



COLORADO
Department of
Transportation

5280 Connectors
Linking Communities

CENTRAL 70 PROJECT

Public Disclosure Administrative and Technical Proposal:
5280 CONNECTORS

VOLUME 2 | Electronic Copy | Binder 4 of 8



TRANSPARENCY | RELIABILITY | ACCOUNTABILITY | INCLUSIVITY



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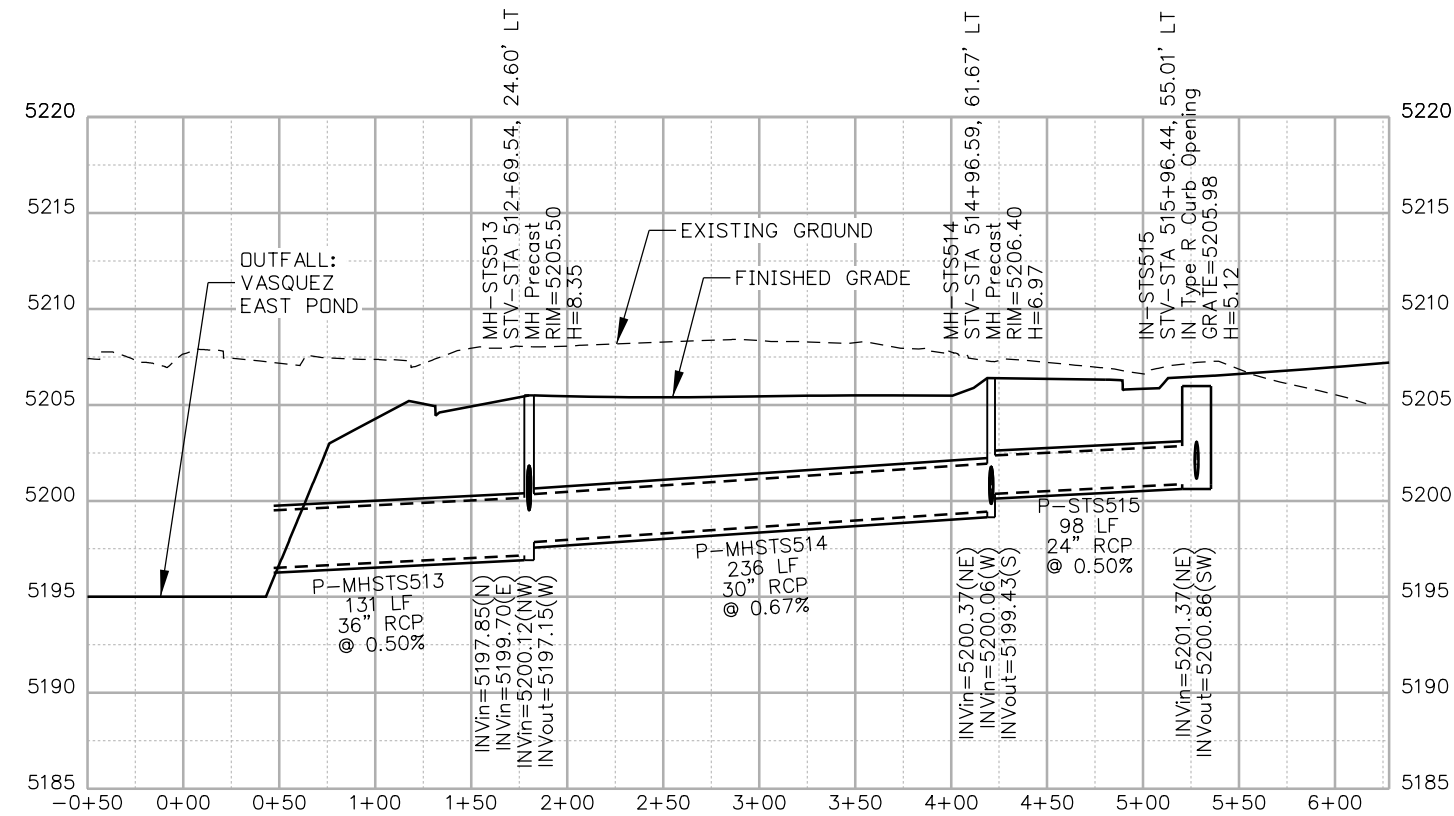
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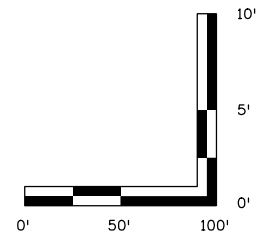
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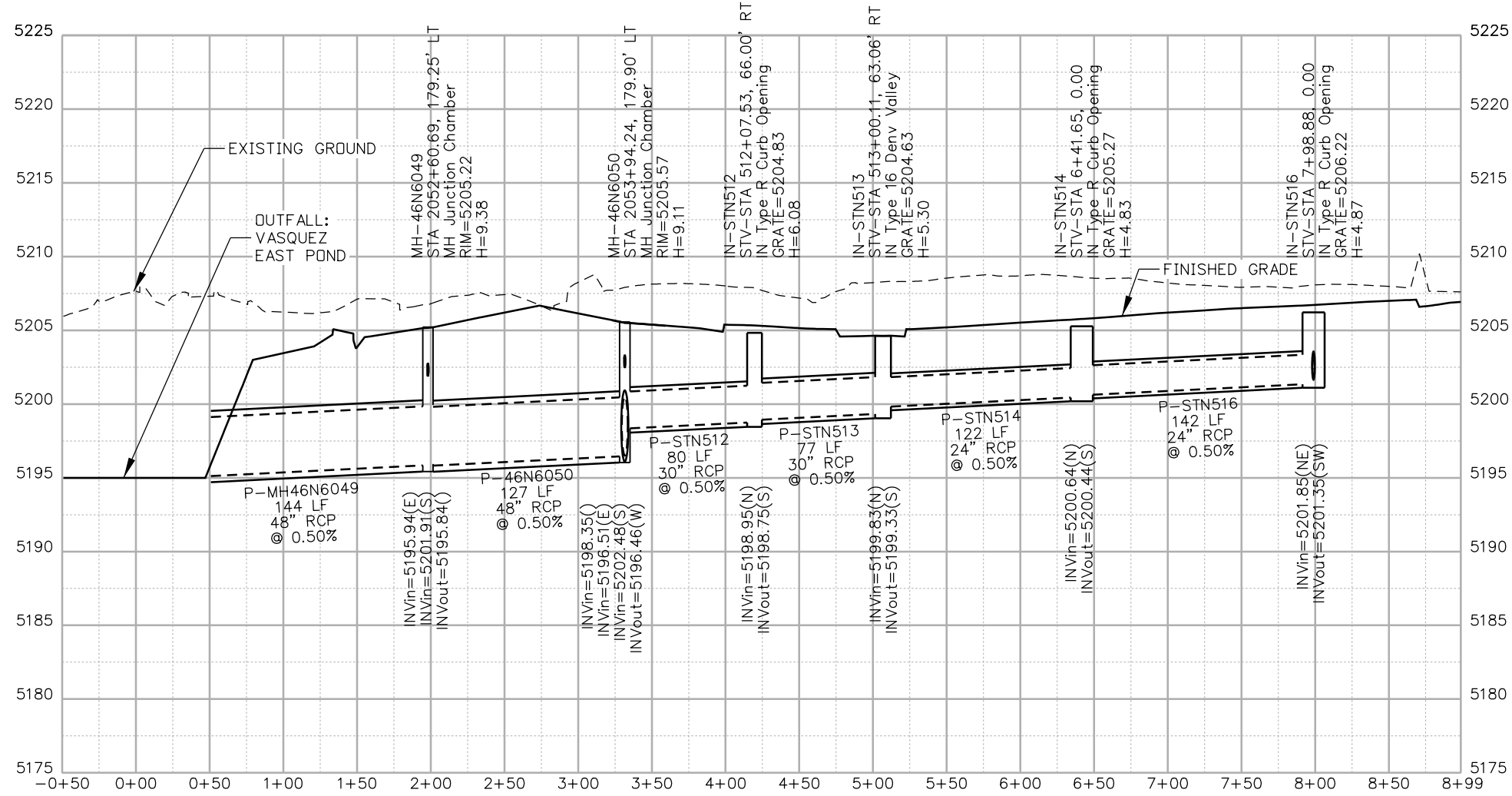
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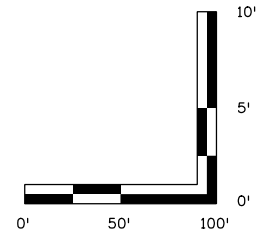
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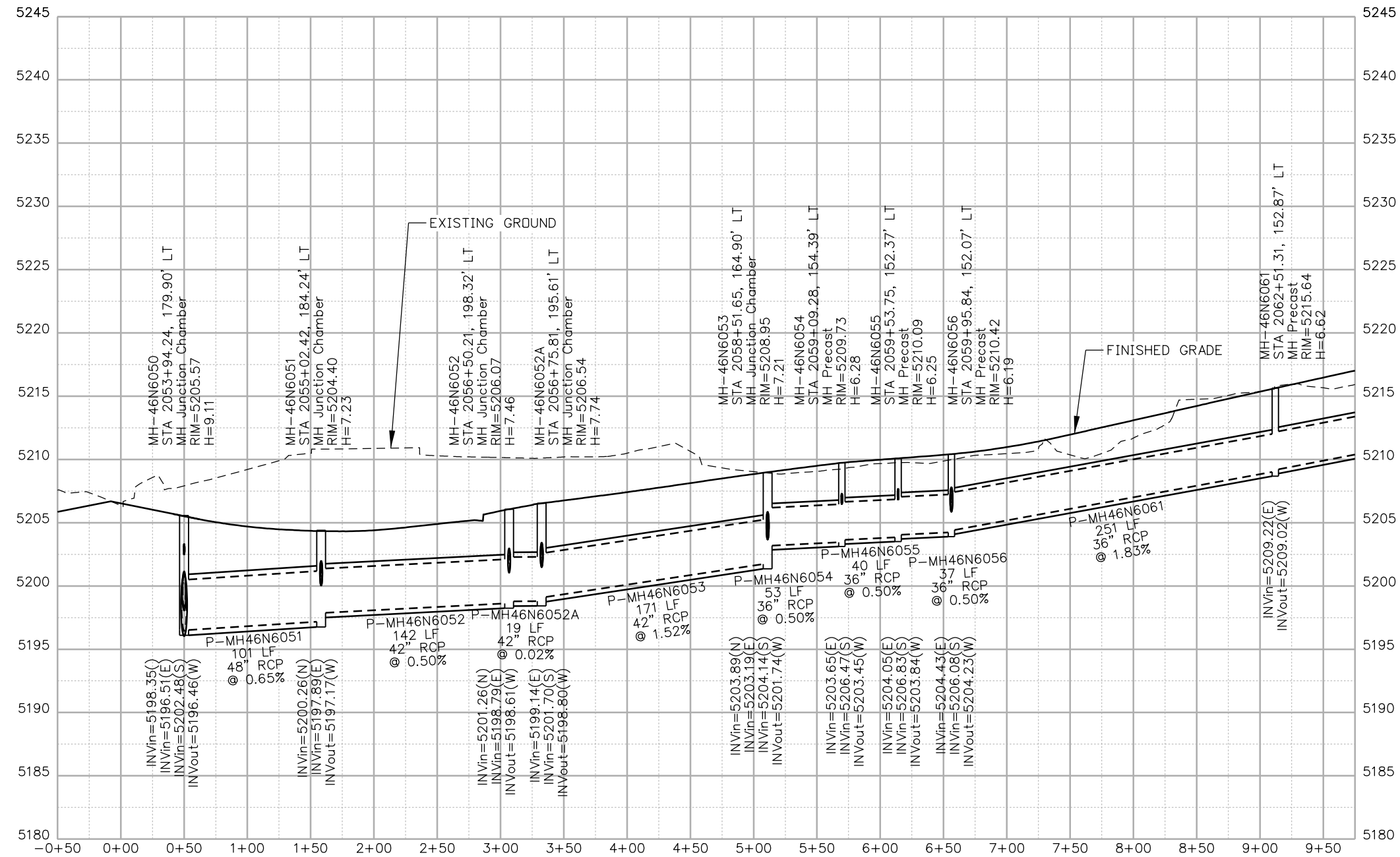


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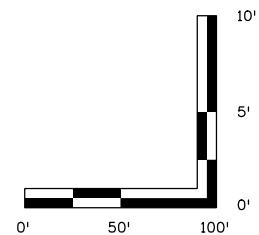
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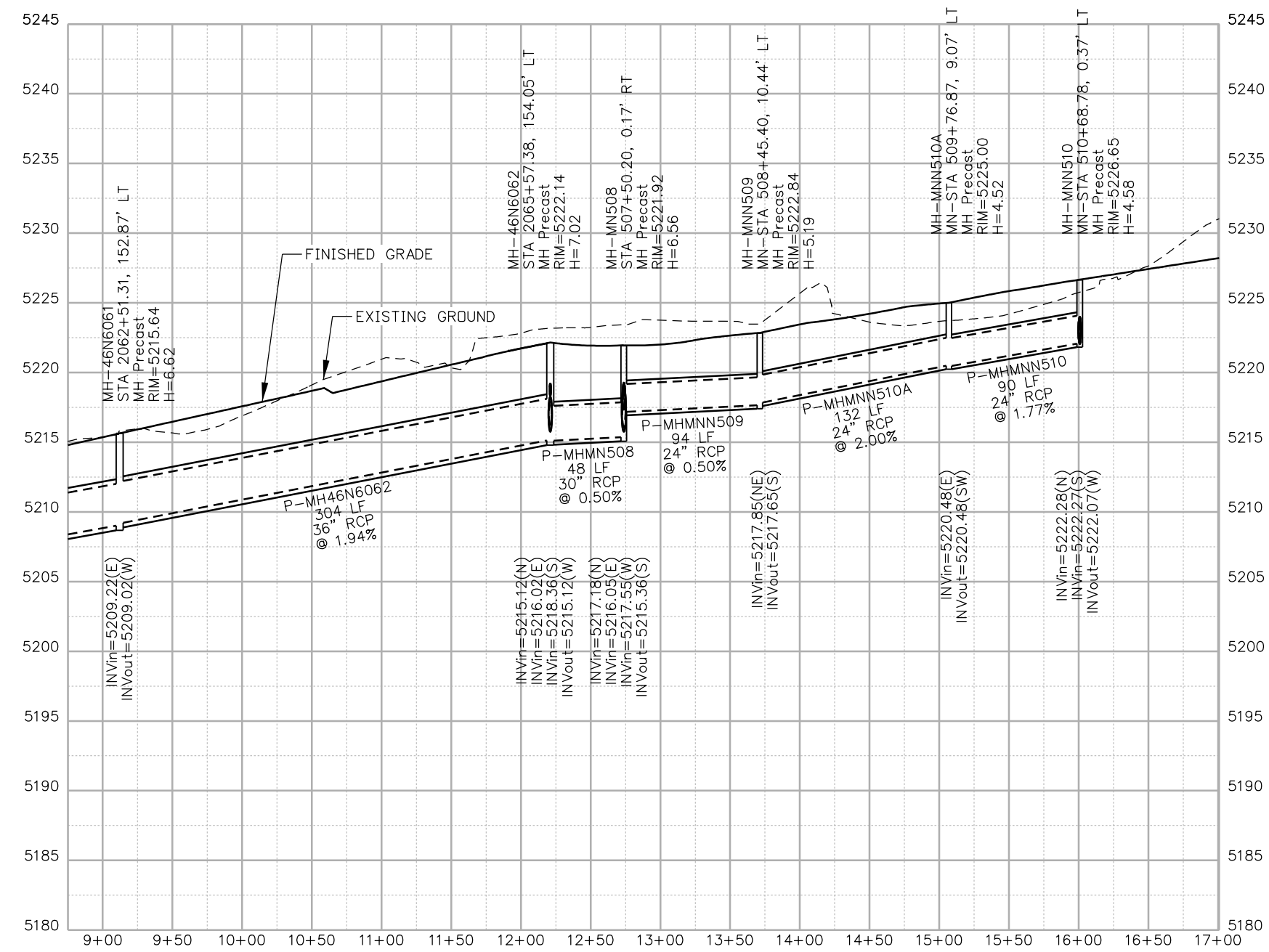
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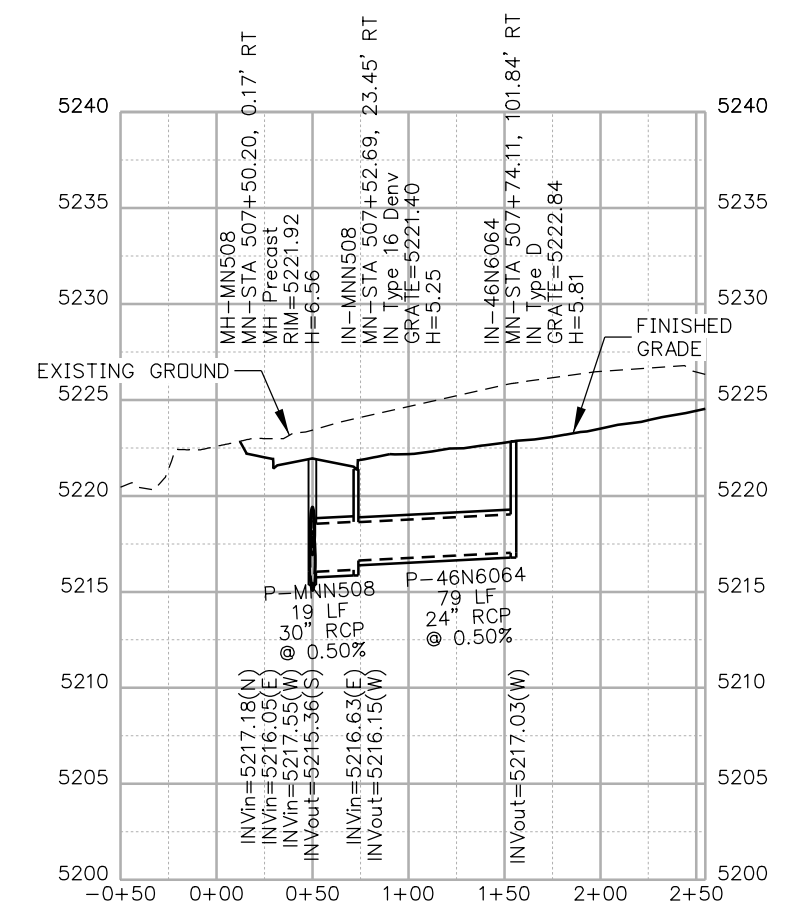
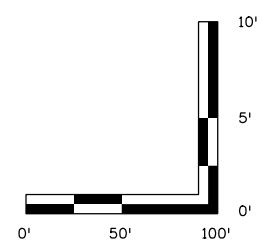
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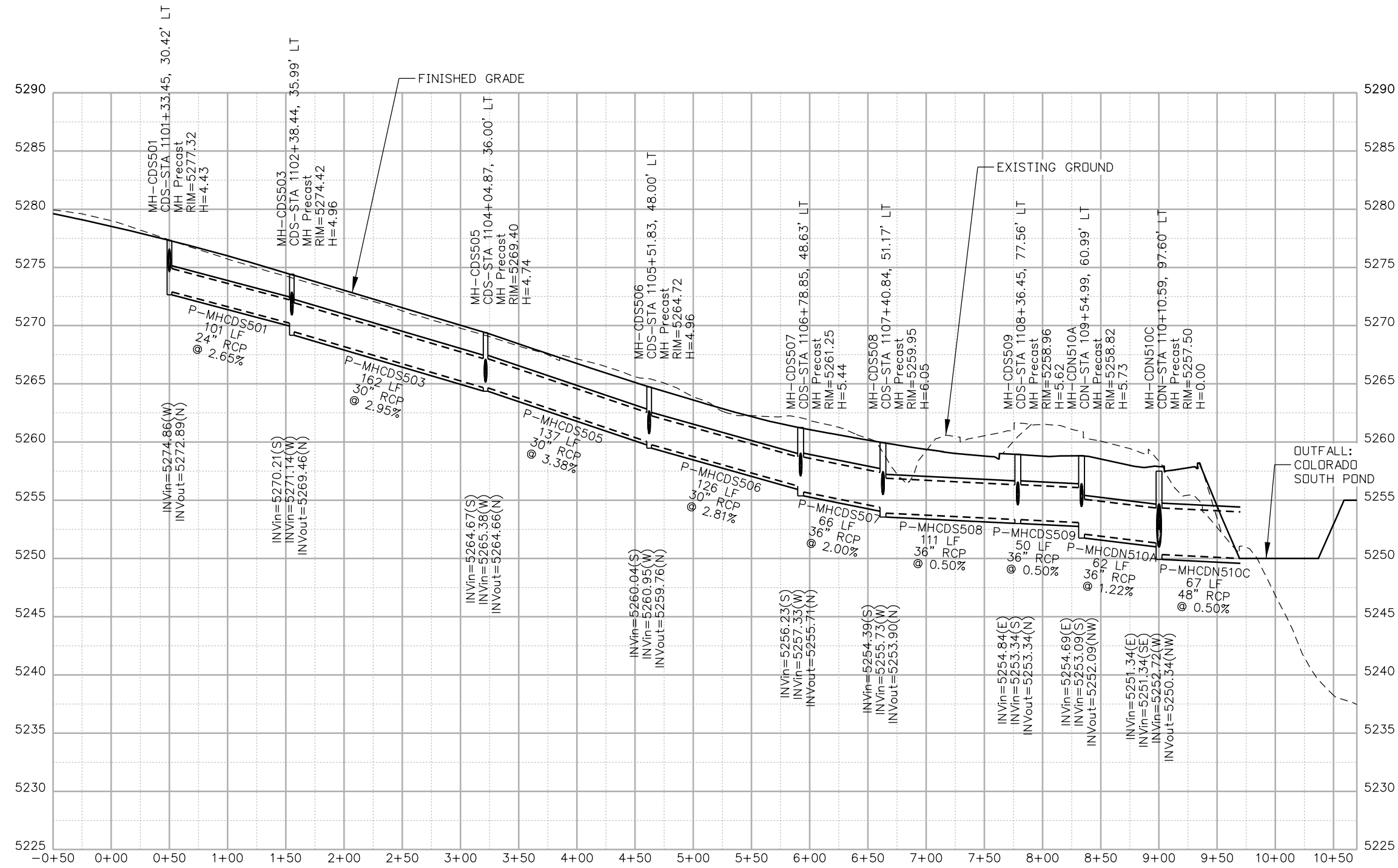
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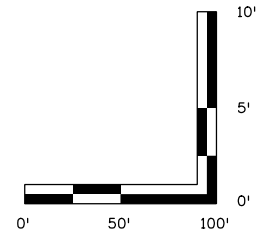
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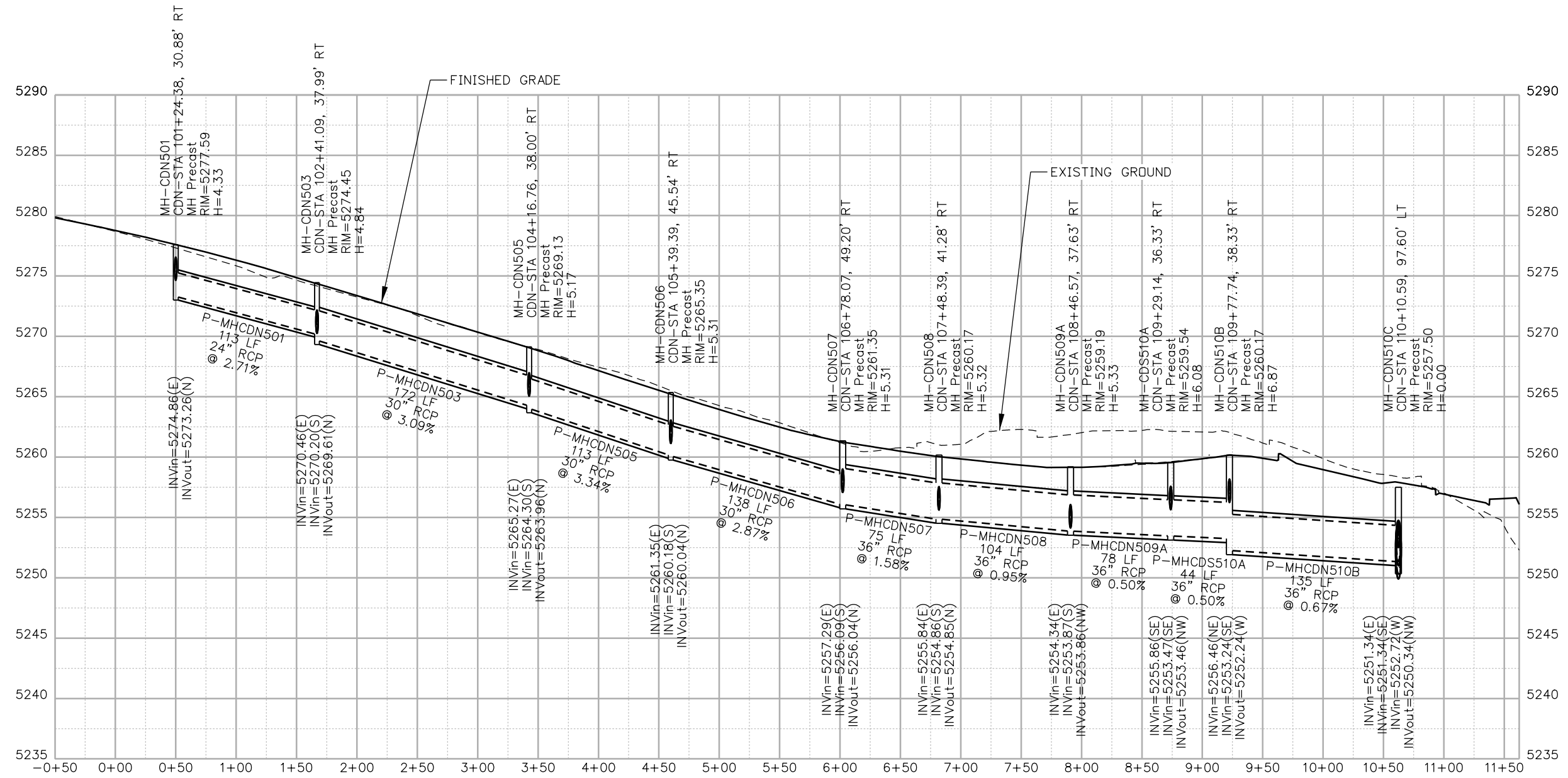


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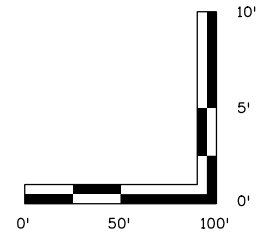


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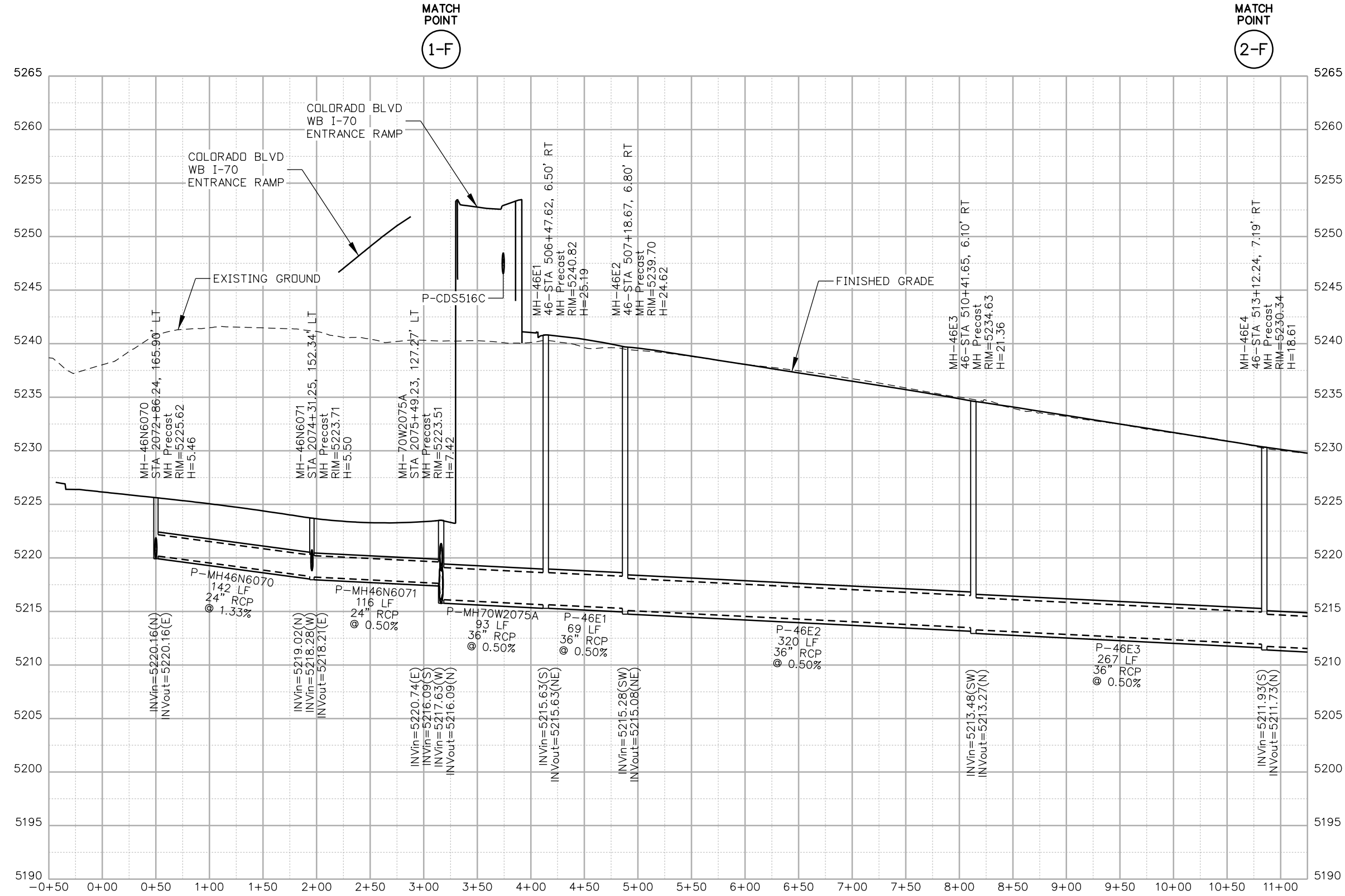
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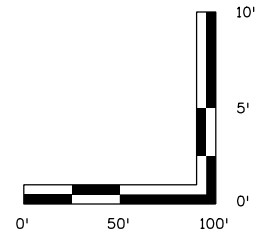
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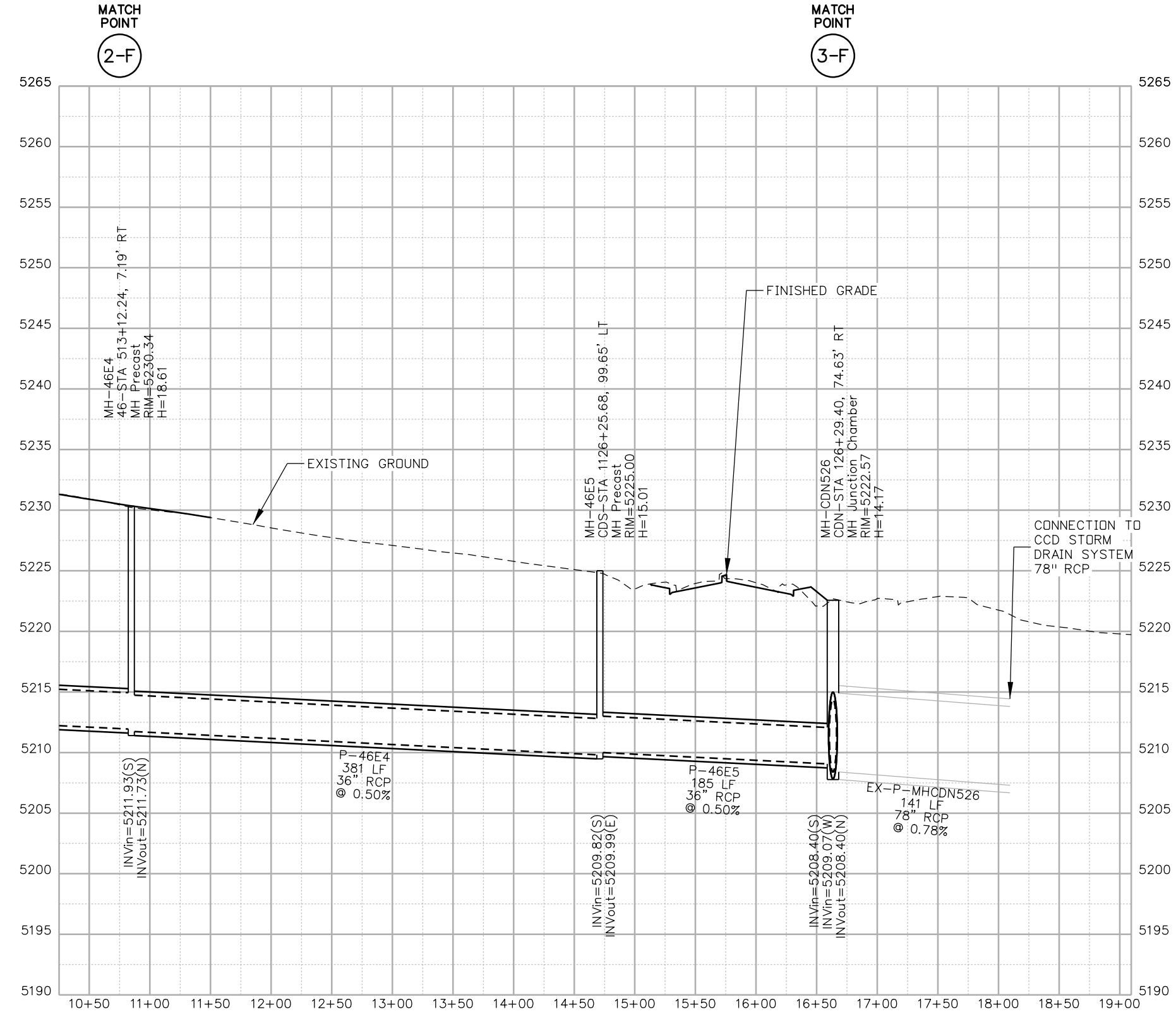
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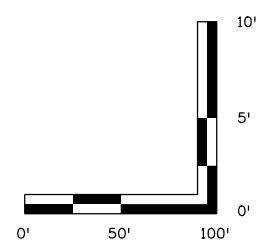
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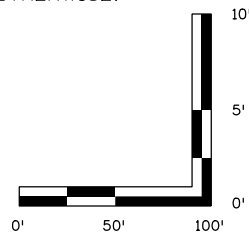
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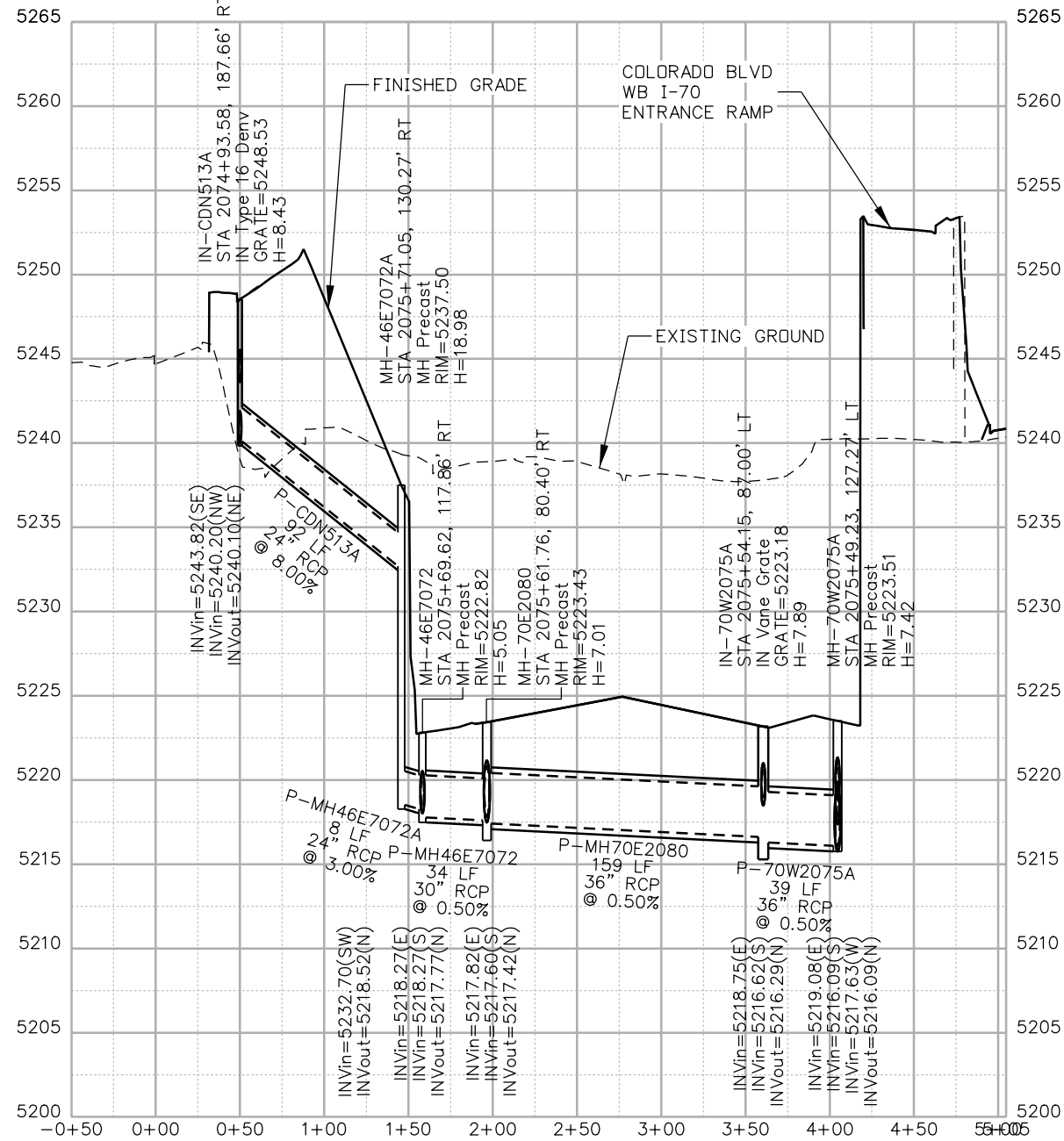
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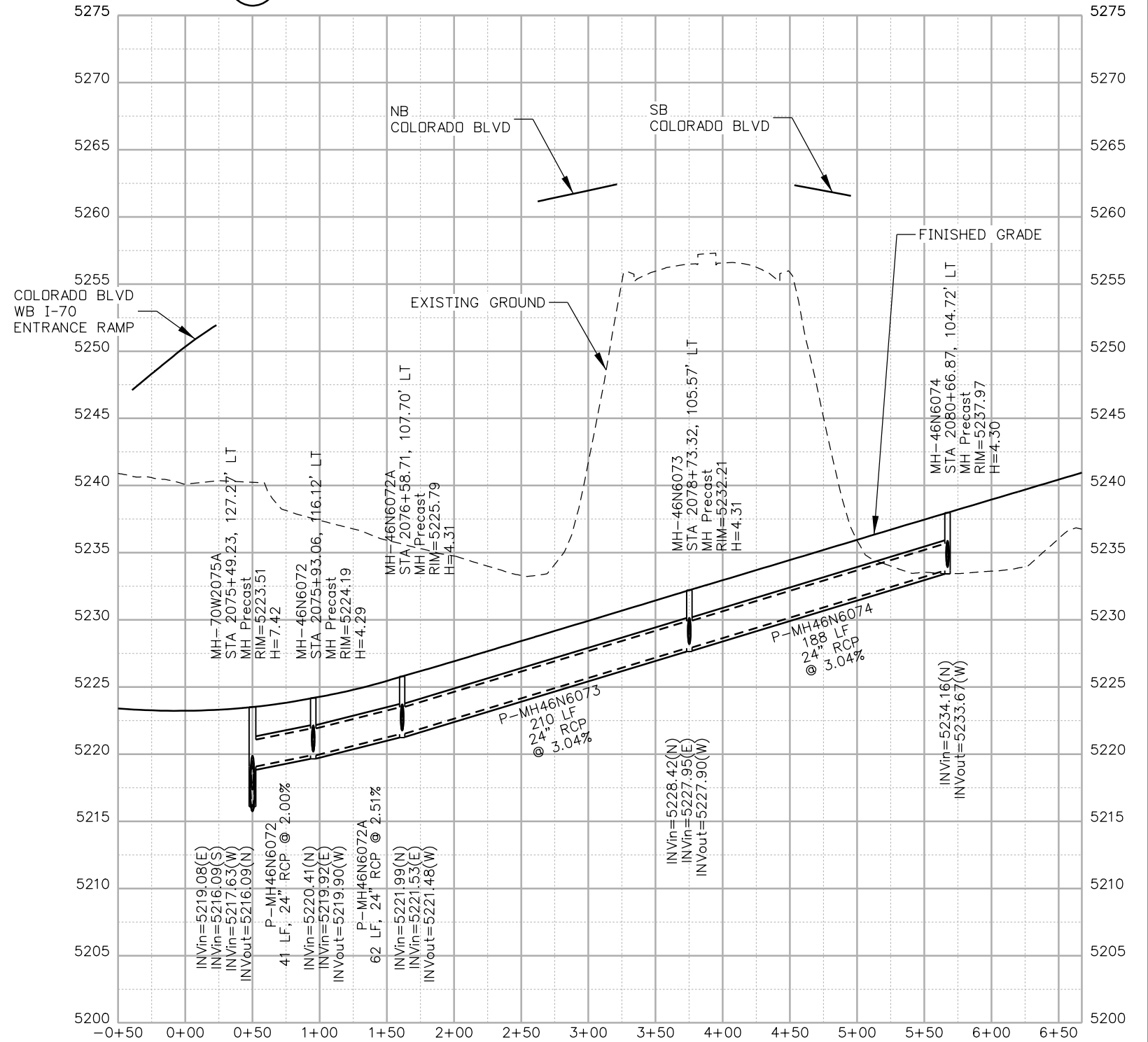


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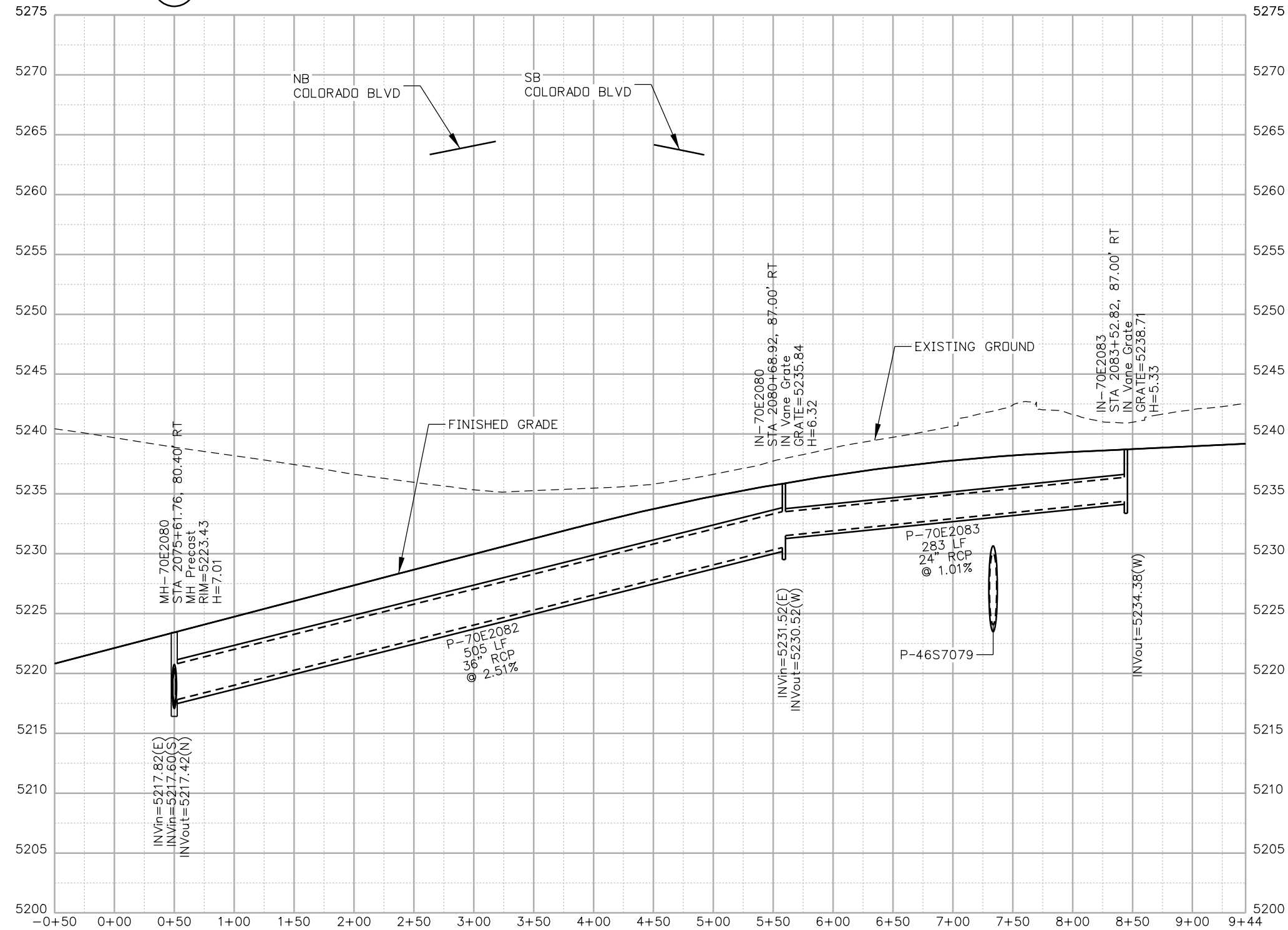
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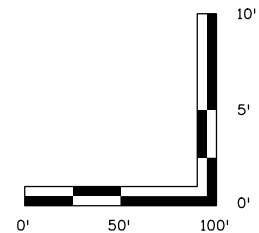
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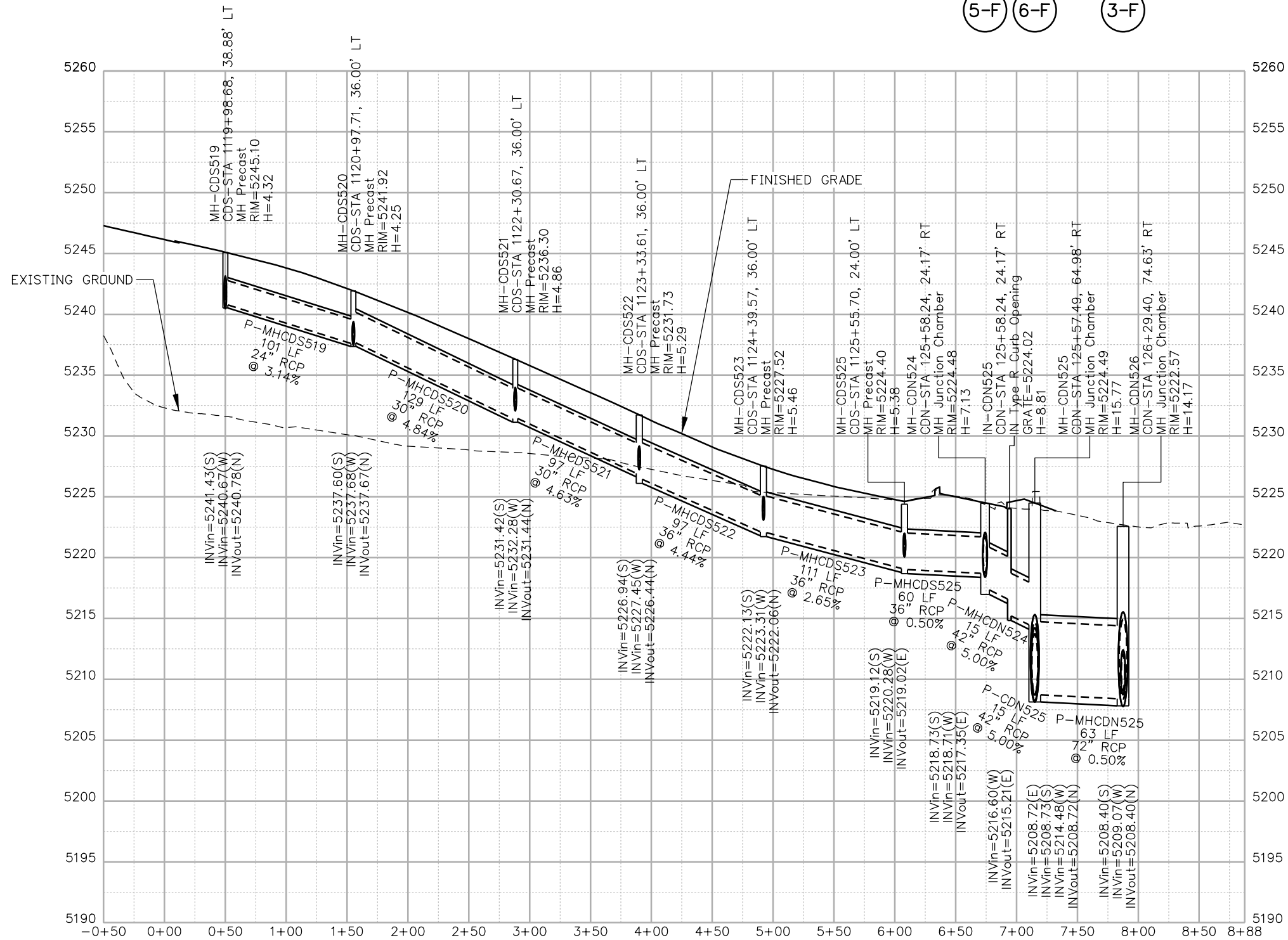
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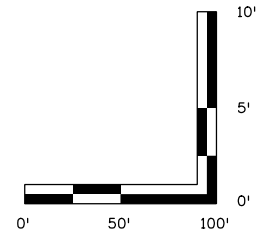
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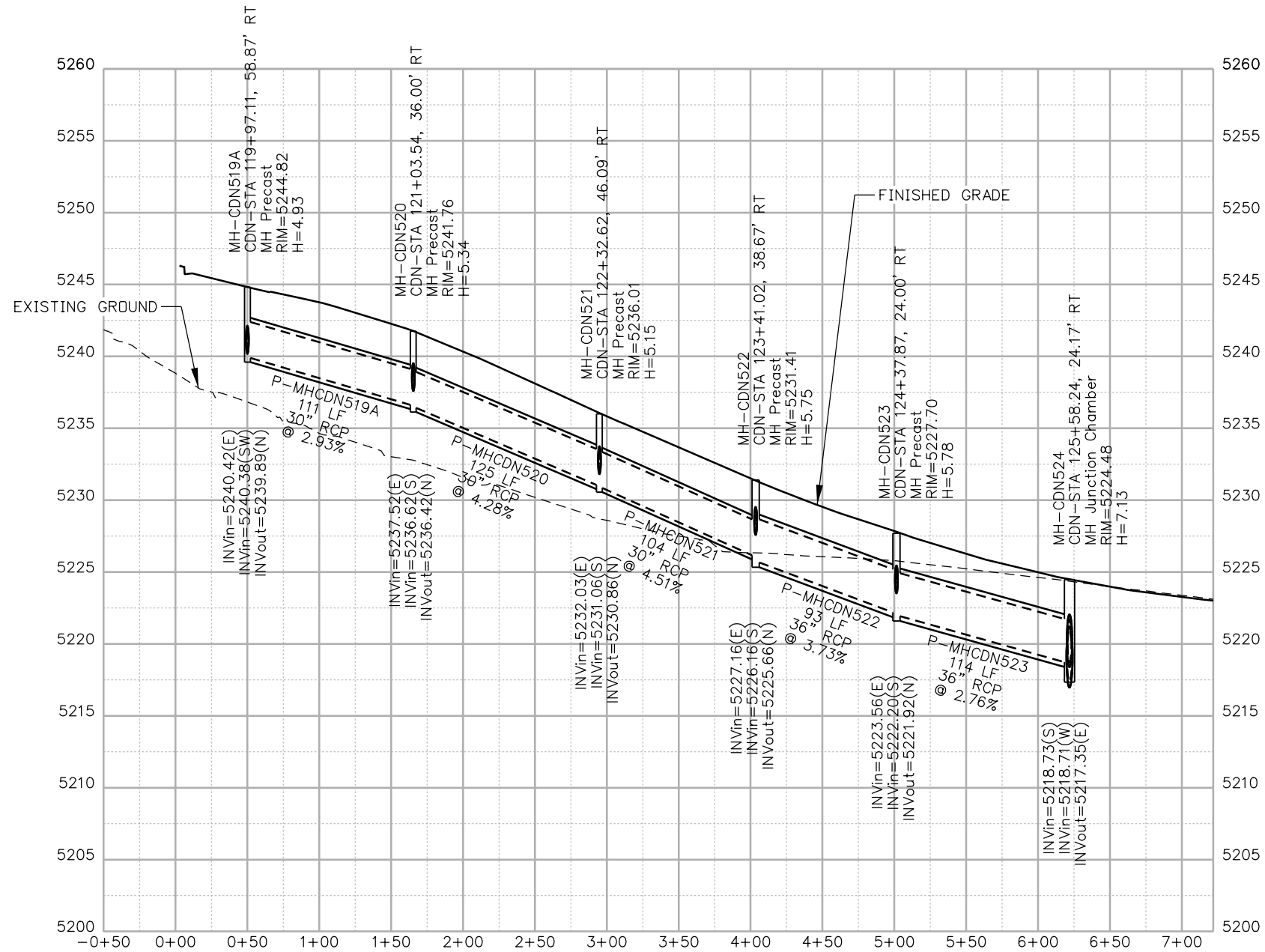
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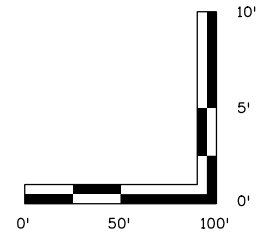
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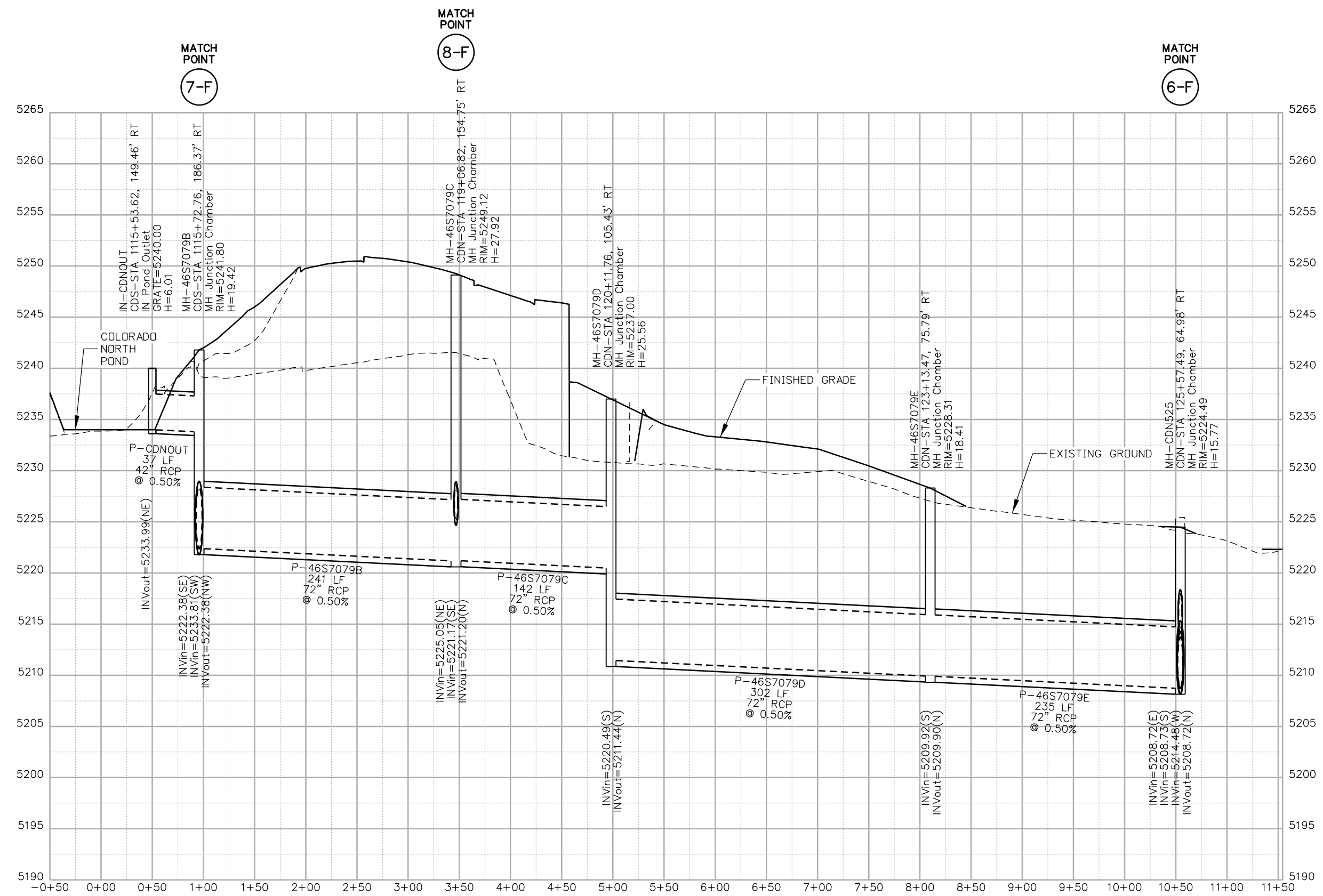
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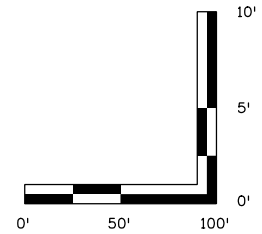
FBR 0704-234
19631
Sheet Number DP-23



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NOTES:
 1. ALL DRAINAGE CALCULATIONS MODELED WITH REINFORCED CONCRETE PIPE UNLESS NOTED OTHERWISE.



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 File Name: 19631HYDR_Prof_DP-24.dgn
 Scale: 1:100

5280 Connectors
 Linking I-70 Communities

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

Region 1

2000 South Holly Street
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JKE

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No Revisions:
 Revised:
 Void:

I-70 DRAINAGE PROFILE
OUTFALL: COLO. BLVD (7 OF 12)

Designer: J.HOLLON
 Detailer: A.VANCE

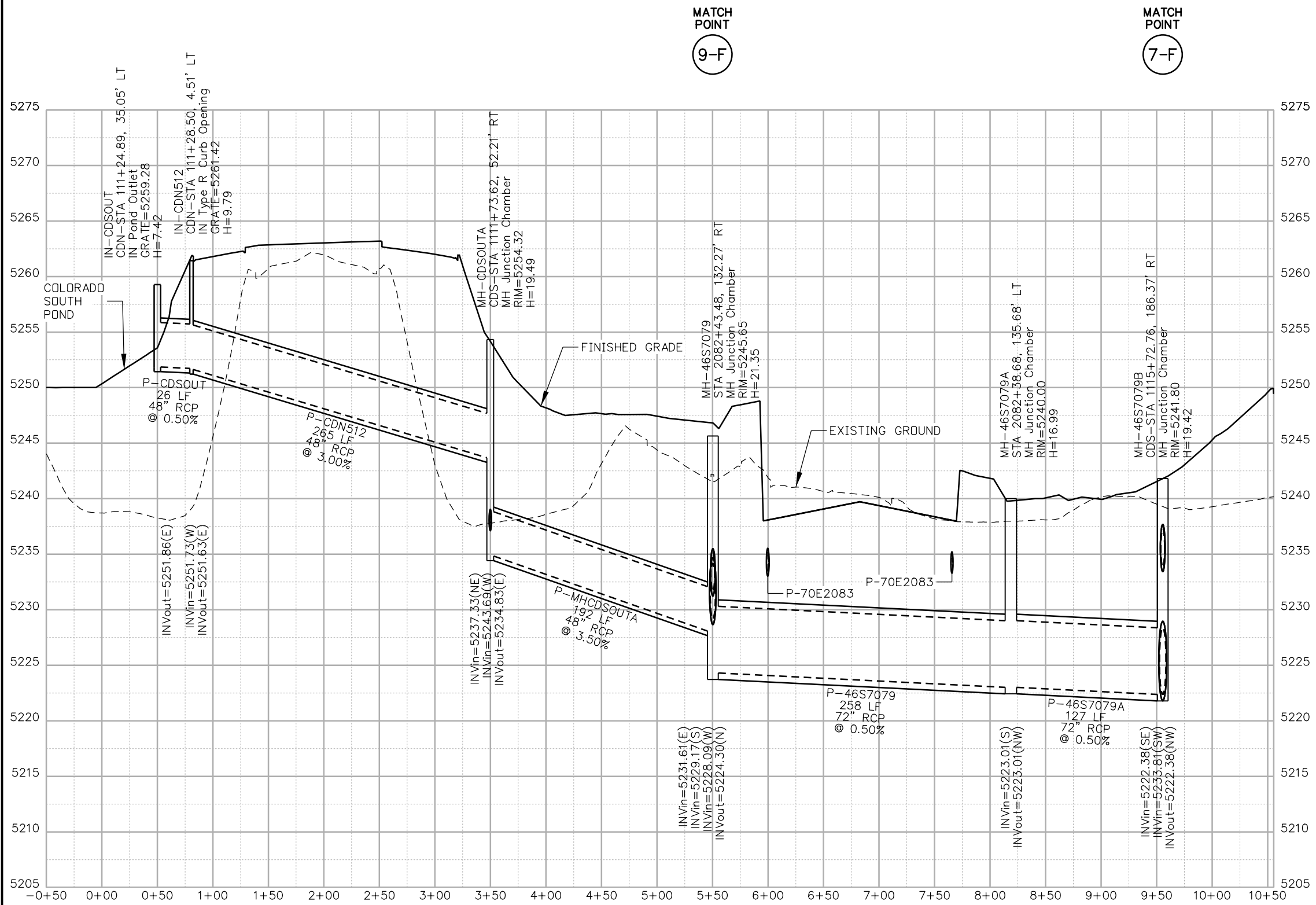
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Project No./Code
 FBR 0704-234

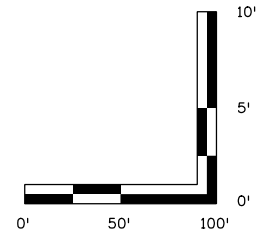
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Sheet Number **DP-24**

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NOTES:
 1. ALL DRAINAGE CALCULATIONS MODELED WITH REINFORCED CONCRETE PIPE UNLESS NOTED OTHERWISE.



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5280 Connectors
 Linking I-70 Communities

Sheet Revisions		
Date:	Comments	Init.

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Revised:
Void:

I-70 DRAINAGE PROFILE
OUTFALL: COLO. BLVD (8 OF 12)

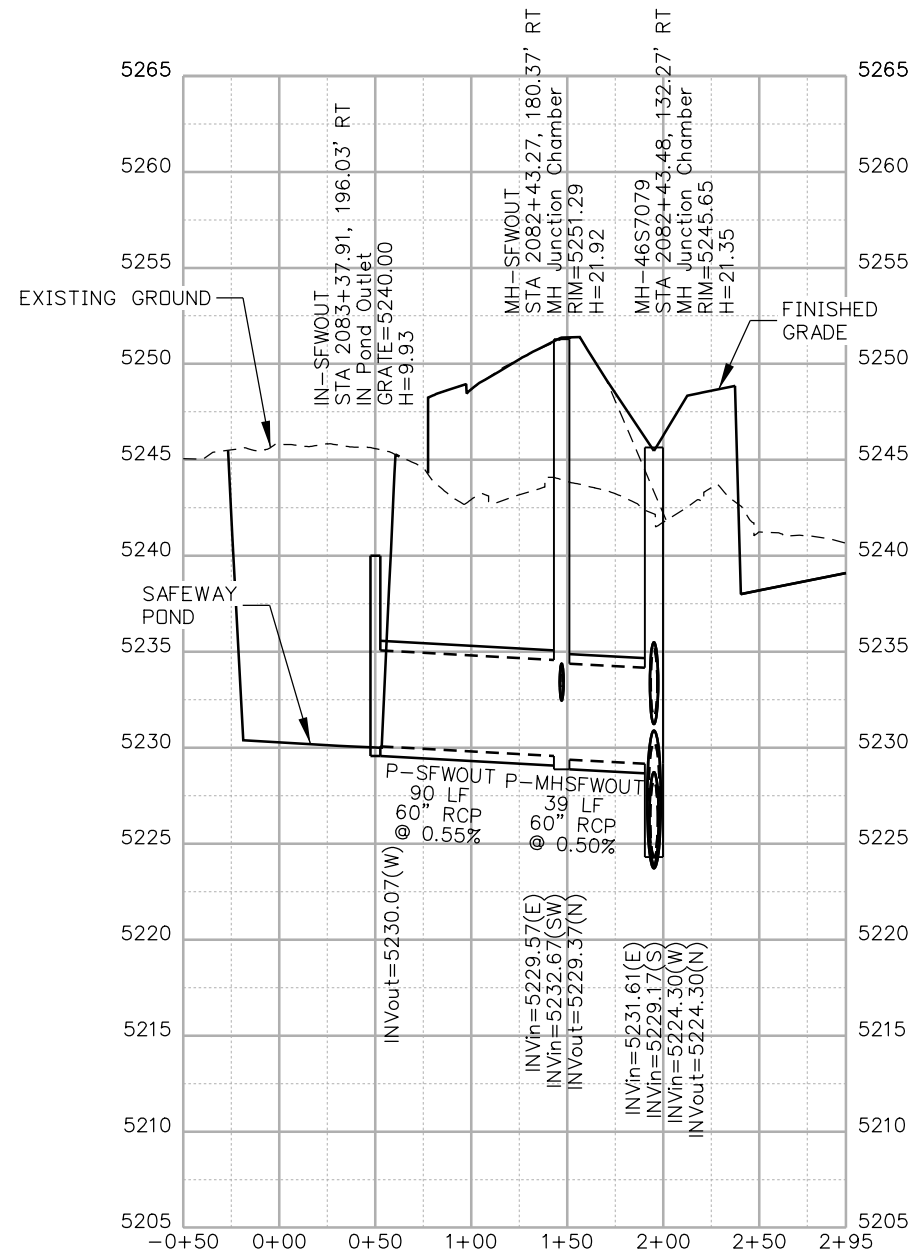
Designer: J.HOLLON
 Detailer: A.VANCE

Sheet Subset: DRAINAGE Subset Sheets: 25 of

Project No./Code
FBR 0704-234
19631
Sheet Number DP-25

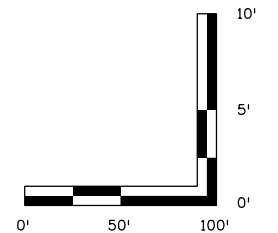
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MATCH POINT
9-F



NOTES:

- ALL DRAINAGE CALCULATIONS MODELED WITH REINFORCED CONCRETE PIPE UNLESS NOTED OTHERWISE.



Print Date: 5/24/2017

File Name: 19631HYDR_Prof_DP-26.dgn

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Sheet Revisions

Date:	Comments	Init.

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**I-70
 DRAINAGE PROFILE
 OUTFALL: COLO. BLVD (9 OF 12)**

Designer:	J.HOLLON	Structure Numbers	
Detailer:	A.VANCE		
Sheet Subset:	DRAINAGE	Subset Sheets:	26 of

Project No./Code

FBR 0704-234

19631

Sheet Number **DP-26**

MATCH POINT

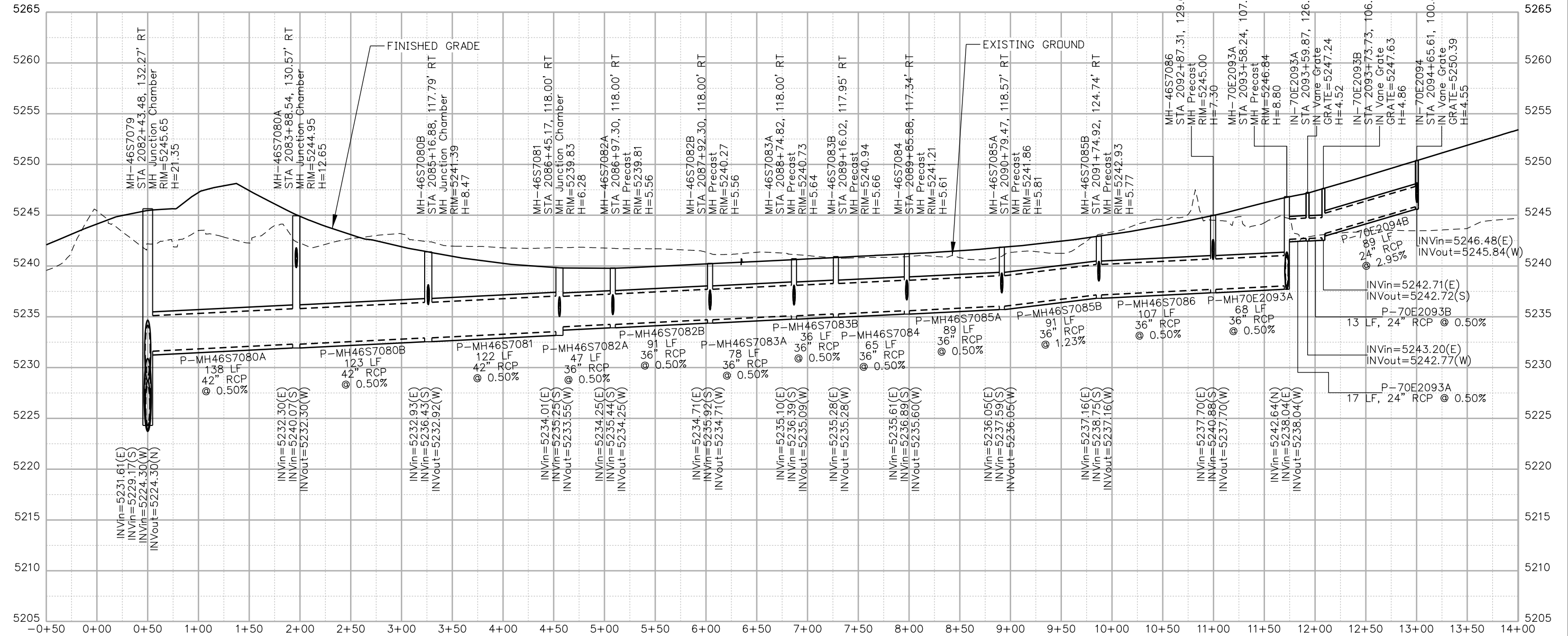
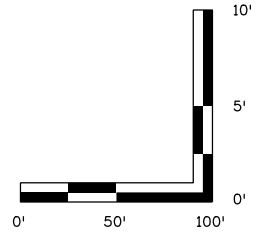
9-F

MATCH POINT

10-F

NOTES:

- 1. ALL DRAINAGE CALCULATIONS MODELED WITH REINFORCED CONCRETE PIPE UNLESS NOTED OTHERWISE.



Print Date: 5/24/2017

File Name: 19631HYDR_Prof_DP-27.dgn

Scale: 1:100

Sheet Revisions

Date:	Comments	Init.

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I-70
 DRAINAGE PROFILE
 OUTFALL: COLO. BLVD (10 OF 12)

Designer:	J.HOLLON	Structure Numbers	
Detailer:	A.VANCE		
Sheet Subset:	DRAINAGE	Subset Sheets:	27 of

Project No./Code

FBR 0704-234

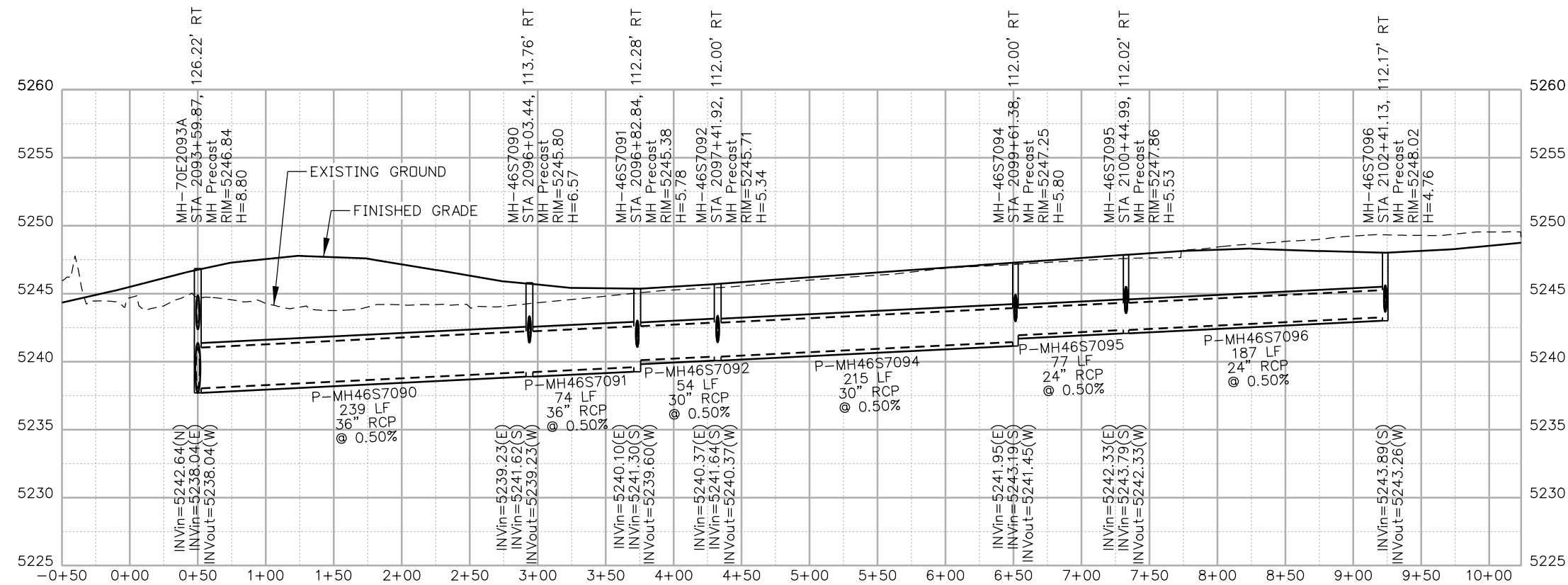
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Sheet Number DP-27



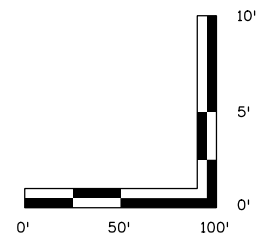
Linking I-70 Communities

MATCH POINT
10-F



NOTES:

- ALL DRAINAGE CALCULATIONS MODELED WITH REINFORCED CONCRETE PIPE UNLESS NOTED OTHERWISE.



Print Date: 5/24/2017

File Name: 19631HYDR_Prof_DP-28.dgn

Scale: 1:100

5280 Connectors
Linking I-70 Communities

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Sheet Revisions

Date:	Comments	Init.

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**I-70
DRAINAGE PROFILE
OUTFALL: COLO. BLVD (11 OF 12)**

Designer:	J.HOLLON	Structure Numbers	
Detailer:	A.VANCE	Subset Sheets:	28 of
Sheet Subset:	DRAINAGE		

Project No./Code

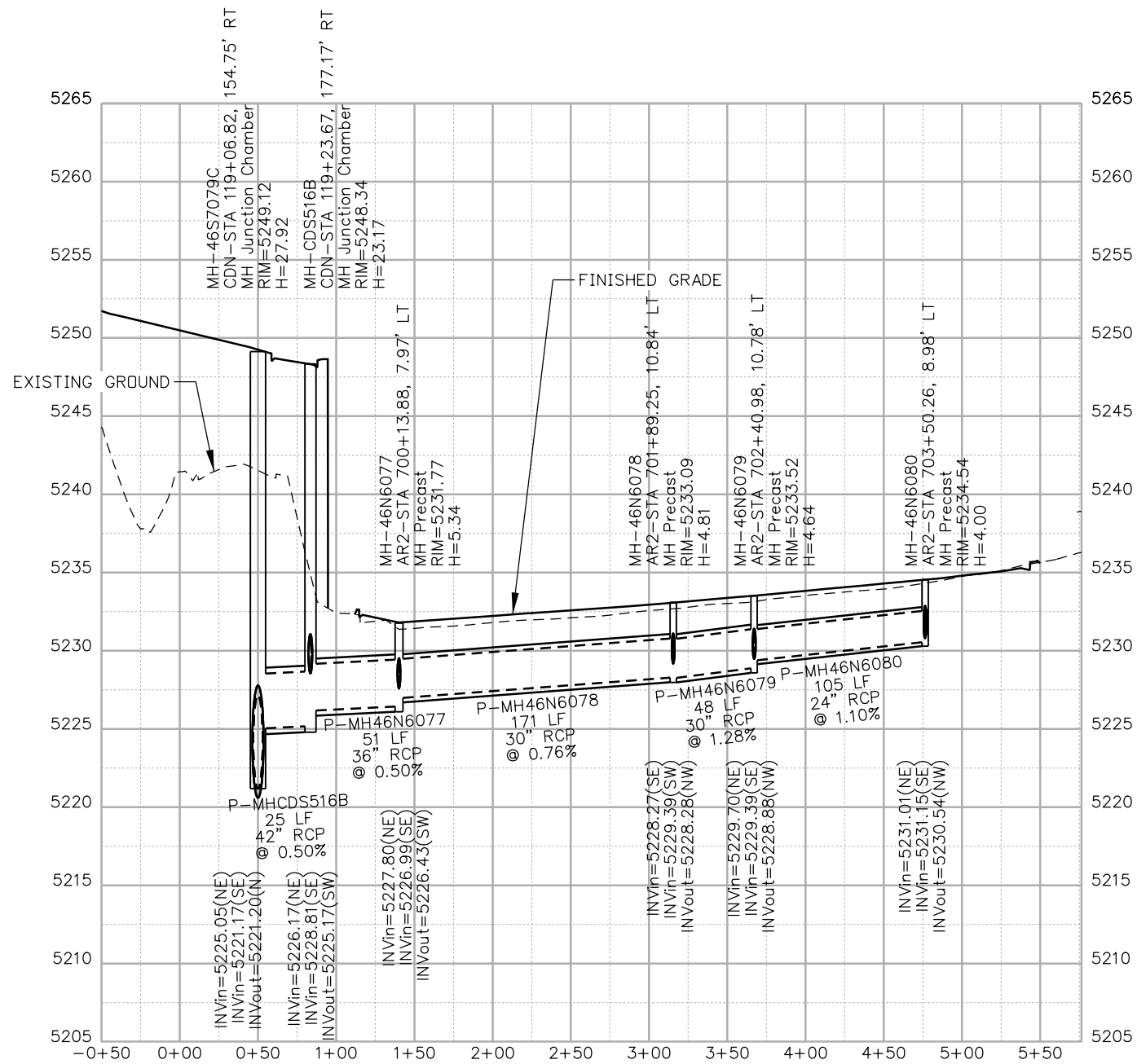
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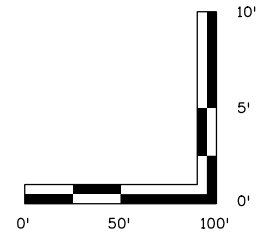
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MATCH POINT
8-F



NOTES:
1. ALL DRAINAGE CALCULATIONS MODELED WITH REINFORCED CONCRETE PIPE UNLESS NOTED OTHERWISE.



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File Name: 19631HYDR_Prof_DP-29.dgn
Scale: 1:100

5280 Connectors
Linking I-70 Communities

Sheet Revisions		
Date:	Comments	Init.

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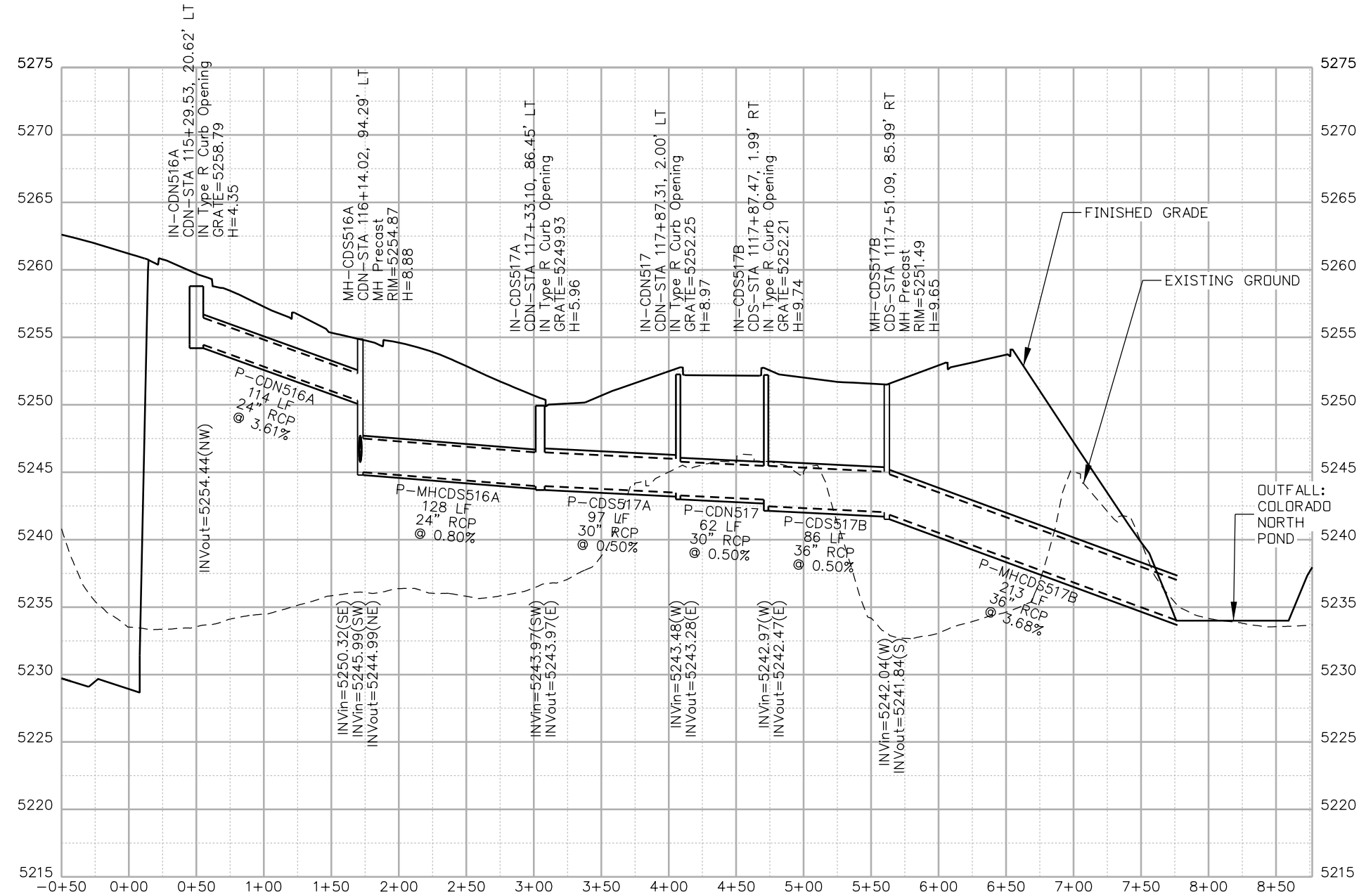
JKE

As Constructed
No Revisions:
Revised:
Void:

I-70 DRAINAGE PROFILE OUTFALL: COLO. BLVD (12 OF 12)	
Designer: J.HOLLON	Structure Numbers
Detailer: A.VANCE	
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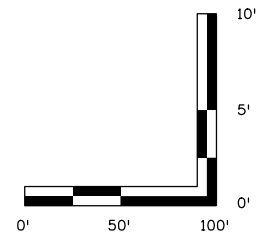
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19631
Sheet Number DP-29

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NOTES:

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File Name: 19631HYDR_Prof_DP-30.dgn

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**I-70
DRAINAGE PROFILE
OUTFALL: COLO. POND-N (1 OF 1)**

Designer:	J.HOLLON	Structure Numbers	
Detailer:	A.VANCE		
Sheet Subset:	DRAINAGE	Subset Sheets:	30 of

Project No./Code

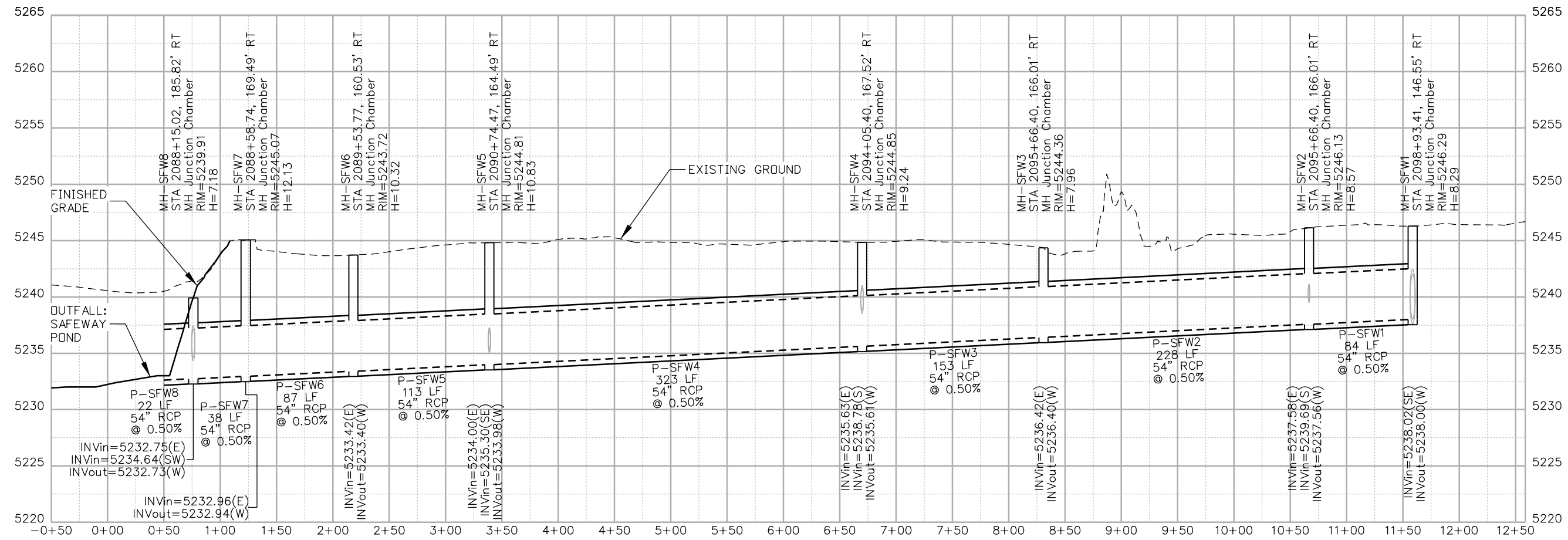
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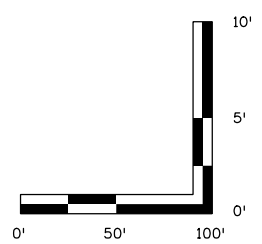
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5280 Connectors
Linking I-70 Communities

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 1. ALL DRAINAGE CALCULATIONS MODELED WITH REINFORCED CONCRETE PIPE UNLESS NOTED OTHERWISE.



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Date:	Comments	Init.

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I-70 DRAINAGE PROFILE
OUTFALL: STAPLETON DR (1 OF 1)

Designer: J.HOLLON
 Detailer: A.VANCE

Sheet Subset: DRAINAGE
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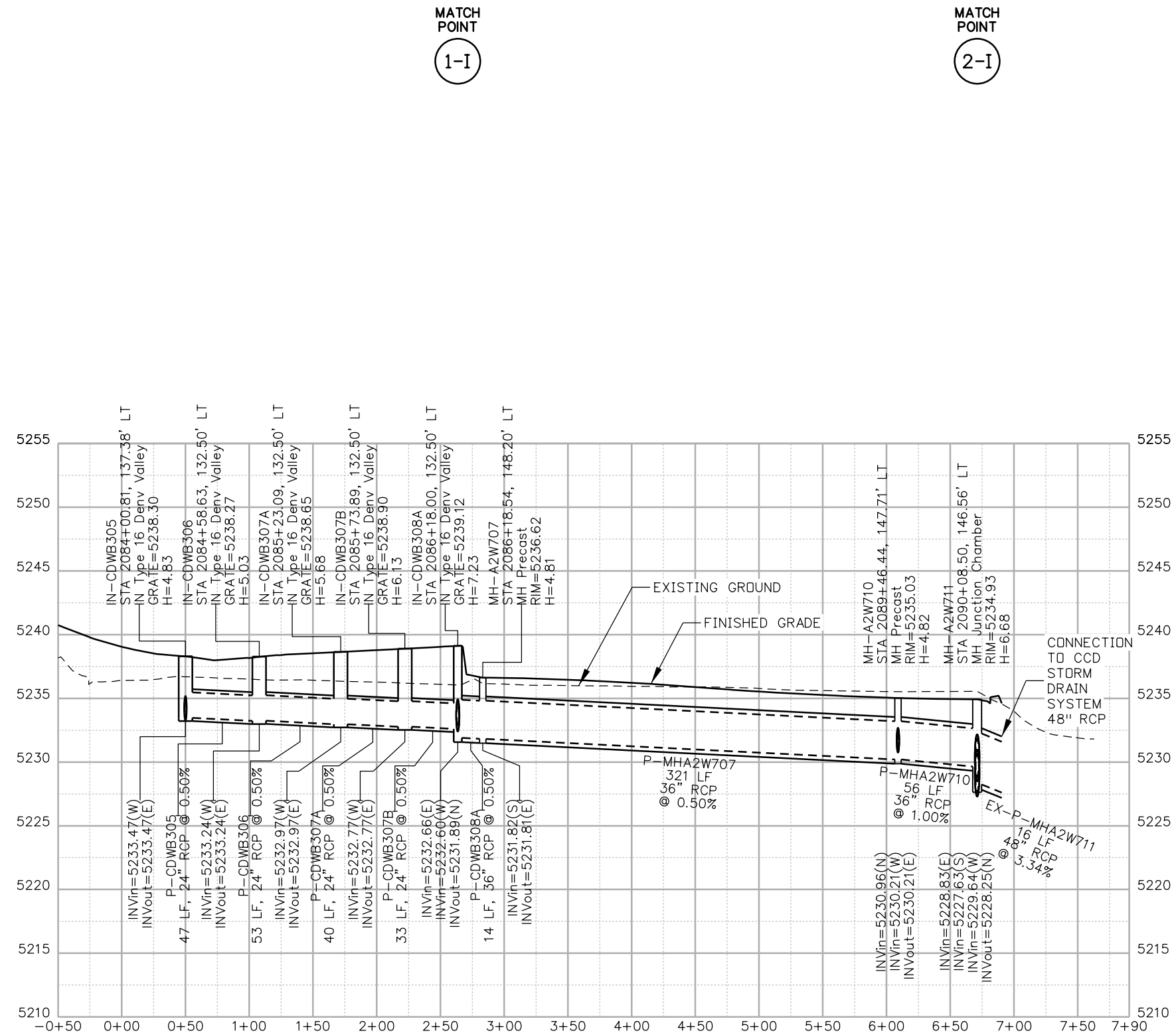
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19631

Sheet Number **DP-31**

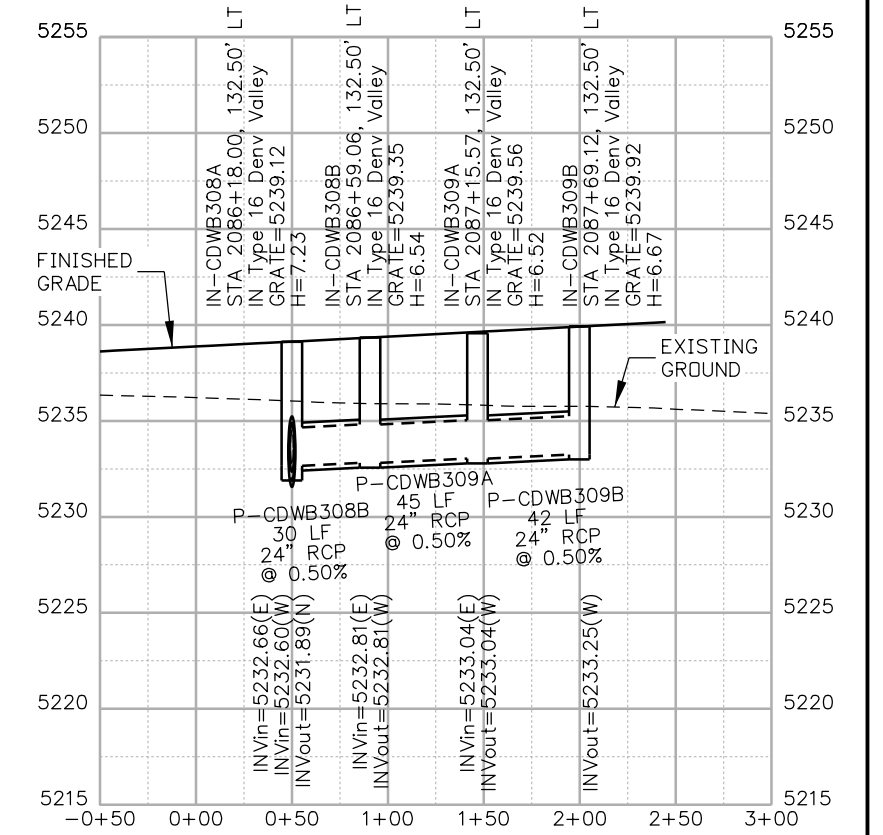
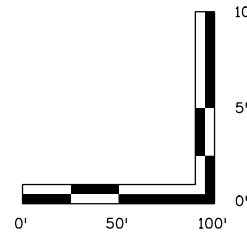


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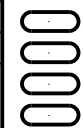
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File Name: 19631HYDR_Prof_DP-32.dgn

Scale: 1:100



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**I-70
DRAINAGE PROFILE
OUTFALL: E 46TH AVE (1 OF 5)**

Designer:	J.HOLLON	Structure Numbers	
Detailer:	A.VANCE	Subset Sheets:	32 of
Sheet Subset:	DRAINAGE		

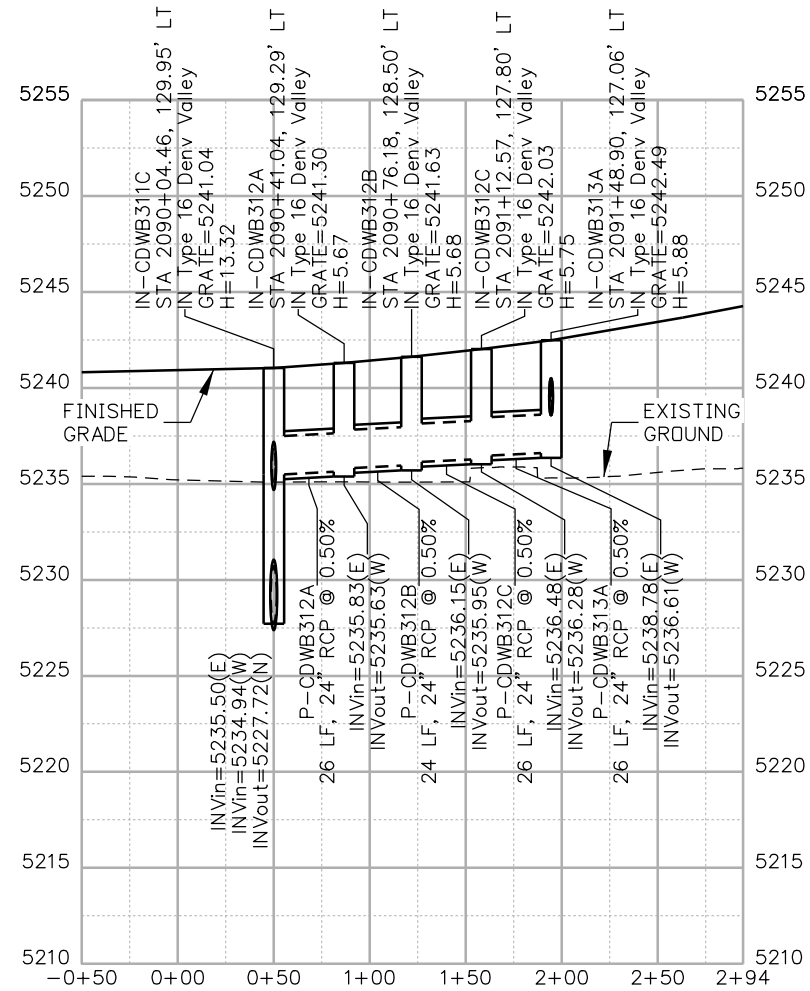
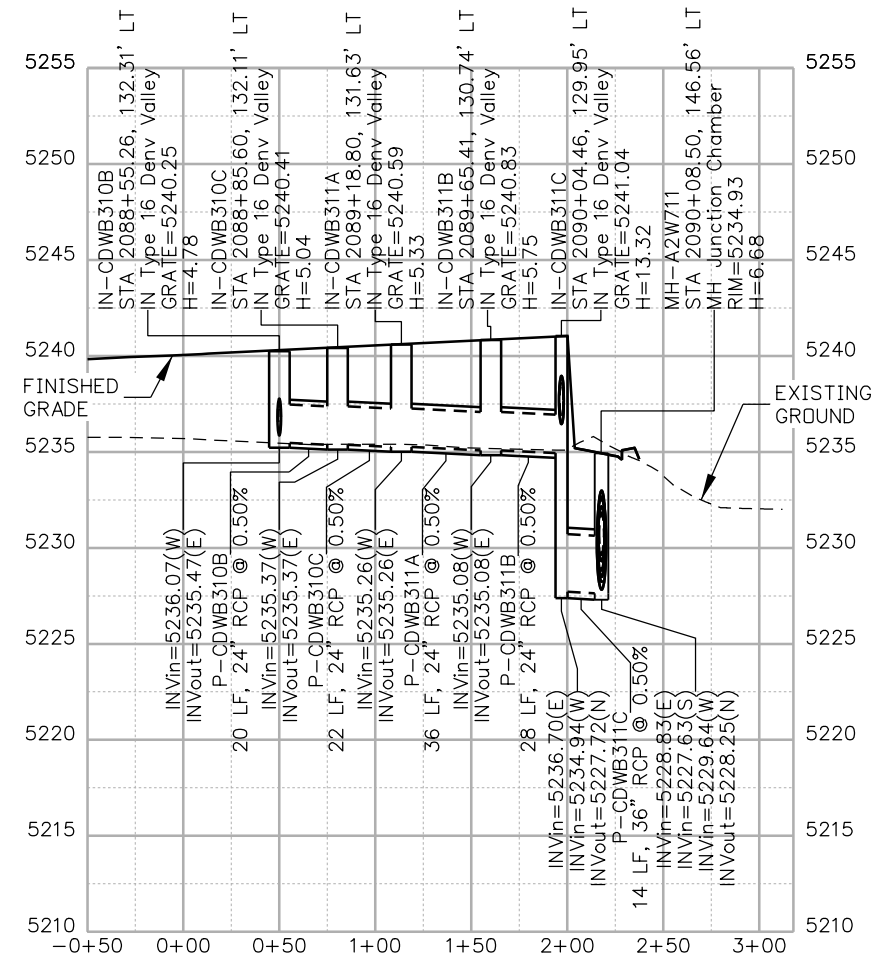
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FBR 0704-234
19631
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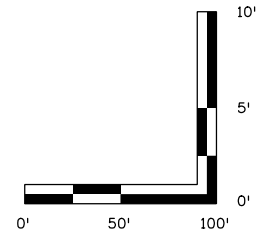
MATCH POINT
3-I

MATCH POINT
3-I



NOTES:

1. ALL DRAINAGE CALCULATIONS MODELED WITH REINFORCED CONCRETE PIPE UNLESS NOTED OTHERWISE.



Print Date: 5/24/2017

File Name: 19631HYDR_Prof_DP-33.dgn

Scale: 1:100

5280 Connectors
Linking I-70 Communities

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Sheet Revisions

Date:	Comments	Init.



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Region 1

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No Revisions:

Revised:

Void:

**I-70
DRAINAGE PROFILE
OUTFALL: E 46TH AVE (2 OF 5)**

Designer:	J.HOLLON	Structure Numbers	
Detailer:	A.VANCE		
Sheet Subset:	DRAINAGE	Subset Sheets:	33 of

Project No./Code

FBR 0704-234

19631

Sheet Number **DP-33**

MATCH POINT

2-I

MATCH POINT

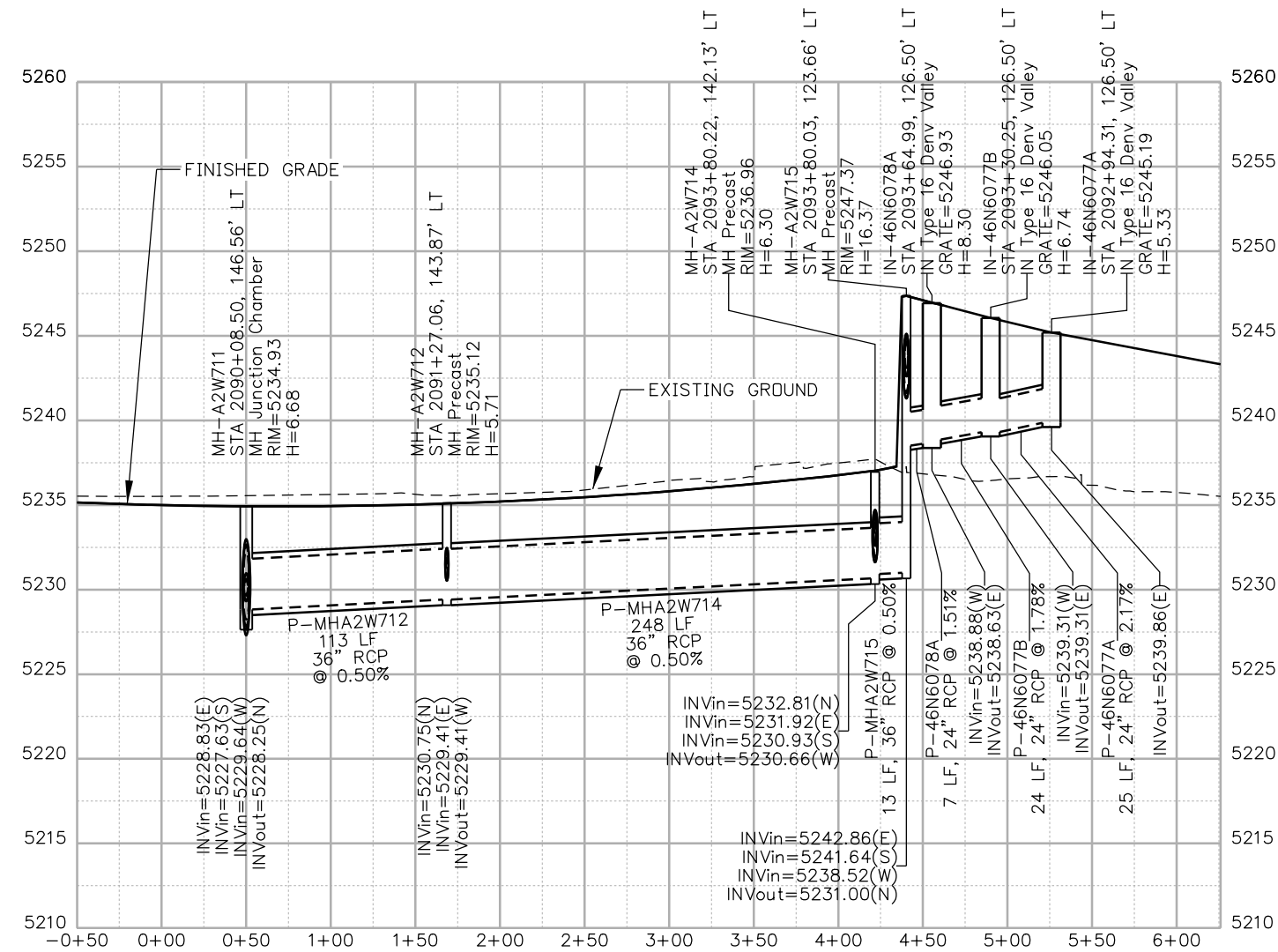
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MATCH POINT

5-I

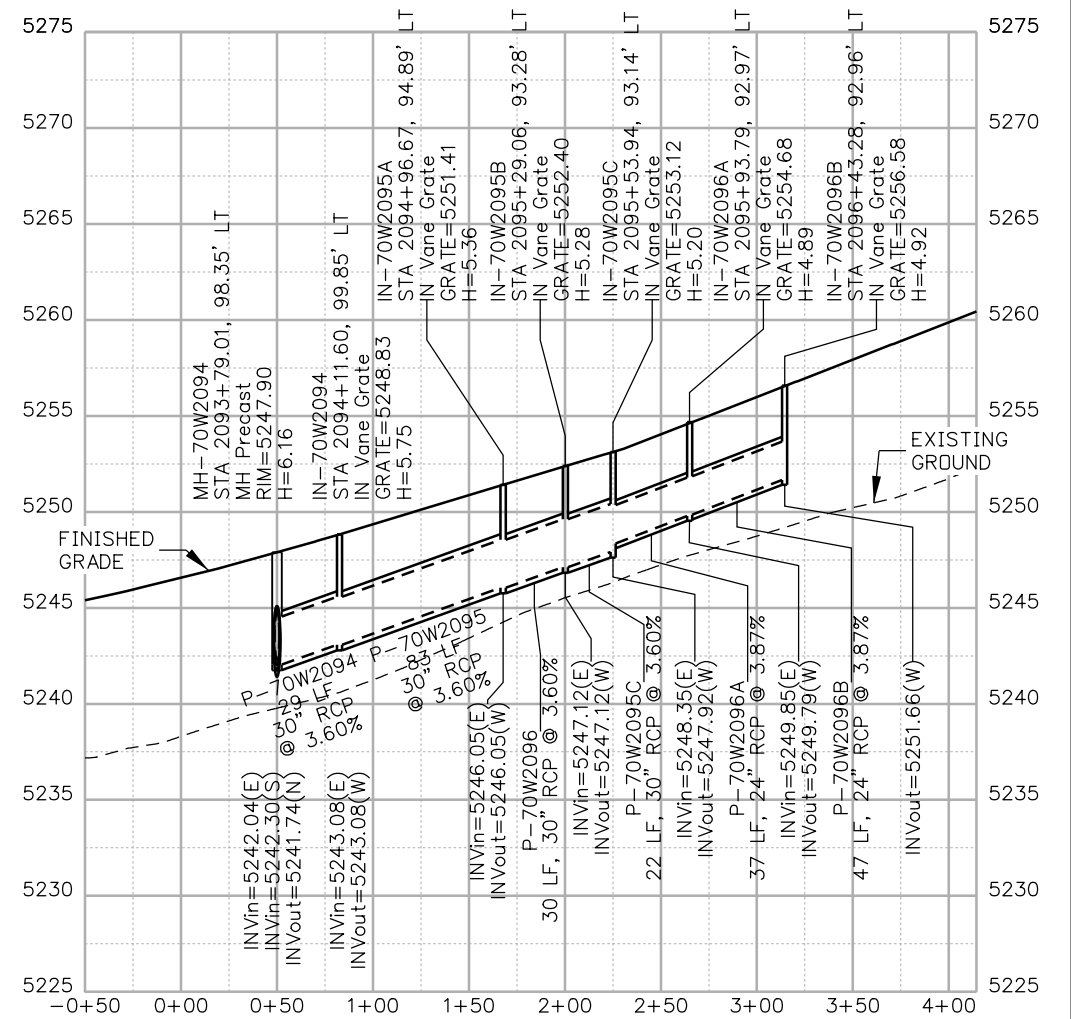
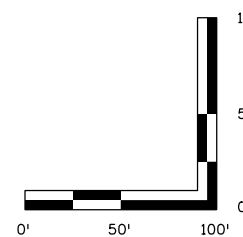
MATCH POINT

6-I



NOTES:

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Print Date: 5/24/2017

File Name: 19631HYDR_Prof_DP-34.dgn

Scale: 1:100

Sheet Revisions

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No Revisions:

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I-70
DRAINAGE PROFILE
OUTFALL: E 46TH AVE (3 OF 5)

Designer: J.HOLLON

Detailer: A.VANCE

Sheet Subset: DRAINAGE

Structure Numbers

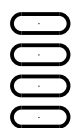
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Project No./Code

FBR 0704-234

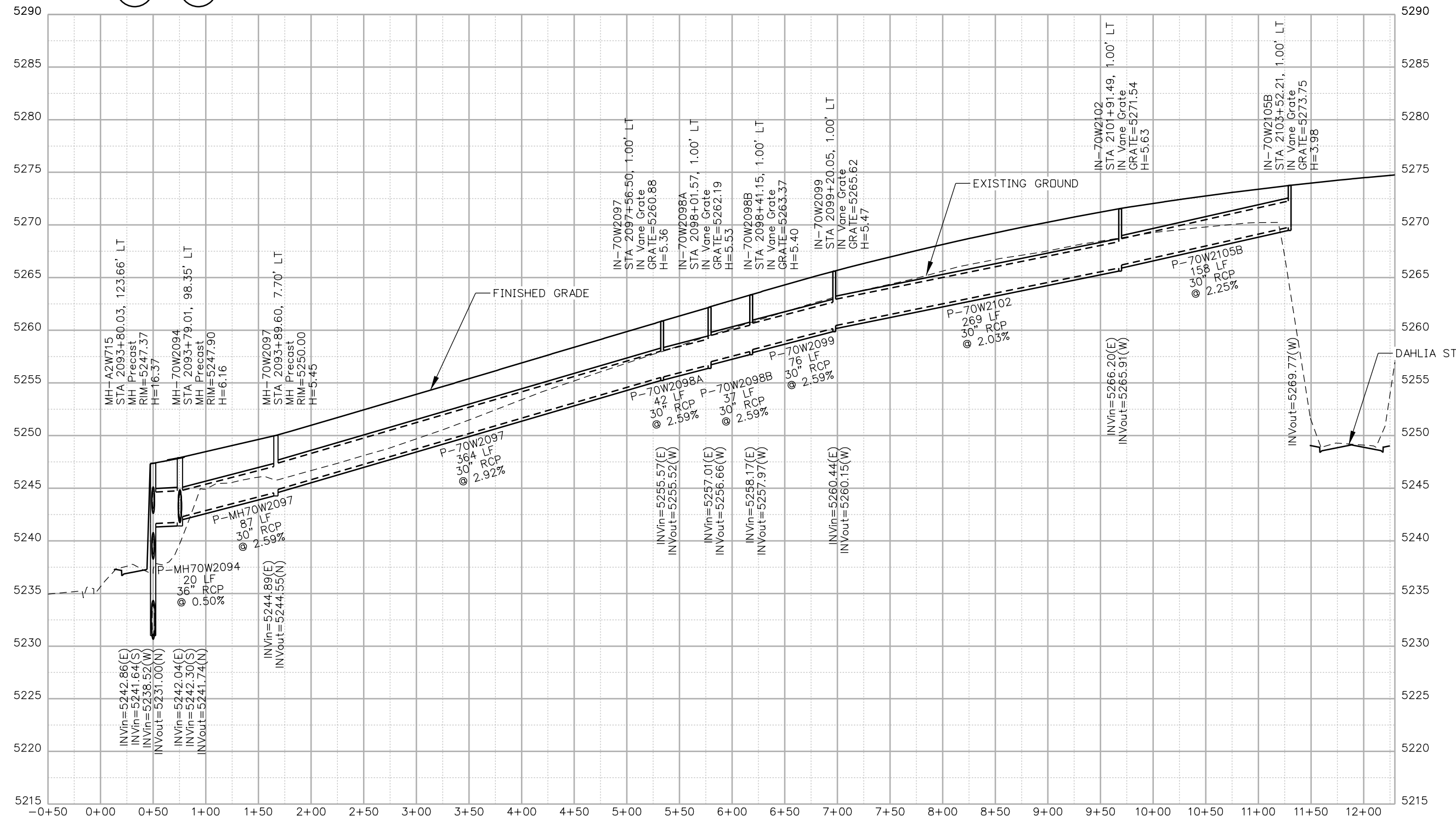
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Sheet Number DP-34



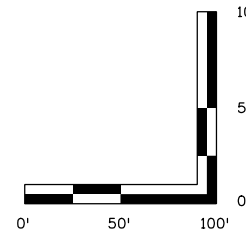
MATCH POINT
5-I

MATCH POINT
6-I



NOTES:

- ALL DRAINAGE CALCULATIONS MODELED WITH REINFORCED CONCRETE PIPE UNLESS NOTED OTHERWISE.



Print Date: 5/24/2017

File Name: 19631HYDR_Prof_DP-35.dgn

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Sheet Revisions

Date:	Comments	Init.

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Void:

**I-70
DRAINAGE PROFILE
OUTFALL: E 46TH AVE (4 OF 5)**

Designer:	J.HOLLON	Structure Numbers	
Detailer:	A.VANCE	Subset Sheets:	35 of
Sheet Subset:	DRAINAGE		

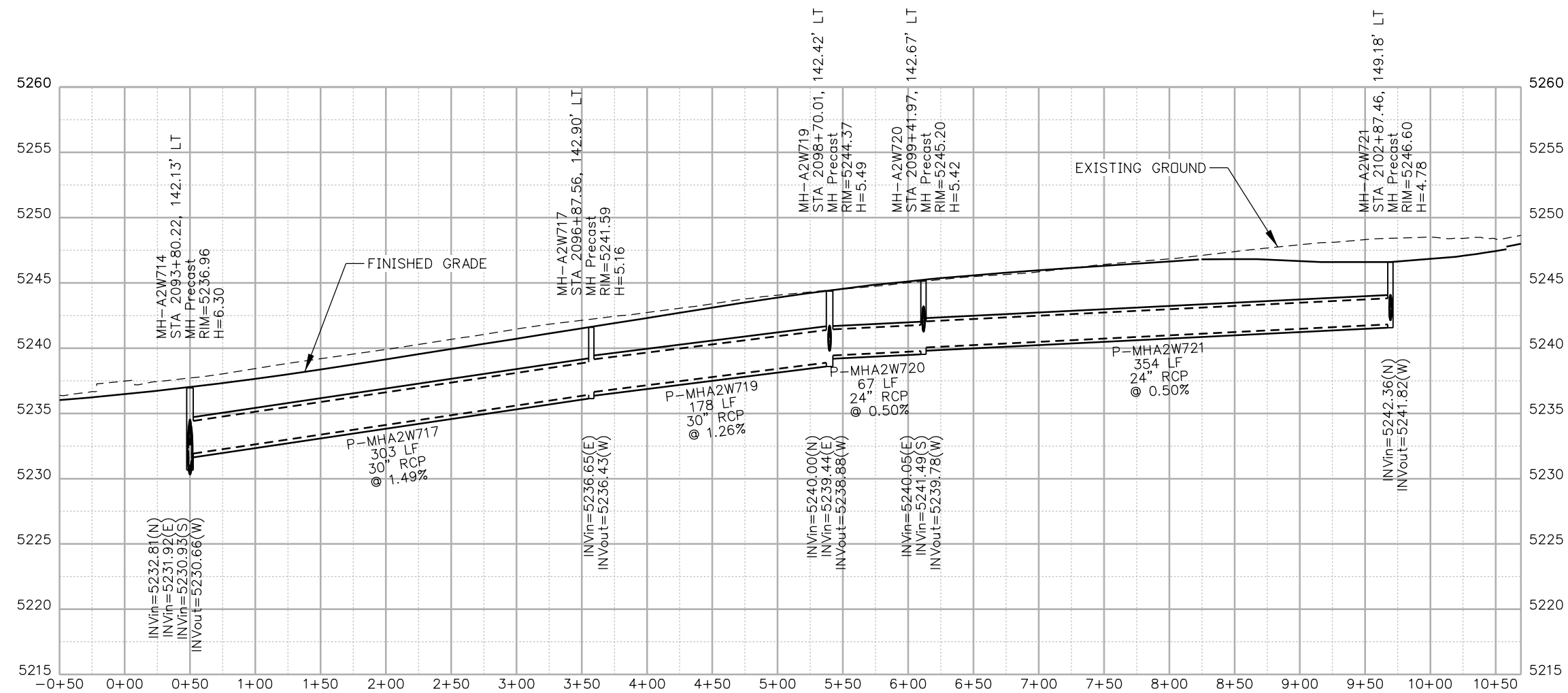
Project No./Code

FBR 0704-234
19631
Sheet Number DP-35

5280 Connectors
Linking I-70 Communities

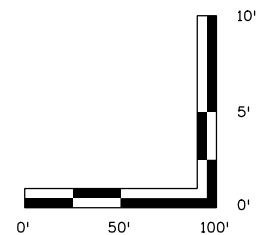
MATCH POINT

4-I



NOTES:

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Print Date: 5/24/2017

File Name: 19631HYDR_Prof_DP-36.dgn

Scale: 1:100

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Void:

**I-70
DRAINAGE PROFILE
OUTFALL: E 46TH AVE (5 OF 5)**

Designer:	J.HOLLON	Structure Numbers	
Detailer:	A.VANCE		
Sheet Subset:	DRAINAGE	Subset Sheets:	36 of

Project No./Code

FBR 0704-234

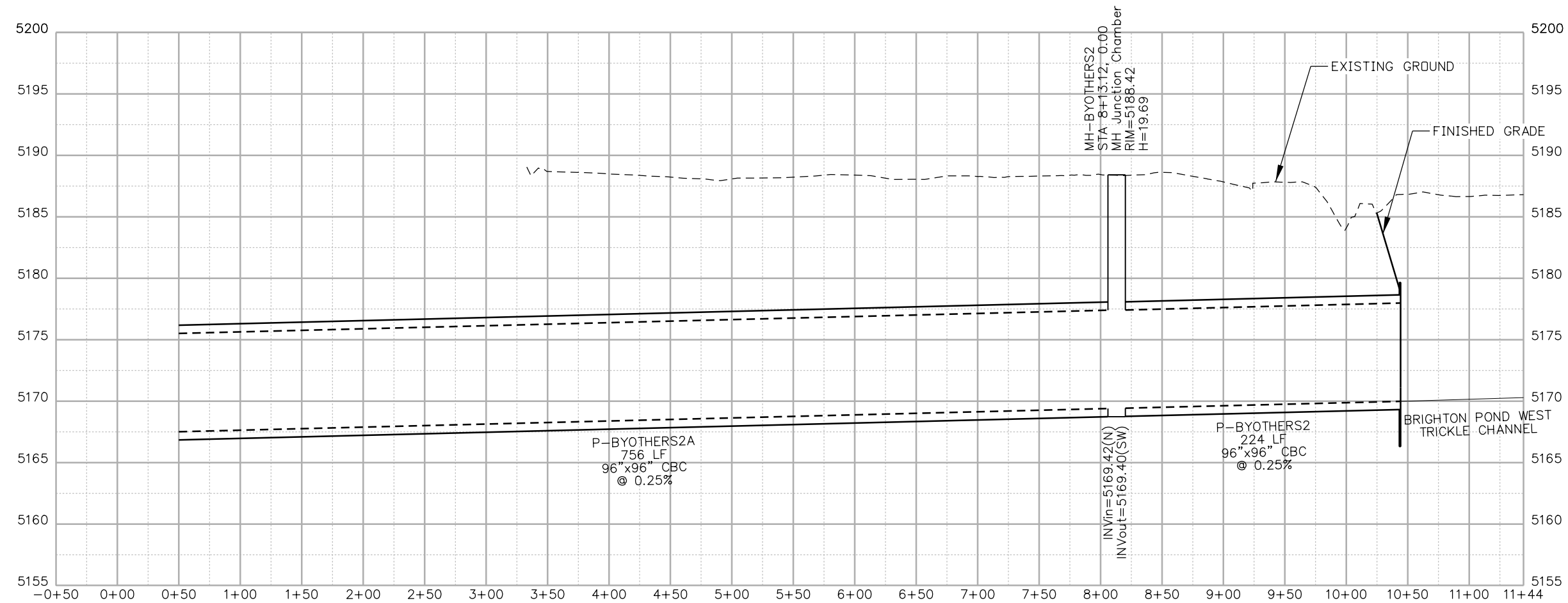
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Sheet Number **DP-36**

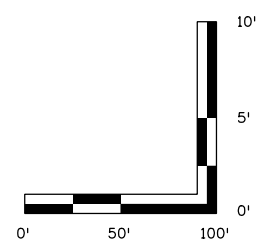


Linking I-70 Communities

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NOTES:
 1. ALL DRAINAGE CALCULATIONS MODELED WITH REINFORCED CONCRETE PIPE UNLESS NOTED OTHERWISE.



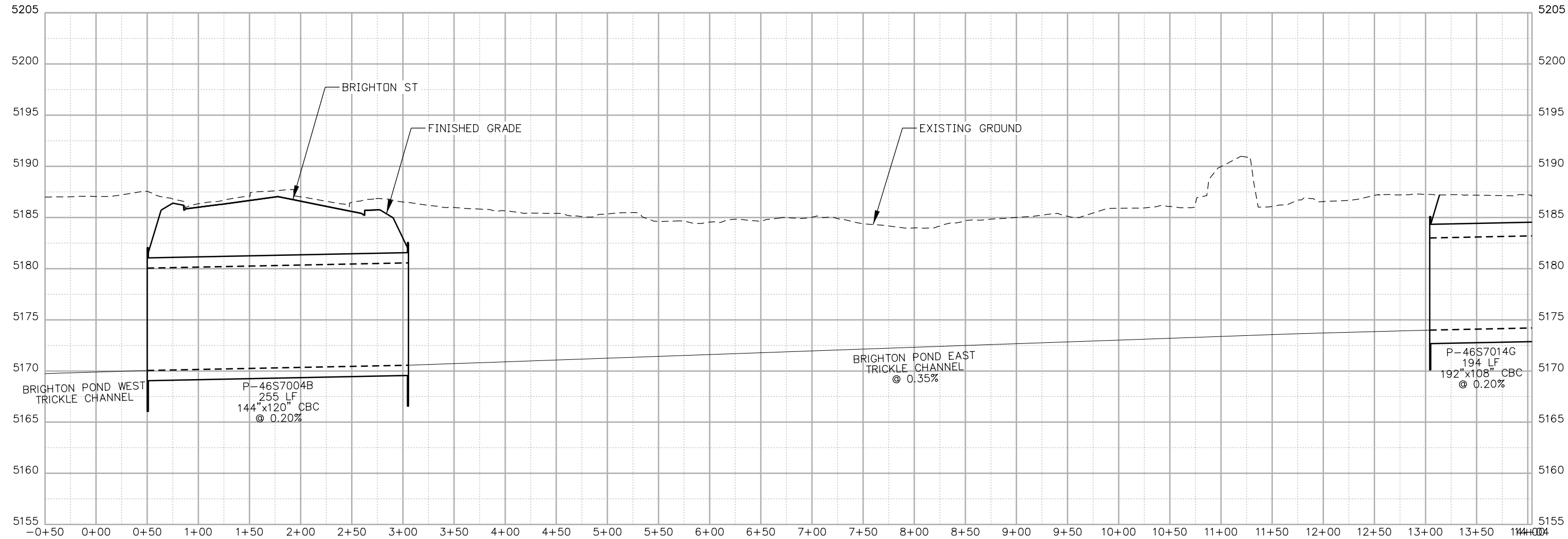
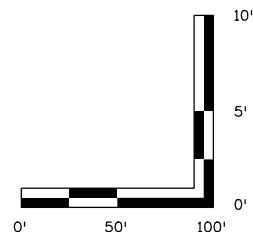
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Date:	Comments	Init.																			



MATCH POINT
1-J

NOTES:

1. ALL DRAINAGE CALCULATIONS MODELED WITH REINFORCED CONCRETE PIPE UNLESS NOTED OTHERWISE.



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**I-70
DRAINAGE PROFILE
OUTFALL: BRIGHTON POND WEST**

Designer: J.HOLLON

Detailer: A.VANCE

Sheet Subset: DRAINAGE

Structure Numbers

Subset Sheets: 38 of

Project No./Code

FBR 0704-234

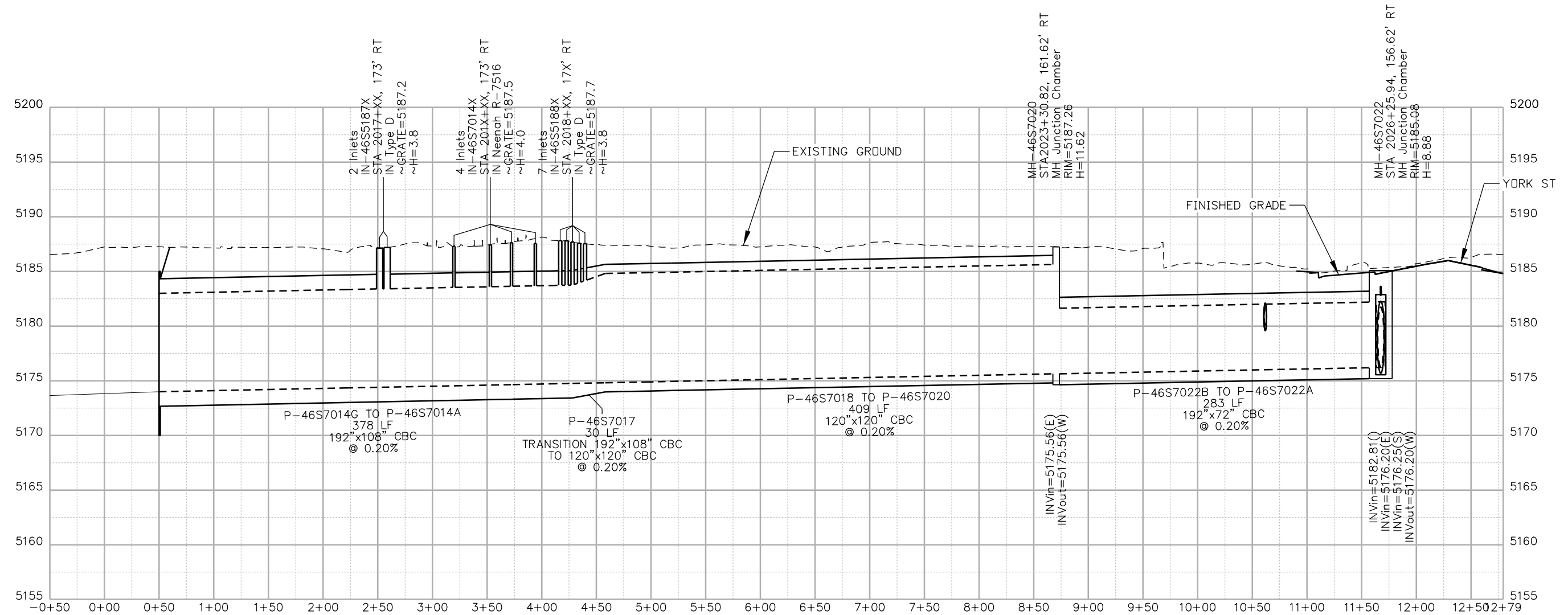
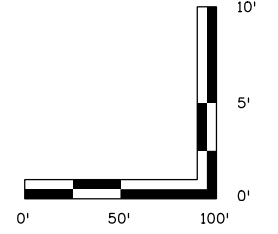
19631

Sheet Number **DP-38**

5280 Connectors
Linking I-70 Communities

MATCH POINT
1-J

NOTES:
1. ALL DRAINAGE CALCULATIONS MODELED WITH REINFORCED CONCRETE PIPE UNLESS NOTED OTHERWISE.



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**I-70
DRAINAGE PROFILE
OUTFALL: BRIGHTON POND EAST**

Designer:	J.HOLLON	Structure Numbers	
Detailer:	A.VANCE	Subset Sheets:	39 of
Sheet Subset:	DRAINAGE		

Project No./Code

FBR 0704-234

19631

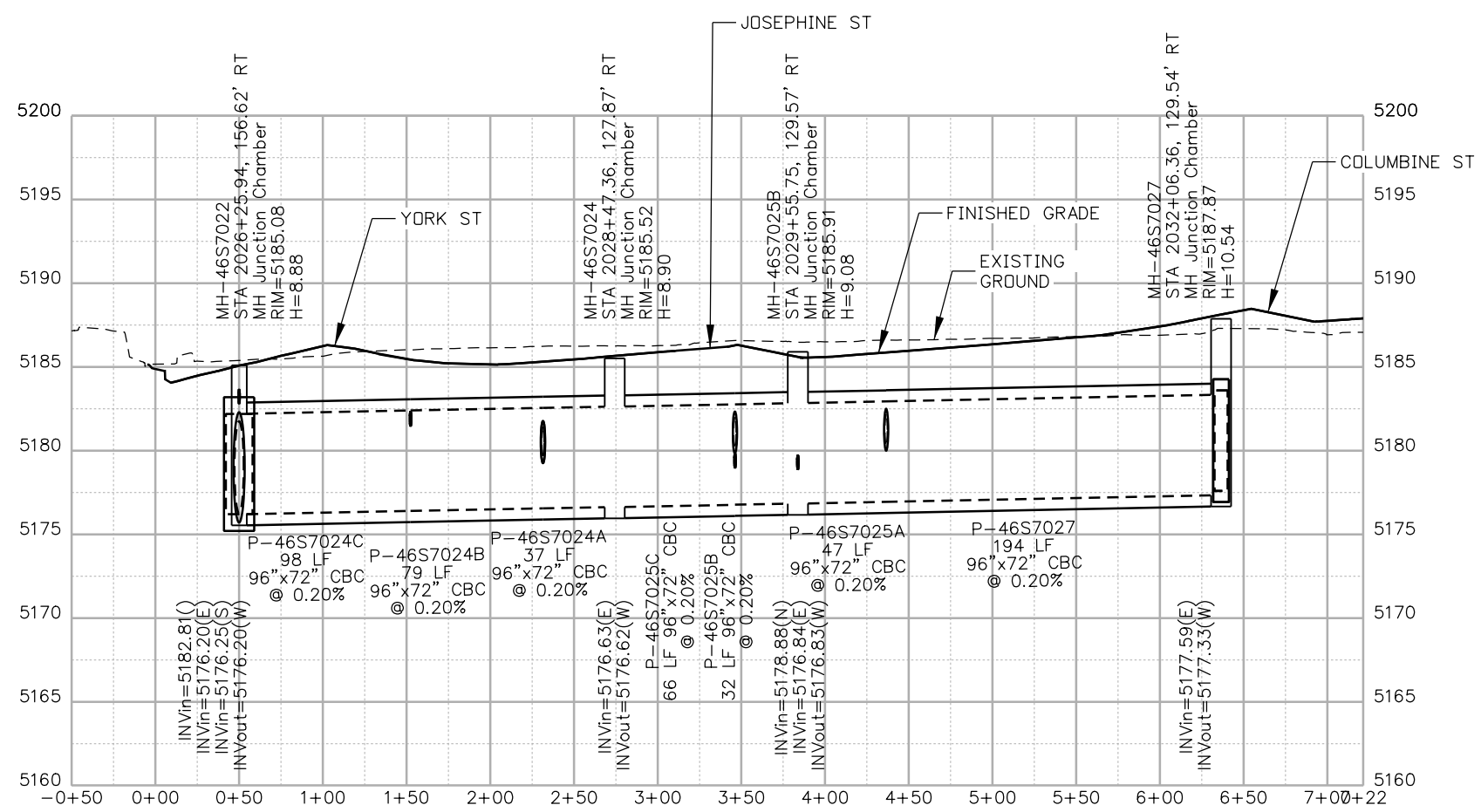
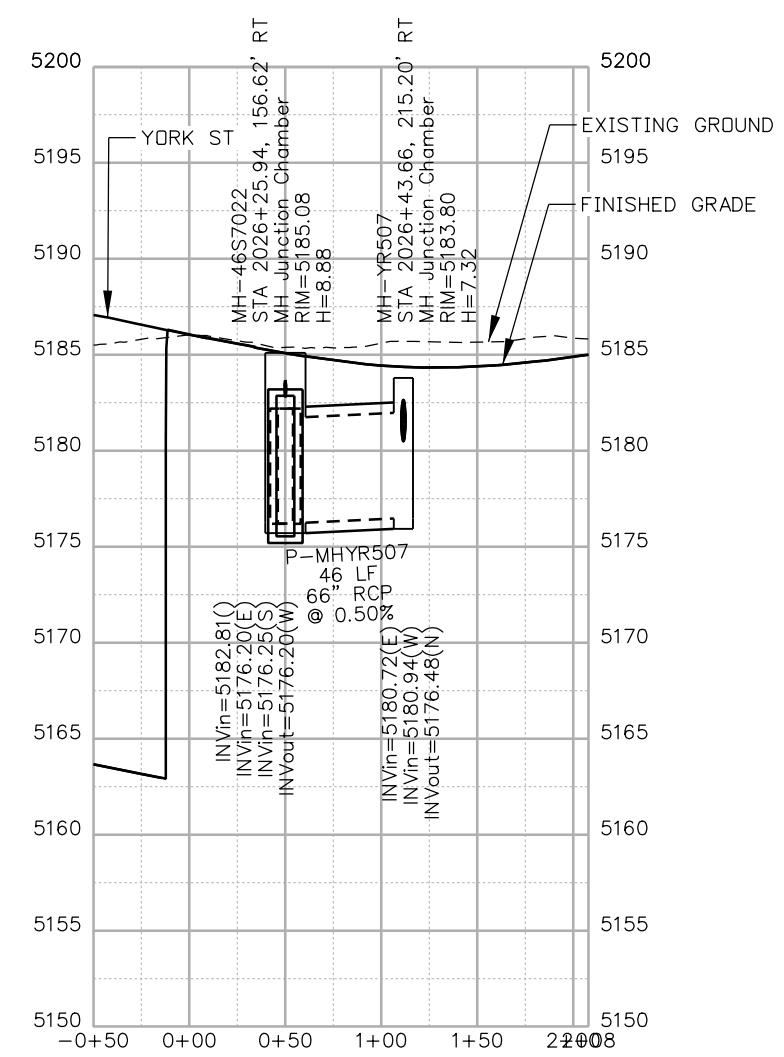
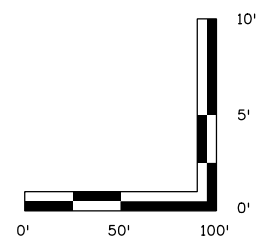
Sheet Number **DP-39**

5280 Connectors
Linking I-70 Communities

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NOTES:

1. ALL DRAINAGE CALCULATIONS MODELED WITH REINFORCED CONCRETE PIPE UNLESS NOTED OTHERWISE.



Print Date: 5/24/2017

File Name: 19631HYDR_Prof_DP-40.dgn
Scale: 1:100

Sheet Revisions		
Date:	Comments	Init.

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Region 1

JKE

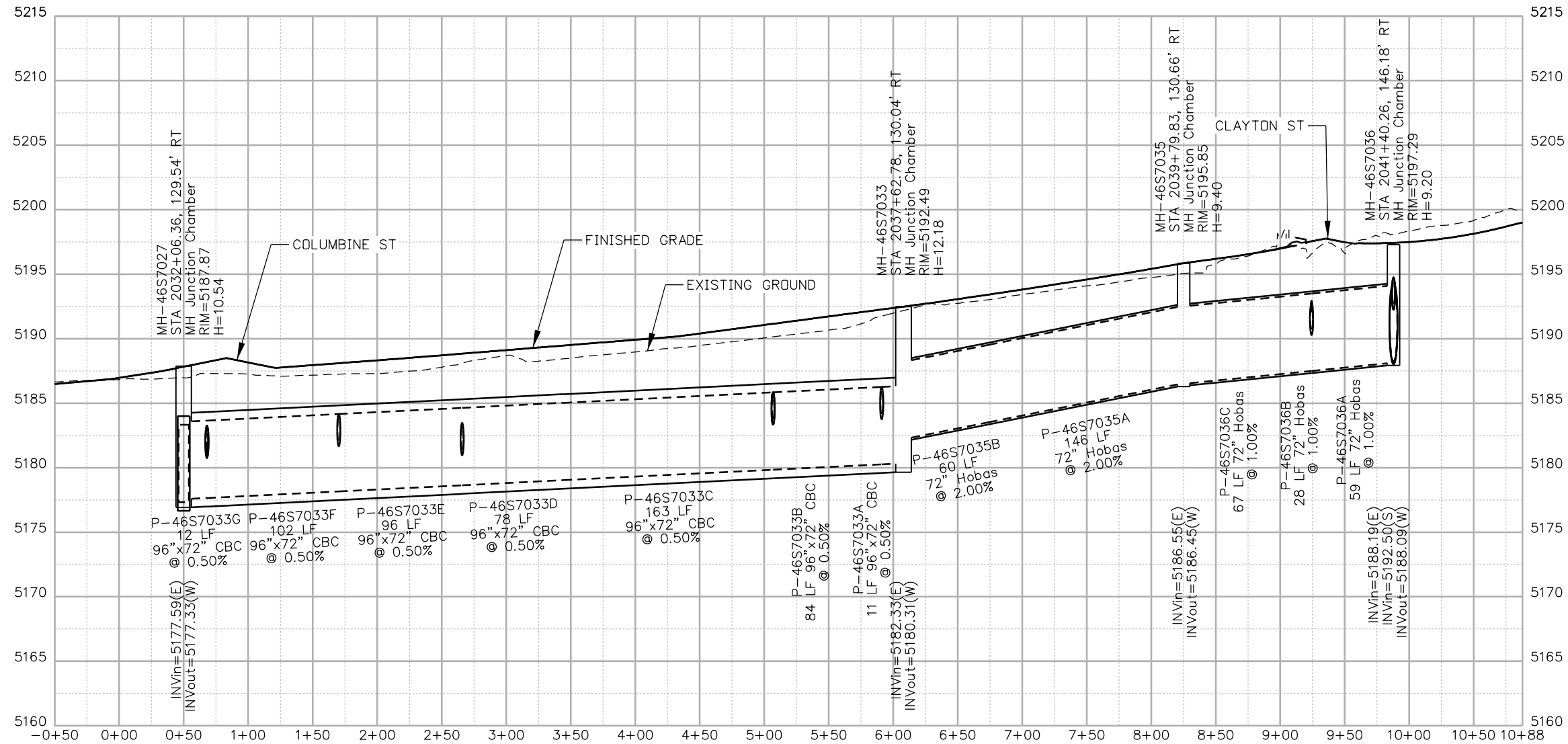
As Constructed
No Revisions:
Revised:
Void:

I-70 DRAINAGE PROFILE	
OUTFALL: YORK ST (1 OF 5)	
Designer: J.HOLLON	Structure Numbers
Detailer: A.VANCE	
Sheet Subset: DRAINAGE	Subset Sheets: 40 of

Project No./Code
FBR 0704-234
19631
Sheet Number DP-40



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NOTES:

1. ALL DRAINAGE CALCULATIONS MODELED WITH REINFORCED CONCRETE PIPE UNLESS NOTED OTHERWISE.

Print Date: 5/24/2017

File Name: 19631HYDR_Prof_DP-41.dgn

Scale: 1:100

Sheet Revisions

Date:	Comments	Init.

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**I-70
DRAINAGE PROFILE
OUTFALL: YORK ST (2 OF 5)**

Designer:	J.HOLLON	Structure Numbers	
Detailer:	A.VANCE		
Sheet Subset:	DRAINAGE	Subset Sheets:	41 of

Project No./Code

FBR 0704-234

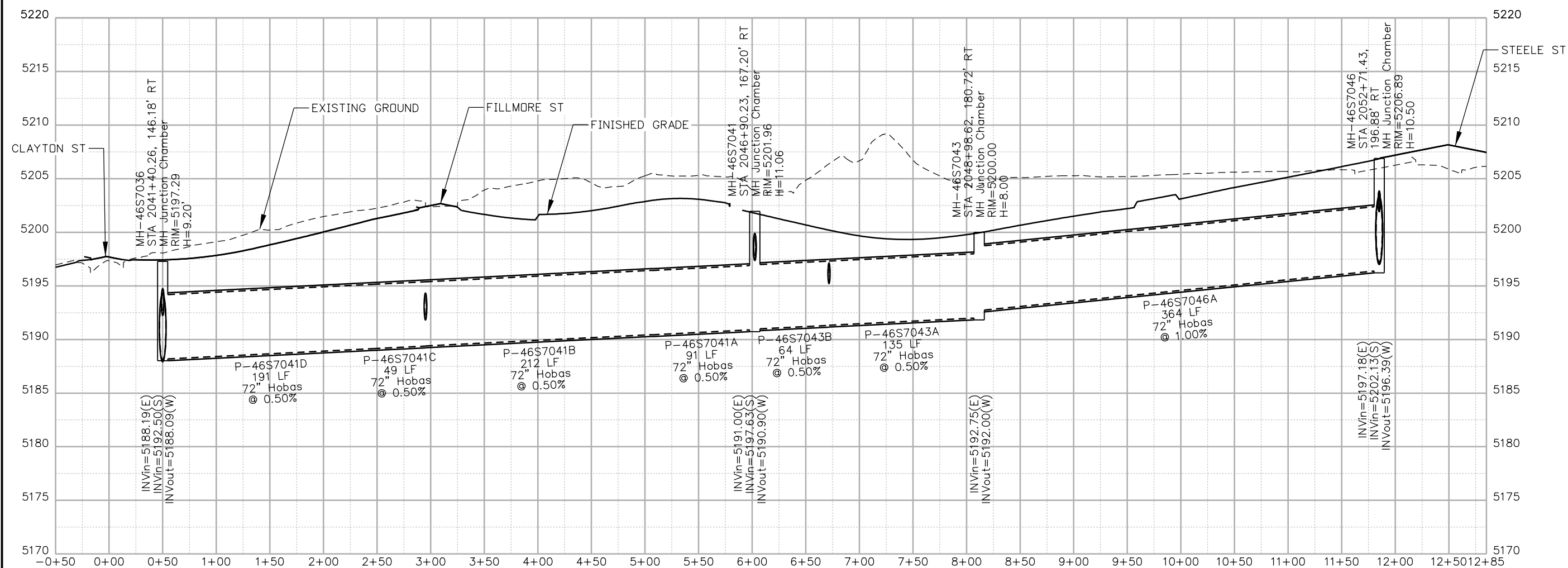
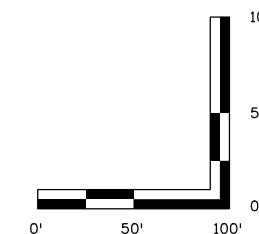
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Sheet Number **DP-41**



NOTES:

- ALL DRAINAGE CALCULATIONS MODELED WITH REINFORCED CONCRETE PIPE UNLESS NOTED OTHERWISE.



Print Date: 5/24/2017

File Name: 19631HYDR_Prof_DP-42.dgn

Scale: 1:100

Sheet Revisions

Date:	Comments	Init.

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Void:

**I-70
DRAINAGE PROFILE
OUTFALL: YORK ST (3 OF 5)**

Designer: J.HOLLON
Detailer: A.VANCE
Sheet Subset: DRAINAGE

Structure Numbers
Subset Sheets: 42 of

Project No./Code

FBR 0704-234

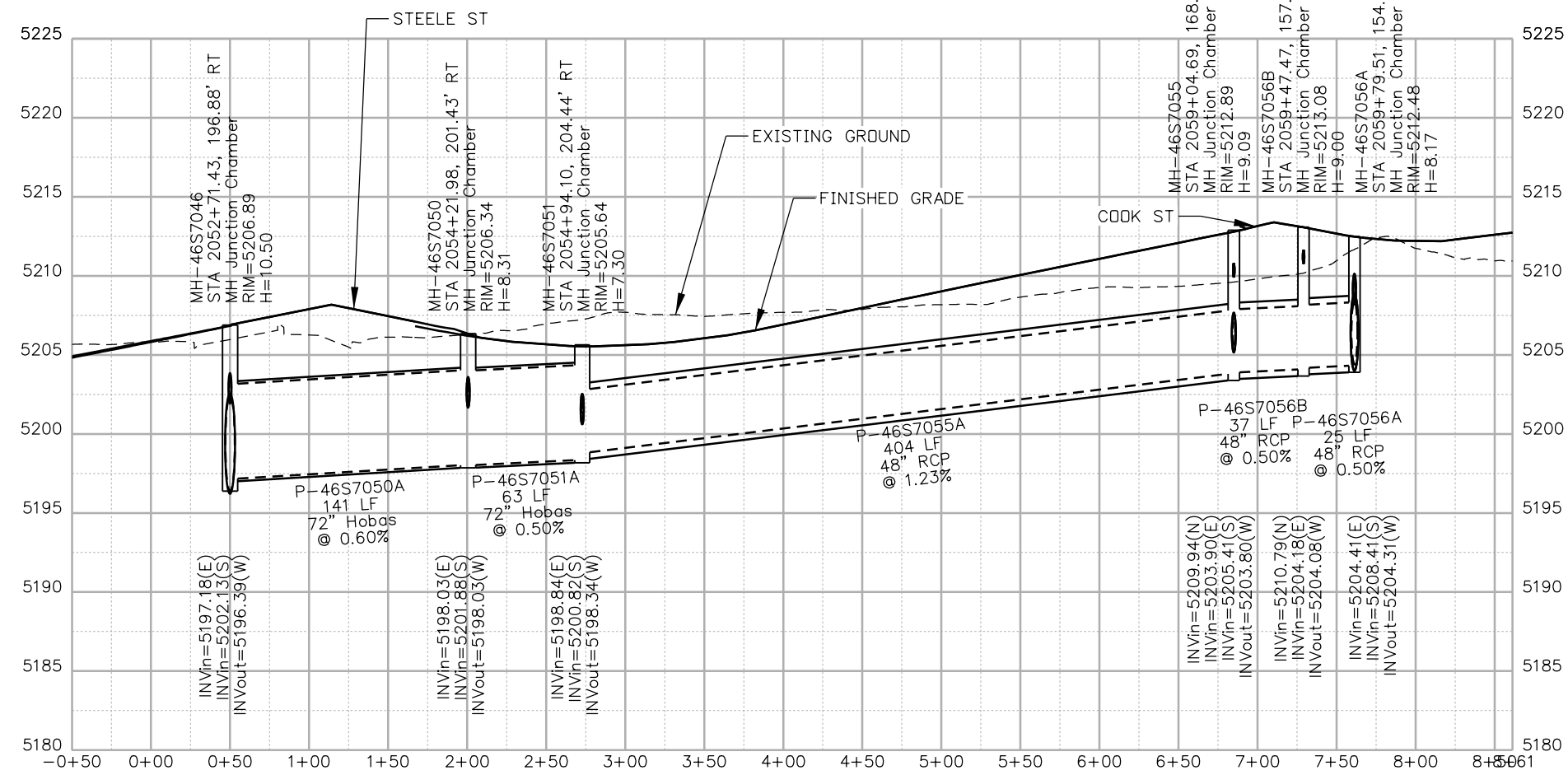
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Sheet Number **DP-42**

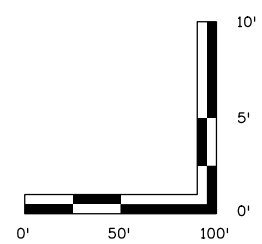


Linking I-70 Communities

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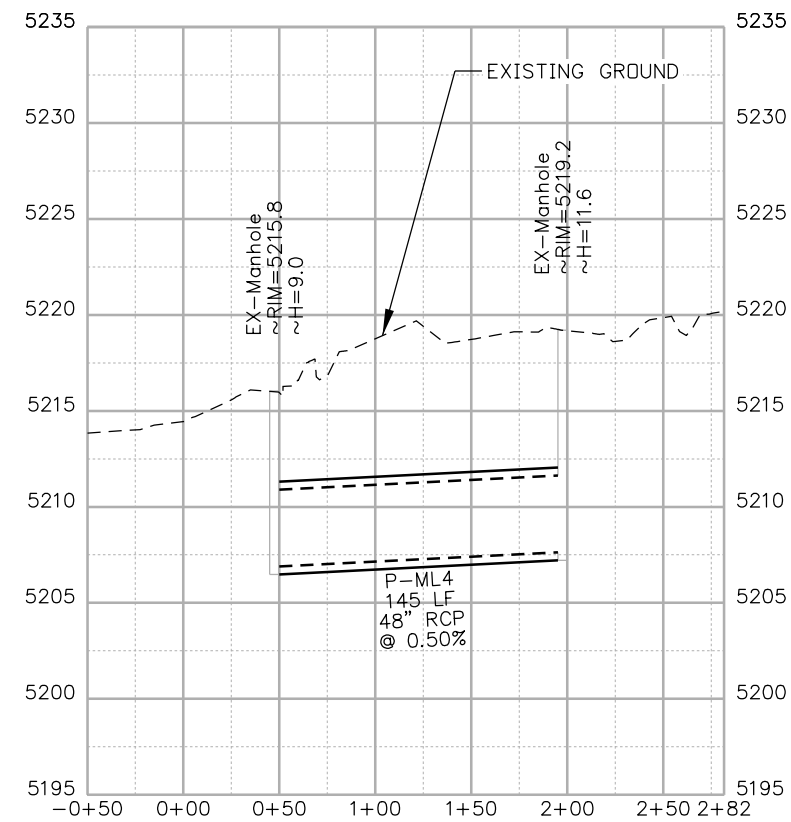


NOTES:
 1. ALL DRAINAGE CALCULATIONS MODELED WITH REINFORCED CONCRETE PIPE UNLESS NOTED OTHERWISE.



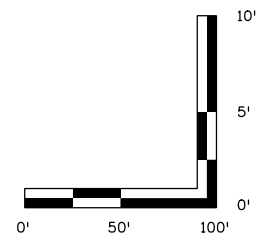
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File Name: 19631HYDR_Prof_DP-43.dgn	Date:	Comments	Init.	 2000 South Holly Street Denver, CO 80222 Phone: 303-757-9295 FAX: 303-757-9963 Region 1		No Revisions:		Designer: J.HOLLON		FBR 0704-234	
Scale: 1:100						Revised:		Detailer: A.VANCE		19631	
						Void:		Sheet Subset: DRAINAGE		Subset Sheets: 43 of	

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NOTES:

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Print Date: 5/24/2017

File Name: 19631HYDR_Prof_DP-45.dgn

Scale: 1:100

Sheet Revisions

Date:	Comments	Init.

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Void:

**I-70
 DRAINAGE PROFILE
 OUTFALL: 45TH/ MADISON (1 OF 1)**

Designer: J.HOLLON

Detailer: A.VANCE

Sheet Subset: DRAINAGE

Structure Numbers

Subset Sheets: 45 of

Project No./Code

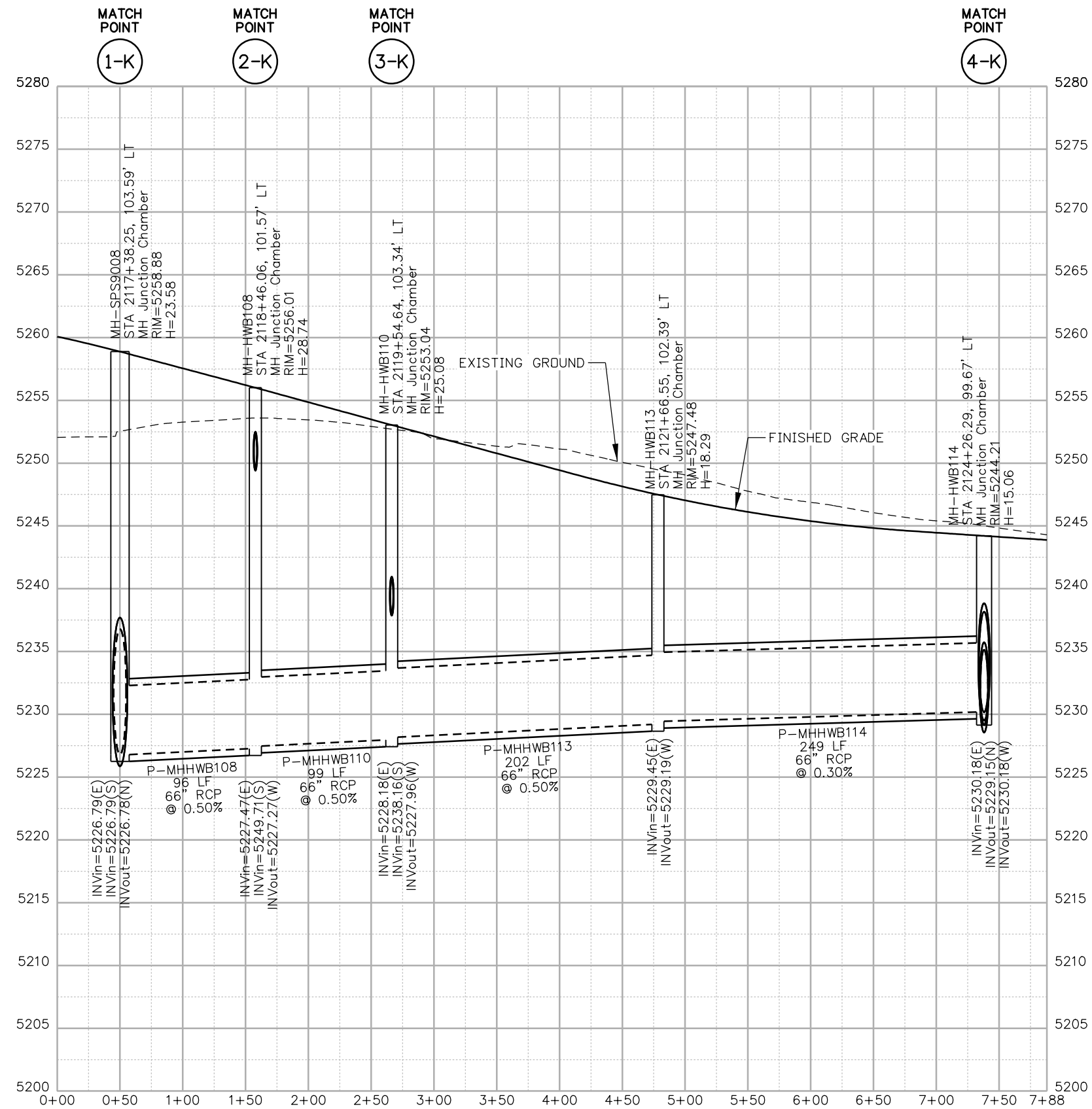
FBR 0704-234

19631

Sheet Number **DP-45**

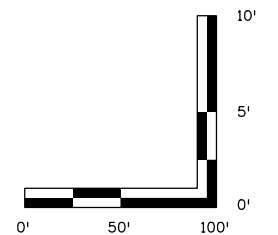


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NOTES:

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Print Date: 5/24/2017

File Name: 19631HYDR_Prof_DP-46.dgn

Scale: 1:100

5280 Connectors
Linking I-70 Communities

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Sheet Revisions

Date:	Comments	Init.

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**I-70
DRAINAGE PROFILE
OUTFALL: FOREST ST (1 OF 5)**

Designer:	J.HOLLON	Structure Numbers	
Detailer:	A.VANCE		
Sheet Subset:	DRAINAGE	Subset Sheets:	46 of

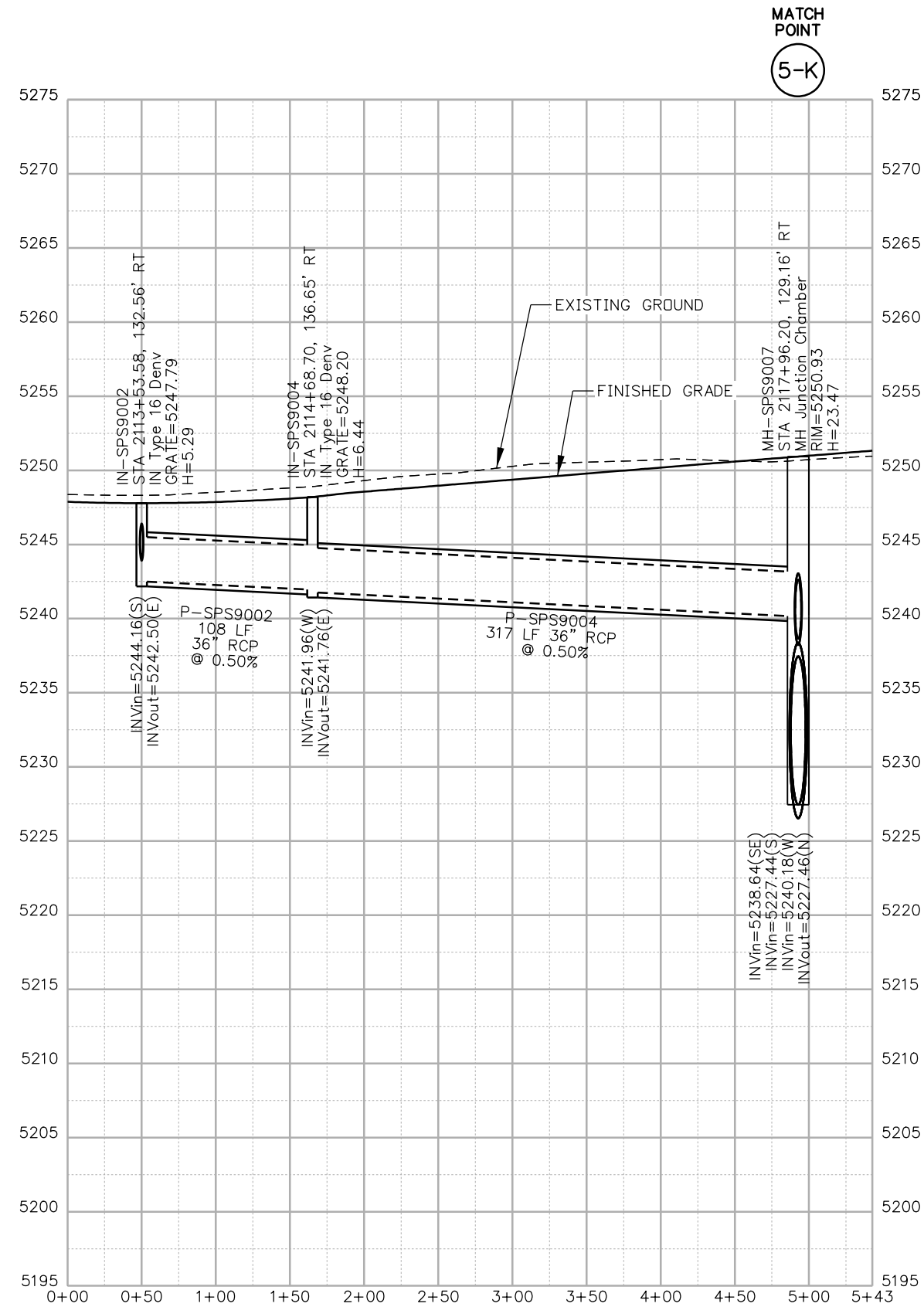
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FBR 0704-234

19631

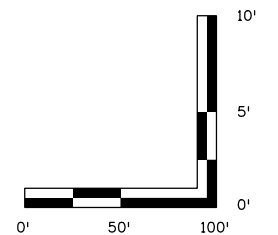
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NOTES:

- ALL DRAINAGE CALCULATIONS MODELED WITH REINFORCED CONCRETE PIPE UNLESS NOTED OTHERWISE.

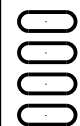


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5280 Connectors
Linking I-70 Communities



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**I-70
DRAINAGE PROFILE
OUTFALL: FOREST ST (2 OF 5)**

Designer: J.HOLLON

Detailer: A.VANCE

Sheet Subset: DRAINAGE

Structure Numbers

Subset Sheets: 47 of

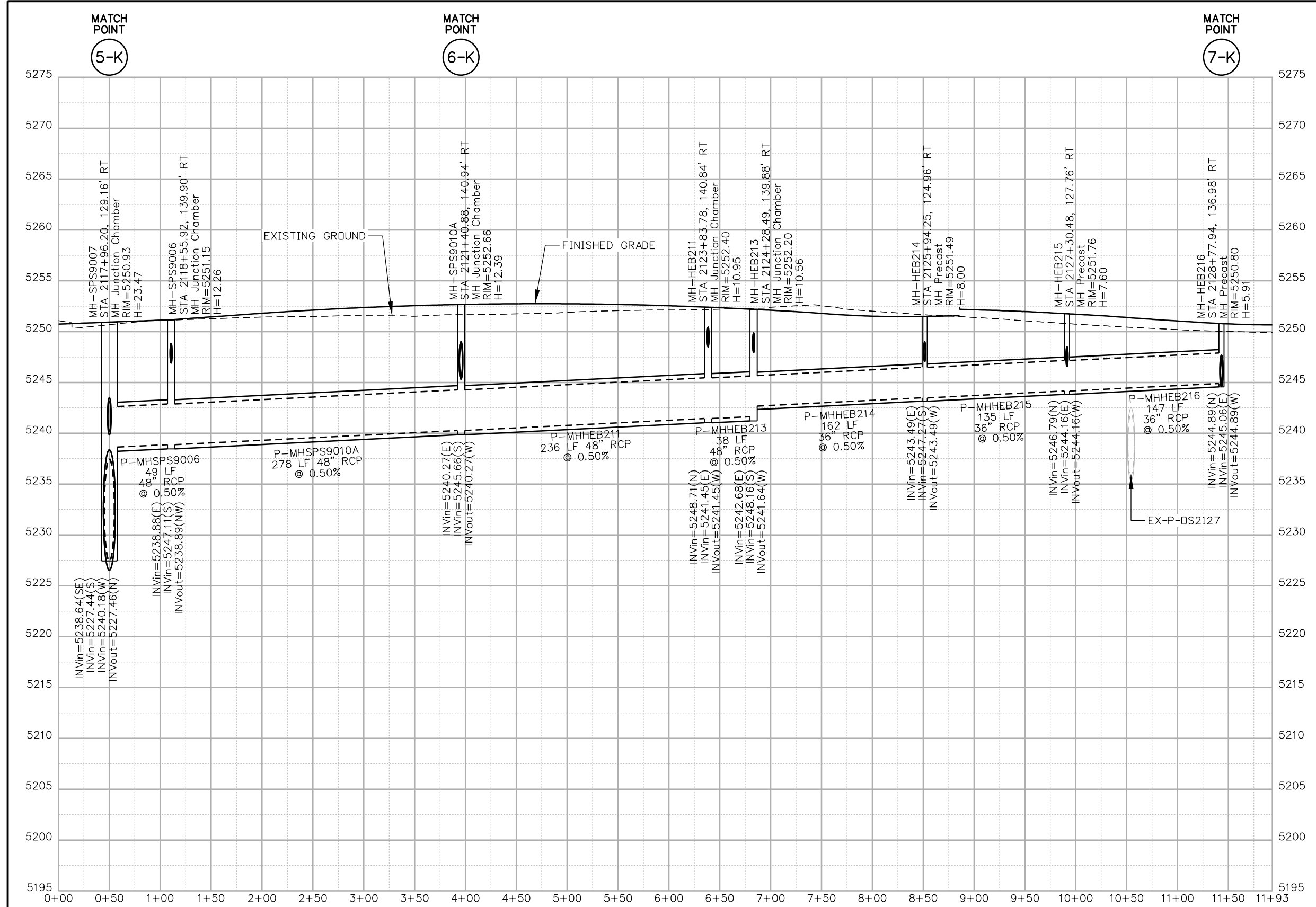
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FBR 0704-234

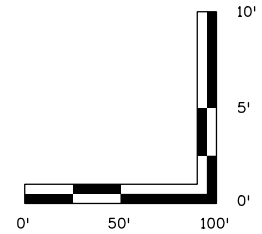
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Sheet Number **DP-47**

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- NOTES:**
- ALL DRAINAGE CALCULATIONS MODELED WITH REINFORCED CONCRETE PIPE UNLESS NOTED OTHERWISE.



Print Date: 5/24/2017
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5280 Connectors
 Linking I-70 Communities

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

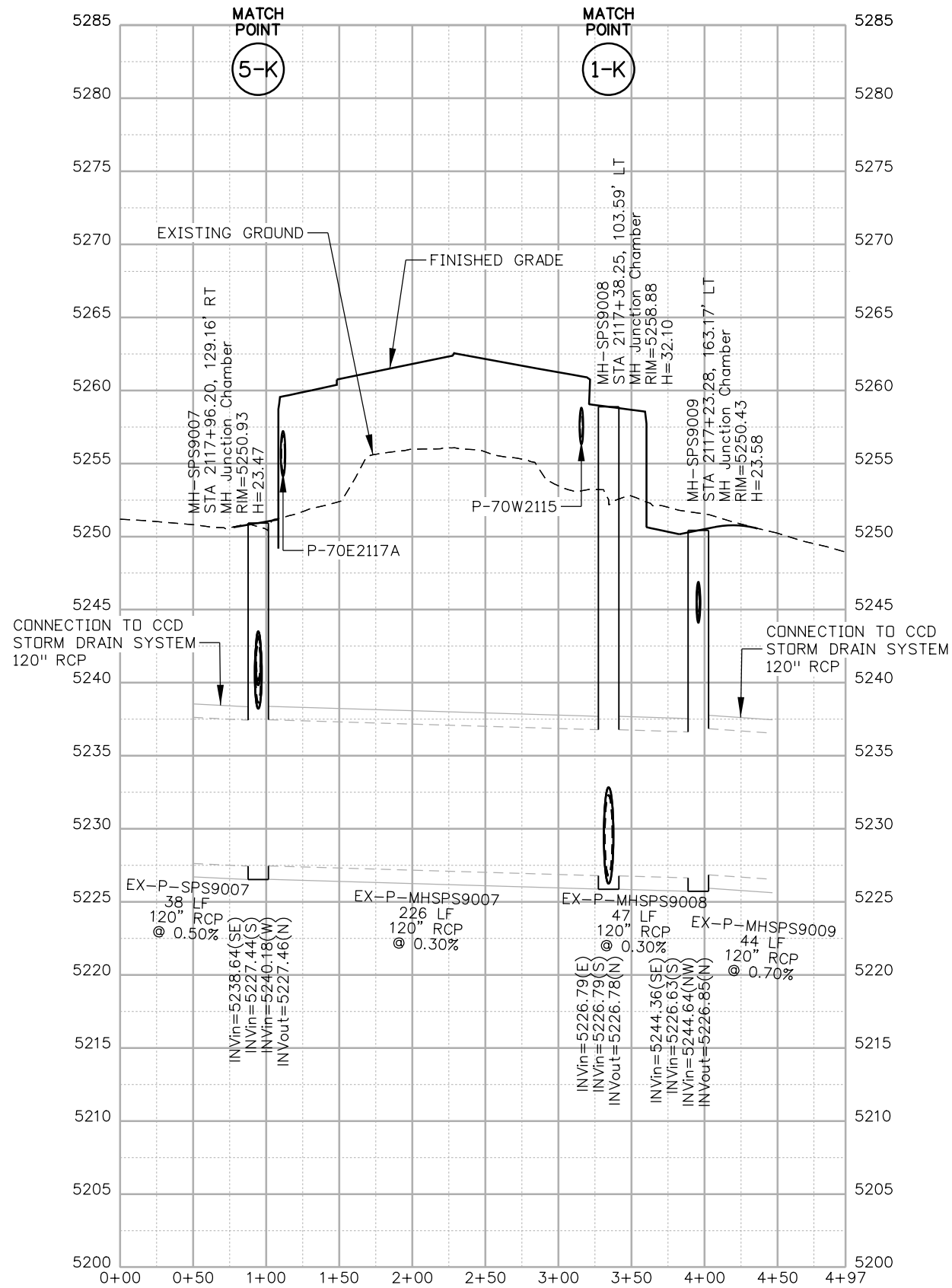
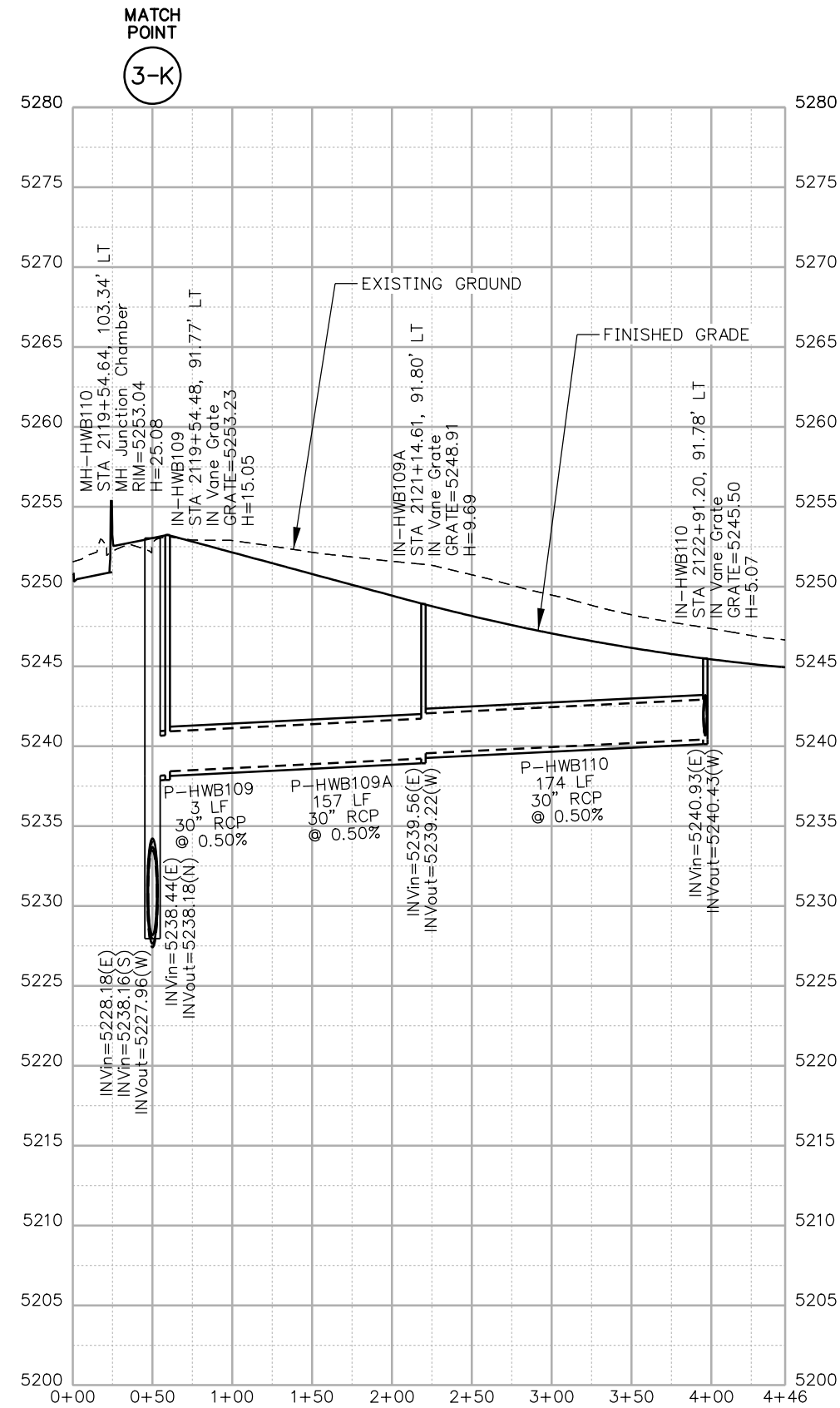
 2000 South Holly Street
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Region 1

As Constructed
 No Revisions:
 Revised:
 Void:

I-70 DRAINAGE PROFILE
OUTFALL: FOREST ST (3 OF 5)
 Designer: J.HOLLON
 Detailer: A.VANCE
 Sheet Subset: DRAINAGE
 Structure Numbers:
 Subset Sheets: 48 of

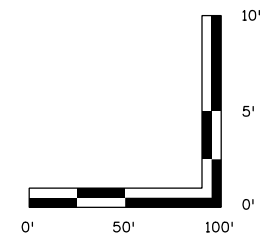
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 FBR 0704-234
 19631
Sheet Number DP-48

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NOTES:

1. ALL DRAINAGE CALCULATIONS MODELED WITH REINFORCED CONCRETE PIPE UNLESS NOTED OTHERWISE.



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File Name: 19631HYDR_Prof_DP-49.dgn

Scale: 1:100

5280 Connectors
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Void:

**I-70
DRAINAGE PROFILE
OUTFALL: FOREST ST (4 OF 5)**

Designer:	J.HOLLON	Structure Numbers	
Detailer:	A.VANCE		
Sheet Subset:	DRAINAGE	Subset Sheets:	49 of

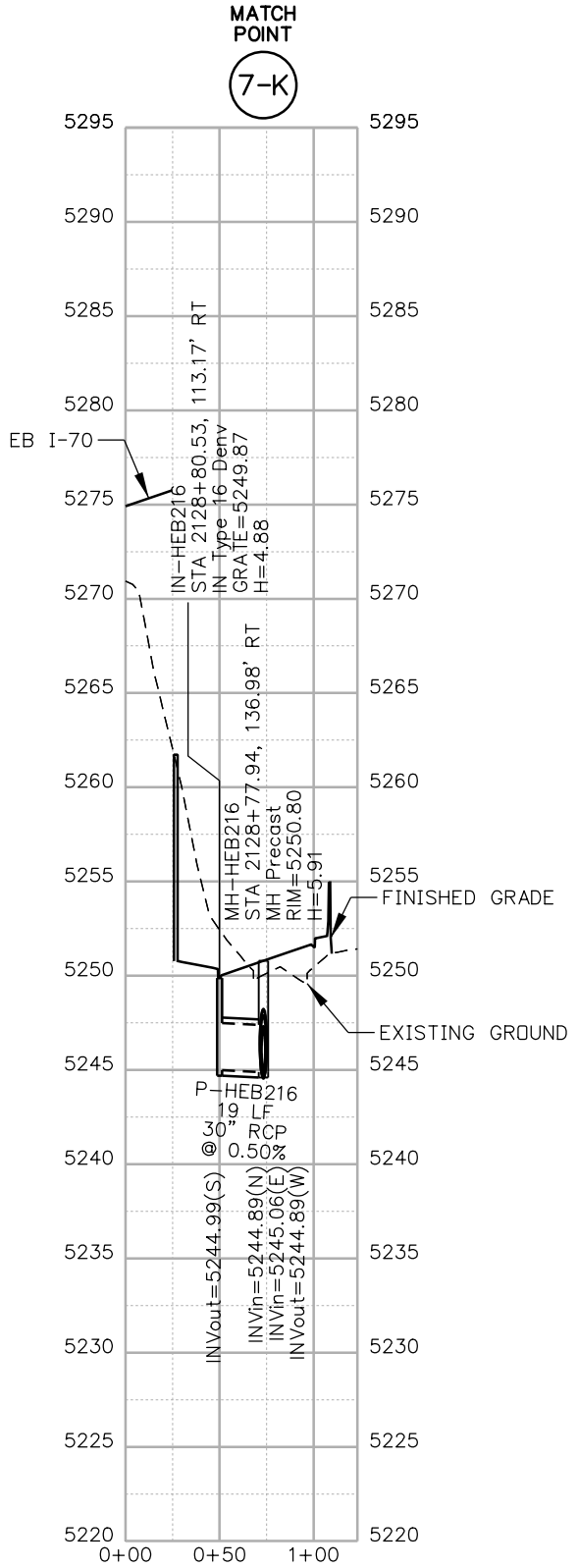
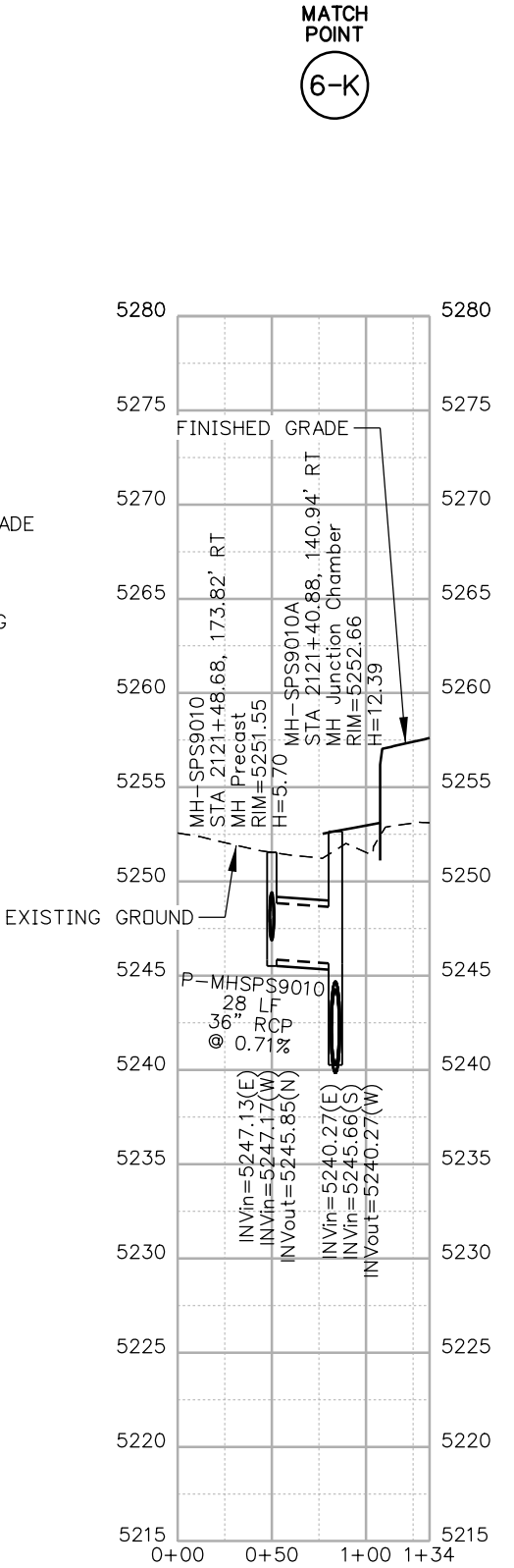
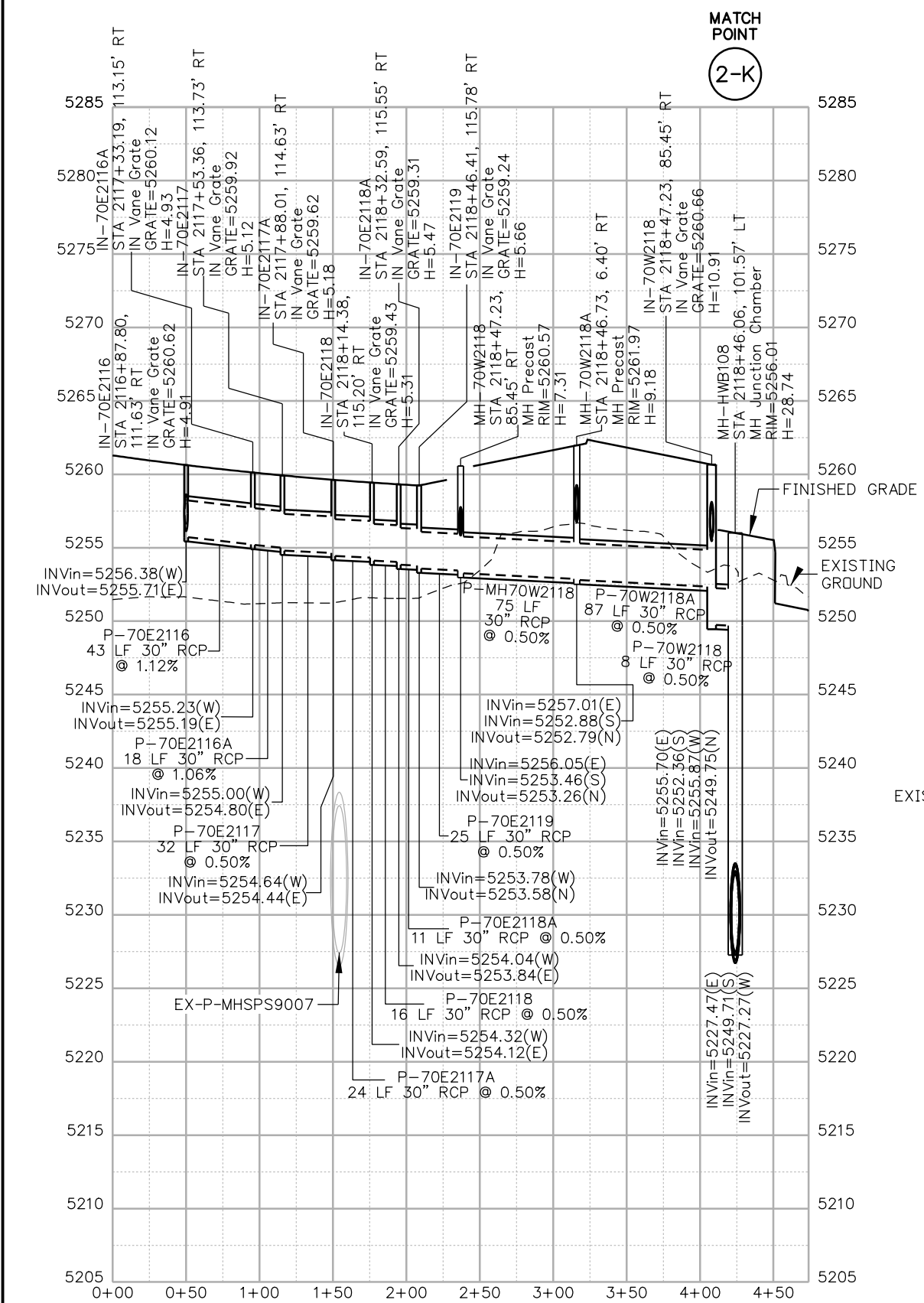
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FBR 0704-234

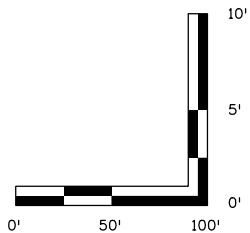
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Sheet Number **DP-49**

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- NOTES:**
1. ALL DRAINAGE CALCULATIONS MODELED WITH REINFORCED CONCRETE PIPE UNLESS NOTED OTHERWISE.



Print Date: 5/24/2017
File Name: 19631HYDR_Prof_DP-50.dgn
Scale: 1:100

Sheet Revisions		
Date:	Comments	Init.

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Region 1 JKE

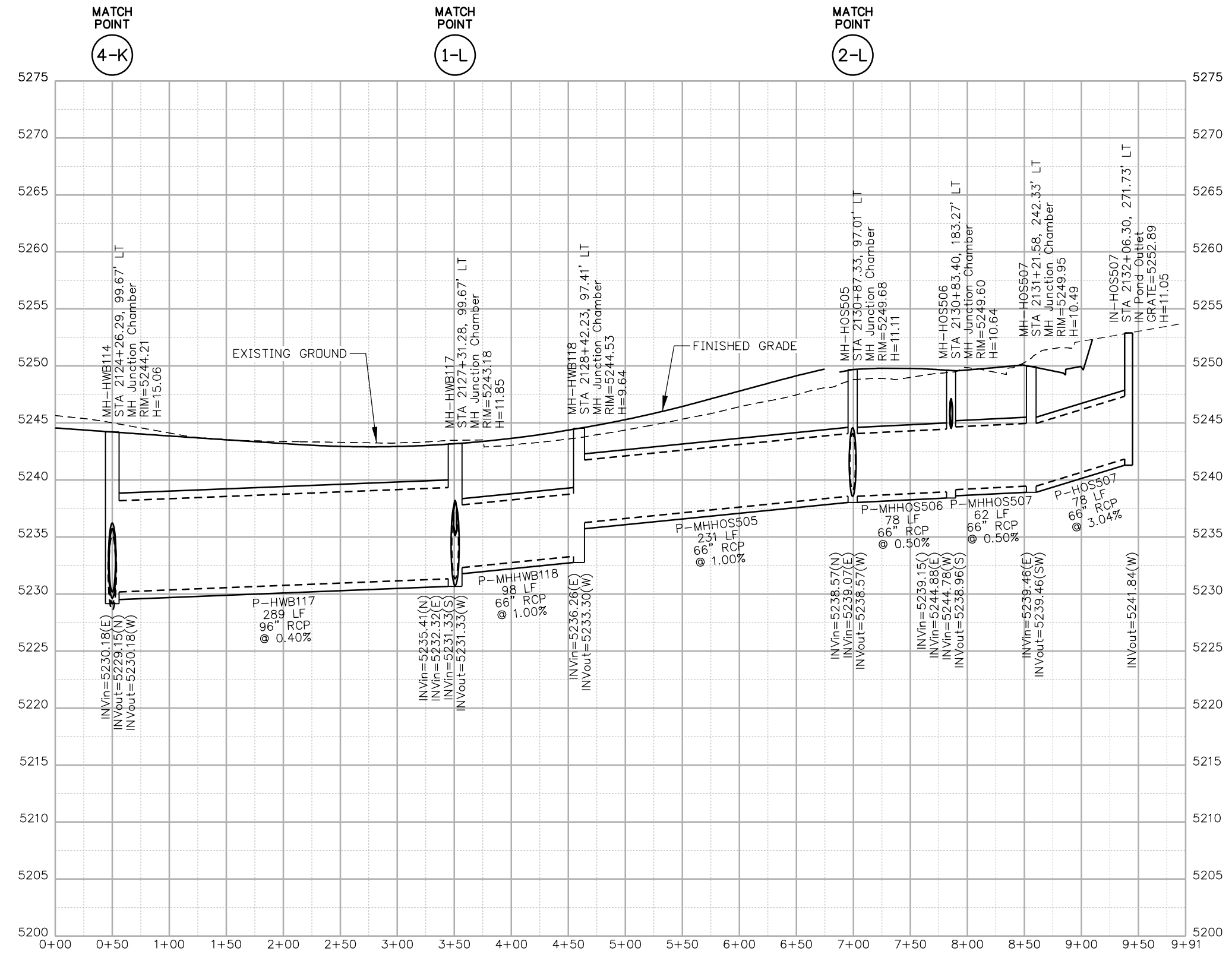
As Constructed
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Revised:
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OUTFALL: FOREST ST (5 OF 5)	
Designer:	J.HOLLON
Detailer:	A.VANCE
Structure Numbers	
Sheet Subset:	DRAINAGE
Subset Sheets:	50 of

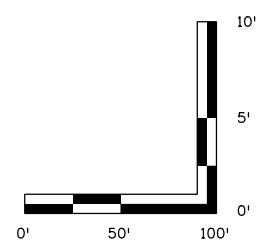
Project No./Code	FBR 0704-234
	19631
Sheet Number	DP-50



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- NOTES:**
- ALL DRAINAGE CALCULATIONS MODELED WITH REINFORCED CONCRETE PIPE UNLESS NOTED OTHERWISE.



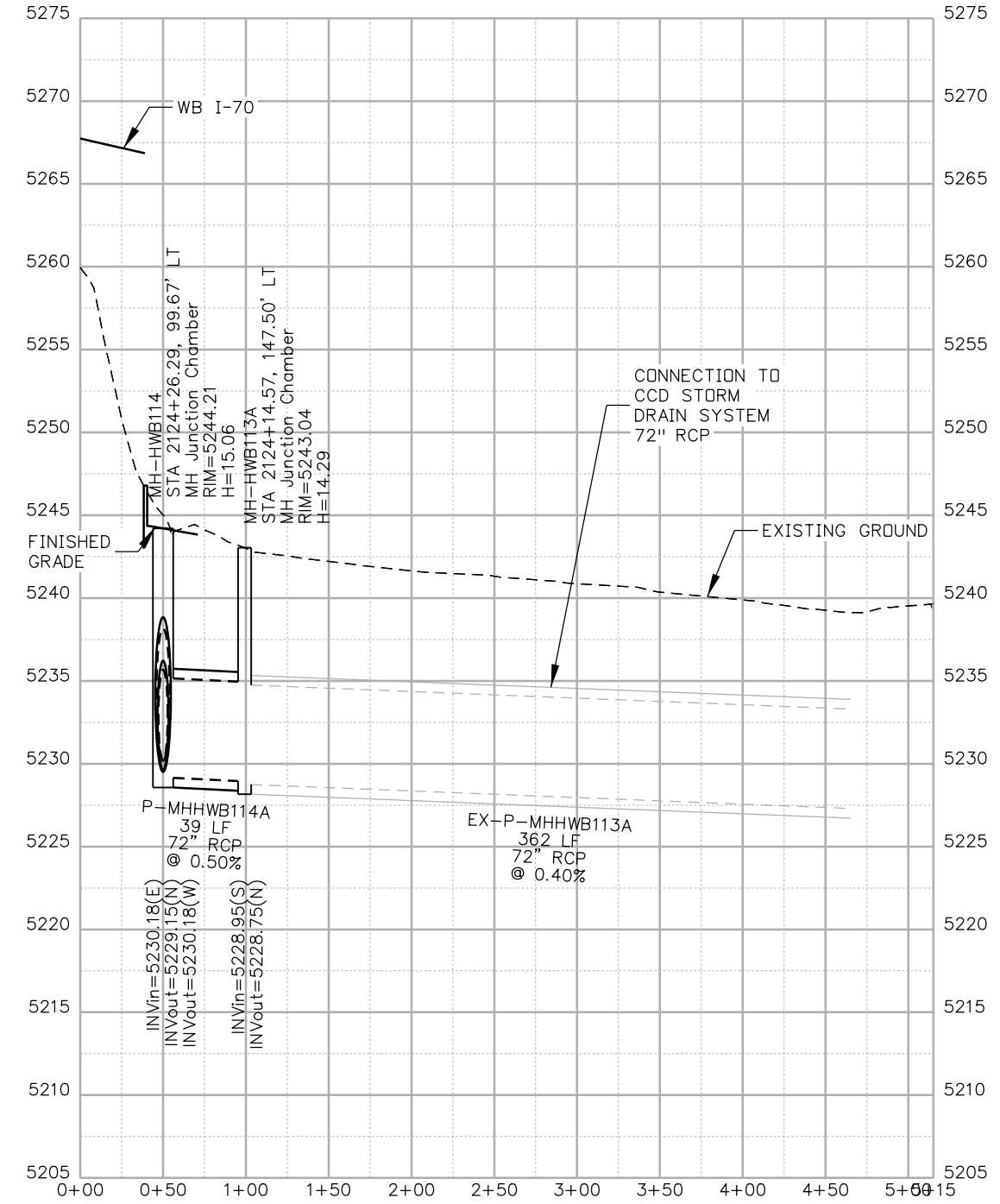
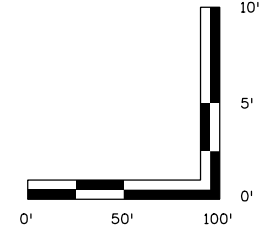
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Scale: 1:100							Revised:	Detailer: A.VANCE		19631	
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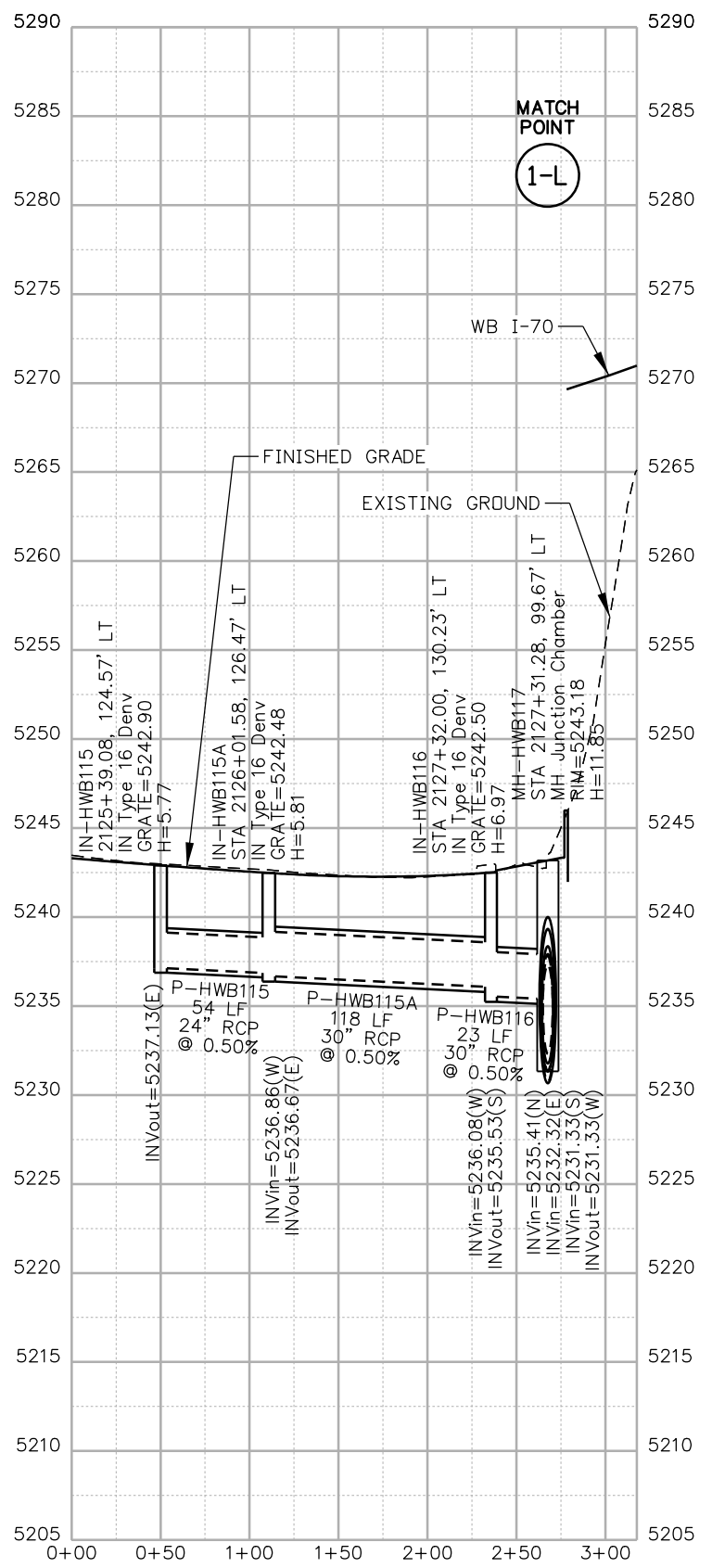
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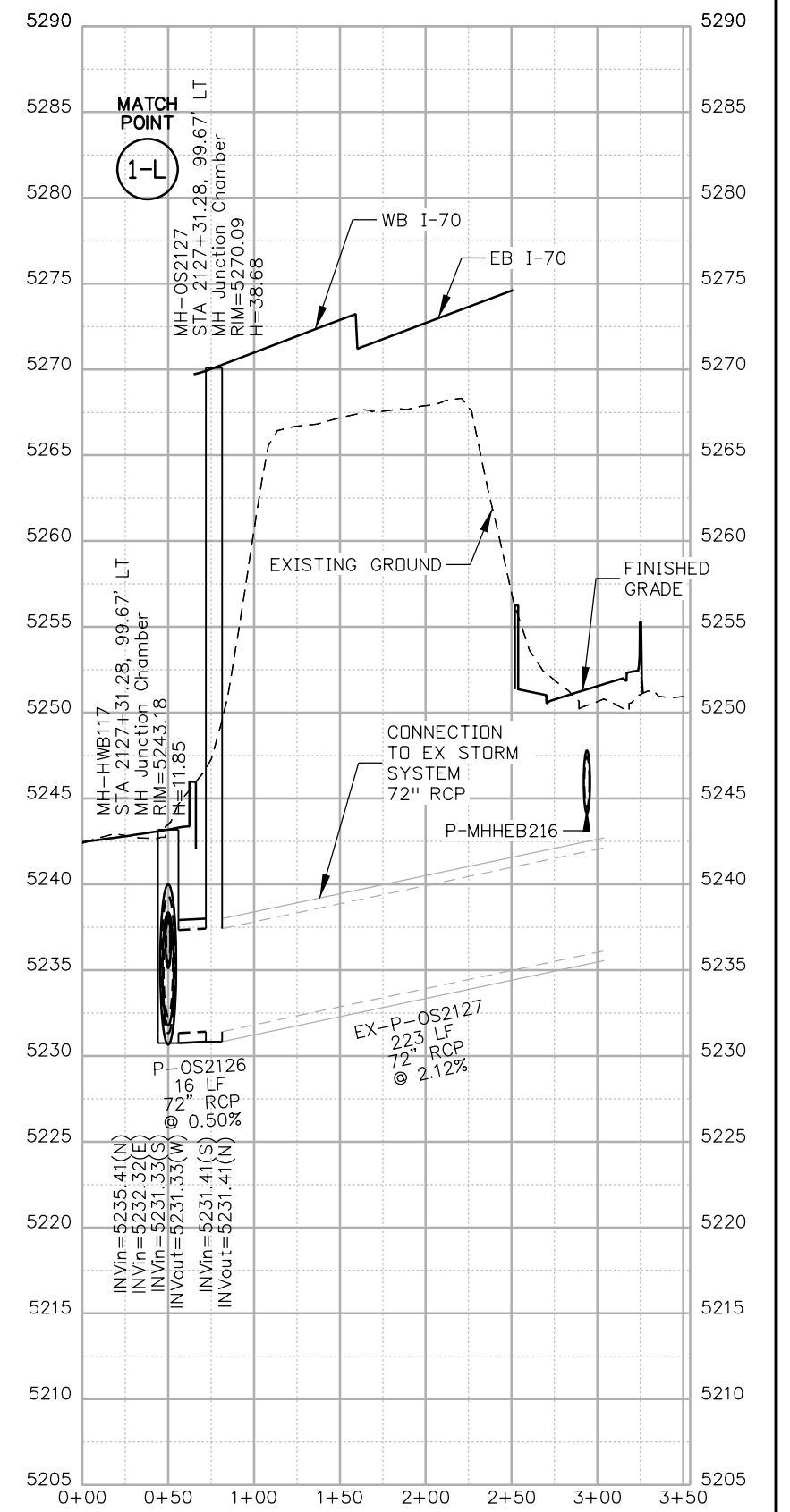
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4-K



MATCH POINT
1-L



MATCH POINT
1-L



Print Date: 5/24/2017
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5280 Connectors
 Linking I-70 Communities

Sheet Revisions		
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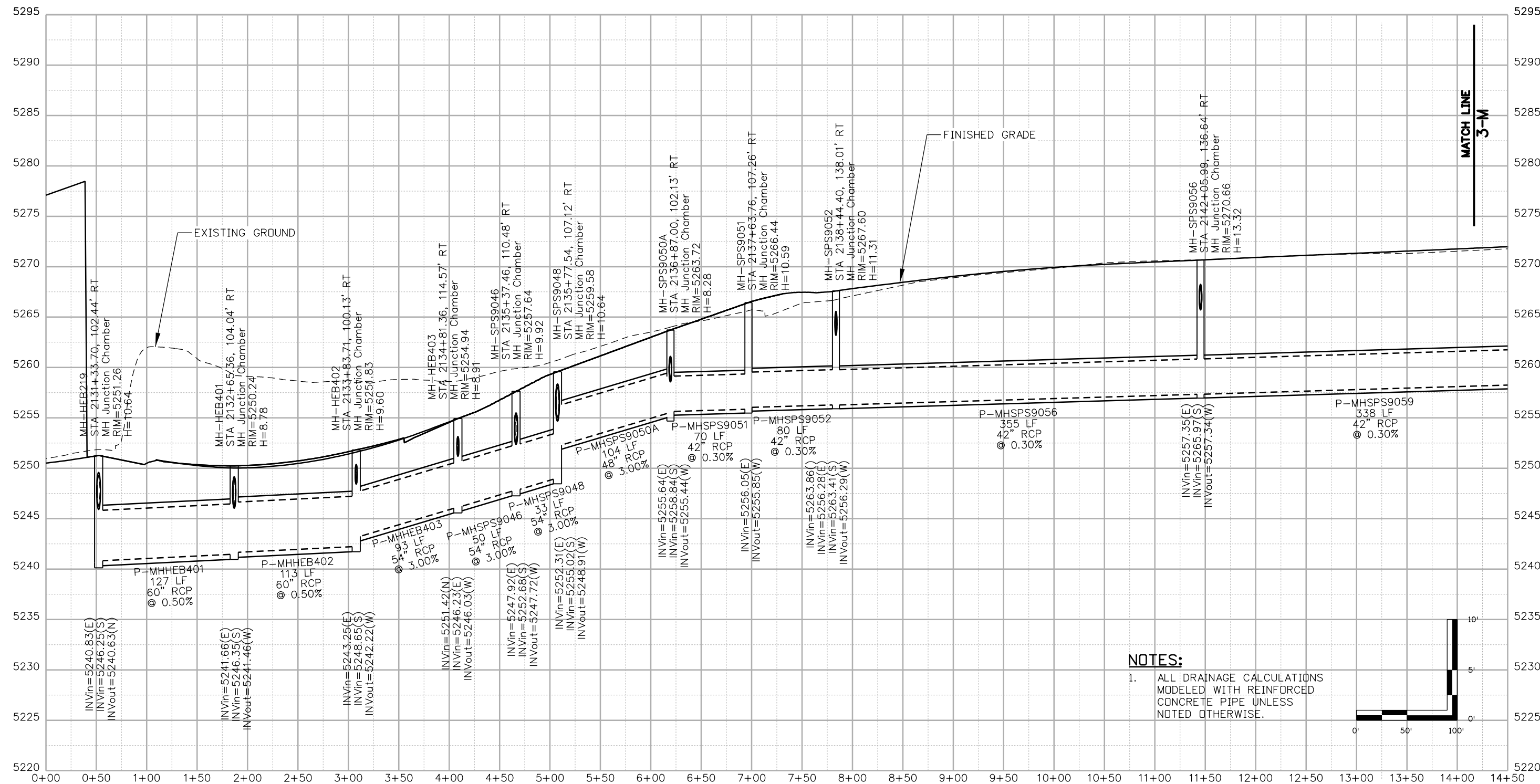
I-70
 DRAINAGE PROFILE
 OUTFALL: GRAPE ST (2 OF 2)

Designer:	J.HOLLON	Structure Numbers	
Detailer:	A.VANCE	Subset Sheets:	52 of

Project No./Code	FBR 0704-234
	19631
Sheet Number	DP-52

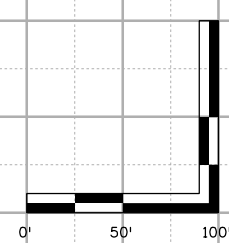
MATCH POINT
1-M

MATCH POINT
2-M



NOTES:

- ALL DRAINAGE CALCULATIONS MODELED WITH REINFORCED CONCRETE PIPE UNLESS NOTED OTHERWISE.



Print Date: 5/24/2017

File Name: 19631HYDR_Prof_DP-53.dgn

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**I-70
 DRAINAGE PROFILE
 OUTFALL: HOLLY ST (1 OF 5)**

Designer:	J.HOLLON	Structure Numbers	
Detailer:	A.VANCE		
Sheet Subset:	DRAINAGE	Subset Sheets:	53 of

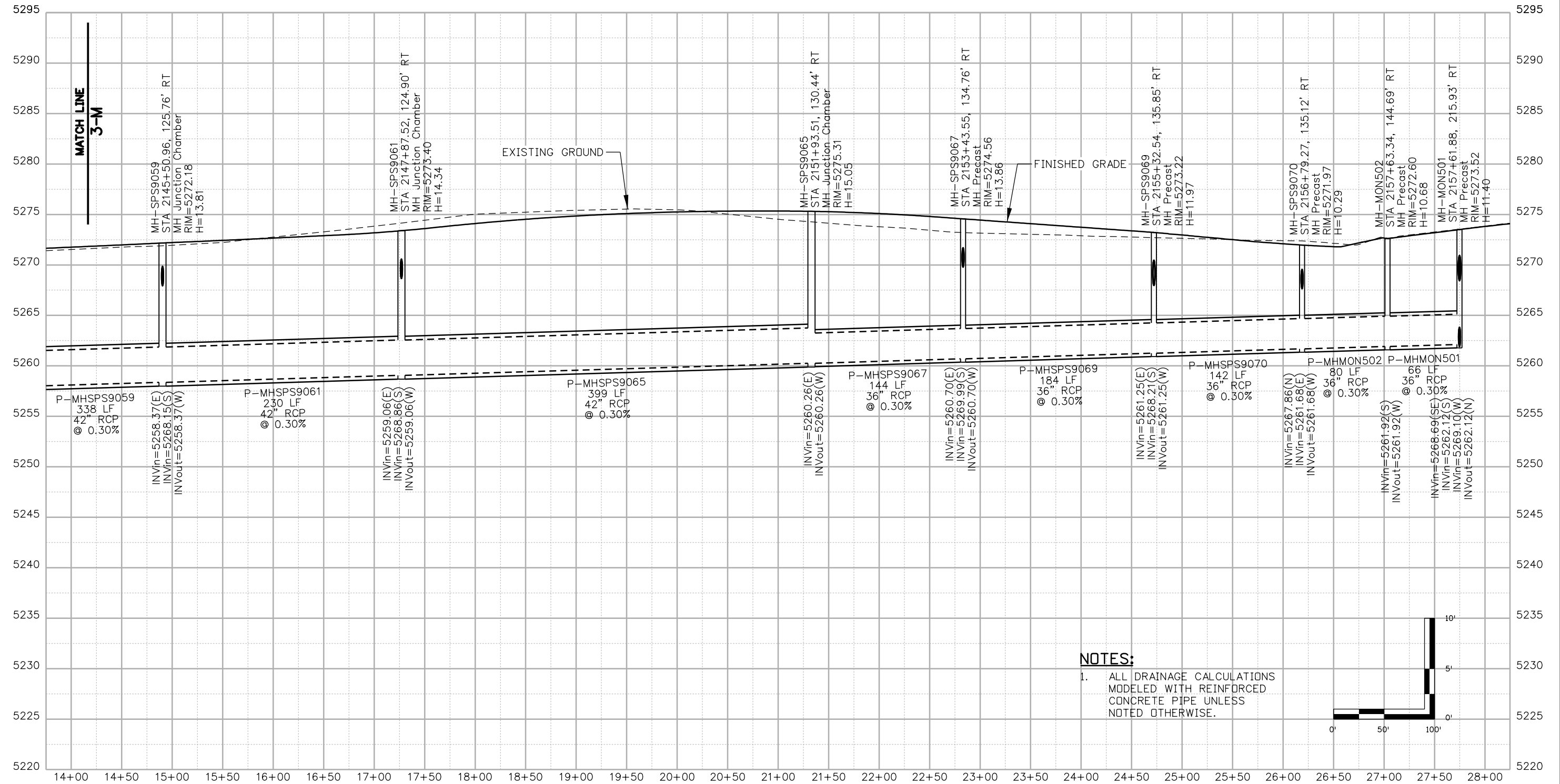
Project No./Code

FBR 0704-234

19631

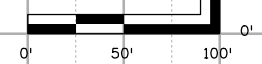
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NOTES:

- ALL DRAINAGE CALCULATIONS MODELED WITH REINFORCED CONCRETE PIPE UNLESS NOTED OTHERWISE.



Print Date: 5/24/2017

File Name: 19631HYDR_Prof_DP-54.dgn

Scale: 1:100



Sheet Revisions

Date:	Comments	Init.

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**I-70
DRAINAGE PROFILE
OUTFALL: HOLLY ST (2 OF 5)**

Designer:	J.HOLLON	Structure	
Detailer:	A.VANCE	Numbers	
Sheet Subset:	DRAINAGE	Subset Sheets:	54 of

Project No./Code

FBR 0704-234

19631

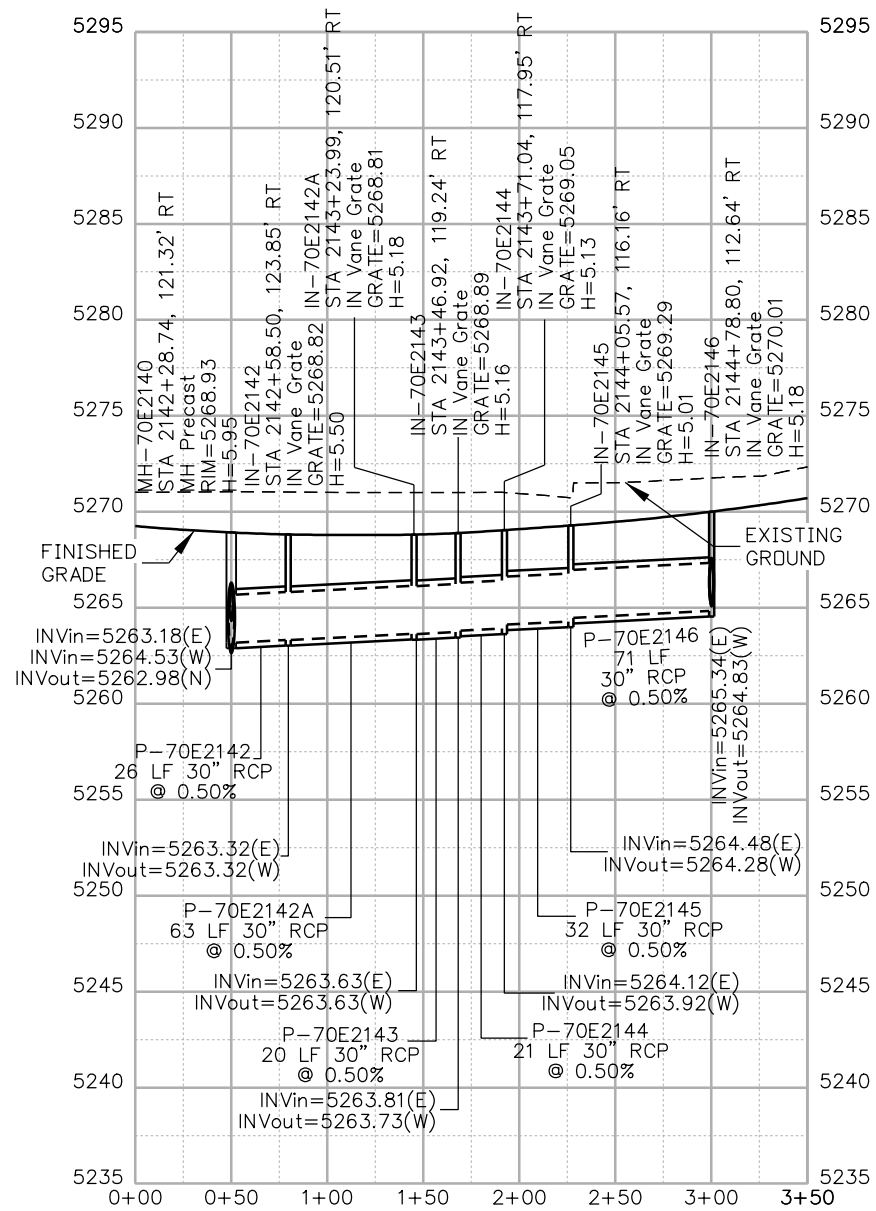
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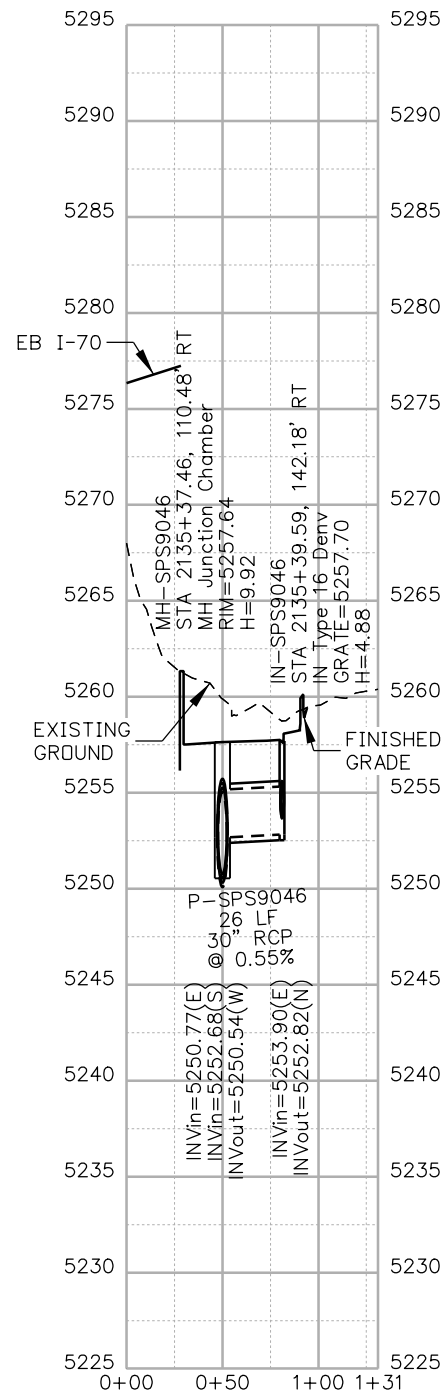
Linking I-70 Communities

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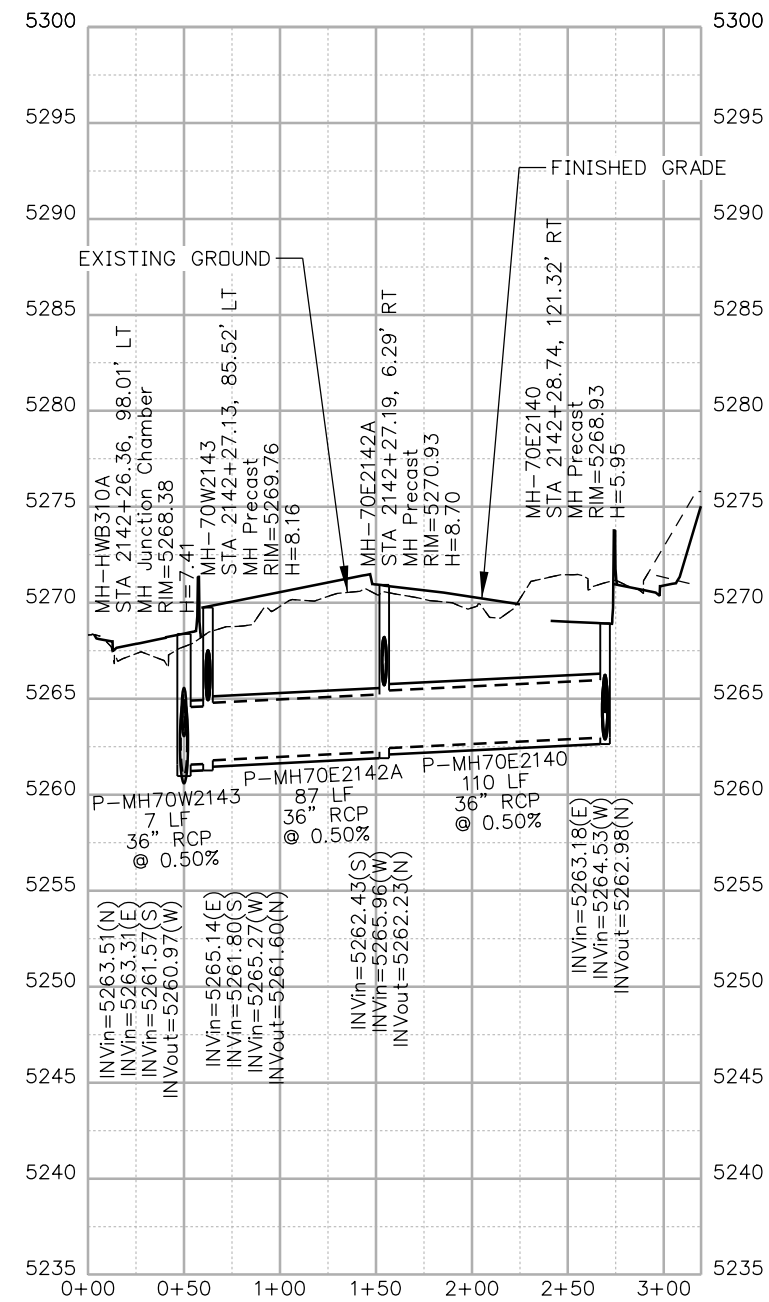
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4-M



MATCH POINT
2-M



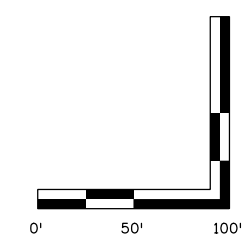
MATCH POINT
5-M



MATCH POINT
4-M

NOTES:

1. ALL DRAINAGE CALCULATIONS MODELED WITH REINFORCED CONCRETE PIPE UNLESS NOTED OTHERWISE.



Print Date: 5/24/2017

File Name: 19631HYDR_Prof_DP-55.dgn

Scale: 1:100

5280 Connectors
Linking I-70 Communities

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**I-70
DRAINAGE PROFILE
OUTFALL: HOLLY ST (3 OF 5)**

Designer:	J.HOLLON	Structure Numbers	
Detailer:	A.VANCE	Subset Sheets:	55 of

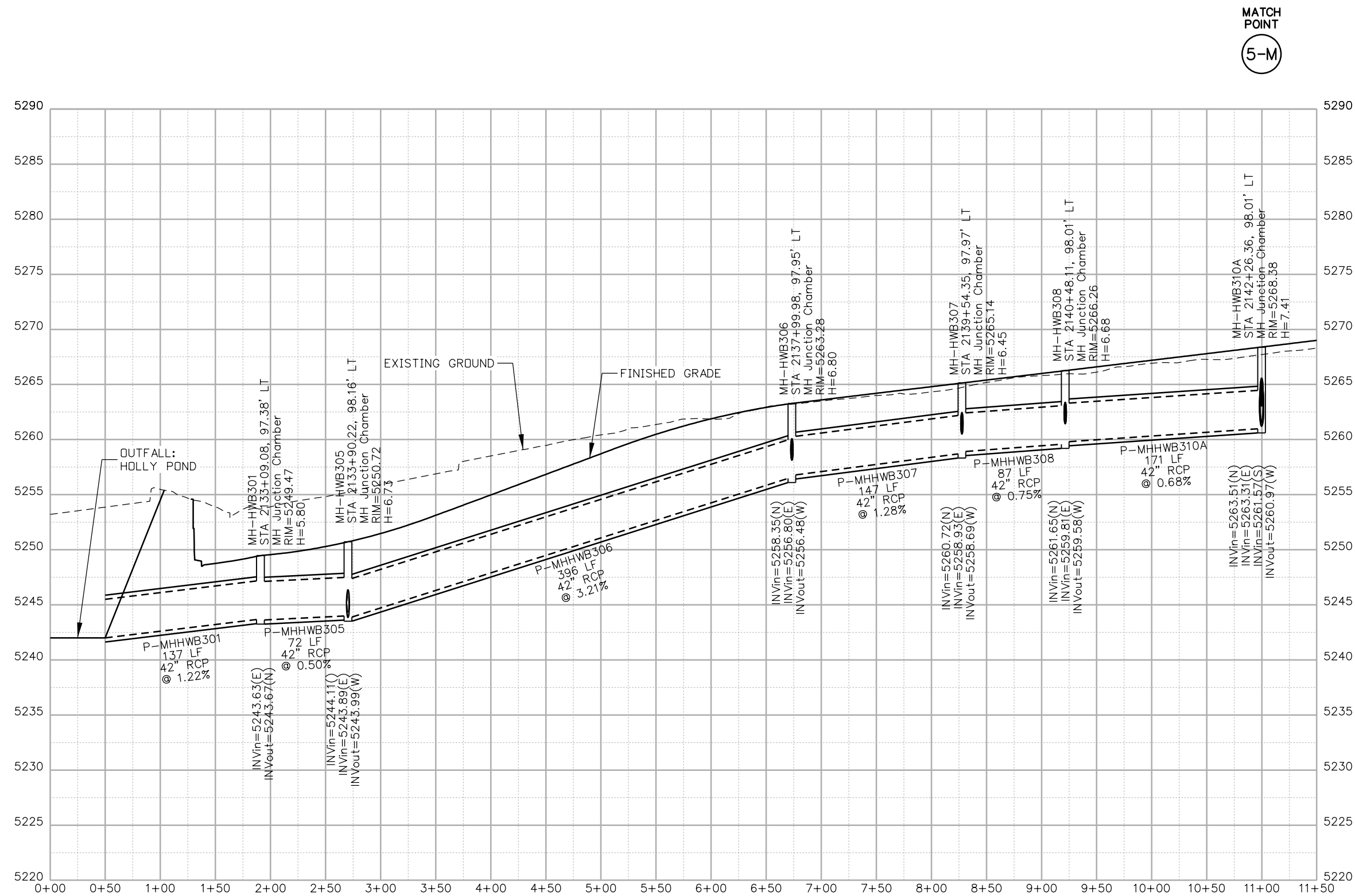
Project No./Code

FBR 0704-234

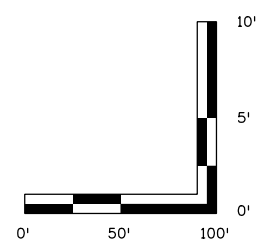
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Sheet Number **DP-55**

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- NOTES:**
- ALL DRAINAGE CALCULATIONS MODELED WITH REINFORCED CONCRETE PIPE UNLESS NOTED OTHERWISE.



Print Date: 5/24/2017
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Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

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Region 1 **JKE**

As Constructed

No Revisions:
 Revised:
 Void:

I-70 DRAINAGE PROFILE
OUTFALL: HOLLY ST (4 OF 5)

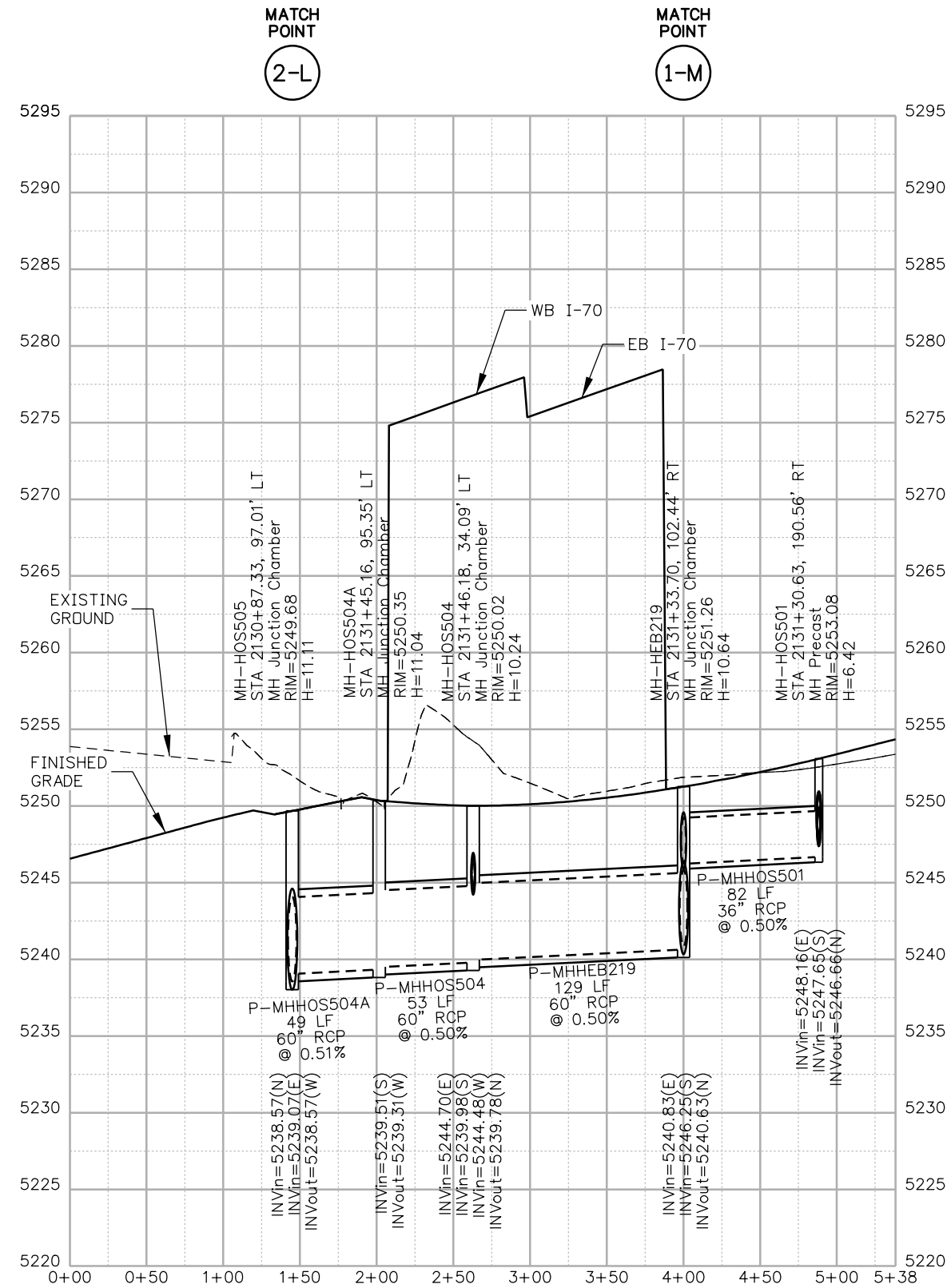
Designer: J.HOLLON
 Detailer: A.VANCE

Structure Numbers:
 Sheet Subset: DRAINAGE
 Subset Sheets: 56 of

Project No./Code
 FBR 0704-234
 19631
 Sheet Number **DP-56**

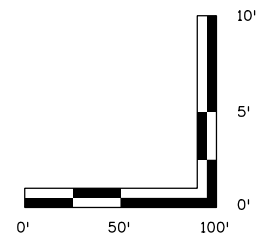


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NOTES:

- ALL DRAINAGE CALCULATIONS MODELED WITH REINFORCED CONCRETE PIPE UNLESS NOTED OTHERWISE.



Print Date: 5/24/2017

File Name: 19631HYDR_Prof_DP-57.dgn

Scale: 1:100

Sheet Revisions

Date:	Comments	Init.

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Revised:

Void:

**I-70
DRAINAGE PROFILE
OUTFALL: HOLLY ST (5 OF 5)**

Designer:	J.HOLLON	Structure Numbers	
Detailer:	A.VANCE		
Sheet Subset:	DRAINAGE	Subset Sheets:	57 of

Project No./Code

FBR 0704-234

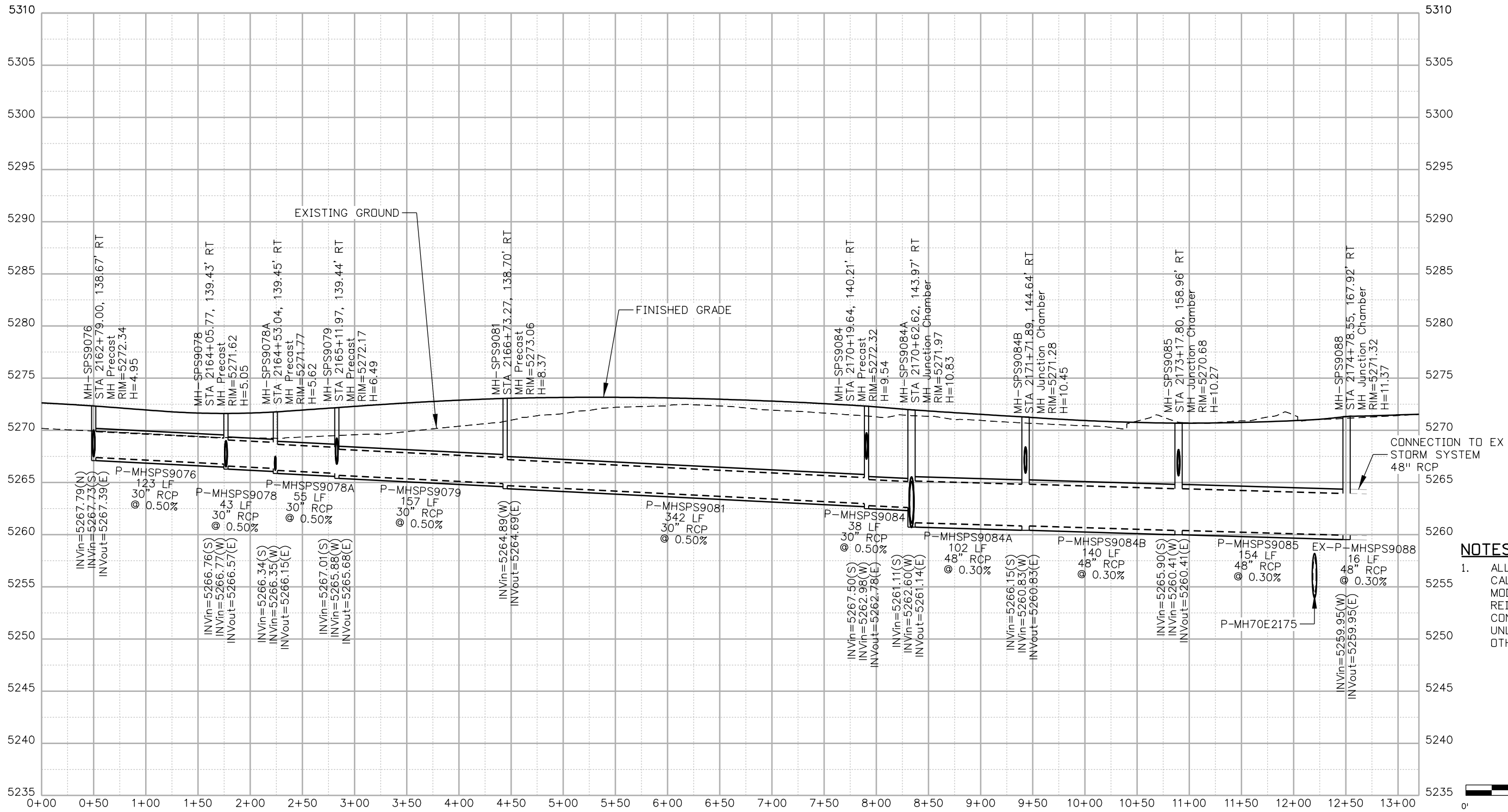
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MATCH POINT
1-N



NOTES:
1. ALL DRAINAGE CALCULATIONS MODELED WITH REINFORCED CONCRETE PIPE UNLESS NOTED OTHERWISE.

Print Date: 5/24/2017

File Name: 19631HYDR_Prof_DP-58.dgn

Scale: 1:100



Sheet Revisions		
Date:	Comments	Init.

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No Revisions:
Revised:
Void:

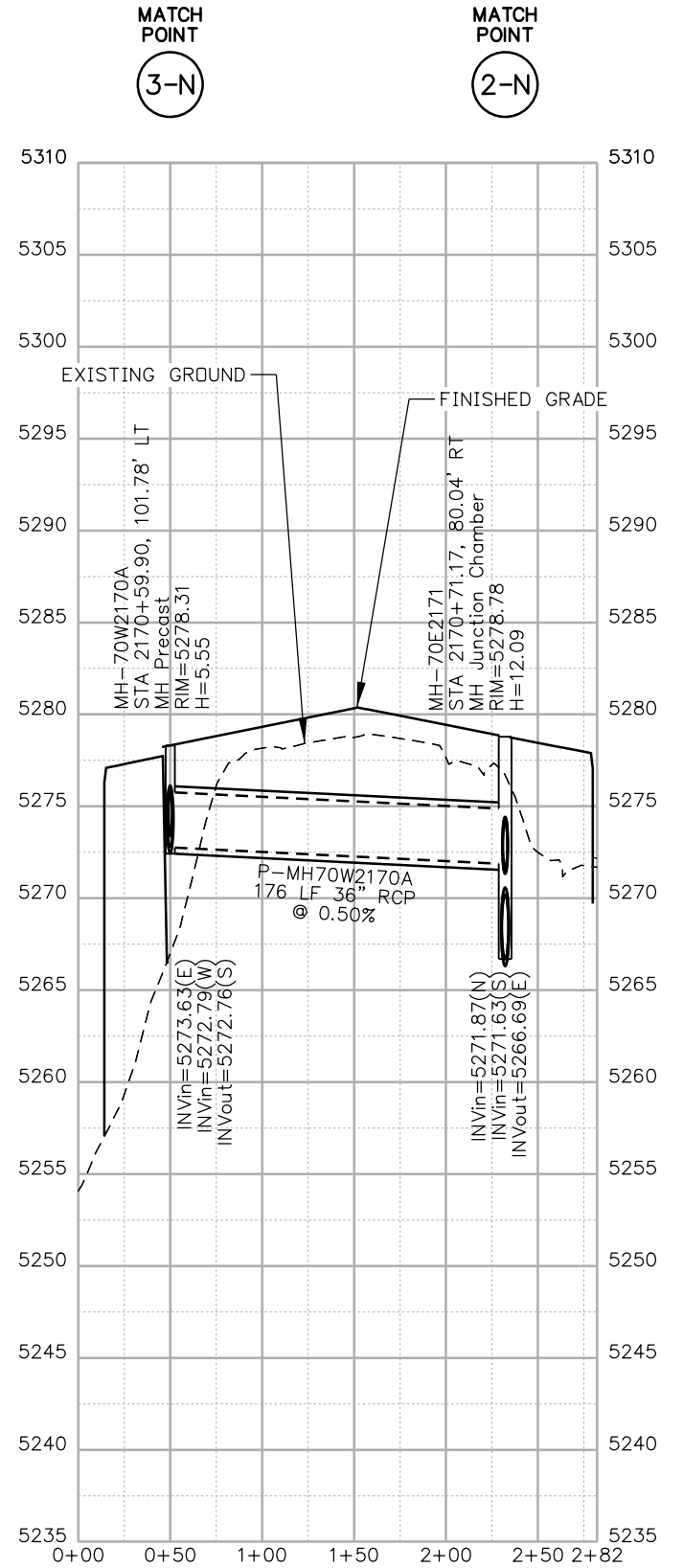
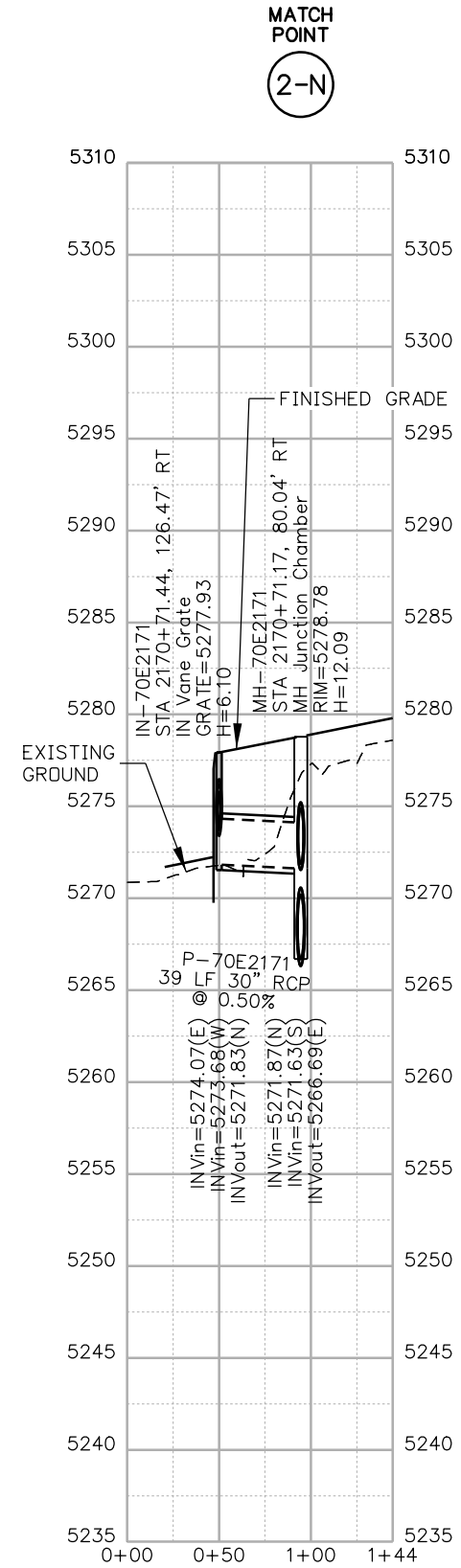
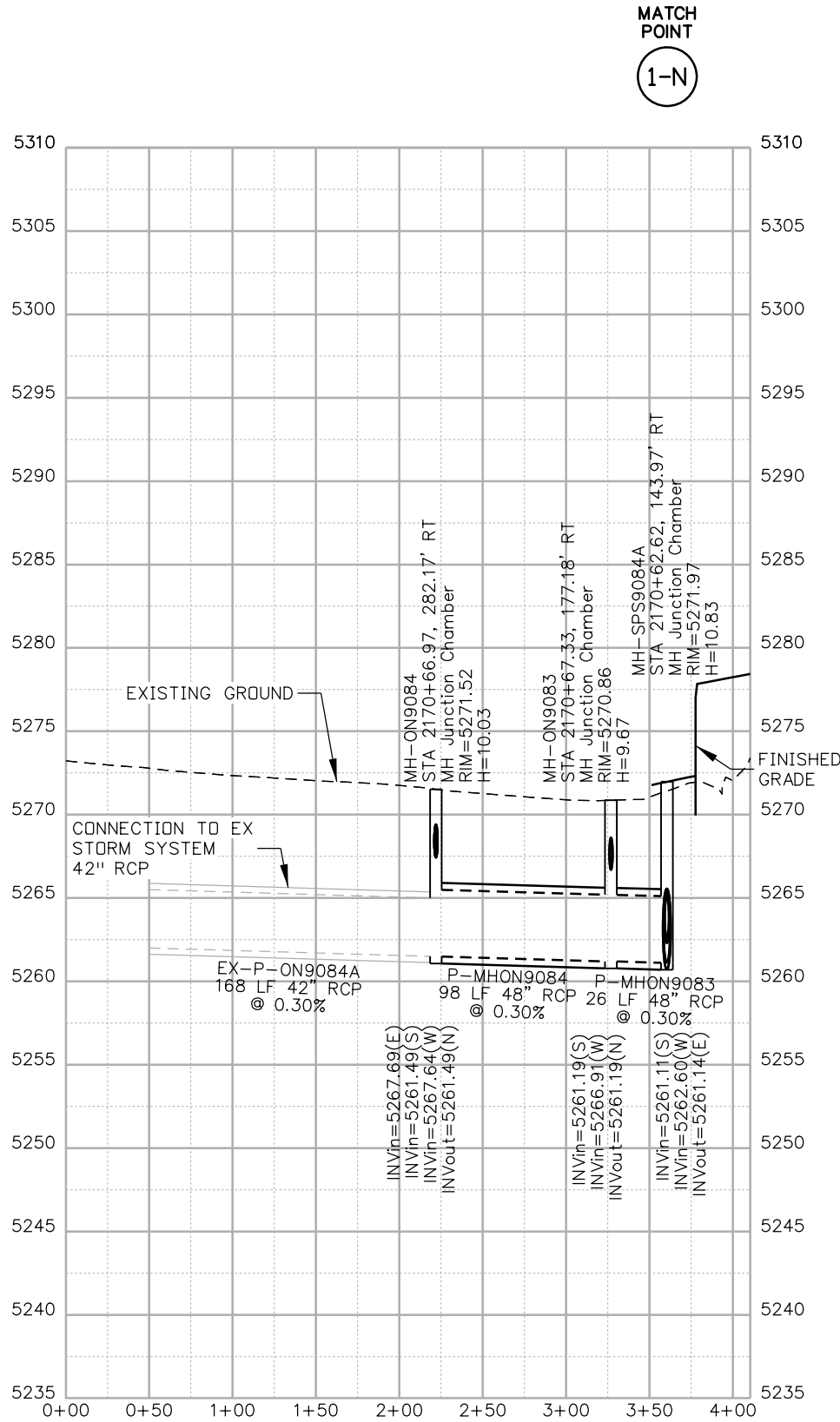
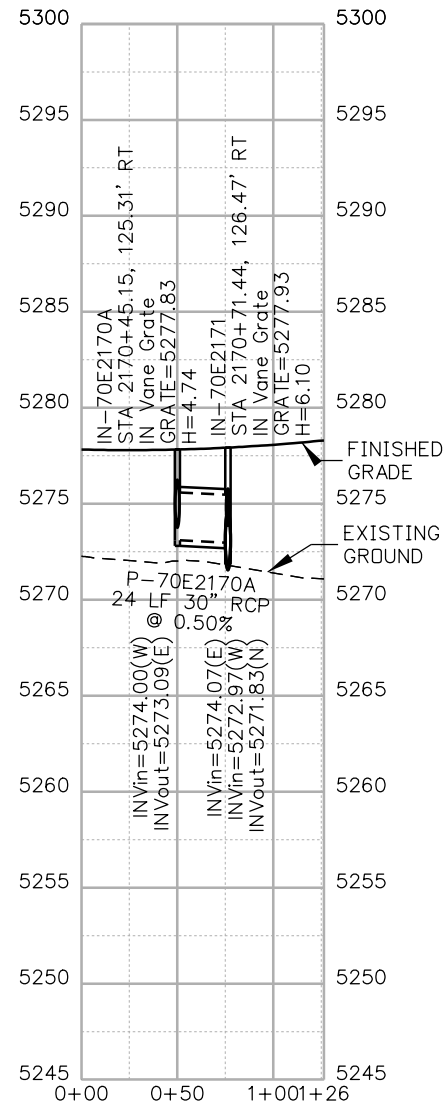
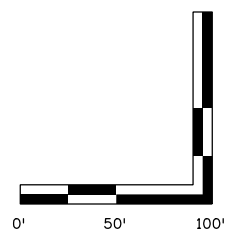
I-70
DRAINAGE PROFILE
OUTFALL: QUEBEC ST (1 OF 5)

Designer:	J.HOLLON	Structure Numbers:	
Detailer:	A.VANCE	Sheet Subsets:	DRAINAGE
Sheet Subsets: DRAINAGE		Subset Sheets: 58 of	

Project No./Code	FBR 0704-234
	19631
Sheet Number	DP-58

NOTES:

- ALL DRAINAGE CALCULATIONS MODELED WITH REINFORCED CONCRETE PIPE UNLESS NOTED OTHERWISE.



Print Date: 5/24/2017
 File Name: 19631HYDR_Prof_DP-59.dgn
 Scale: 1:100

Sheet Revisions		
Date:	Comments	Init.

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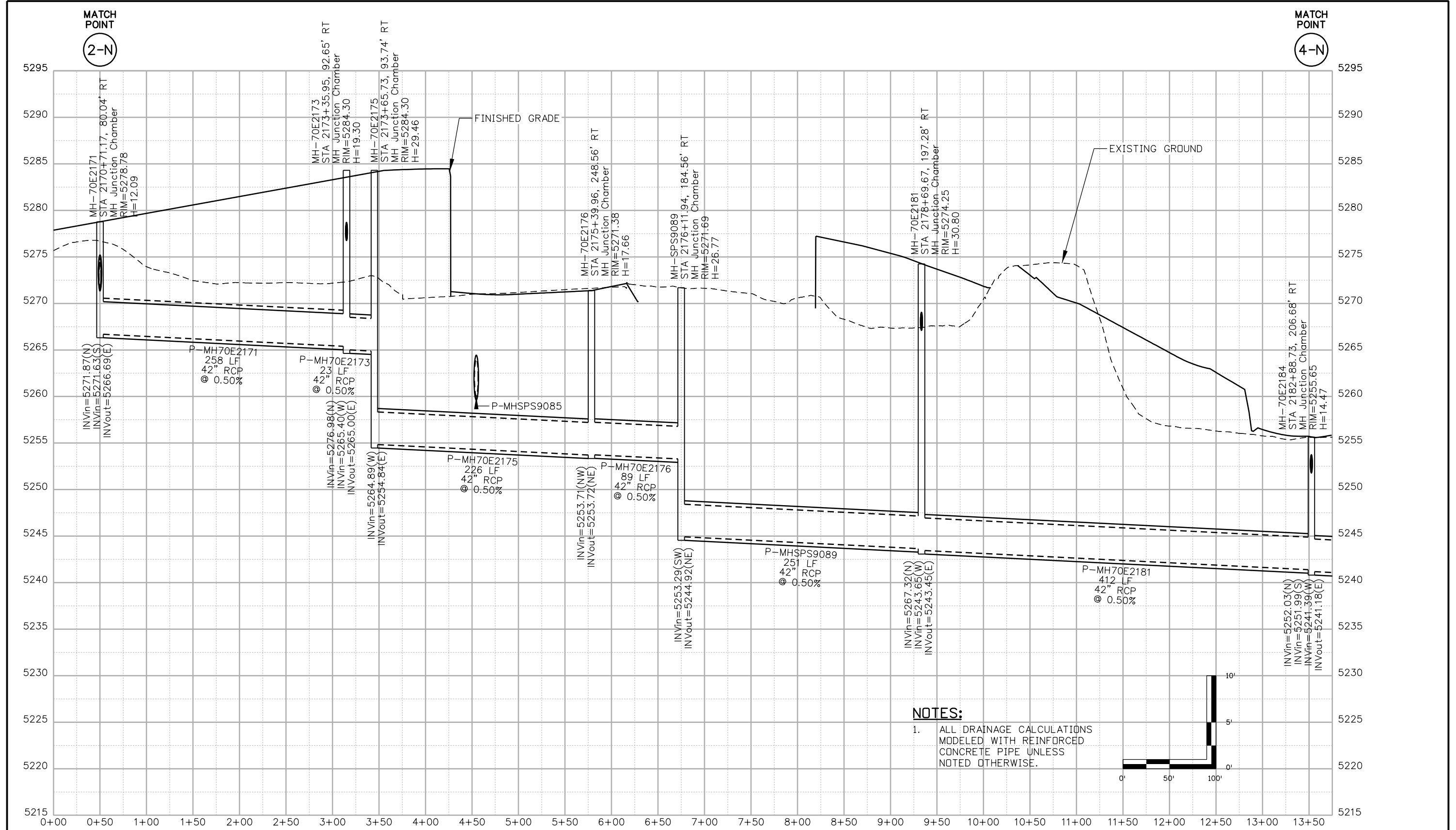
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I-70 DRAINAGE PROFILE	
OUTFALL: QUEBEC ST (2 OF 5)	
Designer: J.HOLLON	Structure Numbers
Detailer: A.VANCE	
Sheet Subset: DRAINAGE	Subset Sheets: 59 of

Project No./Code
FBR 0704-234
19631
Sheet Number DP-59

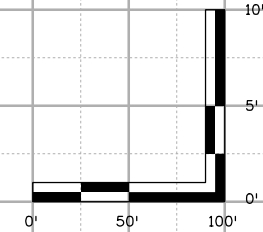


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NOTES:

- ALL DRAINAGE CALCULATIONS MODELED WITH REINFORCED CONCRETE PIPE UNLESS NOTED OTHERWISE.



Print Date: 5/24/2017
 File Name: 19631HYDR_Prof_DP-60.dgn
 Scale: 1:100

5280 Connectors
 Linking I-70 Communities

Sheet Revisions		
Date:	Comments	Init.

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Void:

I-70
DRAINAGE PROFILE
OUTFALL: QUEBEC ST (3 OF 5)

Designer: J.HOLLON
 Detailer: A.VANCE

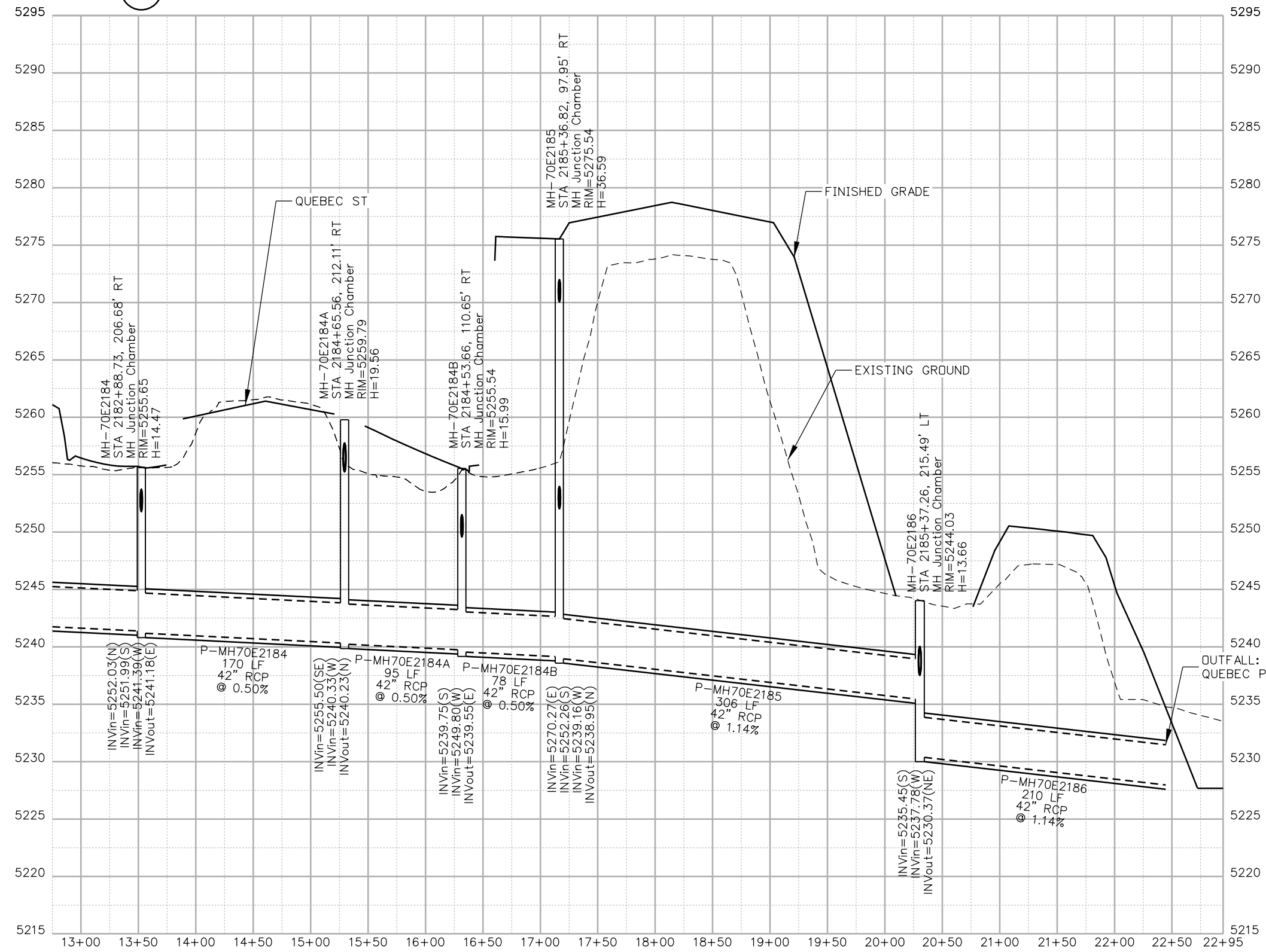
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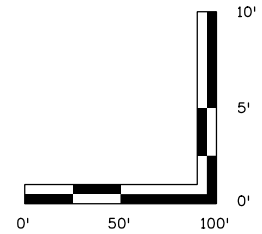
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FBR 0704-234
19631
Sheet Number DP-60

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MATCH POINT
4-N



- NOTES:**
- ALL DRAINAGE CALCULATIONS MODELED WITH REINFORCED CONCRETE PIPE UNLESS NOTED OTHERWISE.

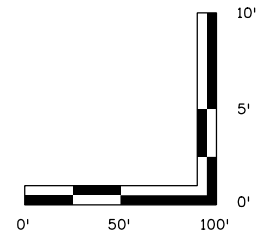
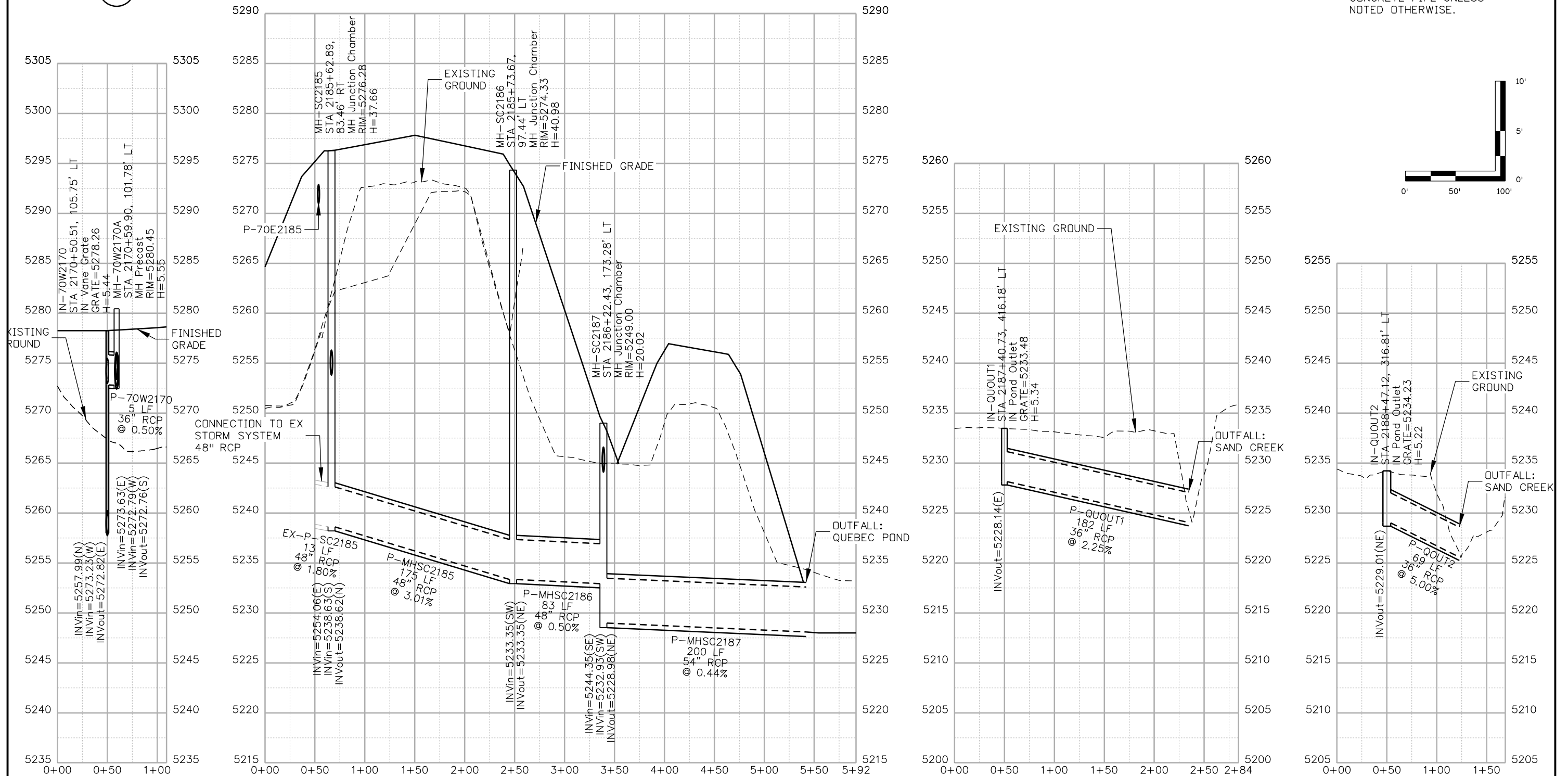


Print Date: 5/24/2017	Sheet Revisions			 Colorado Department of Transportation 2000 South Holly Street Denver, CO 80222 Phone: 303-757-9295 FAX: 303-757-9963 Region 1	As Constructed No Revisions: Revised: Void:	I-70 DRAINAGE PROFILE OUTFALL: QUEBEC ST (4 OF 5)		Project No./Code
File Name: 19631HYDR_Prof_DP-61.dgn	Date:	Comments	Init.			Designer: J.HOLLON	Structure Numbers	FBR 0704-234
Scale: 1:100				2000 South Holly Street Denver, CO 80222 Phone: 303-757-9295 FAX: 303-757-9963	Revised:	Detailer: A.VANCE	19631	
5280 Connectors Linking I-70 Communities				Region 1	Void:	Sheet Subset: DRAINAGE	Subset Sheets: 61 of	Sheet Number DP-61

MATCH POINT
3-N

NOTES:

- ALL DRAINAGE CALCULATIONS MODELED WITH REINFORCED CONCRETE PIPE UNLESS NOTED OTHERWISE.



Print Date: 5/24/2017

File Name: 19631HYDR_Prof_DP-62.dgn

Scale: 1:100

Sheet Revisions

Date:	Comments	Init.

Colorado Department of Transportation



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Region 1

JKE

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Void:

I-70 DRAINAGE PROFILE
OUTFALL: QUEBEC ST (5 OF 5)

Designer:	J.HOLLON	Structure Numbers	
Detailer:	A.VANCE		
Sheet Subset:	DRAINAGE	Subset Sheets:	62 of

Project No./Code

FBR 0704-234

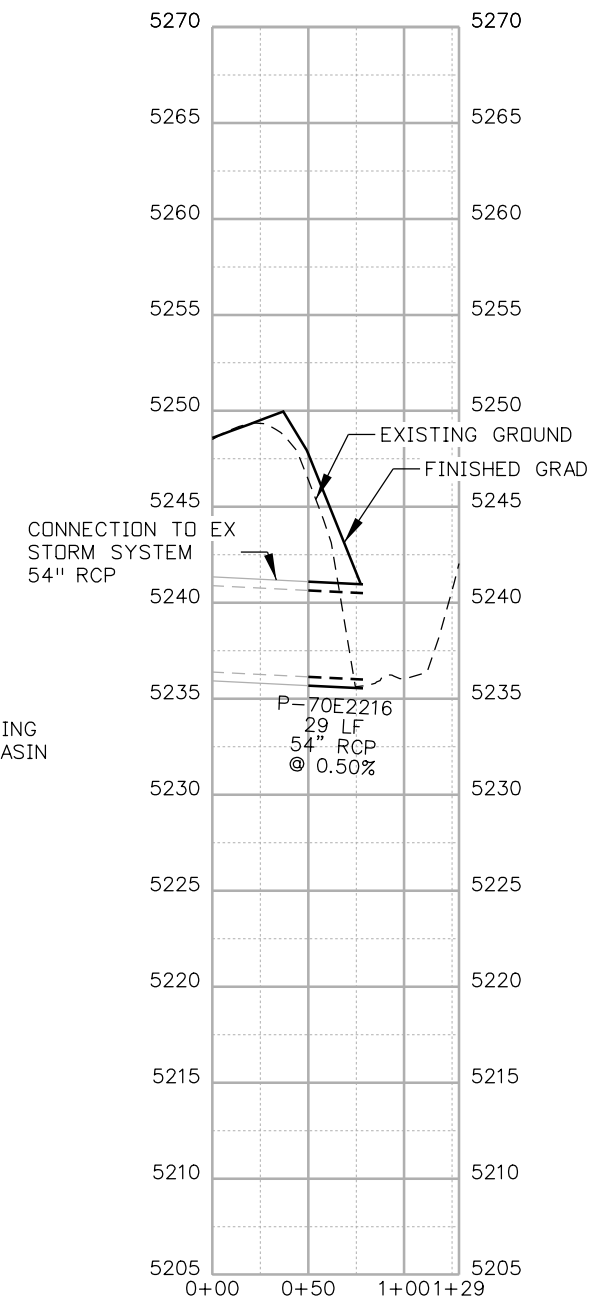
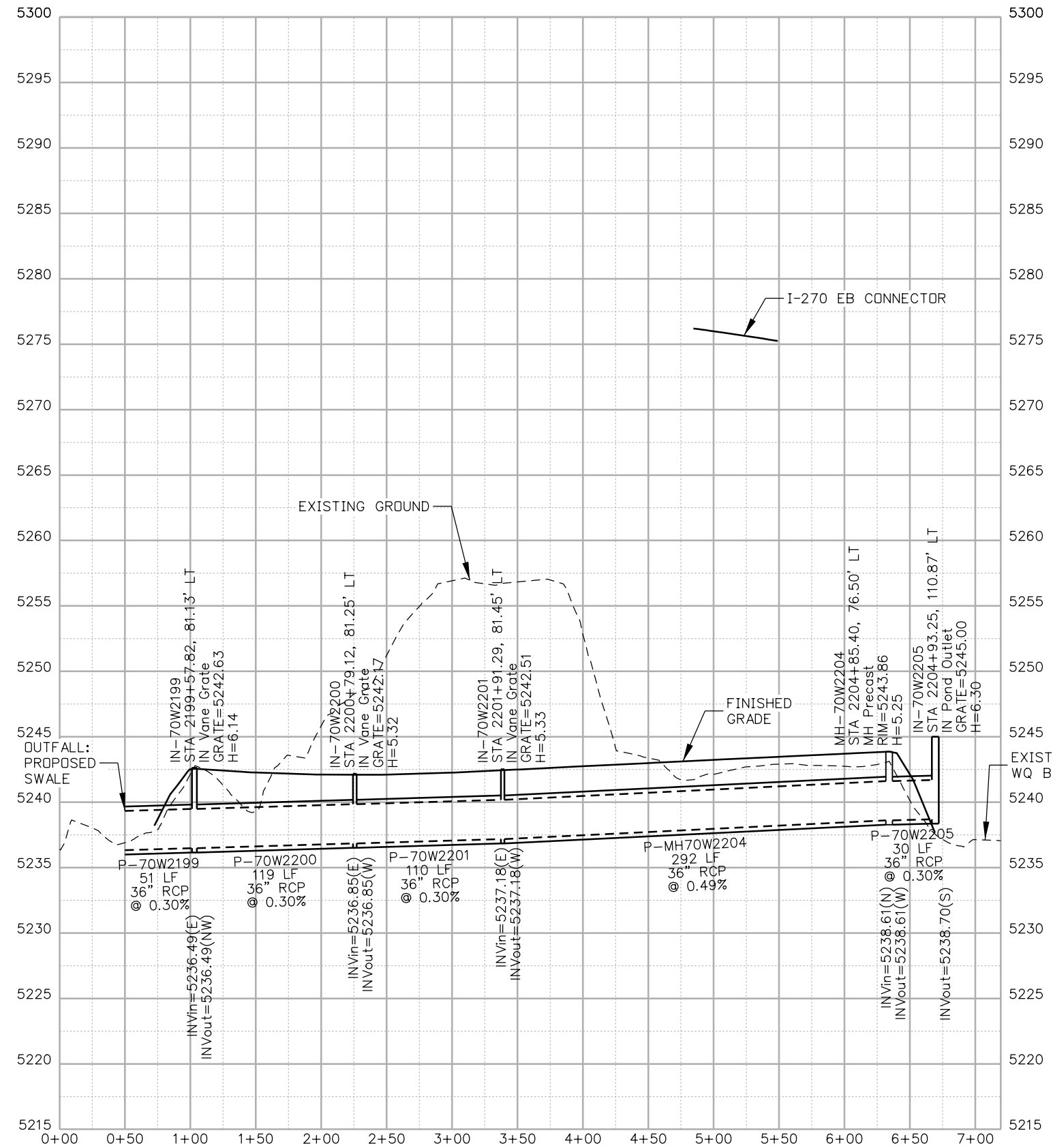
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Sheet Number DP-62

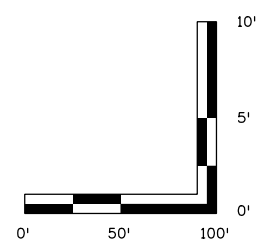


Linking I-70 Communities

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NOTES:
 1. ALL DRAINAGE CALCULATIONS MODELED WITH REINFORCED CONCRETE PIPE UNLESS NOTED OTHERWISE.



Print Date: 5/24/2017
 File Name: 19631HYDR_Prof_DP-63.dgn
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5280 Connectors
 Linking I-70 Communities

Sheet Revisions		
Date:	Comments	Init.

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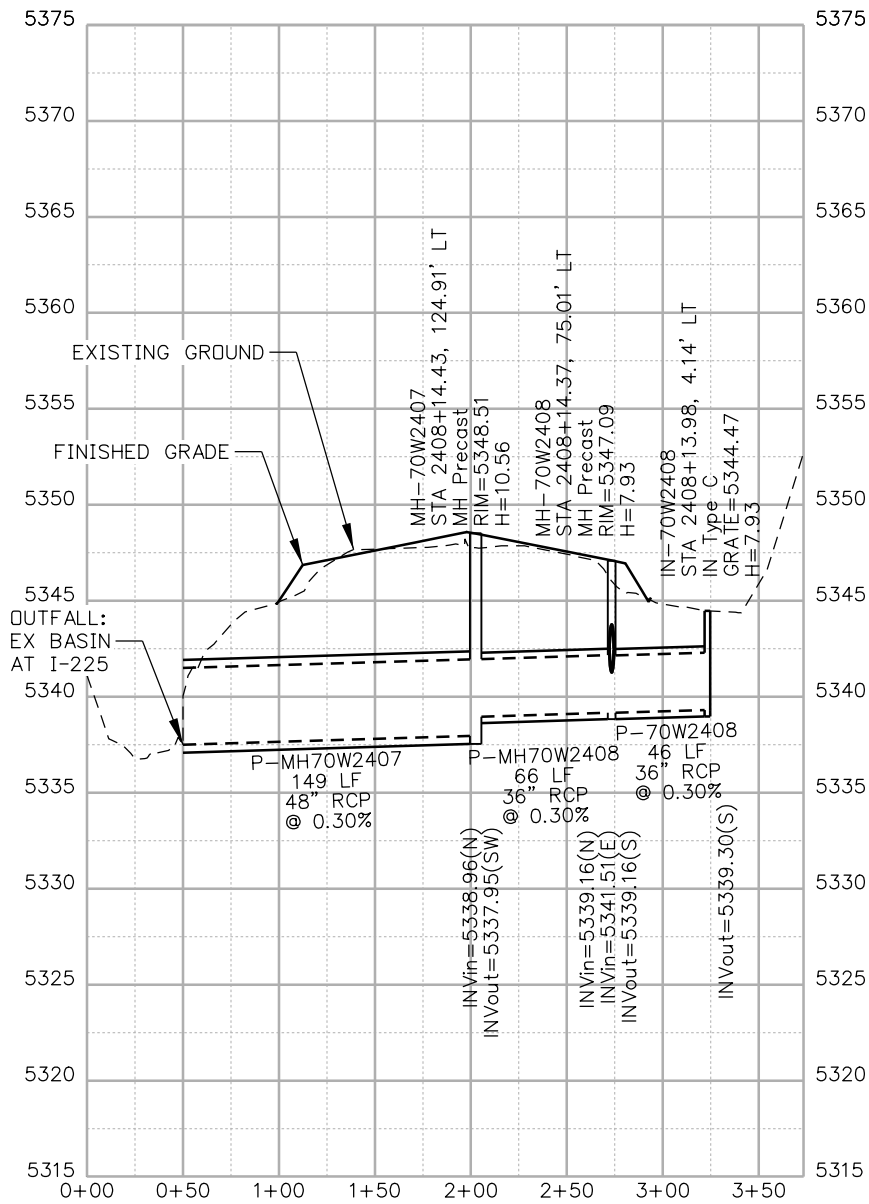
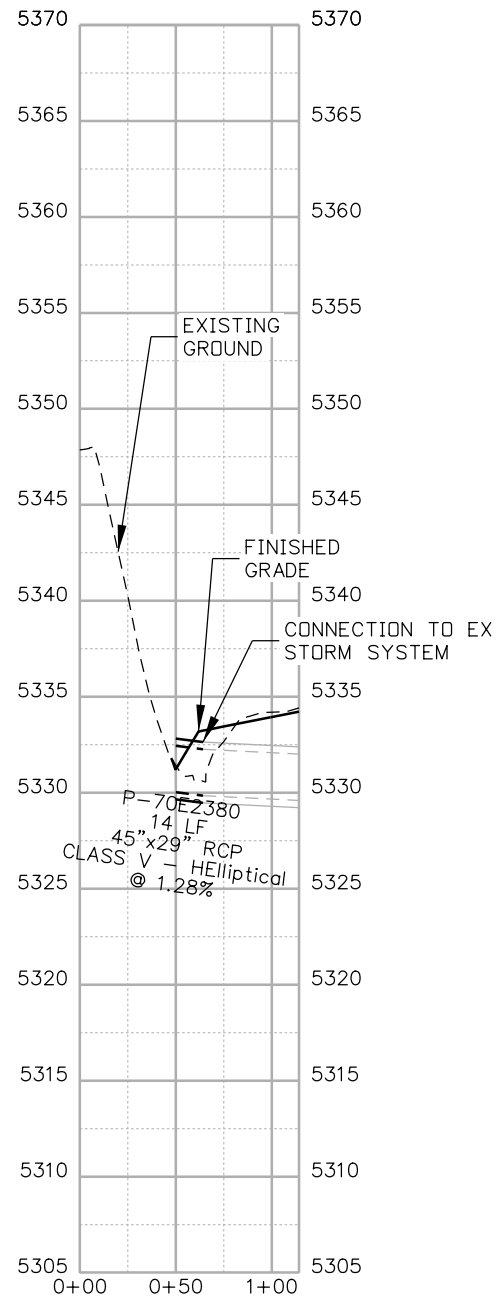
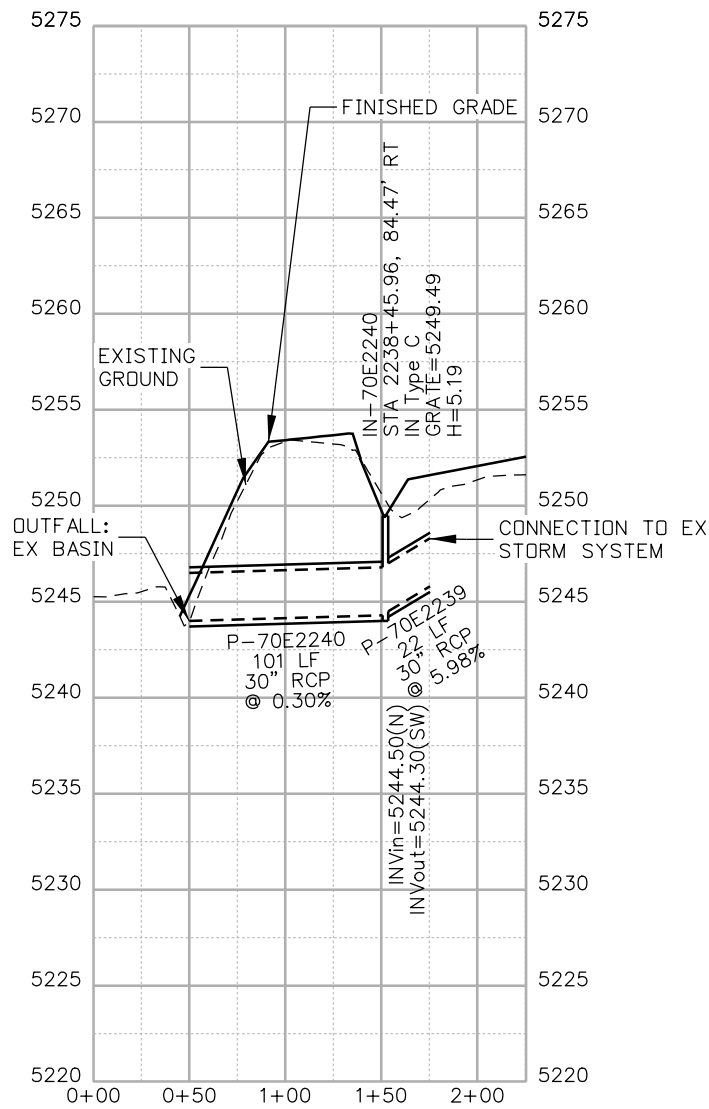
Region 1 **JKE**

As Constructed
No Revisions:
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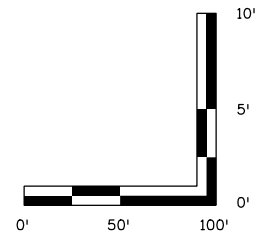
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OUTFALL: SAND CREEK (1 OF 1)	
Designer: J.HOLLON	Structure Numbers
Detailer: A.VANCE	
Sheet Subset: DRAINAGE	Subset Sheets: 63 of

Project No./Code
FBR 0704-234
19631
Sheet Number DP-63

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NOTES:
 1. ALL DRAINAGE CALCULATIONS MODELED WITH REINFORCED CONCRETE PIPE UNLESS NOTED OTHERWISE.



Print Date: 5/24/2017

File Name: 19631HYDR_Prof_DP-64.dgn

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Sheet Revisions

Date:	Comments	Init.



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Region 1

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Revised:

Void:

**I-70
 DRAINAGE PROFILE
 OUTFALL: MISC. (1 OF 1)**

Designer:	J.HOLLON	Structure Numbers	
Detailer:	A.VANCE		
Sheet Subset:	DRAINAGE	Subset Sheets:	64 of

Project No./Code

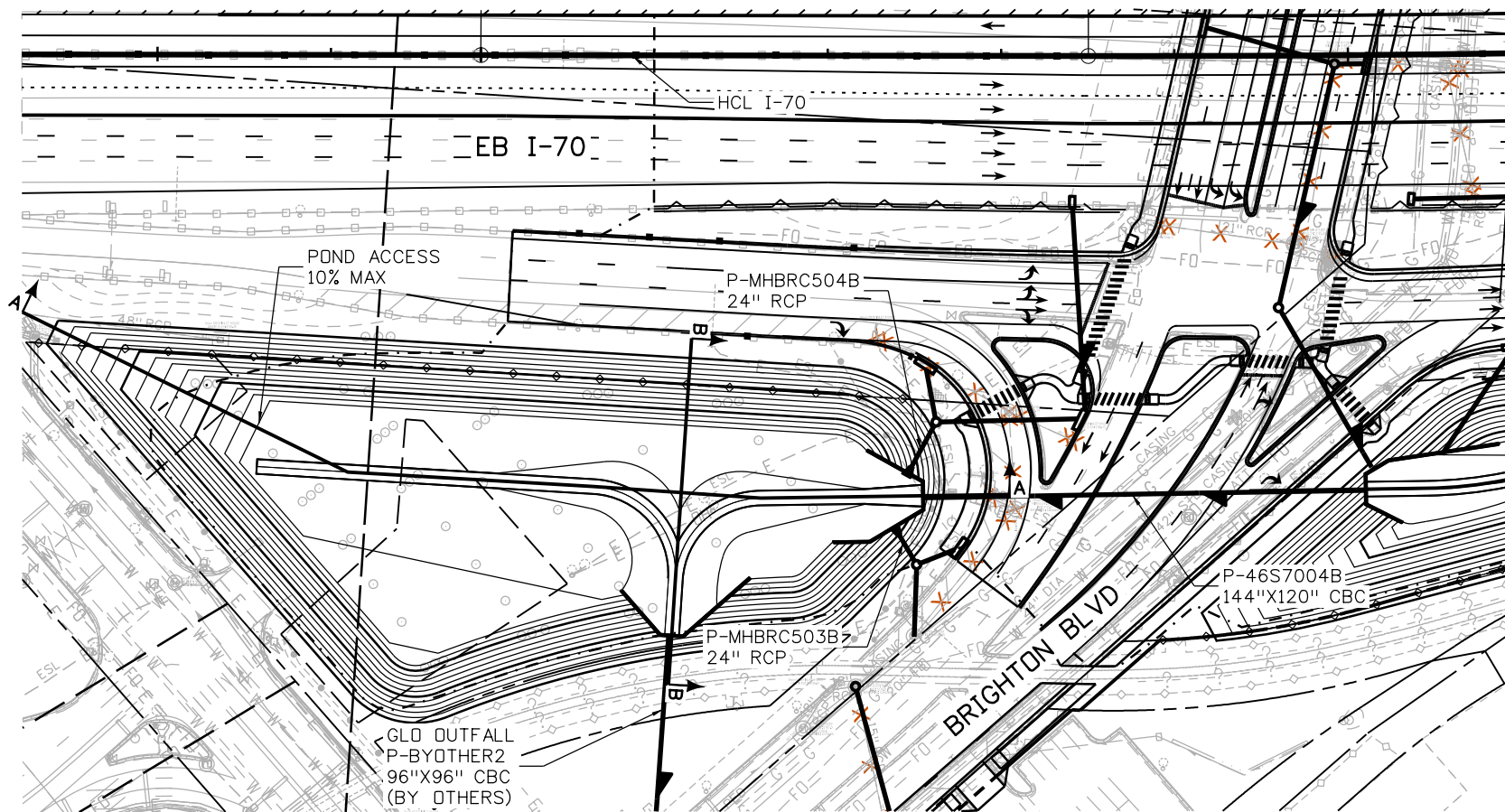
FBR 0704-234

19631

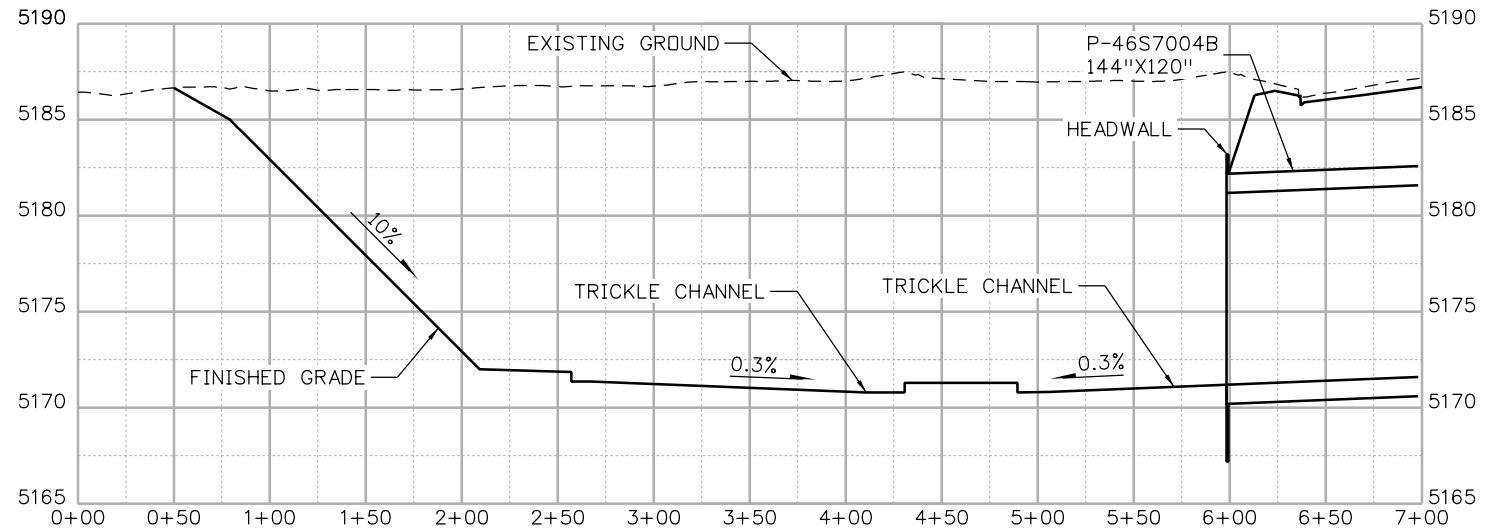
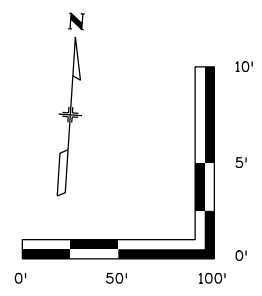
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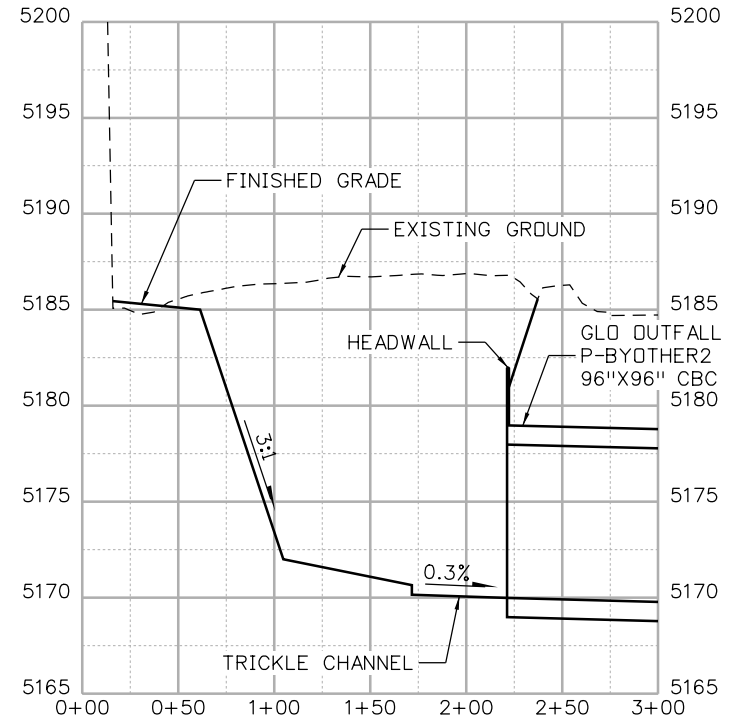
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BRIGHTON WEST POND - PLAN VIEW



SECTION A-A



SECTION B-B

Print Date: 5/24/2017
File Name: 19631HYDR_Pond-PD-01.dgn
Scale: 1:100

Sheet Revisions			
Date:	Comments	Init.	



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Region 1 JKE

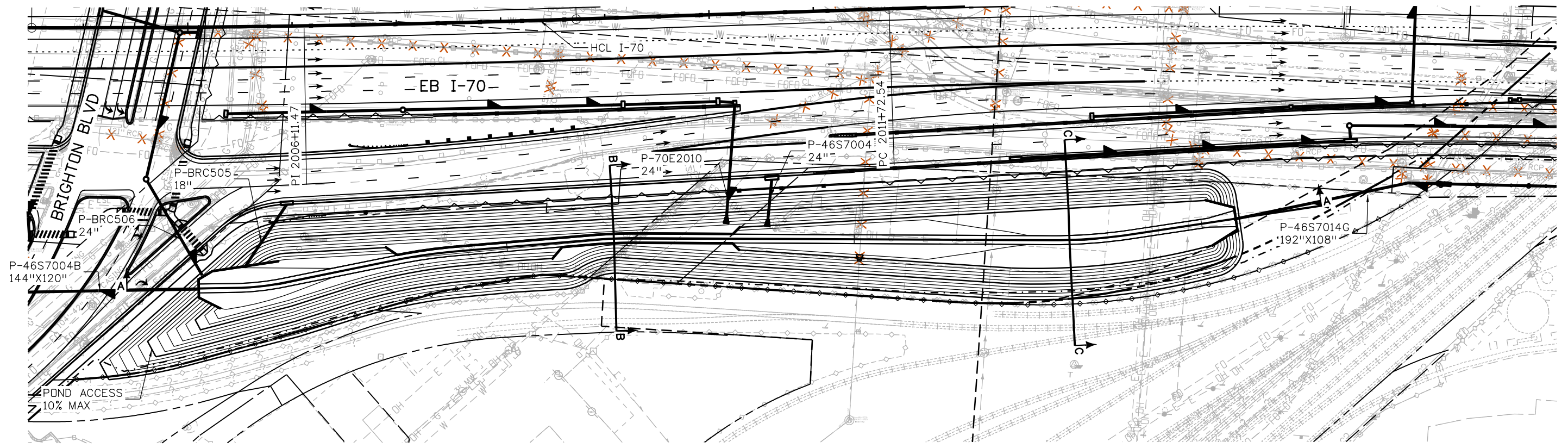
As Constructed
No Revisions:
Revised:
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I-70
BRIGHTON WEST POND
STA 1072+00
Designer: J HOLLON
Detailer: S ACDSTA
Sheet Subset: DRAINAGE
Structure Numbers
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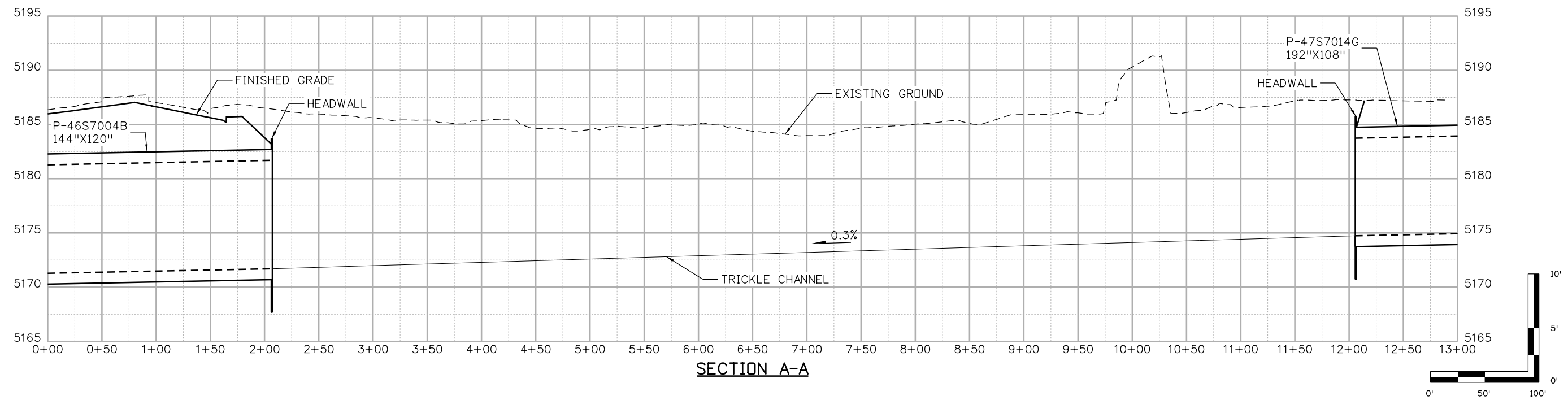
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FBR 0704-234
19631
Sheet Number PD-01



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BRIGHTON EAST POND - PLAN VIEW



Print Date: 5/24/2017
 File Name: 19631HYDR_Pond-PD-02.dgn
 Scale: 1:100

Sheet Revisions		
Date:	Comments	Init.

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 Region 1 JKE

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 Revised:
 Void:

**I-70
 BRIGHTON EAST POND
 STA 2007+00 (1 OF 2)**

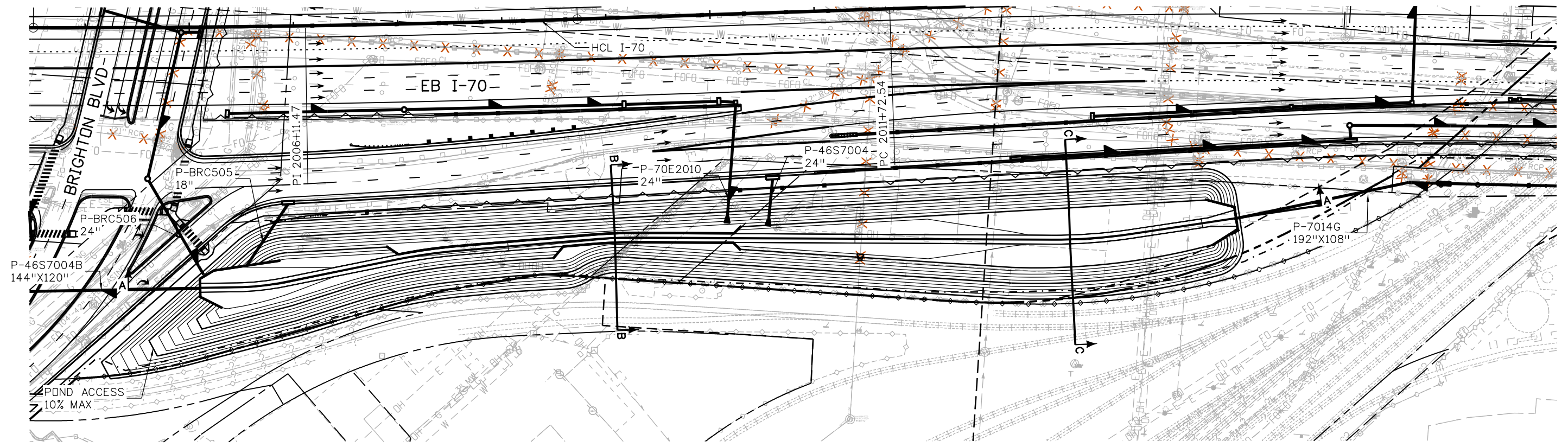
Designer: J HOLLON
 Detailer: S ACOSTA
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Structure Numbers
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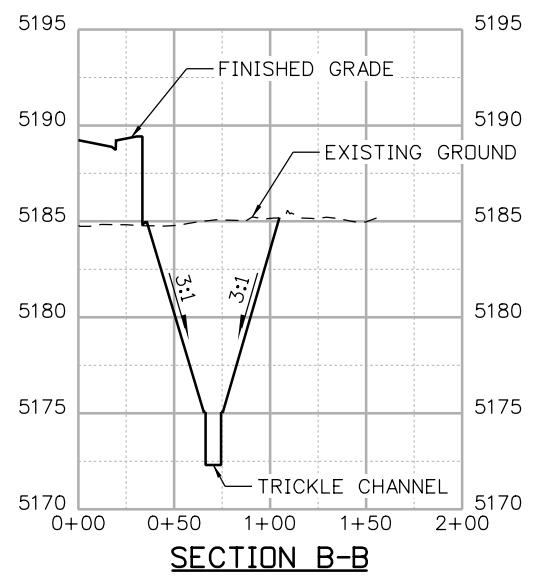
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 19631
Sheet Number PD-02



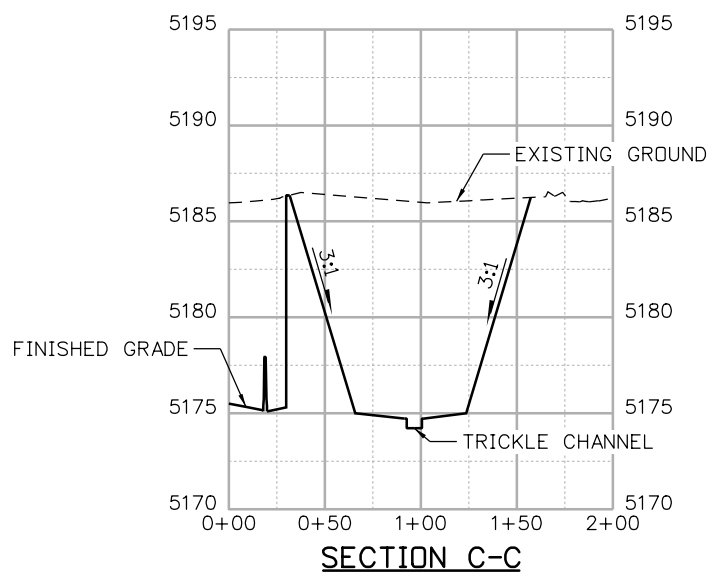
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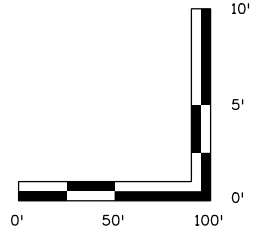
BRIGHTON EAST POND - PLAN VIEW



SECTION B-B

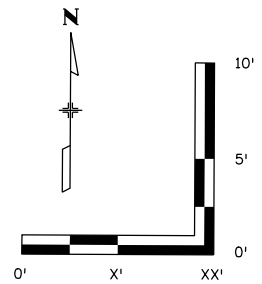
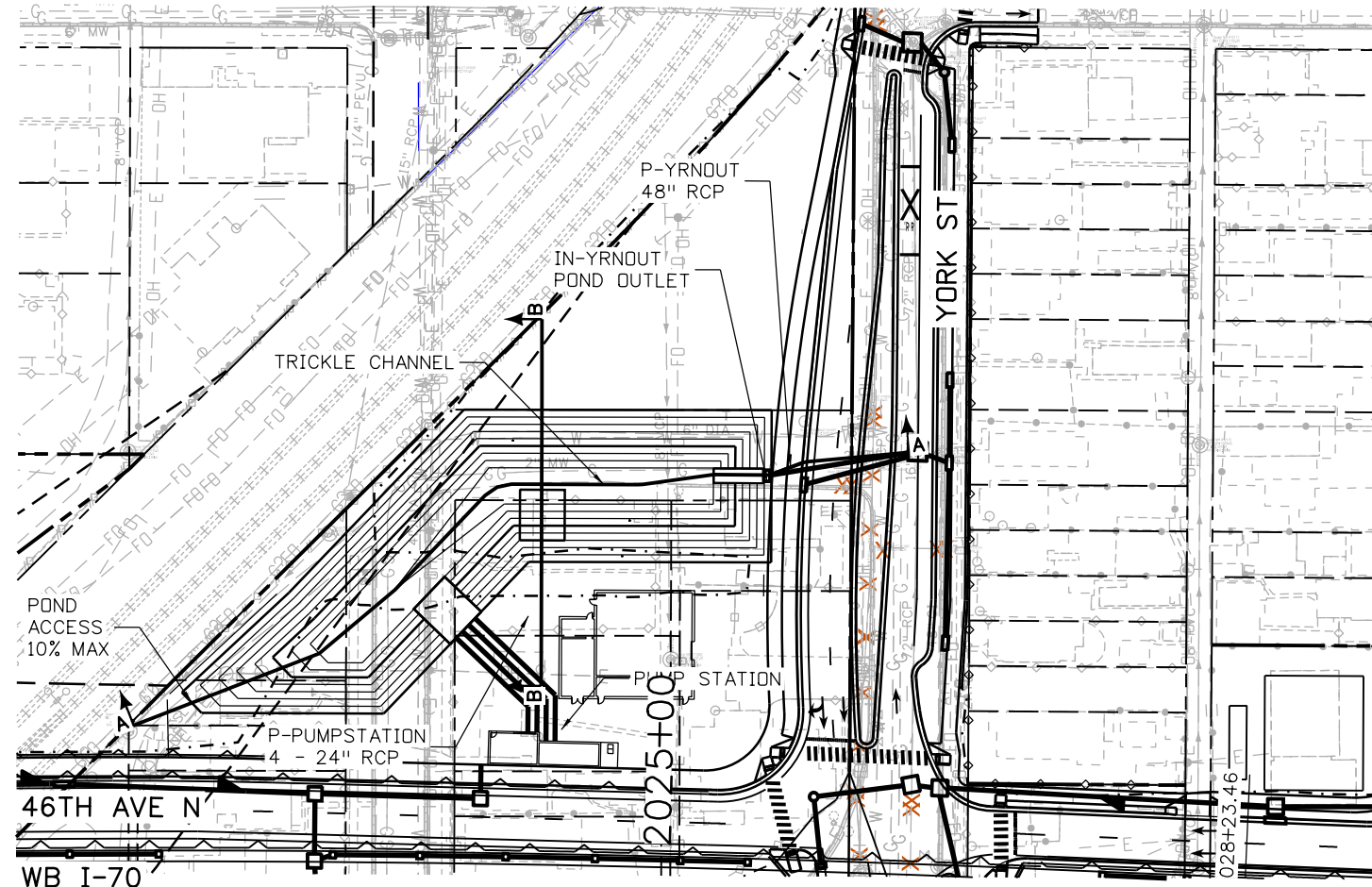


SECTION C-C

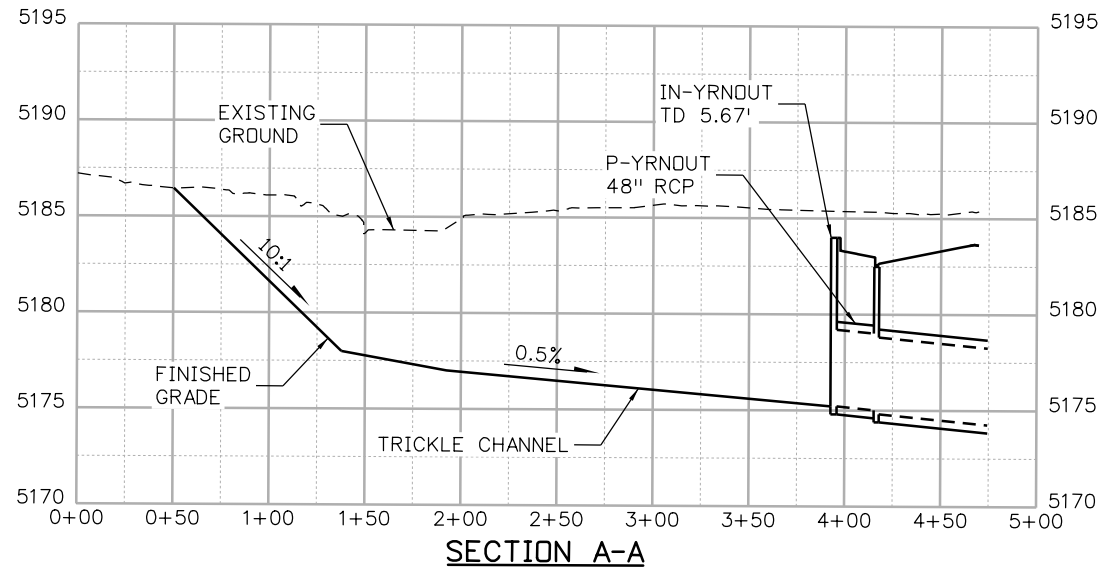


Print Date: 5/24/2017	Sheet Revisions			Colorado Department of Transportation 2000 South Holly Street Denver, CO 80222 Phone: 303-757-9295 FAX: 303-757-9963 Region 1	As Constructed No Revisions: Revised: Void:	I-70 BRIGHTON EAST POND STA 2007+00 (2 OF 2)		Project No./Code
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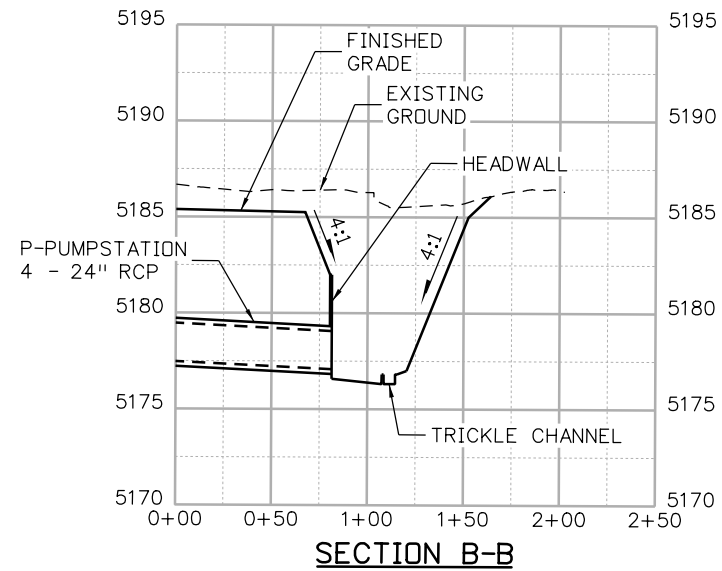
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YORK POND - PLAN VIEW



SECTION A-A



SECTION B-B

Print Date: 5/24/2017
 File Name: 19631HYDR_Pond-PD-03.dgn
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Sheet Revisions		
Date:	Comments	Init.

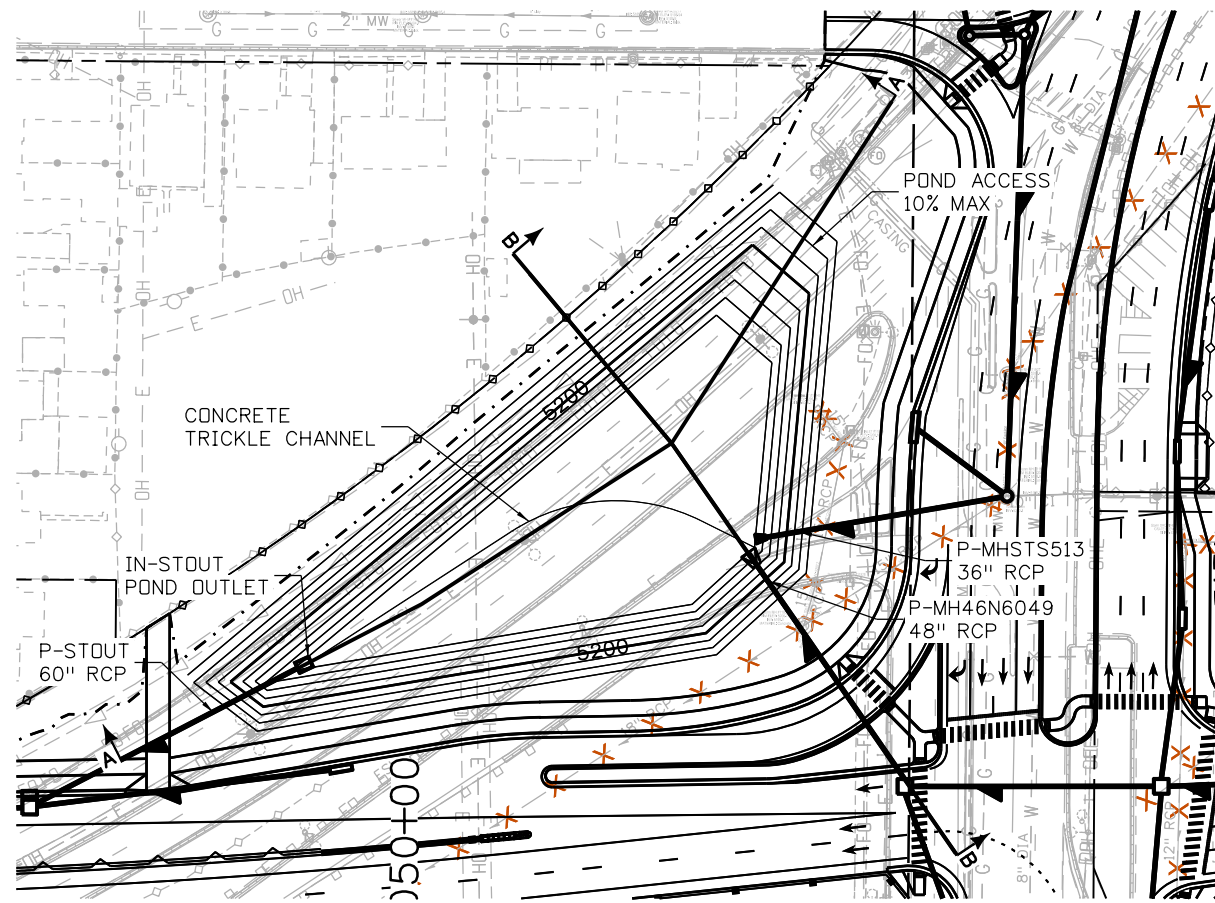
Colorado Department of Transportation
 2000 South Holly Street
 Denver, CO 80222
 Phone: 303-757-9295 FAX: 303-757-9963
 Region 1
 JKE

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No Revisions:
Revised:
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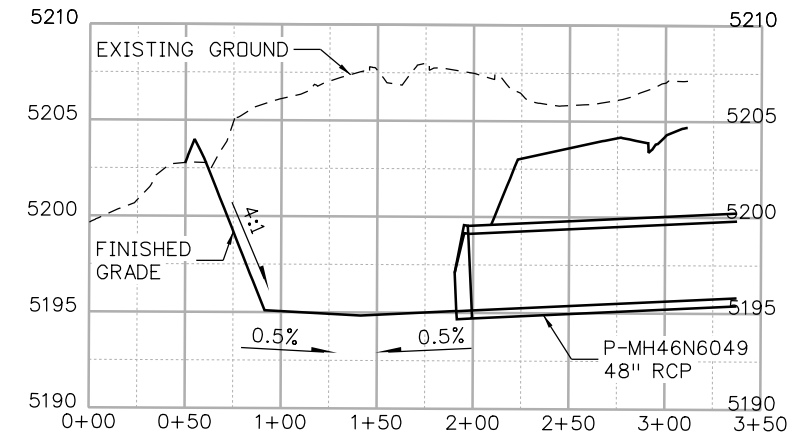
I-70 YORK POND STA 2025+00	
Designer: J HOLLON	Structure Numbers
Detailer: S ACOSTA	
Sheet Subset: DRAINAGE	Subset Sheets: 1 of

Project No./Code
FBR 0704-234
19631
Sheet Number PD-03

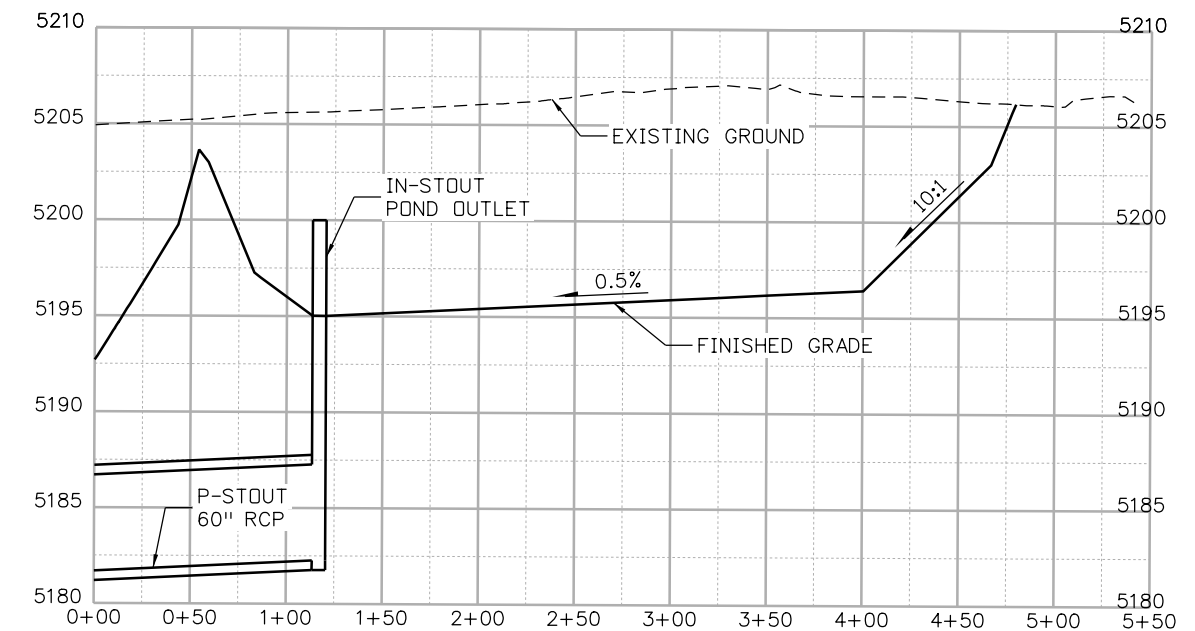
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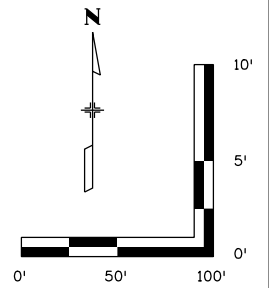
VASQUEZ POND PLAN VIEW



SECTION B-B



SECTION A-A



Print Date: 5/24/2017

File Name: 19631HYDR_Pond-PD-04.dgn

Scale: 1:100

Sheet Revisions

Date:	Comments	Init.

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Region 1

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No Revisions:

Revised:

Void:

I-70
VASQUEZ EAST POND
STA 2055+00

Designer:	J HOLLON	Structure	
Detailer:	S ACOSTA	Numbers	
Sheet Subset:	DRAINAGE	Subset Sheets:	1 of

Project No./Code

FBR 0704-234

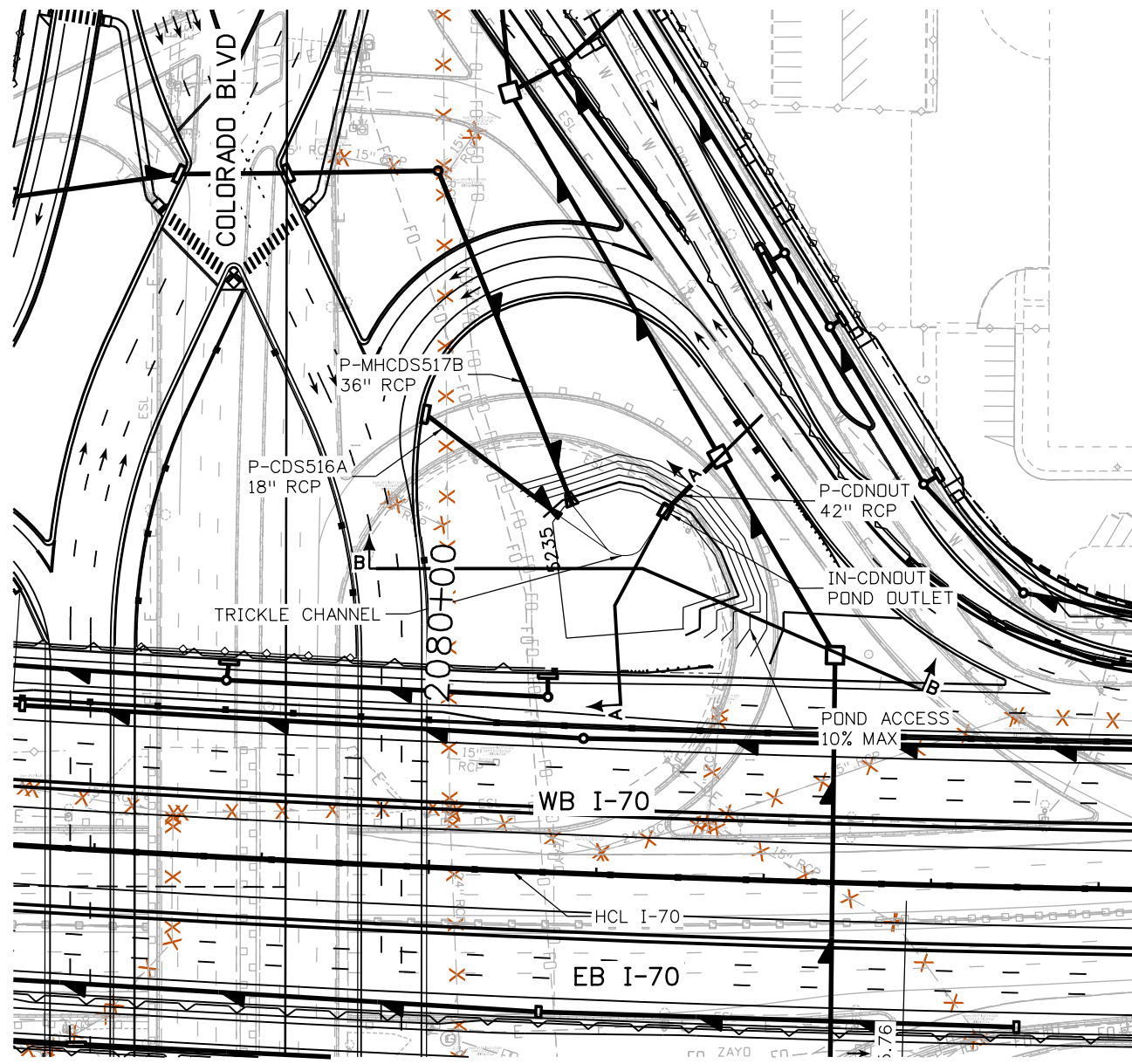
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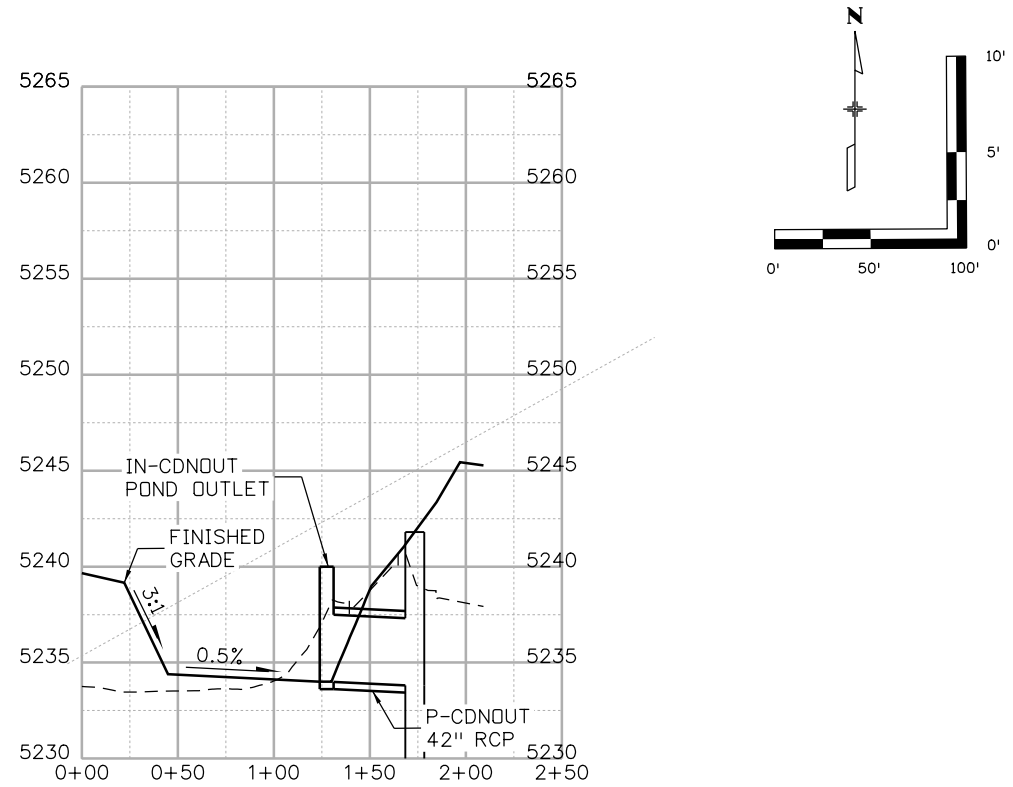
5280 Connectors
Linking I-70 Communities



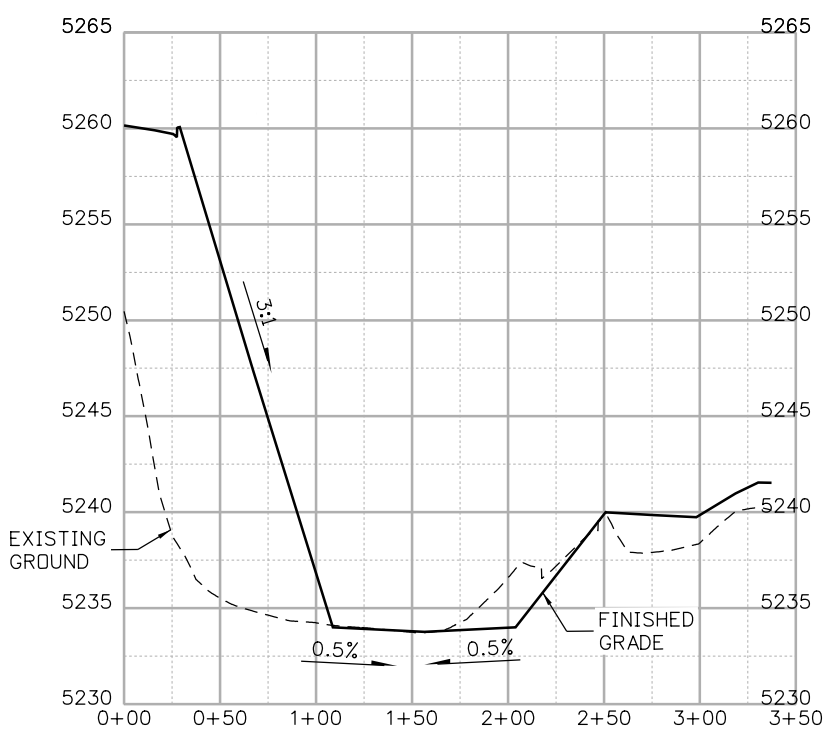
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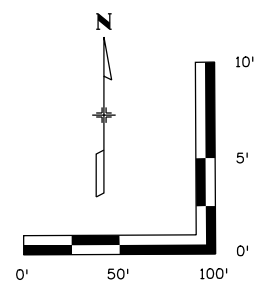
COLORADO NORTH POND PLAN VIEW



SECTION A-A



SECTION B-B



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5280 Connectors
 Linking I-70 Communities

Sheet Revisions		
Date:	Comments	Init.

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Region 1 JKE

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No Revisions:
Revised:
Void:

I-70
COLORADO NORTH POND
 STA 2080+00

Designer: J HOLLON
 Detailer: S ACOSTA

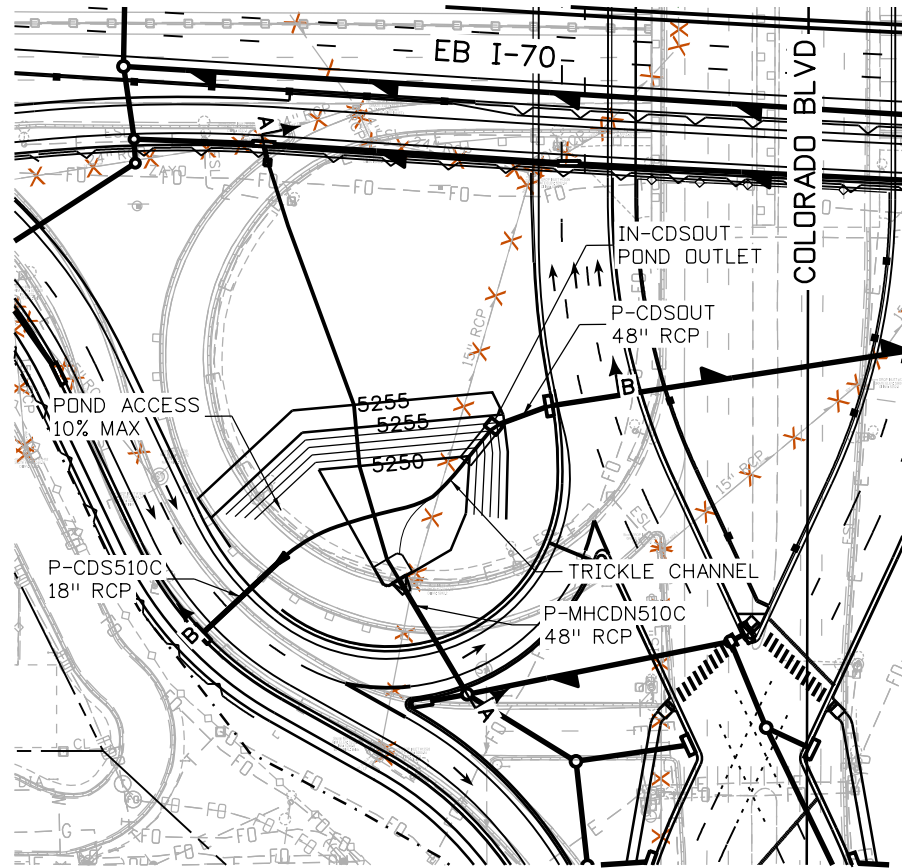
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Project No./Code
 FBR 0704-234

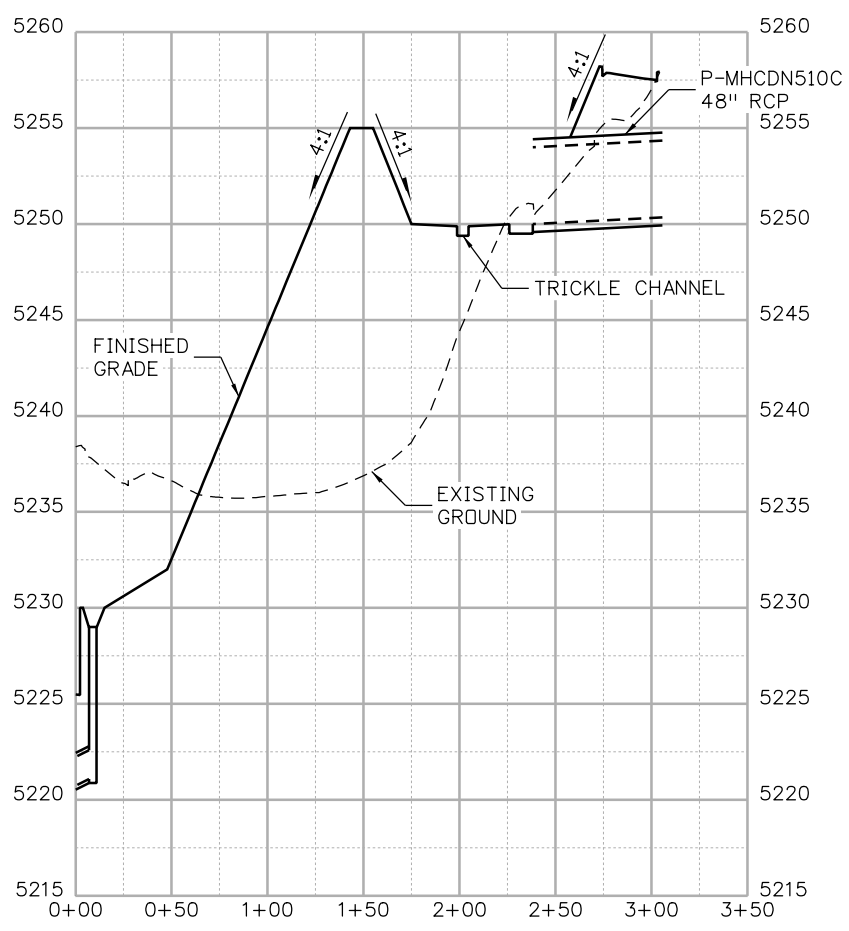
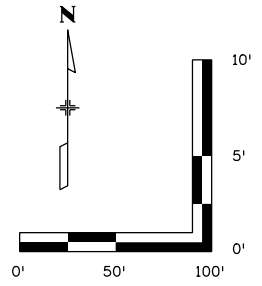
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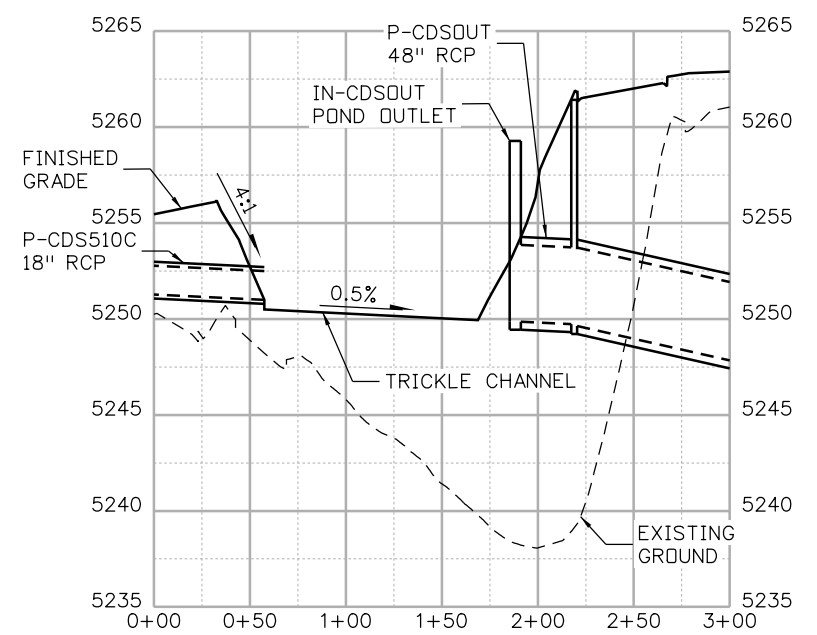
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COLORADO SOUTH POND PLAN VIEW



SECTION A-A

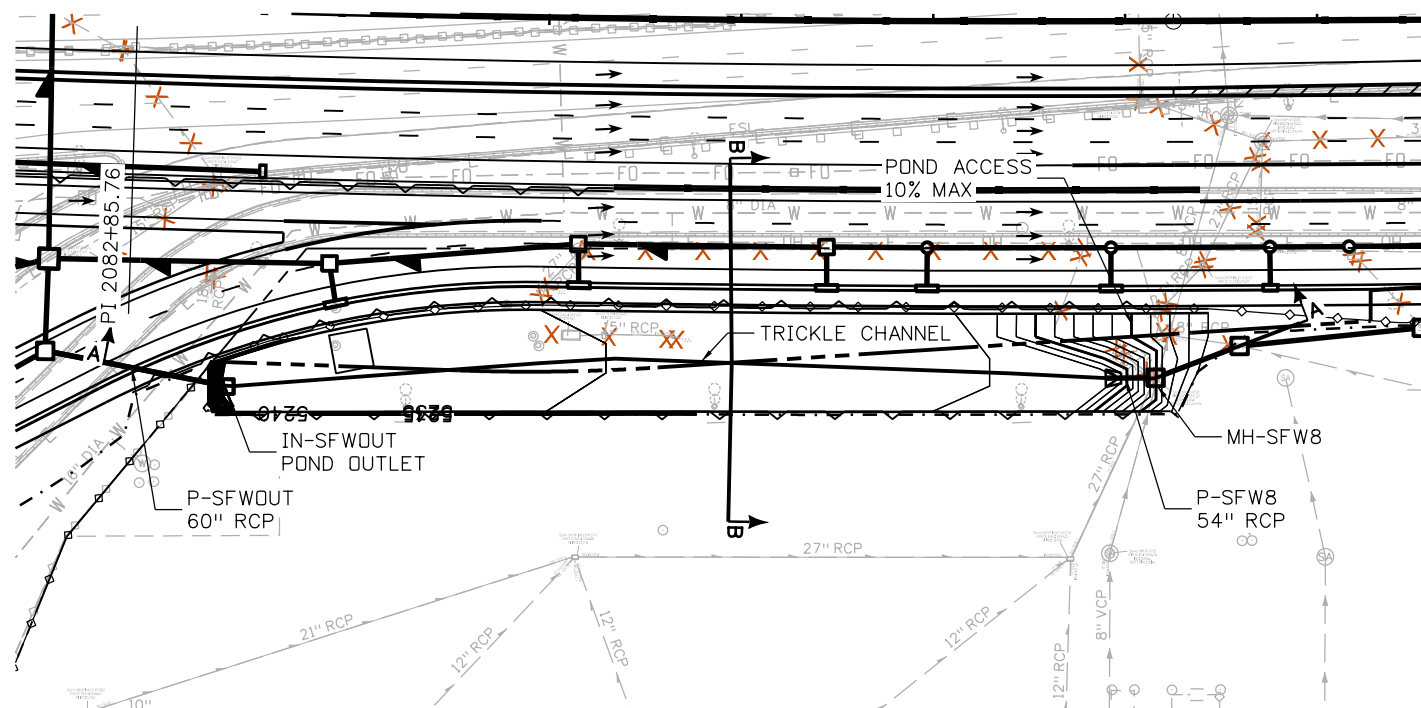


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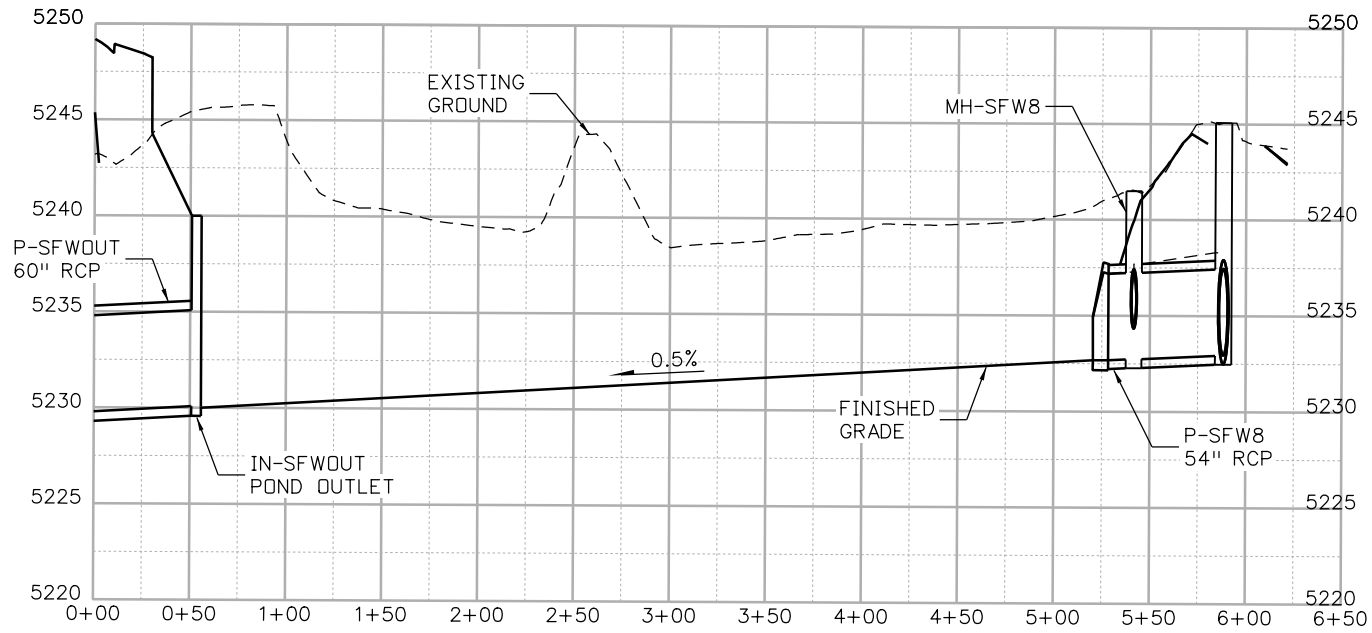
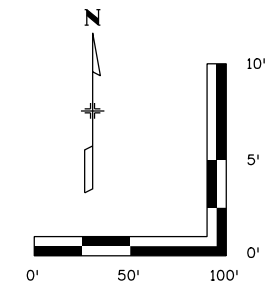
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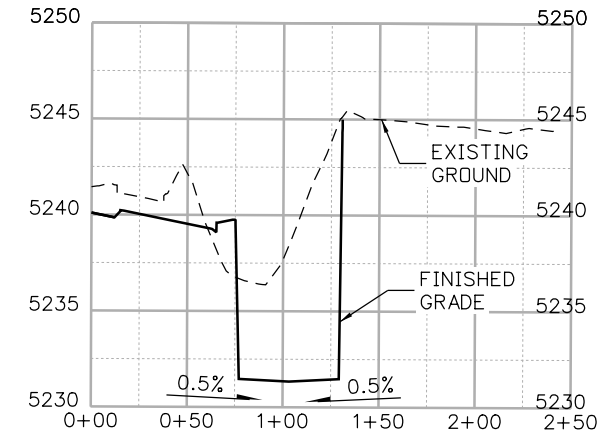
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SAFeway POND PLAN VIEW



SECTION A-A



SECTION B-B

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5280 Connectors
 Linking I-70 Communities

Sheet Revisions		
Date:	Comments	Init.

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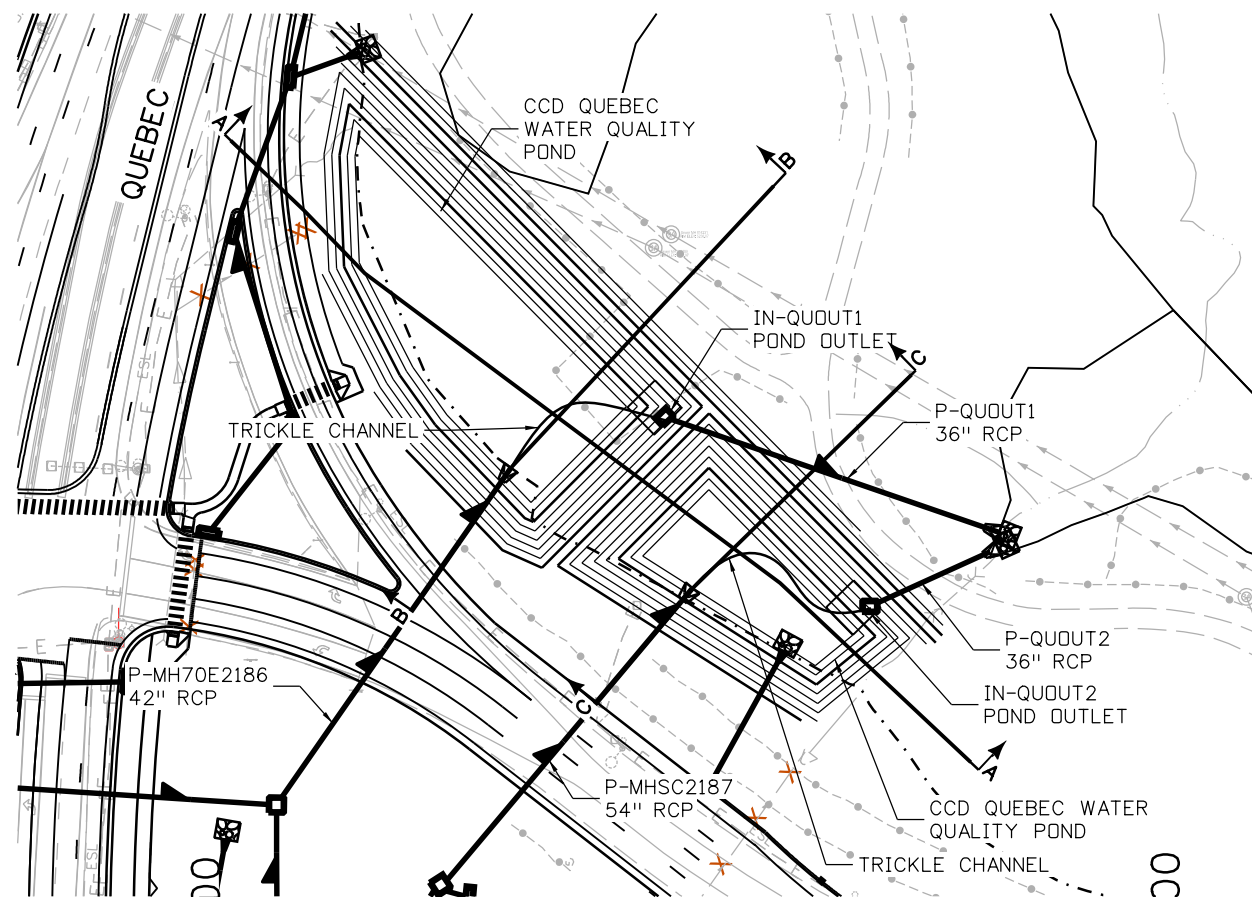
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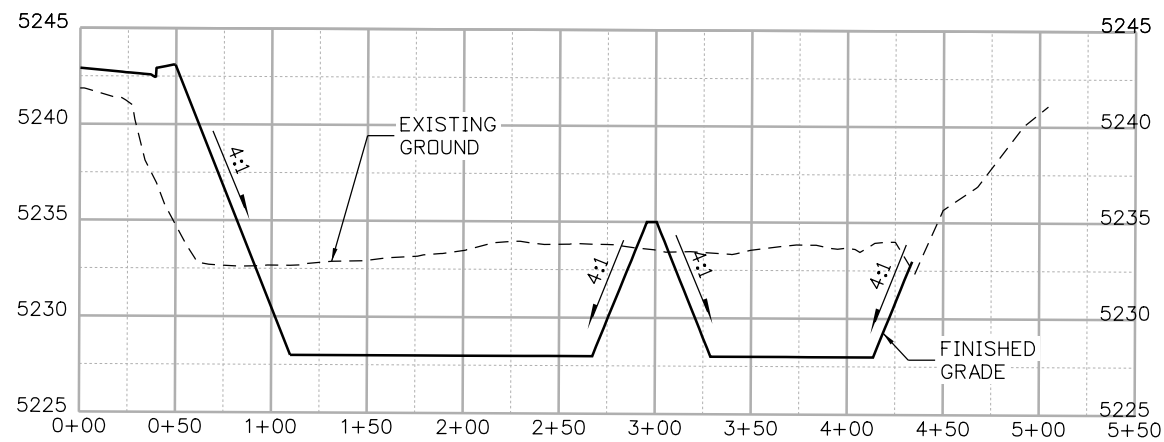
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Designer: J HOLLON	Structure Numbers
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Sheet Number PD-07

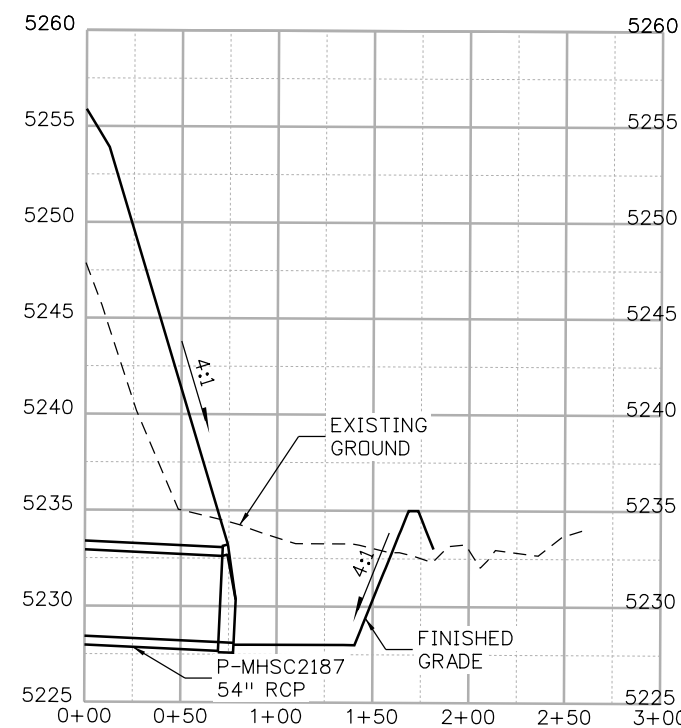
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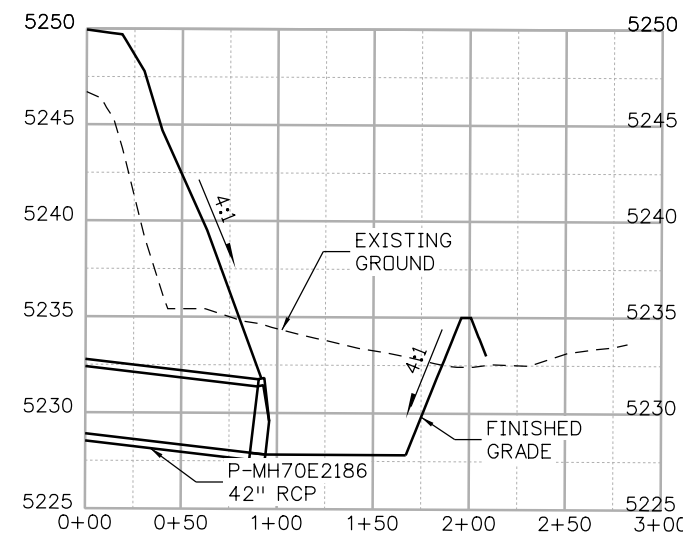
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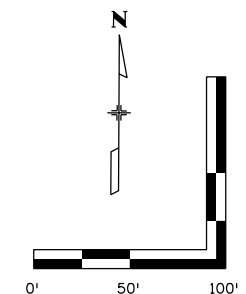
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SECTION C-C



SECTION B-B



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Void:

**I-70
QUEBEC NORTH POND
STA 2188+00**

Designer: J HOLLON
Detailer: S ACOSTA
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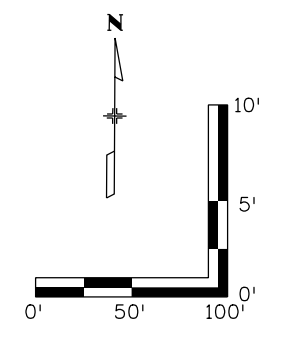
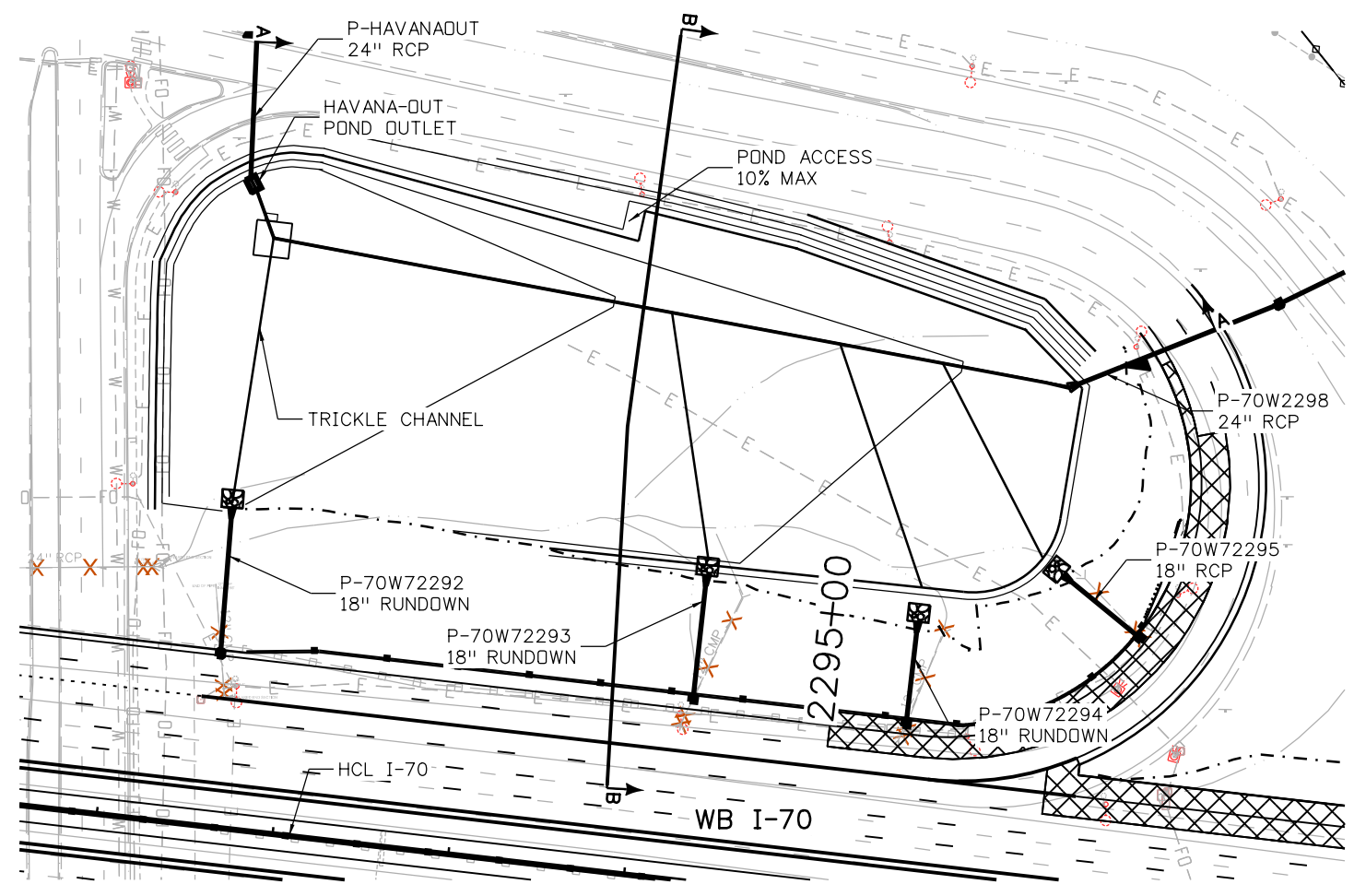
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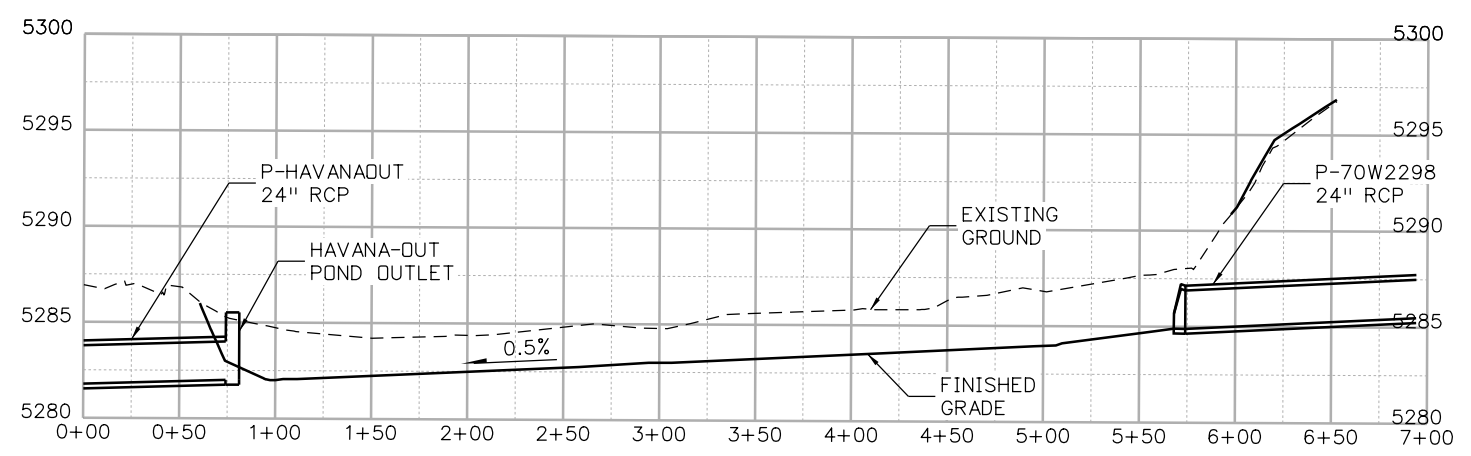
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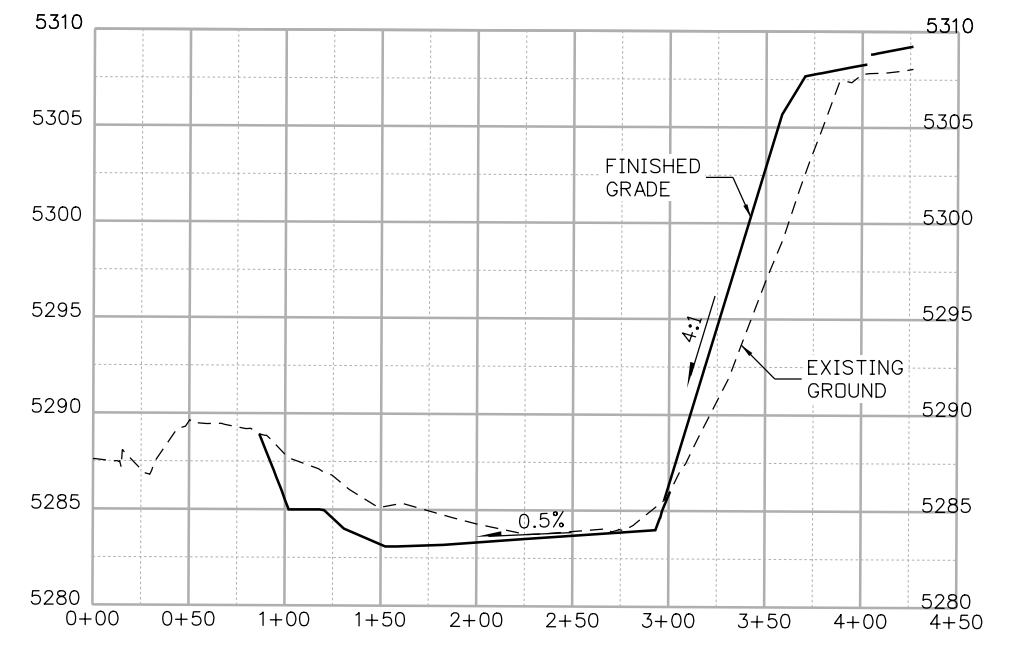
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HAVANA NORTH POND PLAN VIEW



SECTION A-A



SECTION B-B

Print Date: 5/24/2017
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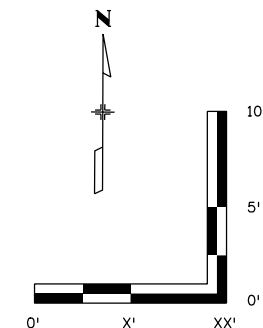
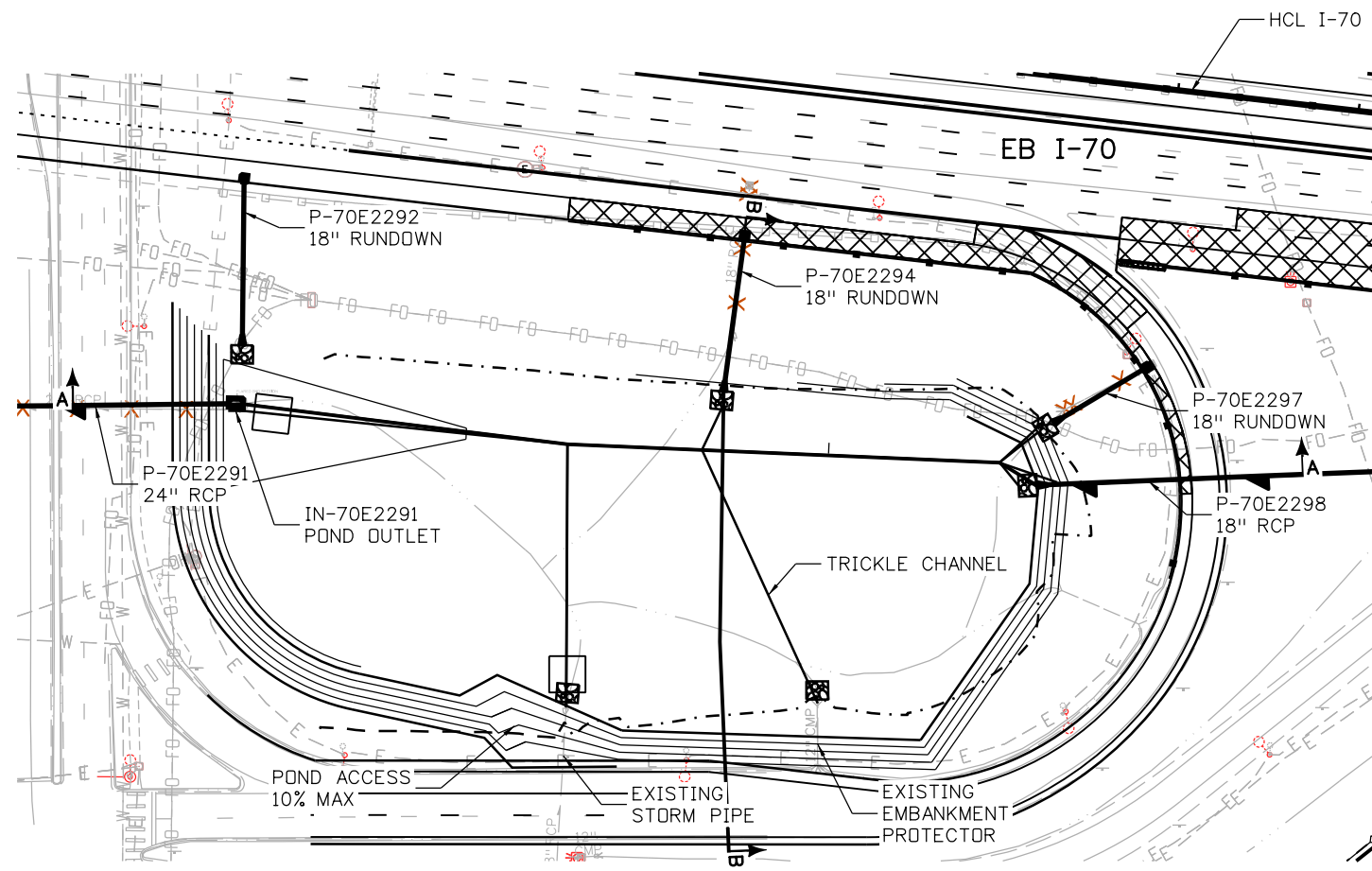
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 HAVANA NORTH POND
 STA 2293+00
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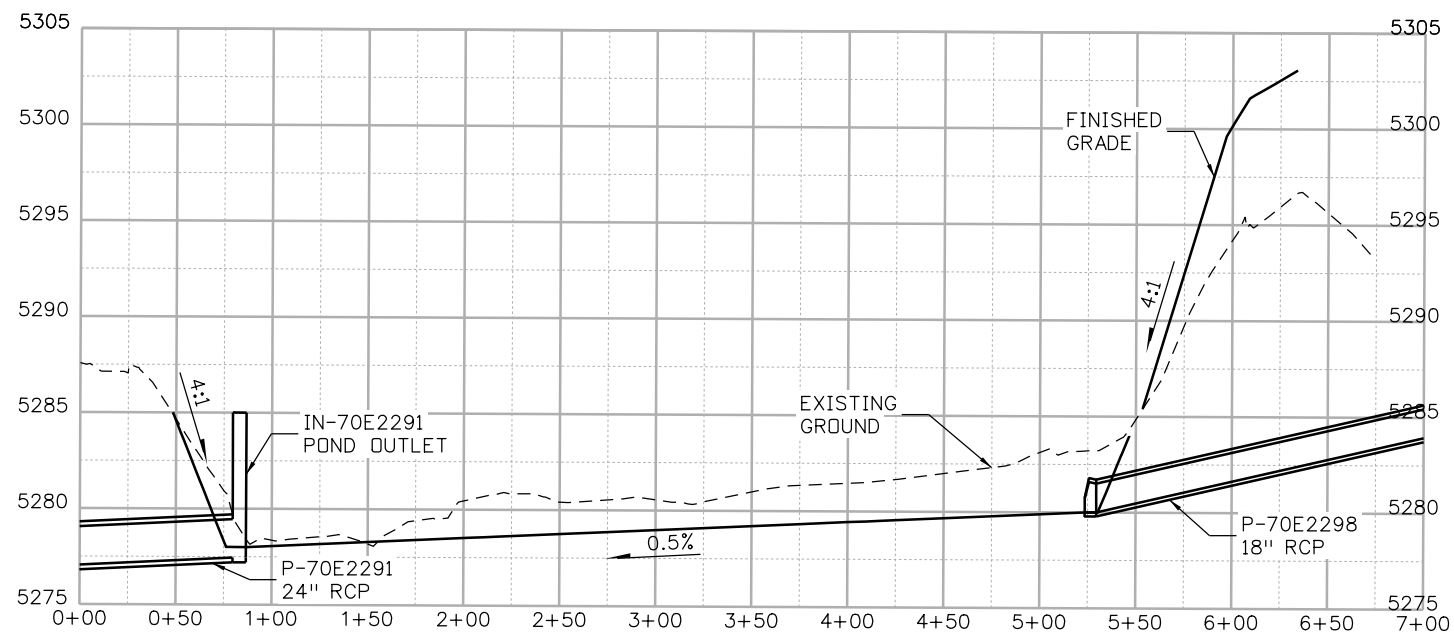
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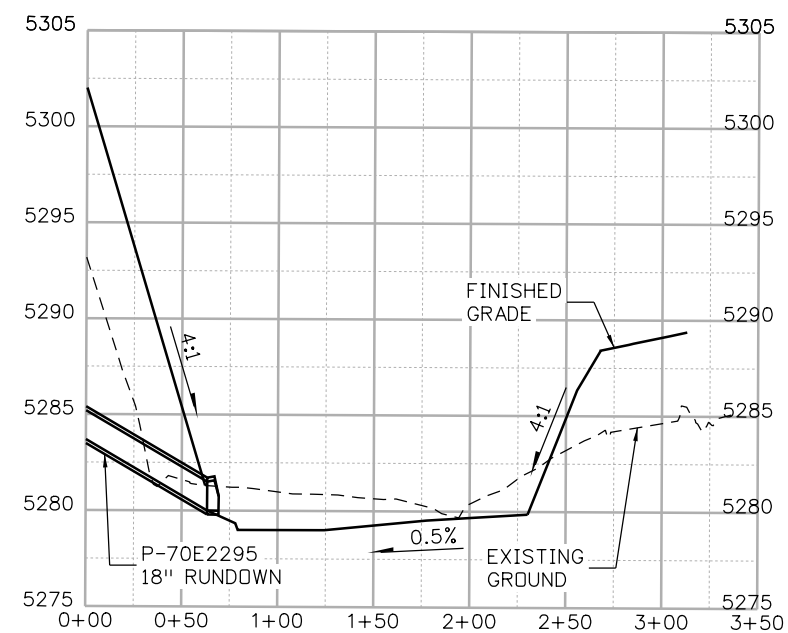
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HAVANA SOUTH POND PLAN VIEW



SECTION A-A



SECTION B-B

Print Date: 5/24/2017

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Region 1

JKE

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Void:

I-70
HAVANA SOUTH POND
STA 2293+00

Designer: J HOLLON

Detailer: S ACOSTA

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Structure
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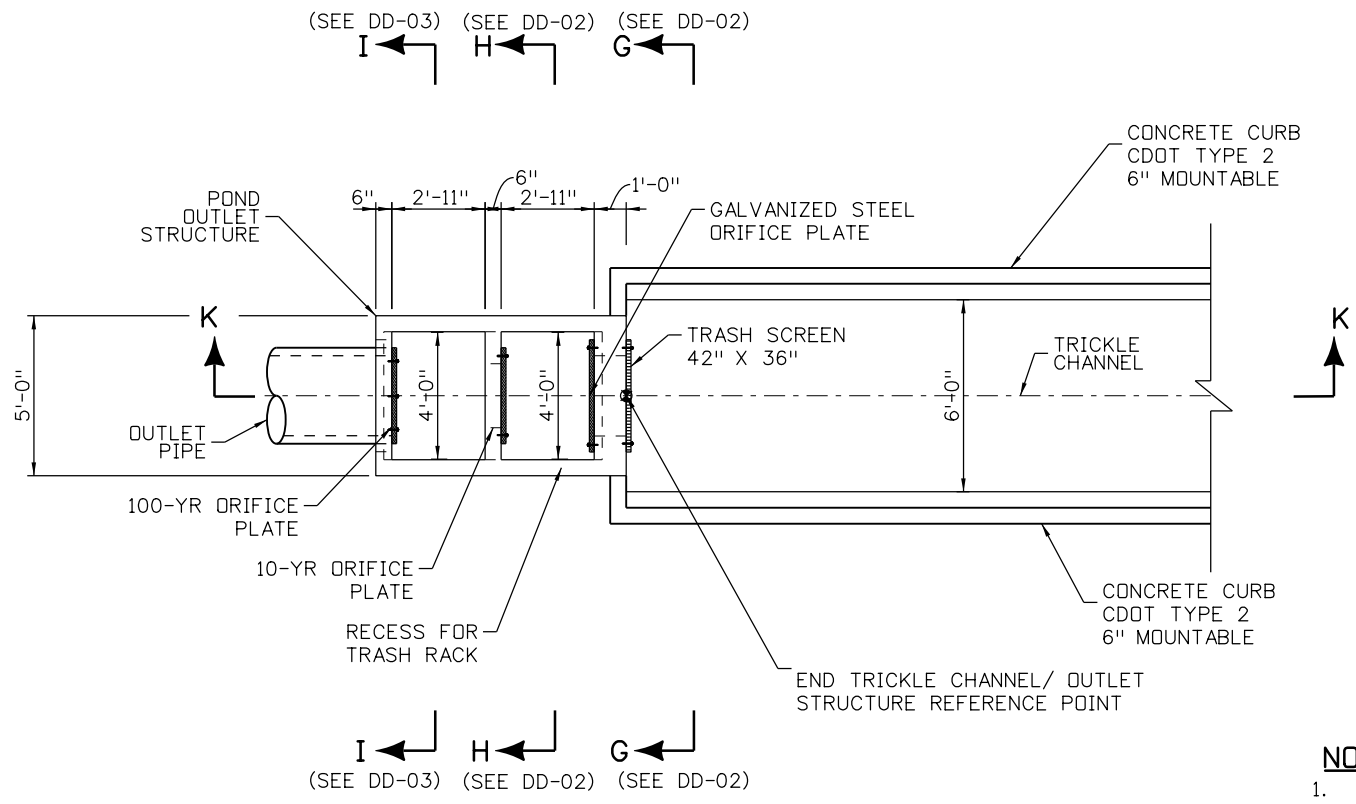
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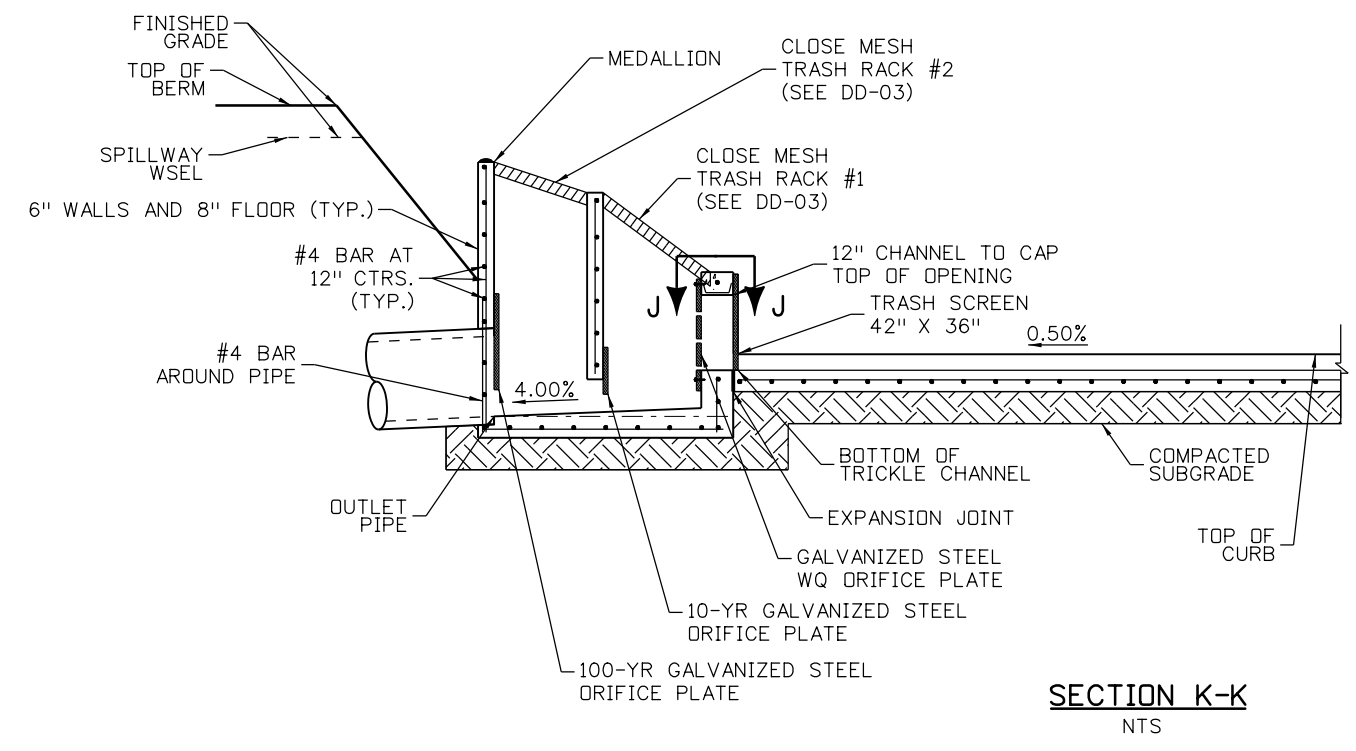
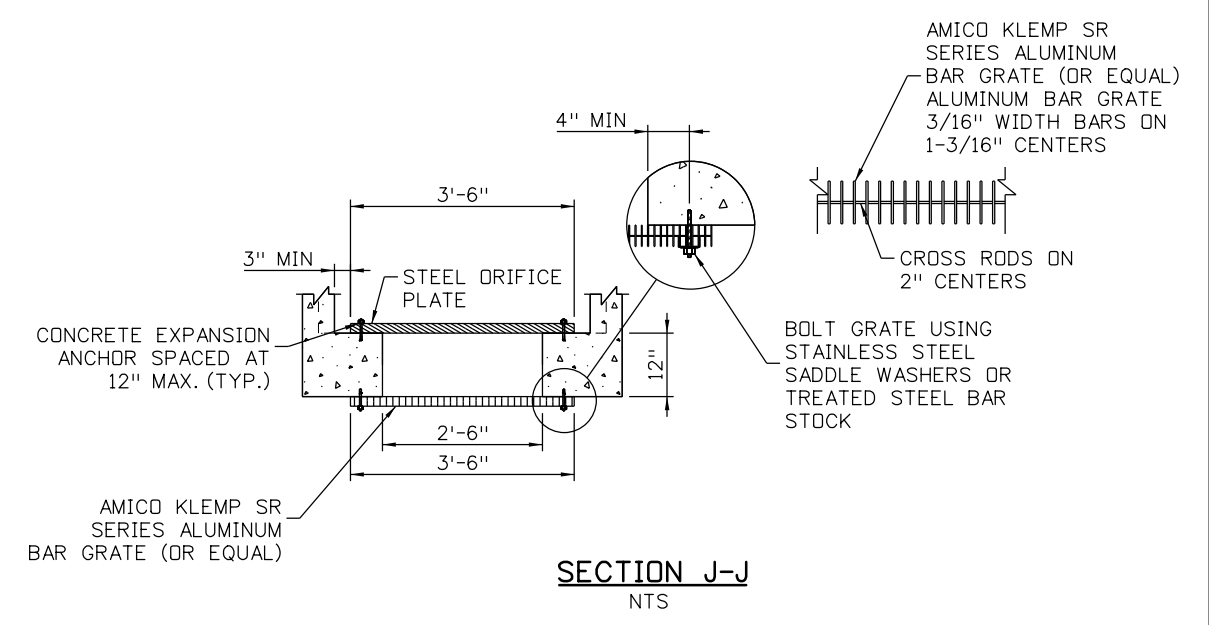


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**EDB POND A
OUTLET STRUCTURE PLAN VIEW**
NTS



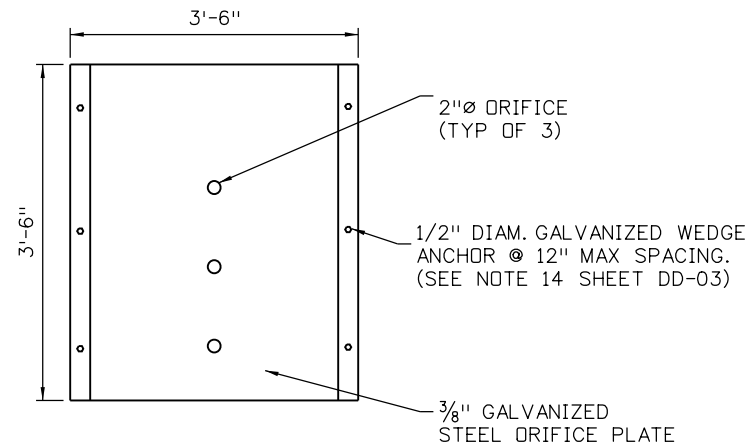
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NTS

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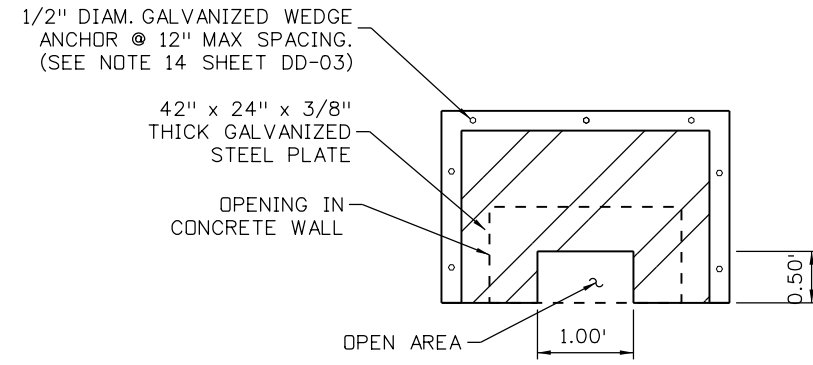
1. INLET MAY BE CAST IN-PLACE OR PRECAST.
2. SEE PLANS FOR SIZE AND LOCATION OF PIPE.
3. STRUCTURAL STEEL FOR GRATES AND GRATE INSTALLATION HARDWARE SHALL BE GALVANIZED AND SHALL BE IN ACCORDANCE WITH CDOT STANDARDS.
4. STEPS SHALL BE PROVIDED AND SHALL CONFORM WITH AASHTO M 199.
5. REINFORCING BARS SHALL BE EPOXY COATED AND DEFORMED #4, AND SHALL HAVE A 2 IN. MIN. CLEARANCE. CUT OR BEND BARS AROUND PIPE AS REQUIRED.
6. ALL INLETS SHALL HAVE A 4 IN. DIA. METAL MEDALLION WITH A "NO DUMPING DRAINS TO STREAM" MESSAGE ON IT. THE MEDALLION SHALL HAVE A FISH SYMBOL WITH A BLUE BACKGROUND. IT SHALL BE FIRMLY ATTACHED TO THE INLET'S SURFACE WITH A PERMANENT FASTENER.
7. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE COLORADO DEPARTMENT OF TRANSPORTATION 2011 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE ILEX PROJECT SPECIAL PROVISIONS.
8. ALL CONCRETE ASSOCIATED WITH DRAINAGE STRUCTURES SHALL BE CLASS B UNLESS OTHERWISE NOTED.
9. UNLESS NOTED OTHERWISE, ALL STEEL COMPONENTS SHALL BE AASHTO M270 (ASTM A709) GRADE 50.
10. UNLESS NOTED OTHERWISE, ALL STEEL ASSOCIATED WITH THESE DRAINAGE STRUCTURAL DETAILS SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION. GALVANIZED SURFACES DAMAGED DUE TO WELDING OR INSTALLATION SHALL BE REPAIRED USING AN APPROVED COLD APPLIED ZINC RICH COMPOUND.
11. ANCHORS FOR DRIFICE PLATES AND SCREENS SHALL BE A MECHANICAL EXPANSION TYPE INSTALLED PER MANUFACTURER'S SPECIFICATIONS. EPOXY OR ADHESIVE BASED ANCHORAGE SYSTEMS ARE NOT PERMITTED. ACCEPTABLE ANCHOR SYSTEMS ARE AS FOLLOWS: SIMPSON "WEDGE ALL", WILLIAMS FORM "R1S/B7S HIGH TENSILE SPIN LOCK", HILTI "KWIK BOLT 3", OR APPROVED EQUAL. ALL ANCHORS SHALL BE GALVANIZED. ANCHOR EMBEDMENT DEPTH SHALL BE SELECTED TO RESIST A FACTORED TENSION PULLOUT LOAD OF 600 POUNDS PER ANCHOR. CONSULT WITH A REPRESENTATIVE OF THE ANCHOR MANUFACTURER WHEN SELECTING ANCHOR LENGTH. EMBEDMENT DEPTH SHALL BE AT LEAST 3" INTO CONCRETE. A MINIMUM OF TWO ANCHORS PER FASTENED EDGE OF PLATE SHALL BE USED. ANCHOR LOCATIONS AND LENGTHS FOR DRIFICE PLATES SHOULD BE COORDINATED WITH ANCHOR LOCATIONS FOR SCREENS SUCH THAT OPPOSING ANCHORS ARE NOT IN CONFLICT.
12. EXCAVATION AND BACKFILL FOR OUTLET STRUCTURES SHALL BE PER CDOT STANDARD PLAN NO. M-206-1 "END OF PIPE". BACKFILL MAY BE CDOT CLASS 1 OR CLASS 2.

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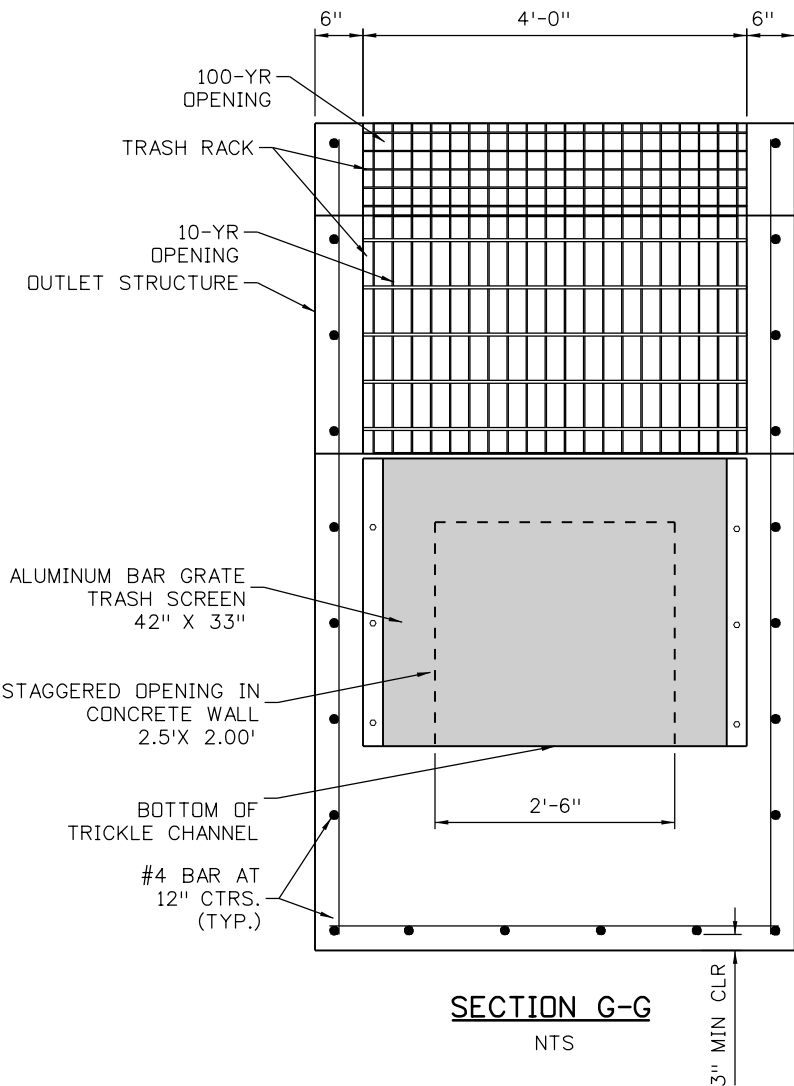
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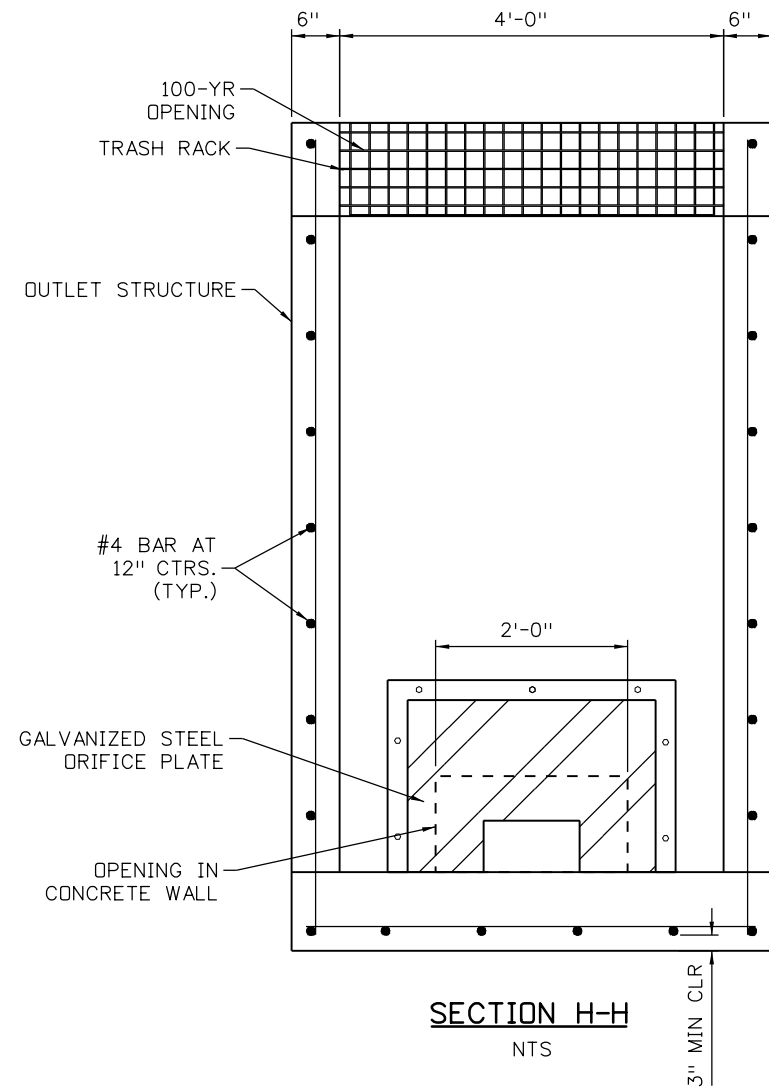
STEEL ORIFICE PLATE
NTS



10-YR ORIFICE PLATE
NTS




SECTION G-G
NTS



SECTION H-H
NTS

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Region 1 **JKE**

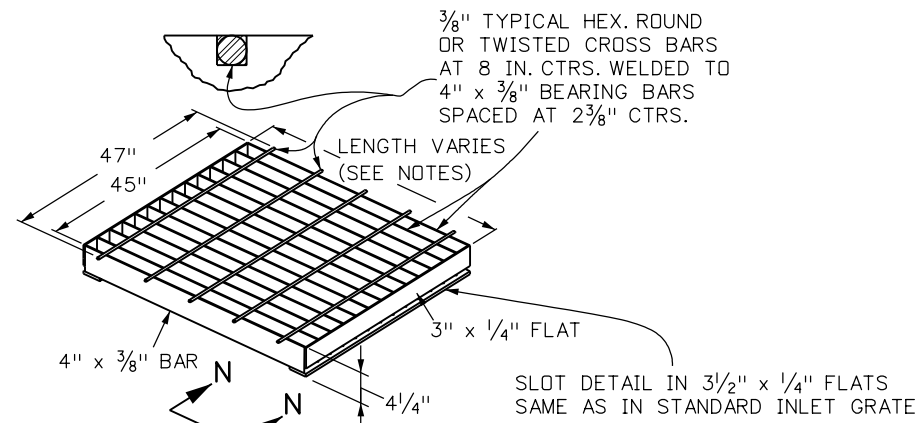
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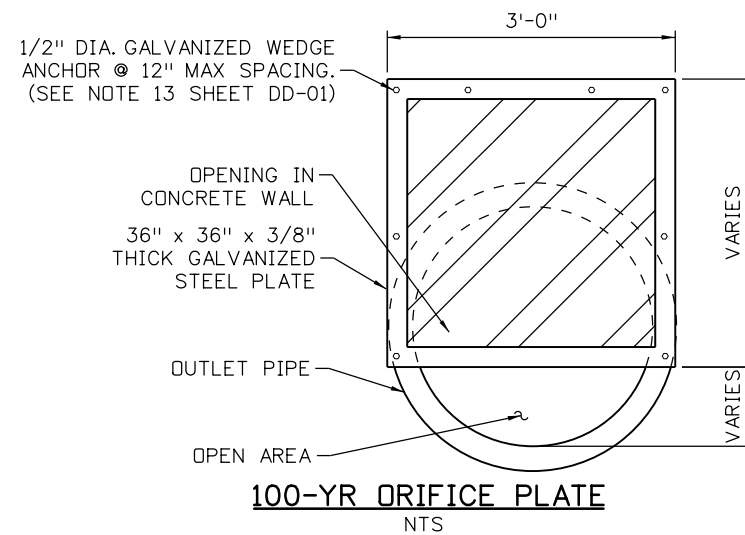
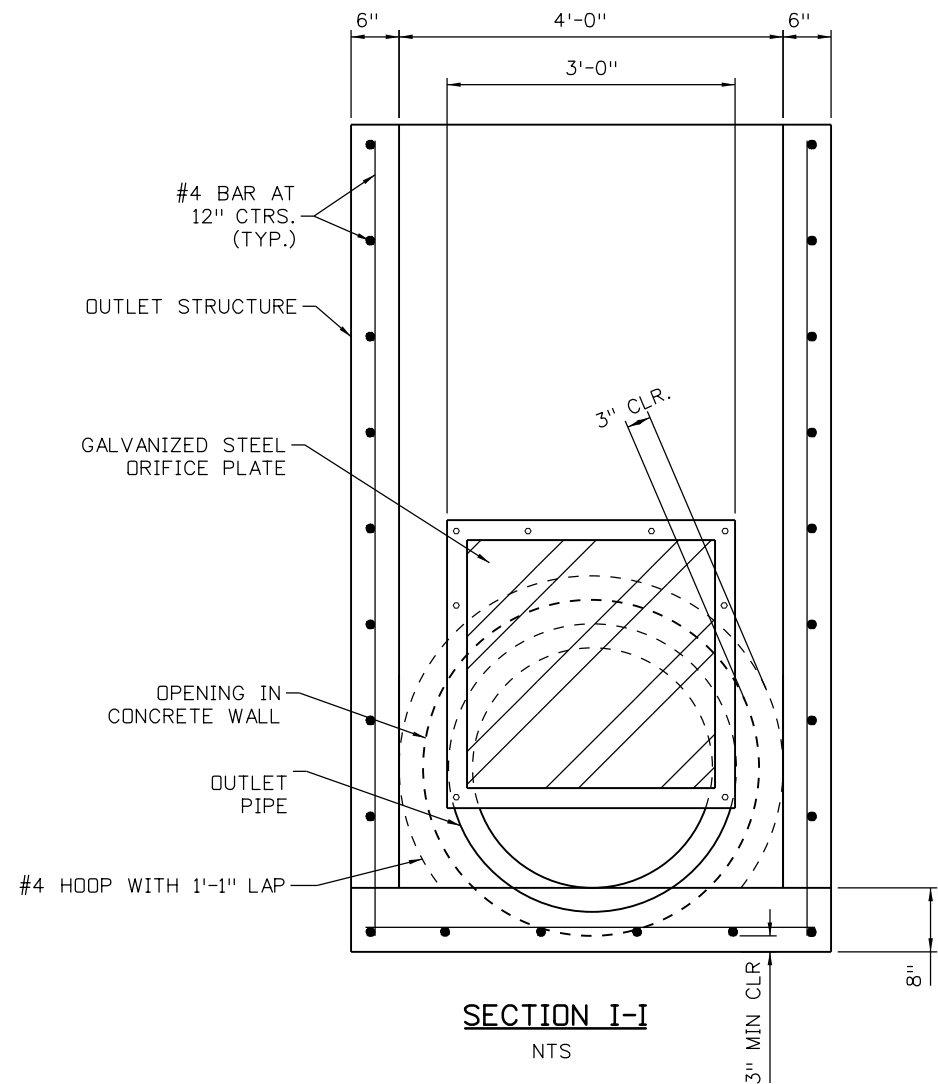
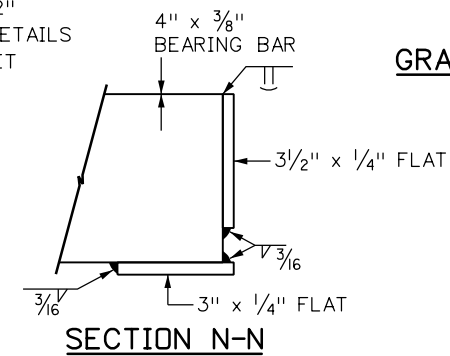
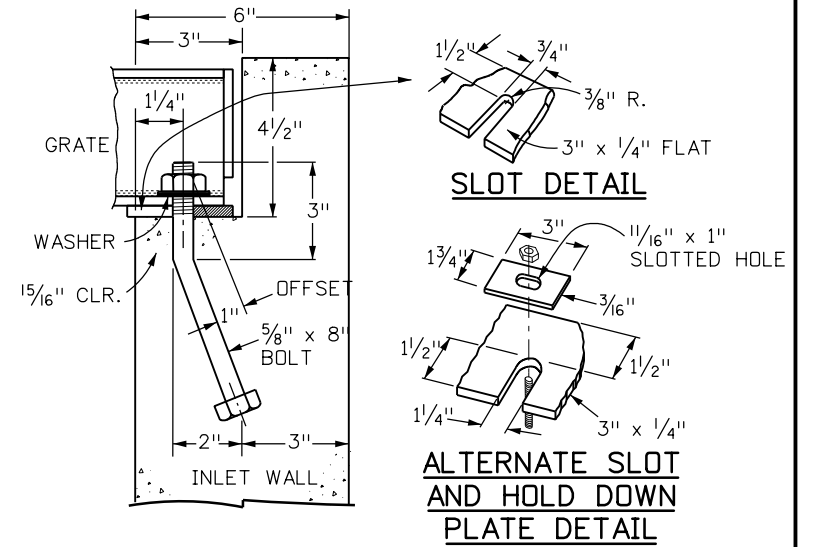
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- NOTES:**
1. CLOSE MESH GRATE #1: 52"
 2. CLOSE MESH GRATE #2: 42"
 3. DEFER TO M-604-11 FOR DETAILS NOT SHOWN ON THIS SHEET



Print Date: 5/24/2017

File Name: 19631HYDR_DD-03.dgn

Sheet Revisions

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POND DRAINAGE DETAIL

Designer: S. ACDSTA

Detailer: S. ACDSTA

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Structure Numbers

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Project No./Code

FBR 0704-234

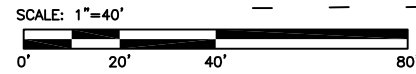
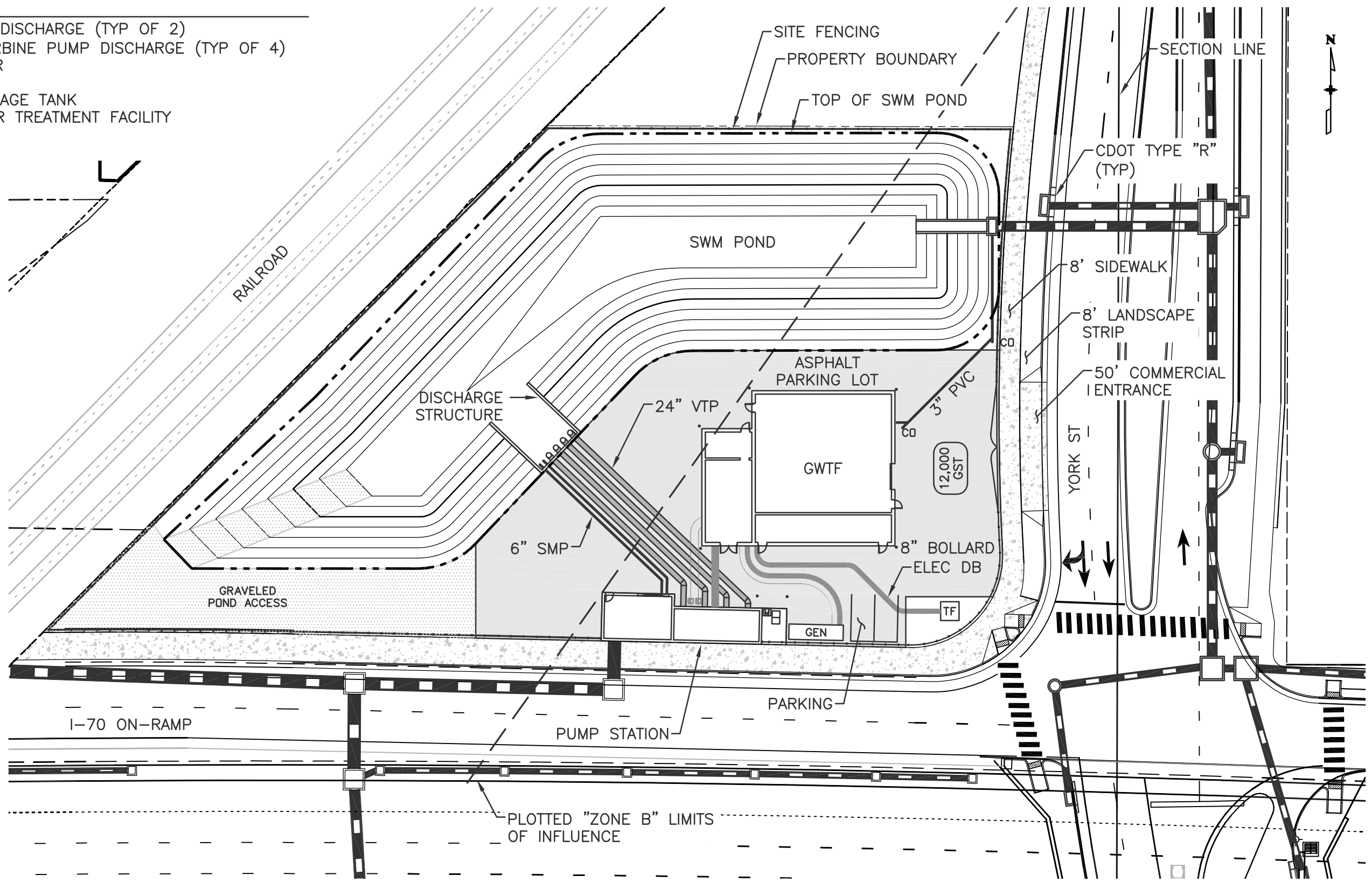
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Sheet Number DD-03

5280 Connectors
Linking I-70 Communities

ABBREVIATIONS

SMP	SUMP PUMP DISCHARGE (TYP OF 2)
VTP	VERTICAL TURBINE PUMP DISCHARGE (TYP OF 4)
TF	TRANSFORMER
GEN	GENERATOR
GST	GALLON STORAGE TANK
GWTF	GROUNDWATER TREATMENT FACILITY
CO	CLEANOUT
DB	DUCT BANK



Design	INITIAL	DATE	Designed By	Checked By
Detail	INITIAL	DATE	Detailed By	Checked By
Quantities	INITIAL	DATE	Quantities By	Checked By

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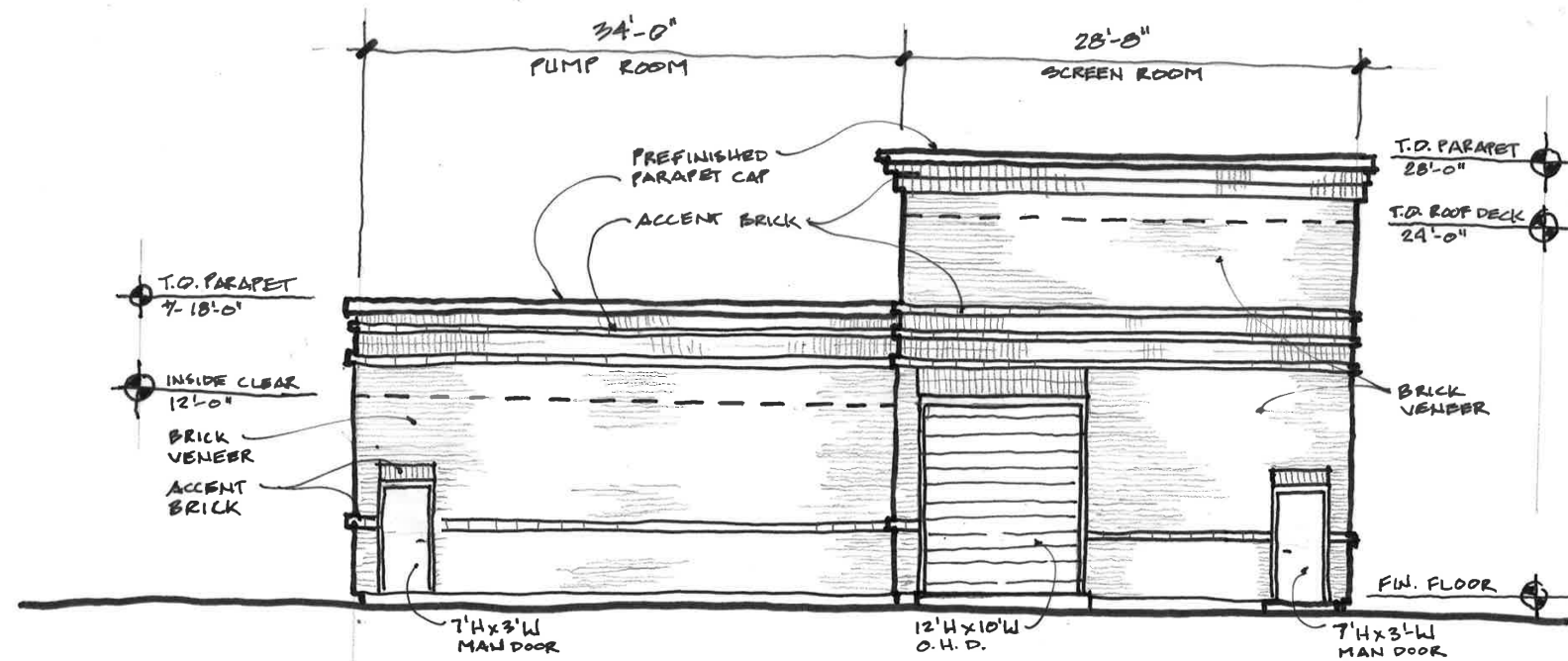
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Revised:
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I-70
 STORMWATER PS/GROUNDWATER TF
 OVERALL SITE PLAN

Designer:	CP	Structure Numbers
Detailer:	DC	
Sheet Subset:		Subset Sheets:

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NORTH ELEVATION - SWPS
NTS

Print Date: 5/25/2017

File Name: PSA-01.dgn

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Sheet Revisions

Date:	Comments	Init.

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Region 1

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Void:

**STORMWATER PUMP STATION
NORTH ELEVATION**

Designer: J. SPEAGLE

Detailer: J. SPEAGLE

Sheet Subset: DRAINAGE

Structure
Numbers

Subset Sheets: of

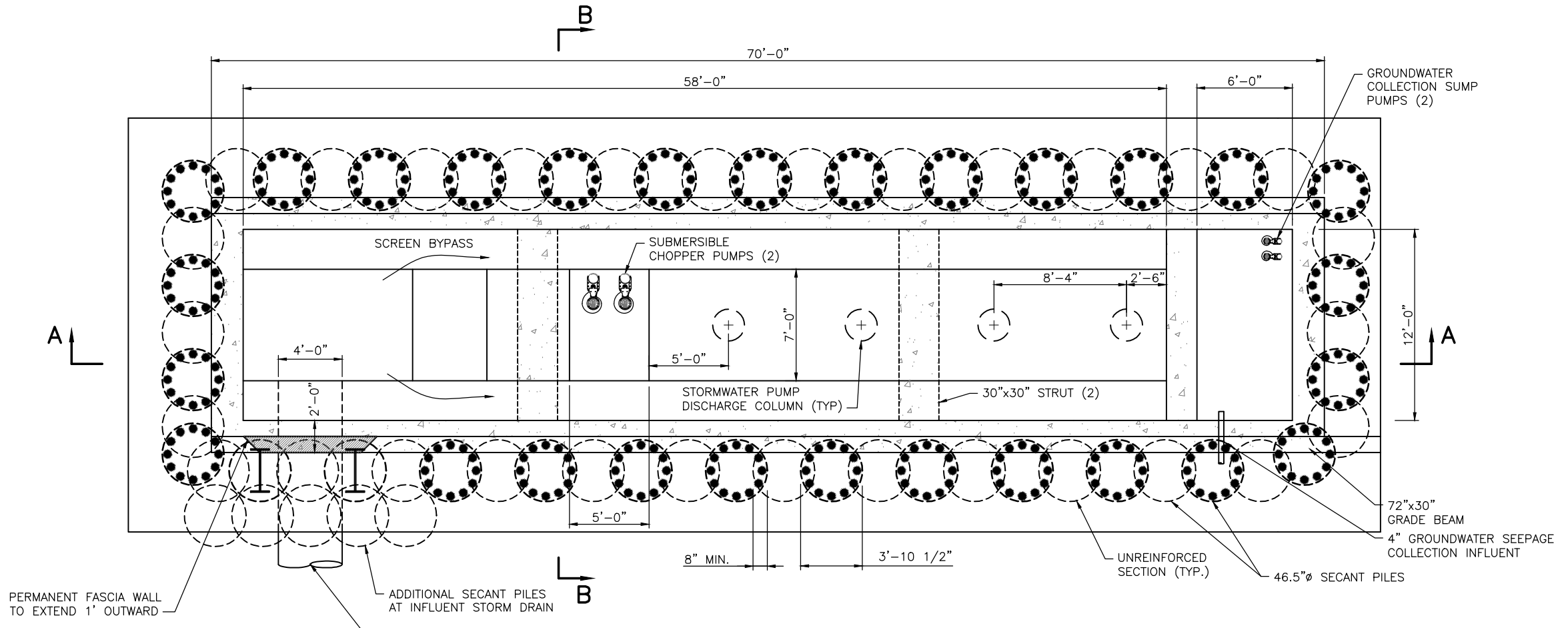
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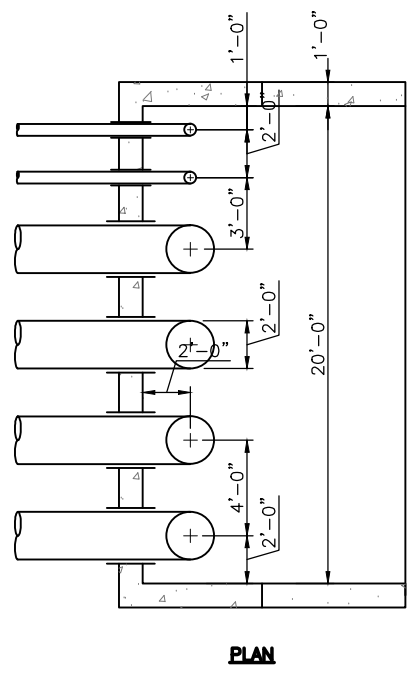
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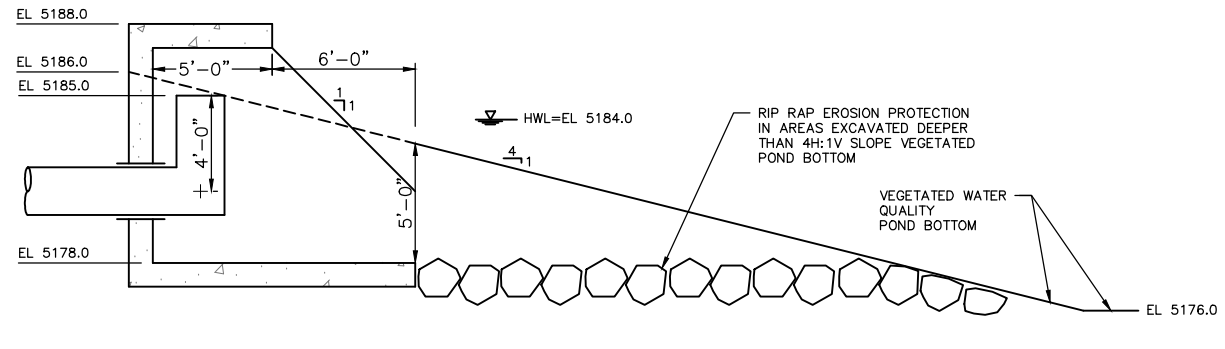
5280 Connectors
Linking I-70 Communities



PLAN @ ELEVATION 5163.0'
SCALE: 1/4" = 1'-0"

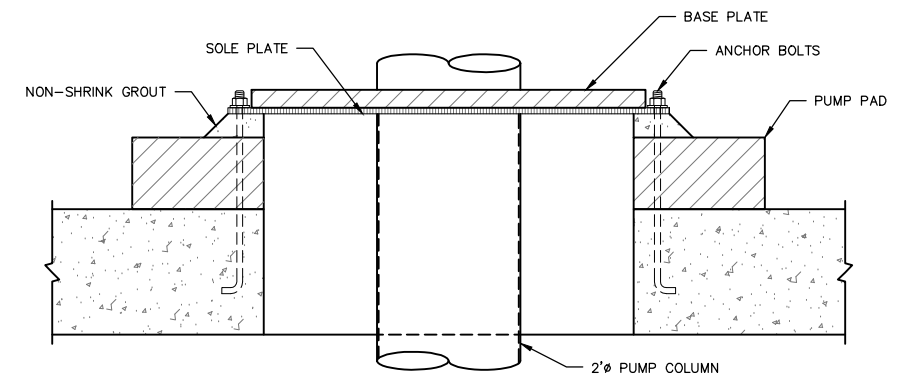


PLAN





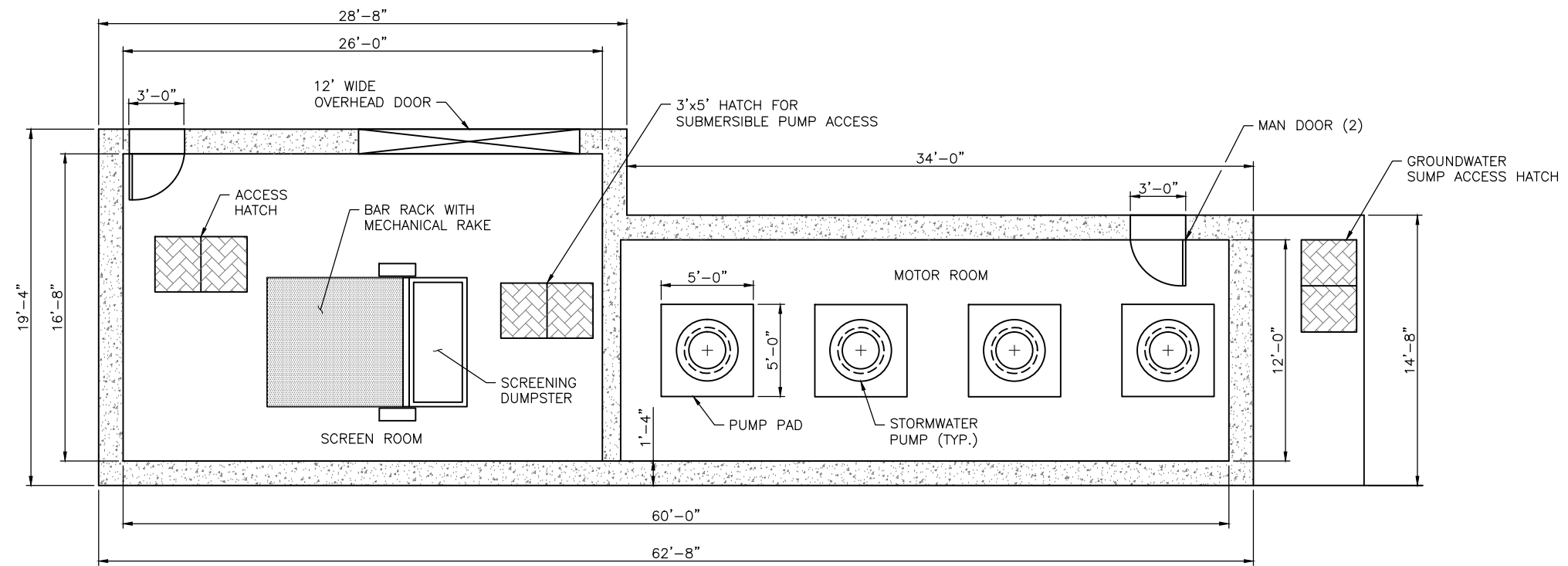
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DISCHARGE STRUCTURE
SCALE: 1/4" = 1'-0"




PUMP SUPPORT DETAIL
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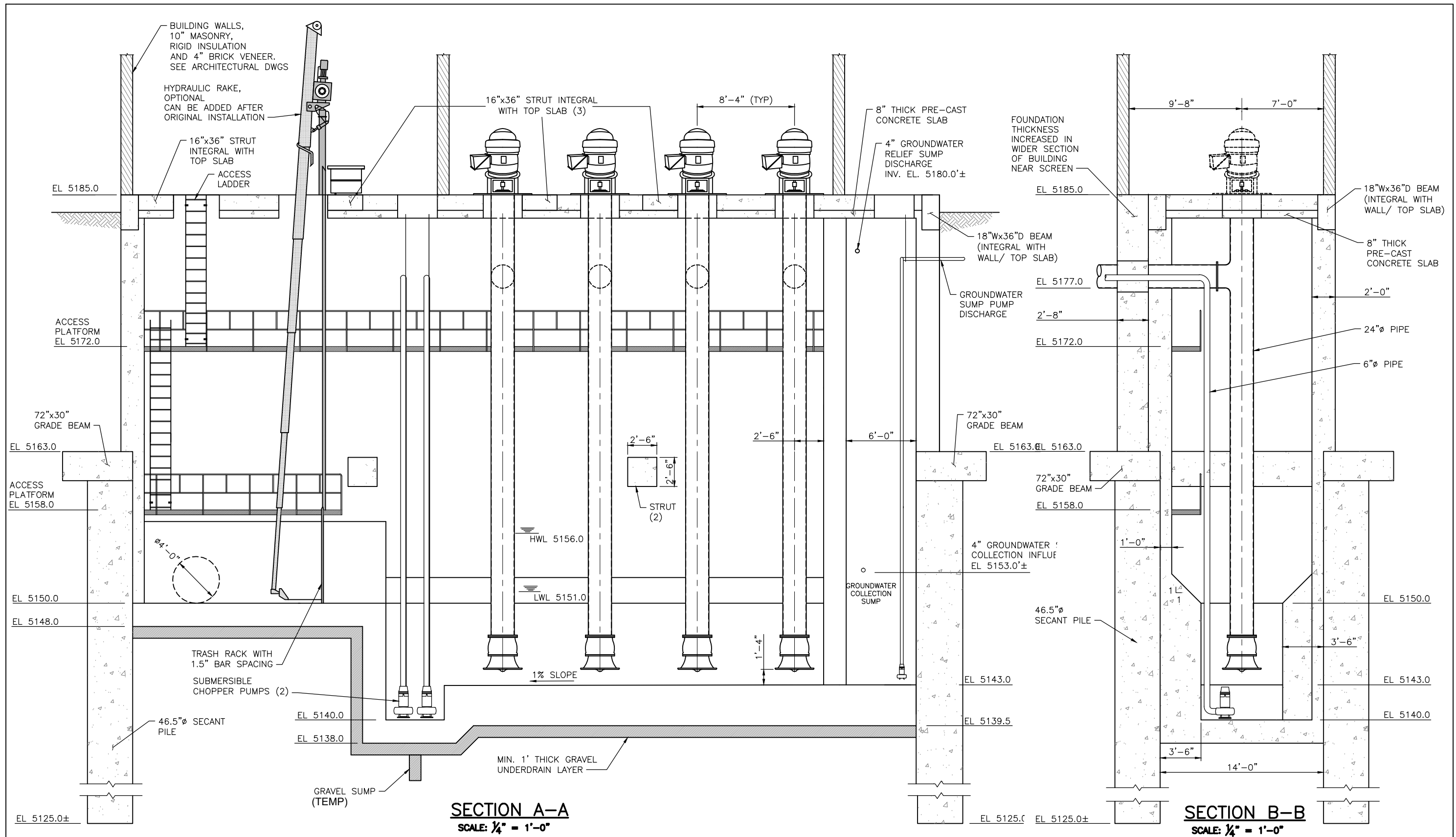
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Scale: VARIES				 2000 South Holly Street Denver, CO 80222 Phone: 303-757-9295 FAX: 303-757-9963 Region 1	Revised:	Detailer:	19631	
 Linking I-70 Communities					Void:	Sheet Subset:	Subset Sheets: 1 of 3	Sheet Number PSD-01



PLAN @ ELEVATION 5185.0'
SCALE: 1/4" = 1'-0"

Print Date: MAY 2017	File Name: VERICAL COLUMN DISCHARGE PUMP	Scale: VARIES	Sheet Revisions			Colorado Department of Transportation  2000 South Holly Street Denver, CO 80222 Phone: 303-757-9295 FAX: 303-757-9963 Region 1	As Constructed	I-70 STORMWATER PUMP STATION PLAN @ EL. 5185		Project No./Code FBR 0704-234
			Date:	Comments	Init.			No Revisions:	Designer:	
						Revised:	Detailer:	Sheet Subset:	Subset Sheets: 2 of 3	Sheet Number PSD-02
						Void:				





Print Date: MAY 1 2017
 File Name: VERICAL COLUMN DISCHARGE PUMP
 Scale: VARIES

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation
 2000 South Holly Street
 Denver, CO 80222
 Phone: 303-757-9295 FAX: 303-757-9963
 Region 1

As Constructed
 No Revisions:
 Revised:
 Void:

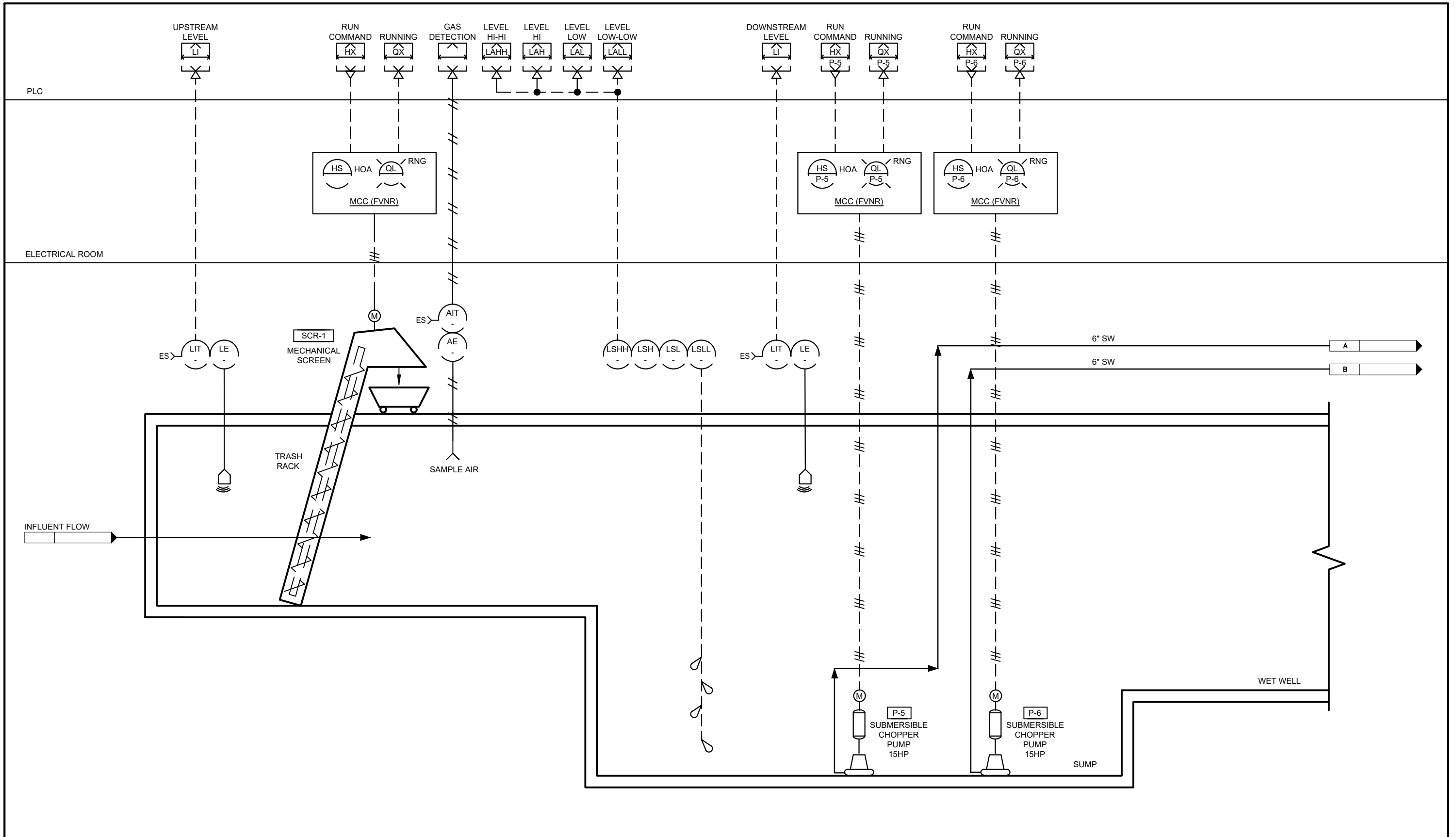
I-70
 STORMWATER PUMP STATION
 SECTION

Designer:
 Detailer:
 Sheet Subset:

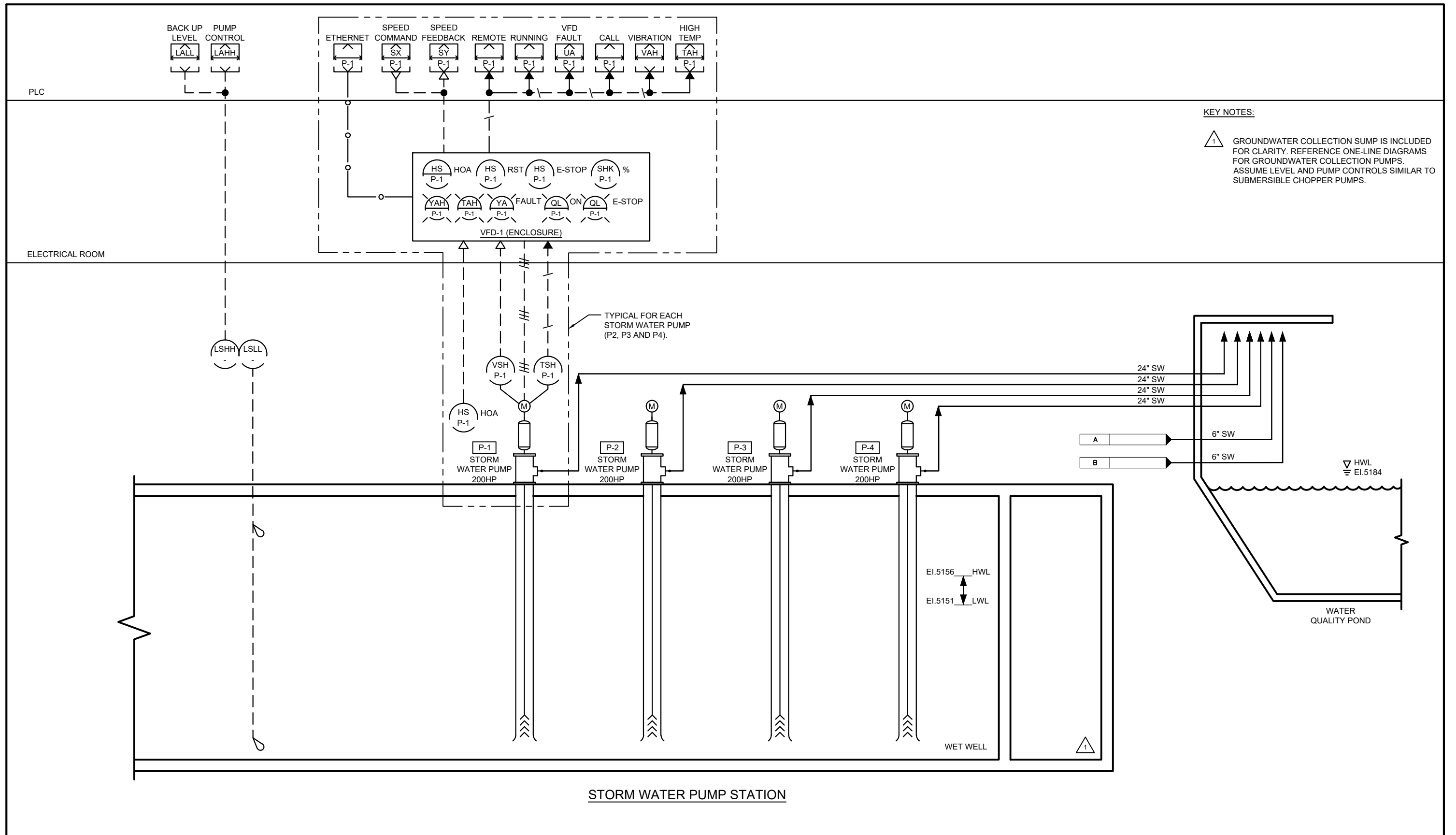
Structure
 Numbers
 Subset Sheets: 3 of 3

Project No./Code
 FBR 0704-234
 19631
 Sheet Number PSD-03





Print Date: 05/23/17			As Constructed No Revisions: Revised: Void:	I-70 STORMWATER PUMP STATION PROCESS & INSTRUMENTATION DIAGRAM		Project No./Code
File Name: PSY-01.dwg						FBR 0704-234
Scale: NONE						13599
		2000 South Holly Street Denver, CO 80222 Phone: 303-757-9295 FAX: 303-757-9963 Region 1	Designer: Detailer: Sheet Subset:	Structure Numbers: Subset Sheets: of 1	Sheet Number PSY-01	



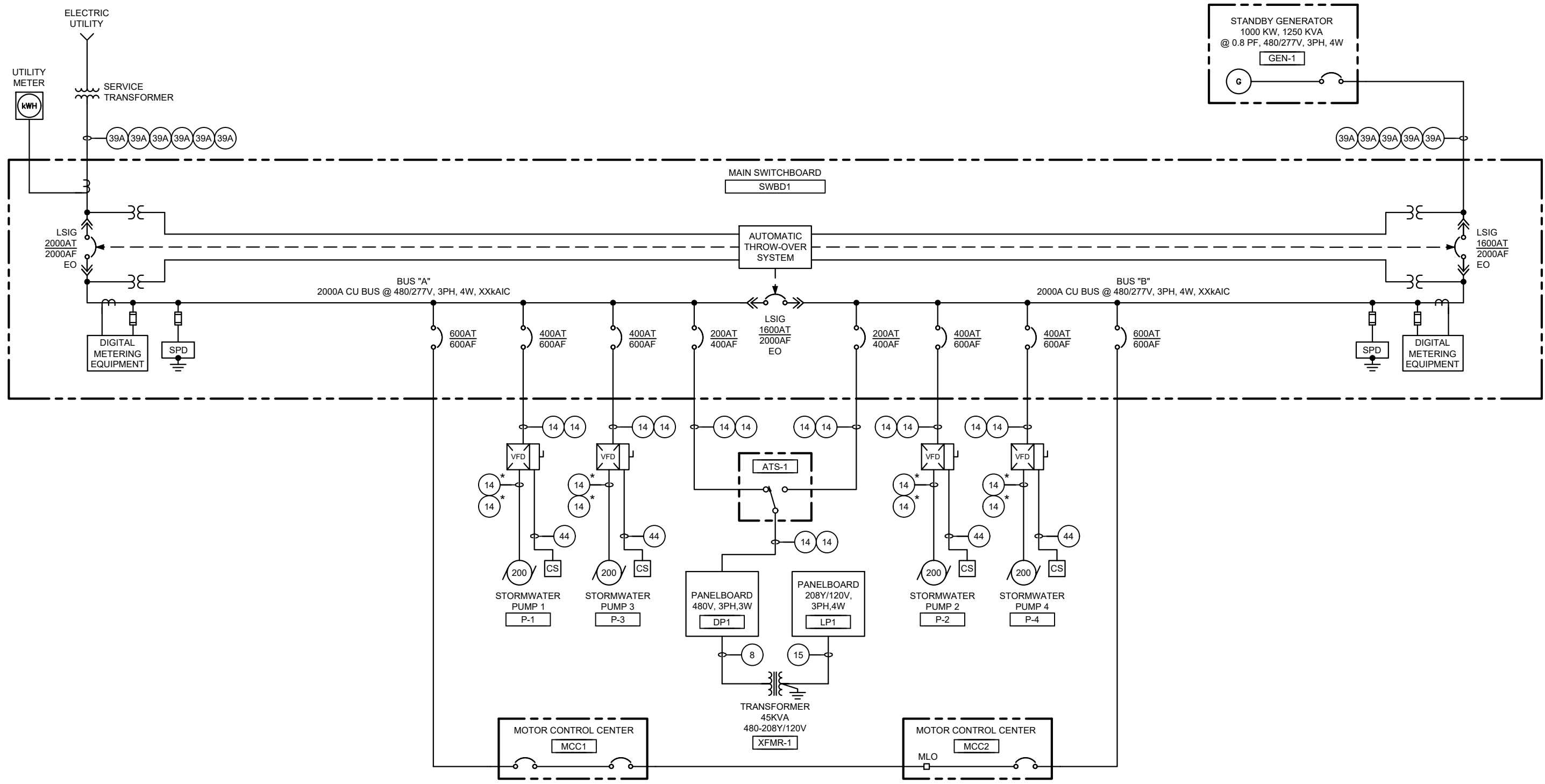
KEY NOTES:

1. GROUNDWATER COLLECTION SUMP IS INCLUDED FOR CLARITY. REFERENCE ONE-LINE DIAGRAMS FOR GROUNDWATER COLLECTION PUMPS. ASSUME LEVEL AND PUMP CONTROLS SIMILAR TO SUBMERSIBLE CHOPPER PUMPS.

STORM WATER PUMP STATION

Print Date: 05/23/17			As Constructed No Revisions: Revised: Void:	I-70 STORMWATER PUMP STATION PROCESS & INSTRUMENTATION DIAGRAM	Project No./Code
File Name: PSY-02.dwg					FBR 0704-234
Scale: NONE					13599
			2000 South Holly Street Denver, CO 80222 Phone: 303-757-9295 FAX: 303-757-9963 Region 1	Designer: Detailer: Sheet Subset:	Structure Numbers: Subset Sheets: of 1 Sheet Number PSY-02

* VFD SHIELDED POWER CABLE



Print Date: 05/23/17
 File Name: GWE-01.dwg
 Scale: NONE

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

 2000 South Holly Street
 Denver, CO 80222
 Phone: 303-757-9295 FAX: 303-757-9963
 Region 1

As Constructed
 No Revisions:
 Revised: rev
 Void:

I-70
 GROUNDWATER TREATMENT FACILITY
 PRIMARY ONE LINE DIAGRAM
 Designer:
 Detailer:
 Sheet Subset:
 Structure Numbers:
 Subset Sheets: of 1

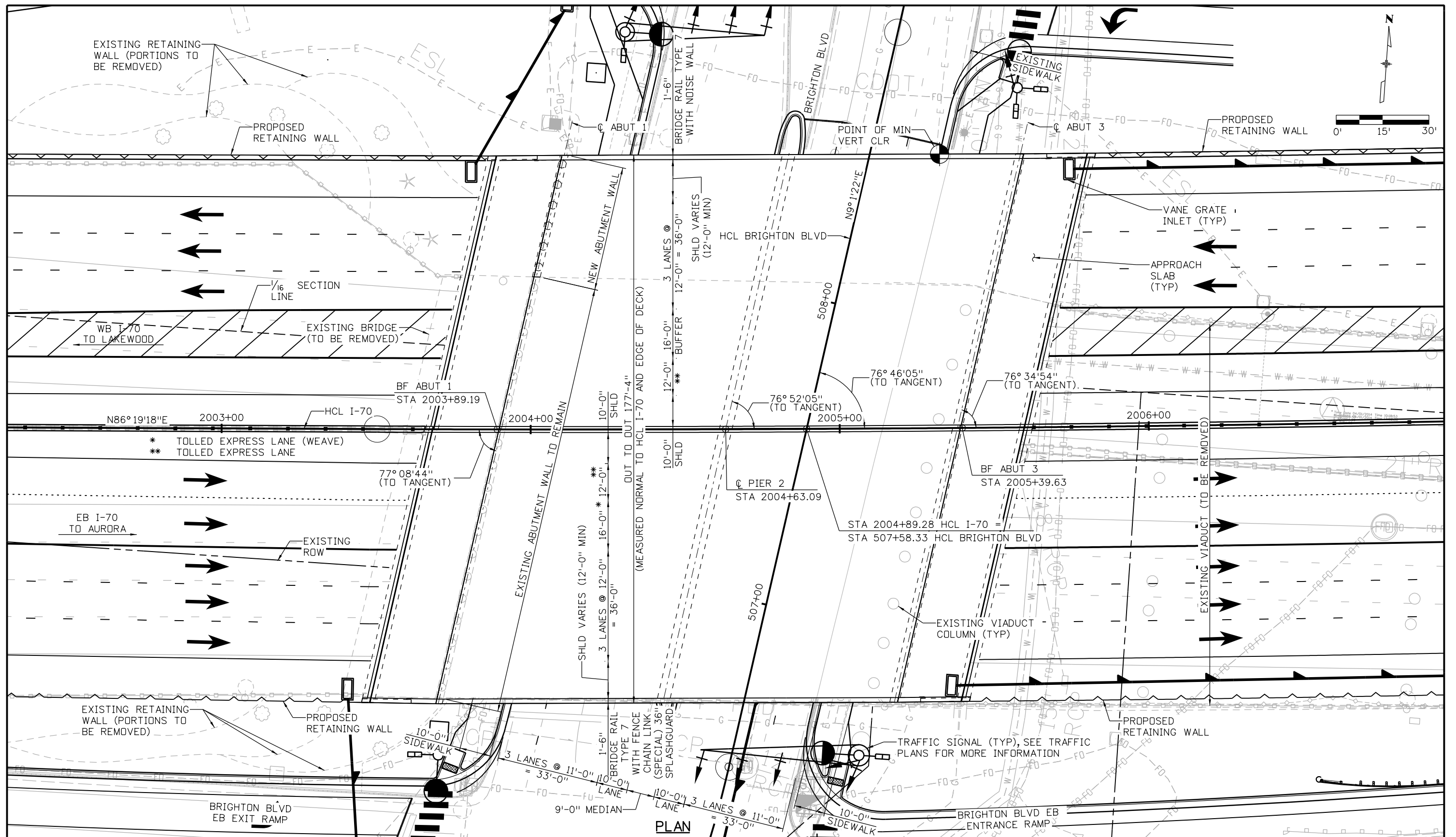
Project No./Code
 FBR 0704-234
 13599
 Sheet Number GWE-01



DRAFT BRIDGE DESIGN DRAWINGS



\\pwwappd\m001\NorthCentral\Omaha\Documents\424981\MKTG\0000083066\6.0_CAD_BIM\6.2_Work\In_Progress\6.2.1 Bridge\CDOT_ProposalDrawings\1 - I-70 WB & EB over Brighton Blvd\Sheets\13599BRD_G_ Brighton_GenLay-1



Print Date: 5/24/2017

File Name: 13599BRD_G_ Brighton_GenLay-1

Scale: 1:30

Staff Bridge Branch - Unit 0226 Unit Leader DDG



0000

Sheet Revisions

Date:	Comments	Init.

Colorado Department of Transportation



2000 South Holly Street
Denver, CO 80222
Phone: 303-757-9295 FAX: 303-757-9963

Region 1

JKE

As Constructed

No Revisions:

Revised:

Void:

I-70 OVER BRIGHTON BLVD
GENERAL LAYOUT
(1 OF 2)

Designer: J LOBO Structure E-17-AEU

Detailer: K KATHRINEBERG Numbers

Sheet Subset: BRIDGE Subset Sheets: B01 of 03

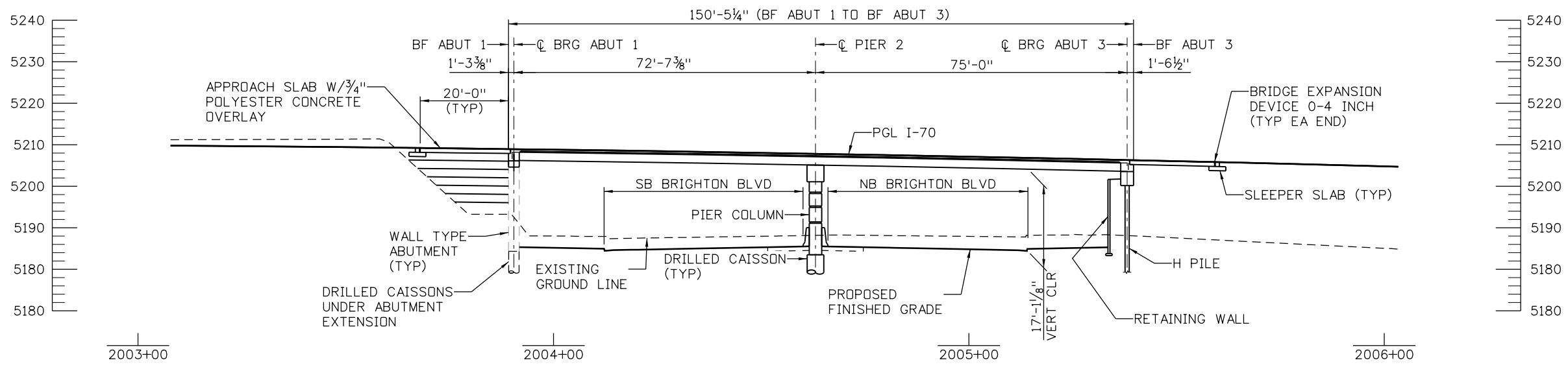
Project No./Code

FBR 0704-234

19631

Sheet Number STR-01

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SECTION
(TAKEN ALONG HCL I-70)

Design		Detail		Quantities	
Designed By	Checked By	INITIAL	DATE	INITIAL	DATE

Print Date: 5/24/2017

File Name: 13599BRDG_Brighton_GenLay-2

Scale: 1:30

Staff Bridge Branch - Unit 0226 Unit Leader DDG

5280 Connectors
Linking I-70 Communities

0000

Sheet Revisions

Date:	Comments	Init.

Colorado Department of Transportation



2000 South Holly Street
Denver, CO 80222
Phone: 303-757-9295 FAX: 303-757-9963

Region 1

JKE

As Constructed

No Revisions:

Revised:

Void:

I-70 OVER BRIGHTON BLVD
GENERAL LAYOUT
(2 OF 2)

Designer: J LOBO	Structure Numbers	E-17-AEU
Detailer: KATHRINEBERG		
Sheet Subset: BRIDGE	Subset Sheets: B02 of 03	

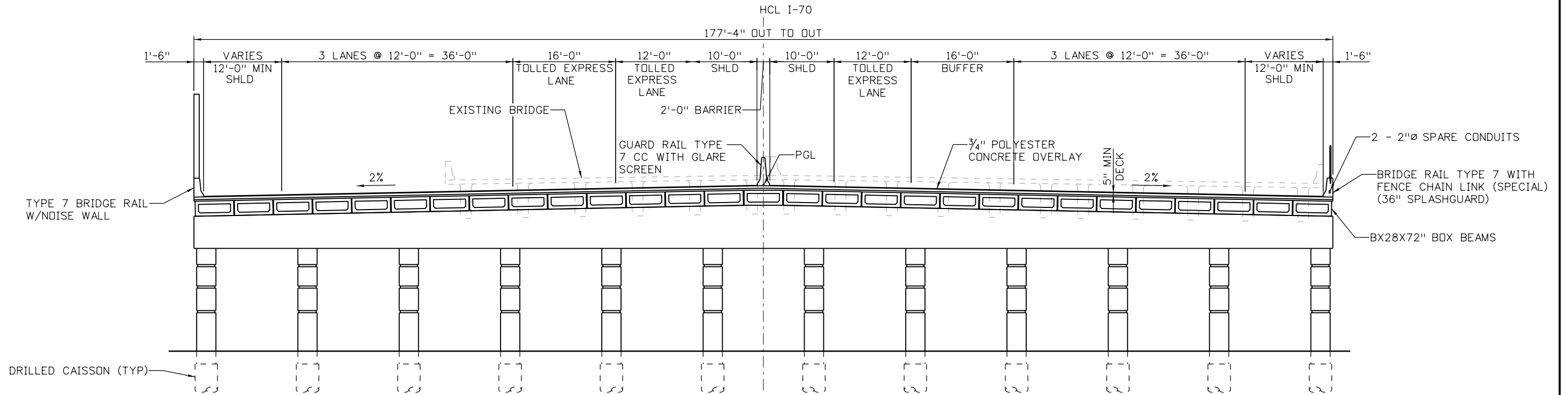
Project No./Code

FBR 0704-234

19631

Sheet Number STR-02

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TYPICAL SECTION
(LOOKING AHEAD STATION)

Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE

Print Date: 5/24/2017
 File Name: 13599BRDG_Brighton_TypSec
 Scale: 1:1
 Staff Bridge Branch - Unit 0226 Unit Leader DDG

5280 Connectors
Linking I-70 Communities

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

Region 1

2000 South Holly Street
 Denver, CO 80222
 Phone: 303-757-9295 FAX: 303-757-9963

JKE

As Constructed
No Revisions:
Revised:
Void:

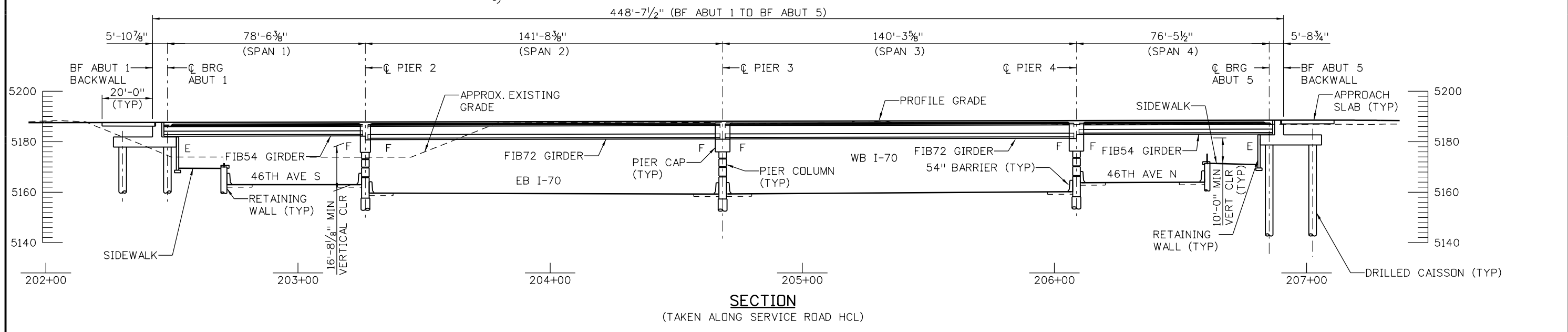
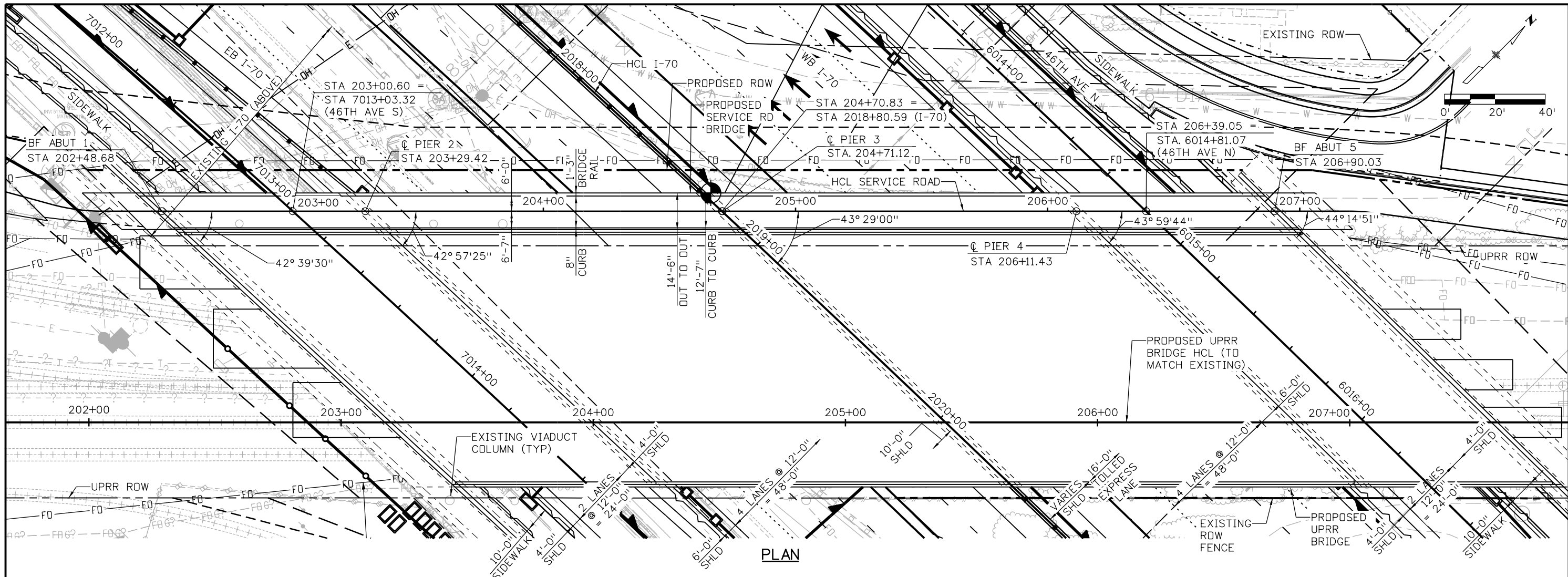
**I-70 OVER BRIGHTON BLVD
TYPICAL SECTION**

Designer: J LOBO
 Detailer: K KATHRINEBERG
 Sheet Subset: BRIDGE

Structure Numbers: E-17-AEU
 Subset Sheets: B03 of 03

Project No./Code
FBR 0704-234
19631
Sheet Number STR-03

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Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE

Print Date: 5/24/2017
 File Name: 13599BRDGE_ServiceRd_GenLay_Rev02
 Scale: 1:40
 Staff Bridge Branch - Unit 0226 Unit Leader DDG

5280 Connectors
 Linking I-70 Communities

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

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2000 South Holly Street
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Region 1 **JKE**

As Constructed
No Revisions:
Revised:
Void:

SERVICE ROAD OVER I-70 GENERAL LAYOUT

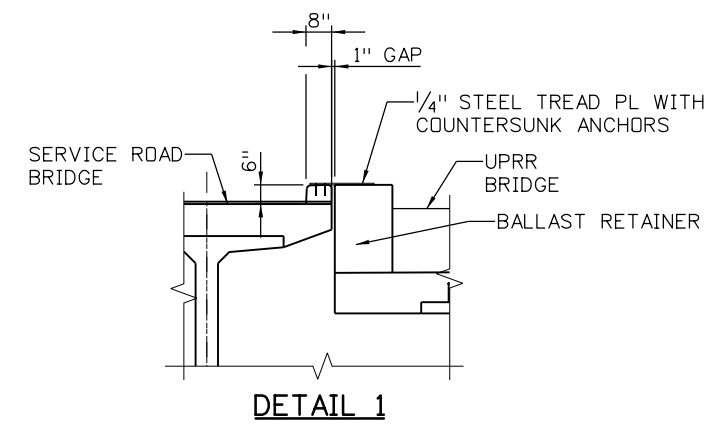
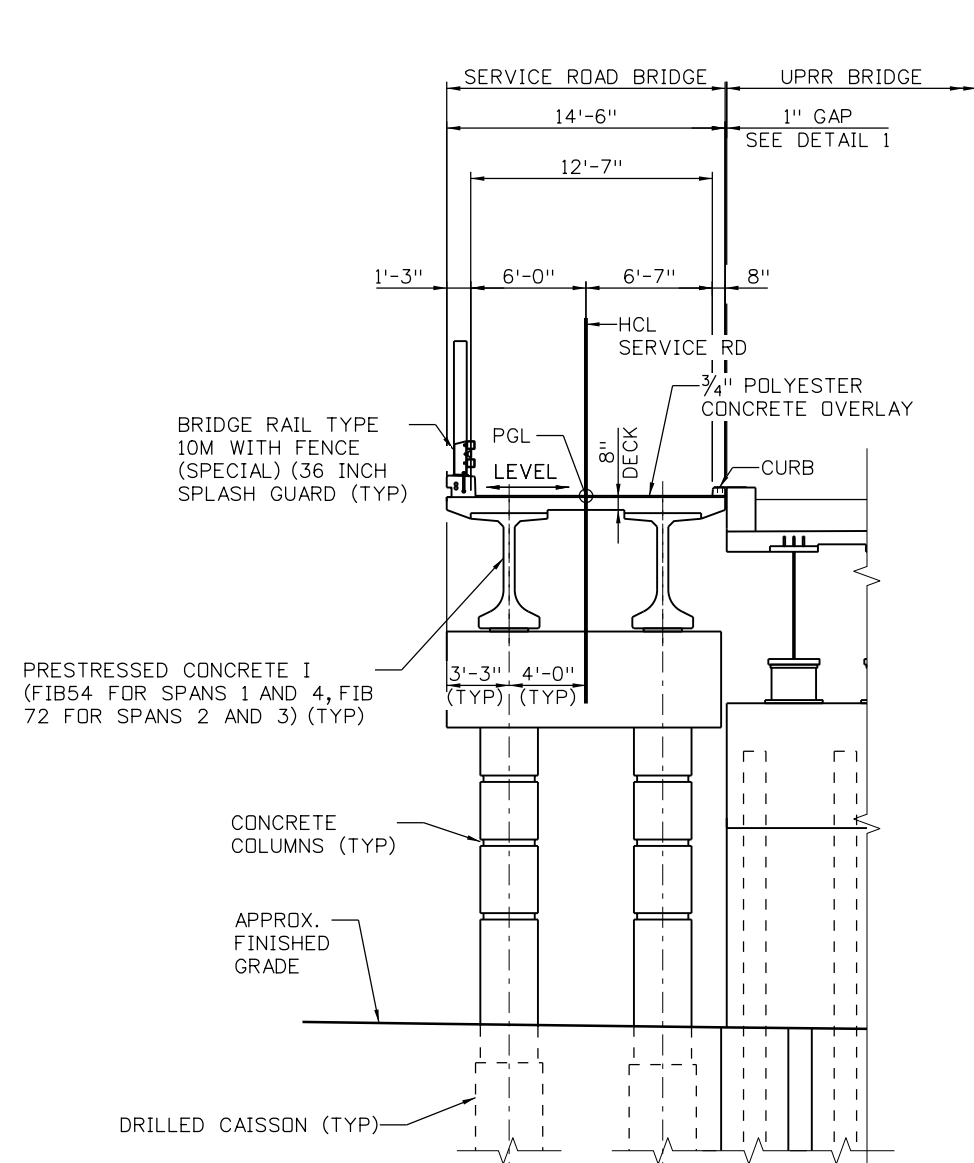
Designer: J LOBO
 Detailer: K KATHRINEBERG
 Sheet Subset: BRIDGE

Structure Numbers: E-17-AEX
 Subset Sheets: B01 of 02

Project No./Code
FBR 0704-234
19631
Sheet Number STR-04

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Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE



TYPICAL SECTION
(LOOKING AHEAD)

Print Date: 5/24/2017
 File Name: 13599BRDGE_ServiceRd_TypSec
 Scale: 1:1
 Staff Bridge Branch - Unit 0226 Unit Leader DDG

5280 Connectors
Linking I-70 Communities

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

2000 South Holly Street
 Denver, CO 80222
 Phone: 303-757-9295 FAX: 303-757-9963

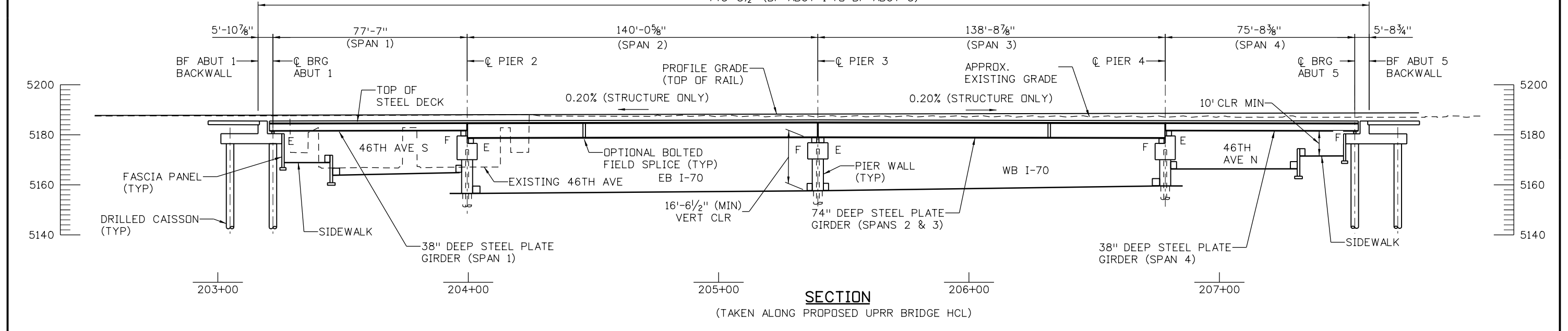
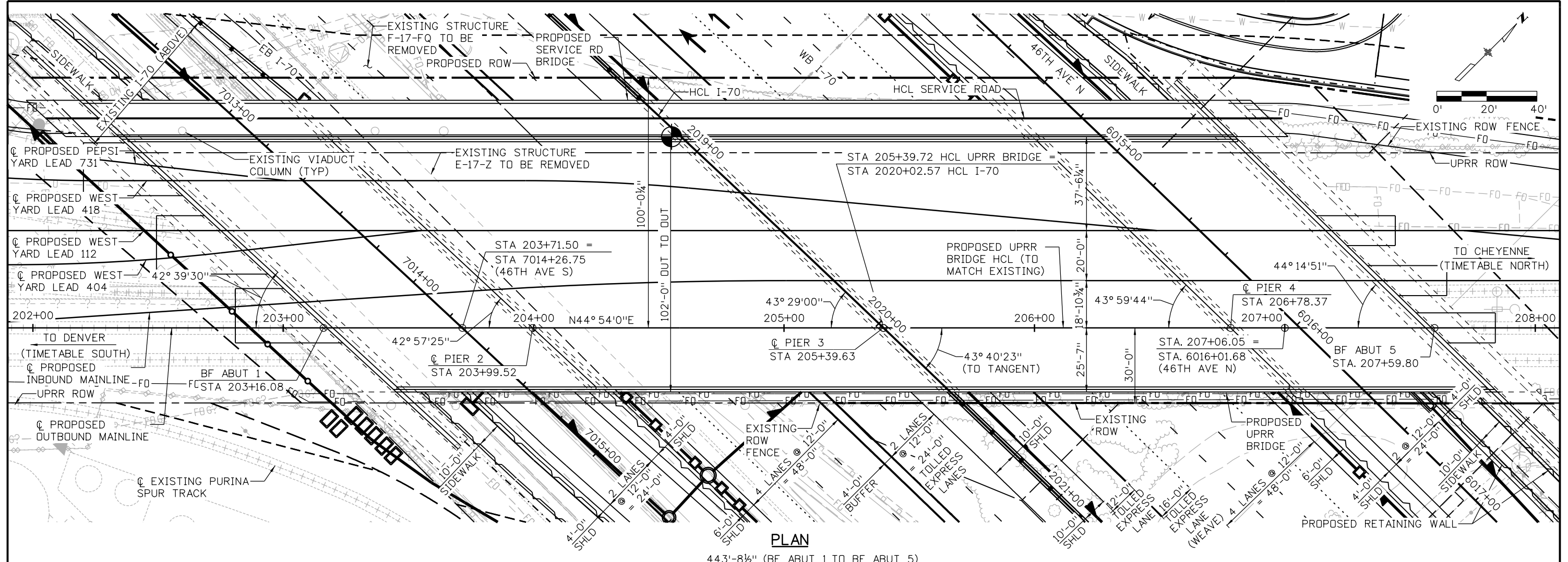
Region 1 JKE

As Constructed
No Revisions:
Revised:
Void:

SERVICE ROAD OVER I-70 TYPICAL SECTION			
Designer:	J LOBO	Structure Numbers	E-17-AEX
Detailer:	K KATHRINEBERG	Subset Sheets:	B02 of 02
Sheet Subset:	BRIDGE		

Project No./Code
FBR 0704-234
19631
Sheet Number STR-05

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Scale: 1:40	Staff Bridge Branch - Unit 0226 Unit Leader DDG

Sheet Revisions		
Date:	Comments	Init.

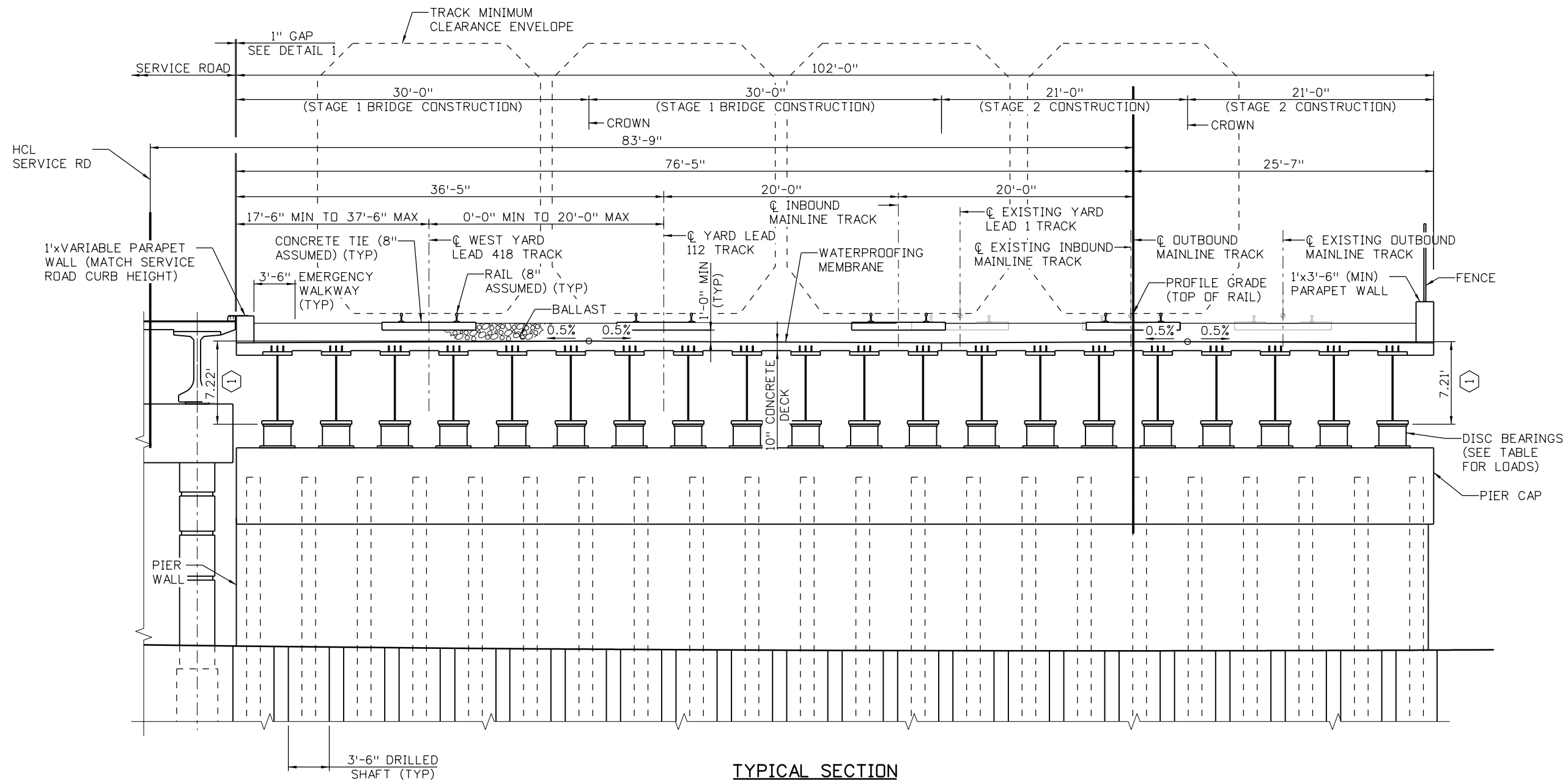
Colorado Department of Transportation
 2000 South Holly Street
 Denver, CO 80222
 Phone: 303-757-9295 FAX: 303-757-9963
 Region 1

As Constructed
No Revisions:
Revised:
Void:

UPRR OVER I-70 GENERAL LAYOUT			
Designer:	J LOBO	Structure Numbers	E-17-AEX
Detailer:	K KATHRINEBERG	Sheet Subset:	BRIDGE
Subset Sheets:	B01 of 02		

Project No./Code	FBR 0704-234
	19631
Sheet Number	STR-06

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TYPICAL SECTION
 (LOOKING AHEAD STATION)
 ALLOWANCE FOR 6 TRACKS WITH MIN SPACING = 15'-0"

NOTES:

- PIER WALL SHALL BE CONSTRUCTED BEFORE ANY HIGHWAY TRAFFIC IS PERMITTED ADJACENT TO THE COLUMNS. THE COLUMNS SHALL BE PROTECTED AGAINST VEHICLE COLLISION UNTIL THE PIER WALL IS COMPLETED.
- ASSUME HIGH-STRENGTH TYPE 3 BOLTS FOR ALL BOLTED CONNECTIONS.

KEYNOTES:

- ① LOW CHORD BELOW CROWN OF DECK

Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE

Print Date: 5/24/2017
 File Name: 13599BRDGE_UPRR_TypSec Rev03
 Scale: 1:1
 Staff Bridge Branch - Unit 0226 Unit Leader DDG

5280 Connectors
 Linking I-70 Communities

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

 2000 South Holly Street
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Region 1

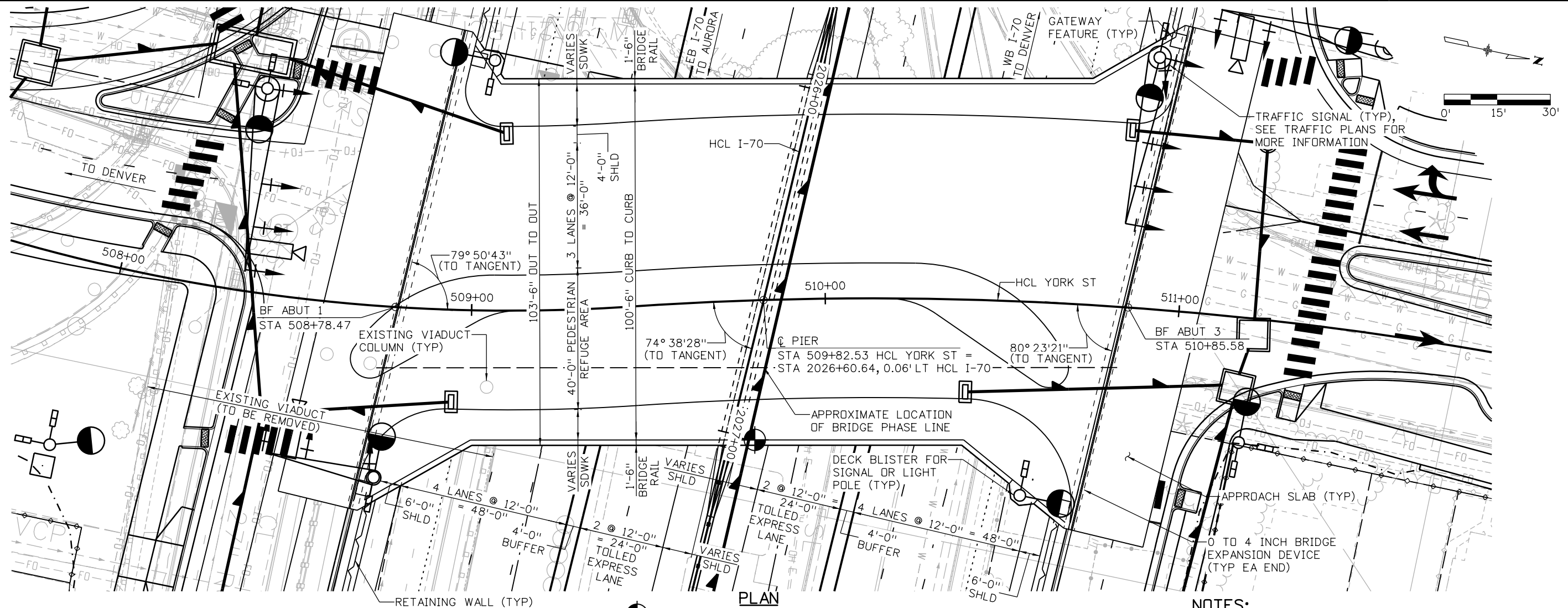
As Constructed
No Revisions:
Revised:
Void:

UPRR OVER I-70 TYPICAL SECTION			
Designer:	J LOBO	Structure Numbers	E-17-AEX
Detailer:	K. KATHRINEBERG	Subset Sheets:	B02 of 02

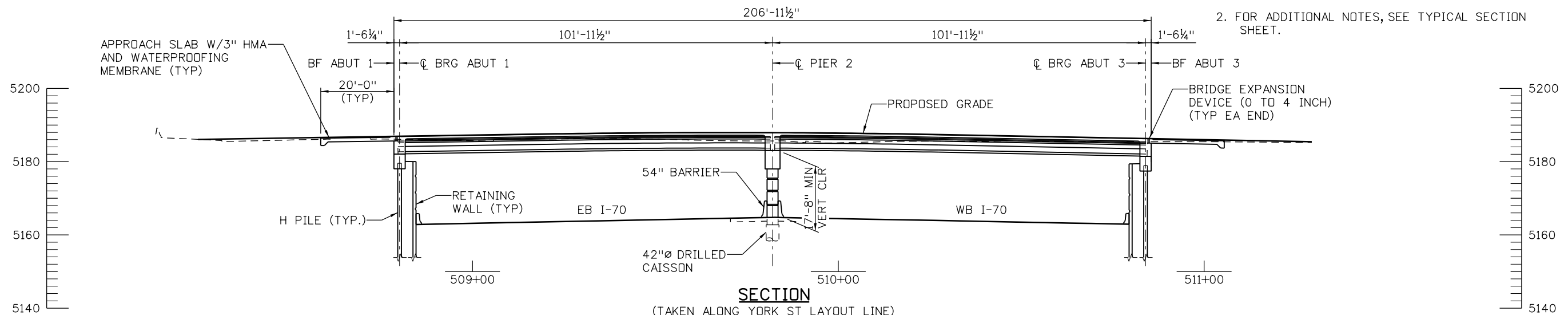
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FBR 0704-234
19631
Sheet Number STR-07

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Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE



- NOTES:**
- FOR ADDITIONAL HORIZONTAL AND VERTICAL GEOMETRY, SEE ROADWAY PLANS.
 - FOR ADDITIONAL NOTES, SEE TYPICAL SECTION SHEET.



Print Date: 5/24/2017

File Name: 13599BRDG_YorkSt_GenLay

Scale: 1:30

Staff Bridge Branch - Unit 0226 Unit Leader DDG



Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

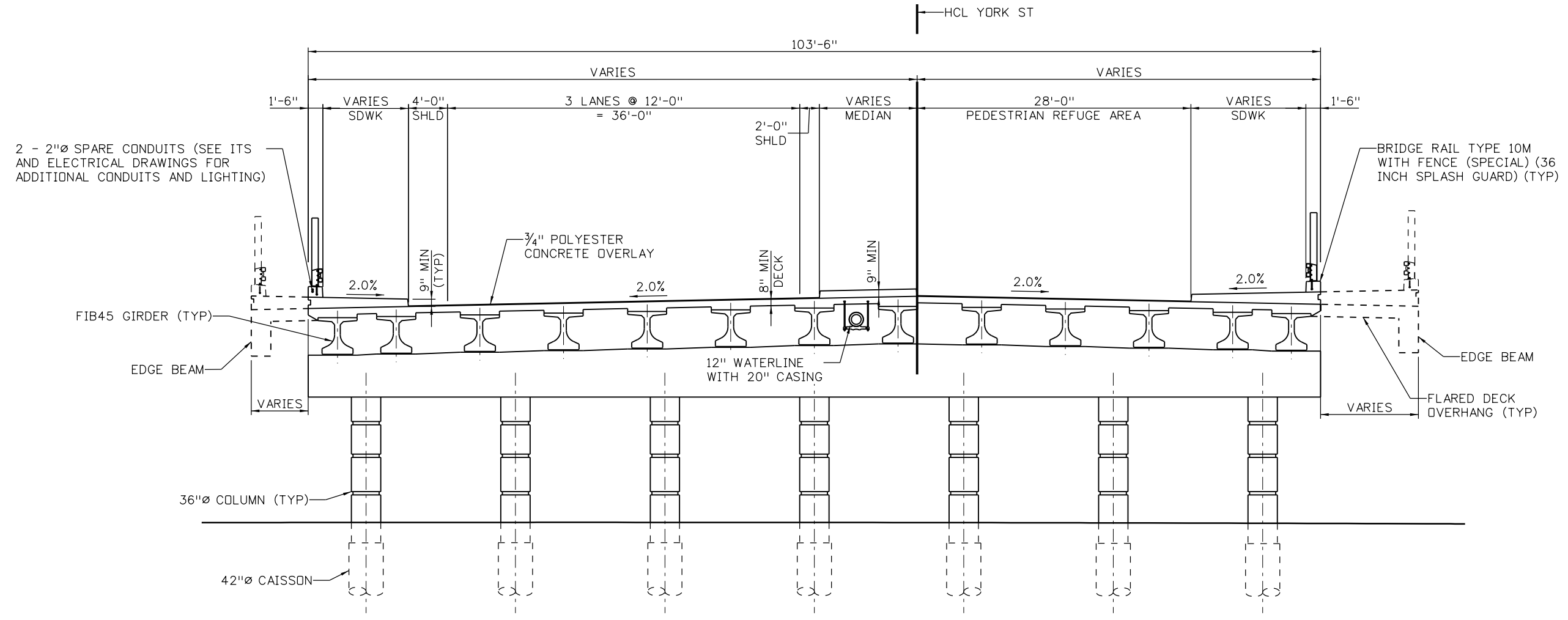
 2000 South Holly Street
 Denver, CO 80222
 Phone: 303-757-9295 FAX: 303-757-9963
Region 1

As Constructed
No Revisions:
Revised:
Void:

YORK ST OVER I-70 GENERAL LAYOUT			
Designer:	J LOBO	Structure Numbers	E-17-AEY
Detailer:	K KATHRINEBERG	Sheet Subset:	BRIDGE
Subset Sheets:	B01 of 02		

Project No./Code
FBR 0704-234
19631
Sheet Number STR-08

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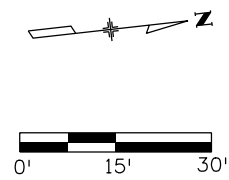
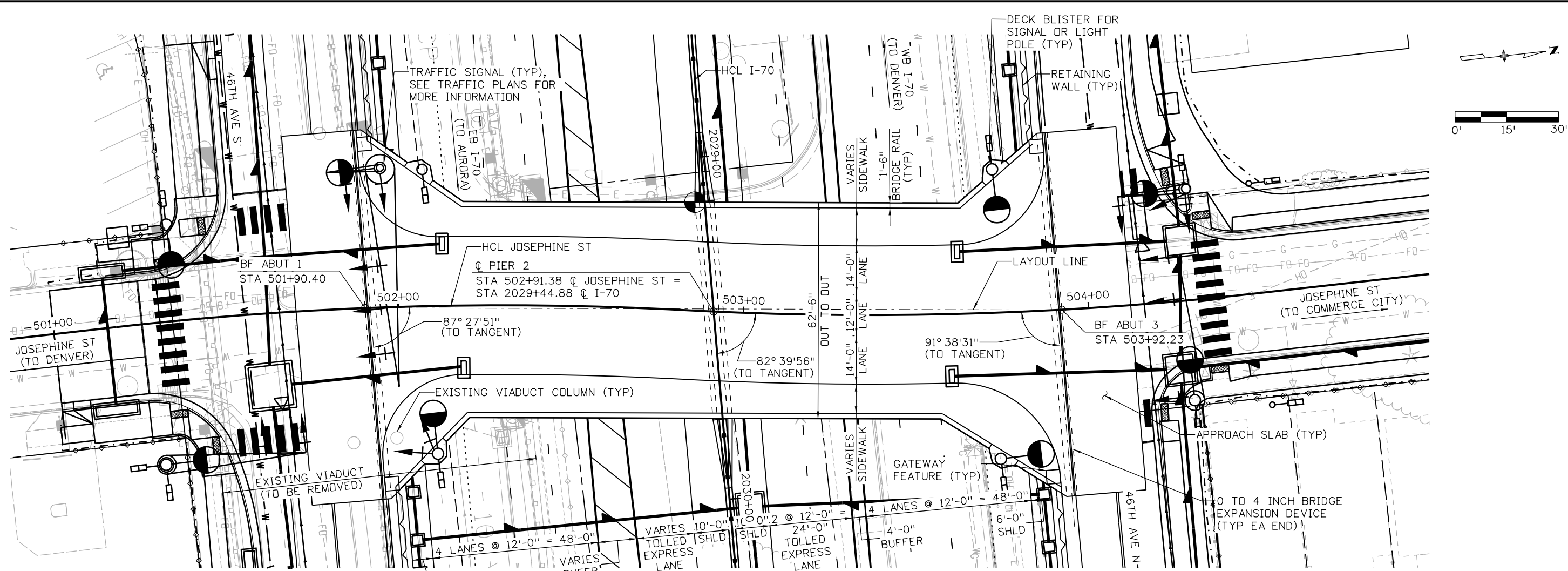
TYPICAL SECTION
 (LOOKING AHEAD STATION)
 (ALL MEASUREMENTS ARE PERPENDICULAR TO LAYOUT LINE)

Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE

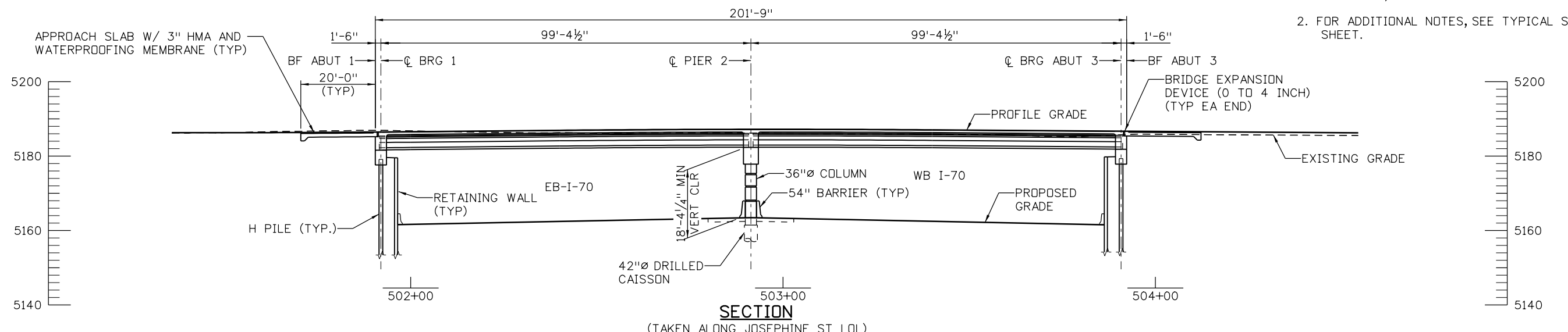
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Scale: 1:1								Revised:					Structure Numbers		19631	
Staff Bridge Branch - Unit 0226 Unit Leader DDG								Void:					Subset Sheets: B02 of 02		Sheet Number STR-09	



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- NOTES:**
- FOR ADDITIONAL HORIZONTAL AND VERTICAL GEOMETRY, SEE ROADWAY PLANS.
 - FOR ADDITIONAL NOTES, SEE TYPICAL SECTION SHEET.

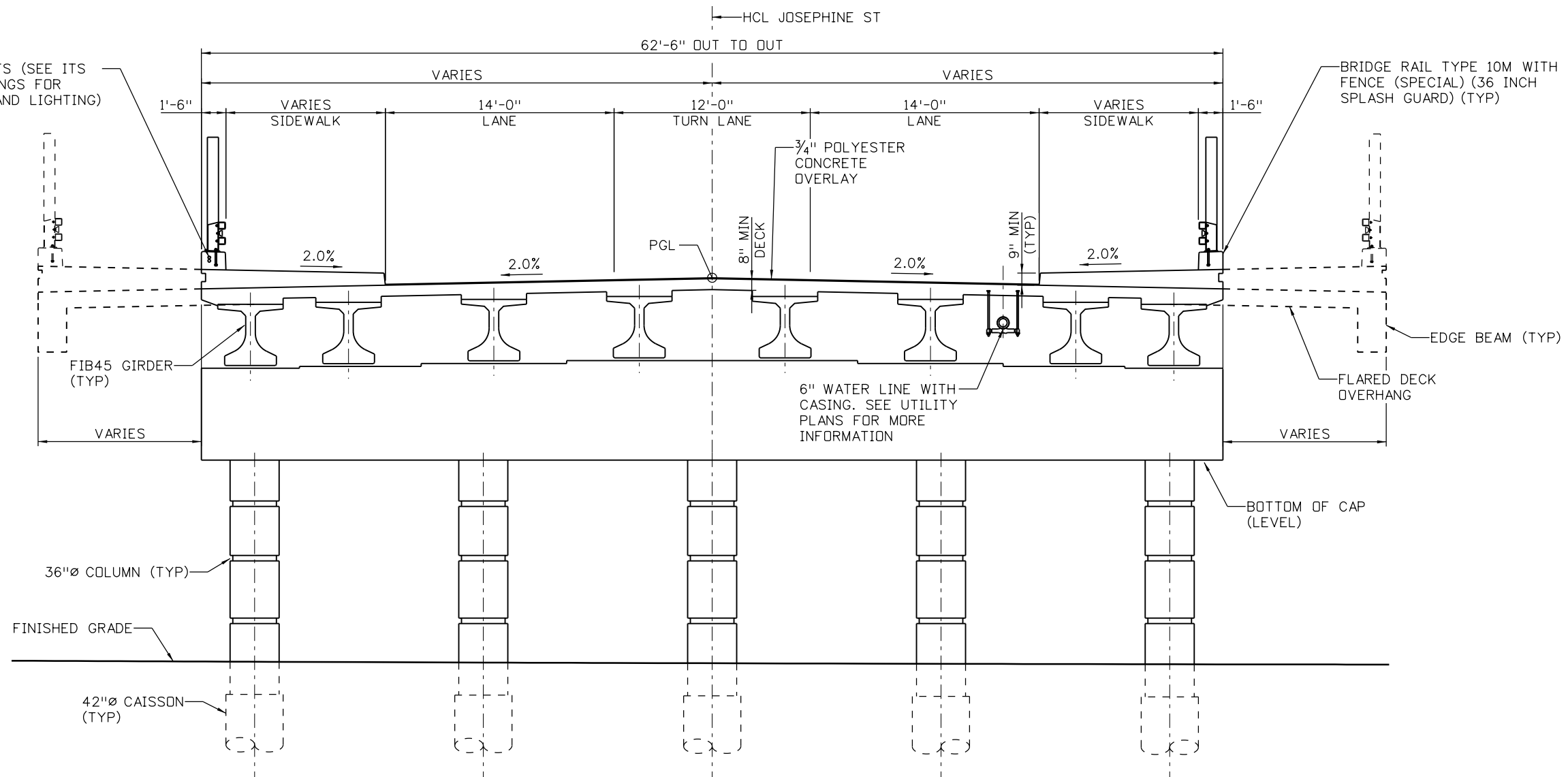


Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE

Print Date: 5/24/2017	Sheet Revisions			Colorado Department of Transportation		As Constructed		JOSEPHINE ST OVER I-70 GENERAL LAYOUT		Project No./Code		
File Name: 13599BRDG_JosephineSt_GenLay	Date:	Comments	Init.	2000 South Holly Street Denver, CO 80222 Phone: 303-757-9295 FAX: 303-757-9963 Region 1		No Revisions:		Designer: J LOBO Detailer: K KATHRINEBERG Sheet Subset: BRIDGE		FBR 0704-234		
Scale: 1:30						Revised:				Structure Numbers		19631
Staff Bridge Branch - Unit 0226 Unit Leader DDG						Void:				Subset Sheets: B01 of 02		Sheet Number STR-10

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2 - 2"Ø SPARE CONDUITS (SEE ITS AND ELECTRICAL DRAWINGS FOR ADDITIONAL CONDUITS AND LIGHTING)

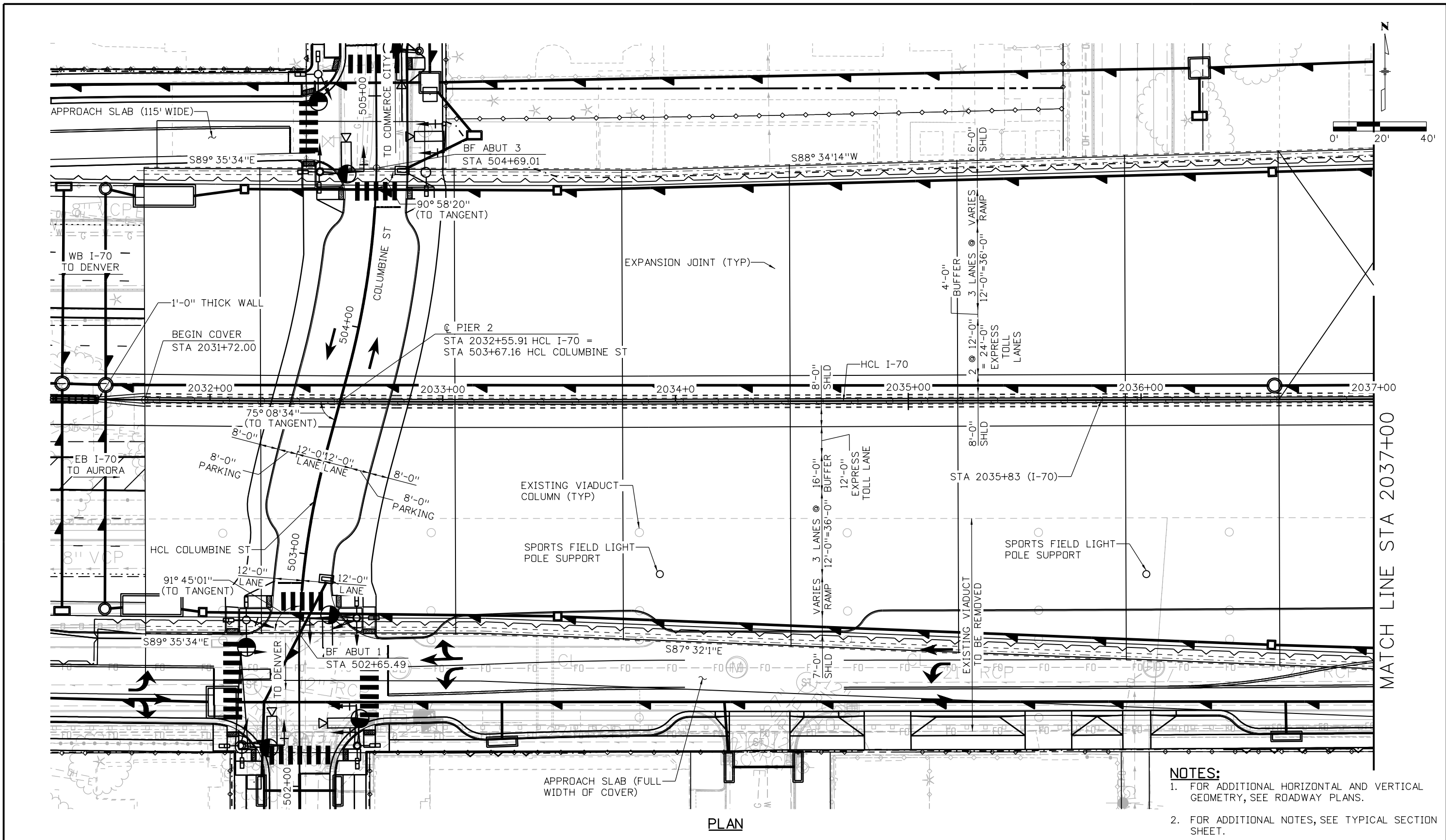


TYPICAL SECTION
 (LOOKING AHEAD STATION)
 (ALL MEASUREMENTS ARE PERPENDICULAR TO LOL)

Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE

Print Date: 5/24/2017	Sheet Revisions			<p>Colorado Department of Transportation 2000 South Holly Street Denver, CO 80222 Phone: 303-757-9295 FAX: 303-757-9963</p>	As Constructed		JOSEPHINE ST OVER I-70 TYPICAL SECTION		Project No./Code	
File Name: 13599BRDG_JosephineSt_TypSec	Date:	Comments:	Init.		No Revisions:	Designer: J LOBO		Structure	FBR 0704-234	
Scale: 1:1				<p>Region 1 JKE</p>	Revised:	Detailer: K KATHRINEBERG		Numbers	19631	
Staff Bridge Branch - Unit 0226 Unit Leader DDG					Void:	Sheet Subset: BRIDGE		Subset Sheets: B02 of 02	Sheet Number STR-11	





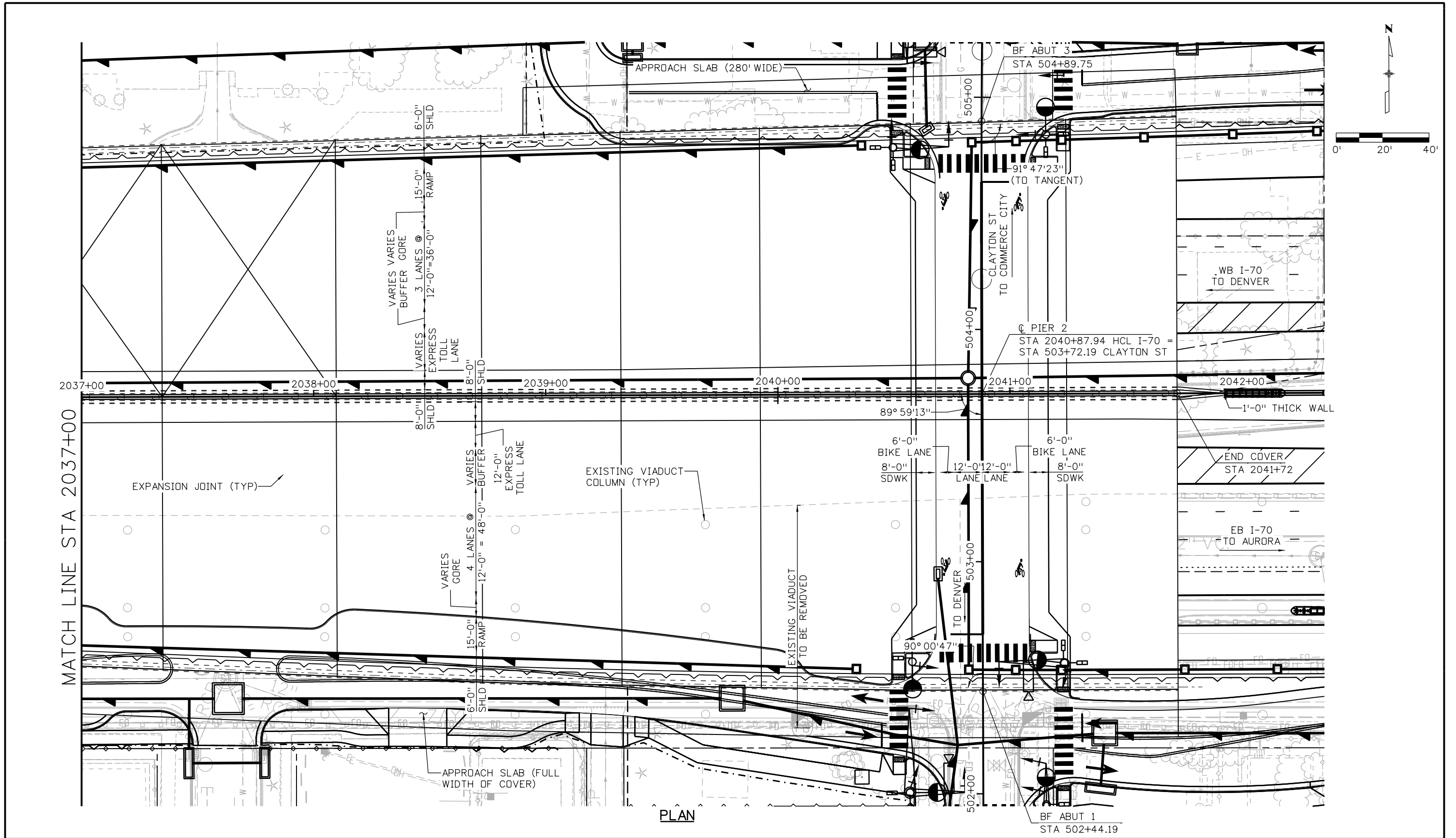
MATCH LINE STA 2037+00

- NOTES:**
- FOR ADDITIONAL HORIZONTAL AND VERTICAL GEOMETRY, SEE ROADWAY PLANS.
 - FOR ADDITIONAL NOTES, SEE TYPICAL SECTION SHEET.

Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE

Print Date: 5/24/2017		Sheet Revisions			Colorado Department of Transportation		As Constructed		I-70 PARTIAL COVER STRUCTURE GENERAL LAYOUT (1 OF 2)		Project No./Code	
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Scale: 1:40												
Staff Bridge Branch - Unit 0226 Unit Leader DDG												
5280 Connectors Linking I-70 Communities							Void:		Sheet Subset: BRIDGE		Subset Sheets: B01 of 04	
Sheet Number STR-12												

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Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE

Print Date: 5/24/2017
 File Name: 13599BRDG_ I70LID_GenLay02.dgn
 Scale: 1:40
 Staff Bridge Branch - Unit 0226 Unit Leader DDG

5280 Connectors
 Linking I-70 Communities

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

2000 South Holly Street
 Denver, CO 80222
 Phone: 303-757-9295 FAX: 303-757-9963

Region 1 JKE

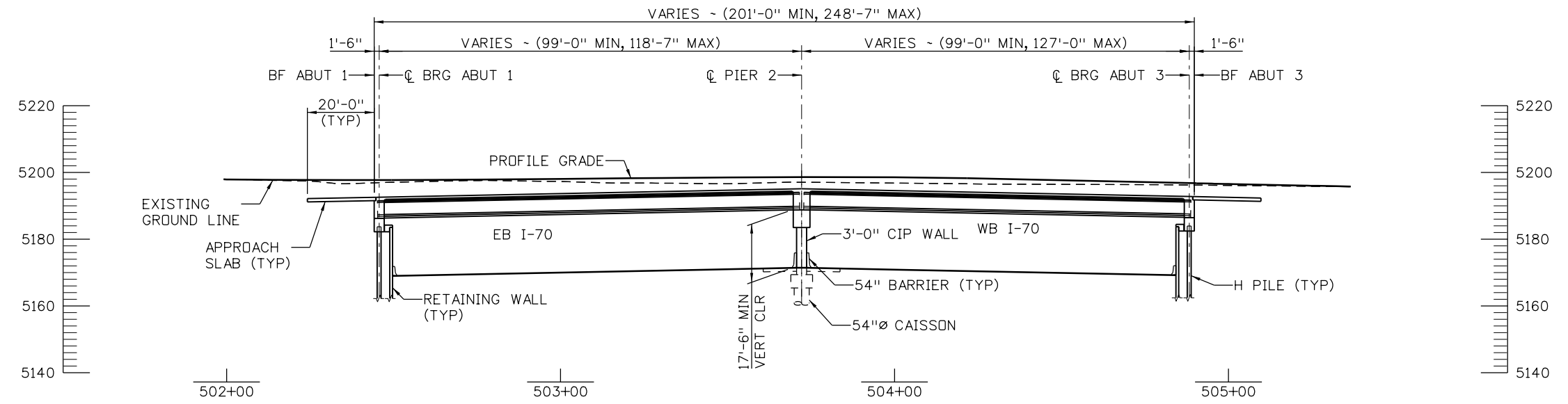
As Constructed
No Revisions:
Revised:
Void:

**I-70 PARTIAL COVER STRUCTURE
 GENERAL LAYOUT (2 OF 2)**

Designer:	P. BOTT	Structure Numbers	E-17-AEL
Detailer:	K. KATHRINEBERG	Subset Sheets:	B02 of 04

Project No./Code
FBR 0704-234
19631
Sheet Number STR-13

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SECTION

Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE

Print Date: 5/24/2017
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 Staff Bridge Branch - Unit 0226 Unit Leader DDG

5280 Connectors
 Linking I-70 Communities

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation



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 Phone: 303-757-9295 FAX: 303-757-9963

Region 1 JKE

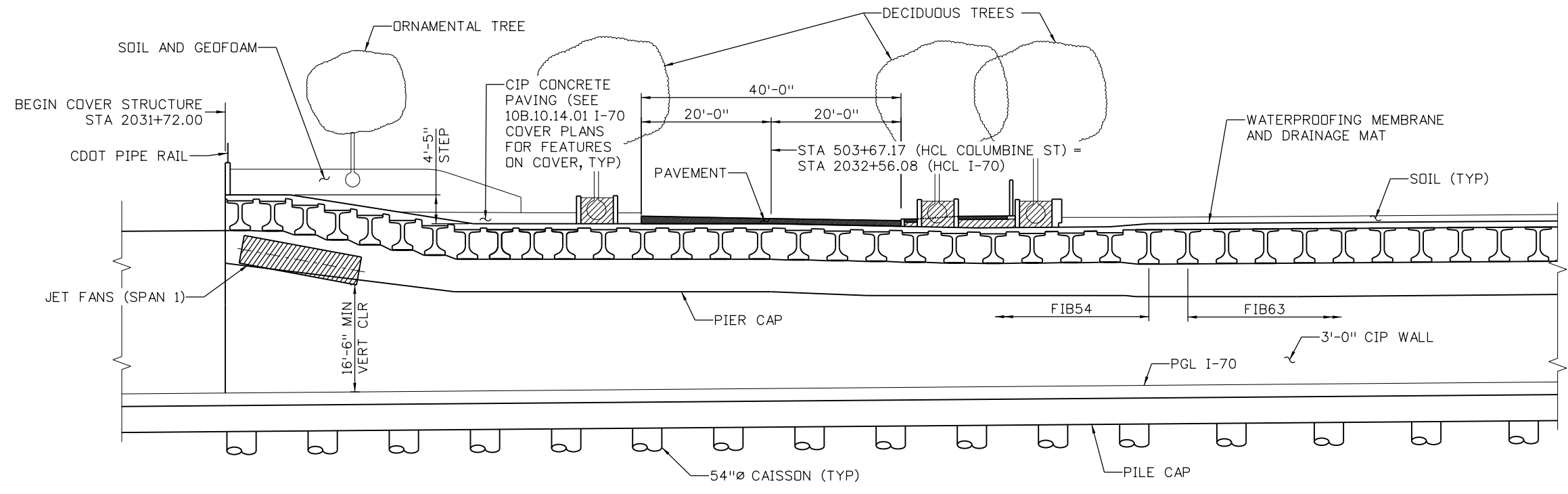
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No Revisions:
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I-70 PARTIAL COVER STRUCTURE SECTION

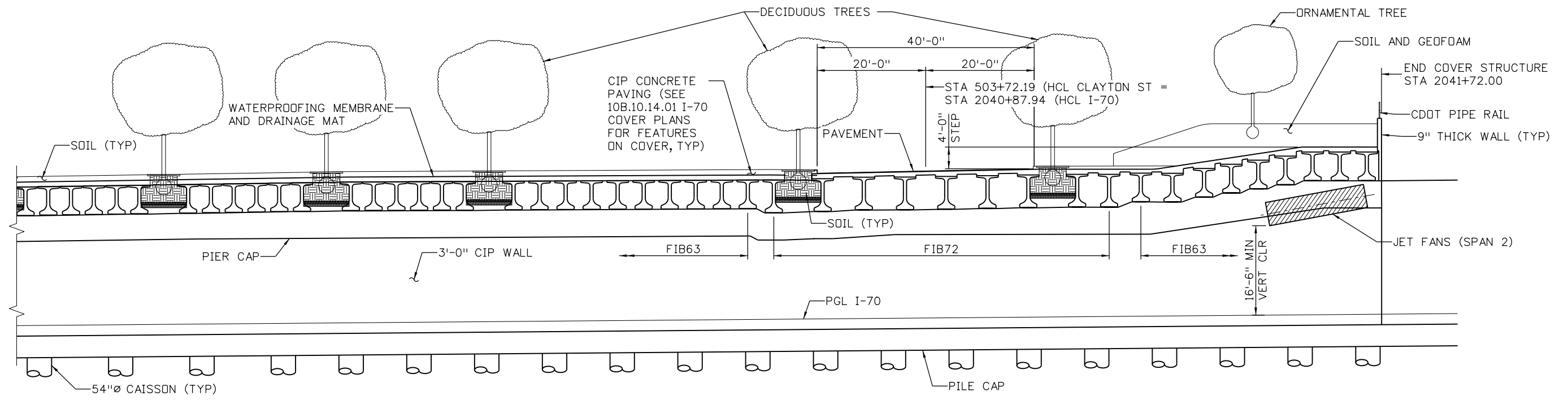
Designer: P. BOTT	Structure Numbers: E-17-AEL
Detailer: K. KATHRINEBERG	
Sheet Subset: BRIDGE	Subset Sheets: B03 of 04

Project No./Code
FBR 0704-234
19631
Sheet Number STR-14

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TYPICAL SECTION
(EAST PORTAL)



TYPICAL SECTION
(WEST PORTAL)

Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE

Print Date: 5/24/2017
 File Name: 13599BRDG_I70LID_TypSec.dgn
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 Staff Bridge Branch - Unit 0226 Unit Leader DDG
5280 Connectors
 Linking I-70 Communities

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

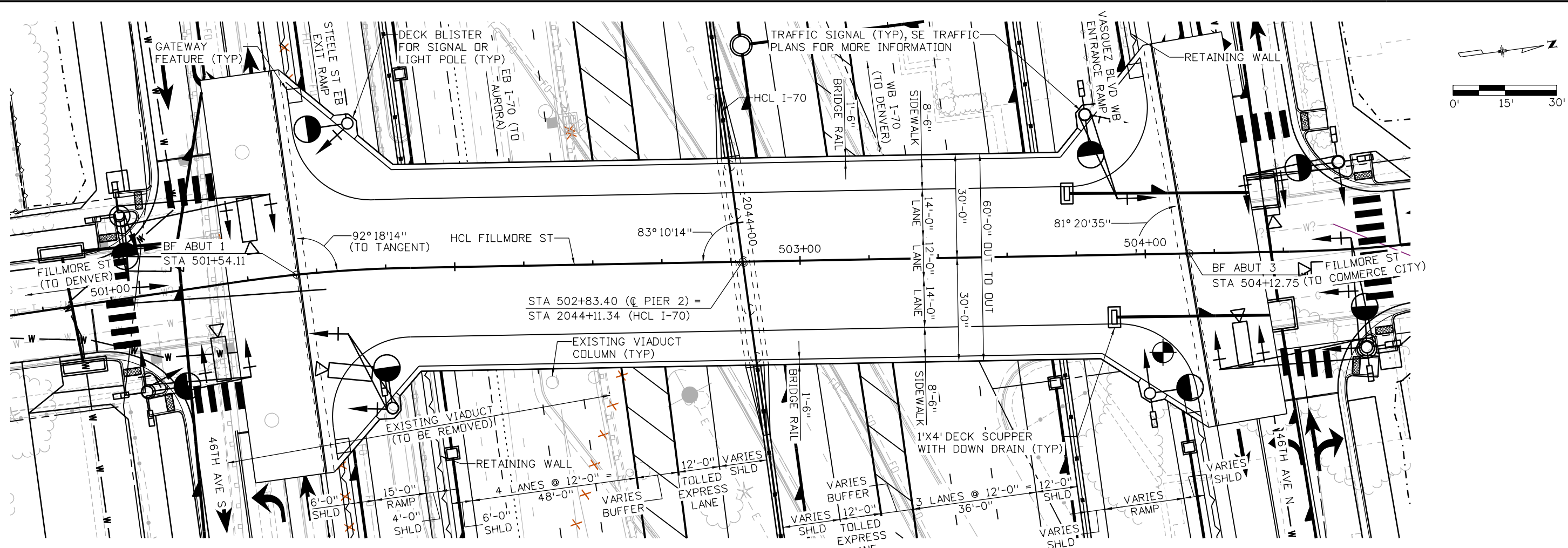
 2000 South Holly Street
 Denver, CO 80222
 Phone: 303-757-9295 FAX: 303-757-9963
Region 1 **JKE**

As Constructed
No Revisions:
Revised:
Void:

I-70 PARTIAL COVER STRUCTURE TYPICAL SECTION
 Designer: P. BOTT
 Detailer: K. KATHRINEBERG
 Sheet Subset: BRIDGE
 Structure Numbers: E-17-AEL
 Subset Sheets: B04 of 04

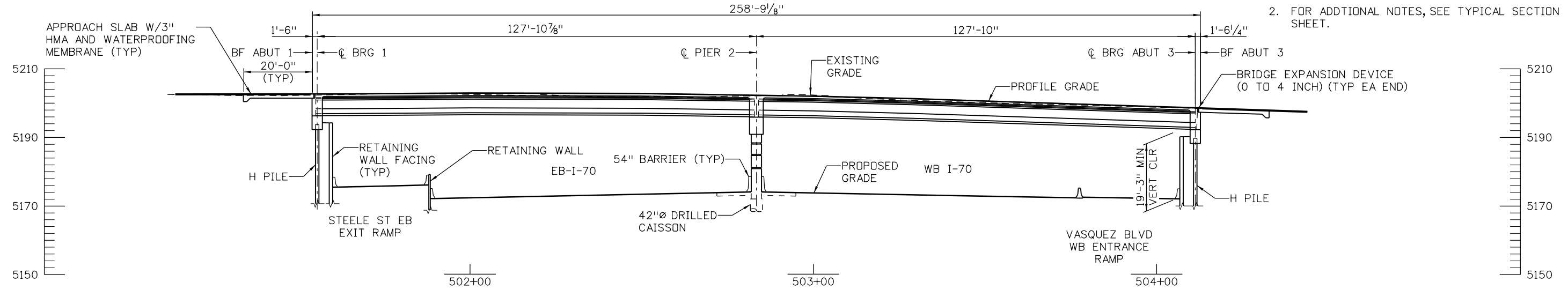
Project No./Code
FBR 0704-234
19631
Sheet Number STR-15

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PLAN
(INDICATES LOCATION OF MINIMUM VERTICAL CLEARANCE)

- NOTES:**
- FOR ADDITIONAL HORIZONTAL AND VERTICAL GEOMETRY, SEE ROADWAY PLANS.
 - FOR ADDITIONAL NOTES, SEE TYPICAL SECTION SHEET.



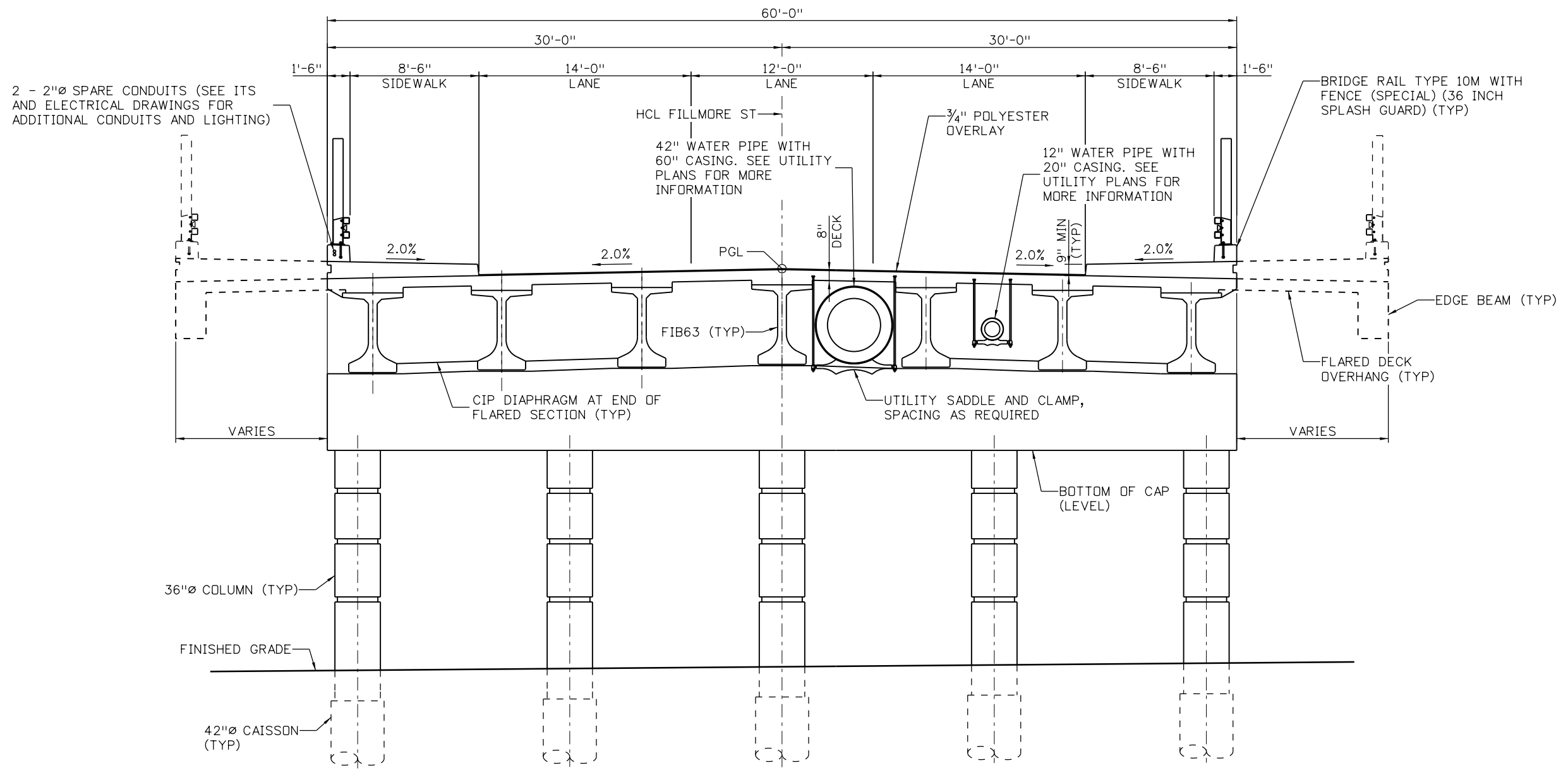
SECTION
(TAKEN ALONG FILLMORE ST HCL)

Print Date: 5/24/2017	Sheet Revisions			Colorado Department of Transportation		As Constructed		FILLMORE ST OVER I-70 GENERAL LAYOUT		Project No./Code			
File Name: 13599BRDG_FillmoreSt_GenLay	Date:	Comments	Init.	2000 South Holly Street Denver, CO 80222 Phone: 303-757-9295 FAX: 303-757-9963 Region 1		No Revisions:		Designer: J LOBO Detailer: K. KATHRINEBERG Sheet Subset: BRIDGE		FBR 0704-234			
Scale: 1:30						Revised:				Structure Numbers		19631	
Staff Bridge Branch - Unit 0226 Unit Leader DDG						Void:				Subset Sheets: B01 of 02		Sheet Number STR-16	



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Design		Detail		Quantities	
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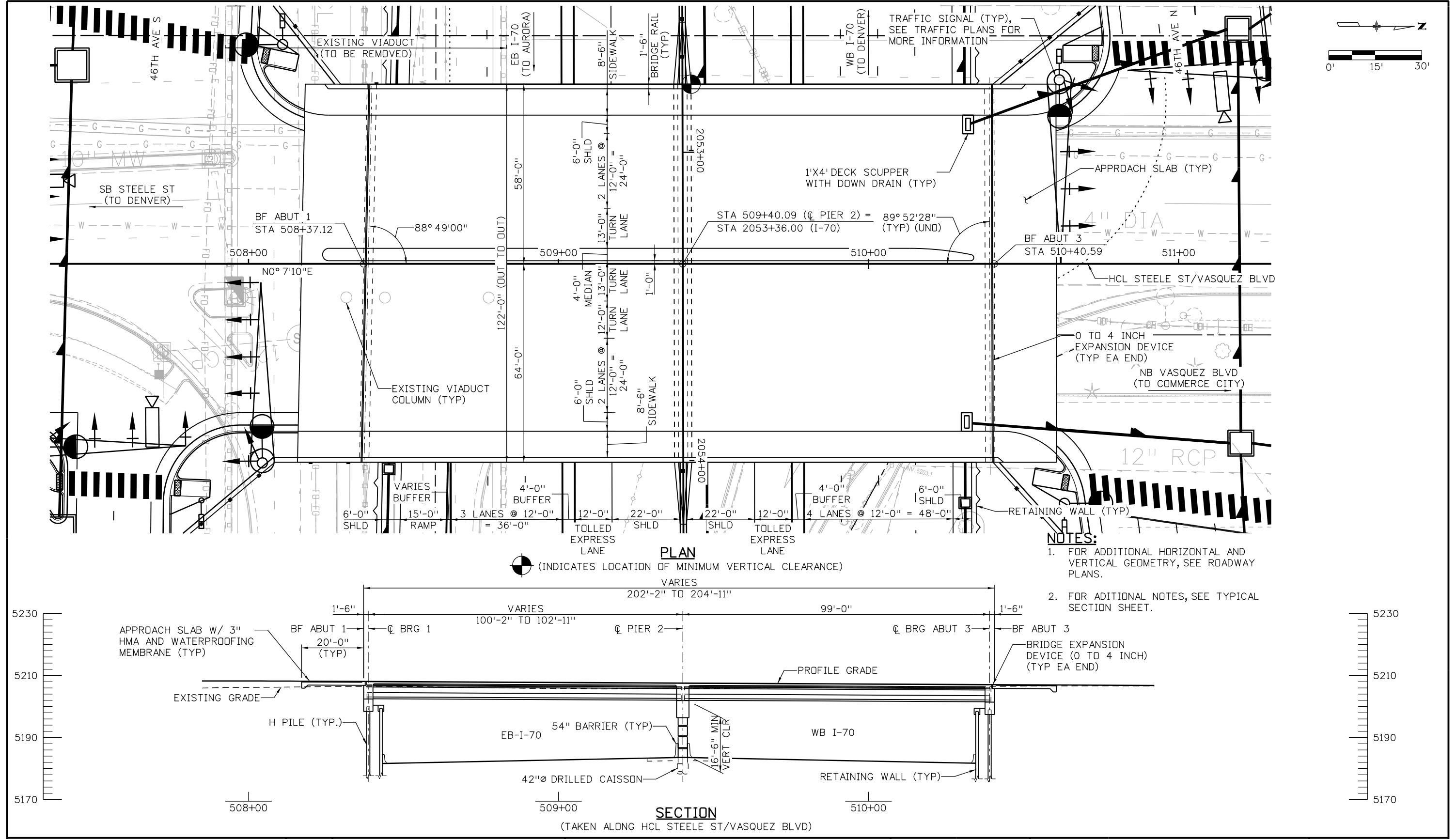


TYPICAL SECTION
(LOOKING AHEAD STATION)

Print Date: 5/24/2017	Sheet Revisions			Colorado Department of Transportation 2000 South Holly Street Denver, CO 80222 Phone: 303-757-9295 FAX: 303-757-9963 Region 1	As Constructed No Revisions: Revised: Void:	FILLMORE ST OVER I-70 TYPICAL SECTION		Project No./Code	
File Name: 13599BRDG_FillmoreSt_TypSec	Date:	Comments	Init.					FBR 0704-234	
Scale: 1:1				 Linking I-70 Communities	JKE	Designer: J LOBO	Structure Numbers: E-17-AEN	19631	
Staff Bridge Branch - Unit 0226 Unit Leader DDG						Detailer: K KATHRINEBERG	Sheet Subset: BRIDGE	Subset Sheets: B02 of 02	Sheet Number STR-17

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Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE



Print Date: 5/24/2017
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 Staff Bridge Branch - Unit 0226 Unit Leader DDG

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

2000 South Holly Street
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Region 1 **JKE**

As Constructed

No Revisions:
 Revised:
 Void:

STEELE ST/VASQUEZ BLVD OVER I-70 GENERAL LAYOUT

Designer: J LOBO
 Detailer: K KATHRINEBERG
 Sheet Subset: BRIDGE

Structure Numbers: E-17-AEO
 Subset Sheets: B01 of 02

Project No./Code

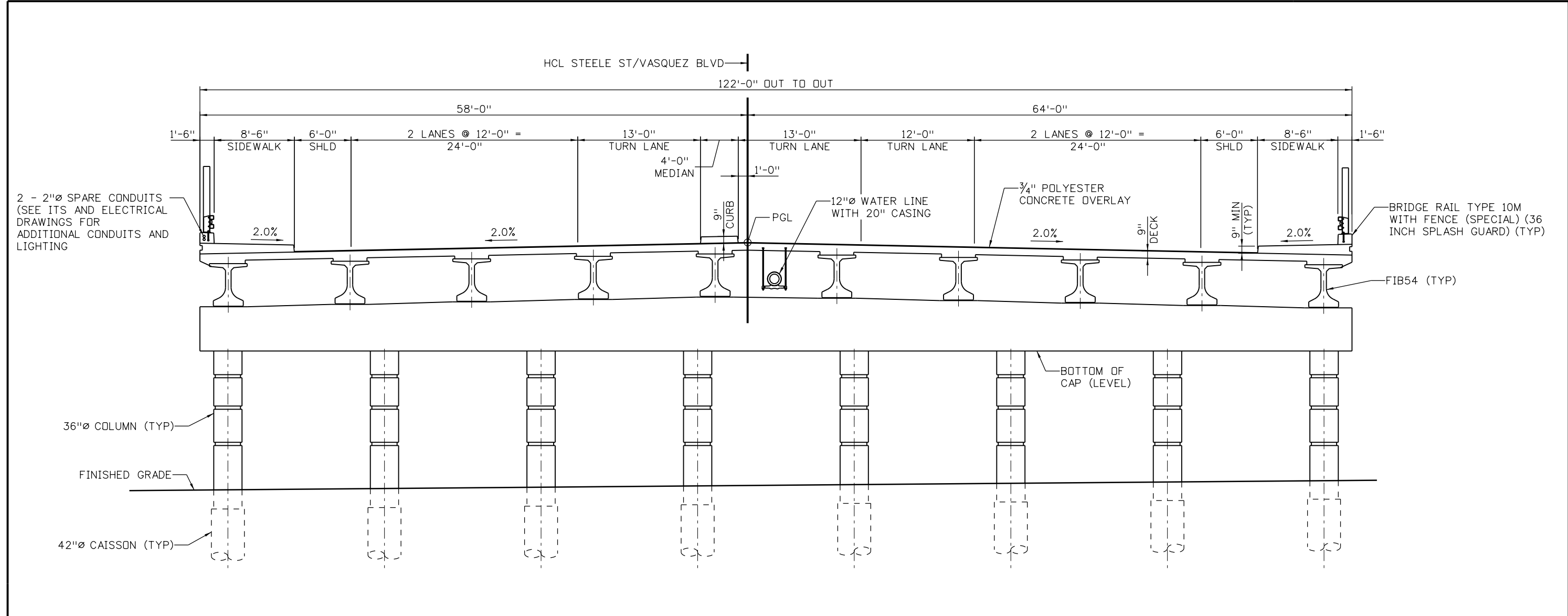
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19631

Sheet Number **STR-18**


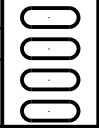


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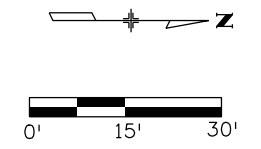
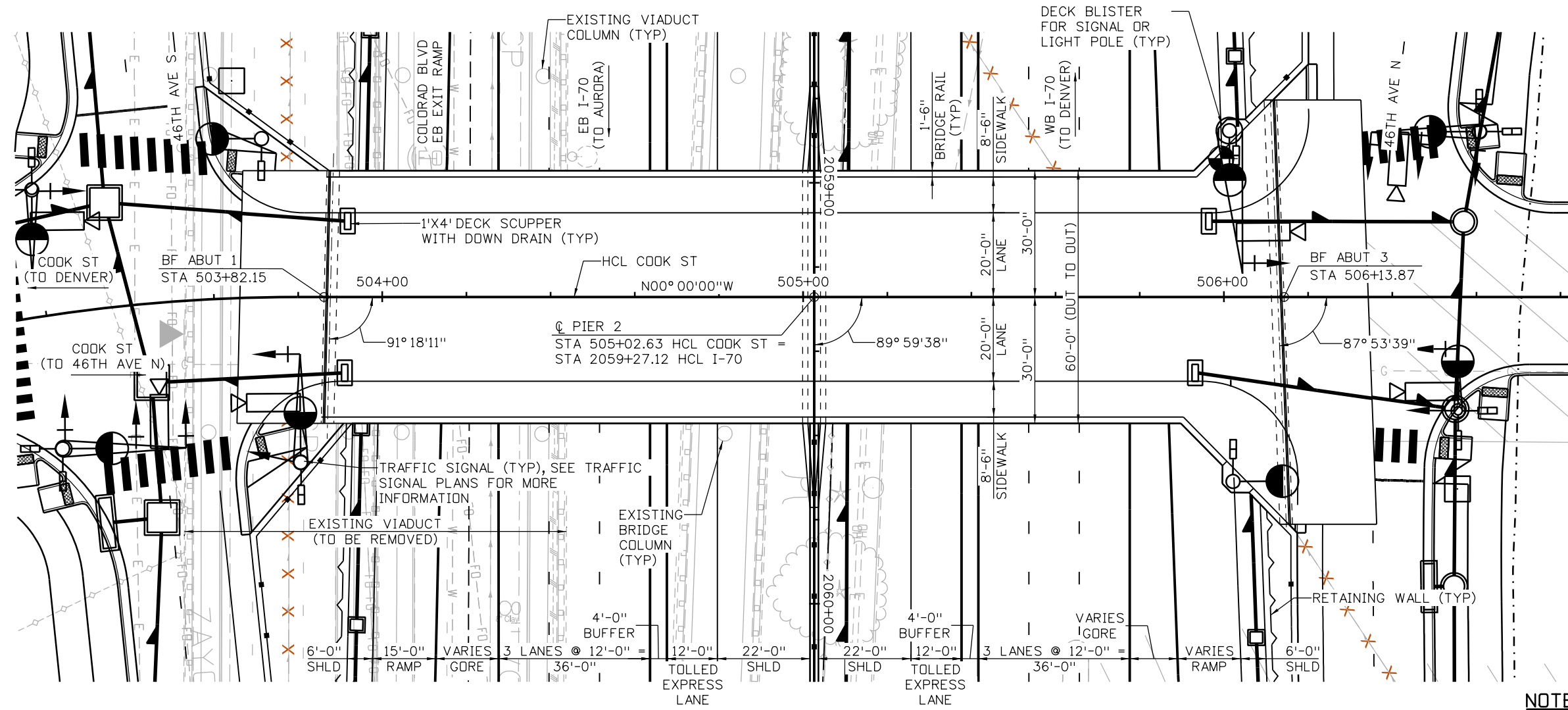
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INITIAL	DATE	INITIAL	DATE	INITIAL	DATE

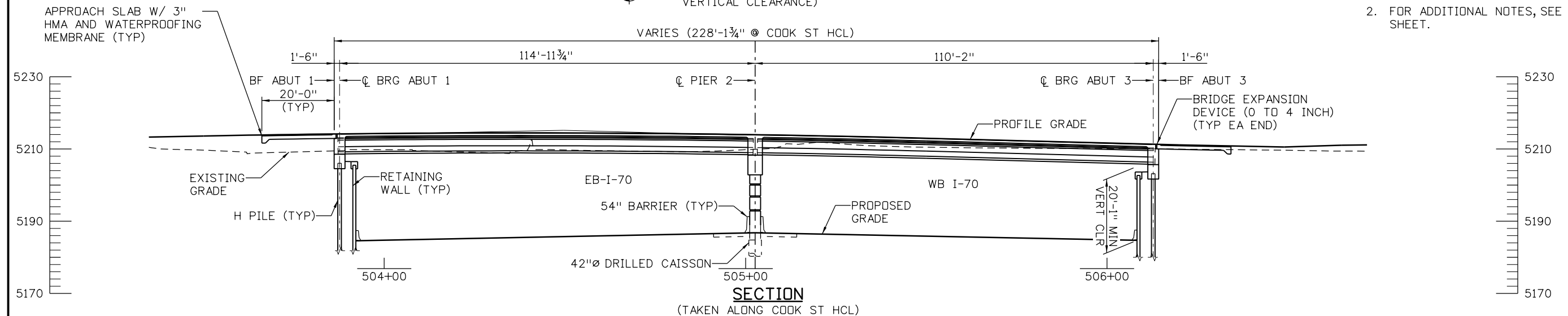
Print Date: 5/24/2017	 Colorado Department of Transportation 2000 South Holly Street Denver, CO 80222 Phone: 303-757-9295 FAX: 303-757-9963 Region 1	As Constructed No Revisions: Revised: Void:	STEELE ST/VASQUEZ BLVD OVER I-70 TYPICAL SECTION		Project No./Code	
File Name: 13599BRDG_Steele-Vasquez_TypSec					Design: J LOBO	Structure Numbers
Scale: 1:1					Designer: J LOBO Detailer: K KATHRINEBERG Sheet Subset: BRIDGE	Subset Sheets: B02 of 02 Sheet Number: STR-19

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Design		Detail		Quantities	
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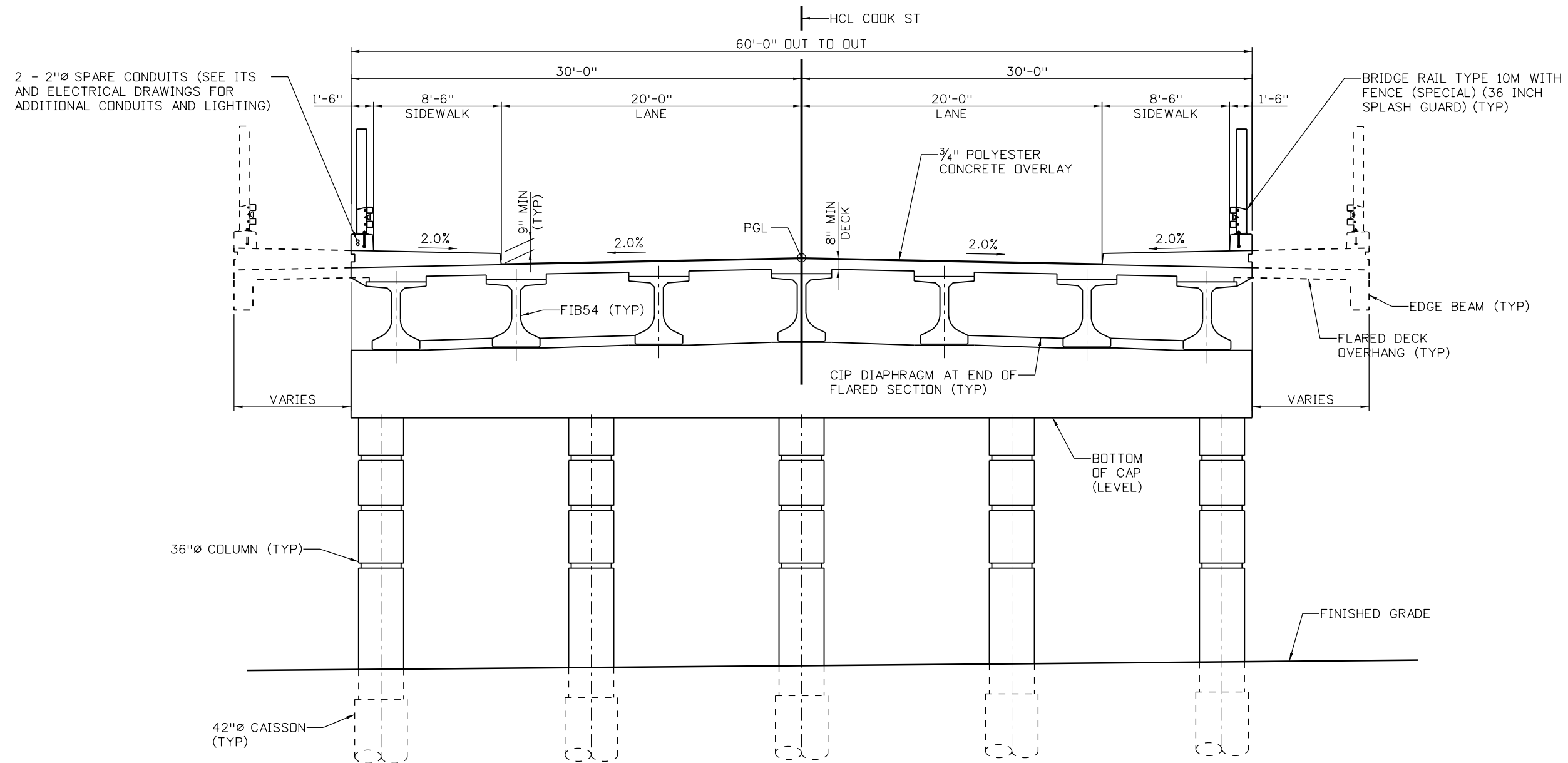
- NOTES:**
- FOR ADDITIONAL HORIZONTAL AND VERTICAL GEOMETRY, SEE ROADWAY PLANS.
 - FOR ADDITIONAL NOTES, SEE TYPICAL SECTION SHEET.



Print Date: 5/24/2017	Sheet Revisions			Colorado Department of Transportation		As Constructed		COOK ST OVER I-70 GENERAL LAYOUT		Project No./Code			
File Name: 13599BRDG_CookSt_GenLay	Date:	Comments	Init.	2000 South Holly Street Denver, CO 80222 Phone: 303-757-9295 FAX: 303-757-9963 Region 1		No Revisions:		Designer: J LOBO Detailer: K KATHRINEBERG Sheet Subset: BRIDGE		FBR 0704-234			
Scale: 1:30						Revised:				Structure Numbers		19631	
Staff Bridge Branch - Unit 0226 Unit Leader DDG						Void:				Subset Sheets: B01 of 02		Sheet Number STR-20	



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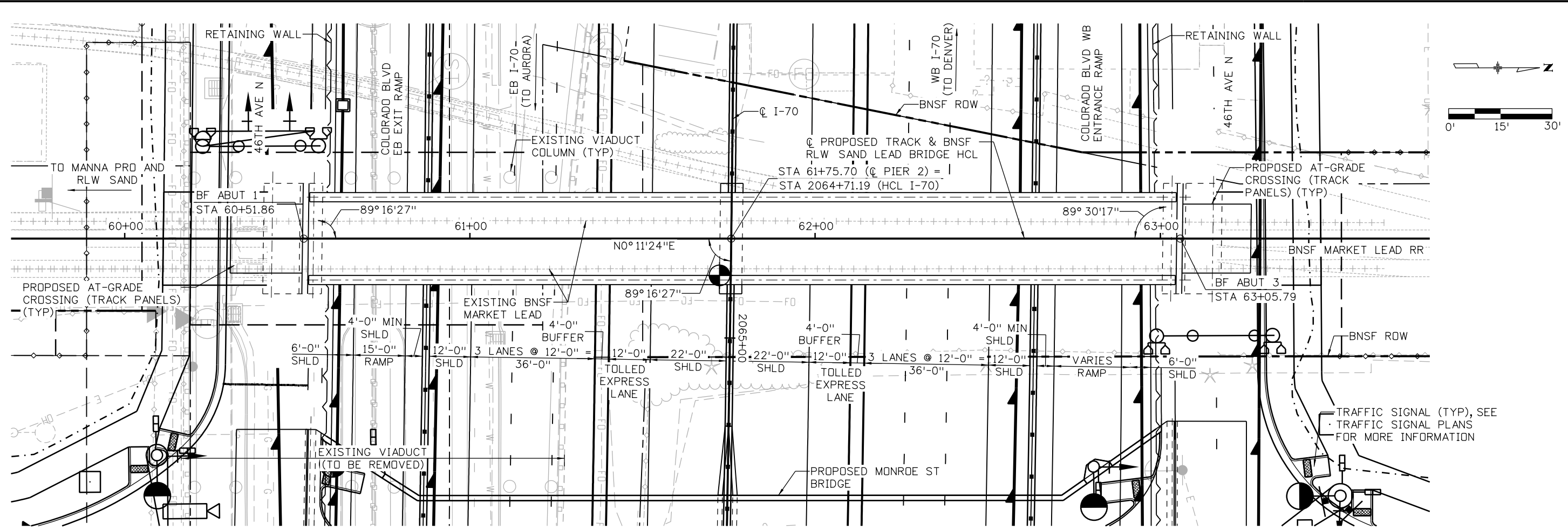
TYPICAL SECTION

Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE

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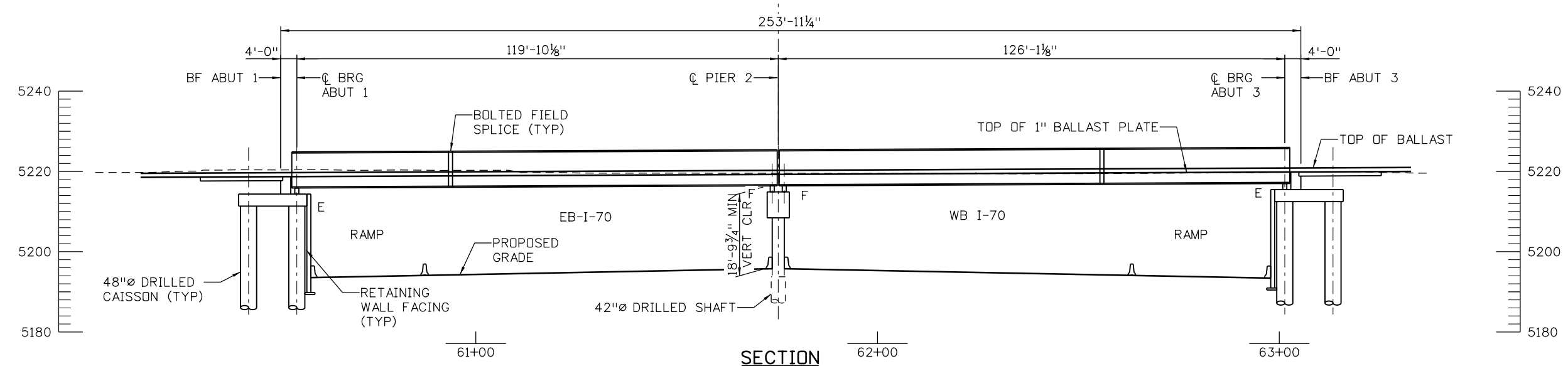


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PLAN
 (INDICATES LOCATION OF MINIMUM VERTICAL CLEARANCE)

NOTES:
 1. FOR ADDITIONAL HORIZONTAL AND VERTICAL GEOMETRY, SEE ROADWAY PLANS.



SECTION
 (TAKEN ALONG ϕ PROPOSED TRACK & BNSF RLW SAND LEAD BRIDGE HCL)
 (DECK PLATE AND FLOORBEAMS NOT SHOWN FOR CLARITY)

Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE

Print Date: 5/24/2017
 File Name: 13599BRDG_BNSF-Market_GenLay
 Scale: 1:30
 Staff Bridge Branch - Unit 0226 Unit Leader DDG

5280 Connectors
 Linking I-70 Communities

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

2000 South Holly Street
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Region 1 JKE

As Constructed
No Revisions:
Revised:
Void:

BNSF MARKET LEAD BRIDGE OVER I-70 GENERAL LAYOUT

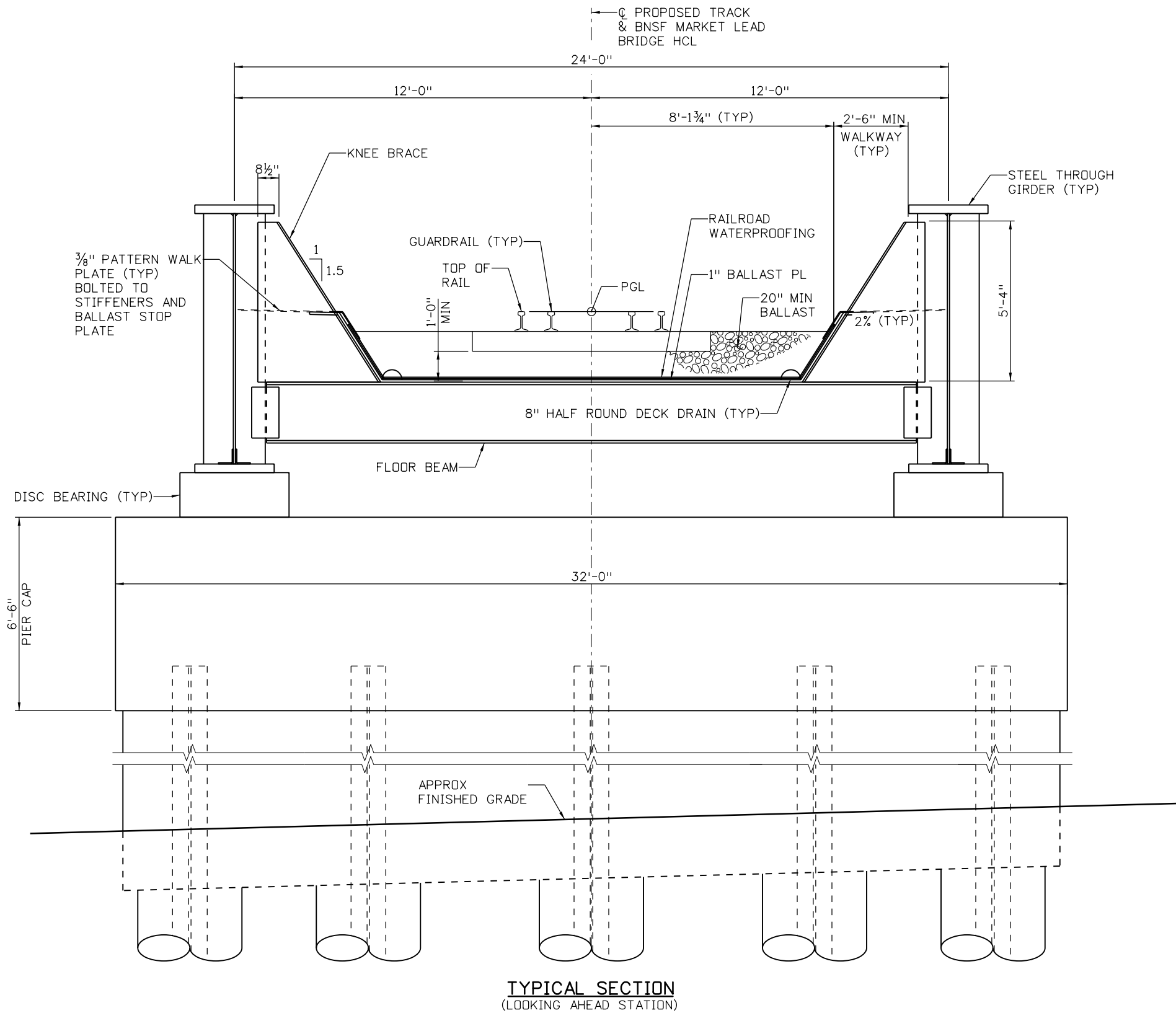
Designer: J LOBO
 Detailer: K KATHRINEBERG
 Sheet Subset: BRIDGE

Structure Numbers: E-17-AFA
 Subset Sheets: B01 of 02

Project No./Code
FBR 0704-234
19631
Sheet Number STR-22

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Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE



TYPICAL SECTION
(LOOKING AHEAD STATION)

Print Date: 5/24/2017

File Name: 13599BRDG_BNSF-Market_TypSec

Scale: 1:1

Staff Bridge Branch - Unit 0226 Unit Leader DDG

5280 Connectors
Linking I-70 Communities

Sheet Revisions

Date:	Comments	Init.

Colorado Department of Transportation



2000 South Holly Street
Denver, CO 80222
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Region 1

JKE

As Constructed

No Revisions:

Revised:

Void:

**BNSF MARKET LEAD BRIDGE
OVER I-70
TYPICAL SECTION**

Designer:	J LOBO	Structure Numbers	E-17-AFA
Detailer:	K KATHRINEBERG	Subset Sheets:	B02 of 02

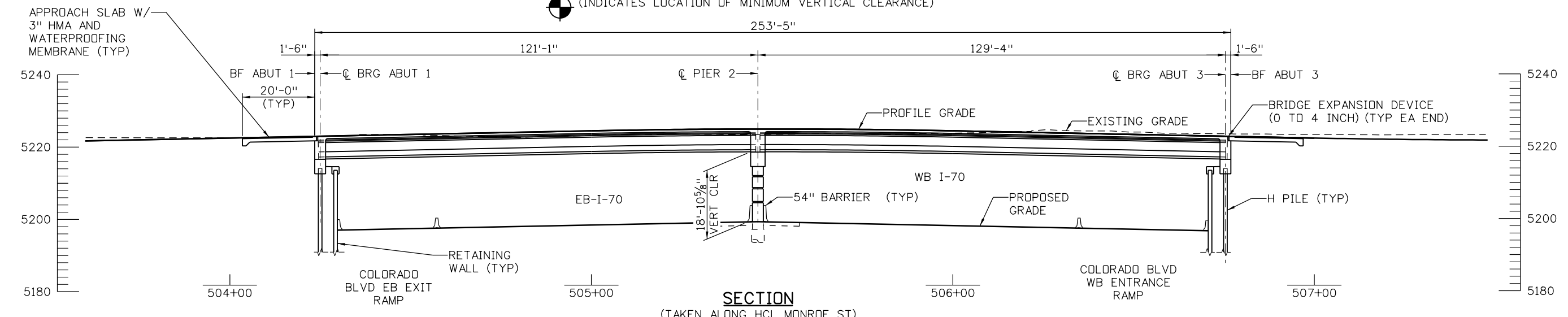
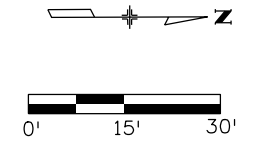
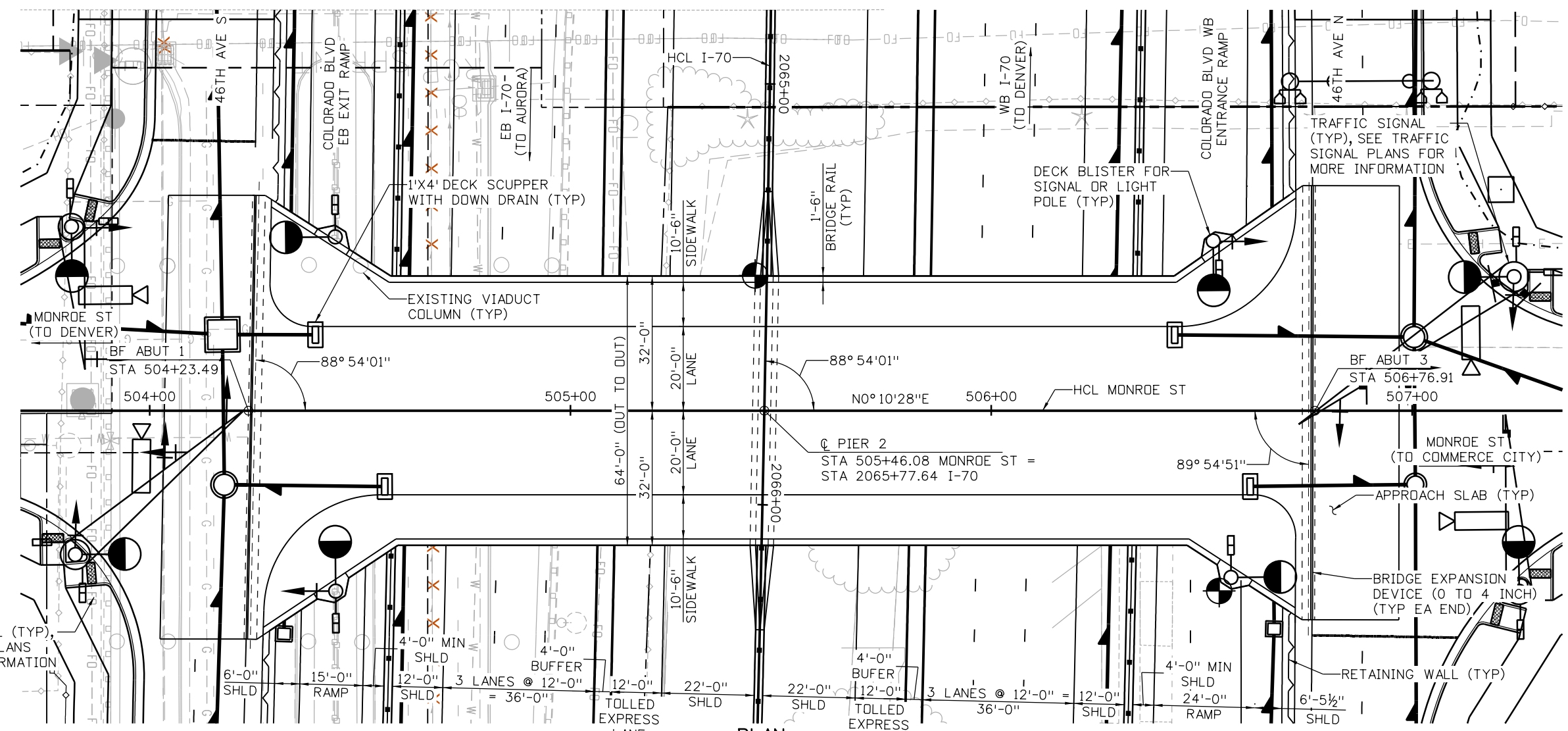
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FBR 0704-234

19631

Sheet Number **STR-23**


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Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE

Print Date: 5/24/2017
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 Staff Bridge Branch - Unit 0226 Unit Leader DDG

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

 2000 South Holly Street
 Denver, CO 80222
 Phone: 303-757-9295 FAX: 303-757-9963
Region 1 **JKE**

As Constructed
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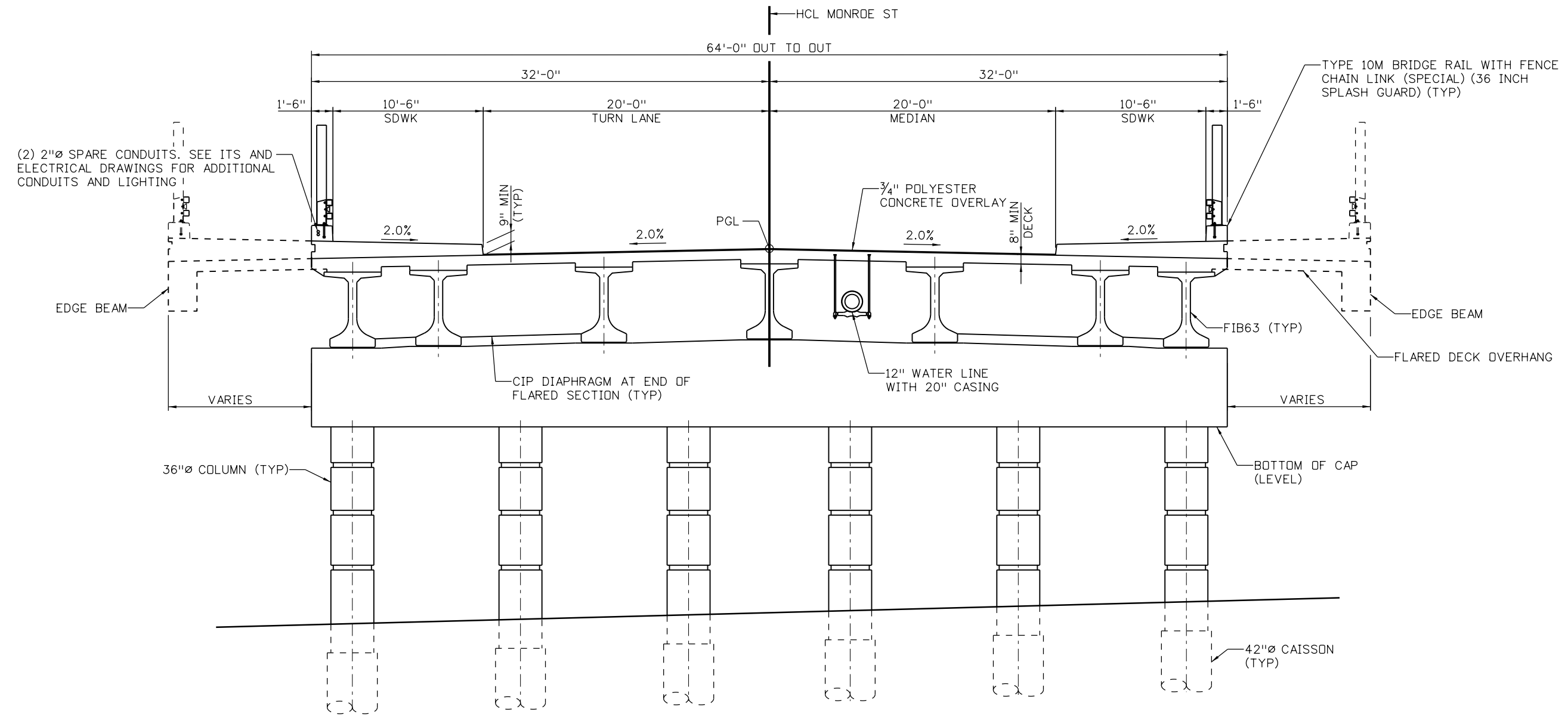
MONROE ST OVER I-70 GENERAL LAYOUT

Designer:	J LOBO	Structure Numbers	E-17-AFC
Detailer:	K KATHRINEBERG	Sheet Subset:	BRIDGE
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Project No./Code
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 19631
 Sheet Number **STR-24**



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TYPICAL SECTION

Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE

Print Date: 5/24/2017
 File Name: 13599BRDG_MonroeSt_TypSec
 Scale: 1:1
 Staff Bridge Branch - Unit 0226 Unit Leader DDG

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation
 2000 South Holly Street
 Denver, CO 80222
 Phone: 303-757-9295 FAX: 303-757-9963
 Region 1 JKE

As Constructed
No Revisions:
Revised:
Void:

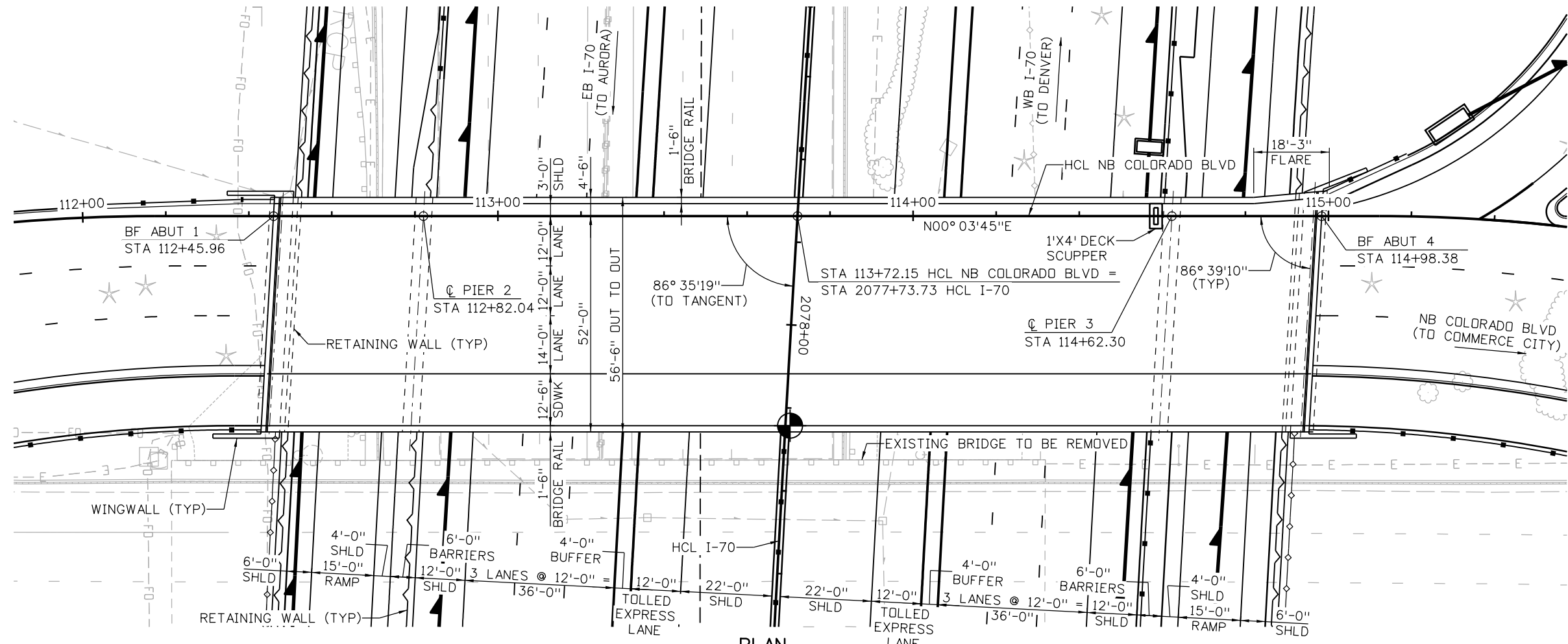
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 TYPICAL SECTION

Designer: J LOBO	Structure Numbers: E-17-AFC
Detailer: K KATHRINEBERG	
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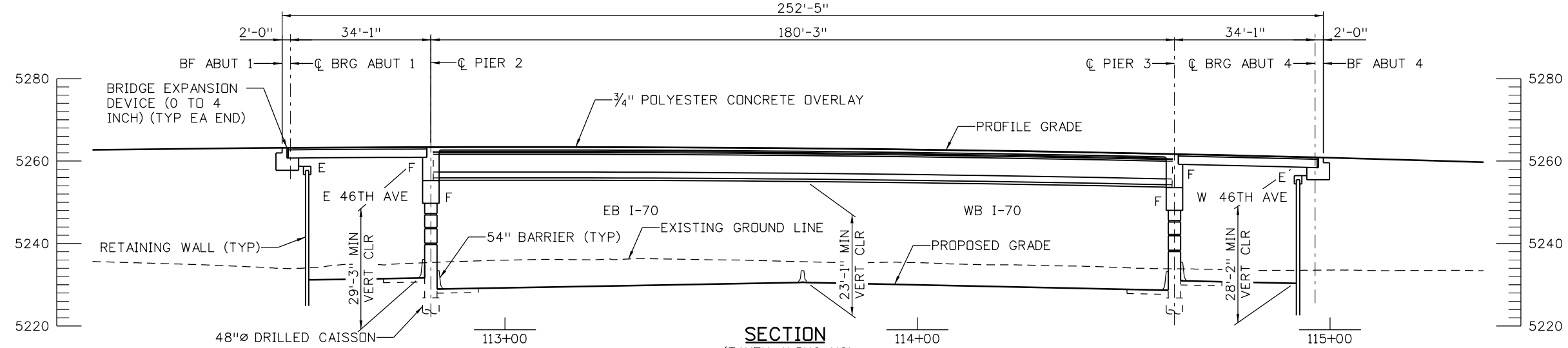
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PLAN
(INDICATES LOCATION OF MINIMUM VERTICAL CLEARANCE)



SECTION
(TAKEN ALONG HCL NB COLORADO BLVD)

Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE

Print Date: 5/24/2017
 File Name: 13599BRDG_NB_ColoradoBlvd_GenLay
 Scale: 1:30
 Staff Bridge Branch - Unit 0226 Unit Leader DDG

5280 Connectors
 Linking I-70 Communities

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

Region 1

2000 South Holly Street
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 Phone: 303-757-9295 FAX: 303-757-9963

JKE

As Constructed
No Revisions:
Revised:
Void:

COLORADO BLVD OVER I-70 NB GENERAL LAYOUT

Designer: J ROBERTS
 Detailer: K KATHRINEBERG
 Sheet Subset: BRIDGE

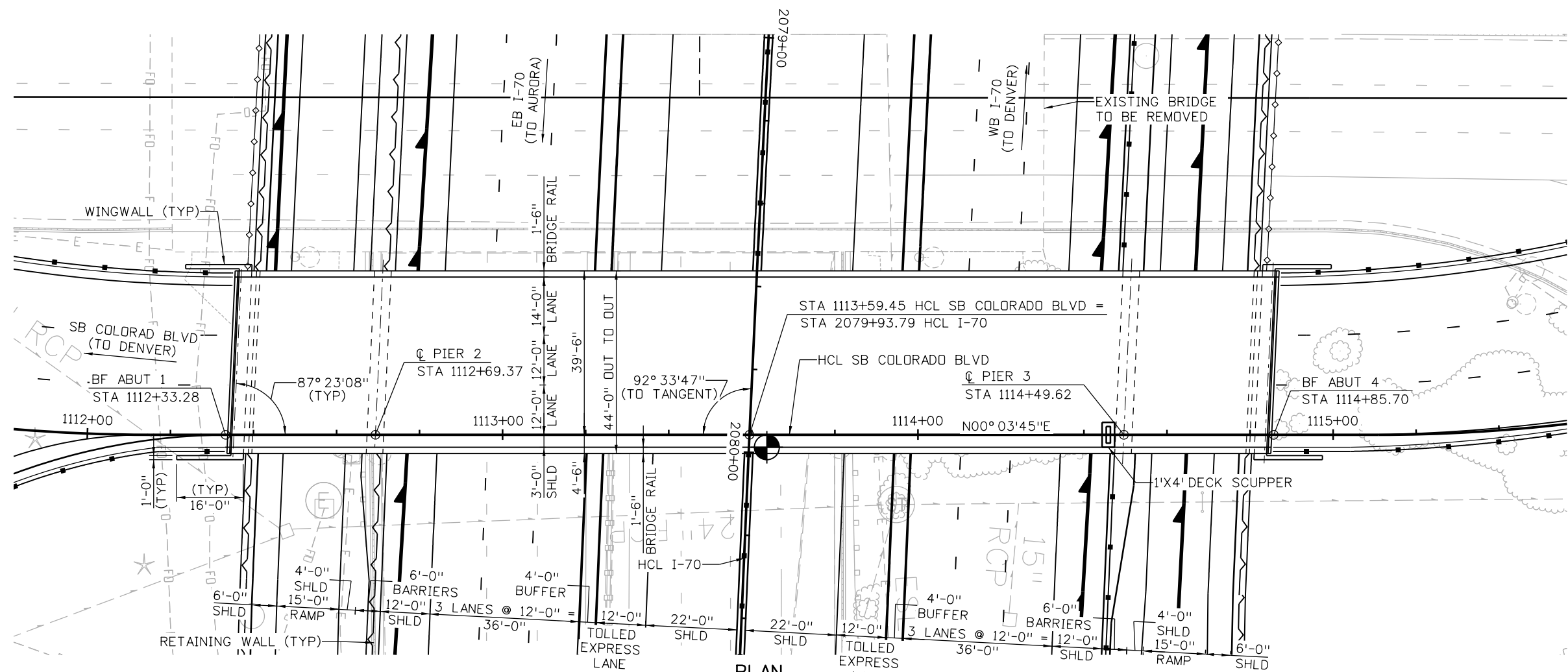
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Project No./Code
 FBR 0704-234

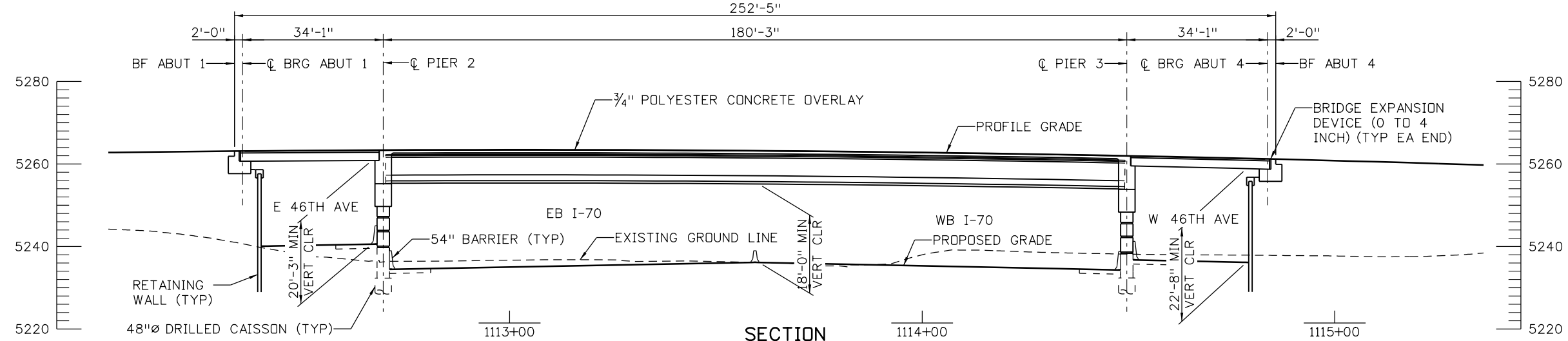
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PLAN
 (INDICATES LOCATION OF MINIMUM VERTICAL CLEARANCE)



SECTION
 (TAKEN ALONG HCL NB COLORADO BLVD)

Design		Detail		Quantity	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE

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 Staff Bridge Branch - Unit 0226 Unit Leader DDG

5280 Connectors
 Linking I-70 Communities

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

CDOT

2000 South Holly Street
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 Phone: 303-757-9295 FAX: 303-757-9963

Region 1 **JKE**

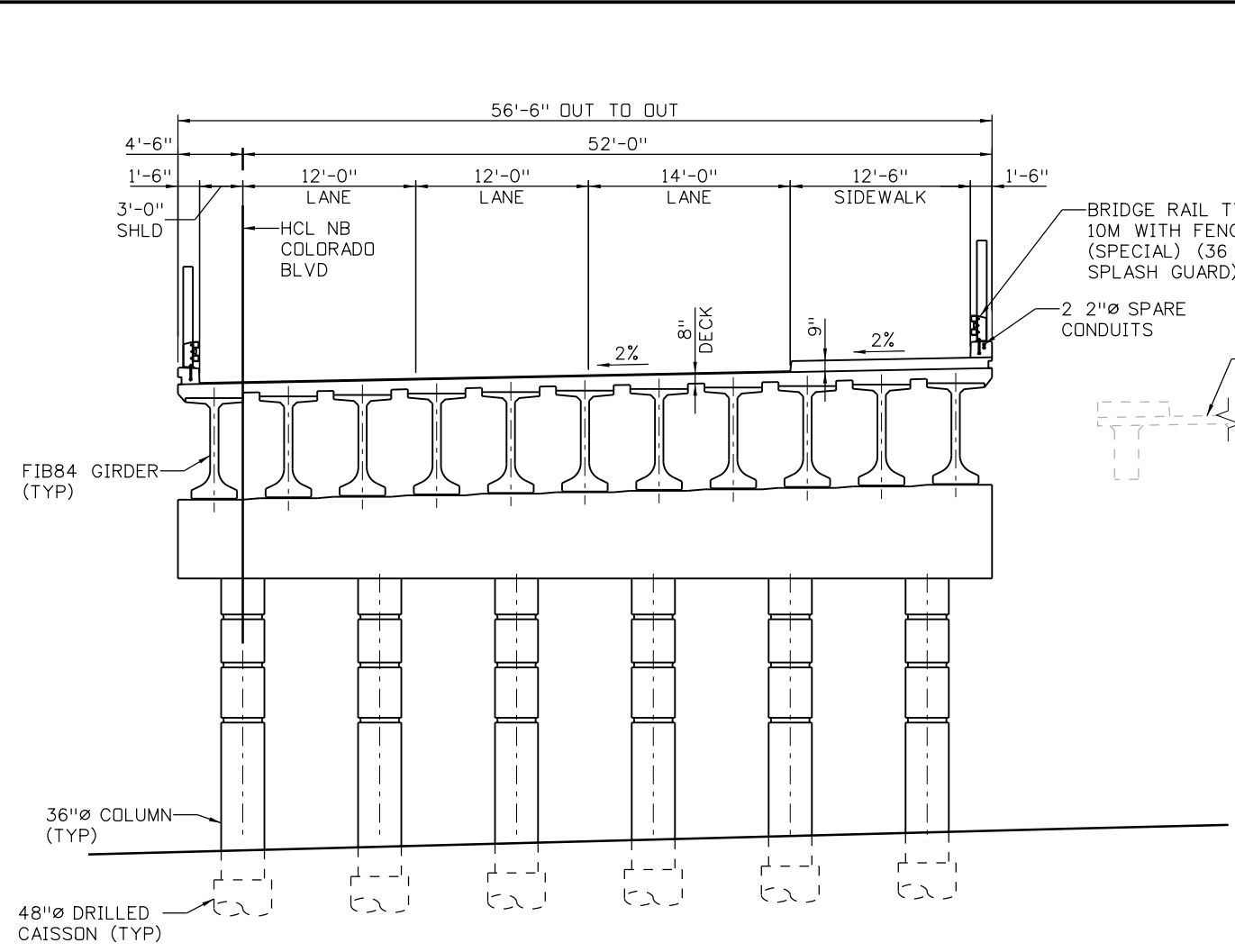
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COLORADO BLVD OVER I-70 SB GENERAL LAYOUT

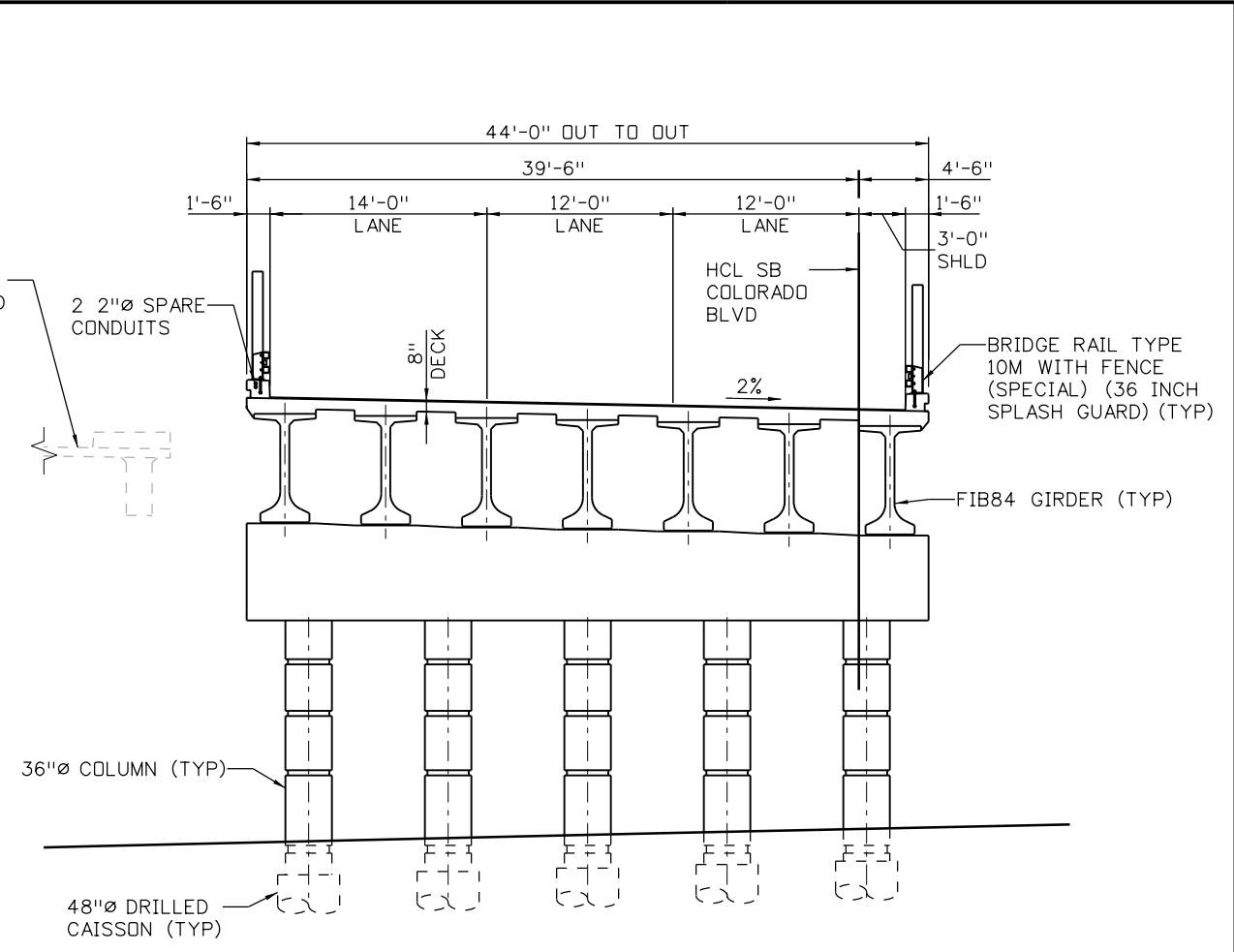
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 Detailer: K KATHRINEBERG
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Project No./Code
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 Sheet Number **STR-27**

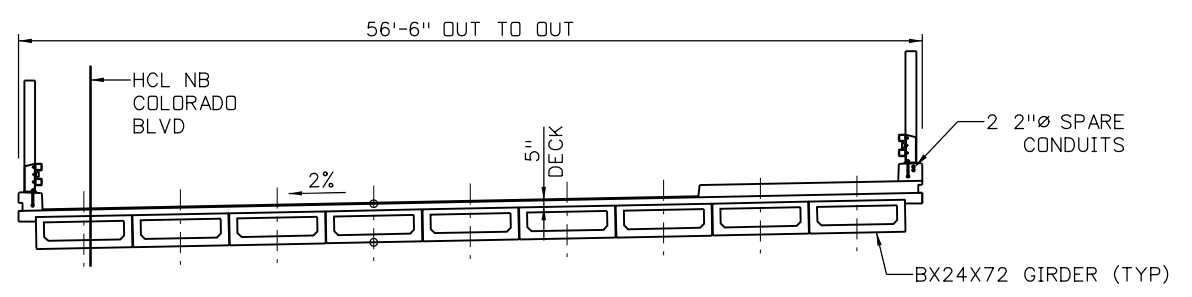
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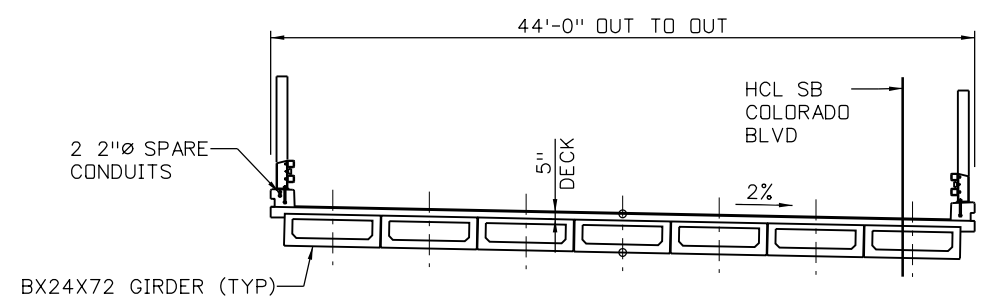
NB COLORADO BLVD SPAN 2 TYPICAL SECTION
(LOOKING AHEAD STATION)



SB COLORADO BLVD SPAN 2 TYPICAL SECTION
(LOOKING AHEAD STATION)



NB COLORADO BLVD SPAN 1 & 3 TYPICAL SECTION
(LOOKING AHEAD STATION)



SB COLORADO BLVD SPAN 1 & 3 TYPICAL SECTION
(LOOKING AHEAD STATION)


Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE

Print Date: 5/24/2017
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 Staff Bridge Branch - Unit 0226 Unit Leader DDG

5280 Connectors
 Linking I-70 Communities

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation



2000 South Holly Street
 Denver, CO 80222
 Phone: 303-757-9295 FAX: 303-757-9963

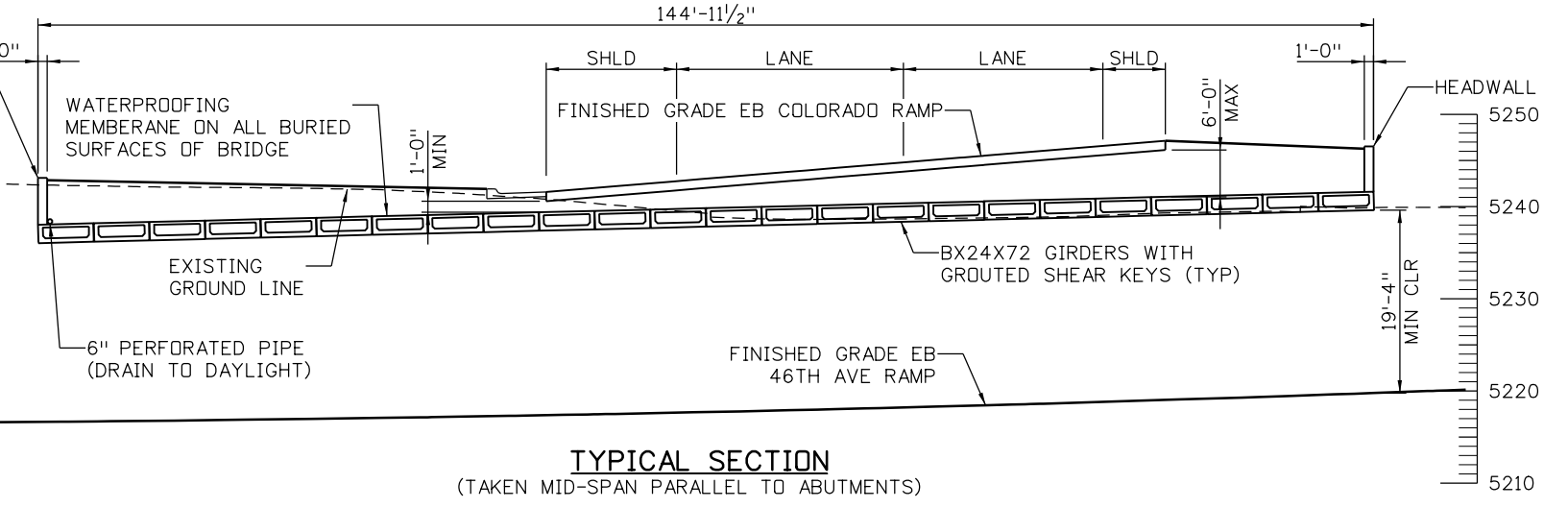
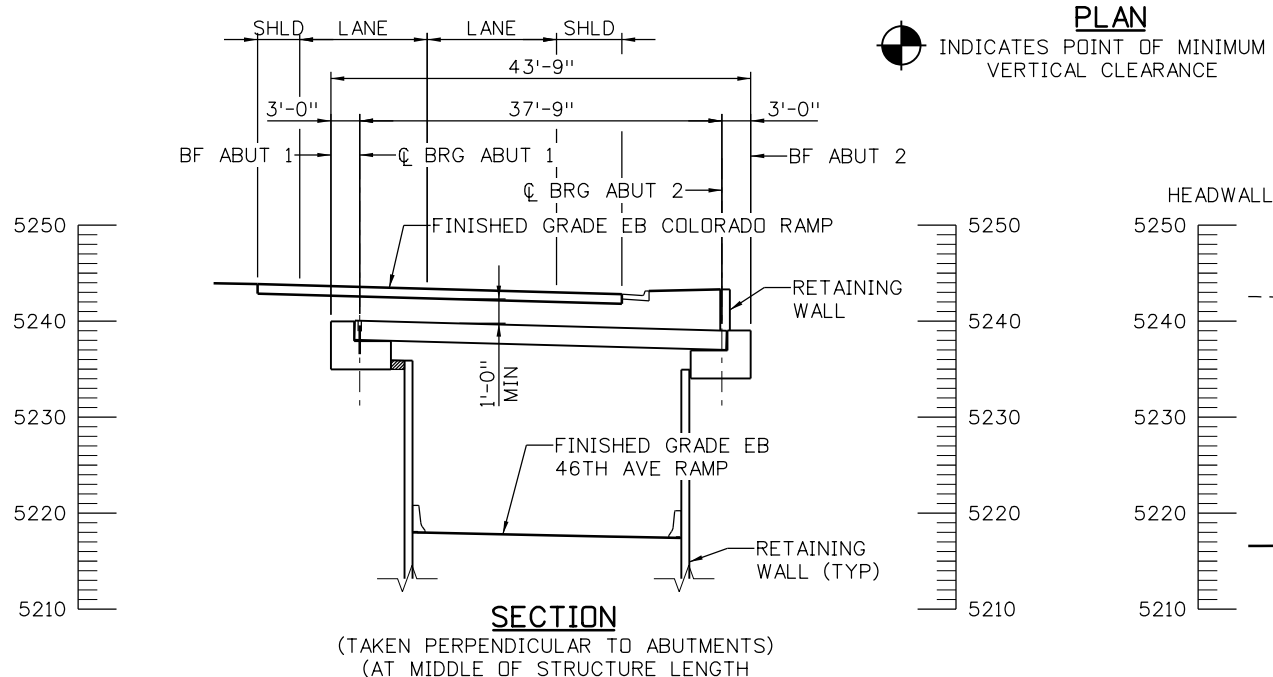
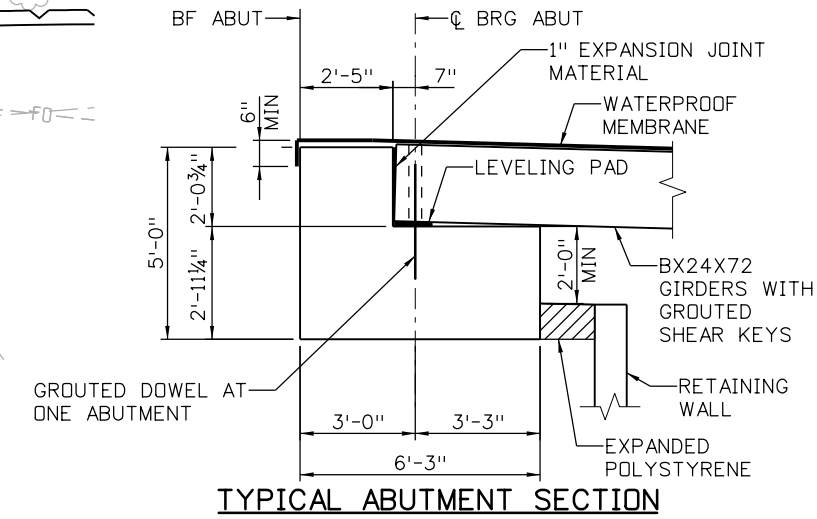
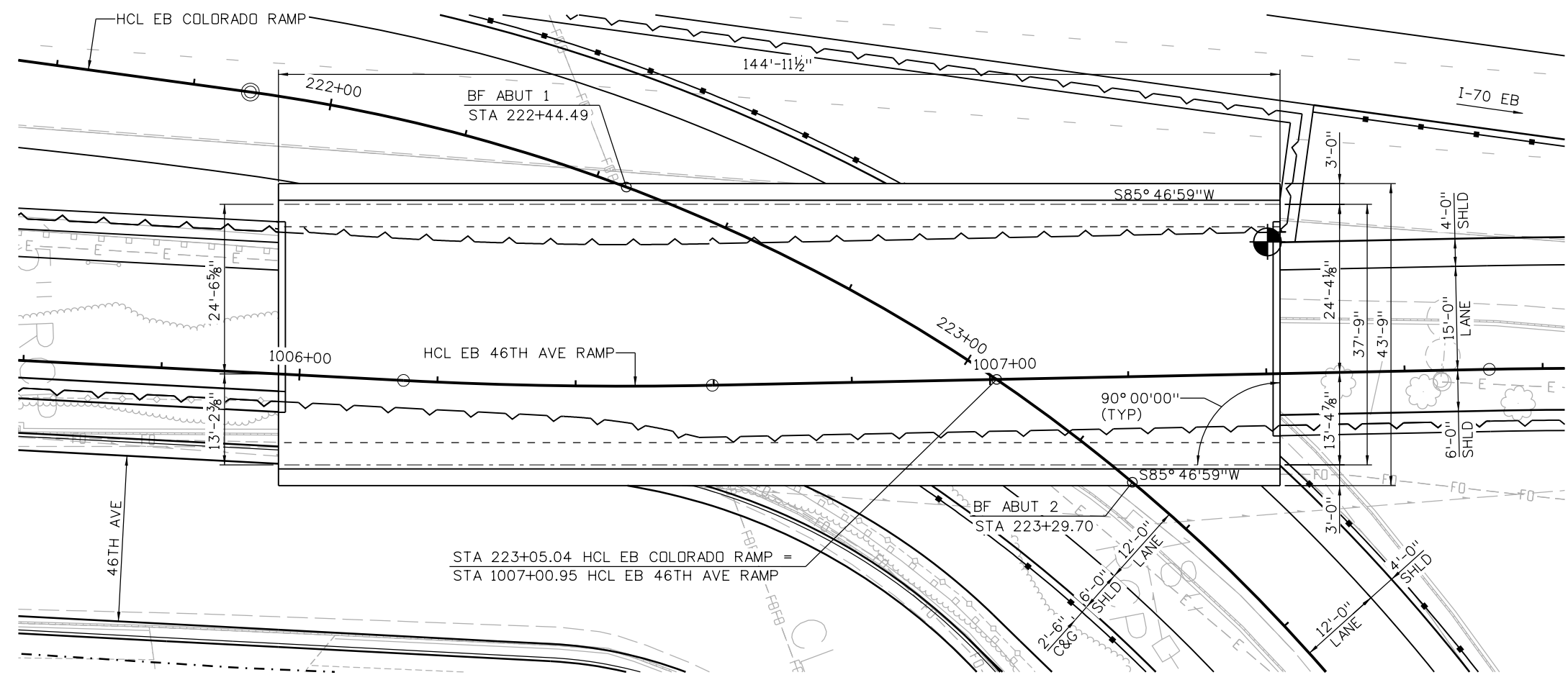
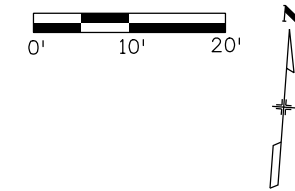
Region 1 JKE

As Constructed
No Revisions:
Revised:
Void:

COLORADO BLVD OVER I-70 TYPICAL SECTION			
Designer:	J ROBERTS	Structure	E-17-AFD
Detailer:	K KATHRINEBERG	Numbers	E-17-AFE
Sheet Subset:	BRIDGE	Subset Sheets:	B03 of 03

Project No./Code
FBR 0704-234
19631
Sheet Number STR-28

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Print Date: 5/24/2017

File Name: 13599BRDG_EB_ColoradoRamp_GenLay

Scale: 1:20

Staff Bridge Branch - Unit 0226 Unit Leader DDG

5280 Connectors
Linking I-70 Communities

Sheet Revisions		
Date:	Comments	Init.

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2000 South Holly Street
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Phone: 303-757-9295 FAX: 303-757-9963

Region 1 JKE

As Constructed
No Revisions:
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Void:

**EB COLORADO RAMP
OVER EB 46TH AVE RAMP
GENERAL LAYOUT**

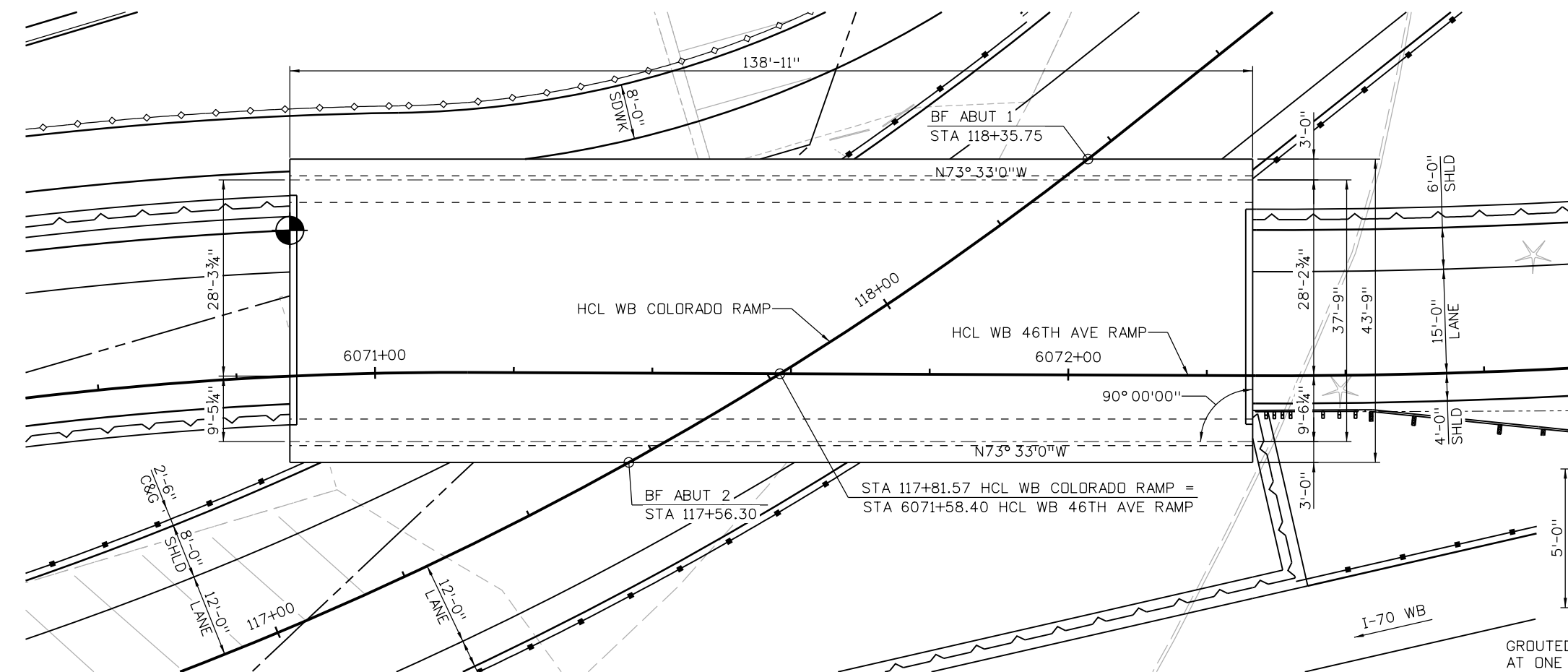
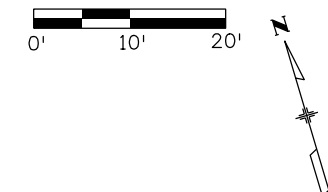
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Detailer: K KATHRINEBERG Numbers:

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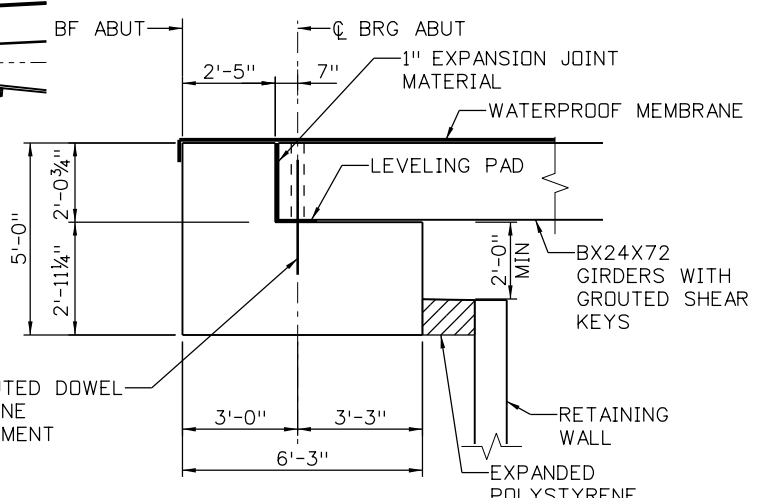
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Sheet Number STR-29

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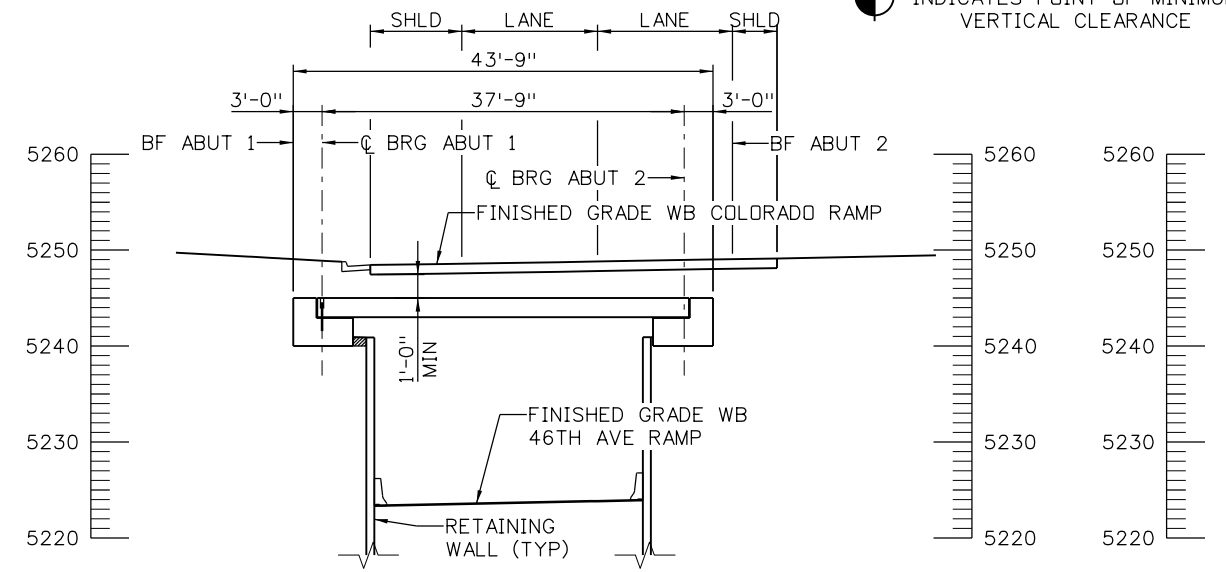


PLAN

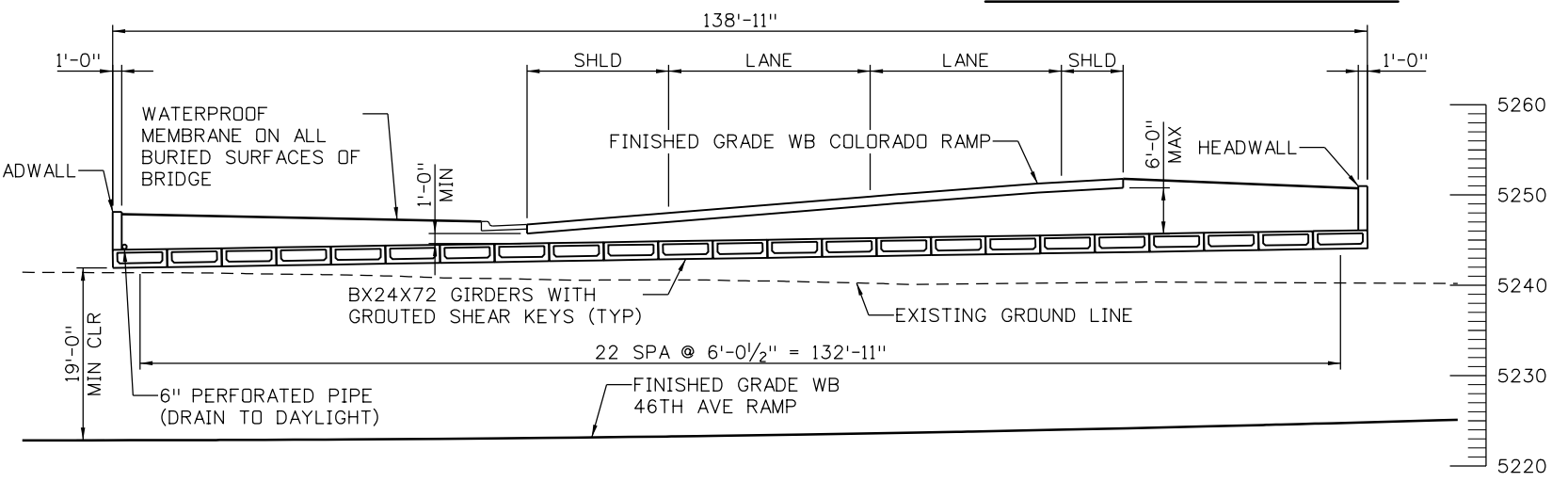
INDICATES POINT OF MINIMUM VERTICAL CLEARANCE



TYPICAL ABUTMENT SECTION



SECTION
(TAKEN PERPENDICULAR TO ABUTMENTS)
(AT MIDDLE OF STRUCTURE LENGTH)



TYPICAL SECTION
(TAKEN MID-SPAN PARALLEL TO ABUTMENTS)

Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE

Print Date: 5/24/2017
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5280 Connectors
 Linking I-70 Communities

Sheet Revisions		
Date:	Comments	Init.

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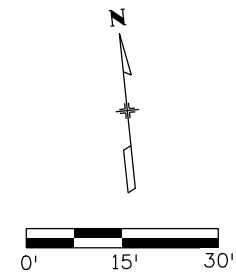
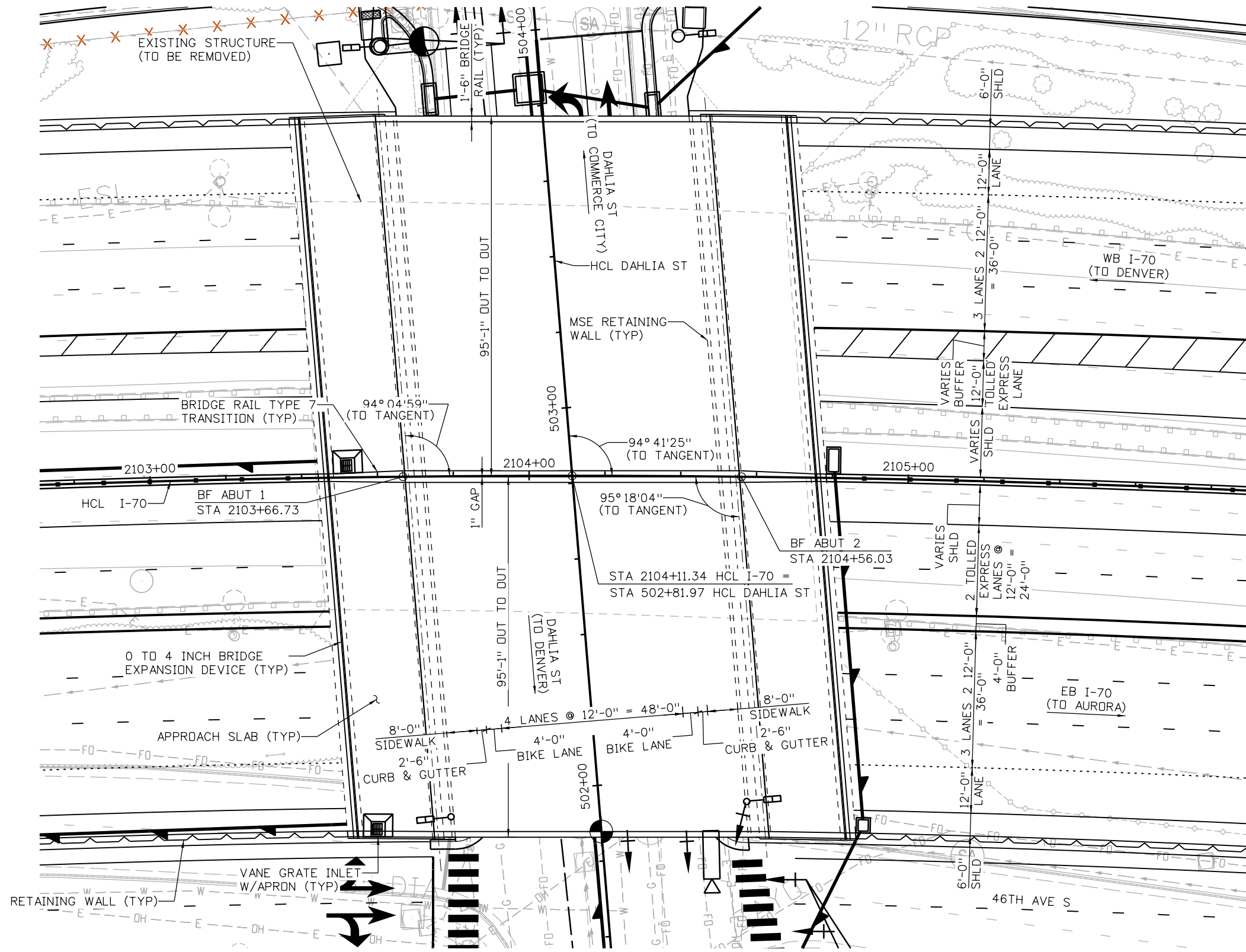
**WB COLORADO RAMP
 OVER WB 46TH AVE RAMP
 GENERAL LAYOUT**

Designer: J ROBERTS Structure: TBD
 Detailer: K KATHRINEBERG Numbers:
 Sheet Subset: BRIDGE Subset Sheets: B01 of 01

Project No./Code
FBR 0704-234
19631
Sheet Number STR-30

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Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE



PLAN
 (INDICATES LOCATION OF MINIMUM VERTICAL CLEARANCE)

Print Date: 5/24/2017

File Name: 13599BRDG_Dahlia_GenLay-1

Scale: 1:30

Staff Bridge Branch - Unit 0226 Unit Leader DDG



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Date:	Comments	Init.

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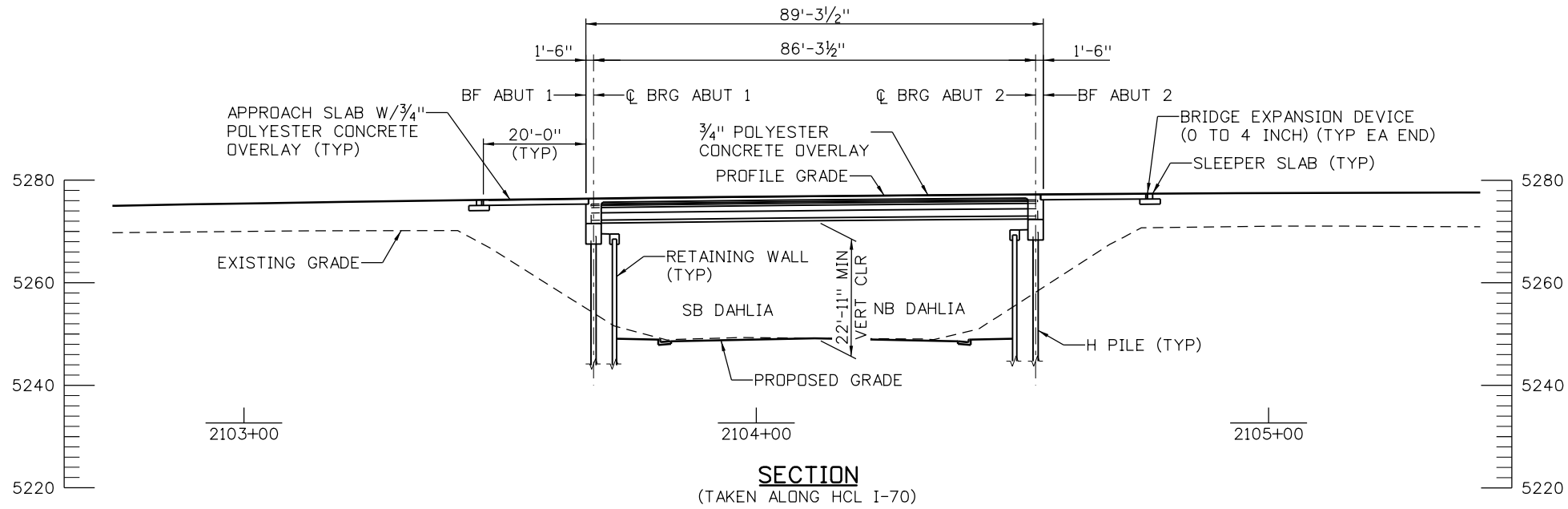
Region 1 JKE

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I-70 OVER DAHLIA ST GENERAL LAYOUT (1 OF 2)			
Designer:	J ROBERTS	Structure Numbers	E-17-AFF
Detailer:	K KATHRINEBERG	Structure Numbers	E-17-AFG
Sheet Subset:	BRIDGE	Subset Sheets:	B01 of 03

Project No./Code
FBR 0704-234
19631
Sheet Number STR-31


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SECTION
(TAKEN ALONG HCL I-70)


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Print Date: 5/24/2017
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 Staff Bridge Branch - Unit 0226 Unit Leader DDG



Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation



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Region 1 JKE

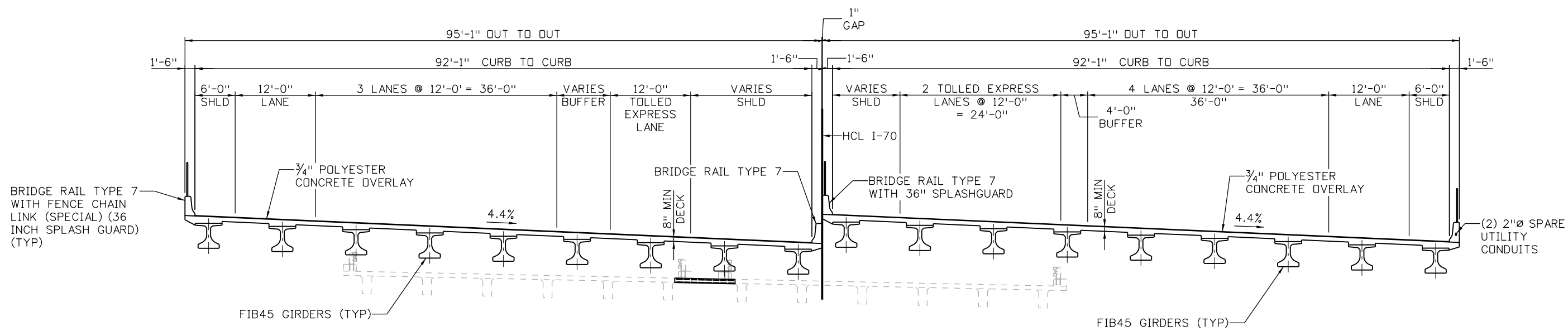
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No Revisions:
Revised:
Void:

**I-70 OVER DAHLIA ST
 GENERAL LAYOUT
 (2 OF 2)**

Designer: J ROBERTS	Structure Numbers: E-17-AFF
Detailer: K KATHRINEBERG	E-17-AFG
Sheet Subset: BRIDGE	Subset Sheets: B02 of 03

Project No./Code
FBR 0704-234
19631
Sheet Number STR-32

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TYPICAL SECTION
(LOOKING AHEAD STATION)

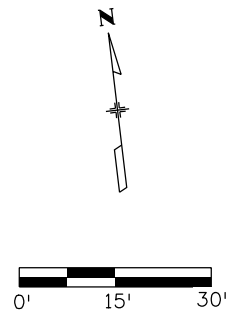
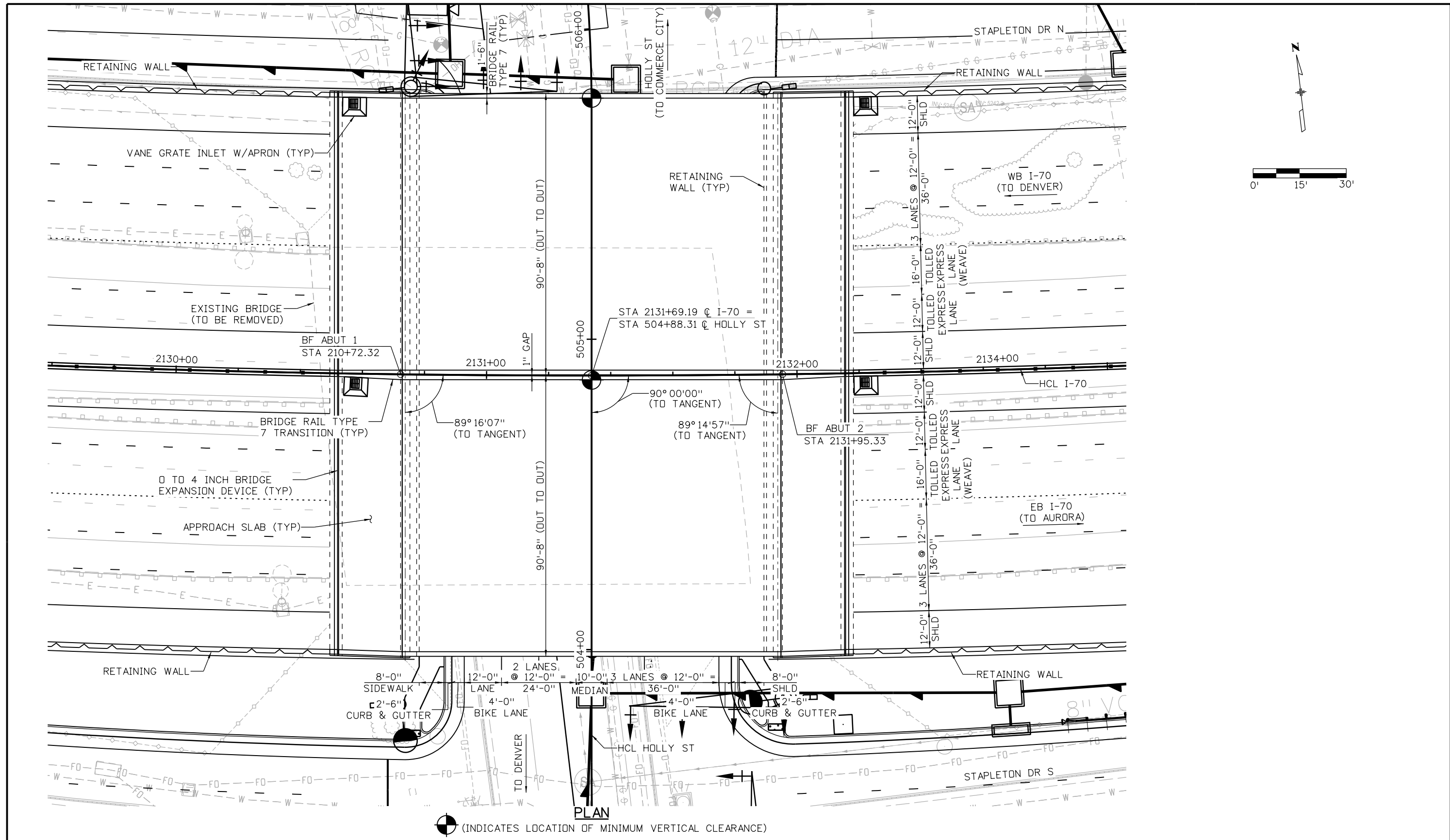
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INITIAL	DATE	INITIAL	DATE	INITIAL	DATE

Print Date: 5/24/2017 File Name: 13599BRDG_Dahlia_TypSec.dgn Scale: 1:1 Staff Bridge Branch - Unit 0226 Unit Leader DDG	0000	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3">Sheet Revisions</th> </tr> <tr> <th>Date:</th> <th>Comments</th> <th>Init.</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	Sheet Revisions			Date:	Comments	Init.										Colorado Department of Transportation 2000 South Holly Street Denver, CO 80222 Phone: 303-757-9295 FAX: 303-757-9963 Region 1	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">As Constructed</th> </tr> </thead> <tbody> <tr> <td>No Revisions:</td> <td> </td> </tr> <tr> <td>Revised:</td> <td> </td> </tr> <tr> <td>Void:</td> <td> </td> </tr> </tbody> </table>	As Constructed		No Revisions:		Revised:		Void:		I-70 OVER DAHLIA ST TYPICAL SECTION	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Designer: J ROBERTS</td> <td>Structure Numbers: E-17-AFF</td> </tr> <tr> <td>Detailer: K KATHRINEBERG</td> <td>E-17-AFG</td> </tr> <tr> <td>Sheet Subset: BRIDGE</td> <td>Subset Sheets: B03 of 03</td> </tr> </table>	Designer: J ROBERTS	Structure Numbers: E-17-AFF	Detailer: K KATHRINEBERG	E-17-AFG	Sheet Subset: BRIDGE	Subset Sheets: B03 of 03	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Project No./Code</td> <td>FBR 0704-234</td> </tr> <tr> <td> </td> <td>19631</td> </tr> <tr> <td>Sheet Number</td> <td>STR-33</td> </tr> </table>	Project No./Code	FBR 0704-234		19631	Sheet Number	STR-33
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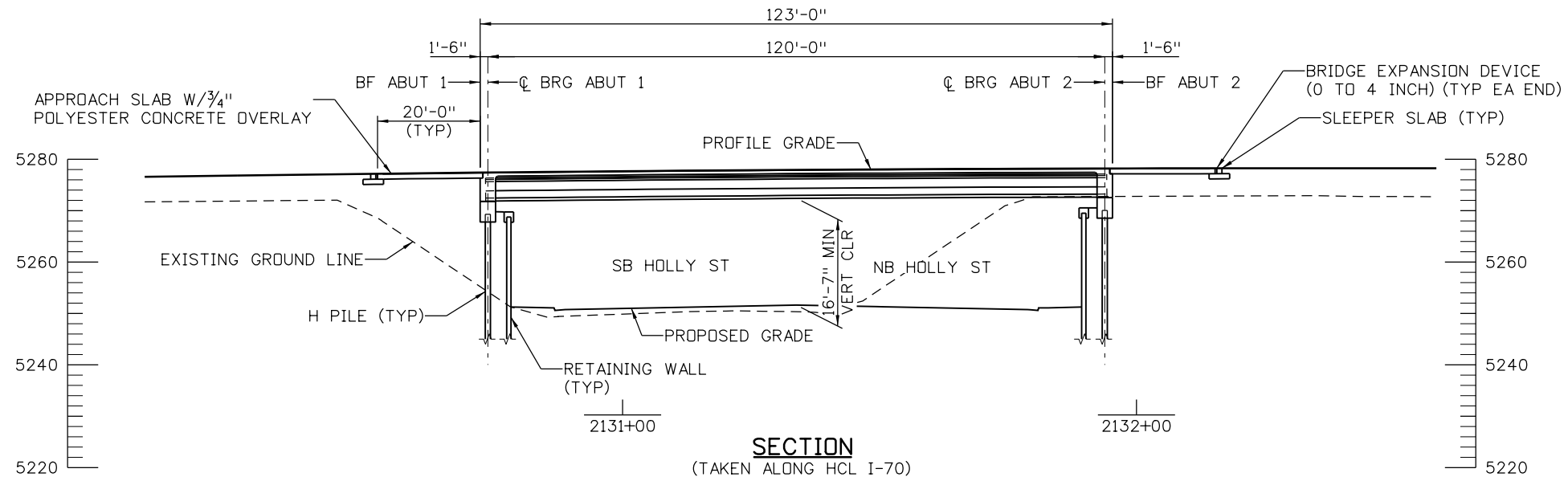
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Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE



Print Date: 5/24/2017	Sheet Revisions			Colorado Department of Transportation		As Constructed		I-70 OVER HOLLY ST GENERAL LAYOUT (1 OF 2)		Project No./Code	
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Staff Bridge Branch - Unit 0226 Unit Leader DDG				Region 1		Void:		Sheet Subset: BRIDGE		Subset Sheets: B01 of 03	
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SECTION
(TAKEN ALONG HCL I-70)

Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE

Print Date: 5/24/2017
 File Name: 13599BRDG_Holly_GenLay-2
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 Staff Bridge Branch - Unit 0226 Unit Leader DDG

5280 Connectors
 Linking I-70 Communities

Sheet Revisions		
Date:	Comments	Init.

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Region 1 JKE

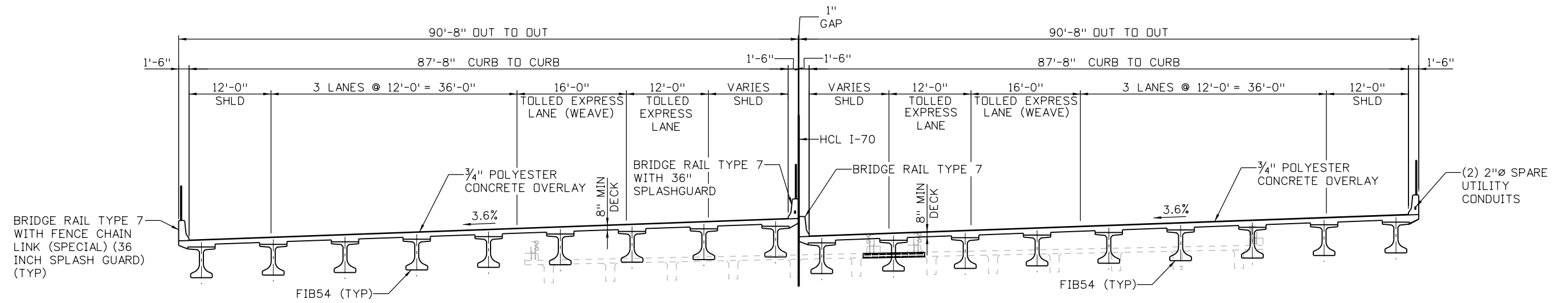
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No Revisions:
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**I-70 OVER HOLLY ST
 GENERAL LAYOUT
 (2 OF 2)**

Designer: J ROBERTS	Structure Numbers: E-17-AFH
Detailer: K. KATHRINEBERG	E-17-AFI
Sheet Subset: BRIDGE	Subset Sheets: B02 of 03

Project No./Code
FBR 0704-234
19631
Sheet Number STR-35

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TYPICAL SECTION
(LOOKING AHEAD STATION)

Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE

Print Date: 5/24/2017
 File Name: 13599BRDG_Holly_TypSec.dgn
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 Staff Bridge Branch - Unit 0226 Unit Leader DDG

5280 Connectors
 Linking I-70 Communities

Sheet Revisions		
Date:	Comments	Init.

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Region 1 JKE

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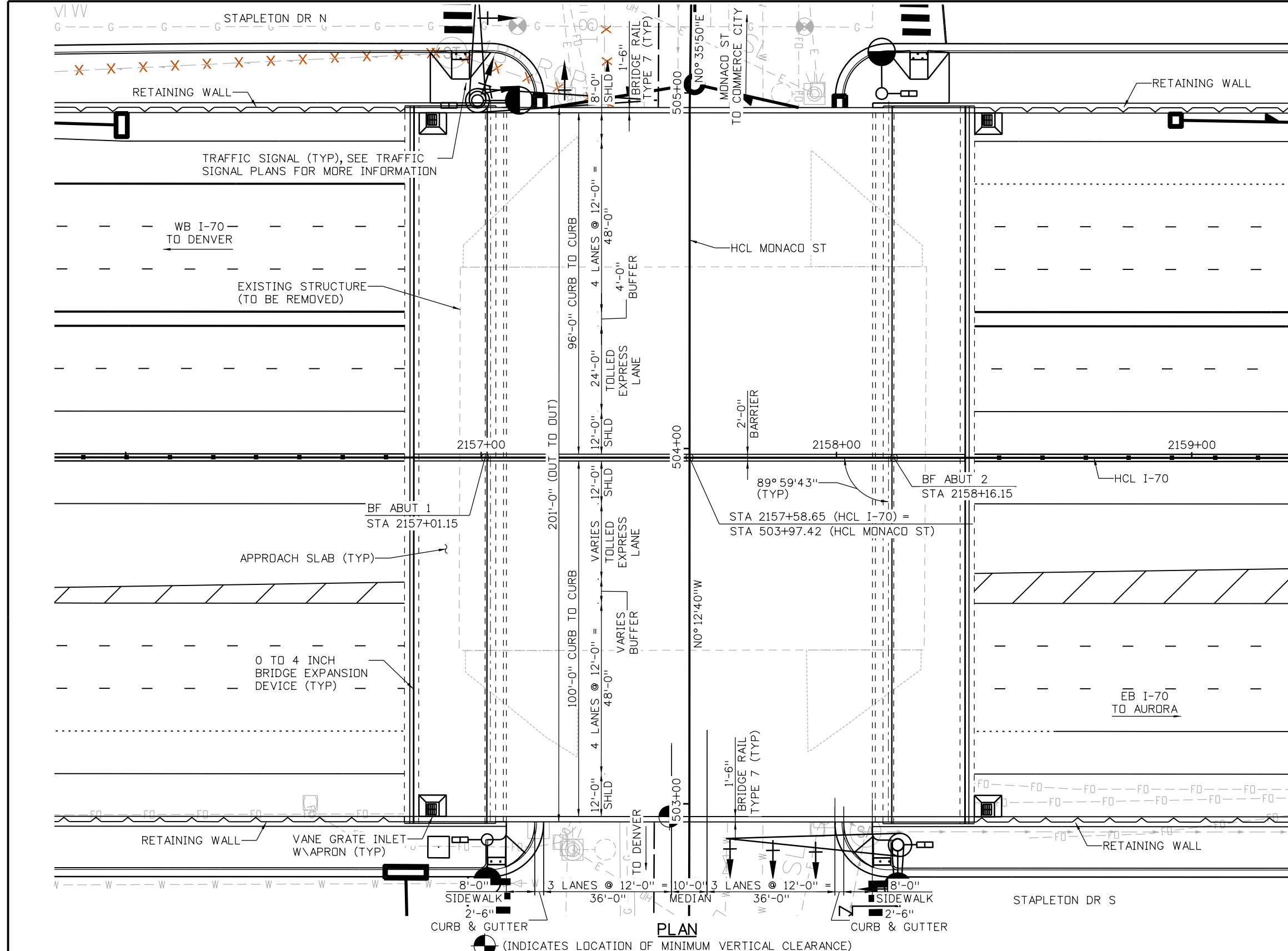
I-70 OVER HOLLY ST
TYPICAL SECTION

Designer: J ROBERTS	Structure Numbers: E-17-AFH
Detailer: K KATHRINEBERG	E-17-AFI
Sheet Subset: BRIDGE	Subset Sheets: B03 of 03

Project No./Code
FBR 0704-234
19631
Sheet Number STR-36

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Print Date: 5/24/2017
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 Staff Bridge Branch - Unit 0226 Unit Leader DDG

Sheet Revisions		
Date:	Comments	Init.

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 2000 South Holly Street
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 Region 1
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As Constructed
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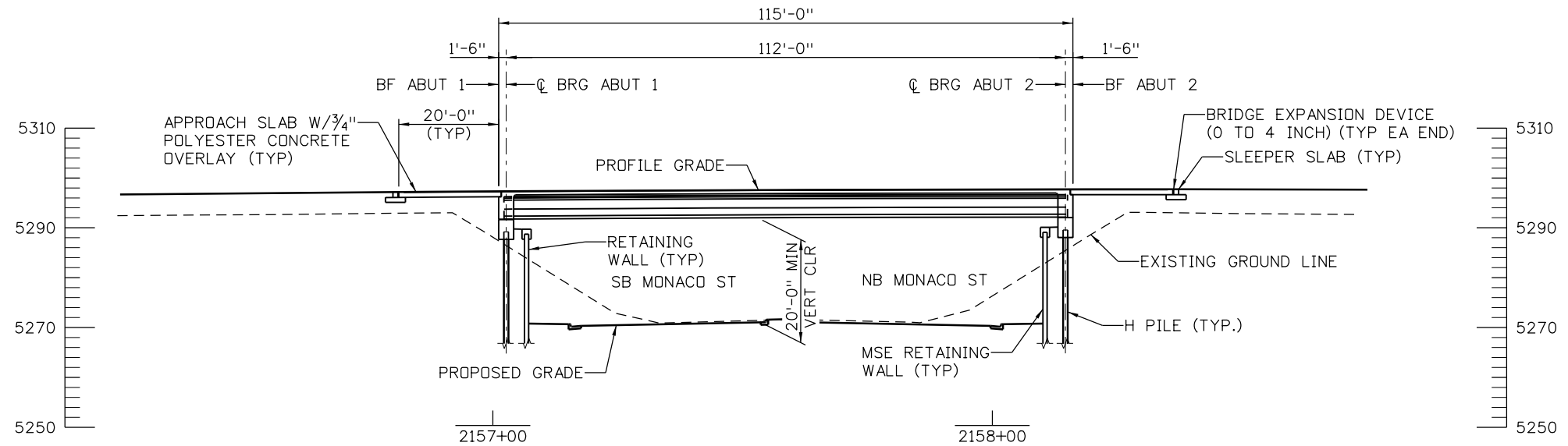
I-70 OVER MONACO ST
 GENERAL LAYOUT
 (1 OF 2)

Designer: J ROBERTS	Structure Numbers: E-17-AFJ
Detailer: K KATHRINEBERG	
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Project No./Code
 FBR 0704-234
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 Sheet Number STR-37



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SECTION
(TAKEN ALONG HCL I-70)

Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE

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 Scale: 1:30
 Staff Bridge Branch - Unit 0226 Unit Leader DDG

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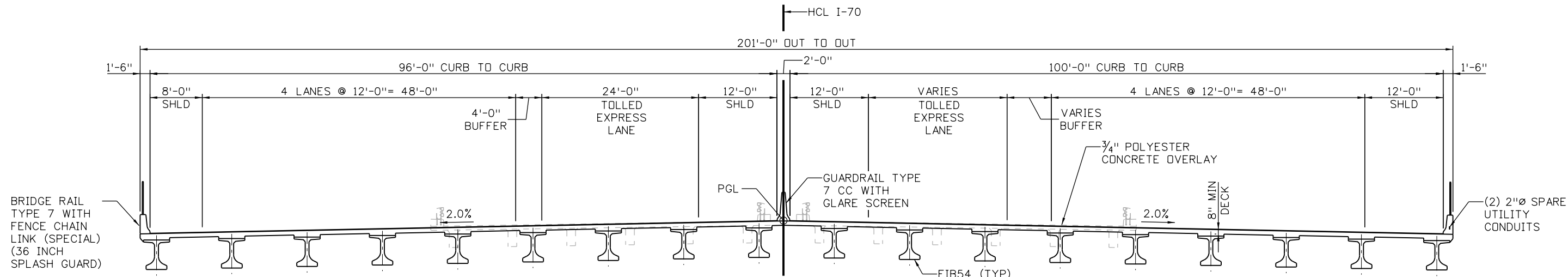
Region 1 JKE

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**I-70 OVER MONACO ST
GENERAL LAYOUT
(2 OF 2)**

Designer: J ROBERTS	Structure Numbers	E-17-AFJ
Detailer: K KATHRINEBERG		
Sheet Subset: BRIDGE	Subset Sheets: B02 of 03	

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Sheet Number STR-38

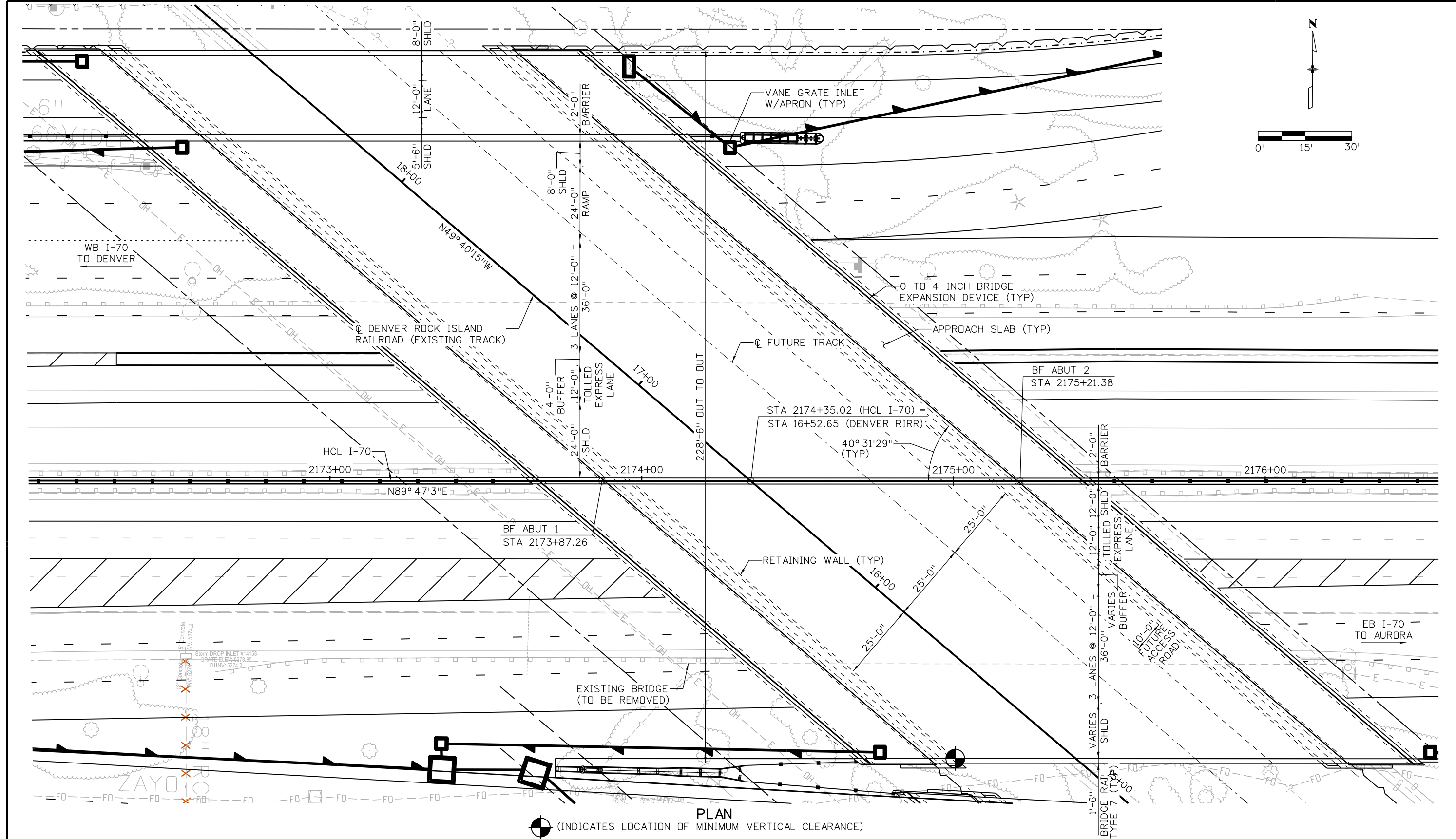


TYPICAL SECTION
(LOOKING AHEAD STATION)

Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE

Print Date: 5/24/2017		Sheet Revisions			Colorado Department of Transportation		As Constructed		I-70 OVER MONACO ST TYPICAL SECTION		Project No./Code		
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Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE

PLAN

(INDICATES LOCATION OF MINIMUM VERTICAL CLEARANCE)

Print Date: 5/24/2017
 File Name: 13599BRDG_I-70overRIRR_GenLay-1.dgn
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 Staff Bridge Branch - Unit 0226 Unit Leader DDG

Sheet Revisions		
Date:	Comments	Init.

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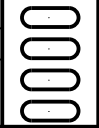
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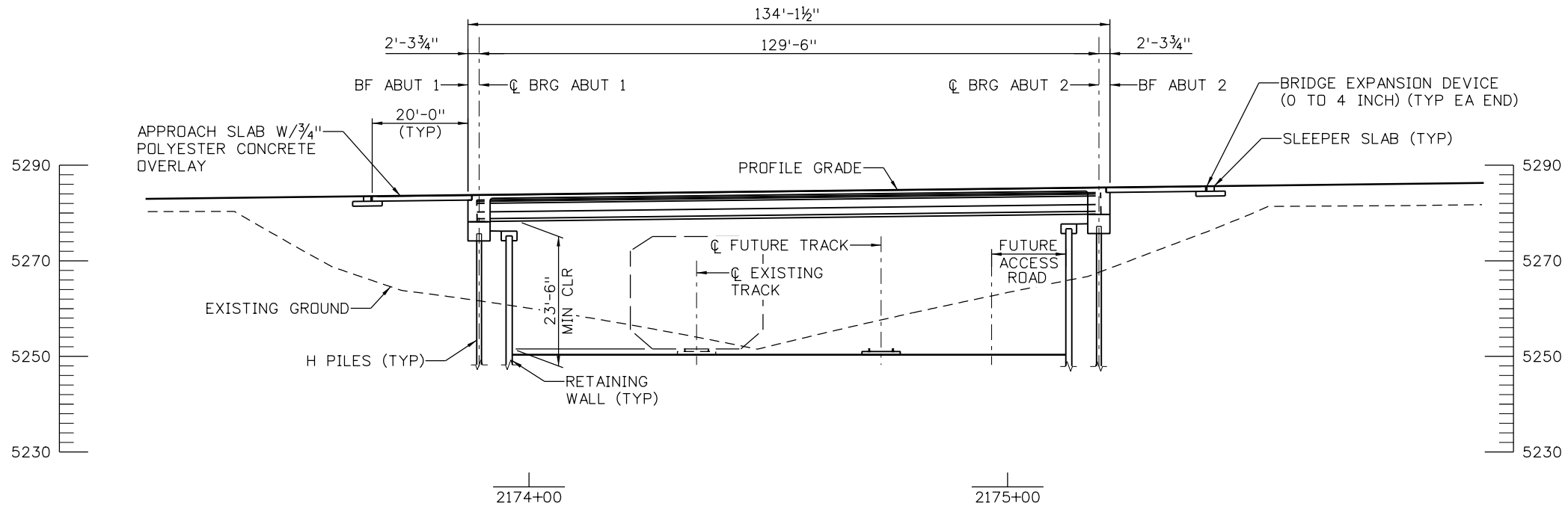
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I-70 OVER DENVER ROCK ISLAND RAILROAD
GENERAL LAYOUT (1 OF 2)

Designer: J ROBERTS Structure Numbers: E-17-AFN
 Detailer: K KATHRINEBERG
 Sheet Subset: BRIDGE Subset Sheets: B01 of 03

Project No./Code: FBR 0704-234
 19631
 Sheet Number: STR-40





SECTION
(TAKEN ALONG HCL I-70)

Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE

Sheet Revisions		
Date:	Comments	Init.
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Region 1 **JKE**

As Constructed

No Revisions:

Revised:

Void:

I-70 OVER DENVER ROCK ISLAND RAILROAD GENERAL LAYOUT (2 OF 2)

Designer: J ROBERTS Structure Numbers E-17-AFN

Detailer: K KATHRINEBERG

Sheet Subset: BRIDGE Subset Sheets: B02 of 03

Project No./Code

FBR 0704-234

19631

Sheet Number **STR-41**

Print Date: 5/24/2017

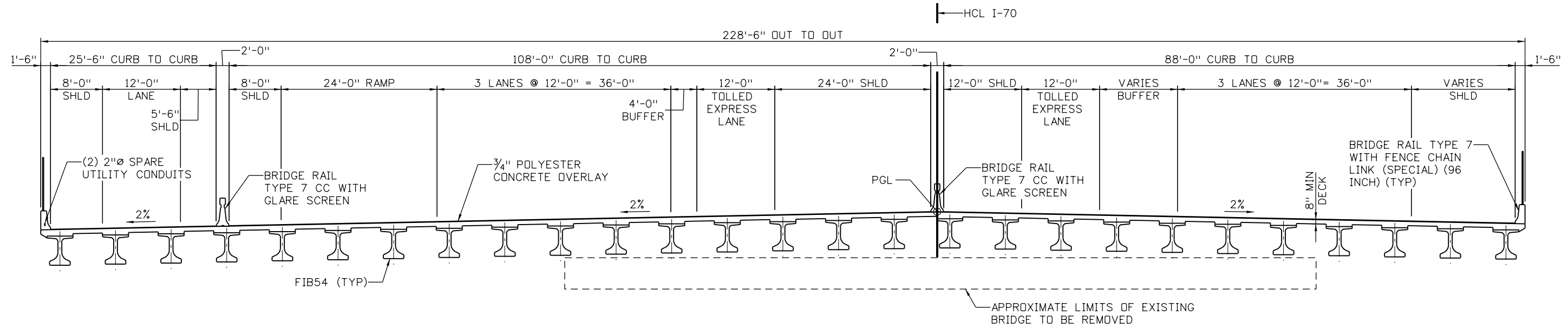
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Scale: 1:30

Staff Bridge Branch - Unit 0226 Unit Leader DDG

5280 Connectors Linking I-70 Communities

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TYPICAL SECTION
(LOOKING AHEAD STATION)


Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE

Print Date: 5/24/2017
 File Name: 13599BRDG_I-70overRIRR_TypSec.dgn
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 Staff Bridge Branch - Unit 0226 Unit Leader DDG

5280 Connectors
Linking I-70 Communities

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation



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Region 1 JKE

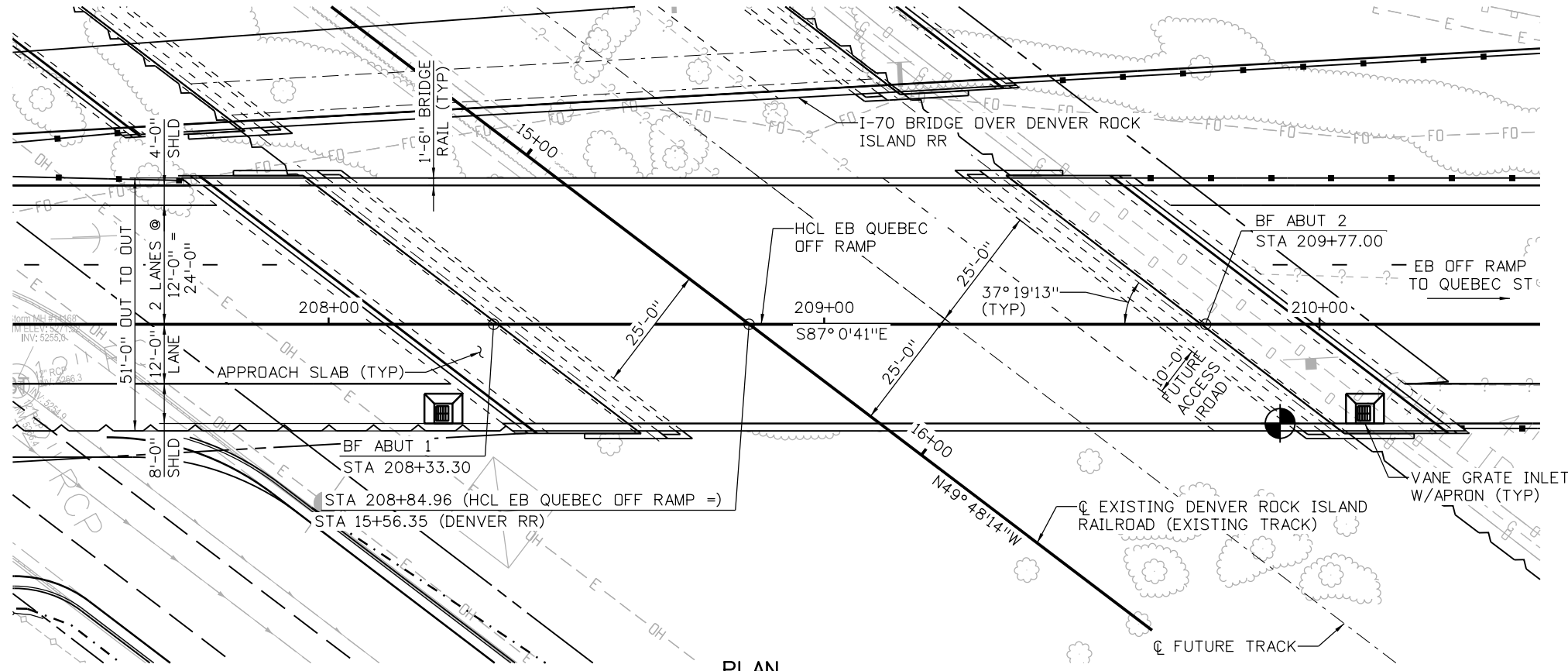
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I-70 OVER DENVER ROCK ISLAND RAILROAD TYPICAL SECTION

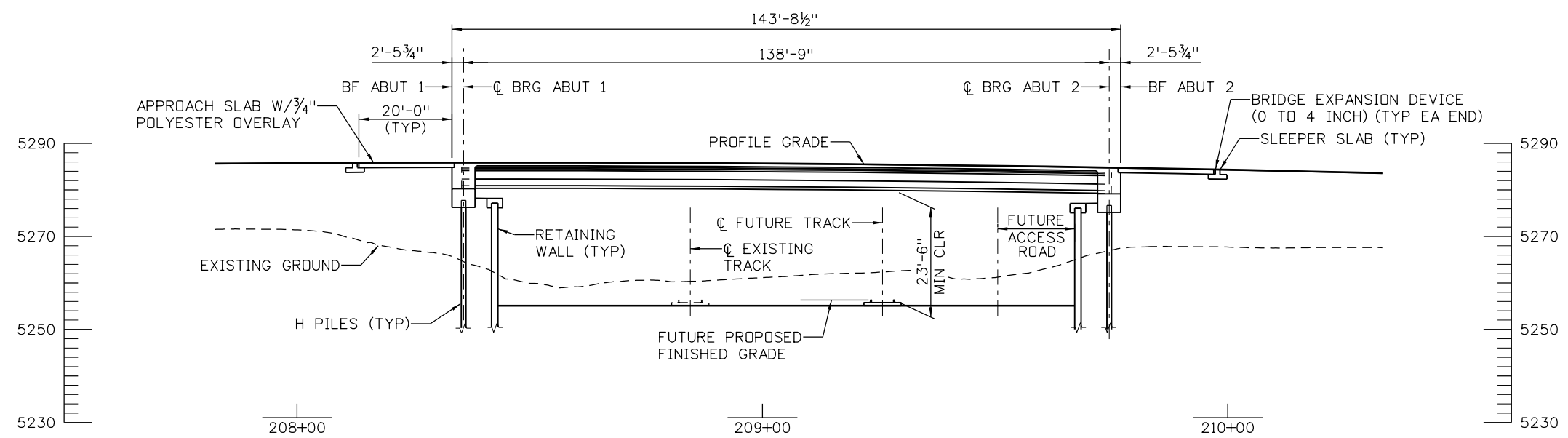
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Project No./Code
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19631
Sheet Number STR-42

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PLAN
 (INDICATES POINT OF MINIMUM VERTICAL CLEARANCE)



Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE

Print Date: 5/24/2017
 File Name: 13599BRDG_QuebecRamp_GenLay.dgn
 Scale: 1:30
 Staff Bridge Branch - Unit 0226 Unit Leader DDG

5280 Connectors
 Linking I-70 Communities

Sheet Revisions		
Date:	Comments	Init.

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Region 1 JKE

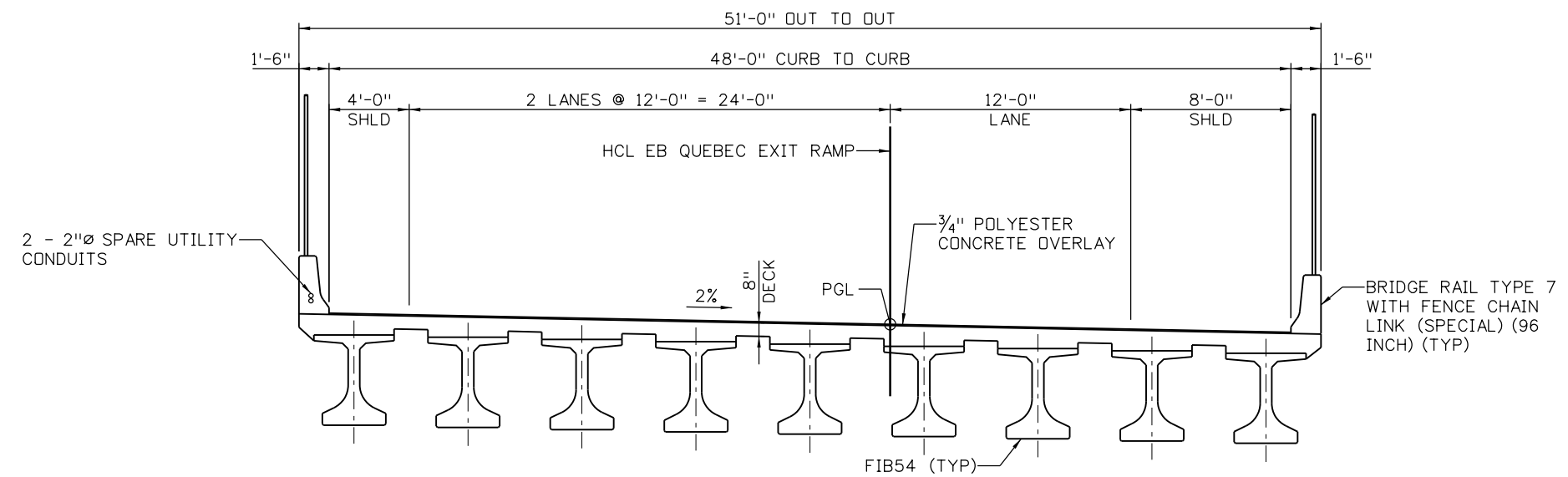
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**EB QUEBEC EXIT RAMP
 OVER DENVER ROCK ISLAND RR
 GENERAL LAYOUT**

Designer: J ROBERTS Structure E-17-ADT
 Detailer: K KATHRINEBERG Numbers
 Sheet Subset: BRIDGE Subset Sheets: B01 of 02

Project No./Code
FBR 0704-234
19631
Sheet Number STR-43

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TYPICAL SECTION
(LOOKING AHEAD STATION)


Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE

Print Date: 5/24/2017
 File Name: 13599BRDG_QuebecRamp_TypSec.dgn
 Scale: 1:1
 Staff Bridge Branch - Unit 0226 Unit Leader DDG

5280 Connectors
Linking I-70 Communities

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation



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Region 1 JKE

As Constructed
No Revisions:
Revised:
Void:

**EB QUEBEC EXIT RAMP
OVER DENVER ROCK ISLAND RR
TYPICAL SECTION**

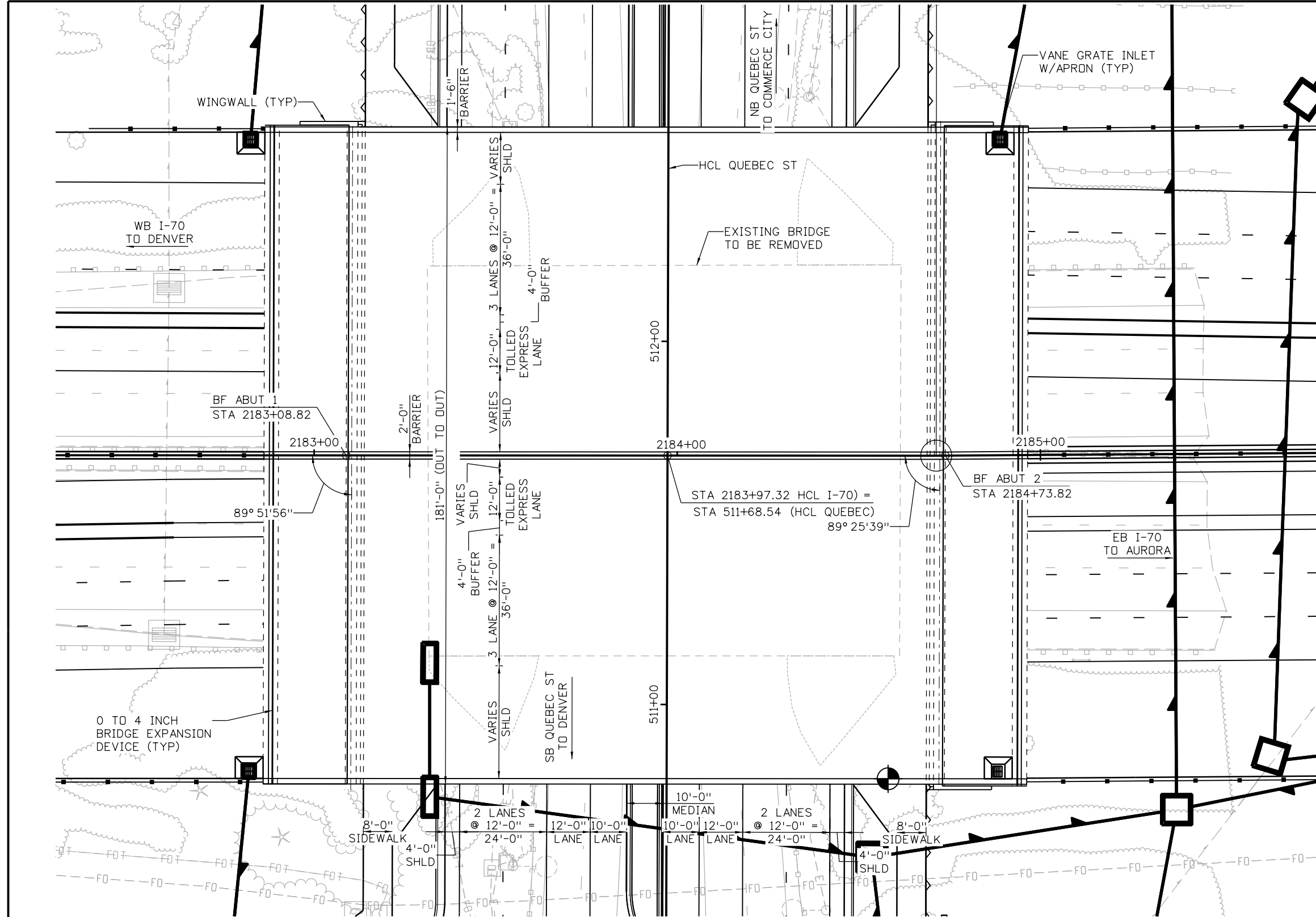
Designer: J ROBERTS
 Detailer: K KATHRINEBERG
 Sheet Subset: BRIDGE

Structure Numbers: E-17-ADT
 Subset Sheets: B02 of 02

Project No./Code
FBR 0704-234
19631
Sheet Number STR-44

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Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE



PLAN

INDICATES LOCATION OF MINIMUM VERTICAL CLEARANCE

NOTE:
1. FOR ADDITIONAL HORIZONTAL VERTICAL GEOMETRY, SEE ROADWAY PLANS.

Print Date: 5/24/2017
 File Name: 13599BRDG_Quebec_GenLay-1
 Scale: 1:30
 Staff Bridge Branch - Unit 0226 Unit Leader DDG

5280 Connectors
 Linking I-70 Communities

Sheet Revisions		
Date:	Comments	Init.

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As Constructed
No Revisions:
Revised:
Void:

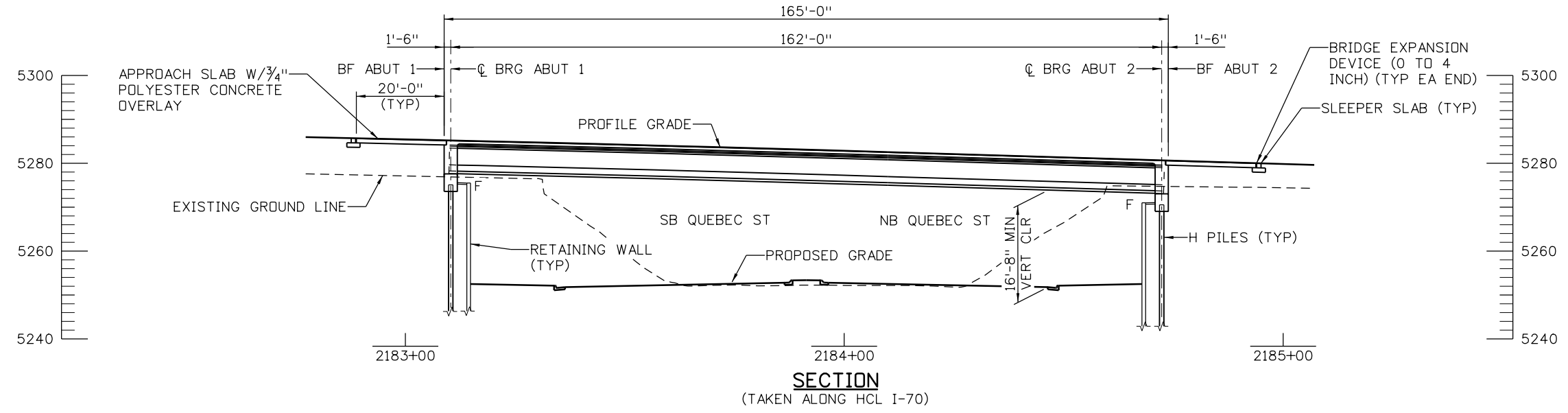
**I-70 OVER QUEBEC ST
 GENERAL LAYOUT
 (1 OF 2)**

Designer: J ROBERTS
 Detailer: K KATHRINEBERG
 Sheet Subset: BRIDGE

Structure Numbers: E-17-AFQ
 Subset Sheets: B01 of 03

Project No./Code
FBR 0704-234
19631
Sheet Number STR-45

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Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE

Print Date: 5/24/2017

File Name: 13599BRDG_Quebec_GenLay-2


Scale: 1:30

Staff Bridge Branch - Unit 0226 Unit Leader DDG

5280 Connectors
Linking I-70 Communities

Sheet Revisions		
Date:	Comments	Init.

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As Constructed
No Revisions:
Revised:
Void:

**I-70 OVER QUEBEC ST
GENERAL LAYOUT
(2 OF 2)**

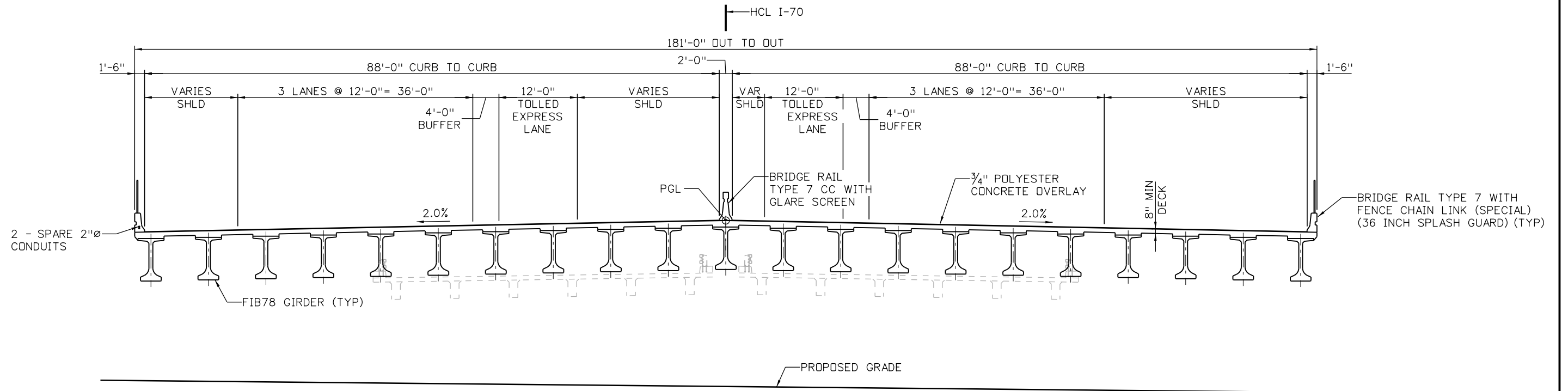
Designer: J ROBERTS Structure Numbers: E-17-AFQ

Detailer: K KATHRINEBERG

Sheet Subset: BRIDGE Subset Sheets: B02 of 03


Project No./Code
FBR 0704-234
19631
Sheet Number STR-46

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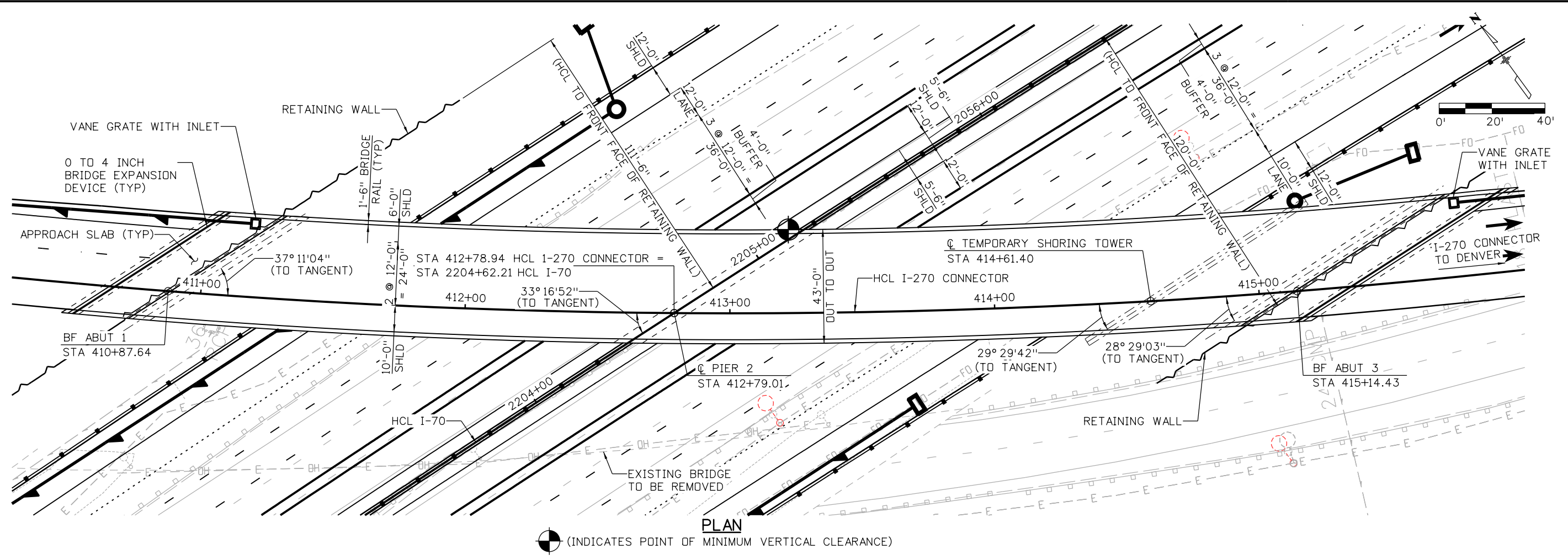


TYPICAL SECTION
 (LOOKING AHEAD STATION)

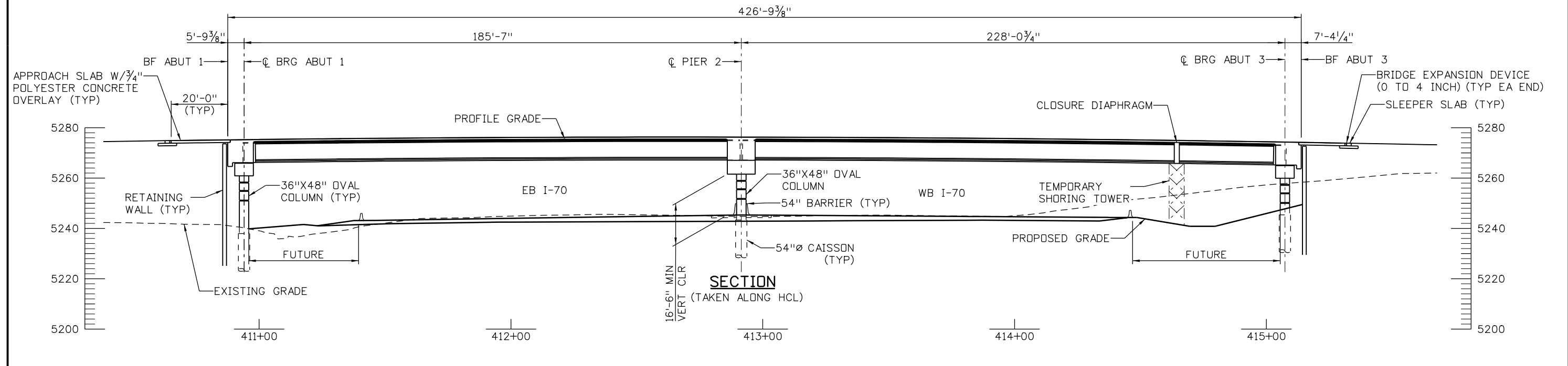
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Print Date: 5/24/2017	 Region 1	Sheet Revisions		As Constructed No Revisions: Revised: Void:	I-70 OVER QUEBEC ST TYPICAL SECTION		Project No./Code FBR 0704-234 19631 Sheet Number STR-47	
File Name: 13599BRDG_Quebec_TypSec.dgn		Date:	Comments:		Init.	Designer: J ROBERTS		Structure Numbers: E-17-AFQ
Scale: 1:1						Detailer: K KATHRINEBERG		
Staff Bridge Branch - Unit 0226	Unit Leader DDG			Colorado Department of Transportation 2000 South Holly Street Denver, CO 80222 Phone: 303-757-9295 FAX: 303-757-9963	Sheet Subset: BRIDGE	Subset Sheets: B03 of 03		

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Design		Detail		Quantity	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE
Designed By		Detailed By		Checked By	
Checked By		Checked By		Checked By	



Print Date: 5/24/2017
File Name: 13599BRDG_I-270 Connector_GenLay
Scale: 1:40
Staff Bridge Branch - Unit 0226 Unit Leader DDG
5280 Connectors Linking I-70 Communities

Sheet Revisions			
Date:	Comments	Init.	

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Region 1

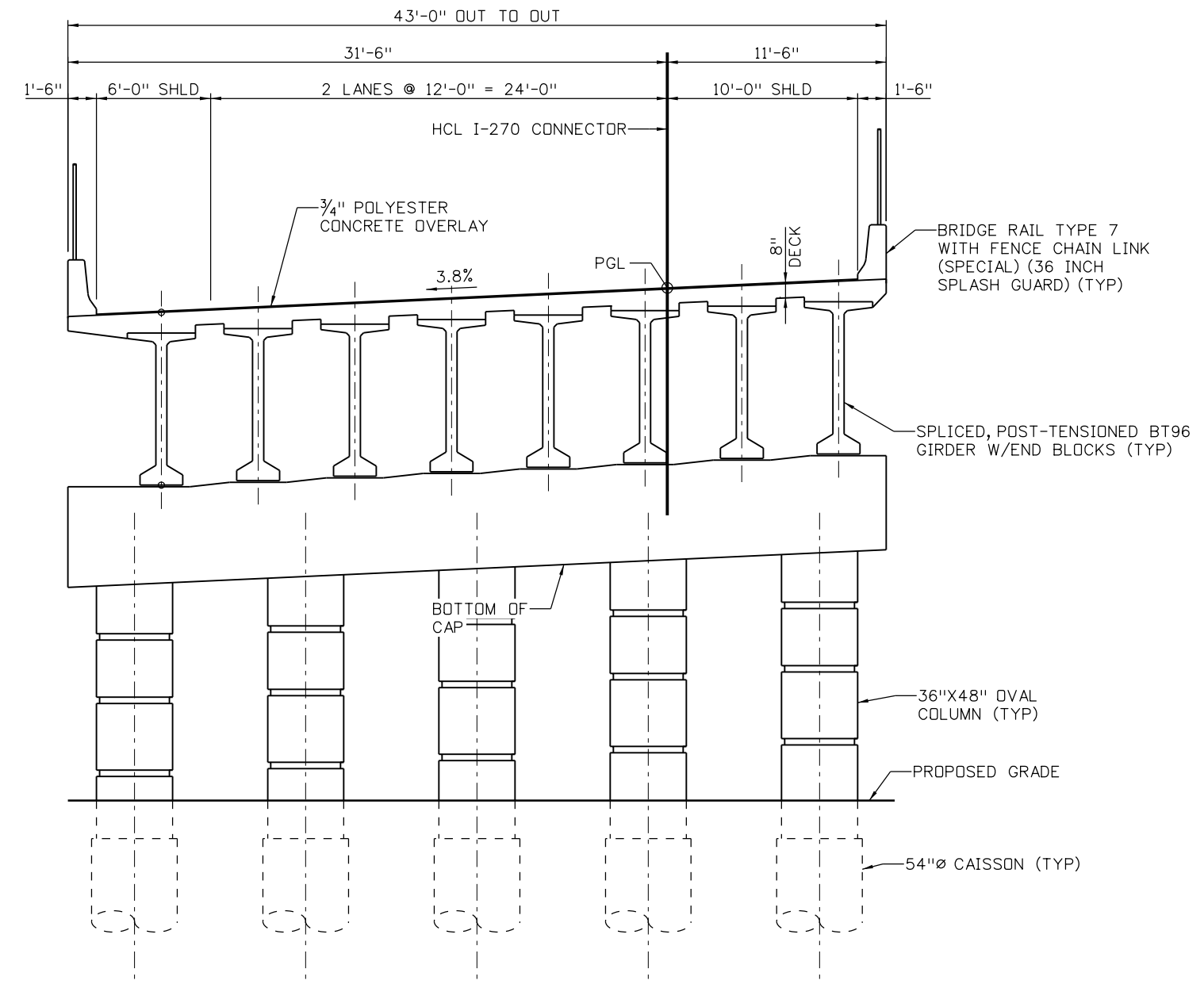
As Constructed
No Revisions:
Revised:
Void:

I-270 EB CONNECTOR BRIDGE OVER I-70 GENERAL LAYOUT			
Designer: B HARRIS	Structure: E-17-AFS		
Detailer: K KATHRINEBERG	Numbers:		
Sheet Subset: BRIDGE	Subset Sheets: B01 of 02		

Project No./Code
FBR 0704-234
19631
Sheet Number STR-48

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Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE



TYPICAL SECTION
 (LOOKING AHEAD STATION)
 (PIER 2 SHOWN, ABUTMENTS 1 & 3 SIMILAR)

Print Date: 5/24/2017
 File Name: 13599BRDG_I-270 Connector_TypSec
 Scale: 1:1
 Staff Bridge Branch - Unit 0226 Unit Leader DDG

5280 Connectors
 Linking I-70 Communities

Sheet Revisions		
Date:	Comments	Init.

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Region 1 JKE

As Constructed
No Revisions:
Revised:
Void:

I-270 EB CONNECTOR BRIDGE OVER I-70 TYPICAL SECTION

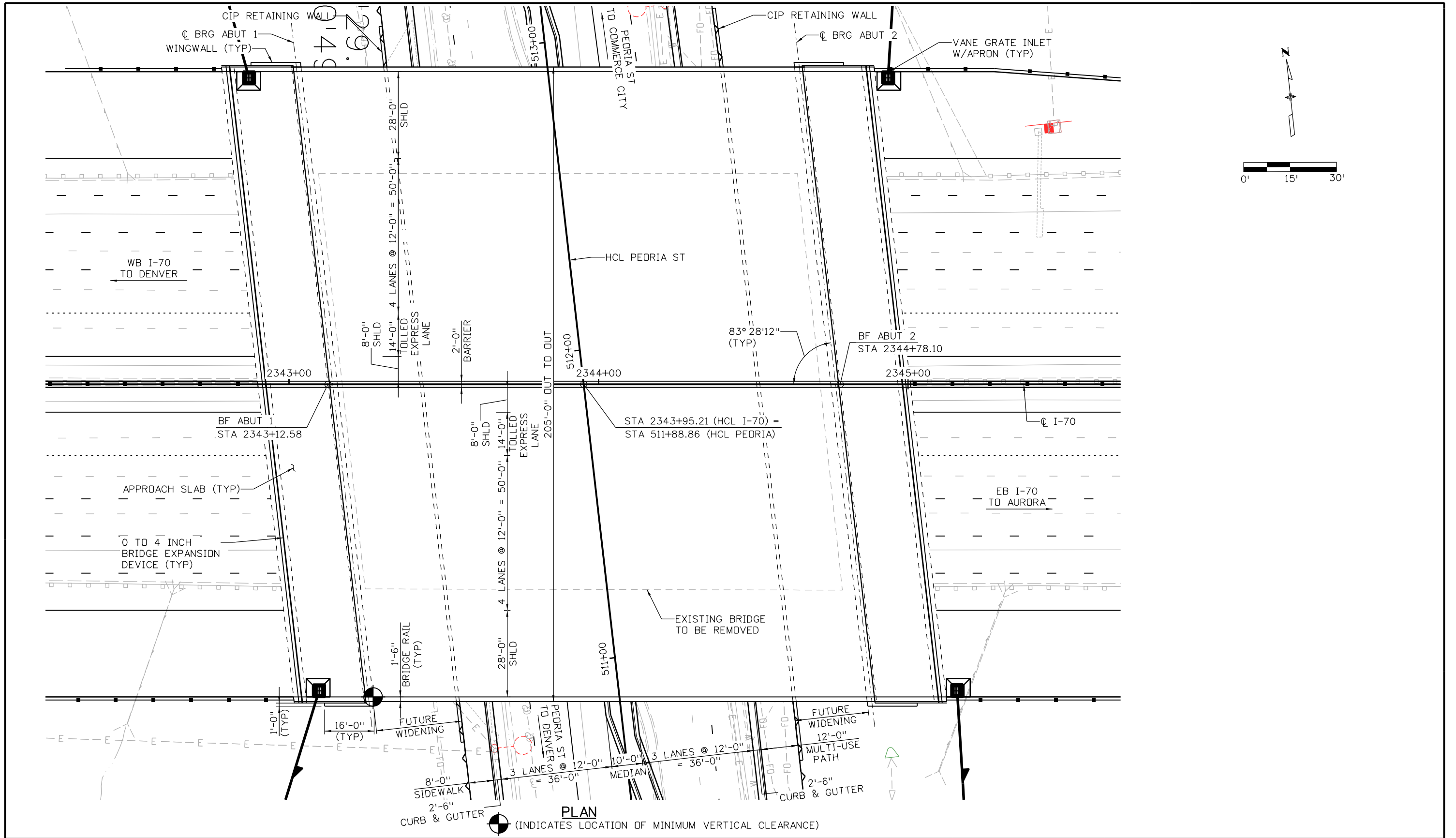
Designer: B HARRIS
 Detailer: K KATHRINEBERG
 Sheet Subset: BRIDGE

Structure Numbers: E-17-AFS
 Subset Sheets: B02 of 02

Project No./Code
 FBR 0704-234
 19631
 Sheet Number **STR-49**

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Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE



PLAN
(INDICATES LOCATION OF MINIMUM VERTICAL CLEARANCE)

Print Date: 5/24/2017
 File Name: 13599BRDG_Peoria_GenLay-1
 Scale: 1:30
 Staff Bridge Branch - Unit 0226 Unit Leader DDG

5280 Connectors
 Linking I-70 Communities

Sheet Revisions		
Date:	Comments	Init.

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Region 1 JKE

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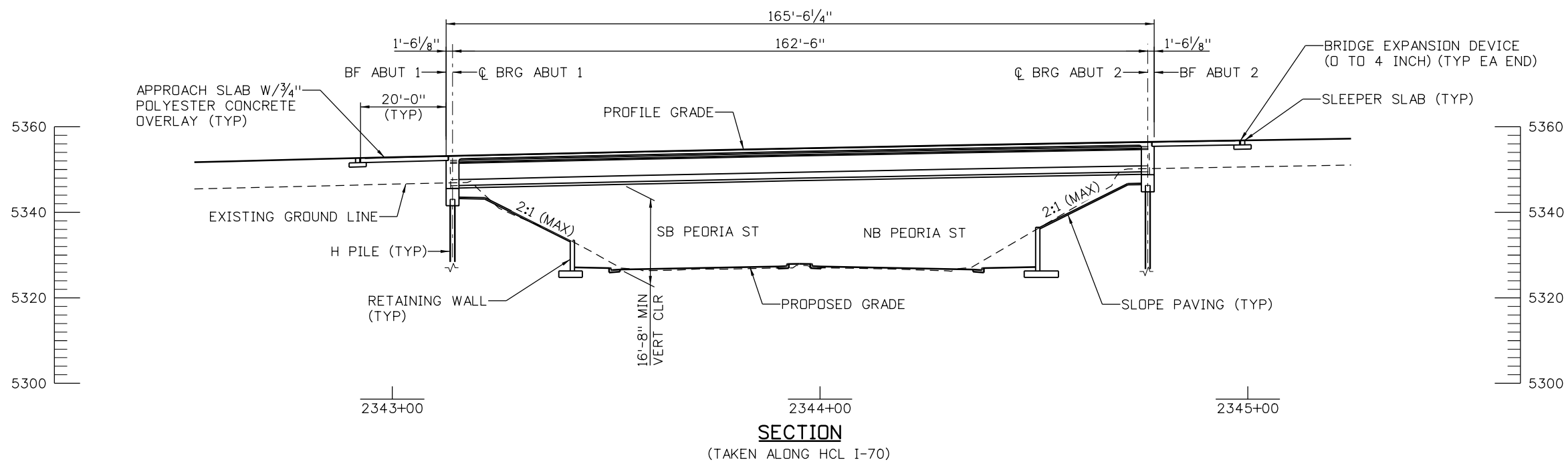
**I-70 OVER PEORIA ST
 GENERAL LAYOUT
 (1 OF 2)**

Designer: J ROBERTS
 Detailer: K KATHRINEBERG
 Sheet Subset: BRIDGE

Structure Numbers: E-17-AFT
 Subset Sheets: B01 of 03

Project No./Code
FBR 0704-234
19631
Sheet Number STR-50

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SECTION
 (TAKEN ALONG HCL I-70)

Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE

Print Date: 5/24/2017
 File Name: 13599BRDG_Peoria_GenLay-2
 Scale: 1:30
 Staff Bridge Branch - Unit 0226 Unit Leader DDG

Sheet Revisions		
Date:	Comments	Init.

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Region 1

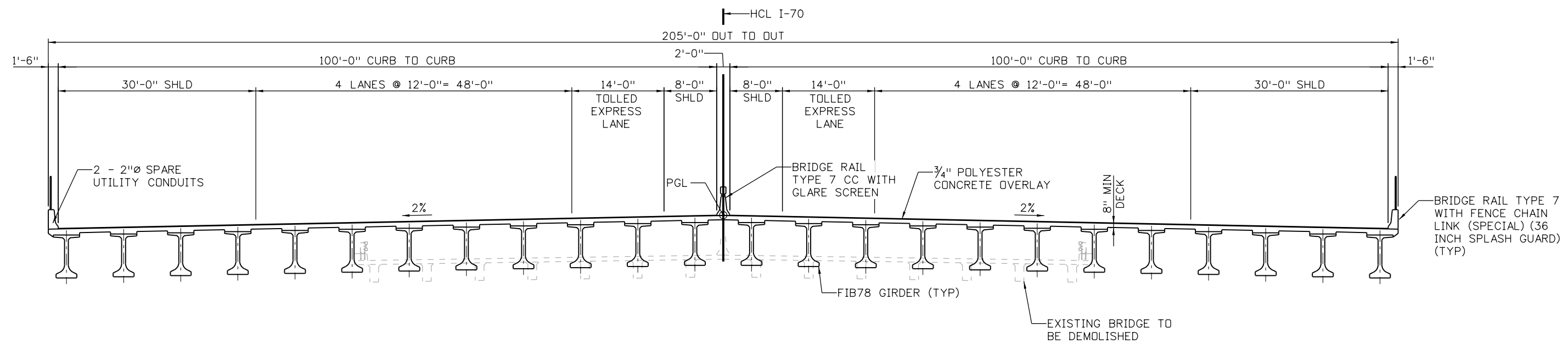
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I-70 OVER PEORIA ST
GENERAL LAYOUT
(2 OF 2)

Designer: J ROBERTS	Structure Numbers: E-17-AFT
Detailer: K KATHRINEBERG	
Sheet Subset: BRIDGE	Subset Sheets: B02 of 03

Project No./Code
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19631
Sheet Number STR-51

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TYPICAL SECTION
(LOOKING AHEAD STATION)


Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE

Print Date: 5/24/2017
 File Name: 13599BRDG_Peoria_TypSec
 Scale: 1:1
 Staff Bridge Branch - Unit 0226 Unit Leader DDG

5280 Connectors
 Linking I-70 Communities

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation



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Region 1 JKE

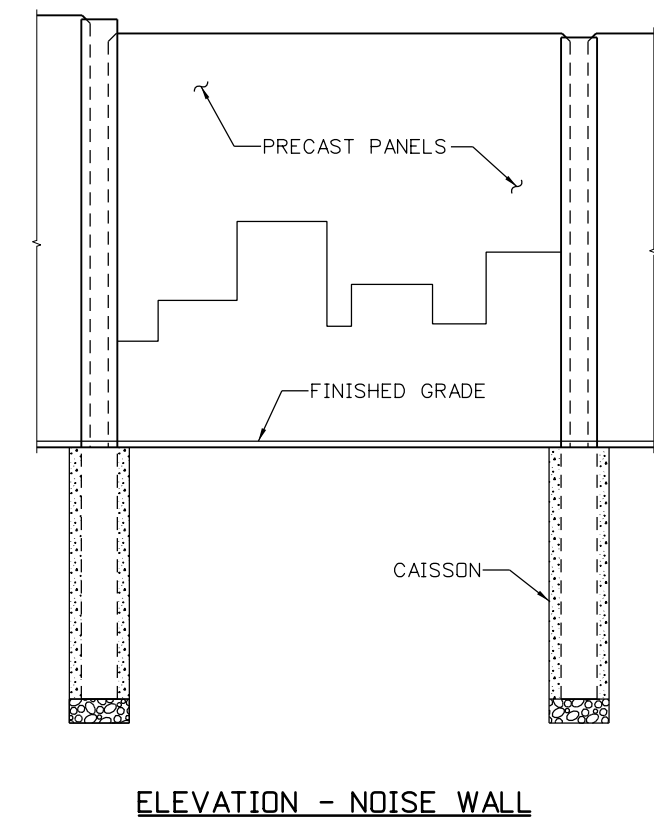
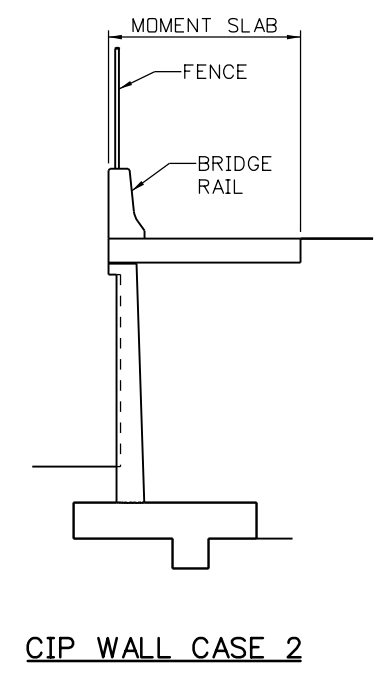
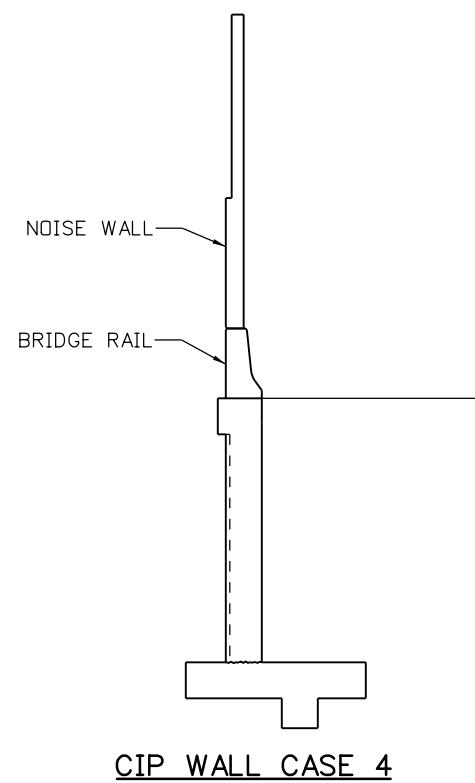
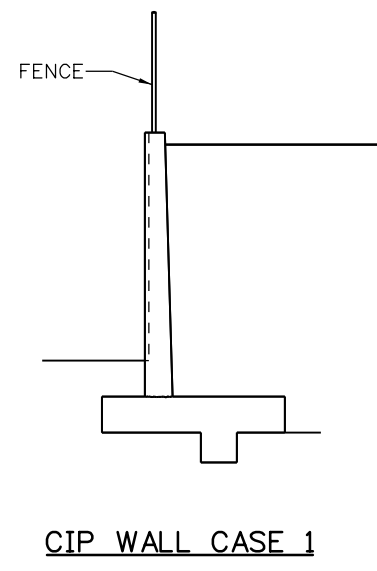
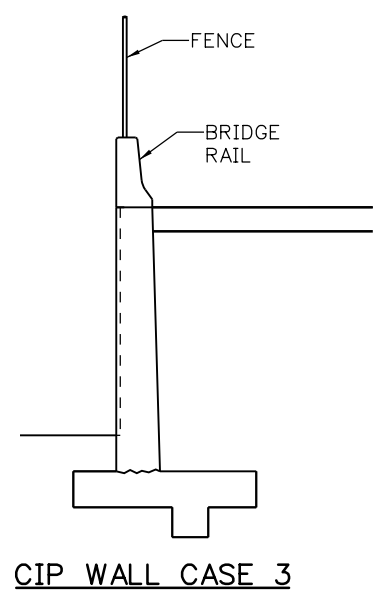
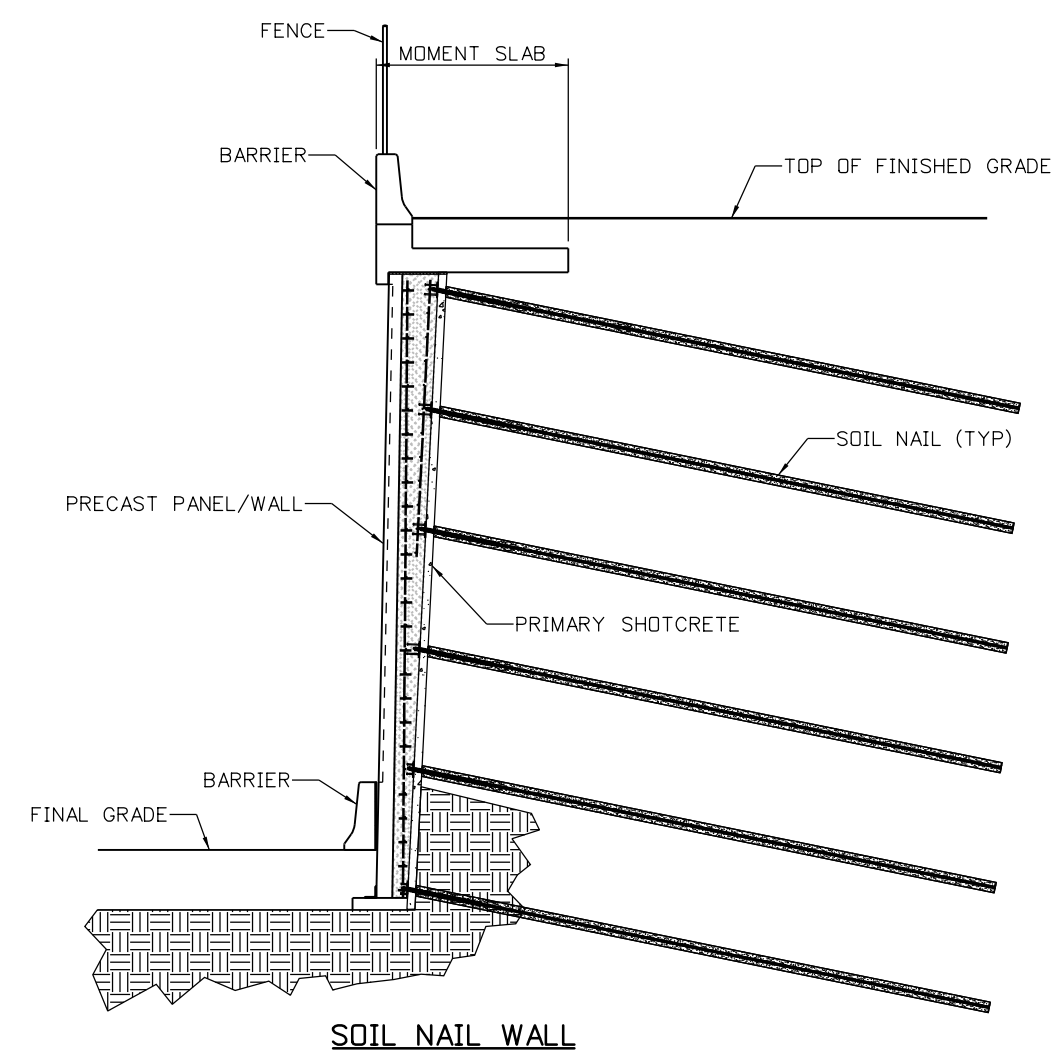
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Revised:
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I-70 OVER PEORIA ST TYPICAL SECTION			
Designer: J ROBERTS	Structure Numbers	E-17-AFT	
Detailer: K KATHRINEBERG			
Sheet Subset: BRIDGE	Subset Sheets: B03 of 03		

Project No./Code
FBR 0704-234
19631
Sheet Number STR-52

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Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE



Print Date: 5/24/2017
 File Name: 13599BRDG_CIPWall_01.dgn
 Scale: 1:1
 Staff Bridge Branch - Unit 0226 Unit Leader DDG

5280 Connectors
 Linking I-70 Communities

Sheet Revisions		
Date:	Comments	Init.

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Region 1 JKE

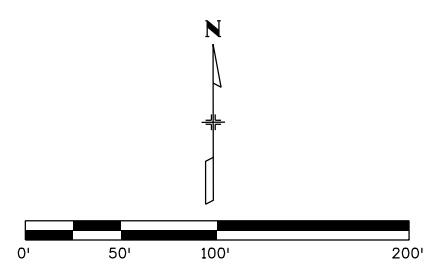
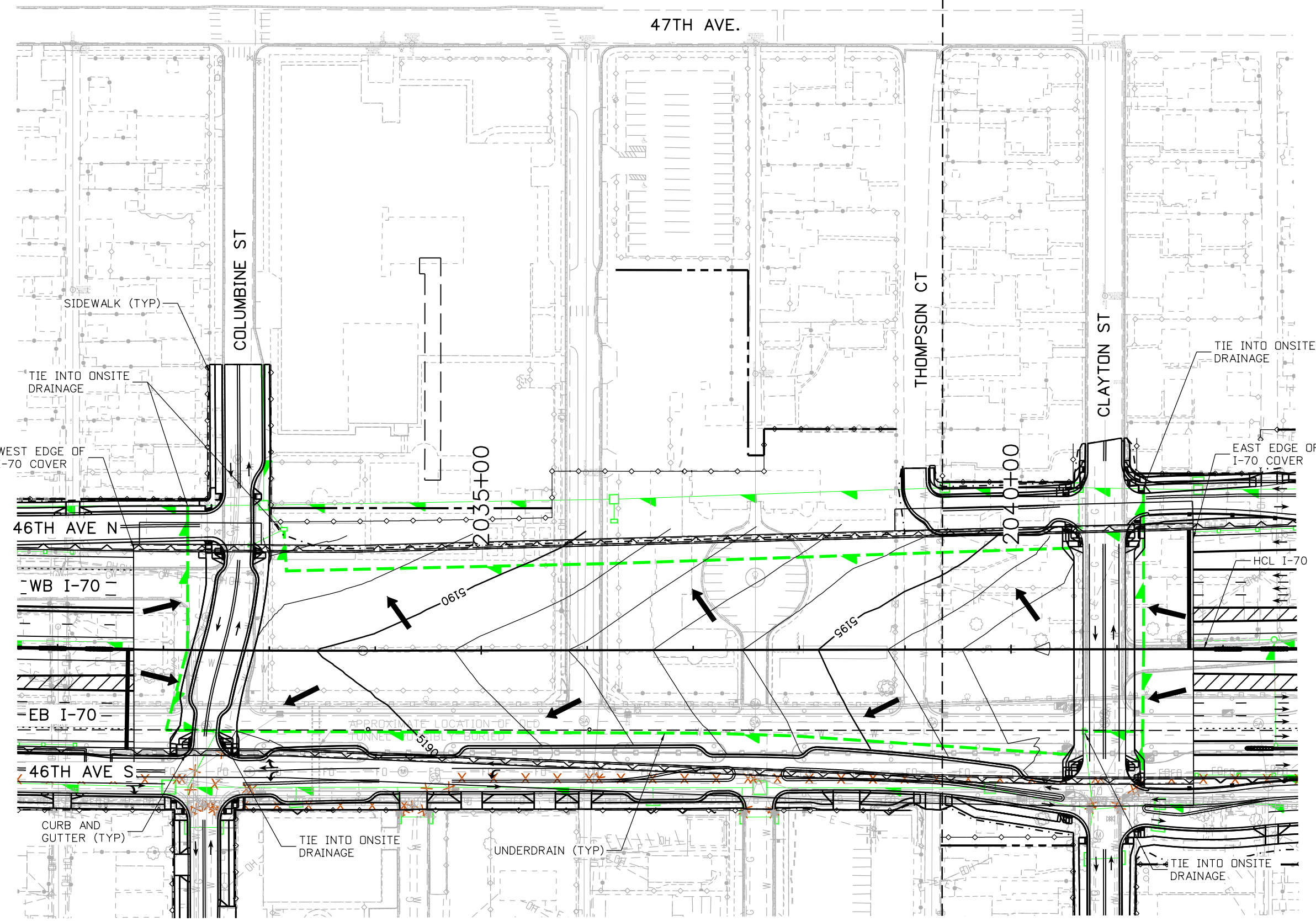
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CAST-IN-PLACE WALLS	
Designer: D FREEMAN	Structure Numbers
Detailer: K KATHRINEBERG	
Sheet Subset: WALL	Subset Sheets: of

Project No./Code
FBR 0704-234
19631
Sheet Number STR-53



**DRAFT COVER & SWANSEA ELEMENTARY SCHOOL LANDSCAPE
AND AESTHETIC DESIGN DRAWINGS**



AVANCE 3:20:37 PM P:\PWAPPD\MA01\NorthCentral\Omaha\Documents\424981\MKTG0000083066\6.0_CAD_BIM\6.2_Work_In_Progress\6.2.3_Design\Drawings\19631DES_Cover-GrDr_CS-01.dgn

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Sheet Revisions		
Date:	Comments	Init.

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Region 1

JKE

As Constructed

No Revisions:

Revised:

Void:

I-70 COVER GRADING AND DRAINAGE PLAN	
Designer: D. HYMAS	Structure Numbers
Detailer: M. SCHWAB	
Sheet Subset: ROADWAY	Subset Sheets: 1 of 1

Project No./Code
FBR 0704-234
19631
Sheet Number CS-01



I-70 COVER PLANS

DENVER, COLORADO

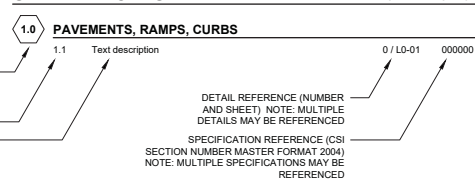
TABLE OF ABBREVIATIONS

APPROX	APPROXIMATE	MH	MANHOLE
ARCH	ARCHITECT	MIN	MINIMUM
AVG	AVERAGE	MISC	MISCELLANEOUS
B&B	BALLED AND BURLAPPED	MTD	MOUNTED
BC	BOTTOM OF CURB	MTL	METAL
BF	BOTTOM OF FOOTING	N	NORTH
BLDG	BUILDING	NIC	NOT IN CONTRACT
BM	BENCHMARK	NO	NUMBER
BOC	BACK OF CURB	NOM	NOMINAL
BR	BOTTOM OF RAMP	NTS	NOT TO SCALE
BRG	BEARING	OC	ON CENTER
BS	BOTTOM OF STEP	OD	OUTSIDE DIAMETER
BW	BOTTOM OF WALL	OPP	OPPOSITE
CAL	CALIPER	PAR	PARALLEL
CAP	CAPACITY	PC	POINT OF CURVATURE
CF	CUBIC FEET	PE	POLYURETHANE
CHAM	CHAMFER	PERF	PERFORATED
CIP	CAST IN PLACE	PEDE	PEDESTRIAN
CJ	CONTROL JOINT	PI	POINT OF INTERSECTION
CL	CENTER LINE	PL	PROPERTY LINE
CLR	CLEARANCE	PT	POINT, POINT OF TANGENCY
CM	CENTIMETER	PVC	POLYVINYL CHLORIDE
CO	CLEAN OUT	PVMT	PAVEMENT
COMP	COMPACTED	PVR	PAVER
CONC	CONCRETE	QTY	QUANTITY
CONST	CONSTRUCTION	R	RADIUS
CONT	CONTIGUOUS	RECEP	RECEPTACLE
CONTR	CONTRACTOR	RE	REFERENCES
CU	CUBIC	REIN	REINFORCE(D)
CY	CUBIC YARD	REM	REMOVE
DBL	DOUBLE	REQD	REQUIRED
DF	DIRECTION OF FLOW	REV	REVISION, REVISED
DEG	DEGREE	ROW	RIGHT OF WAY
DEMO	DEMOLISH, DEMOLITION	RT	RIGHT
DIAM	DIAMETER	S	SOUTH
DIM	DIMENSION	SAN	SANITARY
DTL	DETAIL	SCH	SCHEDULE
DWG	DRAWING	SD	STORM DRAIN
E	EAST	SEC	SECTION
EA	EXPANSION JOINT	SF	SQUARE FOOT (FEET)
EJ	EXPANSION JOINT	SHT	SHEET
EL	ELEVATION	SI	STORM INLET
ELEC	ELECTRICAL	SIM	SIMILAR
ENG	ENGINEER	SNT	SEALANT
EQ	EQUAL	SPECS	SPECIFICATIONS
EQUIP	EQUIPMENT	SQ	SQUARE
EST	ESTIMATE	ST	STORM SEWER
E.W.	EACH WAY	SY	SQUARE YARD
EXIST	EXISTING	STA	STATION
EXP	EXPANSION, EXPOSED	STD	STANDARD
FF	FINISHED FLOOR ELEVATION	STL	STEEL
FG	FINISHED GRADE	STR	STRUCTURAL
FIN	FINISH	SYM	SYMMETRICAL
FL	FLOW LINE	T	TOP AND BOTTOM
FOC	FACE OF CURB	TBC	TOP OF BACK CURB
FT	FOOT (FEET)	TC	TOP OF CURB
GA	GAUGE	TF	TOP OF FOOTING
GAL	GALVANIZED	THK	THICK
GC	GENERAL CONTRACTOR(OR)	TOC	TOP OF CONCRETE
GEN	GENERAL	TOPO	TOPOGRAPHY
HORIZ	HORIZONTAL	TS	TOP OF SLAB
HP	HIGH POINT	TRAS	TRANSFORMER
HT	HEIGHT	TR	TOP OF RAMP
ID	INSIDE DIAMETER	TS	TOP OF STEP
INV	INVERT ELEVATION	TW	TOP OF WALL
IN	INCH(ES)	TYP	TYPICAL
INCL	INCLUDED	VAR	VARIABLE
INCL	INCLUDED	VERT	VERTICAL
INL	INLET	VEH	VEHICLE
IRR	IRRIGATION	VOL	VOLUME
JT	JOINT	W	WITH
LN	LINEAR	W/O	WITHOUT
LF	LINEAR FEET	WT	WEIGHT
LP	LOW POINT	WL	WEIR LEVEL
LT	LIGHT	WWF	WELDED WIRE FABRIC
MATL	MATERIAL	YD	YARD
MAX	MAXIMUM	@	AT
MEMB	MEMBRANE		

SHEET INDEX (LANDSCAPE SHEETS ONLY)

SHT#	DWG#	TITLE
1	L0.00	COVER SHEET
2	L0.01	PLANNING AREA REFERENCE PLAN
3	L0.02	PROGRAM AREA REFERENCE PLAN
4	L0.03	PLANNING AREA 1 SITE REFERENCE PLAN
5	L0.04	PLANNING AREA 2 SITE REFERENCE PLAN
6	L1.01	LAYOUT AND MATERIAL PLAN
7	L1.02	LAYOUT AND MATERIAL PLAN
8	L1.03	LAYOUT AND MATERIAL PLAN
9	L1.04	LAYOUT AND MATERIAL PLAN
10	L1.05	LAYOUT AND MATERIAL PLAN
11	L1.06	LAYOUT AND MATERIAL PLAN
12	L2.01	DETAILS
13	L2.02	DETAILS
14	L2.03	DETAILS
15	L2.04	DETAILS
16	L2.05	DETAILS
17	L2.06	DETAILS
18	L2.07	DETAILS
19	L2.08	DETAILS
20	L2.10	DETAILS
21	L2.09	DETAILS
22	L2.11	REFERENCE SECTIONS AND ELEVATIONS
23	L2.12	REFERENCE SECTIONS AND ELEVATIONS
24	L2.13	REFERENCE SECTIONS AND ELEVATIONS
25	L2.14	REFERENCE SECTIONS AND ELEVATIONS
26	L2.15	REFERENCE SECTIONS AND ELEVATIONS
27	L2.16	REFERENCE SECTIONS AND ELEVATIONS
28	L2.17	REFERENCE SECTIONS AND ELEVATIONS
29	L3.01	SCHEDULE
30	L3.02	LIGHTING AND FURNISHING PLAN
31	L3.03	LIGHTING AND FURNISHING PLAN
32	L3.04	LIGHTING AND FURNISHING PLAN
33	L3.05	LIGHTING AND FURNISHING PLAN
34	L3.06	LIGHTING AND FURNISHING PLAN
35	L4.01	PLANTING PLAN
36	L4.02	PLANTING PLAN
37	L4.03	PLANTING PLAN
38	L4.04	PLANTING PLAN
39	L4.05	PLANTING PLAN
40	L4.06	PLANTING PLAN

SITE KEYNOTES:



MATERIAL LEGEND

1.1	CIP CONCRETE, SAWCUT JOINTS, STANDARD GRAY	1.8	ASPHALT, INTEGRAL COLOR AND STRIPING
1.2A	CIP CONCRETE PAVING, SAWCUT JOINTS, LIGHT SANDSCAPE FINISH AND INTEGRAL COLOR	1.9	RUBBERIZED PLAY TILE
1.2B	CIP CONCRETE PAVING, SAWCUT JOINTS, MEDIUM SANDSCAPE FINISH, INTEGRAL COLOR	1.10	FIBAR PLAY SURFACE
1.3	CONCRETE UNIT PAVER TYPE 1		
1.4	CONCRETE UNIT PAVER TYPE 2		
1.5	CONCRETE UNIT PAVER TYPE 3		

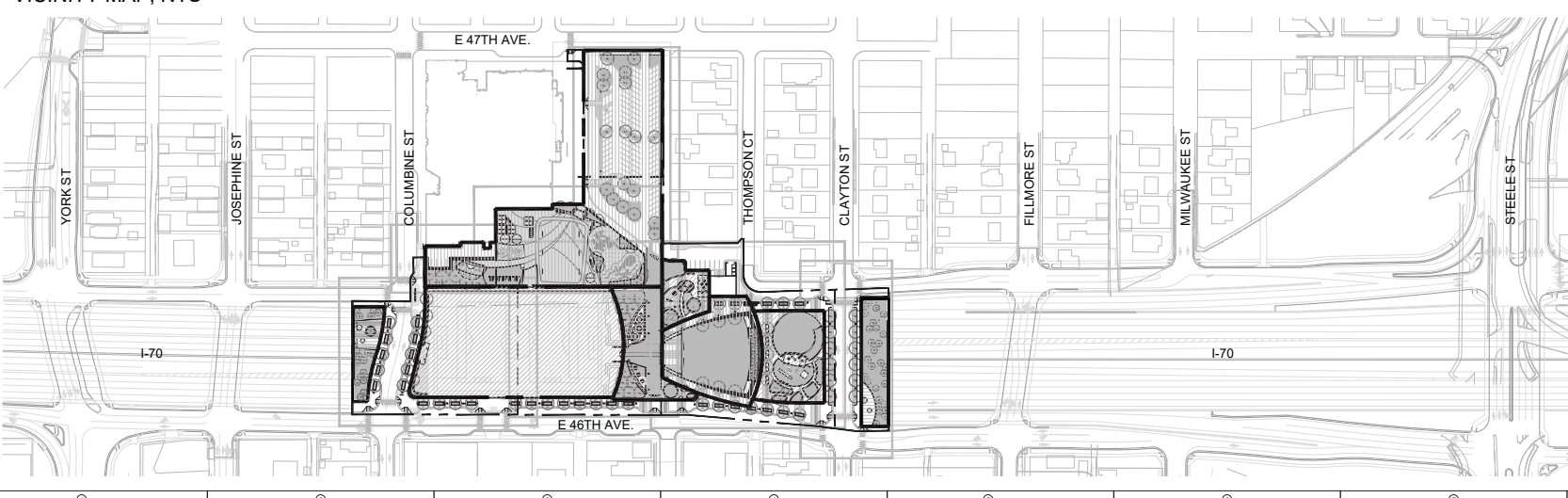
LIGHTING AND FURNISHING LEGEND

7.1	PEDESTRIAN LIGHTING	6.1	PRECAST CONCRETE SEATING POD
7.2	CENTRAL PLAZA LIGHTING	6.2	BIKE RACK
7.3	FIELD LIGHTING	6.3	TABLES AND CHAIRS
7.4	PARKING LOT LIGHTING	6.4	TRASH/RECYCLING RECEPTACLE
7.5	ACCENT LIGHTING	6.5	BENCH
7.6	TREE ACCENT LIGHTING	6.7	REMOVABLE BOLLARD
7.7	ELECTRICAL OUTLET	6.9	DRINKING FOUNTAIN
		6.10	PICNIC TABLE

PLANTING LEGEND

9.1A	9.1B	ORNAMENTAL TREE
9.2A	9.2B	DECIDUOUS TREE
9.3		ENHANCED LANDSCAPE
9.4		TRANSITIONAL LANDSCAPE
9.5		NATURALIZED TURF

VICINITY MAP, NTS

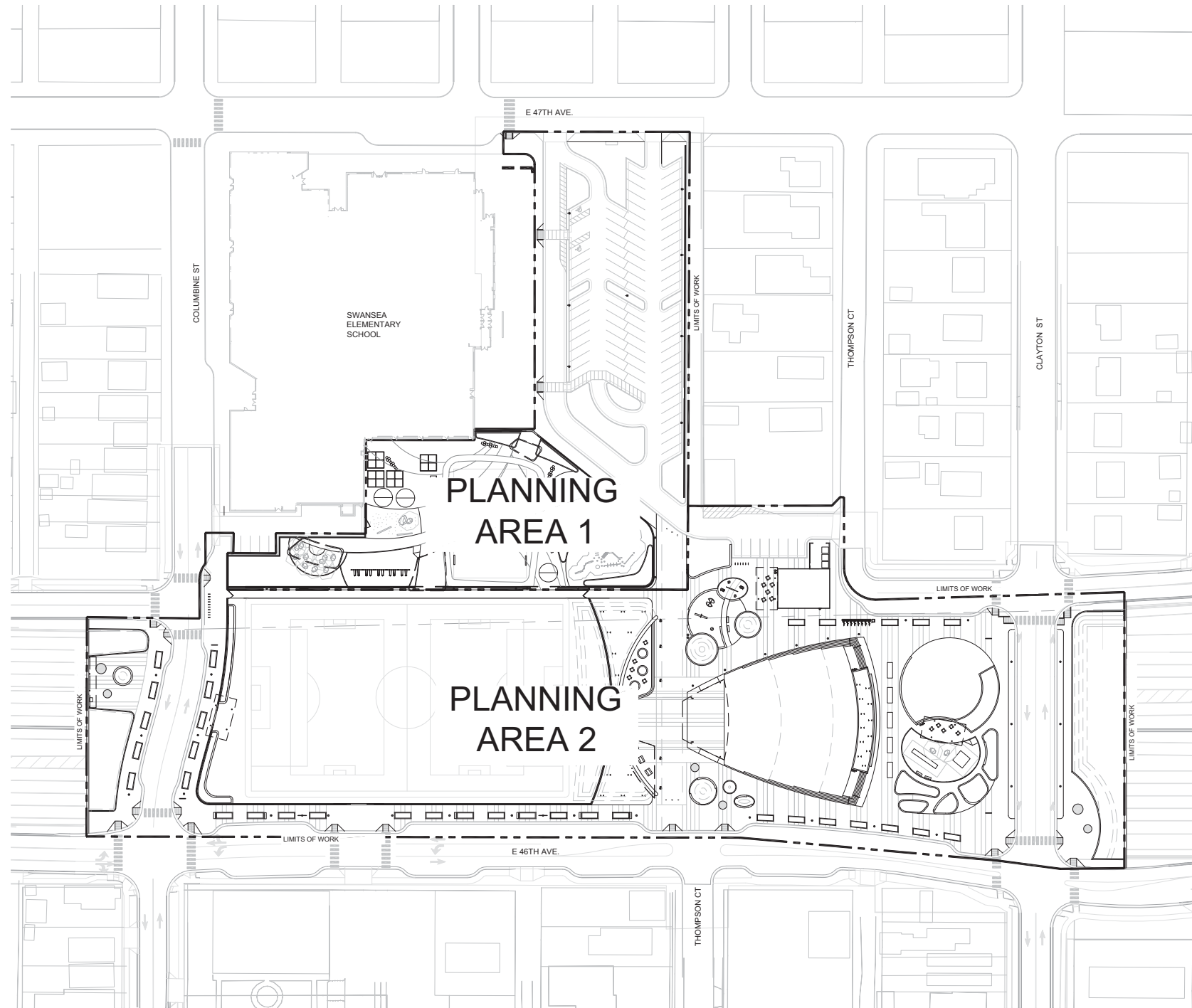


SITE KEYNOTES:

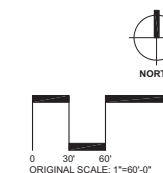
KEYNOTE	DESCRIPTION	DETAIL / SHEET	REFERENCE
1.0	PAVEMENTS, RAMPS, AND CURBS		
1.1	CIP Concrete Paving, Sawcut Joints, Standard Gray, Broom Finish	1 / L2-01	
1.2A	CIP Concrete Paving, Sawcut Joints, Light SandScape Finish, Integral color	1 / L2-01	
1.2B	CIP Concrete Paving, Sawcut Joints, Medium SandScape Finish, Integral color	1 / L2-01	
1.3	Concrete/Stone Unit Pavers Type 1	2 / L2-01	
1.4	Concrete/Stone Unit Pavers Type 2	2 / L2-01	
1.5	Concrete/Stone Unit Pavers Type 3	2 / L2-01	
1.6	CIP Concrete Band	3 / L2-01	
1.7	Precast Concrete Band	3 / L2-01	
1.8	Playground Asphalt		REF CCD STDS
1.9	Rubberized Play Tiles		REF CCD/DPS STDS
1.10	Fiber Play Surface		REF CCD/DPS STDS
1.11	Asphalt Parking Paving / Parking Striping		REF CCD STDS
1.12	Playground Pit ADA Ramp	4 / L2-01	
1.13	ADA Ramp		REF CCD STDS
1.14	CIP Concrete Curb and Gutter		REF CCD STDS
2.0	NOT USED		
3.0	STEPS, CURBS AND WALLS		
3.1	CIP Concrete Mural Wall	4.5 / L2-02	
3.2	CIP Concrete Curb	5 / L2-01	
3.3A	CIP Concrete Wall, 8" W	6 / L2-01	
3.3B	CIP Concrete Wall, 12" W	7 / L2-01	
3.3C	CIP Concrete Wall, 18" W	8 / L2-01	
3.4A	Precast Concrete Seat Wall, 18" W	9 / L2-01	
3.4B	Precast Concrete Seat Wall, 36" W	1.2 / L2-02	
3.5	Precast Concrete Retaining Wall	3 / L2-02	
3.6	Precast Concrete Step	11 / L2-03	
3.7	CMU Screen Wall	2 / L2-03	
3.8	Trash Enclosure	3 / L2-03	
4.0	RAILINGS, BARRIERS AND FENCING		
4.1	Stainless Steel Handrail	1 / L2-04	
4.2A	Custom Fencing Type 1	4 / L2-04	
4.2B	Custom Fencing Type 2	5 / L2-04	
4.2C	Custom Fencing Type 3	1 / L2-05	
4.2D	Custom Fencing Type 4	1 / L2-05	
4.3A	Fencing Gates Type 1	2 / L2-05	
4.3B	Fencing Gates Type 2	4 / L2-05	
4.3C	Fencing Gates Type 3	3 / L2-05	
5.0	SPECIALTY ELEMENTS		
5.1	Shade Structure, Events Lawn Pavilion	1.2 / L2-06	
5.2	Shade Structure, Type 1	1 / L2-07	
5.3	Shade Structure, Type 2	1 / L2-08	
5.4	Overlook	1 / L2-09	
5.5	Concessions/Restroom Building		REF SCHED 10
5.6	Maintenance Building		REF SCHED 10
5.7	Splash Pad Water Elements		REF SCHED 10
5.8	Tot Lot Play Elements		REF SCHED 10
5.9	Playground Play Elements		REF SCHED 10
5.10	Synthetic Turf		REF SCHED 10
5.11	Removable Soccer Goal		REF CCD STDS
5.12	Basketball Goal		REF DPS STDS
5.13	Primary Play Structure, DPS		REF DPS STDS
5.14	Intermediate Play Structure, DPS		REF DPS STDS
5.15	Swings, DPS		REF DPS STDS
5.16	Painted Courts : Hop Scotch		REF DPS STDS
5.17	Painted Court : Hop Scotch ADA		REF DPS STDS
5.18	Painted Court : Foursquare		REF DPS STDS
5.19	Painted Court : Tether Ball		REF DPS STDS
5.20	Shade Structure, DPS		REF DPS STDS
5.21	Sandstone Boulder		
6.0	FURNISHINGS		
6.1A	8" Diameter Precast Concrete Seating Pod	1 / L2-10	
6.1B	10" Diameter Precast Concrete Seating Pod	2 / L2-10	
6.2A	Bike Rack		REF SCHED 10
6.2B	Bike Share		REF SCHED 10
6.3	Tables and Chairs		REF SCHED 10
6.4	Trash/Recycle Receptacle		REF SCHED 10
6.5	Bench		REF SCHED 10
6.6	Custom Aluminum Bench	3 / L2-10	
6.7	Removable Bollard		REF SCHED 10
6.8	Interpretive Sign		REF CDOT STDS
6.9	Drinking Fountain		REF SCHED 10
6.10	Picnic Table		REF SCHED 10
6.11	Tree Grate		REF SCHED 10
7.0	SITE LIGHTING AND ELECTRICAL		
7.1	Pedestrian Lighting		REF SCHED 10
7.2	Central Plaza Lighting		REF SCHED 10
7.3	Field Lighting		REF SCHED 10
7.4	Parking Lot Lighting		REF SCHED 10
7.5	Accent Lighting		REF SCHED 10
7.6	Tree Accent Lighting		REF SCHED 10
7.7	Electrical Outlets		REF SCHED 10
8.0	REFERENCE SECTIONS AND ELEVATIONS		
8.1	46th Avenue at Multi-Use Field	1 / L2-12	
8.2	Clayton Street Cover Extension, South	2 / L2-12	
8.3	Columbine Street Cover Extension, North	1 / L2-13	
8.4	Clayton Street Cover Extension, North	3 / L2-12	
8.5	Columbine Street Cover Extension, South	2 / L2-13	
8.6	46th Avenue at Event Lawn	1 / L2-14	
8.7	Tot Lot and Splash Pad	2.3 / L2-14	
8.8	Multi-Use Field Fencing	4 / L2-14	
8.9	Columbine Street	1 / L2-15	
8.10	Central Plaza Space and Event Lawn	2.3 / L2-15, 1.2.3 / L2-16	
8.11	East Side Community Space	1.2.3 / L2-17	
9.0	PLANTING AND LANDSCAPE		
9.1A	Ornamental Tree Planting - In Raised Planter		REF SCHED 10
9.1B	Ornamental Tree Planting - Flush w/ Adjacent Paved Area		REF SCHED 10
9.2A	Deciduous Tree Planting - In Raised Planter		REF SCHED 10
9.2B	Deciduous Tree Planting - Flush w/ Adjacent Paved Area		REF SCHED 10
9.3	Enhanced Landscape		REF SCHED 10
9.4	Transitional Landscape		REF SCHED 10
9.5	Naturalized Turf		REF SCHED 10



Print Date:	Sheet Revisions			Colorado Department of Transportation		As Constructed		LID PARK COVER SHEET		Project No./Code	
File Name:	Date:	Comments	Init.	2000 South Holly Street Denver, CO 80222 Phone: 303-757-9295 FAX: 303-757-9963 Region 1		No Revisions:				7749-000	
Scale:						Revised:		Designer: N/A		Structure Numbers	
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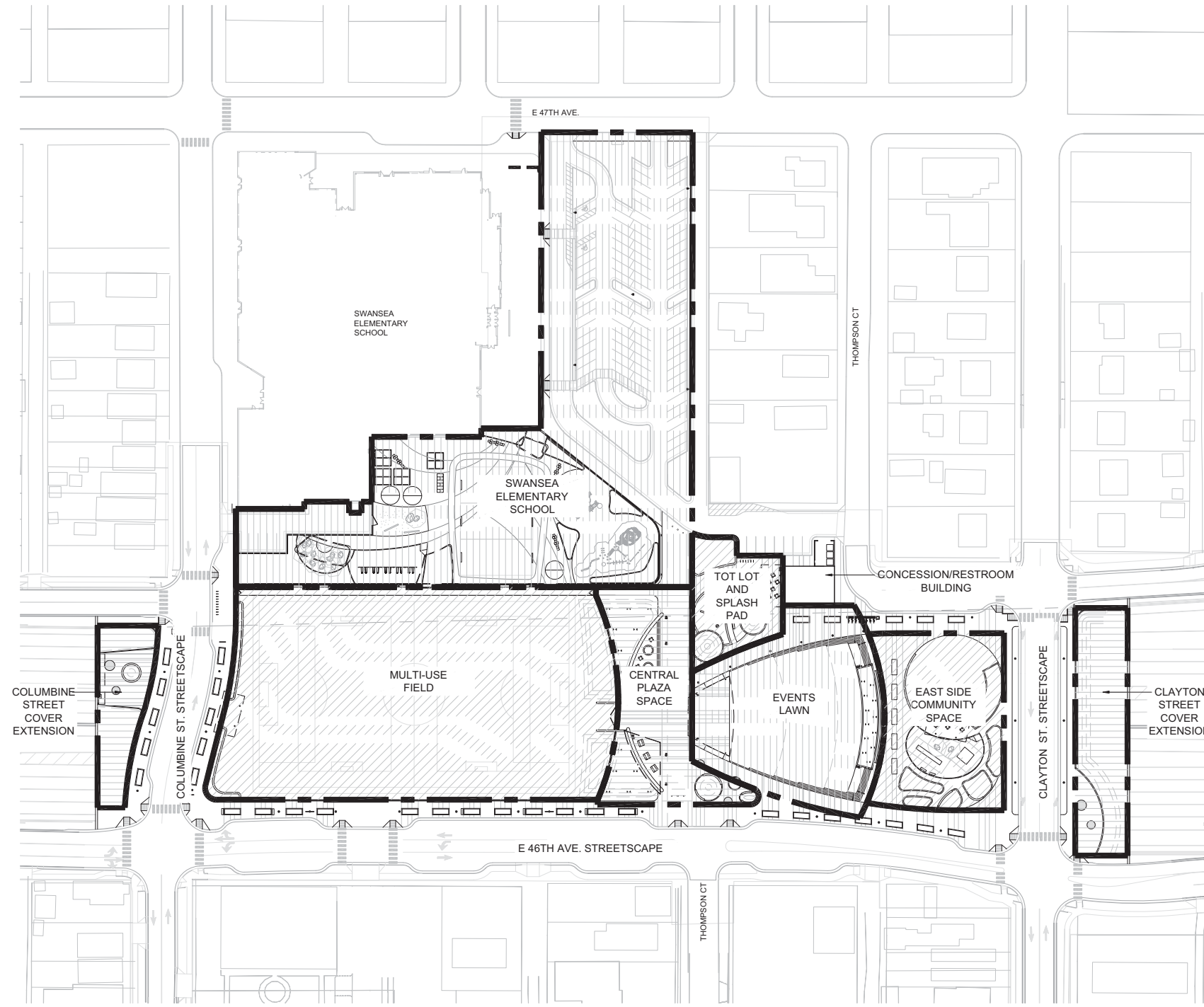


1 PLANNING AREA REFERENCE PLAN
1" = 60'

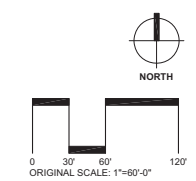


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Scale:					Revised:	Designer: N/A		Structure			
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						Sheet Subset: LID PARK		Subset Sheets:	of	Sheet Number LO.01	

NOTE: PROGRAM AREA REFERENCE PLAN REFERS TO DISTINCT PROGRAM AREAS AS DEFINED IN SCHEDULE 10, SECTION 14.



1 PROGRAM AREA REFERENCE PLAN
1" = 60'



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Region 1

As Constructed

No Revisions:

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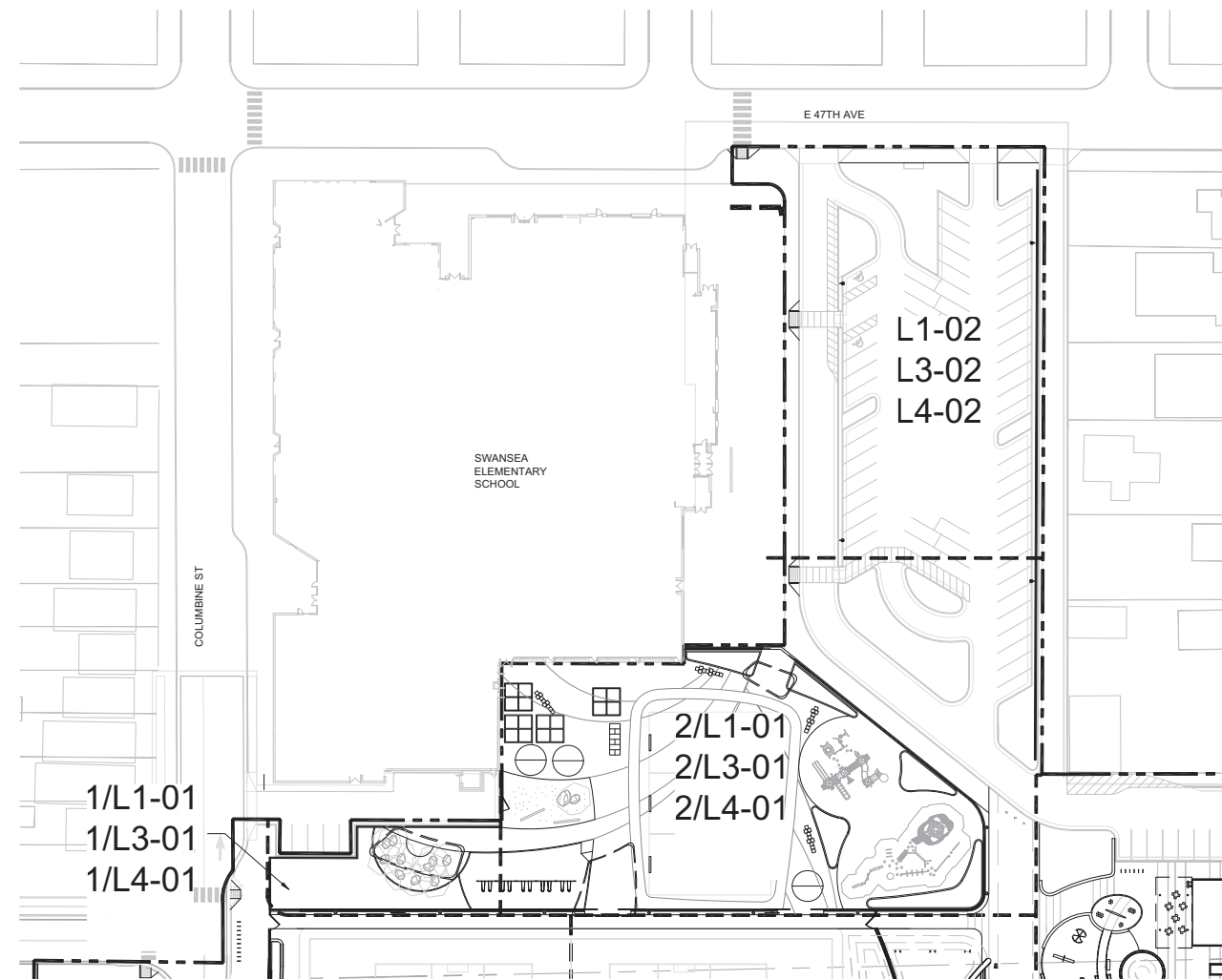
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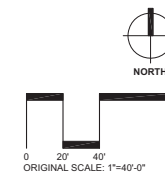
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Sheet Number **LO.02**





1 PLANNING AREA 1 SITE REFERENCE PLAN
1" = 40'



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Region 1

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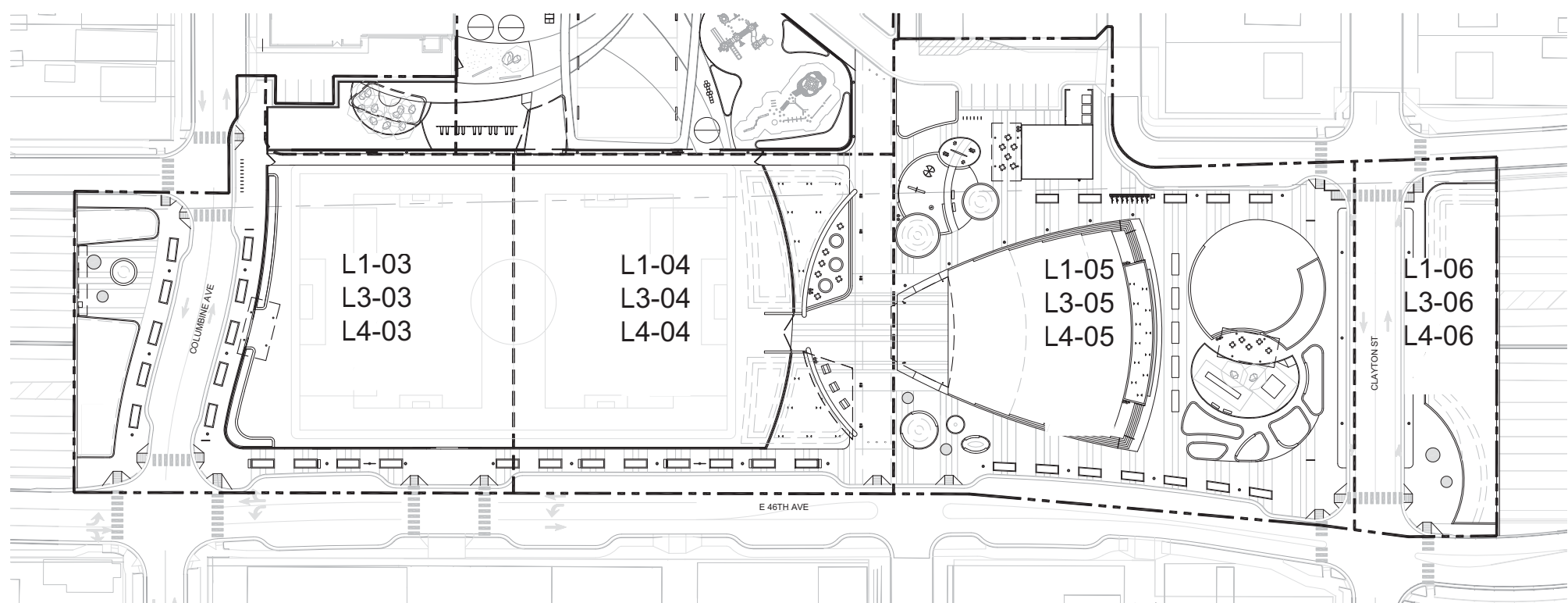
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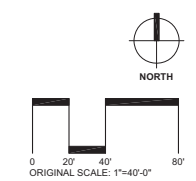
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Project No./Code
7749-000

Sheet Number **LO.03**



1 PLANNING AREA 2 SITE REFERENCE PLAN
1" = 40'



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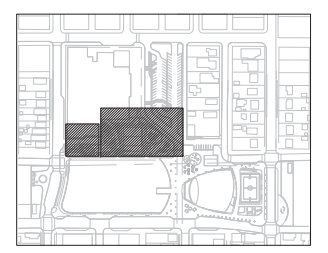
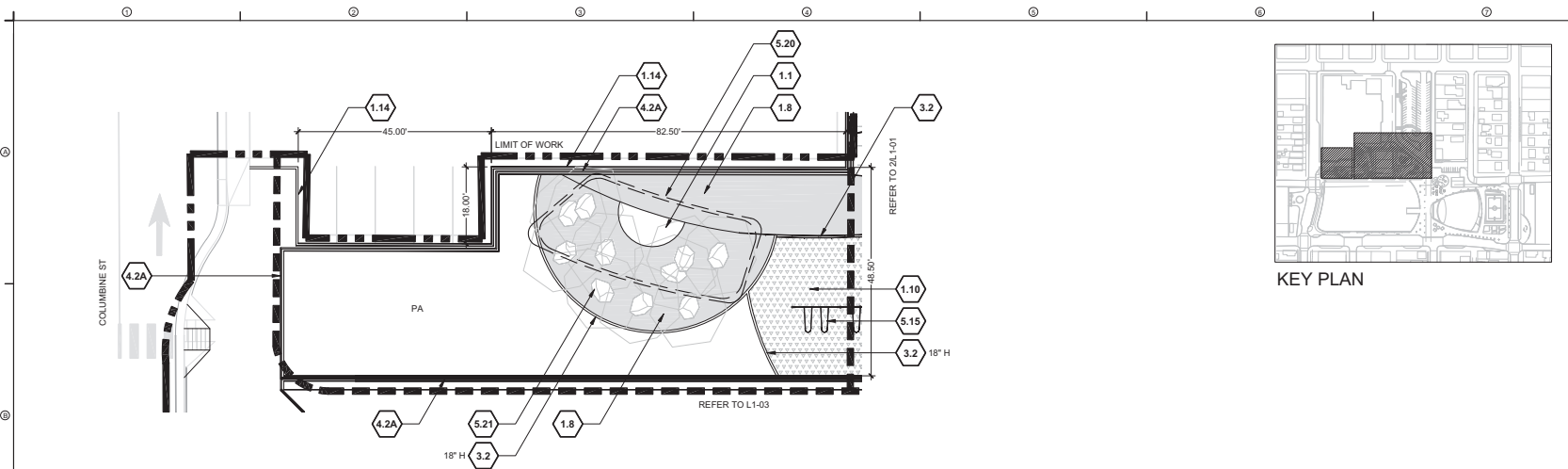
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Region 1

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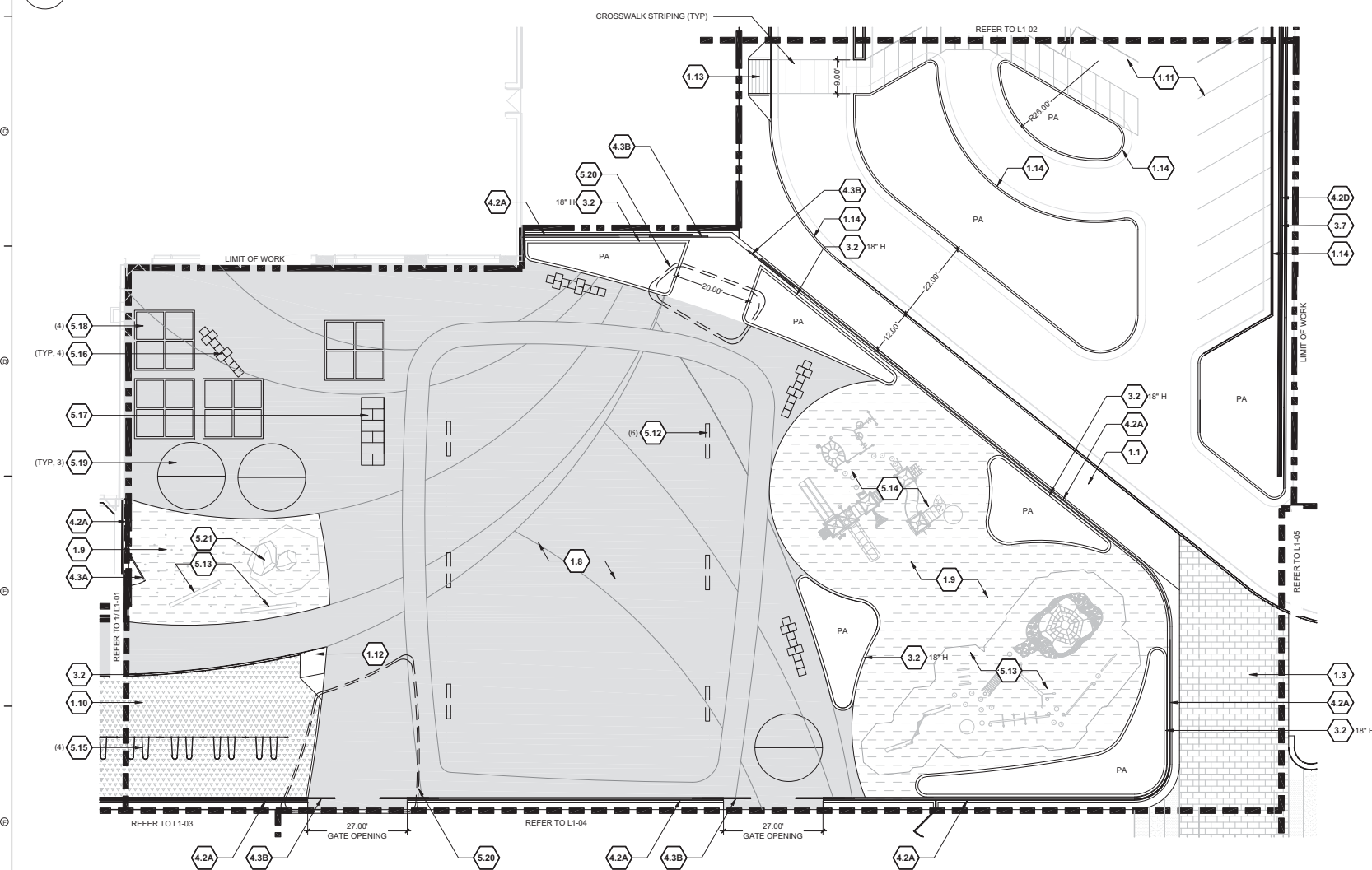
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Project No./Code	7749-000
Sheet Number	LO.04



KEY PLAN

1 LAYOUT AND MATERIALS PLAN
1" = 16'-0"



2 LAYOUT AND MATERIALS PLAN
1" = 16'-0"

SITE KEYNOTES:

KEYNOTE	DETAIL / SHEET	REFERENCE
1.0 PAVEMENTS, RAMPS, AND CURBS		
1.1	CIP Concrete Paving, Sawcut Joints, Standard Grey, Broom Finish	1 / L2-01
1.2A	CIP Concrete Paving, Sawcut Joints, Light Sandstone Finish, Integral color	1 / L2-01
1.2B	CIP Concrete Paving, Sawcut Joints, Medium Sandstone Finish, Integral color	1 / L2-01
1.3	Concrete/Stone Unit Pavers Type 1	2 / L2-01
1.4	Concrete/Stone Unit Pavers Type 2	2 / L2-01
1.5	Concrete/Stone Unit Pavers Type 3	2 / L2-01
1.6	CIP Concrete Band	3 / L2-01
1.7	Precast Concrete Band	3 / L2-01
1.8	Playground Asphalt	REF CCD STDS
1.9	Rubberized Play Tiles	REF CCD/DPS STDS
1.10	Fiber Play Surface	REF CCD/DPS STDS
1.11	Asphalt Parking Paving / Parking Striping	REF CCD STDS
1.12	Asphalt Parking ADA Ramp	4 / L2-01
1.13	ADA Ramp	REF CCD STDS
1.14	CIP Concrete Curb and Gutter	REF CCD STDS
2.0 NOT USED		
3.0 STEPS, CURBS AND WALLS		
3.1	CIP Concrete Mural Wall	4.5 / L2-02
3.2	CIP Concrete Curb	5 / L2-01
3.3A	CIP Concrete Wall, 8" W	6 / L2-01
3.3B	CIP Concrete Wall, 12" W	7 / L2-01
3.3C	CIP Concrete Wall, 18" W	8 / L2-01
3.4A	Precast Concrete Seat Wall, 18" W	9 / L2-01
3.4B	Precast Concrete Seat Wall, 36" W	1.2 / L2-02
3.5	Precast Concrete Retaining Wall	3 / L2-02
3.6	Precast Concrete Step	1 / L2-03
3.7	CMU Screen Wall	2 / L2-03
3.8	Trash Enclosure	3 / L2-03
4.0 RAILINGS, BARRIERS AND FENCING		
4.1	Stainless Steel Handrail	1 / L2-04
4.2A	Custom Fencing Type 1	4 / L2-04
4.2B	Custom Fencing Type 2	5 / L2-04
4.2C	Custom Fencing Type 3	1 / L2-05
4.2D	Custom Fencing Type 4	1 / L2-05
4.3A	Fencing Gates Type 1	2 / L2-05
4.3B	Fencing Gates Type 2	4 / L2-05
4.3C	Fencing Gates Type 3	3 / L2-05
5.0 SPECIALTY ELEMENTS		
5.1	Shade Structure, Events Lawn Pavilion	1.2 / L2-06
5.2	Shade Structure, Type 1	1 / L2-07
5.3	Shade Structure, Type 2	1 / L2-08
5.4	Overlook	1 / L2-09
5.5	Concessions/Restroom Building	REF SCHED 10
5.6	Maintenance Building	REF SCHED 10
5.7	Splash Pad Water Elements	REF SCHED 10
5.8	Tot Lot Play Elements	REF SCHED 10
5.9	Playground Play Elements	REF SCHED 10
5.10	Synthetic Turf	REF SCHED 10
5.11	Removable Soccer Goal	REF CCD STDS
5.12	Basketball Goal	REF DPS STDS
5.13	Primary Play Structure, DPS	REF DPS STDS
5.14	Intermediate Play Structure, DPS	REF DPS STDS
5.15	Swings, DPS	REF DPS STDS
5.16	Painted Courts : Hop Scotch	REF DPS STDS
5.17	Painted Court : Hop Scotch ADA	REF DPS STDS
5.18	Painted Court : Four-square	REF DPS STDS
5.19	Painted Court : Tether Ball	REF DPS STDS
5.20	Shade Structure, DPS	REF DPS STDS
5.21	Sandstone Boulder	REF DPS STDS

MATERIAL LEGEND

1.1	CIP CONCRETE, SAWCUT JOINTS, STANDARD GRAY	1.8	ASPHALT, INTEGRAL COLOR AND STRIPING
1.2A	CIP CONCRETE PAVING, SAWCUT JOINTS, LIGHT SANDSCAPE FINISH AND INTEGRAL COLOR	1.9	RUBBERIZED PLAY TILE
1.2B	CIP CONCRETE PAVING, SAWCUT JOINTS, MEDIUM SANDSCAPE FINISH, INTEGRAL COLOR	1.10	FIBAR PLAY SURFACE
1.3	CONCRETE UNIT PAVER TYPE 1		
1.4	CONCRETE UNIT PAVER TYPE 2		
1.5	CONCRETE UNIT PAVER TYPE 3		



Print Date:
File Name:
Scale:

5280 Connectors
Linking I-70 Communities

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

CDOT

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Region 1

As Constructed

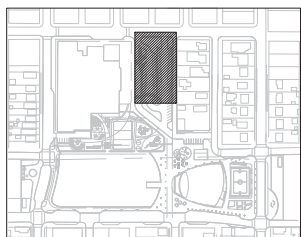
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Sheet Number	L1.01



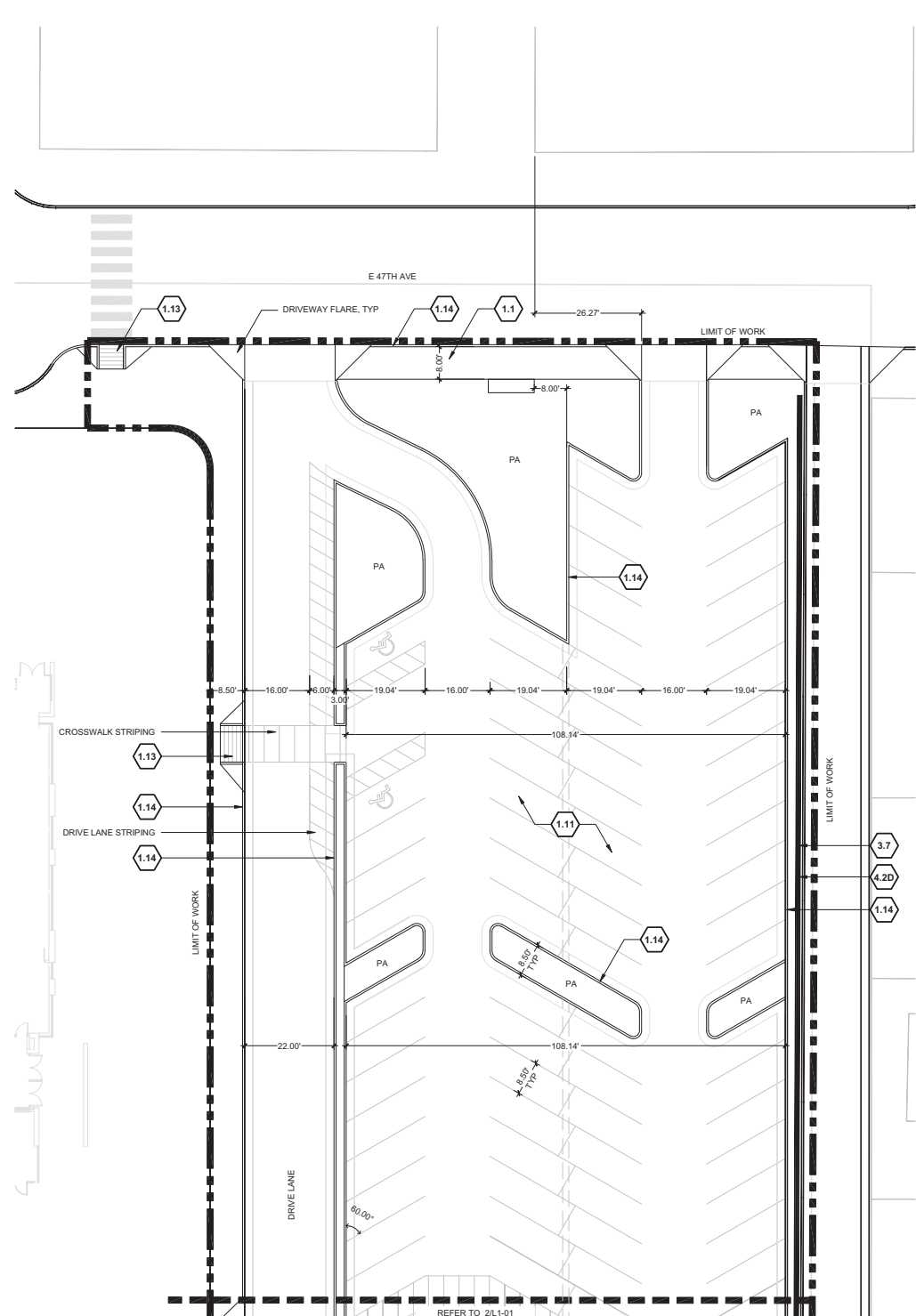
KEY PLAN

SITE KEYNOTES:

KEYNOTE	DETAIL / SHEET	REFERENCE
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1.4	Concrete/Stone Unit Pavers Type 2	2 / L2-01
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1.9	Rubberized Play Tiles	REF CCD/DPS STDS
1.10	Fiber Play Surface	REF CCD/DPS STDS
1.11	Asphalt Parking Paving / Parking Striping	REF CCD STDS
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1.13	ADA Ramp	REF CCD STDS
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3.0 STEPS, CURBS AND WALLS		
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3.3B	CIP Concrete Wall, 12" W	7 / L2-01
3.3C	CIP Concrete Wall, 18" W	8 / L2-01
3.4A	Precast Concrete Seat Wall, 18" W	9 / L2-01
3.4B	Precast Concrete Seat Wall, 36" W	1.2 / L2-02
3.5	Precast Concrete Retaining Wall	3 / L2-02
3.6	Precast Concrete Step	1 / L2-03
3.7	CMU Screen Wall	2 / L2-03
3.8	Trash Enclosure	3 / L2-03
4.0 RAILINGS, BARRIERS AND FENCING		
4.1	Stainless Steel Handrail	1 / L2-04
4.2A	Custom Fencing Type 1	4 / L2-04
4.2B	Custom Fencing Type 2	5 / L2-04
4.2C	Custom Fencing Type 3	1 / L2-05
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1.5	CONCRETE UNIT PAVER TYPE 3		



1 LAYOUT AND MATERIALS PLAN
1" = 16'-0"

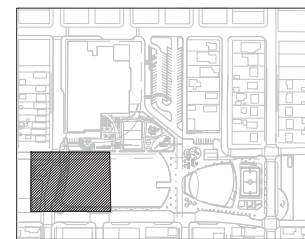


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Region 1



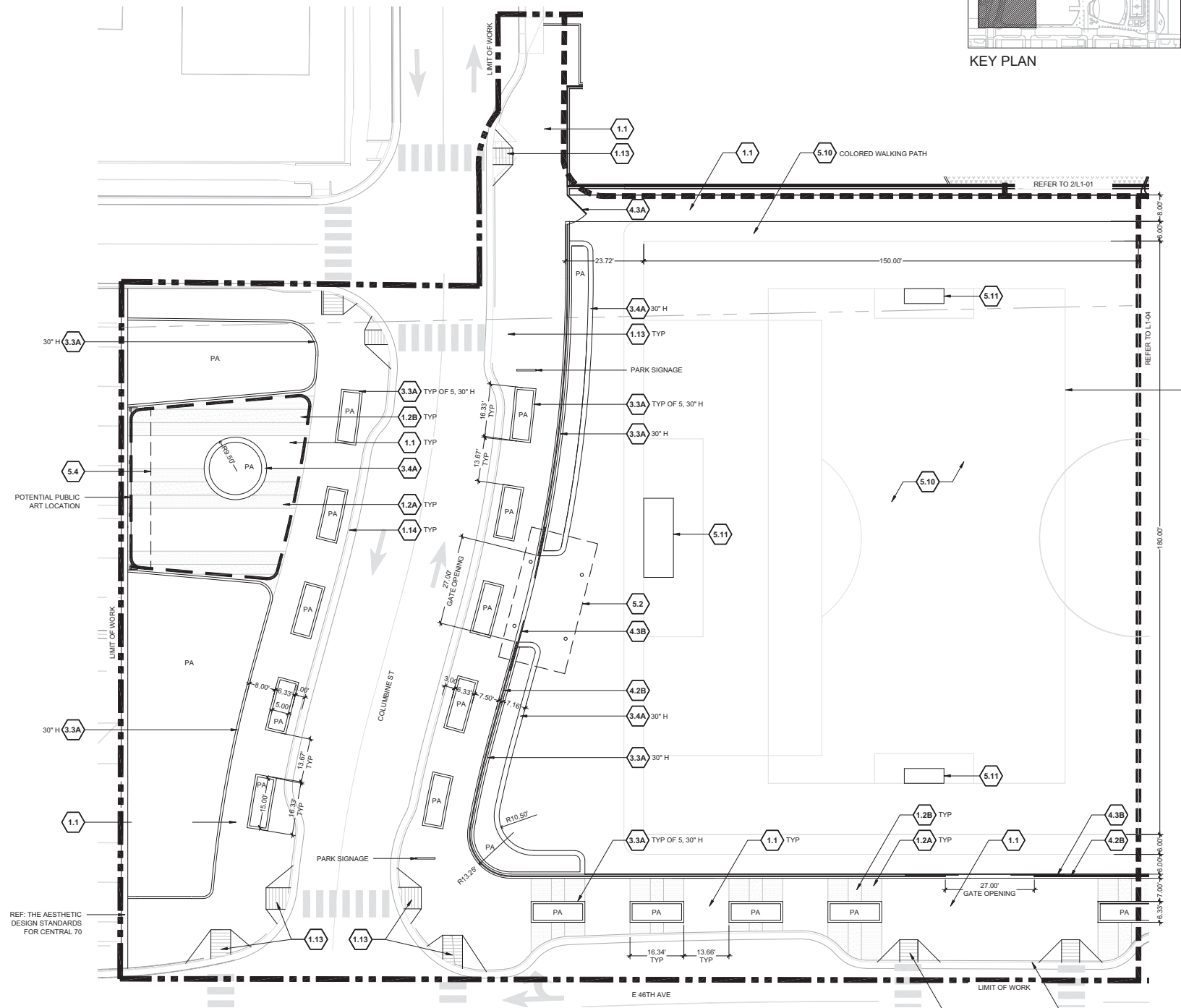
KEY PLAN

SITE KEYNOTES:

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	4.2B Custom Fencing Type 2	5 / L2-04
	4.2C Custom Fencing Type 3	1 / L2-05
	4.2D Custom Fencing Type 4	1 / L2-05
	4.3A Fencing Gates Type 1	2 / L2-05
	4.3B Fencing Gates Type 2	4 / L2-05
	4.3C Fencing Gates Type 3	3 / L2-05
5.0 SPECIALTY ELEMENTS	5.1 Shade Structure, Events Lawn Pavilion	1.2 / L2-06
	5.2 Shade Structure, Type 1	1 / L2-07
	5.3 Shade Structure, Type 2	1 / L2-08
	5.4 Overlook	1 / L2-09
	5.5 Concessions/Restroom Building	REF SCHED 10
	5.7 Splash Pad Water Elements	REF SCHED 10
	5.8 Tot Lot Play Elements	REF SCHED 10
	5.9 Playground Play Elements	REF SCHED 10
	5.10 Synthetic Turf	REF SCHED 10
	5.11 Removable Soccer Goal	REF CCD STDS
	5.12 Basketball Goal	REF DPS STDS
	5.13 Primary Play Structure, DPS	REF DPS STDS
5.14 Intermediate Play Structure, DPS	REF DPS STDS	
5.15 Swings, DPS	REF DPS STDS	
5.16 Painted Courts : Hop Scotch	REF DPS STDS	
5.17 Painted Court : Hop Scotch ADA	REF DPS STDS	
5.18 Painted Court : Four-square	REF DPS STDS	
5.19 Painted Court : Tether Ball	REF DPS STDS	
5.20 Shade Structure, DPS	REF DPS STDS	
5.21 Sandstone Boulder	REF DPS STDS	

MATERIAL LEGEND

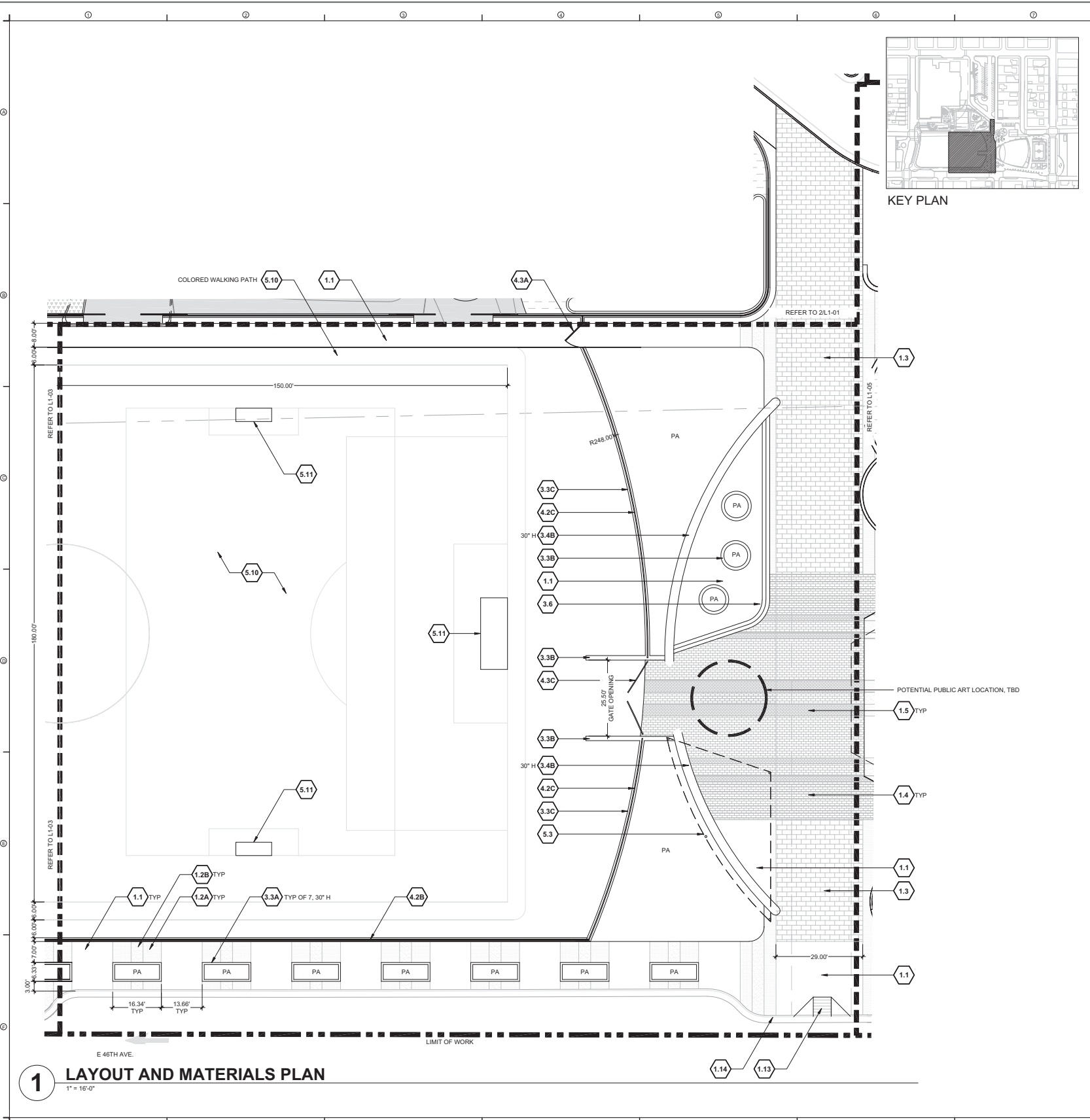
1.1	CIP CONCRETE, SAWCUT JOINTS, STANDARD GRAY	1.8	ASPHALT, INTEGRAL COLOR AND STRIPING
1.2A	CIP CONCRETE PAVING, SAWCUT JOINTS - LIGHT SANDSTONE FINISH AND INTEGRAL COLOR	1.9	RUBBERIZED PLAY TILE
1.2B	CIP CONCRETE PAVING, SAWCUT JOINTS, MEDIUM SANDSTONE FINISH, INTEGRAL COLOR	1.10	FIBAR PLAY SURFACE
1.3	CONCRETE UNIT PAVER TYPE 1		
1.4	CONCRETE UNIT PAVER TYPE 2		
1.5	CONCRETE UNIT PAVER TYPE 3		



1 LAYOUT AND MATERIALS PLAN
1" = 16'-0"

Print Date:	Sheet Revisions			Colorado Department of Transportation		As Constructed		LID PARK LAYOUT AND MATERIAL PLAN		Project No./Code	
File Name:	Date:	Comments	Init.	2000 South Holly Street Denver, CO 80222 Phone: 303-757-9295 FAX: 303-757-9963 Region 1		No Revisions:		Designer: N/A Detailer: N/A Sheet Subset: LID PARK		7749-000	
Scale:						Revised:				Structure Numbers	
						Void:				Subset Sheets: of	





SITE KEYNOTES:

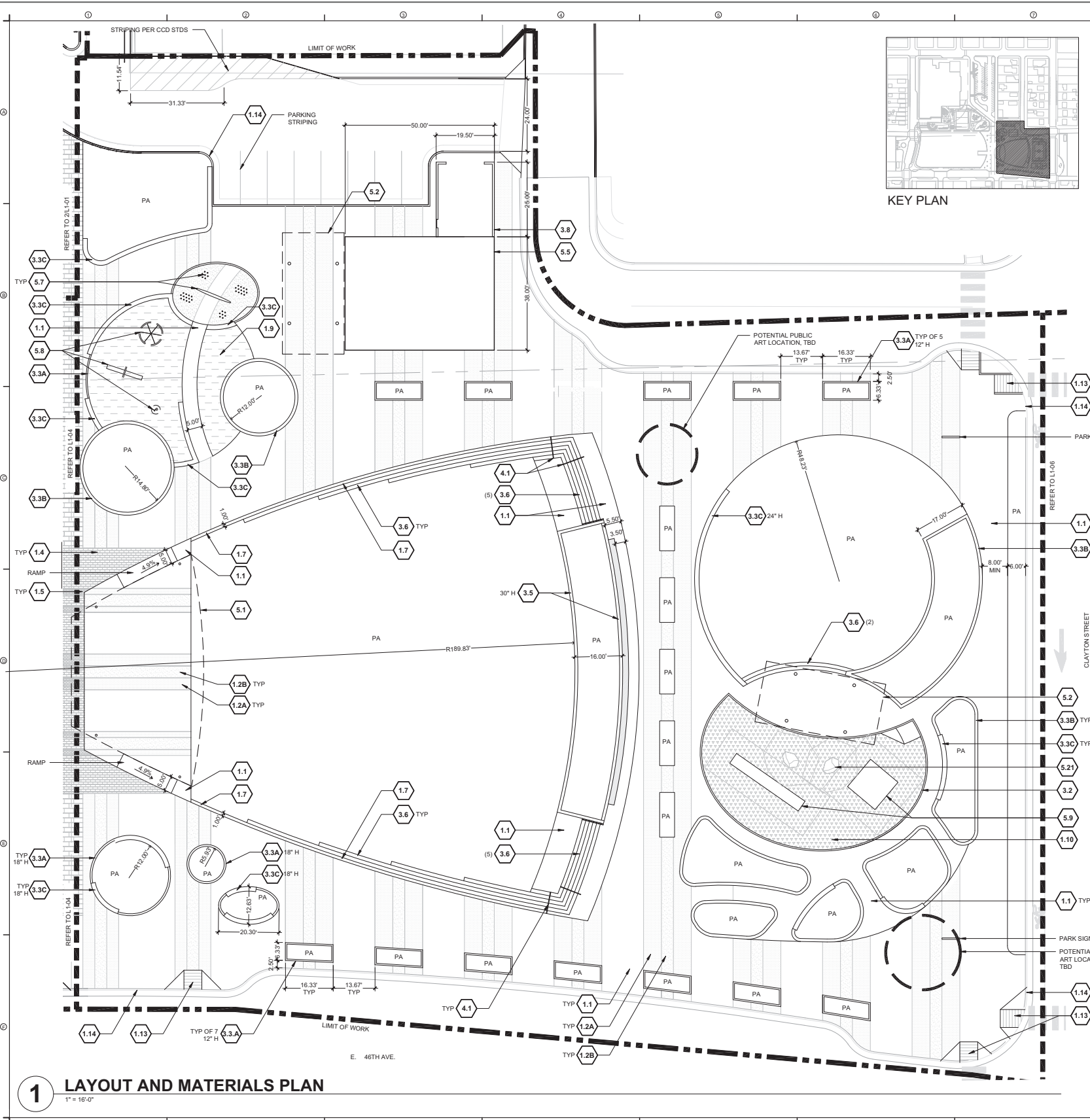
DETAIL / SHEET	REFERENCE
1.0 PAVEMENTS, RAMPS, AND CURBS	
1.1 CIP Concrete Paving, Sawcut Joints, Standard Grey, Broom Finish	1 / L2-01
1.2A CIP Concrete Paving, Sawcut Joints, Light Sandstone Finish, Integral color	1 / L2-01
1.2B CIP Concrete Paving, Sawcut Joints, Medium Sandstone Finish, Integral color	1 / L2-01
1.3 Concrete/Stone Unit Pavers Type 1	2 / L2-01
1.4 Concrete/Stone Unit Pavers Type 2	2 / L2-01
1.5 Concrete/Stone Unit Pavers Type 3	2 / L2-01
1.6 CIP Concrete Band	3 / L2-01
1.7 Precast Concrete Band	3 / L2-01
1.8 Playground Asphalt	REF CCD STDS
1.9 Rubberized Play Tiles	REF CCD/DPS STDS
1.10 Fiber Play Surface	REF CCD/DPS STDS
1.11 Asphalt Parking Paving / Parking Striping	REF CCD STDS
1.12 Playground Pit ADA Ramp	4 / L2-01
1.13 ADA Ramp	REF CCD STDS
1.14 CIP Concrete Curb and Gutter	REF CCD STDS
2.0 NOT USED	
3.0 STEPS, CURBS AND WALLS	
3.1 CIP Concrete Mural Wall	4.5 / L2-02
3.2 CIP Concrete Curb	5 / L2-01
3.3A CIP Concrete Wall, 8" W	6 / L2-01
3.3B CIP Concrete Wall, 12" W	7 / L2-01
3.3C CIP Concrete Wall, 18" W	8 / L2-01
3.4A Precast Concrete Seat Wall, 18" W	9 / L2-01
3.4B Precast Concrete Seat Wall, 30" W	1.2 / L2-02
3.5 Precast Concrete Retaining Wall	3 / L2-02
3.6 Precast Concrete Step	1 / L2-03
3.7 CMU Screen Wall	2 / L2-03
3.8 Trash Enclosure	3 / L2-03
4.0 RAILINGS, BARRIERS AND FENCING	
4.1 Stainless Steel Handrail	1 / L2-04
4.2A Custom Fencing Type 1	4 / L2-04
4.2B Custom Fencing Type 2	5 / L2-04
4.2C Custom Fencing Type 3	1 / L2-05
4.2D Custom Fencing Type 4	1 / L2-05
4.3A Fencing Gates Type 1	2 / L2-05
4.3B Fencing Gates Type 2	4 / L2-05
4.3C Fencing Gates Type 3	3 / L2-05
5.0 SPECIALTY ELEMENTS	
5.1 Shade Structure, Events Lawn Pavilion	1.2 / L2-06
5.2 Shade Structure, Type 1	1 / L2-07
5.3 Shade Structure, Type 2	1 / L2-08
5.4 Overlook	1 / L2-09
5.5 Concessions/Restroom Building	REF SCHED 10
5.6 Maintenance Building	REF SCHED 10
5.7 Splash Pad Water Elements	REF SCHED 10
5.8 Tot Lot Play Elements	REF SCHED 10
5.9 Playground Play Elements	REF SCHED 10
5.10 Synthetic Turf	REF SCHED 10
5.11 Removable Soccer Goal	REF CCD STDS
5.12 Basketball Goal	REF DPS STDS
5.13 Primary Play Structure, DPS	REF DPS STDS
5.14 Intermediate Play Structure, DPS	REF DPS STDS
5.15 Swings, DPS	REF DPS STDS
5.16 Painted Courts : Hop Scotch	REF DPS STDS
5.17 Painted Court : Hop Scotch ADA	REF DPS STDS
5.18 Painted Court : Four-square	REF DPS STDS
5.19 Painted Court : Tether Ball	REF DPS STDS
5.20 Shade Structure, DPS	REF DPS STDS
5.21 Sandstone Boulder	REF DPS STDS

MATERIAL LEGEND

1.1	CIP CONCRETE, SAWCUT JOINTS, STANDARD GRAY	1.8	ASPHALT, INTEGRAL COLOR AND STRIPING
1.2A	CIP CONCRETE PAVING, SAWCUT JOINTS, LIGHT SANDSTONE FINISH AND INTEGRAL COLOR	1.9	RUBBERIZED PLAY TILE
1.2B	CIP CONCRETE PAVING, SAWCUT JOINTS, MEDIUM SANDSTONE FINISH, INTEGRAL COLOR	1.10	FIBAR PLAY SURFACE
1.3	CONCRETE UNIT PAVER TYPE 1		
1.4	CONCRETE UNIT PAVER TYPE 2		
1.5	CONCRETE UNIT PAVER TYPE 3		

1 LAYOUT AND MATERIALS PLAN
1" = 16'-0"

Print Date:		Sheet Revisions	Colorado Department of Transportation	As Constructed	LID PARK LAYOUT AND MATERIAL PLAN	Project No./Code
File Name:		Date:		No Revisions:		7749-000
Scale:		Comments:		Revised:	Designer: N/A	Structure Numbers
		Init.:		Void:	Detailer: N/A	Sheet Subset: LID PARK
						Subset Sheets: L0.01 of L0.04
		 2000 South Holly Street Denver, CO 80222 Phone: 303-757-9295 FAX: 303-757-9963 Region 1				Sheet Number L1.04



SITE KEYNOTES:

KEYNOTE	DETAIL / SHEET	REFERENCE
1.0 PAVEMENTS, RAMPS, AND CURBS		
1.1	CIP Concrete Paving, Sawcut Joints, Standard Grey, Broom Finish	1 / L2-01
1.2A	CIP Concrete Paving, Sawcut Joints, Light Sandstone Finish, Integral color	1 / L2-01
1.2B	CIP Concrete Paving, Sawcut Joints, Medium Sandstone Finish, Integral color	1 / L2-01
1.3	Concrete/Stone Unit Pavers Type 1	2 / L2-01
1.4	Concrete/Stone Unit Pavers Type 2	2 / L2-01
1.5	Concrete/Stone Unit Pavers Type 3	2 / L2-01
1.6	CIP Concrete Band	3 / L2-01
1.7	Precast Concrete Band	3 / L2-01
1.8	Playground Asphalt	REF CCD STDS
1.9	Rubberized Play Tiles	REF CCD/DPS STDS
1.10	Fiber Play Surface	REF CCD/DPS STDS
1.11	Asphalt Parking Paving / Parking Striping	REF CCD STDS
1.12	Playground Pit ADA Ramp	4 / L2-01
1.13	ADA Ramp	REF CCD STDS
1.14	CIP Concrete Curb and Gutter	REF CCD STDS
2.0 NOT USED		
3.0 STEPS, CURBS AND WALLS		
3.1	CIP Concrete Mural Wall	4.5 / L2-02
3.2	CIP Concrete Curb	5 / L2-01
3.3A	CIP Concrete Wall, 8" W	6 / L2-01
3.3B	CIP Concrete Wall, 12" W	7 / L2-01
3.3C	CIP Concrete Wall, 18" W	8 / L2-01
3.4A	Precast Concrete Seat Wall, 18" W	9 / L2-01
3.4B	Precast Concrete Seat Wall, 36" W	1.2 / L2-02
3.5	Precast Concrete Retaining Wall	3 / L2-02
3.6	Precast Concrete Step	1 / L2-03
3.7	CMU Screen Wall	2 / L2-03
3.8	Trash Enclosure	3 / L2-03
4.0 RAILINGS, BARRIERS AND FENCING		
4.1	Stainless Steel Handrail	1 / L2-04
4.2A	Custom Fencing Type 1	4 / L2-04
4.2B	Custom Fencing Type 2	5 / L2-04
4.2C	Custom Fencing Type 3	1 / L2-05
4.2D	Custom Fencing Type 4	1 / L2-05
4.3A	Fencing Gates Type 1	2 / L2-05
4.3B	Fencing Gates Type 2	4 / L2-05
4.3C	Fencing Gates Type 3	3 / L2-05
5.0 SPECIALTY ELEMENTS		
5.1	Shade Structure, Events Lawn Pavilion	1.2 / L2-06
5.2	Shade Structure, Type 1	1 / L2-07
5.3	Shade Structure, Type 2	1 / L2-08
5.4	Overlook	1 / L2-09
5.5	Concessions/Restroom Building	REF SCHED 10
5.6	Maintenance Building	REF SCHED 10
5.7	Splash Pad Water Elements	REF SCHED 10
5.8	Tot Lot Play Elements	REF SCHED 10
5.9	Playground Play Elements	REF SCHED 10
5.10	Synthetic Turf	REF SCHED 10
5.11	Removable Soccer Goal	REF CCD STDS
5.12	Basketball Goal	REF DPS STDS
5.13	Primary Play Structure, DPS	REF DPS STDS
5.14	Intermediate Play Structure, DPS	REF DPS STDS
5.15	Swings, DPS	REF DPS STDS
5.16	Painted Courts : Hop Scotch	REF DPS STDS
5.17	Painted Court : Hop Scotch ADA	REF DPS STDS
5.18	Painted Court : Four-square	REF DPS STDS
5.19	Painted Court : Tether Ball	REF DPS STDS
5.20	Shade Structure, DPS	REF DPS STDS
5.21	Sandstone Boulder	REF DPS STDS

KEYNOTE	DETAIL / SHEET	REFERENCE
5.0 SPECIALTY ELEMENTS		
5.1	Shade Structure, Events Lawn Pavilion	1.2 / L2-06
5.2	Shade Structure, Type 1	1 / L2-07
5.3	Shade Structure, Type 2	1 / L2-08
5.4	Overlook	1 / L2-09
5.5	Concessions/Restroom Building	REF SCHED 10
5.6	Maintenance Building	REF SCHED 10
5.7	Splash Pad Water Elements	REF SCHED 10
5.8	Tot Lot Play Elements	REF SCHED 10
5.9	Playground Play Elements	REF SCHED 10
5.10	Synthetic Turf	REF SCHED 10
5.11	Removable Soccer Goal	REF CCD STDS
5.12	Basketball Goal	REF DPS STDS
5.13	Primary Play Structure, DPS	REF DPS STDS
5.14	Intermediate Play Structure, DPS	REF DPS STDS
5.15	Swings, DPS	REF DPS STDS
5.16	Painted Courts : Hop Scotch	REF DPS STDS
5.17	Painted Court : Hop Scotch ADA	REF DPS STDS
5.18	Painted Court : Four-square	REF DPS STDS
5.19	Painted Court : Tether Ball	REF DPS STDS
5.20	Shade Structure, DPS	REF DPS STDS
5.21	Sandstone Boulder	REF DPS STDS

KEYNOTE	DETAIL / SHEET	REFERENCE
5.0 SPECIALTY ELEMENTS		
5.1	Shade Structure, Events Lawn Pavilion	1.2 / L2-06
5.2	Shade Structure, Type 1	1 / L2-07
5.3	Shade Structure, Type 2	1 / L2-08
5.4	Overlook	1 / L2-09
5.5	Concessions/Restroom Building	REF SCHED 10
5.6	Maintenance Building	REF SCHED 10
5.7	Splash Pad Water Elements	REF SCHED 10
5.8	Tot Lot Play Elements	REF SCHED 10
5.9	Playground Play Elements	REF SCHED 10
5.10	Synthetic Turf	REF SCHED 10
5.11	Removable Soccer Goal	REF CCD STDS
5.12	Basketball Goal	REF DPS STDS
5.13	Primary Play Structure, DPS	REF DPS STDS
5.14	Intermediate Play Structure, DPS	REF DPS STDS
5.15	Swings, DPS	REF DPS STDS
5.16	Painted Courts : Hop Scotch	REF DPS STDS
5.17	Painted Court : Hop Scotch ADA	REF DPS STDS
5.18	Painted Court : Four-square	REF DPS STDS
5.19	Painted Court : Tether Ball	REF DPS STDS
5.20	Shade Structure, DPS	REF DPS STDS
5.21	Sandstone Boulder	REF DPS STDS

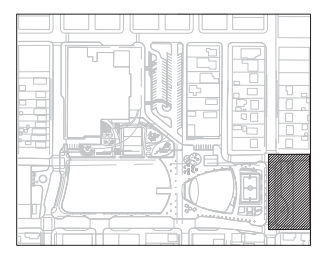
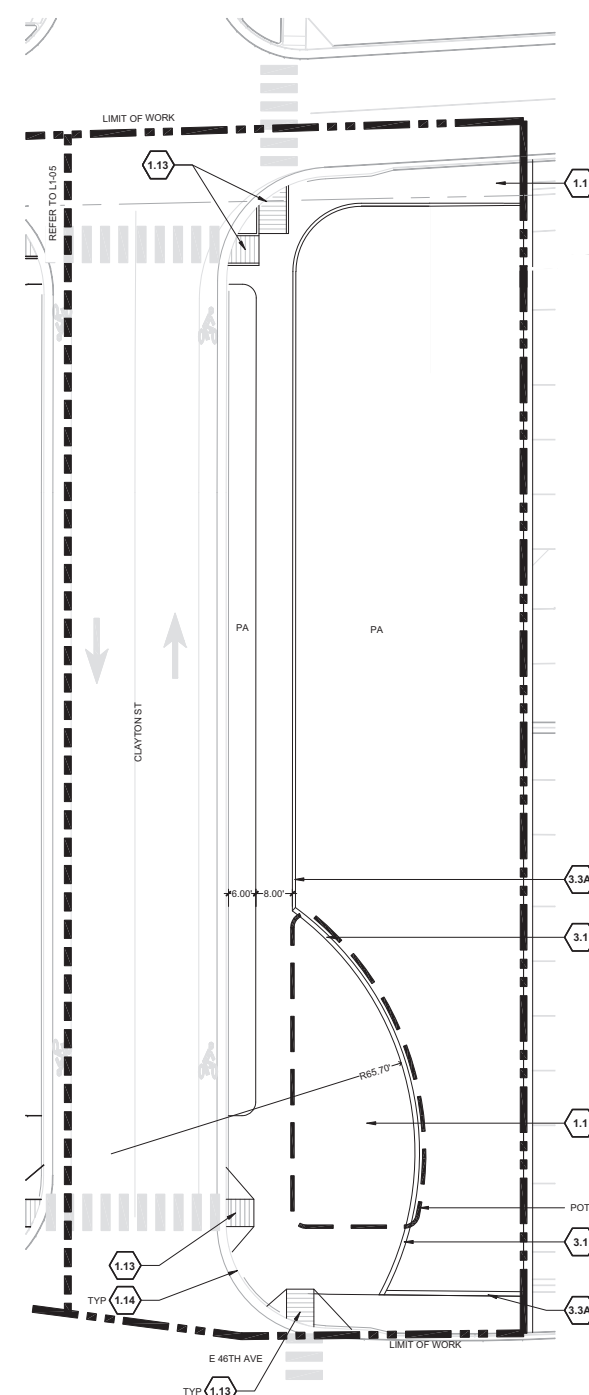
MATERIAL LEGEND

1.1	CIP CONCRETE, SAWCUT JOINTS, STANDARD GRAY	1.8	ASPHALT, INTEGRAL COLOR AND STRIPING
1.2A	CIP CONCRETE PAVING, SAWCUT JOINTS - LIGHT SANDSTONE FINISH AND INTEGRAL COLOR	1.9	RUBBERIZED PLAY TILE
1.2B	CIP CONCRETE PAVING, SAWCUT JOINTS, MEDIUM SANDSTONE FINISH, INTEGRAL COLOR	1.10	FIBAR PLAY SURFACE
1.3	CONCRETE UNIT PAVER TYPE 1		
1.4	CONCRETE UNIT PAVER TYPE 2		
1.5	CONCRETE UNIT PAVER TYPE 3		



1 LAYOUT AND MATERIALS PLAN
1" = 16'-0"

Print Date:	Sheet Revisions			Colorado Department of Transportation	As Constructed	LID PARK LAYOUT AND MATERIAL PLAN		Project No./Code	
File Name:	Date:	Comments	Init.	2000 South Holly Street Denver, CO 80222 Phone: 303-757-9295 FAX: 303-757-9963 Region 1	No Revisions:	Designer:	N/A	Structure Numbers	7749-000
Scale:					Revised:	Detailer:	N/A		
					Void:	Sheet Subset: LID PARK	Subset Sheets:	of	Sheet Number L1.05



SITE KEYNOTES:

DETAIL / SHEET	REFERENCE
1.0 PAVEMENTS, RAMPS, AND CURBS	
1.1 CIP Concrete Paving, Sawcut Joints, Standard Grey, Broom Finish	1 / L2-01
1.2A CIP Concrete Paving, Sawcut Joints, Light Sandstone Finish, Integral color	1 / L2-01
1.2B CIP Concrete Paving, Sawcut Joints, Medium Sandstone Finish, Integral color	1 / L2-01
1.3 Concrete/Stone Unit Pavers Type 1	2 / L2-01
1.4 Concrete/Stone Unit Pavers Type 2	2 / L2-01
1.5 Concrete/Stone Unit Pavers Type 3	2 / L2-01
1.6 CIP Concrete Band	3 / L2-01
1.7 Precast Concrete Band	3 / L2-01
1.8 Playground Asphalt	REF CCD STDS
1.9 Rubberized Play Tiles	REF CCD/DPS STDS
1.10 Fiber Play Surface	REF CCD/DPS STDS
1.11 Asphalt Parking Paving / Parking Striping	REF CCD STDS
1.12 Playground Pit ADA Ramp	4 / L2-01
1.13 ADA Ramp	REF CCD STDS
1.14 CIP Concrete Curb and Gutter	REF CCD STDS
2.0 NOT USED	
3.0 STEPS, CURBS AND WALLS	
3.1 CIP Concrete Mural Wall	4.5 / L2-02
3.2 CIP Concrete Curb	5 / L2-01
3.3A CIP Concrete Wall, 8" W	6 / L2-01
3.3B CIP Concrete Wall, 12" W	7 / L2-01
3.3C CIP Concrete Wall, 18" W	8 / L2-01
3.4A Precast Concrete Seat Wall, 18" W	9 / L2-01
3.4B Precast Concrete Seat Wall, 36" W	1.2 / L2-02
3.5 Precast Concrete Retaining Wall	3 / L2-02
3.6 Precast Concrete Step	1 / L2-03
3.7 CMU Screen Wall	2 / L2-03
3.8 Trash Enclosure	3 / L2-03
4.0 RAILINGS, BARRIERS AND FENCING	
4.1 Stainless Steel Handrail	1 / L2-04
4.2A Custom Fencing Type 1	4 / L2-04
4.2B Custom Fencing Type 2	5 / L2-04
4.2C Custom Fencing Type 3	1 / L2-05
4.2D Custom Fencing Type 4	1 / L2-05
4.3A Fencing Gates Type 1	2 / L2-05
4.3B Fencing Gates Type 2	4 / L2-05
4.3C Fencing Gates Type 3	3 / L2-05
5.0 SPECIALTY ELEMENTS	
5.1 Shade Structure, Events Lawn Pavilion	1.2 / L2-06
5.2 Shade Structure, Type 1	1 / L2-07
5.3 Shade Structure, Type 2	1 / L2-08
5.4 Overlook	1 / L2-09
5.5 Concessions/Restroom Building	REF SCHED 10
5.7 Splash Pad Water Elements	REF SCHED 10
5.8 Tot Lot Play Elements	REF SCHED 10
5.9 Playground Play Elements	REF SCHED 10
5.10 Synthetic Turf	REF SCHED 10
5.11 Removable Soccer Goal	REF CCD STDS
5.12 Basketball Goal	REF DPS STDS
5.13 Primary Play Structure, DPS	REF DPS STDS
5.14 Intermediate Play Structure, DPS	REF DPS STDS
5.15 Swings, DPS	REF DPS STDS
5.16 Painted Courts : Hop Scotch	REF DPS STDS
5.17 Painted Court : Hop Scotch ADA	REF DPS STDS
5.18 Painted Court : Four-square	REF DPS STDS
5.19 Painted Court : Tether Ball	REF DPS STDS
5.20 Shade Structure, DPS	REF DPS STDS
5.21 Sandstone Boulder	REF DPS STDS

MATERIAL LEGEND

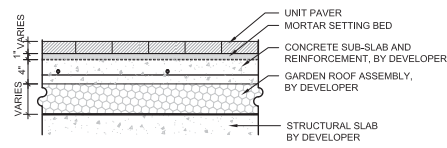
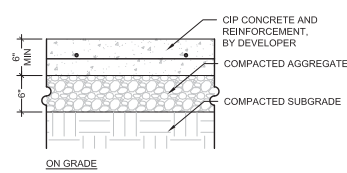
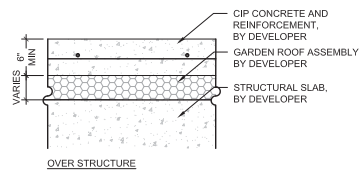
1.1 CIP CONCRETE, SAWCUT JOINTS, STANDARD GRAY	1.8 ASPHALT, INTEGRAL COLOR AND STRIPING
1.2A CIP CONCRETE PAVING, SAWCUT JOINTS, LIGHT SANDSTONE FINISH AND INTEGRAL COLOR	1.9 RUBBERIZED PLAY TILE
1.2B CIP CONCRETE PAVING, SAWCUT JOINTS, MEDIUM SANDSTONE FINISH, INTEGRAL COLOR	1.10 FIBAR PLAY SURFACE
1.3 CONCRETE UNIT PAVER TYPE 1	
1.4 CONCRETE UNIT PAVER TYPE 2	
1.5 CONCRETE UNIT PAVER TYPE 3	



1 LAYOUT AND MATERIALS PLAN
1" = 16'-0"

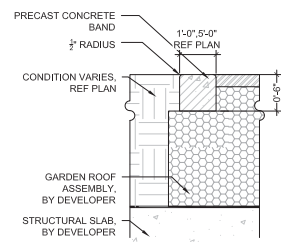
Print Date:		Sheet Revisions	Colorado Department of Transportation	As Constructed	LID PARK LAYOUT AND MATERIAL PLAN	Project No./Code
File Name:		Date:	Comments	No Revisions:		7749-000
Scale:		Init.	Date:	Revised:	Designer: N/A	Structure Numbers
		Date:	Comments	Void:	Detailer: N/A	Subset Sheets: of
		Date:	Comments	Date:	Sheet Subset: LID PARK	Sheet Number L1.06

2000 South Holly Street
 Denver, CO 80222
 Phone: 303-757-9295 FAX: 303-757-9963
 Region 1

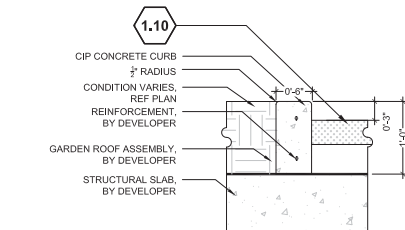
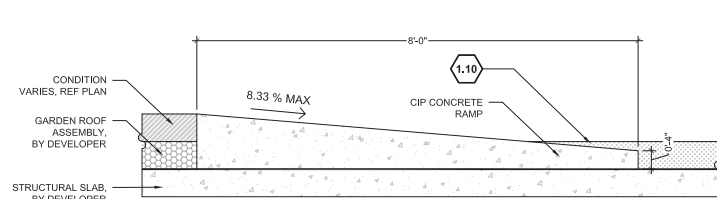


1 CIP CONCRETE PAVING
SCALE: 1" = 1'-0"

2 CONCRETE / STONE UNIT PAVER
SCALE: 1" = 1'-0"



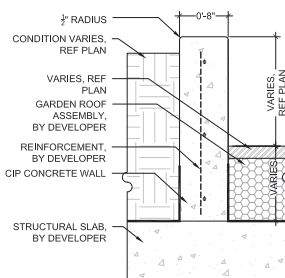
NOTE:
1)ADD SAND FINISH TO ALL EXPOSED FACES
2)VERTICAL 3/16\"/>



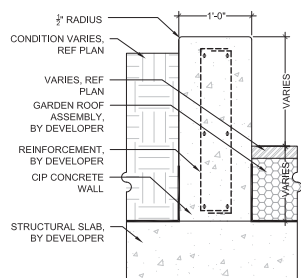
3 PRECAST CONCRETE BAND
SCALE: 1" = 1'-0"

4 PLAYGROUND PIT ADA RAMP
SCALE: 1" = 1'-0"

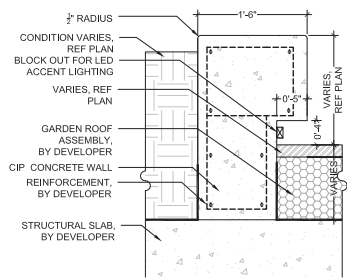
5 CIP CONCRETE CURB
SCALE: 1" = 1'-0"



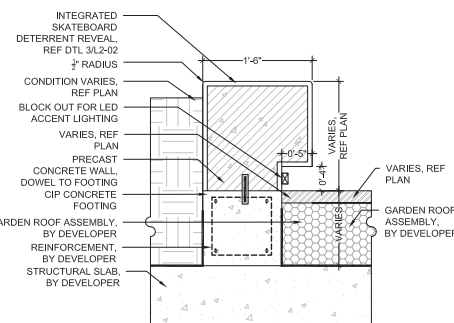
NOTE:
1)ADD SAND FINISH TO ALL EXPOSED FACES
2)VERTICAL 3/16\"/>



NOTE:
1)ADD SAND FINISH TO ALL EXPOSED FACES
2)VERTICAL 3/16\"/>



NOTE:
1)ADD SAND FINISH TO ALL EXPOSED FACES
2)VERTICAL 3/16\"/>



NOTE:
1)ADD SAND FINISH TO ALL EXPOSED FACES

6 CIP CONCRETE WALL, 8" W
SCALE: 1" = 1'-0"



7 CIP CONCRETE WALL, 12" W
SCALE: 1" = 1'-0"

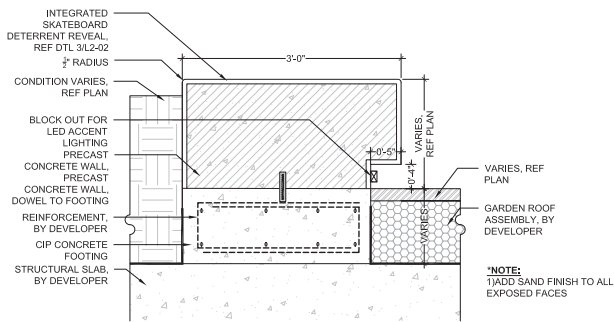
8 CIP CONCRETE WALL, 18" W
SCALE: 1" = 1'-0"

9 PRECAST CONCRETE WALL, 18" W
SCALE: 1" = 1'-0"

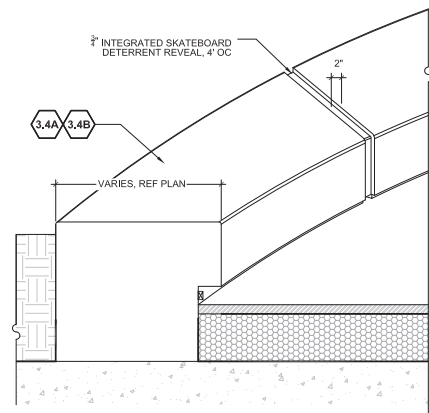
SITE KEYNOTES:

KEYNOTE	DETAIL / SHEET	REFERENCE
1.0 PAVEMENTS, RAMPS, AND CURBS		
1.1	CIP Concrete Paving, Sawcut Joints, Standard Grey, Broom Finish	1 / L2-01
1.2A	CIP Concrete Paving, Sawcut Joints, Light Sandstone Finish, Integral color	1 / L2-01
1.2B	CIP Concrete Paving, Sawcut Joints, Medium Sandstone Finish, Integral color	1 / L2-01
1.3	Concrete/Stone Unit Pavers Type 1	2 / L2-01
1.4	Concrete/Stone Unit Pavers Type 2	2 / L2-01
1.5	Concrete/Stone Unit Pavers Type 3	2 / L2-01
1.6	CIP Concrete Band	3 / L2-01
1.7	Precast Concrete Band	3 / L2-01
1.8	Playground Asphalt	REF CCD STDS
1.9	Rubberized Play Tiles	REF CCD/DPS STDS
1.10	Fiber Play Surface	REF CCD STDS
1.11	Asphalt Parking Paving / Parking Striping	REF CCD STDS
1.12	Playground Pk ADA Ramp	4 / L2-01
1.13	ADA Ramp	REF CCD STDS
1.14	CIP Concrete Curb and Gutter	REF CCD STDS
2.0 NOT USED		
3.0 STEPS, CURBS AND WALLS		
3.1	CIP Concrete Mural Wall	4.5 / L2-02
3.2	CIP Concrete Curb	5 / L2-01
3.3A	CIP Concrete Wall, 8" W	6 / L2-01
3.3B	CIP Concrete Wall, 12" W	7 / L2-01
3.3C	CIP Concrete Wall, 18" W	8 / L2-01
3.4A	Precast Concrete Seat Wall, 18" W	9 / L2-01
3.4B	Precast Concrete Seat Wall, 30" W	1.2 / L2-02
3.5	Precast Concrete Retaining Wall	3 / L2-02
3.6	Precast Concrete Step	1 / L2-03
3.7	CMU Screen Wall	2 / L2-03
3.8	Trash Enclosure	3 / L2-03
4.0 RAILINGS, BARRIERS AND FENCING		
4.1	Stainless Steel Handrail	1 / L2-04
4.2A	Custom Fencing Type 1	4 / L2-04
4.2B	Custom Fencing Type 2	5 / L2-04
4.2C	Custom Fencing Type 3	1 / L2-05
4.2D	Custom Fencing Type 4	1 / L2-05
4.3A	Fencing Gates Type 1	2 / L2-05
4.3B	Fencing Gates Type 2	4 / L2-05
4.3C	Fencing Gates Type 3	3 / L2-05
5.0 SPECIALTY ELEMENTS		
5.1	Shade Structure, Events Lawn Pavilion	1.2 / L2-06
5.2	Shade Structure, Type 1	1 / L2-07
5.3	Shade Structure, Type 2	1 / L2-08
5.4	Overlook	1 / L2-09
5.5	Concessions/Restroom Building	REF SCHED 10
5.6	Maintenance Building	REF SCHED 10
5.7	Splash Pad Water Elements	REF SCHED 10
5.8	Tot Lot Play Elements	REF SCHED 10
5.9	Playground Play Elements	REF SCHED 10
5.10	Synthetic Turf	REF SCHED 10
5.11	Removable Soccer Goal	REF CCD STDS
5.12	Basketball Goal	REF DPS STDS
5.13	Primary Play Structure, DPS	REF DPS STDS
5.14	Intermediate Play Structure, DPS	REF DPS STDS
5.15	Swings, DPS	REF DPS STDS
5.16	Painted Courts : Hop Scotch	REF DPS STDS
5.17	Painted Courts : Hop Scotch ADA	REF DPS STDS
5.18	Painted Court : Foursquare	REF DPS STDS
5.19	Painted Court : Tether Ball	REF DPS STDS
5.20	Shade Structure, DPS	REF DPS STDS
5.21	Sandstone Boulder	REF DPS STDS
6.0 FURNISHINGS		
6.1A	8' Diameter Precast Concrete Seating Pod	1 / L2-10
6.1B	10' Diameter Precast Concrete Seating Pod	2 / L2-10
6.2A	Bike Rack	REF SCHED 10
6.2B	Bike Share	REF SCHED 10
6.3	Tables and Chairs	REF SCHED 10
6.4	Trash/Recycle Receptacle	REF SCHED 10
6.5	Bench	REF SCHED 10
6.6	Custom Aluminum Bench	3 / L2-10
6.7	Removable Boulder	REF SCHED 10
6.8	Interpretive Sign	REF CDOT STDS
6.9	Drinking Fountain	REF SCHED 10
6.10	Picnic Table	REF SCHED 10
6.11	Tree Grate	REF SCHED 10
7.0 SITE LIGHTING AND ELECTRICAL		
7.1	Pedestrian Lighting	REF SCHED 10
7.2	Central Plaza Lighting	REF SCHED 10
7.3	Field Lighting	REF SCHED 10
7.4	Parking Lot Lighting	REF SCHED 10
7.5	Accent Lighting	REF SCHED 10
7.6	Tree Accent Lighting	REF SCHED 10
7.7	Electrical Outlets	REF SCHED 10
8.0 REFERENCE SECTIONS AND ELEVATIONS		
8.1	46th Avenue at Multi-Use Field	1 / L2-12
8.2	Clayton Street Cover Extension, South	2 / L2-12
8.3	Columbine Street Cover Extension, North	1 / L2-13
8.4	Clayton Street Cover Extension, North	3 / L2-12
8.5	Columbine Street Cover Extension, South	2 / L2-13
8.6	46th Avenue at Event Lawn	1 / L2-14
8.7	Tot Lot and Splash Pad	2.3 / L2-14
8.8	Multi-Use Field Fencing	4 / L2-14
8.9	Columbine Street	1 / L2-15
8.10	Central Plaza Space and Event Lawn	2.3 / L2-15, 1.2.3 / L2-16
8.11	East Side Community Space	1.2.3 / L2-17

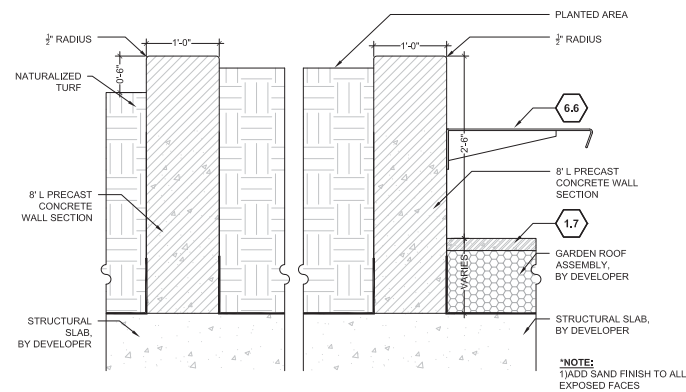
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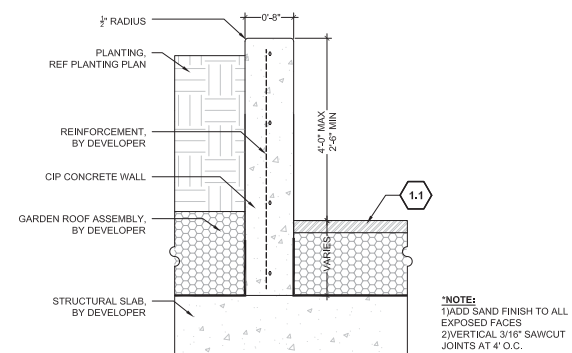
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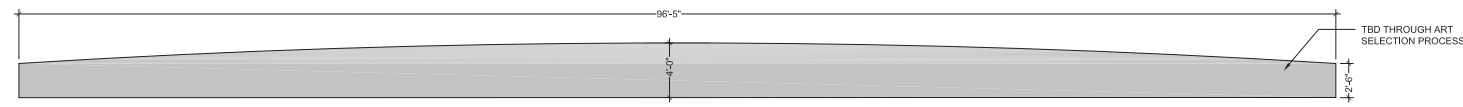
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3 PRECAST CONCRETE RETAINING WALL
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4 CIP CONCRETE MURAL WALL- SECTION
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5 CIP CONCRETE MURAL WALL- ELEVATION
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SITE KEYNOTES:

KEYNOTE	DETAIL / SHEET	REFERENCE
1.0 PAVEMENTS, RAMPS, AND CURBS		
1.1	CIP Concrete Paving, Sawcut Joints, Standard Grey, Broom Finish	1 / L2-01
1.2A	CIP Concrete Paving, Sawcut Joints, Light Sandstone Finish, Integral color	1 / L2-01
1.2B	CIP Concrete Paving, Sawcut Joints, Medium Sandstone Finish, Integral color	1 / L2-01
1.3	Concrete/Stone Unit Pavers Type 1	2 / L2-01
1.4	Concrete/Stone Unit Pavers Type 2	2 / L2-01
1.5	Concrete/Stone Unit Pavers Type 3	2 / L2-01
1.6	CIP Concrete Band	3 / L2-01
1.7	Precast Concrete Band	3 / L2-01
1.8	Playground Asphalt	REF CCD STDS
1.9	Rubberized Play Tiles	REF CCD/DPS STDS
1.10	Fiber Play Surface	REF CCD/DPS STDS
1.11	Asphalt Parking Paving / Parking Striping	REF CCD STDS
1.12	Playground PR ADA Ramp	4 / L2-01
1.13	ADA Ramp	REF CCD STDS
1.14	CIP Concrete Curb and Gutter	REF CCD STDS
2.0 NOT USED		
3.0 STEPS, CURBS AND WALLS		
3.1	CIP Concrete Mural Wall	4.5 / L2-02
3.2	CIP Concrete Curb	5 / L2-01
3.3A	CIP Concrete Wall, 8" W	6 / L2-01
3.3B	CIP Concrete Wall, 12" W	7 / L2-01
3.3C	CIP Concrete Wall, 18" W	8 / L2-01
3.4A	Precast Concrete Seat Wall, 18" W	9 / L2-01
3.4B	Precast Concrete Seat Wall, 36" W	1.2 / L2-02
3.5	Precast Concrete Retaining Wall	3 / L2-02
3.6	Precast Concrete Step	1 / L2-03
3.7	CMU Screen Wall	2 / L2-03
3.8	Trash Enclosure	3 / L2-03
4.0 RAILINGS, BARRIERS AND FENCING		
4.1	Stainless Steel Handrail	1 / L2-04
4.2A	Custom Fencing Type 1	4 / L2-04
4.2B	Custom Fencing Type 2	5 / L2-04
4.2C	Custom Fencing Type 3	1 / L2-05
4.2D	Custom Fencing Type 4	1 / L2-05
4.3A	Fencing Gates Type 1	2 / L2-05
4.3B	Fencing Gates Type 2	4 / L2-05
4.3C	Fencing Gates Type 3	3 / L2-05
5.0 SPECIALTY ELEMENTS		
5.1	Shade Structure, Events Lawn Pavilion	1.2 / L2-06
5.2	Shade Structure, Type 1	1 / L2-07
5.3	Shade Structure, Type 2	1 / L2-08
5.4	Overlook	1 / L2-09
5.5	Concessions/Restroom Building	REF SCHED 10
5.6	Maintenance Building	REF SCHED 10
5.7	Splash Pad Water Elements	REF SCHED 10
5.8	Tot Lot Play Elements	REF SCHED 10
5.9	Playground Play Elements	REF SCHED 10
5.10	Synthetic Turf	REF SCHED 10
5.11	Removable Soccer Goal	REF CCD STDS
5.12	Basketball Goal	REF DPS STDS
5.13	Primary Play Structure, DPS	REF DPS STDS
5.14	Intermediate Play Structure, DPS	REF DPS STDS
5.15	Swings, DPS	REF DPS STDS
5.16	Painted Courts : Hop Scotch	REF DPS STDS
5.17	Painted Court : Hop Scotch ADA	REF DPS STDS
5.18	Painted Court : Foursquare	REF DPS STDS
5.19	Painted Court : Tether Ball	REF DPS STDS
5.20	Shade Structure, DPS	REF DPS STDS
5.21	Sandstone Boulder	REF DPS STDS
6.0 FURNISHINGS		
6.1A	8' Diameter Precast Concrete Seating Pod	1 / L2-10
6.1B	10' Diameter Precast Concrete Seating Pod	2 / L2-10
6.2A	Bike Rack	REF SCHED 10
6.2B	Bike Share	REF SCHED 10
6.3	Tables and Chairs	REF SCHED 10
6.4	Trash/Recycle Receptacle	REF SCHED 10
6.5	Bench	REF SCHED 10
6.6	Custom Aluminum Bench	3 / L2-10
6.7	Removable Bollard	REF SCHED 10
6.8	Interpretive Sign	REF CDOT STDS
6.9	Drinking Fountain	REF SCHED 10
6.10	Picnic Table	REF SCHED 10
6.11	Tree Grate	REF SCHED 10
7.0 SITE LIGHTING AND ELECTRICAL		
7.1	Pedestrian Lighting	REF SCHED 10
7.2	Central Plaza Lighting	REF SCHED 10
7.3	Field Lighting	REF SCHED 10
7.4	Parking Lot Lighting	REF SCHED 10
7.5	Accent Lighting	REF SCHED 10
7.6	Tree Accent Lighting	REF SCHED 10
7.7	Electrical Outlets	REF SCHED 10
8.0 REFERENCE SECTIONS AND ELEVATIONS		
8.1	46th Avenue at Multi-Use Field	1 / L2-12
8.2	Clayton Street Cover Extension, South	2 / L2-12
8.3	Columbine Street Cover Extension, North	1 / L2-13
8.4	Clayton Street Cover Extension, North	3 / L2-12
8.5	Columbine Street Cover Extension, South	2 / L2-13
8.6	46th Avenue at Event Lawn	1 / L2-14
8.7	Tot Lot and Splash Pad	2.3 / L2-14
8.8	Multi-Use Field Fencing	4 / L2-14
8.9	Columbine Street	1 / L2-15
8.10	Central Plaza Space and Event Lawn	2.3 / L2-15, 12.3 / L2-16
8.11	East Side Community Space	1.2.3 / L2-17

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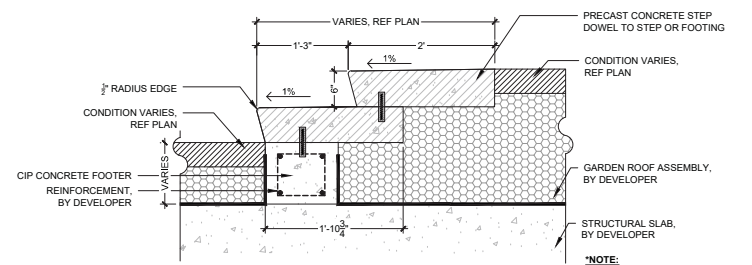
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Date:	Comments	Init.

Colorado Department of Transportation
2000 South Holly Street
Denver, CO 80222
Phone: 303-757-9295 FAX: 303-757-9963
Region 1

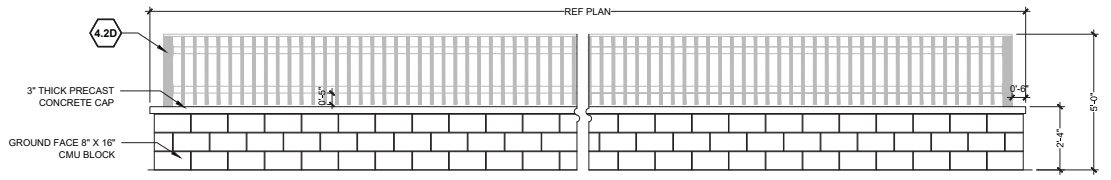
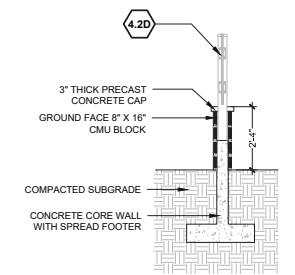
As Constructed
No Revisions:
Revised:
Void:

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Detailer:	N/A
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Structure Numbers	
Subset Sheets:	of

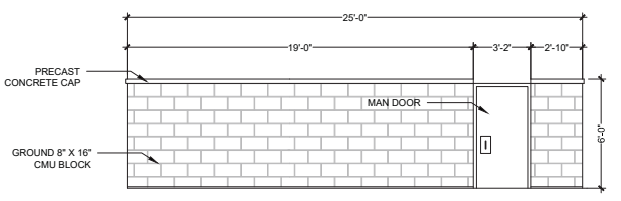
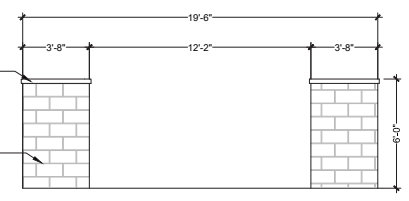
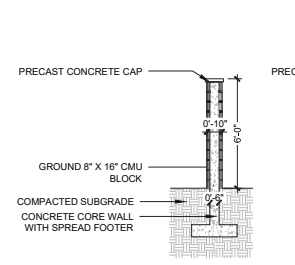
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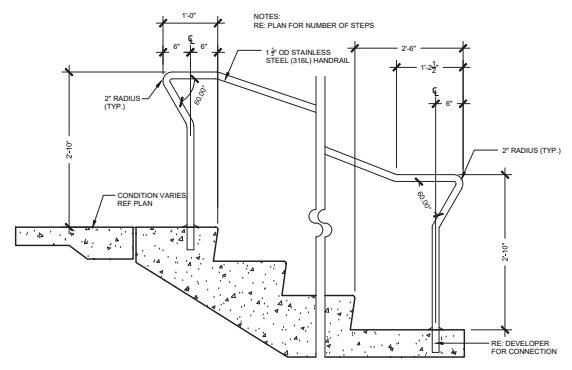
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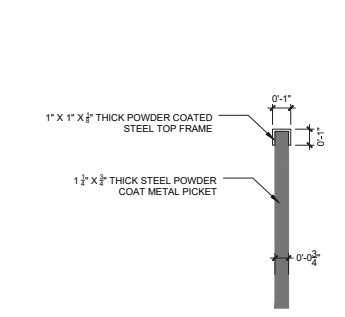
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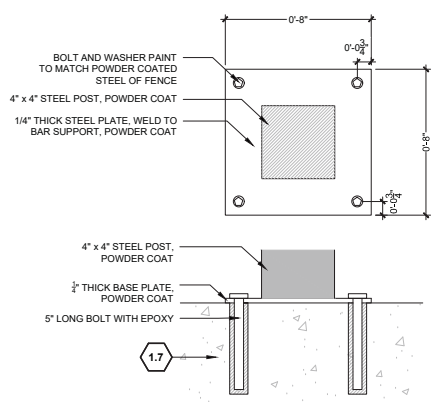
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4 STAINLESS STEEL HANDRAIL
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5 PICKET AND TOP FRAME SECTION
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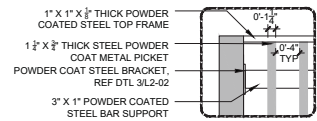
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SITE KEYNOTES:

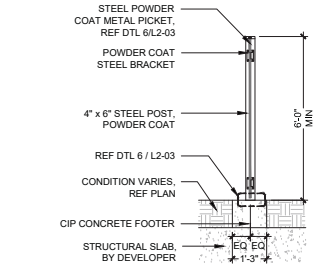
KEYNOTE	DETAIL / SHEET	REFERENCE
1.0 PAVEMENTS, RAMPS, AND CURBS		
1.1	CIP Concrete Paving, Sawcut Joints, Standard Grey, Broom Finish	1 / L2-01
1.2A	CIP Concrete Paving, Sawcut Joints, Light Sandstone Finish, Integral color	1 / L2-01
1.2B	CIP Concrete Paving, Sawcut Joints, Medium Sandstone Finish, Integral color	1 / L2-01
1.3	Concrete/Stone Unit Pavers Type 1	2 / L2-01
1.4	Concrete/Stone Unit Pavers Type 2	2 / L2-01
1.5	Concrete/Stone Unit Pavers Type 3	2 / L2-01
1.6	CIP Concrete Band	3 / L2-01
1.7	Precast Concrete Band	3 / L2-01
1.8	Playground Asphalt	REF CCD STDS
1.9	Rubberized Play Tiles	REF CCD/DPS STDS
1.10	Fbar Play Surface	REF CCD/DPS STDS
1.11	Asphalt Parking Paving / Parking Striping	REF CCD STDS
1.12	Playground P/A ADA Ramp	4 / L2-01
1.13	ADA Ramp	REF CCD STDS
1.14	CIP Concrete Curb and Gutter	REF CCD STDS
2.0 NOT USED		
3.0 STEPS, CURBS AND WALLS		
3.1	CIP Concrete Mural Wall	4,5 / L2-02
3.2	CIP Concrete Curb	5 / L2-01
3.3A	CIP Concrete Wall, 8" W	6 / L2-01
3.3B	CIP Concrete Wall, 12" W	7 / L2-01
3.3C	CIP Concrete Wall, 18" W	8 / L2-01
3.4A	Precast Concrete Seat Wall, 18" W	9 / L2-01
3.4B	Precast Concrete Seat Wall, 36" W	1,2 / L2-02
3.5	Precast Concrete Retaining Wall	3 / L2-02
3.6	Precast Concrete Step	1 / L2-03
3.7	CMU Screen Wall	2 / L2-03
3.8	Trash Enclosure	3 / L2-03
4.0 RAILINGS, BARRIERS AND FENCING		
4.1	Stainless Steel Handrail	1 / L2-04
4.2A	Custom Fencing Type 1	4 / L2-04
4.2B	Custom Fencing Type 2	5 / L2-04
4.2C	Custom Fencing Type 3	1 / L2-05
4.2D	Custom Fencing Type 4	1 / L2-05
4.3A	Fencing Gates Type 1	2 / L2-05
4.3B	Fencing Gates Type 2	4 / L2-05
4.3C	Fencing Gates Type 3	3 / L2-05
5.0 SPECIALTY ELEMENTS		
5.1	Shade Structure, Events Lawn Pavilion	1,2 / L2-06
5.2	Shade Structure, Type 1	1 / L2-07
5.3	Shade Structure, Type 2	1 / L2-08
5.4	Overlook	1 / L2-09
5.5	Concessions/Restroom Building	REF SCHED 10
5.6	Maintenance Building	REF SCHED 10
5.7	Splash Pad Water Elements	REF SCHED 10
5.8	Tot Lot Play Elements	REF SCHED 10
5.9	Playground Play Elements	REF SCHED 10
5.10	Synthetic Turf	REF SCHED 10
5.11	Removable Soccer Goal	REF CCD STDS
5.12	Basketball Goal	REF DPS STDS
5.13	Primary Play Structure, DPS	REF DPS STDS
5.14	Intermediate Play Structure, DPS	REF DPS STDS
5.15	Swings, DPS	REF DPS STDS
5.16	Painted Courts: Hop Scotch	REF DPS STDS
5.17	Painted Court: Hop Scotch ADA	REF DPS STDS
5.18	Painted Court: Foursquare	REF DPS STDS
5.19	Painted Court: Tether Ball	REF DPS STDS
5.20	Shade Structure, DPS	REF DPS STDS
5.21	Sandstone Boulder	REF DPS STDS
6.0 FURNISHINGS		
6.1A	8' Diameter Precast Concrete Seating Pod	1 / L2-10
6.1B	10' Diameter Precast Concrete Seating Pod	2 / L2-10
6.2A	Bike Rack	REF SCHED 10
6.2B	Bike Share	REF SCHED 10
6.3	Tables and Chairs	REF SCHED 10
6.4	Trash/Recycle Receptacle	REF SCHED 10
6.5	Bench	REF SCHED 10
6.6	Custom Aluminum Bench	3 / L2-10
6.7	Removable Bollard	REF SCHED 10
6.8	Interpretive Sign	REF CDOT STDS
6.9	Drinking Fountain	REF SCHED 10
6.10	Picnic Table	REF SCHED 10
6.11	Tree Grate	REF SCHED 10
7.0 SITE LIGHTING AND ELECTRICAL		
7.1	Pedestrian Lighting	REF SCHED 10
7.2	Central Plaza Lighting	REF SCHED 10
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7.4	Parking Lot Lighting	REF SCHED 10
7.5	Accent Lighting	REF SCHED 10
7.6	Tree Accent Lighting	REF SCHED 10
7.7	Electrical Outlets	REF SCHED 10
8.0 REFERENCE SECTIONS AND ELEVATIONS		
8.1	48th Avenue at Multi-Use Field	1 / L2-12
8.2	Clayton Street Cover Extension, South	2 / L2-12
8.3	Columbine Street Cover Extension, North	1 / L2-13
8.4	Clayton Street Cover Extension, North	3 / L2-12
8.5	Columbine Street Cover Extension, South	2 / L2-13
8.6	48th Avenue at Event Lawn	1 / L2-14
8.7	Tot Lot and Splash Pad	2,3 / L2-14
8.8	Multi-Use Field Fencing	4 / L2-14
8.9	Columbine Street	1 / L2-15
8.10	Central Plaza Space and Event Lawn	2,3 / L2-15, 1,2,3 / L2-16
8.11	East Side Community Space	1,2,3 / L2-17

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Date:	Comments	Init.															

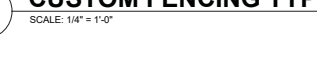




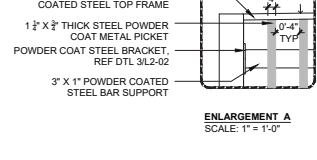
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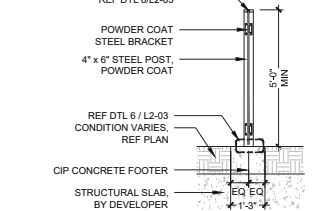
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ENLARGEMENT A
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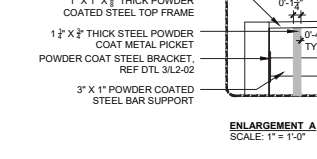
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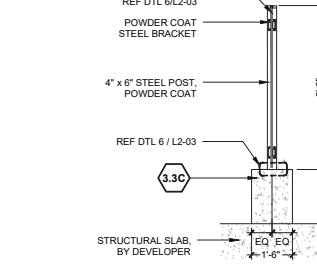
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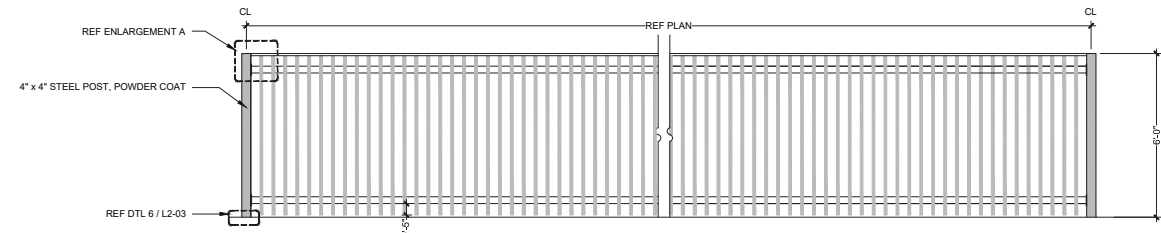
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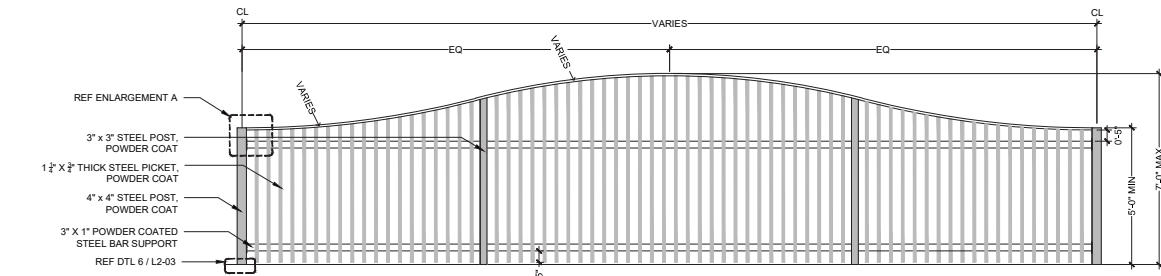
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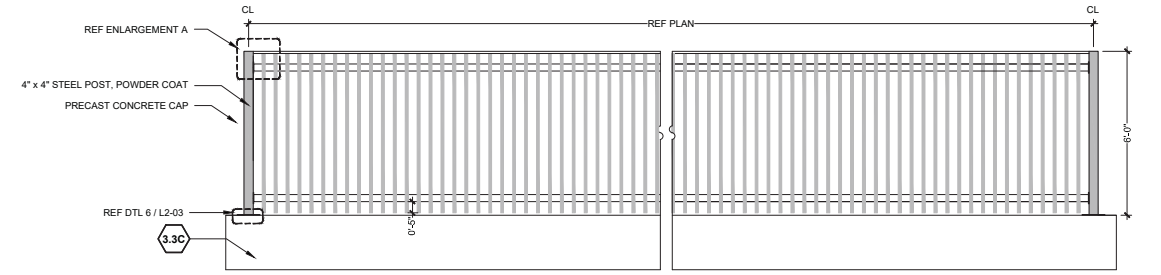
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*NOTE:
ALL FENCE COMPONENTS
TO BE PAINTED PANTONE 185 C



*NOTE:
ALL FENCE COMPONENTS
TO BE PAINTED PANTONE 185 C



SITE KEYNOTES:

KEYNOTE	DETAIL / SHEET	REFERENCE
1.0 PAVEMENTS, RAMPS, AND CURBS		
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1.8	Playground Asphalt	REF CCD STDS
1.9	Rubberized Play Tiles	REF CCD/DPS STDS
1.10	Fbar Play Surface	REF CCD/DPS STDS
1.11	Asphalt Parking Paving / Parking Striping	REF CCD STDS
1.12	Playground P/A ADA Ramp	4 / L2-01
1.13	ADA Ramp	REF CCD STDS
1.14	CIP Concrete Curb and Gutter	REF CCD STDS
2.0 NOT USED		
3.0 STEPS, CURBS AND WALLS		
3.1	CIP Concrete Mural Wall	4.5 / L2-02
3.2	CIP Concrete Curb	5 / L2-01
3.3A	CIP Concrete Wall, 8" W	6 / L2-01
3.3B	CIP Concrete Wall, 12" W	7 / L2-01
3.3C	CIP Concrete Wall, 18" W	8 / L2-01
3.4A	Precast Concrete Seat Wall, 18" W	9 / L2-01
3.4B	Precast Concrete Seat Wall, 36" W	1.2 / L2-02
3.5	Precast Concrete Retaining Wall	3 / L2-02
3.6	Precast Concrete Step	1 / L2-03
3.7	CMU Screen Wall	2 / L2-03
3.8	Trash Enclosure	3 / L2-03
4.0 RAILINGS, BARRIERS AND FENCING		
4.1	Stainless Steel Handrail	1 / L2-04
4.2A	Custom Fencing Type 1	4 / L2-04
4.2B	Custom Fencing Type 2	5 / L2-04
4.2C	Custom Fencing Type 3	1 / L2-05
4.2D	Custom Fencing Type 4	1 / L2-05
4.3A	Fencing Gates Type 1	2 / L2-05
4.3B	Fencing Gates Type 2	4 / L2-05
4.3C	Fencing Gates Type 3	3 / L2-05
5.0 SPECIALTY ELEMENTS		
5.1	Shade Structure, Events Lawn Pavilion	1.2 / L2-06
5.2	Shade Structure, Type 1	1 / L2-07
5.3	Shade Structure, Type 2	1 / L2-08
5.4	Overlook	1 / L2-09
5.5	Concessions/Restroom Building	REF SCHED 10
5.6	Maintenance Building	REF SCHED 10
5.7	Splash Pad Water Elements	REF SCHED 10
5.8	Tot Lot Play Elements	REF SCHED 10
5.9	Playground Play Elements	REF SCHED 10
5.10	Synthetic Turf	REF SCHED 10
5.11	Removable Soccer Goal	REF CCD STDS
5.12	Basketball Goal	REF DPS STDS
5.13	Primary Play Structure, DPS	REF DPS STDS
5.14	Intermediate Play Structure, DPS	REF DPS STDS
5.15	Swings, DPS	REF DPS STDS
5.16	Painted Courts: Hop Scotch	REF DPS STDS
5.17	Painted Court: Hop Scotch ADA	REF DPS STDS
5.18	Painted Court: Foursquare	REF DPS STDS
5.19	Painted Court: Tether Ball	REF DPS STDS
5.20	Shade Structure, DPS	REF DPS STDS
5.21	Sandstone Boulder	REF DPS STDS
6.0 FURNISHINGS		
6.1A	8' Diameter Precast Concrete Seating Pod	1 / L2-10
6.1B	10' Diameter Precast Concrete Seating Pod	2 / L2-10
6.2A	Bike Rack	REF SCHED 10
6.2B	Bike Share	REF SCHED 10
6.3	Tables and Chairs	REF SCHED 10
6.4	Trash/Recycle Receptacle	REF SCHED 10
6.5	Bench	REF SCHED 10
6.6	Custom Aluminum Bench	3 / L2-10
6.7	Removable Bollard	REF SCHED 10
6.8	Interpretive Sign	REF CDOT STDS
6.9	Drinking Fountain	REF SCHED 10
6.10	Picnic Table	REF SCHED 10
6.11	Tree Grate	REF SCHED 10
7.0 SITE LIGHTING AND ELECTRICAL		
7.1	Pedestrian Lighting	REF SCHED 10
7.2	Central Plaza Lighting	REF SCHED 10
7.3	Field Lighting	REF SCHED 10
7.4	Parking Lot Lighting	REF SCHED 10
7.5	Accent Lighting	REF SCHED 10
7.6	Tree Accent Lighting	REF SCHED 10
7.7	Electrical Outlets	REF SCHED 10
8.0 REFERENCE SECTIONS AND ELEVATIONS		
8.1	48th Avenue at Multi-Use Field	1 / L2-12
8.2	Clayton Street Cover Extension, South	2 / L2-12
8.3	Columbine Street Cover Extension, North	1 / L2-13
8.4	Clayton Street Cover Extension, North	3 / L2-12
8.5	Columbine Street Cover Extension, South	2 / L2-13
8.6	48th Avenue at Event Lawn	1 / L2-14
8.7	Tot Lot and Splash Pad	2.3 / L2-14
8.8	Multi-Use Field Fencing	4 / L2-14
8.9	Columbine Street	1 / L2-15
8.10	Central Plaza Space and Event Lawn	2.3 / L2-15, 1.2.3 / L2-16
8.11	East Side Community Space	1.2.3 / L2-17

1 CUSTOM FENCING TYPE 1
SCALE: 1/4" = 1'-0"



2 CUSTOM FENCING TYPE 2
SCALE: 3/8" = 1'-0"

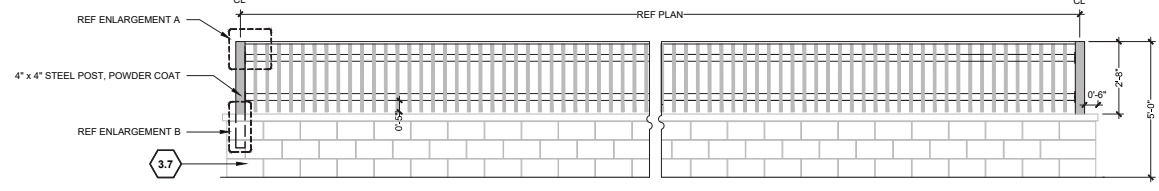
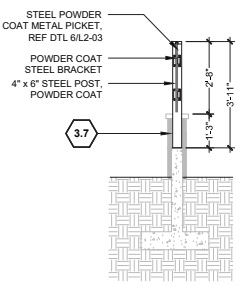
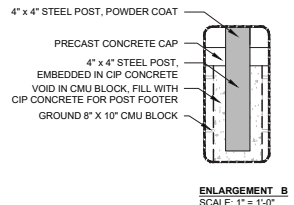
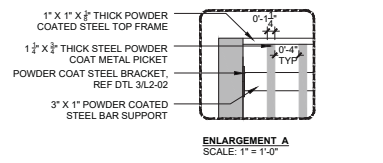
3 CUSTOM FENCING TYPE 3
SCALE: 1/4" = 1'-0"

4.2A

4.2B

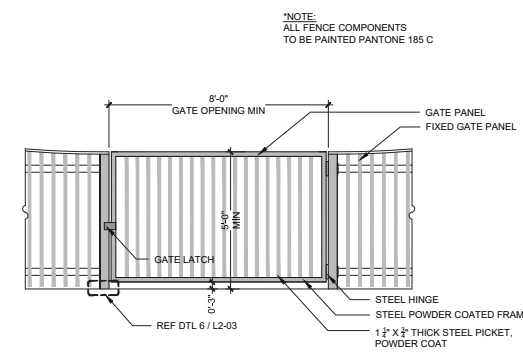
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Print Date:	Sheet Revisions			Colorado Department of Transportation	As Constructed	LID PARK DETAILS		Project No./Code
File Name:	Date:	Comments	Init.	 2000 South Holly Street Denver, CO 80222 Phone: 303-757-9295 FAX: 303-757-9963 Region 1	No Revisions:	Designer: N/A	Structure Numbers	7749-000
Scale:					Revised:	Detailer: N/A		
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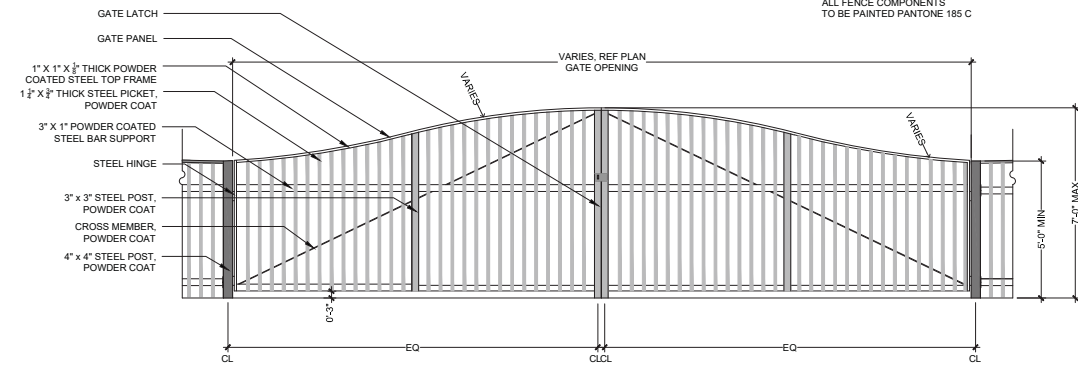


*NOTE:
ALL FENCE COMPONENTS
TO BE PAINTED PANTONE 185 C

1 CUSTOM FENCING TYPE 4
SCALE: 3/8" = 1'-0"



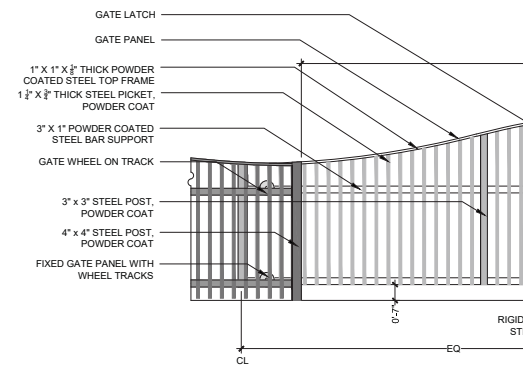
*NOTE:
ALL FENCE COMPONENTS
TO BE PAINTED PANTONE 185 C



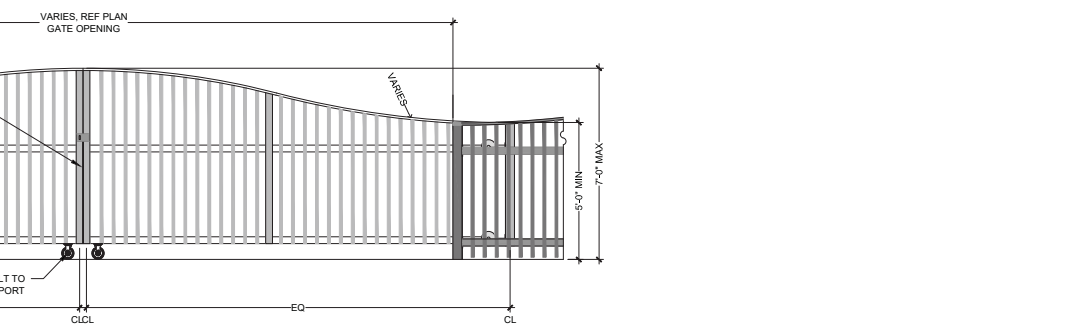
*NOTE:
ALL FENCE COMPONENTS
TO BE PAINTED PANTONE 185 C

2 FENCING GATES TYPE 1 (SWING GATE)
SCALE: 3/8" = 1'-0"

3 FENCING GATES TYPE 3 (SWING GATE)
SCALE: 3/8" = 1'-0"



*NOTE:
ALL FENCE COMPONENTS
TO BE PAINTED PANTONE 185 C



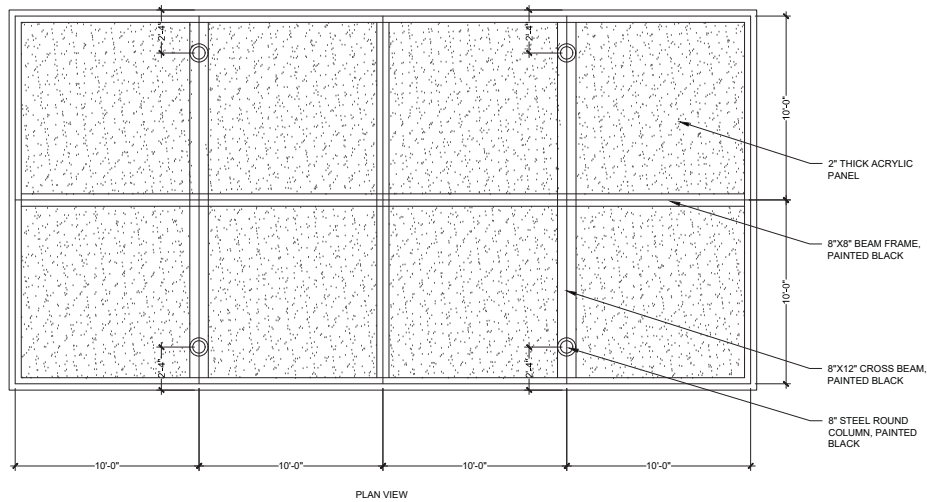
4 FENCING GATES TYPE 2 (ROLLING GATE)
SCALE: 3/8" = 1'-0"

*NOTE:
ALL FENCE COMPONENTS
TO BE PAINTED PANTONE 185 C

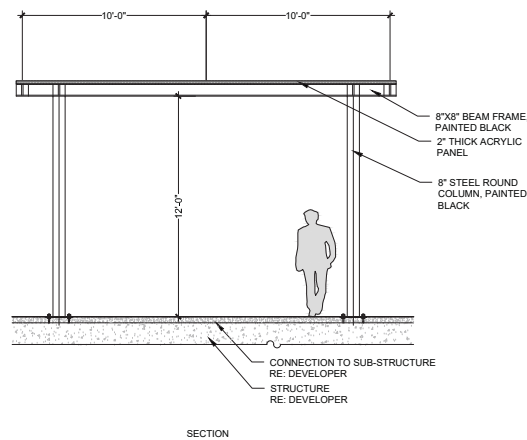
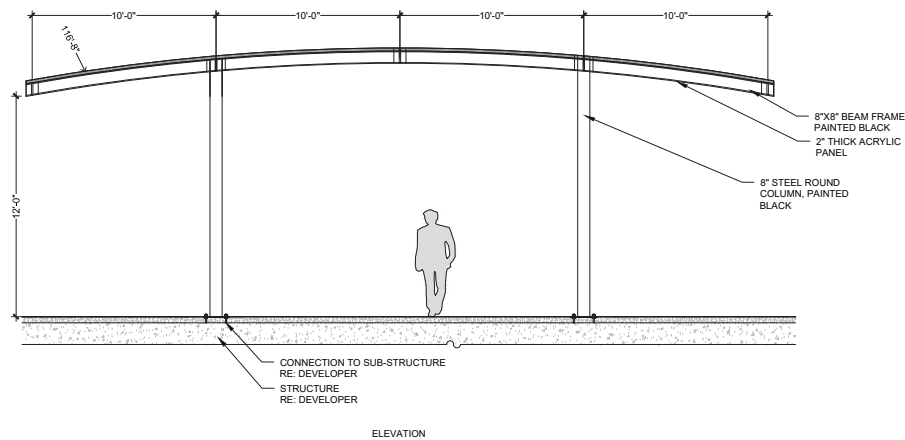
SITE KEYNOTES:

KEYNOTE	DETAIL / SHEET	REFERENCE
1.0 PAVEMENTS, RAMPS, AND CURBS		
1.1	CIP Concrete Paving, Sawcut Joints, Standard Grey, Broom Finish	1 / L2-01
1.2A	CIP Concrete Paving, Sawcut Joints, Light Sandstone Finish, Integral color	1 / L2-01
1.2B	CIP Concrete Paving, Sawcut Joints, Medium Sandstone Finish, Integral color	1 / L2-01
1.3	Concrete/Stone Unit Pavers Type 1	2 / L2-01
1.4	Concrete/Stone Unit Pavers Type 2	2 / L2-01
1.5	Concrete/Stone Unit Pavers Type 3	2 / L2-01
1.6	CIP Concrete Band	3 / L2-01
1.7	Precast Concrete Band	3 / L2-01
1.8	Playground Asphalt	REF CCD STDS
1.9	Rubberized Play Tiles	REF CCD/DPS STDS
1.10	Fbar Play Surface	REF CCD/DPS STDS
1.11	Asphalt Parking Paving / Parking Striping	REF CCD STDS
1.12	Playground P/A ADA Ramp	4 / L2-01
1.13	ADA Ramp	REF CCD STDS
1.14	CIP Concrete Curb and Gutter	REF CCD STDS
2.0 NOT USED		
3.0 STEPS, CURBS AND WALLS		
3.1	CIP Concrete Mural Wall	4.5 / L2-02
3.2	CIP Concrete Curb	5 / L2-01
3.3A	CIP Concrete Wall, 8" W	6 / L2-01
3.3B	CIP Concrete Wall, 12" W	7 / L2-01
3.3C	CIP Concrete Wall, 18" W	8 / L2-01
3.4A	Precast Concrete Seat Wall, 18" W	9 / L2-01
3.4B	Precast Concrete Seat Wall, 36" W	1.2 / L2-02
3.5	Precast Concrete Retaining Wall	3 / L2-02
3.6	Precast Concrete Step	1 / L2-03
3.7	CMU Screen Wall	2 / L2-03
3.8	Trash Enclosure	3 / L2-03
4.0 RAILINGS, BARRIERS AND FENCING		
4.1	Stainless Steel Handrail	1 / L2-04
4.2A	Custom Fencing Type 1	4 / L2-04
4.2B	Custom Fencing Type 2	5 / L2-04
4.2C	Custom Fencing Type 3	1 / L2-05
4.2D	Custom Fencing Type 4	1 / L2-05
4.3A	Fencing Gates Type 1	2 / L2-05
4.3B	Fencing Gates Type 2	4 / L2-05
4.3C	Fencing Gates Type 3	3 / L2-05
5.0 SPECIALTY ELEMENTS		
5.1	Shade Structure, Events Lawn Pavilion	1.2 / L2-06
5.2	Shade Structure, Type 1	1 / L2-07
5.3	Shade Structure, Type 2	1 / L2-08
5.4	Overlook	1 / L2-09
5.5	Concessions/Restroom Building	REF SCHED 10
5.6	Maintenance Building	REF SCHED 10
5.7	Splash Pad Water Elements	REF SCHED 10
5.8	Tot Lot Play Elements	REF SCHED 10
5.9	Playground Play Elements	REF SCHED 10
5.10	Synthetic Turf	REF SCHED 10
5.11	Removable Soccer Goal	REF CCD STDS
5.12	Basketball Goal	REF DPS STDS
5.13	Primary Play Structure, DPS	REF DPS STDS
5.14	Intermediate Play Structure, DPS	REF DPS STDS
5.15	Swings, DPS	REF DPS STDS
5.16	Painted Courts: Hop Scotch	REF DPS STDS
5.17	Painted Court: Hop Scotch ADA	REF DPS STDS
5.18	Painted Court: Foursquare	REF DPS STDS
5.19	Painted Court: Tether Ball	REF DPS STDS
5.20	Shade Structure, DPS	REF DPS STDS
5.21	Sandstone Boulder	REF DPS STDS
6.0 FURNISHINGS		
6.1A	8' Diameter Precast Concrete Seating Pod	1 / L2-10
6.1B	10' Diameter Precast Concrete Seating Pod	2 / L2-10
6.2A	Bike Rack	REF SCHED 10
6.2B	Bike Share	REF SCHED 10
6.3	Tables and Chairs	REF SCHED 10
6.4	Trash/Recycle Receptacle	REF SCHED 10
6.5	Bench	REF SCHED 10
6.6	Custom Aluminum Bench	3 / L2-10
6.7	Removable Bollard	REF SCHED 10
6.8	Interpretive Sign	REF CDOT STDS
6.9	Drinking Fountain	REF SCHED 10
6.10	Picnic Table	REF SCHED 10
6.11	Tree Grate	REF SCHED 10
7.0 SITE LIGHTING AND ELECTRICAL		
7.1	Pedestrian Lighting	REF SCHED 10
7.2	Central Plaza Lighting	REF SCHED 10
7.3	Field Lighting	REF SCHED 10
7.4	Parking Lot Lighting	REF SCHED 10
7.5	Accent Lighting	REF SCHED 10
7.6	Tree Accent Lighting	REF SCHED 10
7.7	Electrical Outlets	REF SCHED 10
8.0 REFERENCE SECTIONS AND ELEVATIONS		
8.1	48th Avenue at Multi-Use Field	1 / L2-12
8.2	Clayton Street Cover Extension, South	2 / L2-12
8.3	Columbine Street Cover Extension, North	1 / L2-13
8.4	Clayton Street Cover Extension, North	3 / L2-12
8.5	Columbine Street Cover Extension, South	2 / L2-13
8.6	48th Avenue at Event Lawn	1 / L2-14
8.7	Tot Lot and Splash Pad	2.3 / L2-14
8.8	Multi-Use Field Fencing	4 / L2-14
8.9	Columbine Street	1 / L2-15
8.10	Central Plaza Space and Event Lawn	2.3 / L2-15, 1.2.3 / L2-16
8.11	East Side Community Space	1.2.3 / L2-17

Print Date:		Sheet Revisions	Colorado Department of Transportation	As Constructed	LID PARK DETAILS	Project No./Code
File Name:		Date:	Comments	No Revisions:		7749-000
Scale:		Init.	Init.	Revised:	Designer: N/A	
				Void:	Detailer: N/A	Structure Numbers
		2000 South Holly Street Denver, CO 80222 Phone: 303-757-9295 FAX: 303-757-9963 Region 1		Sheet Subset: LID PARK	Subset Sheets: of	Sheet Number L2.05



*NOTE:
DRAWINGS ARE FOR
DESIGN INTENT ONLY.



1 SHADE STRUCTURE, TYPE 1

SCALE: 1/4" = 1'-0"

5.3A

SITE KEYNOTES:

DETAIL / SHEET	REFERENCE
1.0 PAVEMENTS, RAMPS, AND CURBS	
1.1 CIP Concrete Paving, Sawcut Joints, Standard Grey, Broom Finish	1 / L2-01
1.2A CIP Concrete Paving, Sawcut Joints, Light Sandstone Finish, Integral color	1 / L2-01
1.2B CIP Concrete Paving, Sawcut Joints, Medium Sandstone Finish, Integral color	1 / L2-01
1.3 Concrete/Stone Unit Pavers Type 1	2 / L2-01
1.4 Concrete/Stone Unit Pavers Type 2	2 / L2-01
1.5 Concrete/Stone Unit Pavers Type 3	2 / L2-01
1.6 CIP Concrete Band	3 / L2-01
1.7 Precast Concrete Band	3 / L2-01
1.8 Playground Asphalt	REF CCD STDS
1.9 Rubberized Play Tiles	REF CCD/DPS STDS
1.10 Fibar Play Surface	REF CCD/DPS STDS
1.11 Asphalt Parking Paving / Parking Striping	REF CCD STDS
1.12 Playground P/A ADA Ramp	4 / L2-01
1.13 ADA Ramp	REF CCD STDS
1.14 CIP Concrete Curb and Gutter	REF CCD STDS
2.0 NOT USED	
3.0 STEPS, CURBS AND WALLS	
3.1 CIP Concrete Mural Wall	4.5 / L2-02
3.2 CIP Concrete Curb	5 / L2-01
3.3A CIP Concrete Wall, 8" W	6 / L2-01
3.3B CIP Concrete Wall, 12" W	7 / L2-01
3.3C CIP Concrete Wall, 18" W	8 / L2-01
3.4A Precast Concrete Seat Wall, 18" W	9 / L2-01
3.4B Precast Concrete Seat Wall, 36" W	1.2 / L2-02
3.5 Precast Concrete Retaining Wall	3 / L2-02
3.6 Precast Concrete Step	1 / L2-03
3.7 CMU Screen Wall	2 / L2-03
3.8 Trash Enclosure	3 / L2-03
4.0 RAILINGS, BARRIERS AND FENCING	
4.1 Stainless Steel Handrail	1 / L2-04
4.2A Custom Fencing Type 1	4 / L2-04
4.2B Custom Fencing Type 2	5 / L2-04
4.2C Custom Fencing Type 3	1 / L2-05
4.2D Custom Fencing Type 4	1 / L2-05
4.3A Fencing Gates Type 1	2 / L2-05
4.3B Fencing Gates Type 2	4 / L2-05
4.3C Fencing Gates Type 3	3 / L2-05
5.0 SPECIALTY ELEMENTS	
5.1 Shade Structure, Events Lawn Pavilion	1.2 / L2-06
5.2 Shade Structure, Type 1	1 / L2-07
5.3 Shade Structure, Type 2	1 / L2-08
5.4 Overlook	1 / L2-09
5.5 Concessions/Restroom Building	REF SCHED 10
5.6 Maintenance Building	REF SCHED 10
5.7 Splash Pad Water Elements	REF SCHED 10
5.8 Tot Lot Play Elements	REF SCHED 10
5.9 Playground Play Elements	REF SCHED 10
5.10 Synthetic Turf	REF SCHED 10
5.11 Removable Soccer Goal	REF CCD STDS
5.12 Basketball Goal	REF DPS STDS
5.13 Primary Play Structure, DPS	REF DPS STDS
5.14 Intermediate Play Structure, DPS	REF DPS STDS
5.15 Swings, DPS	REF DPS STDS
5.16 Painted Courts: Hop Scotch	REF DPS STDS
5.17 Painted Court: Hop Scotch ADA	REF DPS STDS
5.18 Painted Court: Foursquare	REF DPS STDS
5.19 Painted Court: Tether Ball	REF DPS STDS
5.20 Shade Structure, DPS	REF DPS STDS
5.21 Sandstone Boulder	
6.0 FURNISHINGS	
6.1A 8' Diameter Precast Concrete Seating Pod	1 / L2-10
6.1B 10' Diameter Precast Concrete Seating Pod	2 / L2-10
6.2A Bike Rack	REF SCHED 10
6.2B Bike Share	REF SCHED 10
6.3 Tables and Chairs	REF SCHED 10
6.4 Trash/Recycle Receptacle	REF SCHED 10
6.5 Bench	REF SCHED 10
6.6 Custom Aluminum Bench	3 / L2-10
6.7 Removable Bollard	REF SCHED 10
6.8 Interpretive Sign	REF CDOT STDS
6.9 Drinking Fountain	REF SCHED 10
6.10 Picnic Table	REF SCHED 10
6.11 Tree Grate	REF SCHED 10
7.0 SITE LIGHTING AND ELECTRICAL	
7.1 Pedestrian Lighting	REF SCHED 10
7.2 Central Plaza Lighting	REF SCHED 10
7.3 Field Lighting	REF SCHED 10
7.4 Parking Lot Lighting	REF SCHED 10
7.5 Accent Lighting	REF SCHED 10
7.6 Tree Accent Lighting	REF SCHED 10
7.7 Electrical Outlets	REF SCHED 10
8.0 REFERENCE SECTIONS AND ELEVATIONS	
8.1 48th Avenue at Multi-Use Field	1 / L2-12
8.2 Clayton Street Cover Extension, South	2 / L2-12
8.3 Columbine Street Cover Extension, North	1 / L2-13
8.4 Clayton Street Cover Extension, North	3 / L2-12
8.5 Columbine Street Cover Extension, South	2 / L2-13
8.6 48th Avenue at Event Lawn	1 / L2-14
8.7 Tot Lot and Splash Pad	2.3 / L2-14
8.8 Multi-Use Field Fencing	4 / L2-14
8.9 Columbine Street	1 / L2-15
8.10 Central Plaza Space and Event Lawn	2.3 / L2-15, 1.2.3 / L2-16
8.11 East Side Community Space	1.2.3 / L2-17

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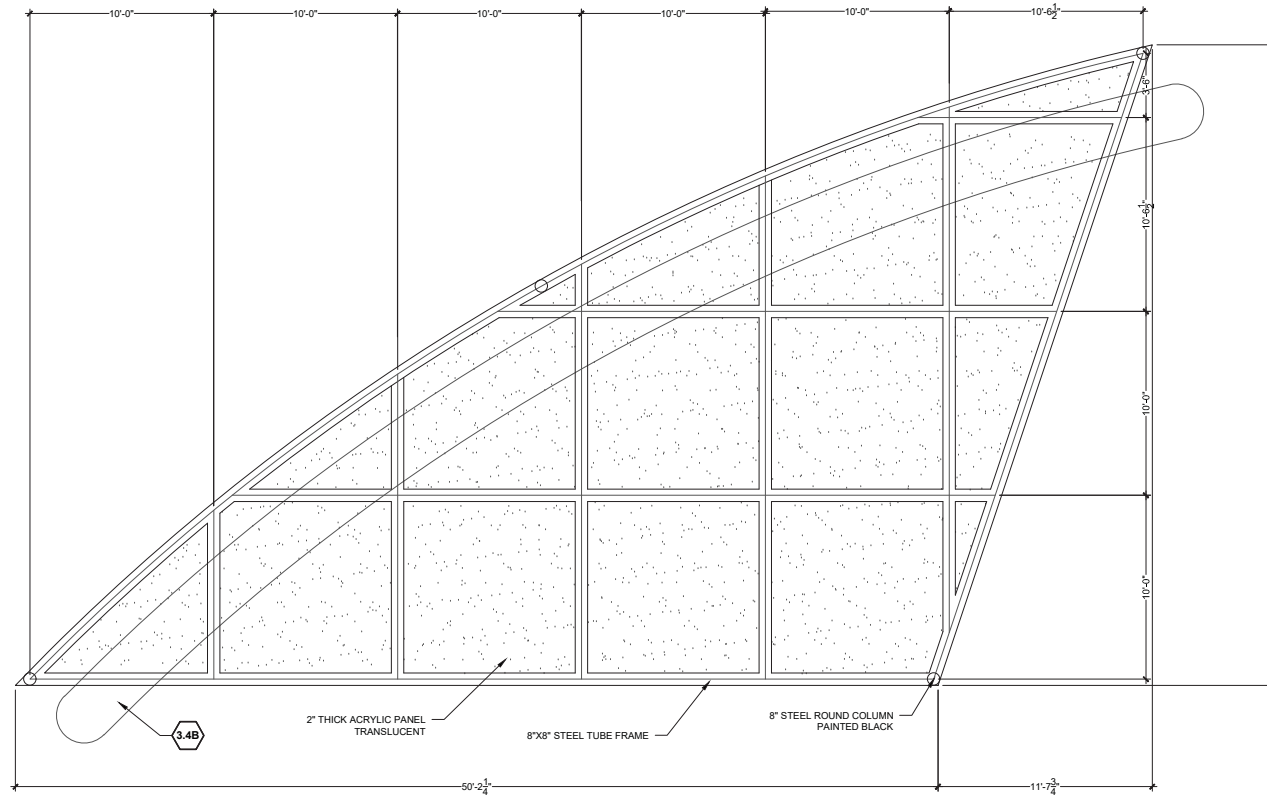
Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation
As Constructed
No Revisions:
Revised:
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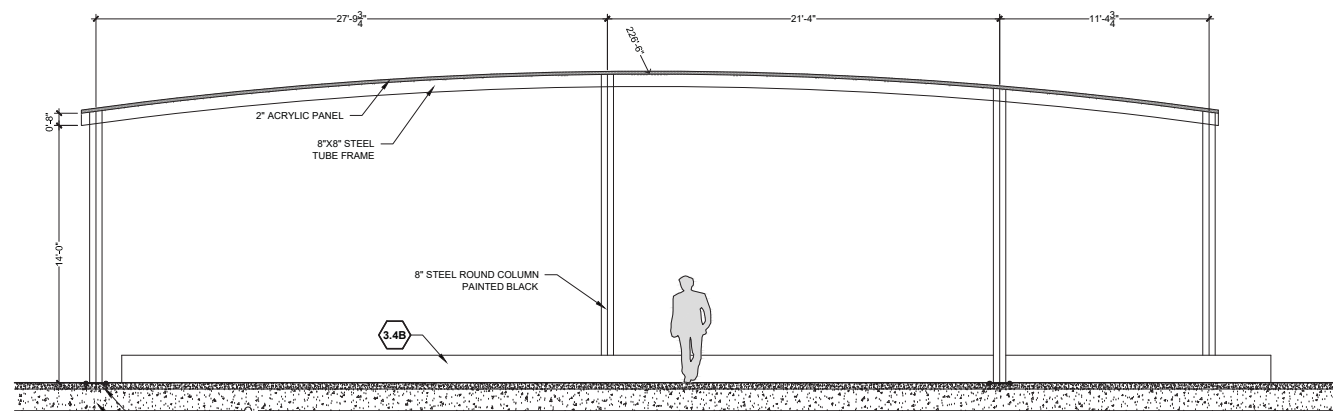
2000 South Holly Street
Denver, CO 80222
Phone: 303-757-9295 FAX: 303-757-9963
Region 1

LID PARK DETAILS	
Designer:	N/A
Detailer:	N/A
Sheet Subset:	LID PARK
Structure Numbers:	
Subset Sheets:	of

Project No./Code
7749-000
Sheet Number L2.07



PLAN VIEW





ELEVATION

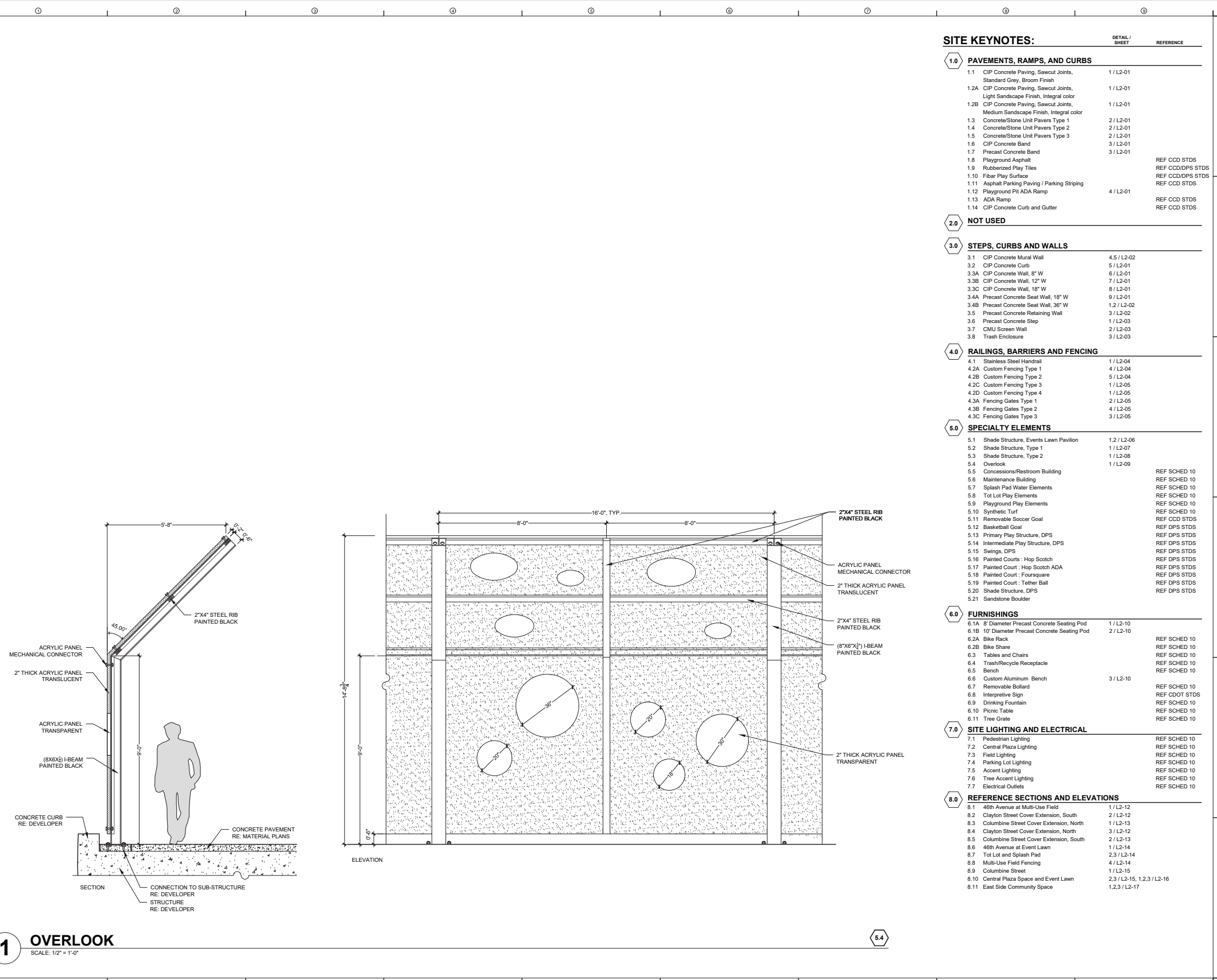
1 SHADE STRUCTURE, TYPE 2
SCALE: 1/4" = 1'-0"

5.3

SITE KEYNOTES:

DETAIL / SHEET	REFERENCE
1.0 PAVEMENTS, RAMPS, AND CURBS	
1.1 CIP Concrete Paving, Sawcut Joints, Standard Grey, Broom Finish	1 / L2-01
1.2A CIP Concrete Paving, Sawcut Joints, Light Sandstone Finish, Integral color	1 / L2-01
1.2B CIP Concrete Paving, Sawcut Joints, Medium Sandstone Finish, Integral color	1 / L2-01
1.3 Concrete/Stone Unit Pavers Type 1	2 / L2-01
1.4 Concrete/Stone Unit Pavers Type 2	2 / L2-01
1.5 Concrete/Stone Unit Pavers Type 3	2 / L2-01
1.6 CIP Concrete Band	3 / L2-01
1.7 Precast Concrete Band	3 / L2-01
1.8 Playground Asphalt	REF CCD STDS
1.9 Rubberized Play Tiles	REF CCD/DPS STDS
1.10 Fibar Play Surface	REF CCD/DPS STDS
1.11 Asphalt Parking Paving / Parking Striping	REF CCD STDS
1.12 Playground P/A ADA Ramp	4 / L2-01
1.13 ADA Ramp	REF CCD STDS
1.14 CIP Concrete Curb and Gutter	REF CCD STDS
2.0 NOT USED	
3.0 STEPS, CURBS AND WALLS	
3.1 CIP Concrete Mural Wall	4.5 / L2-02
3.2 CIP Concrete Curb	5 / L2-01
3.3A CIP Concrete Wall, 8" W	6 / L2-01
3.3B CIP Concrete Wall, 12" W	7 / L2-01
3.3C CIP Concrete Wall, 18" W	8 / L2-01
3.4A Precast Concrete Seat Wall, 18" W	9 / L2-01
3.4B Precast Concrete Seat Wall, 36" W	1.2 / L2-02
3.5 Precast Concrete Retaining Wall	3 / L2-02
3.6 Precast Concrete Step	1 / L2-03
3.7 CMU Screen Wall	2 / L2-03
3.8 Trash Enclosure	3 / L2-03
4.0 RAILINGS, BARRIERS AND FENCING	
4.1 Stainless Steel Handrail	1 / L2-04
4.2A Custom Fencing Type 1	4 / L2-04
4.2B Custom Fencing Type 2	5 / L2-04
4.2C Custom Fencing Type 3	1 / L2-05
4.2D Custom Fencing Type 4	1 / L2-05
4.3A Fencing Gates Type 1	2 / L2-05
4.3B Fencing Gates Type 2	4 / L2-05
4.3C Fencing Gates Type 3	3 / L2-05
5.0 SPECIALTY ELEMENTS	
5.1 Shade Structure, Events Lawn Pavilion	1.2 / L2-06
5.2 Shade Structure, Type 1	1 / L2-07
5.3 Shade Structure, Type 2	1 / L2-08
5.4 Overlook	1 / L2-09
5.5 Concessions/Restroom Building	REF SCHED 10
5.6 Maintenance Building	REF SCHED 10
5.7 Splash Pad Water Elements	REF SCHED 10
5.8 Tot Lot Play Elements	REF SCHED 10
5.9 Playground Play Elements	REF SCHED 10
5.10 Synthetic Turf	REF SCHED 10
5.11 Removable Soccer Goal	REF CCD STDS
5.12 Basketball Goal	REF DPS STDS
5.13 Primary Play Structure, DPS	REF DPS STDS
5.14 Intermediate Play Structure, DPS	REF DPS STDS
5.15 Swings, DPS	REF DPS STDS
5.16 Painted Courts: Hop Scotch	REF DPS STDS
5.17 Painted Court: Hop Scotch ADA	REF DPS STDS
5.18 Painted Court: Foursquare	REF DPS STDS
5.19 Painted Court: Tether Ball	REF DPS STDS
5.20 Shade Structure, DPS	REF DPS STDS
5.21 Sandstone Boulder	REF DPS STDS
6.0 FURNISHINGS	
6.1A 8' Diameter Precast Concrete Seating Pod	1 / L2-10
6.1B 10' Diameter Precast Concrete Seating Pod	2 / L2-10
6.2A Bike Rack	REF SCHED 10
6.2B Bike Share	REF SCHED 10
6.3 Tables and Chairs	REF SCHED 10
6.4 Trash/Recycle Receptacle	REF SCHED 10
6.5 Bench	REF SCHED 10
6.6 Custom Aluminum Bench	3 / L2-10
6.7 Removable Bollard	REF SCHED 10
6.8 Interpretive Sign	REF CDOT STDS
6.9 Drinking Fountain	REF SCHED 10
6.10 Picnic Table	REF SCHED 10
6.11 Tree Grate	REF SCHED 10
7.0 SITE LIGHTING AND ELECTRICAL	
7.1 Pedestrian Lighting	REF SCHED 10
7.2 Central Plaza Lighting	REF SCHED 10
7.3 Field Lighting	REF SCHED 10
7.4 Parking Lot Lighting	REF SCHED 10
7.5 Accent Lighting	REF SCHED 10
7.6 Tree Accent Lighting	REF SCHED 10
7.7 Electrical Outlets	REF SCHED 10
8.0 REFERENCE SECTIONS AND ELEVATIONS	
8.1 48th Avenue at Multi-Use Field	1 / L2-12
8.2 Clayton Street Cover Extension, South	2 / L2-12
8.3 Columbine Street Cover Extension, North	1 / L2-13
8.4 Clayton Street Cover Extension, North	3 / L2-12
8.5 Columbine Street Cover Extension, South	2 / L2-13
8.6 48th Avenue at Event Lawn	1 / L2-14
8.7 Tot Lot and Splash Pad	2.3 / L2-14
8.8 Multi-Use Field Fencing	4 / L2-14
8.9 Columbine Street	1 / L2-15
8.10 Central Plaza Space and Event Lawn	2.3 / L2-15, 1.2.3 / L2-16
8.11 East Side Community Space	1.2.3 / L2-17

Print Date:	Sheet Revisions			Colorado Department of Transportation		As Constructed		LID PARK DETAILS		Project No./Code	
File Name:	Date:	Comments	Init.	 2000 South Holly Street Denver, CO 80222 Phone: 303-757-9295 FAX: 303-757-9963 Region 1		No Revisions:		Designer: N/A		7749-000	
Scale:						Revised:		Detailer: N/A		Structure Numbers	
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										Sheet Number L2.08	



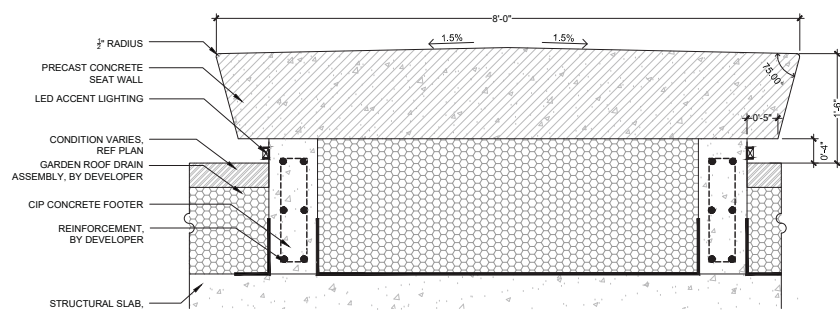
SITE KEYNOTES:

	DETAIL / SHEET	REFERENCE
1.0 PAVEMENTS, RAMPS, AND CURBS		
1.1	CIP Concrete Paving, Sawcut Joints, Standard Grey, Broom Finish	1 / L2-01
1.2A	CIP Concrete Paving, Sawcut Joints, Light Sandstone Finish, Integral color	1 / L2-01
1.2B	CIP Concrete Paving, Sawcut Joints, Medium Sandstone Finish, Integral color	1 / L2-01
1.3	Concrete/Stone Unit Pavers Type 1	2 / L2-01
1.4	Concrete/Stone Unit Pavers Type 2	2 / L2-01
1.5	Concrete/Stone Unit Pavers Type 3	2 / L2-01
1.6	CIP Concrete Band	3 / L2-01
1.7	Precast Concrete Band	3 / L2-01
1.8	Playground Asphalt	REF CCD STDS
1.9	Rubberized Play Tiles	REF CCD/DPS STDS
1.10	Fbar Play Surface	REF CCD/DPS STDS
1.11	Asphalt Parking Paving / Parking Striping	REF CCD STDS
1.12	Playground P/A ADA Ramp	4 / L2-01
1.13	ADA Ramp	REF CCD STDS
1.14	CIP Concrete Curb and Gutter	REF CCD STDS
2.0 NOT USED		
3.0 STEPS, CURBS AND WALLS		
3.1	CIP Concrete Mural Wall	4.5 / L2-02
3.2	CIP Concrete Curb	5 / L2-01
3.3A	CIP Concrete Wall, 8" W	6 / L2-01
3.3B	CIP Concrete Wall, 12" W	7 / L2-01
3.3C	CIP Concrete Wall, 18" W	8 / L2-01
3.4A	Precast Concrete Seat Wall, 18" W	9 / L2-01
3.4B	Precast Concrete Seat Wall, 36" W	1.2 / L2-02
3.5	Precast Concrete Retaining Wall	3 / L2-02
3.6	Precast Concrete Step	1 / L2-03
3.7	CMU Screen Wall	2 / L2-03
3.8	Trash Enclosure	3 / L2-03
4.0 RAILINGS, BARRIERS AND FENCING		
4.1	Stainless Steel Handrail	1 / L2-04
4.2A	Custom Fencing Type 1	4 / L2-04
4.2B	Custom Fencing Type 2	5 / L2-04
4.2C	Custom Fencing Type 3	1 / L2-05
4.2D	Custom Fencing Type 4	1 / L2-05
4.3A	Fencing Gates Type 1	2 / L2-05
4.3B	Fencing Gates Type 2	4 / L2-05
4.3C	Fencing Gates Type 3	3 / L2-05
5.0 SPECIALTY ELEMENTS		
5.1	Shade Structure, Events Lawn Pavilion	1.2 / L2-06
5.2	Shade Structure, Type 1	1 / L2-07
5.3	Shade Structure, Type 2	1 / L2-08
5.4	Overlook	1 / L2-09
5.5	Concessions/Restroom Building	REF SCHED 10
5.6	Maintenance Building	REF SCHED 10
5.7	Splash Pad Water Elements	REF SCHED 10
5.8	Tot Lot Play Elements	REF SCHED 10
5.9	Playground Play Elements	REF SCHED 10
5.10	Synthetic Turf	REF SCHED 10
5.11	Removable Soccer Goal	REF CCD STDS
5.12	Basketball Goal	REF DPS STDS
5.13	Primary Play Structure, DPS	REF DPS STDS
5.14	Intermediate Play Structure, DPS	REF DPS STDS
5.15	Swings, DPS	REF DPS STDS
5.16	Painted Courts - Hop Scotch	REF DPS STDS
5.17	Painted Court - Hop Scotch ADA	REF DPS STDS
5.18	Painted Court - Foursquare	REF DPS STDS
5.19	Painted Court - Tether Ball	REF DPS STDS
5.20	Shade Structure, DPS	REF DPS STDS
5.21	Sandstone Boulder	REF DPS STDS
6.0 FURNISHINGS		
6.1A	8' Diameter Precast Concrete Seating Pod	1 / L2-10
6.1B	10' Diameter Precast Concrete Seating Pod	2 / L2-10
6.2A	Bike Rack	REF SCHED 10
6.2B	Bike Share	REF SCHED 10
6.3	Tables and Chairs	REF SCHED 10
6.4	Trash/Recycle Receptacle	REF SCHED 10
6.5	Bench	REF SCHED 10
6.6	Custom Aluminum Bench	3 / L2-10
6.7	Removable Bollard	REF SCHED 10
6.8	Interpretive Sign	REF CDOT STDS
6.9	Drinking Fountain	REF SCHED 10
6.10	Picnic Table	REF SCHED 10
6.11	Tree Grate	REF SCHED 10
7.0 SITE LIGHTING AND ELECTRICAL		
7.1	Pedestrian Lighting	REF SCHED 10
7.2	Central Plaza Lighting	REF SCHED 10
7.3	Field Lighting	REF SCHED 10
7.4	Parking Lot Lighting	REF SCHED 10
7.5	Accent Lighting	REF SCHED 10
7.6	Tree Accent Lighting	REF SCHED 10
7.7	Electrical Outlets	REF SCHED 10
8.0 REFERENCE SECTIONS AND ELEVATIONS		
8.1	48th Avenue at Multi-Use Field	1 / L2-12
8.2	Clayton Street Cover Extension, South	2 / L2-12
8.3	Columbine Street Cover Extension, North	1 / L2-13
8.4	Clayton Street Cover Extension, North	3 / L2-12
8.5	Columbine Street Cover Extension, South	2 / L2-13
8.6	48th Avenue at Event Lawn	1 / L2-14
8.7	Tot Lot and Splash Pad	2.3 / L2-14
8.8	Multi-Use Field Fencing	4 / L2-14
8.9	Columbine Street	1 / L2-15
8.10	Central Plaza Space and Event Lawn	2.3 / L2-15, 1.2.3 / L2-16
8.11	East Side Community Space	1.2.3 / L2-17

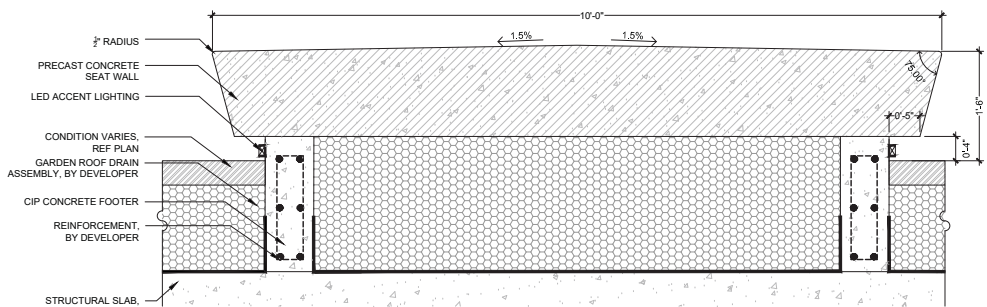
1 OVERLOOK
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5.4

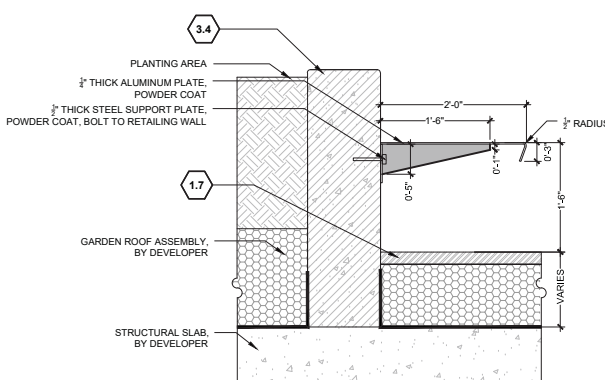
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Scale:				2000 South Holly Street Denver, CO 80222 Phone: 303-757-9295 FAX: 303-757-9963		Revised:		Detailer: N/A		
5280 Connectors Linking I-70 Communities				Region 1		Void:		Sheet Subset: LID PARK		Sheet Number L2.09
								Structure Numbers		of
								Subset Sheets:		



1 8' DIAMETER PRECAST CONCRETE SEATING POD
SCALE: 1" = 1'-0"



2 10' DIAMETER PRECAST CONCRETE SEATING POD
SCALE: 1" = 1'-0"



3 CUSTOM ALUMINUM BENCH
SCALE: 1" = 1'-0"

SITE KEYNOTES:

DETAIL / SHEET	REFERENCE
1.0 PAVEMENTS, RAMPS, AND CURBS	
1.1 CIP Concrete Paving, Sawcut Joints, Standard Grey, Broom Finish	1 / L2-01
1.2A CIP Concrete Paving, Sawcut Joints, Light Sandstone Finish, Integral color	1 / L2-01
1.2B CIP Concrete Paving, Sawcut Joints, Medium Sandstone Finish, Integral color	1 / L2-01
1.3 Concrete/Stone Unit Pavers Type 1	2 / L2-01
1.4 Concrete/Stone Unit Pavers Type 2	2 / L2-01
1.5 Concrete/Stone Unit Pavers Type 3	2 / L2-01
1.6 CIP Concrete Band	3 / L2-01
1.7 Precast Concrete Band	3 / L2-01
1.8 Playground Asphalt	REF CCD STDS
1.9 Rubberized Play Tiles	REF CCD/DPS STDS
1.10 Fiber Play Surface	REF CCD/DPS STDS
1.11 Asphalt Parking Paving / Parking Striping	REF CCD STDS
1.12 Playground Pit ADA Ramp	4 / L2-01
1.13 ADA Ramp	REF CCD STDS
1.14 CIP Concrete Curb and Gutter	REF CCD STDS
2.0 NOT USED	
3.0 STEPS, CURBS AND WALLS	
3.1 CIP Concrete Mural Wall	4.5 / L2-02
3.2 CIP Concrete Curb	5 / L2-01
3.3A CIP Concrete Wall, 8" W	6 / L2-01
3.3B CIP Concrete Wall, 12" W	7 / L2-01
3.3C CIP Concrete Wall, 18" W	8 / L2-01
3.4A Precast Concrete Seat Wall, 18" W	9 / L2-01
3.4B Precast Concrete Seat Wall, 36" W	1.2 / L2-02
3.5 Precast Concrete Retaining Wall	3 / L2-02
3.6 Precast Concrete Step	1 / L2-03
3.7 CMU Screen Wall	2 / L2-03
3.8 Trash Enclosure	3 / L2-03
4.0 RAILINGS, BARRIERS AND FENCING	
4.1 Stainless Steel Handrail	1 / L2-04
4.2A Custom Fencing Type 1	4 / L2-04
4.2B Custom Fencing Type 2	5 / L2-04
4.2C Custom Fencing Type 3	1 / L2-05
4.2D Custom Fencing Type 4	1 / L2-05
4.3A Fencing Gates Type 1	2 / L2-05
4.3B Fencing Gates Type 2	4 / L2-05
4.3C Fencing Gates Type 3	3 / L2-05
5.0 SPECIALTY ELEMENTS	
5.1 Shade Structure, Events Lawn Pavilion	1.2 / L2-06
5.2 Shade Structure, Type 1	1 / L2-07
5.3 Shade Structure, Type 2	1 / L2-08
5.4 Overlook	1 / L2-09
5.5 Concessions/Restroom Building	REF SCHED 10
5.6 Maintenance Building	REF SCHED 10
5.7 Splash Pad Water Elements	REF SCHED 10
5.8 Tot Lot Play Elements	REF SCHED 10
5.9 Playground Play Elements	REF SCHED 10
5.10 Synthetic Turf	REF SCHED 10
5.11 Removable Soccer Goal	REF CCD STDS
5.12 Basketball Goal	REF DPS STDS
5.13 Primary Play Structure, DPS	REF DPS STDS
5.14 Intermediate Play Structure, DPS	REF DPS STDS
5.15 Swings, DPS	REF DPS STDS
5.16 Painted Courts - Hop Scotch	REF DPS STDS
5.17 Painted Court - Hop Scotch ADA	REF DPS STDS
5.18 Painted Court - Foursquare	REF DPS STDS
5.19 Painted Court - Tether Ball	REF DPS STDS
5.20 Shade Structure, DPS	REF DPS STDS
5.21 Sandstone Boulder	
6.0 FURNISHINGS	
6.1A 8' Diameter Precast Concrete Seating Pod	1 / L2-10
6.1B 10' Diameter Precast Concrete Seating Pod	2 / L2-10
6.2A Bike Rack	REF SCHED 10
6.2B Bike Share	REF SCHED 10
6.3 Tables and Chairs	REF SCHED 10
6.4 Trash/Recycle Receptacle	REF SCHED 10
6.5 Bench	REF SCHED 10
6.6 Custom Aluminum Bench	3 / L2-10
6.7 Removable Bollard	REF SCHED 10
6.8 Interpretive Sign	REF CDOT STDS
6.9 Drinking Fountain	REF SCHED 10
6.10 Picnic Table	REF SCHED 10
6.11 Tree Grate	REF SCHED 10
7.0 SITE LIGHTING AND ELECTRICAL	
7.1 Pedestrian Lighting	REF SCHED 10
7.2 Central Plaza Lighting	REF SCHED 10
7.3 Field Lighting	REF SCHED 10
7.4 Parking Lot Lighting	REF SCHED 10
7.5 Accent Lighting	REF SCHED 10
7.6 Tree Accent Lighting	REF SCHED 10
7.7 Electrical Outlets	REF SCHED 10
8.0 REFERENCE SECTIONS AND ELEVATIONS	
8.1 46th Avenue at Multi-Use Field	1 / L2-12
8.2 Clayton Street Cover Extension, South	2 / L2-12
8.3 Columbine Street Cover Extension, North	1 / L2-13
8.4 Clayton Street Cover Extension, North	3 / L2-12
8.5 Columbine Street Cover Extension, South	2 / L2-13
8.6 46th Avenue at Event Lawn	1 / L2-14
8.7 Tot Lot and Splash Pad	2.3 / L2-14
8.8 Multi-Use Field Fencing	4 / L2-14
8.9 Columbine Street	1 / L2-15
8.10 Central Plaza Space and Event Lawn	2.3 / L2-15, 1.2.3 / L2-16
8.11 East Side Community Space	1.2.3 / L2-17

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File Name:
Scale:

Sheet Revisions		
Date:	Comments	Init.

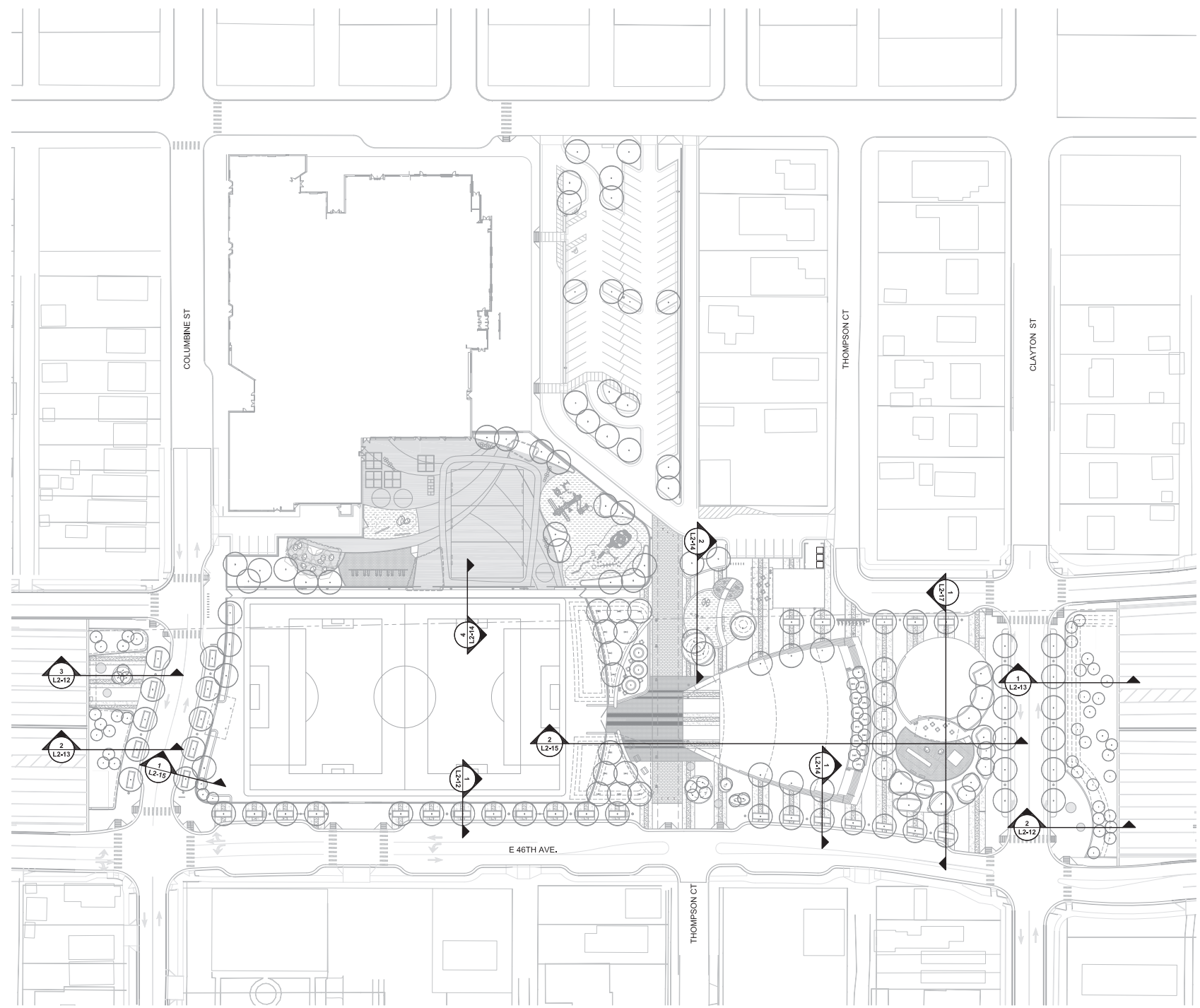
Colorado Department of Transportation

2000 South Holly Street
Denver, CO 80222
Phone: 303-757-9295 FAX: 303-757-9963
Region 1

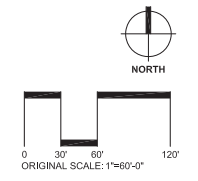
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Detailer:	N/A
Sheet Subset:	LID PARK
Structure Numbers	
Subset Sheets:	of

Project No./Code
7749-000
Sheet Number L2.10



1 SECTION REFERENCE PLAN
1" = 60'



Print Date:
File Name:
Scale:

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

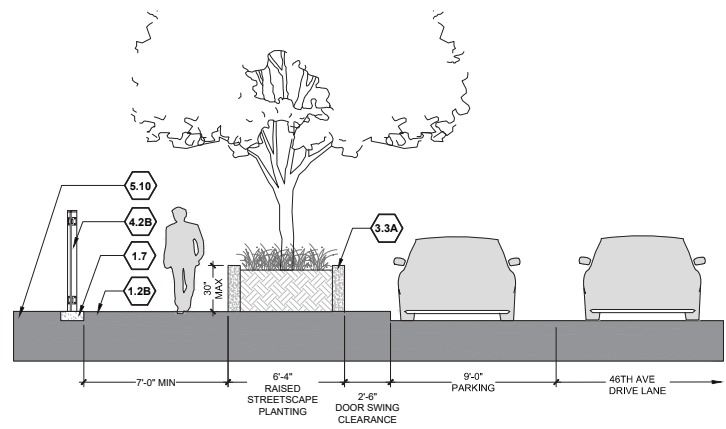
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Denver, CO 80222
Phone: 303-757-9295 FAX: 303-757-9963

Region 1

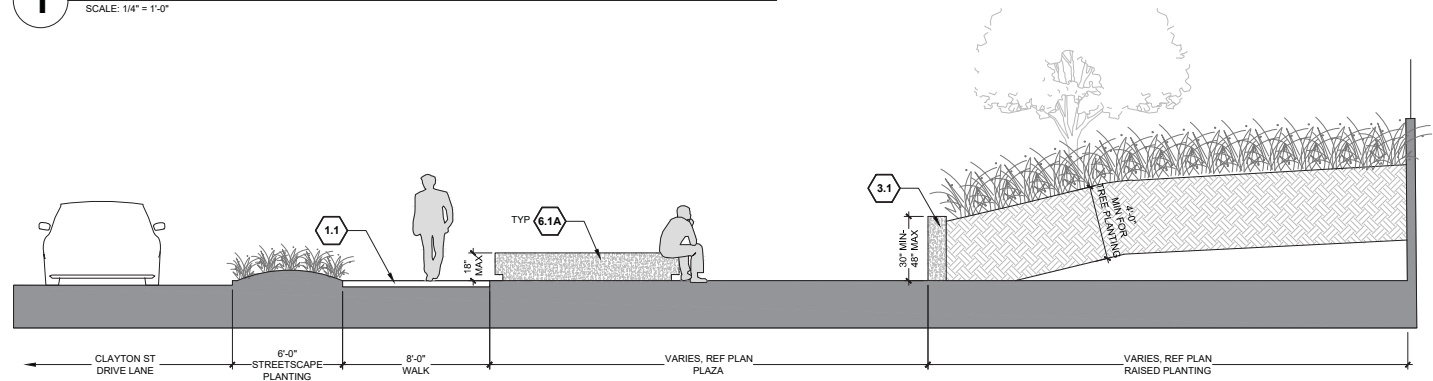
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No Revisions:
Revised:
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Designer:	N/A	Structure Numbers	
Detailer:	N/A	Subset Sheets:	of
Sheet Subset:	LID PARK		

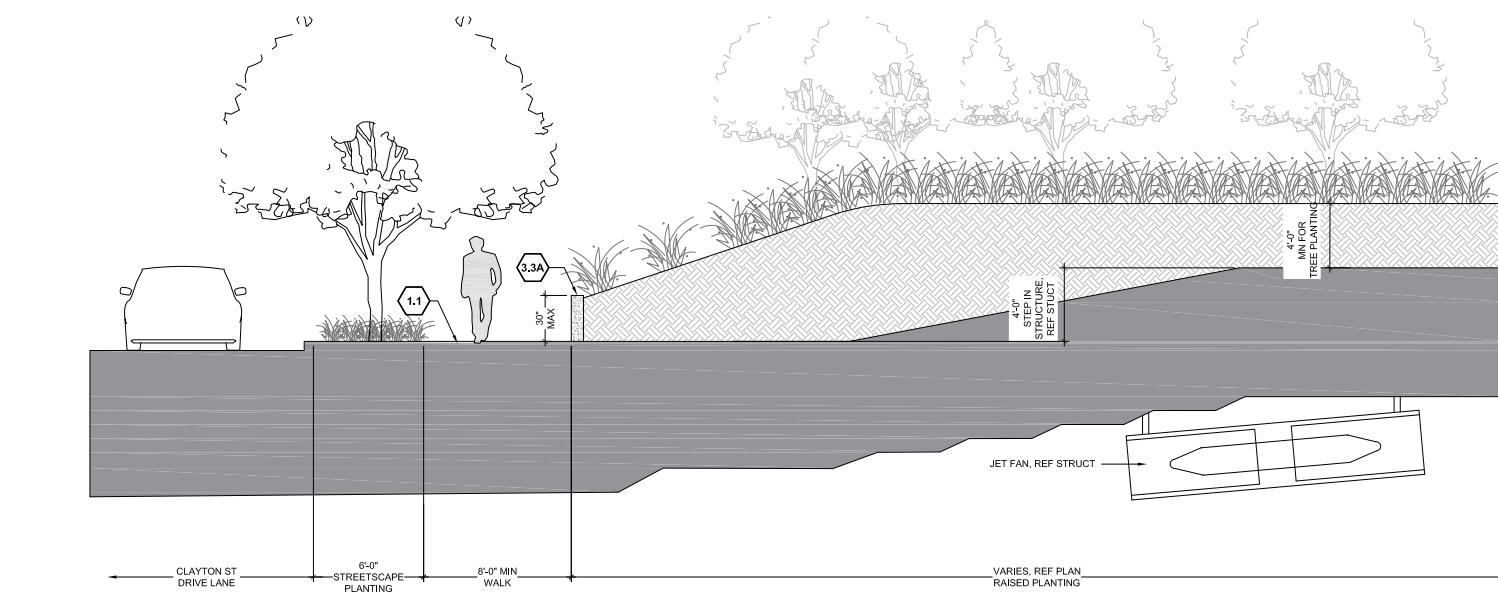
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Sheet Number	L2.11



1 46TH AVENUE AT MULTI-USE FIELD
SCALE: 1/4" = 1'-0" 8.1



2 CLAYTON STREET COVER EXTENSION, SOUTH
SCALE: 1/4" = 1'-0" 8.2



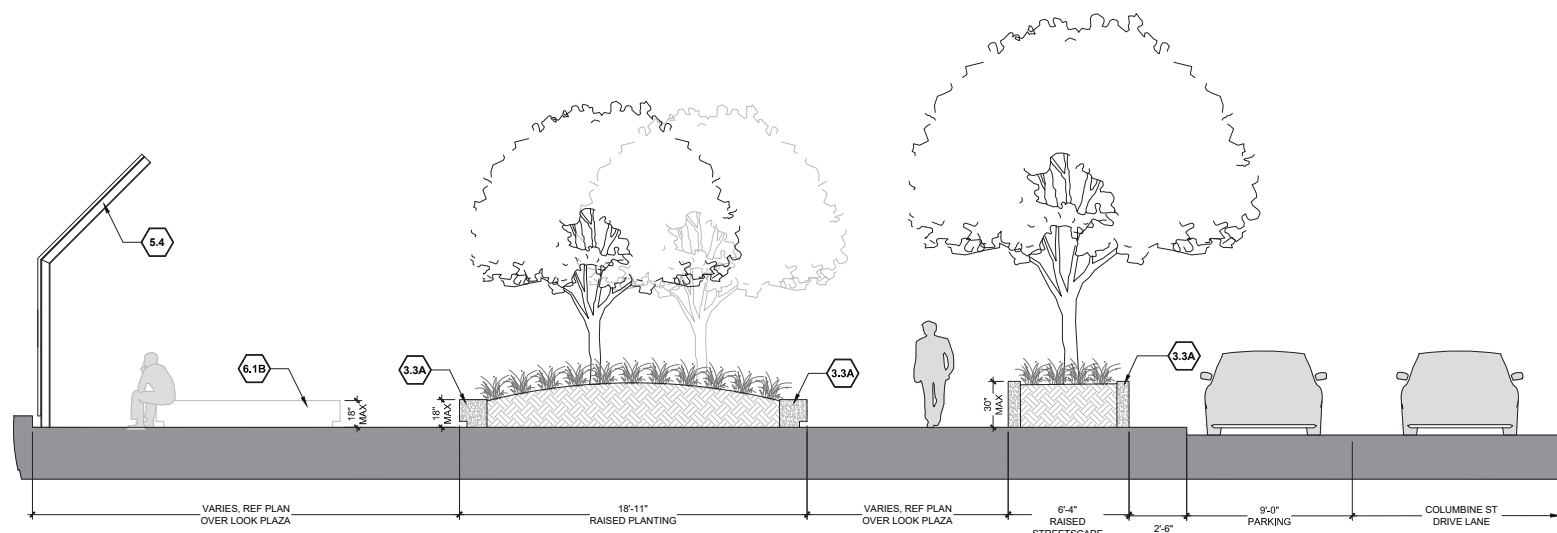
3 CLAYTON STREET COVER EXTENSION, NORTH
SCALE: 1/8" = 1'-0" 8.4

SITE KEYNOTES:

KEYNOTE	DETAIL / SHEET	REFERENCE
1.0 PAVEMENTS, RAMPS, AND CURBS		
1.1	CIP Concrete Paving, Sawcut Joints, Standard Grey, Broom Finish	1 / L2-01
1.2A	CIP Concrete Paving, Sawcut Joints, Light Sandstone Finish, Integral color	1 / L2-01
1.2B	CIP Concrete Paving, Sawcut Joints, Medium Sandstone Finish, Integral color	1 / L2-01
1.3	Concrete/Stone Unit Pavers Type 1	2 / L2-01
1.4	Concrete/Stone Unit Pavers Type 2	2 / L2-01
1.5	Concrete/Stone Unit Pavers Type 3	2 / L2-01
1.6	CIP Concrete Band	3 / L2-01
1.7	Precast Concrete Band	3 / L2-01
1.8	Playground Asphalt	REF CCD STDS
1.9	Rubberized Play Tiles	REF CCD/DPS STDS
1.10	Fbar Play Surface	REF CCD/DPS STDS
1.11	Asphalt Parking Paving / Parking Striping	REF CCD STDS
1.12	Playground P/A ADA Ramp	4 / L2-01
1.13	ADA Ramp	REF CCD STDS
1.14	CIP Concrete Curb and Gutter	REF CCD STDS
2.0 NOT USED		
3.0 STEPS, CURBS AND WALLS		
3.1	CIP Concrete Mural Wall	4.5 / L2-02
3.2	CIP Concrete Curb	5 / L2-01
3.3A	CIP Concrete Wall, 8" W	6 / L2-01
3.3B	CIP Concrete Wall, 12" W	7 / L2-01
3.3C	CIP Concrete Wall, 18" W	8 / L2-01
3.4A	Precast Concrete Seat Wall, 18" W	9 / L2-01
3.4B	Precast Concrete Seat Wall, 36" W	1.2 / L2-02
3.5	Precast Concrete Retaining Wall	3 / L2-02
3.6	Precast Concrete Step	1 / L2-03
3.7	CMU Screen Wall	2 / L2-03
3.8	Trash Enclosure	3 / L2-03
4.0 RAILINGS, BARRIERS AND FENCING		
4.1	Stainless Steel Handrail	1 / L2-04
4.2A	Custom Fencing Type 1	4 / L2-04
4.2B	Custom Fencing Type 2	5 / L2-04
4.2C	Custom Fencing Type 3	1 / L2-05
4.2D	Custom Fencing Type 4	1 / L2-05
4.3A	Fencing Gates Type 1	2 / L2-05
4.3B	Fencing Gates Type 2	4 / L2-05
4.3C	Fencing Gates Type 3	3 / L2-05
5.0 SPECIALTY ELEMENTS		
5.1	Shade Structure, Events Lawn Pavilion	1.2 / L2-06
5.2	Shade Structure, Type 1	1 / L2-07
5.3	Shade Structure, Type 2	1 / L2-08
5.4	Overlook	1 / L2-09
5.5	Concessions/Restroom Building	REF SCHED 10
5.6	Maintenance Building	REF SCHED 10
5.7	Splash Pad Water Elements	REF SCHED 10
5.8	Tot Lot Play Elements	REF SCHED 10
5.9	Playground Play Elements	REF SCHED 10
5.10	Synthetic Turf	REF SCHED 10
5.11	Removable Soccer Goal	REF CCD STDS
5.12	Basketball Goal	REF DPS STDS
5.13	Primary Play Structure, DPS	REF DPS STDS
5.14	Intermediate Play Structure, DPS	REF DPS STDS
5.15	Swings, DPS	REF DPS STDS
5.16	Painted Courts: Hop Scotch	REF DPS STDS
5.17	Painted Court: Hop Scotch ADA	REF DPS STDS
5.18	Painted Court: Foursquare	REF DPS STDS
5.19	Painted Court: Tether Ball	REF DPS STDS
5.20	Shade Structure, DPS	REF DPS STDS
5.21	Sandstone Boulder	REF DPS STDS
6.0 FURNISHINGS		
6.1A	8' Diameter Precast Concrete Seating Pod	1 / L2-10
6.1B	10' Diameter Precast Concrete Seating Pod	2 / L2-10
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6.2B	Bike Share	REF SCHED 10
6.3	Tables and Chairs	REF SCHED 10
6.4	Trash/Recycle Receptacle	REF SCHED 10
6.5	Bench	REF SCHED 10
6.6	Custom Aluminum Bench	3 / L2-10
6.7	Removable Bollard	REF SCHED 10
6.8	Interpretive Sign	REF CDOT STDS
6.9	Drinking Fountain	REF SCHED 10
6.10	Picnic Table	REF SCHED 10
6.11	Tree Grate	REF SCHED 10
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7.1	Pedestrian Lighting	REF SCHED 10
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7.3	Field Lighting	REF SCHED 10
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7.5	Accent Lighting	REF SCHED 10
7.6	Tree Accent Lighting	REF SCHED 10
7.7	Electrical Outlets	REF SCHED 10
8.0 REFERENCE SECTIONS AND ELEVATIONS		
8.1	46th Avenue at Multi-Use Field	1 / L2-12
8.2	Clayton Street Cover Extension, South	2 / L2-12
8.3	Columbine Street Cover Extension, North	1 / L2-13
8.4	Clayton Street Cover Extension, North	3 / L2-12
8.5	Columbine Street Cover Extension, South	2 / L2-13
8.6	46th Avenue at Event Lawn	1 / L2-14
8.7	Tot Lot and Splash Pad	2.3 / L2-14
8.8	Multi-Use Field Fencing	4 / L2-14
8.9	Columbine Street	1 / L2-15
8.10	Central Plaza Space and Event Lawn	2.3 / L2-15, 1.2.3 / L2-16
8.11	East Side Community Space	1.2.3 / L2-17

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Date:	Comments	Init.															

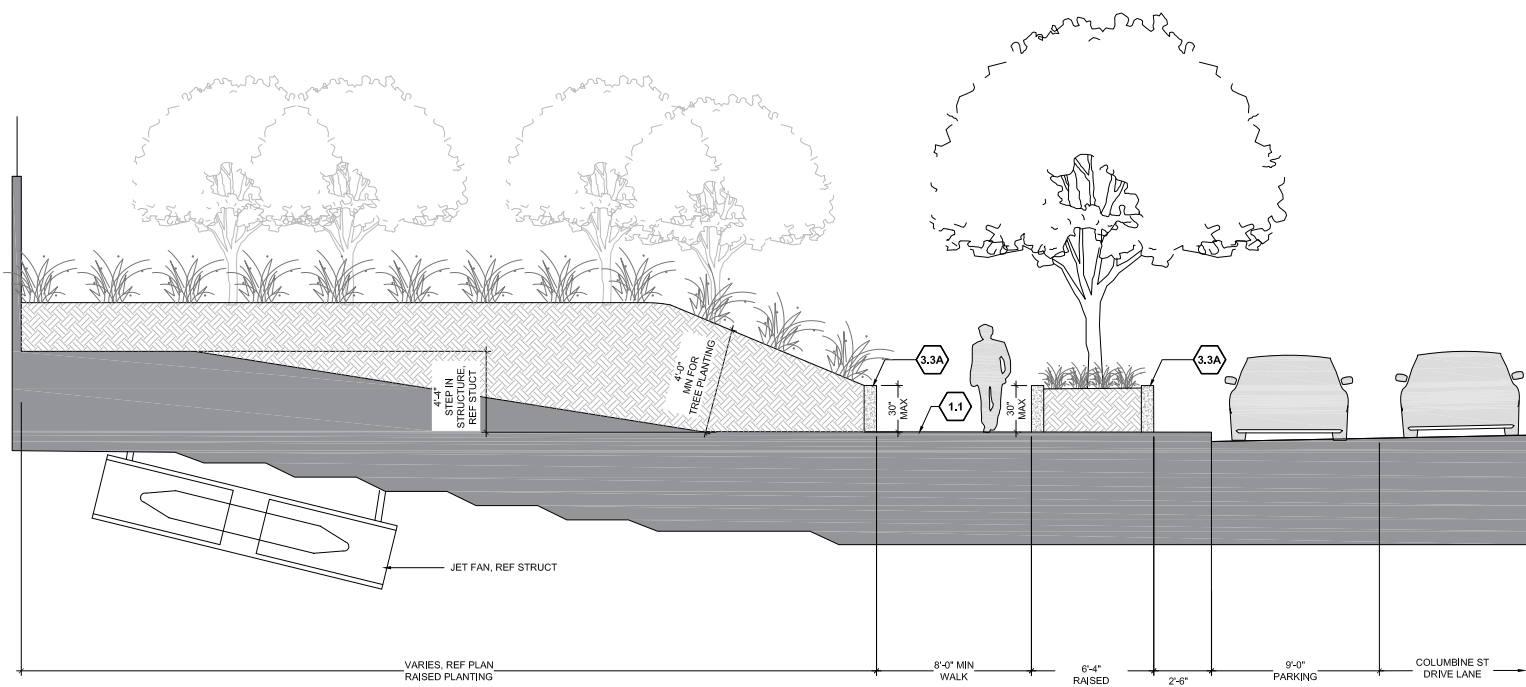




1 COLUMBINE STREET COVER EXTENSION, NORTH

SCALE: 1/4" = 1'-0"

8.3



2 COLUMBINE STREET COVER EXTENSION, SOUTH

SCALE: 1/4" = 1'-0"

8.5

SITE KEYNOTES:

SECTION	DETAIL / SHEET	REFERENCE
1.0 PAVEMENTS, RAMPS, AND CURBS		
1.1	CIP Concrete Paving, Sawcut Joints, Standard Grey, Broom Finish	1 / L2-01
1.2A	CIP Concrete Paving, Sawcut Joints, Light Sandstone Finish, Integral color	1 / L2-01
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1.3	Concrete/Stone Unit Pavers Type 1	2 / L2-01
1.4	Concrete/Stone Unit Pavers Type 2	2 / L2-01
1.5	Concrete/Stone Unit Pavers Type 3	2 / L2-01
1.6	CIP Concrete Band	3 / L2-01
1.7	Precast Concrete Band	3 / L2-01
1.8	Playground Asphalt	REF CCD STDS
1.9	Rubberized Play Tiles	REF CCD/DPS STDS
1.10	Fiber Play Surface	REF CCD/DPS STDS
1.11	Asphalt Parking Paving / Parking Striping	REF CCD STDS
1.12	Playground P/A ADA Ramp	4 / L2-01
1.13	ADA Ramp	REF CCD STDS
1.14	CIP Concrete Curb and Gutter	REF CCD STDS
2.0 NOT USED		
3.0 STEPS, CURBS AND WALLS		
3.1	CIP Concrete Mural Wall	4.5 / L2-02
3.2	CIP Concrete Curb	5 / L2-01
3.3A	CIP Concrete Wall, 8" W	6 / L2-01
3.3B	CIP Concrete Wall, 12" W	7 / L2-01
3.3C	CIP Concrete Wall, 18" W	8 / L2-01
3.4A	Precast Concrete Seat Wall, 18" W	9 / L2-01
3.4B	Precast Concrete Seat Wall, 36" W	1.2 / L2-02
3.5	Precast Concrete Retaining Wall	3 / L2-02
3.6	Precast Concrete Step	1 / L2-03
3.7	CMU Screen Wall	2 / L2-03
3.8	Trash Enclosure	3 / L2-03
4.0 RAILINGS, BARRIERS AND FENCING		
4.1	Stainless Steel Handrail	1 / L2-04
4.2A	Custom Fencing Type 1	4 / L2-04
4.2B	Custom Fencing Type 2	5 / L2-04
4.2C	Custom Fencing Type 3	1 / L2-05
4.2D	Custom Fencing Type 4	1 / L2-05
4.3A	Fencing Gates Type 1	2 / L2-05
4.3B	Fencing Gates Type 2	4 / L2-05
4.3C	Fencing Gates Type 3	3 / L2-05
5.0 SPECIALTY ELEMENTS		
5.1	Shade Structure, Events Lawn Pavilion	1.2 / L2-06
5.2	Shade Structure, Type 1	1 / L2-07
5.3	Shade Structure, Type 2	1 / L2-08
5.4	Overlook	1 / L2-09
5.5	Concessions/Restroom Building	REF SCHED 10
5.6	Maintenance Building	REF SCHED 10
5.7	Splash Pad Water Elements	REF SCHED 10
5.8	Tot Lot Play Elements	REF SCHED 10
5.9	Playground Play Elements	REF SCHED 10
5.10	Synthetic Turf	REF SCHED 10
5.11	Removable Soccer Goal	REF CCD STDS
5.12	Basketball Goal	REF DPS STDS
5.13	Primary Play Structure, DPS	REF DPS STDS
5.14	Intermediate Play Structure, DPS	REF DPS STDS
5.15	Swings, DPS	REF DPS STDS
5.16	Painted Courts - Hop Scotch	REF DPS STDS
5.17	Painted Court - Hop Scotch ADA	REF DPS STDS
5.18	Painted Court - Foursquare	REF DPS STDS
5.19	Painted Court - Tether Ball	REF DPS STDS
5.20	Shade Structure, DPS	REF DPS STDS
5.21	Sandstone Boulder	REF DPS STDS
6.0 FURNISHINGS		
6.1A	8' Diameter Precast Concrete Seating Pod	1 / L2-10
6.1B	10' Diameter Precast Concrete Seating Pod	2 / L2-10
6.2A	Bike Rack	REF SCHED 10
6.2B	Bike Share	REF SCHED 10
6.3	Tables and Chairs	REF SCHED 10
6.4	Trash/Recycle Receptacle	REF SCHED 10
6.5	Bench	REF SCHED 10
6.6	Custom Aluminum Bench	3 / L2-10
6.7	Removable Bollard	REF SCHED 10
6.8	Interpretive Sign	REF CDOT STDS
6.9	Drinking Fountain	REF SCHED 10
6.10	Picnic Table	REF SCHED 10
6.11	Tree Grate	REF SCHED 10
7.0 SITE LIGHTING AND ELECTRICAL		
7.1	Pedestrian Lighting	REF SCHED 10
7.2	Central Plaza Lighting	REF SCHED 10
7.3	Field Lighting	REF SCHED 10
7.4	Parking Lot Lighting	REF SCHED 10
7.5	Accent Lighting	REF SCHED 10
7.6	Tree Accent Lighting	REF SCHED 10
7.7	Electrical Outlets	REF SCHED 10
8.0 REFERENCE SECTIONS AND ELEVATIONS		
8.1	48th Avenue at Multi-Use Field	1 / L2-12
8.2	Clayton Street Cover Extension, South	2 / L2-12
8.3	Columbine Street Cover Extension, North	1 / L2-13
8.4	Clayton Street Cover Extension, North	3 / L2-12
8.5	Columbine Street Cover Extension, South	2 / L2-13
8.6	48th Avenue at Event Lawn	1 / L2-14
8.7	Tot Lot and Splash Pad	2.3 / L2-14
8.8	Multi-Use Field Fencing	4 / L2-14
8.9	Columbine Street	1 / L2-15
8.10	Central Plaza Space and Event Lawn	2.3 / L2-15, 1.2.3 / L2-16
8.11	East Side Community Space	1.2.3 / L2-17

Print Date:
File Name:
Scale:

Sheet Revisions		
Date:	Comments	Init.

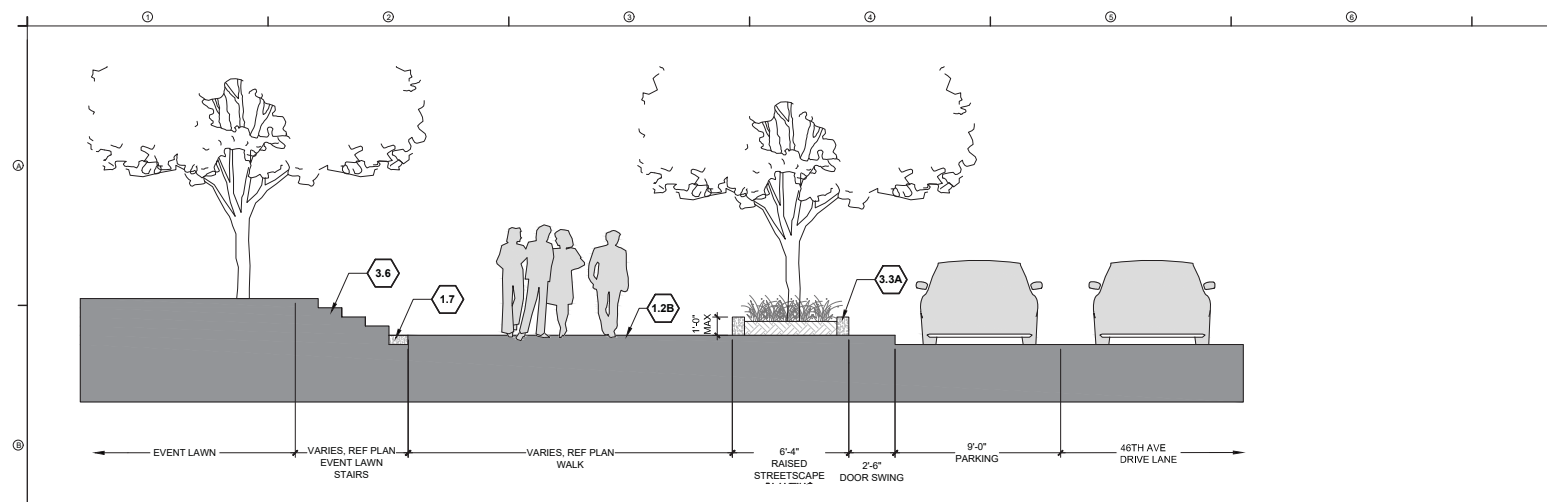
Colorado Department of Transportation

 2000 South Holly Street
 Denver, CO 80222
 Phone: 303-757-9295 FAX: 303-757-9963
 Region 1

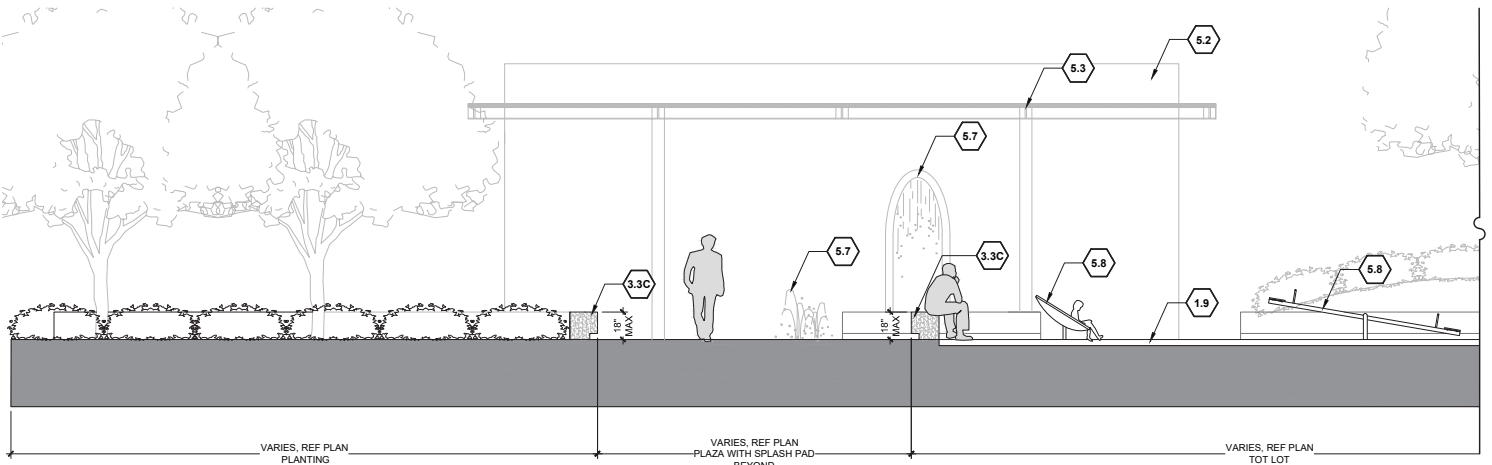
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LID PARK REFERENCE SECTIONS AND ELEVATIONS		
Designer:	N/A	Structure Numbers
Detailer:	N/A	Subset Sheets: of
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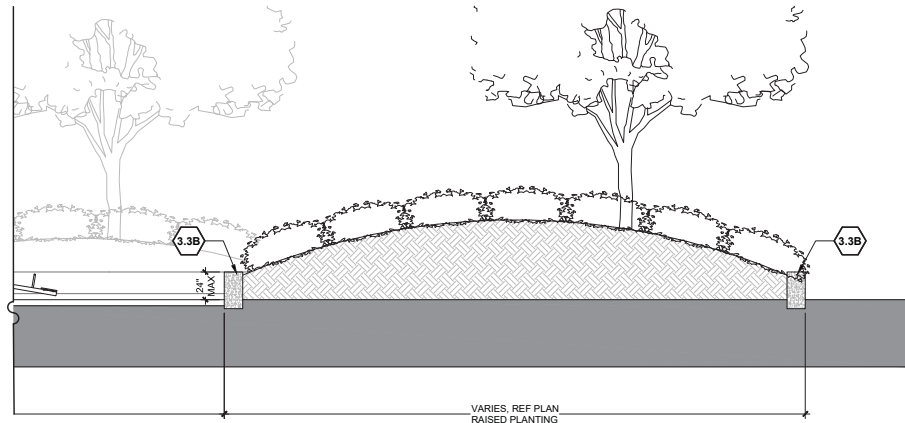
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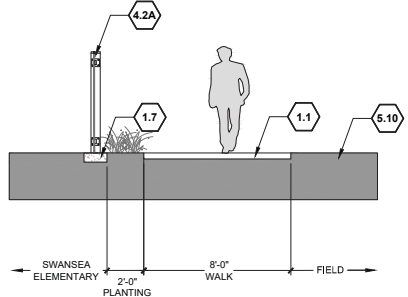
1 46TH AVENUE AT EVENT LAWN
SCALE: 1/4" = 1'-0"



2 TOT LOT AND SPLASH PAD
SCALE: 1/4" = 1'-0"



3 TOT LOT AND SPLASH PAD CONTINUED
SCALE: 1/4" = 1'-0"

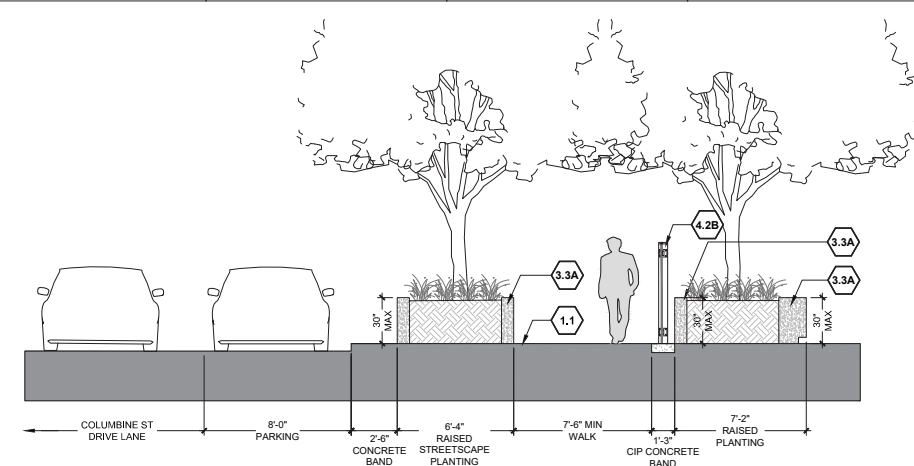


4 MULTI-USE FIELD FENCING
SCALE: 1/4" = 1'-0"

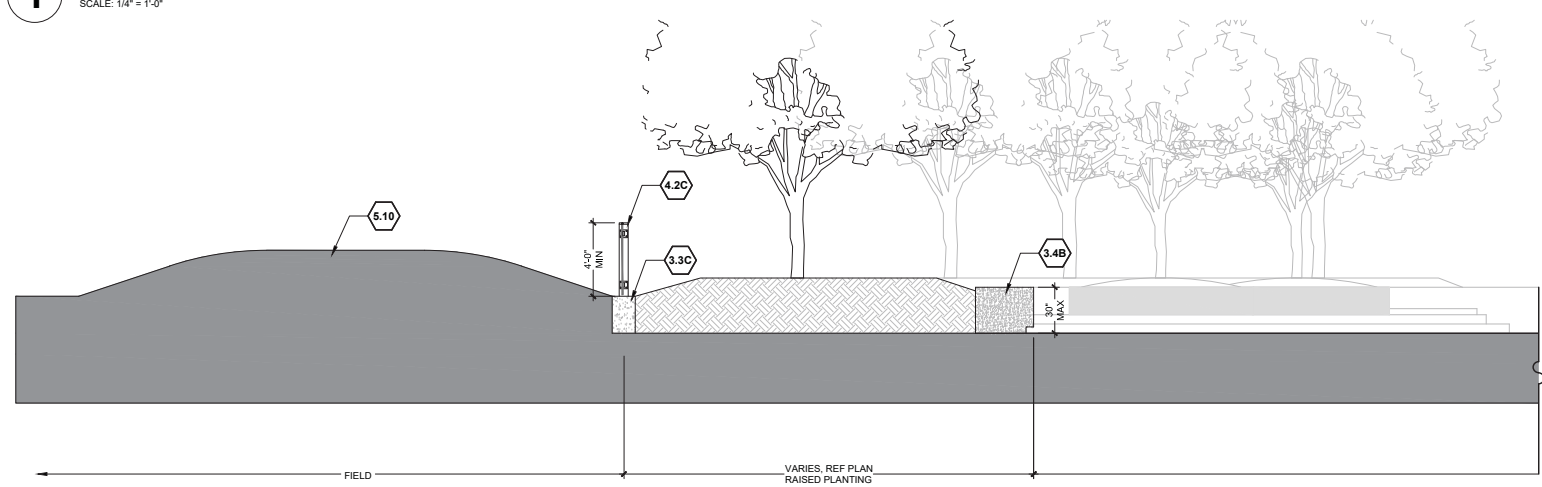
SITE KEYNOTES:

DETAIL / SHEET	REFERENCE
1.0 PAVEMENTS, RAMPS, AND CURBS	
1.1 CIP Concrete Paving, Sawcut Joints, Standard Grey, Broom Finish	1 / L2-01
1.2A CIP Concrete Paving, Sawcut Joints, Light Sandstone Finish, Integral color	1 / L2-01
1.2B CIP Concrete Paving, Sawcut Joints, Medium Sandstone Finish, Integral color	1 / L2-01
1.3 Concrete/Stone Unit Pavers Type 1	2 / L2-01
1.4 Concrete/Stone Unit Pavers Type 2	2 / L2-01
1.5 Concrete/Stone Unit Pavers Type 3	2 / L2-01
1.6 CIP Concrete Band	3 / L2-01
1.7 Precast Concrete Band	3 / L2-01
1.8 Playground Asphalt	REF CCD STDS
1.9 Rubberized Play Tiles	REF CCD/DPS STDS
1.10 Fibar Play Surface	REF CCD/DPS STDS
1.11 Asphalt Parking Paving / Parking Striping	REF CCD STDS
1.12 Playground P/A ADA Ramp	4 / L2-01
1.13 ADA Ramp	REF CCD STDS
1.14 CIP Concrete Curb and Gutter	REF CCD STDS
2.0 NOT USED	
3.0 STEPS, CURBS AND WALLS	
3.1 CIP Concrete Mural Wall	4.5 / L2-02
3.2 CIP Concrete Curb	5 / L2-01
3.3A CIP Concrete Wall, 8" W	6 / L2-01
3.3B CIP Concrete Wall, 12" W	7 / L2-01
3.3C CIP Concrete Wall, 18" W	8 / L2-01
3.4A Precast Concrete Seat Wall, 18" W	9 / L2-01
3.4B Precast Concrete Seat Wall, 36" W	1.2 / L2-02
3.5 Precast Concrete Retaining Wall	3 / L2-02
3.6 Precast Concrete Step	1 / L2-03
3.7 CMU Screen Wall	2 / L2-03
3.8 Trash Enclosure	3 / L2-03
4.0 RAILINGS, BARRIERS AND FENCING	
4.1 Stainless Steel Handrail	1 / L2-04
4.2A Custom Fencing Type 1	4 / L2-04
4.2B Custom Fencing Type 2	5 / L2-04
4.2C Custom Fencing Type 3	1 / L2-05
4.2D Custom Fencing Type 4	1 / L2-05
4.3A Fencing Gates Type 1	2 / L2-05
4.3B Fencing Gates Type 2	4 / L2-05
4.3C Fencing Gates Type 3	3 / L2-05
5.0 SPECIALTY ELEMENTS	
5.1 Shade Structure, Events Lawn Pavilion	1.2 / L2-06
5.2 Shade Structure, Type 1	1 / L2-07
5.3 Shade Structure, Type 2	1 / L2-08
5.4 Overlook	1 / L2-09
5.5 Concessions/Restroom Building	REF SCHED 10
5.6 Maintenance Building	REF SCHED 10
5.7 Splash Pad Water Elements	REF SCHED 10
5.8 Tot Lot Play Elements	REF SCHED 10
5.9 Playground Play Elements	REF SCHED 10
5.10 Synthetic Turf	REF SCHED 10
5.11 Removable Soccer Goal	REF CCD STDS
5.12 Basketball Goal	REF DPS STDS
5.13 Primary Play Structure, DPS	REF DPS STDS
5.14 Intermediate Play Structure, DPS	REF DPS STDS
5.15 Swings, DPS	REF DPS STDS
5.16 Painted Courts: Hop Scotch	REF DPS STDS
5.17 Painted Court: Hop Scotch ADA	REF DPS STDS
5.18 Painted Court: Foursquare	REF DPS STDS
5.19 Painted Court: Tether Ball	REF DPS STDS
5.20 Shade Structure, DPS	REF DPS STDS
5.21 Sandstone Boulder	REF DPS STDS
6.0 FURNISHINGS	
6.1A 8' Diameter Precast Concrete Seating Pod	1 / L2-10
6.1B 10' Diameter Precast Concrete Seating Pod	2 / L2-10
6.2A Bike Rack	REF SCHED 10
6.2B Bike Share	REF SCHED 10
6.3 Tables and Chairs	REF SCHED 10
6.4 Trash/Recycle Receptacle	REF SCHED 10
6.5 Bench	REF SCHED 10
6.6 Custom Aluminum Bench	3 / L2-10
6.7 Removable Bollard	REF SCHED 10
6.8 Interpretive Sign	REF CDOT STDS
6.9 Drinking Fountain	REF SCHED 10
6.10 Picnic Table	REF SCHED 10
6.11 Tree Grate	REF SCHED 10
7.0 SITE LIGHTING AND ELECTRICAL	
7.1 Pedestrian Lighting	REF SCHED 10
7.2 Central Plaza Lighting	REF SCHED 10
7.3 Field Lighting	REF SCHED 10
7.4 Parking Lot Lighting	REF SCHED 10
7.5 Accent Lighting	REF SCHED 10
7.6 Tree Accent Lighting	REF SCHED 10
7.7 Electrical Outlets	REF SCHED 10
8.0 REFERENCE SECTIONS AND ELEVATIONS	
8.1 48th Avenue at Multi-Use Field	1 / L2-12
8.2 Clayton Street Cover Extension, South	2 / L2-12
8.3 Columbine Street Cover Extension, North	1 / L2-13
8.4 Clayton Street Cover Extension, North	3 / L2-12
8.5 Columbine Street Cover Extension, South	2 / L2-13
8.6 48th Avenue at Event Lawn	1 / L2-14
8.7 Tot Lot and Splash Pad	2.3 / L2-14
8.8 Multi-Use Field Fencing	4 / L2-14
8.9 Columbine Street	1 / L2-15
8.10 Central Plaza Space and Event Lawn	2.3 / L2-15, 1.2.3 / L2-16
8.11 East Side Community Space	1.2.3 / L2-17

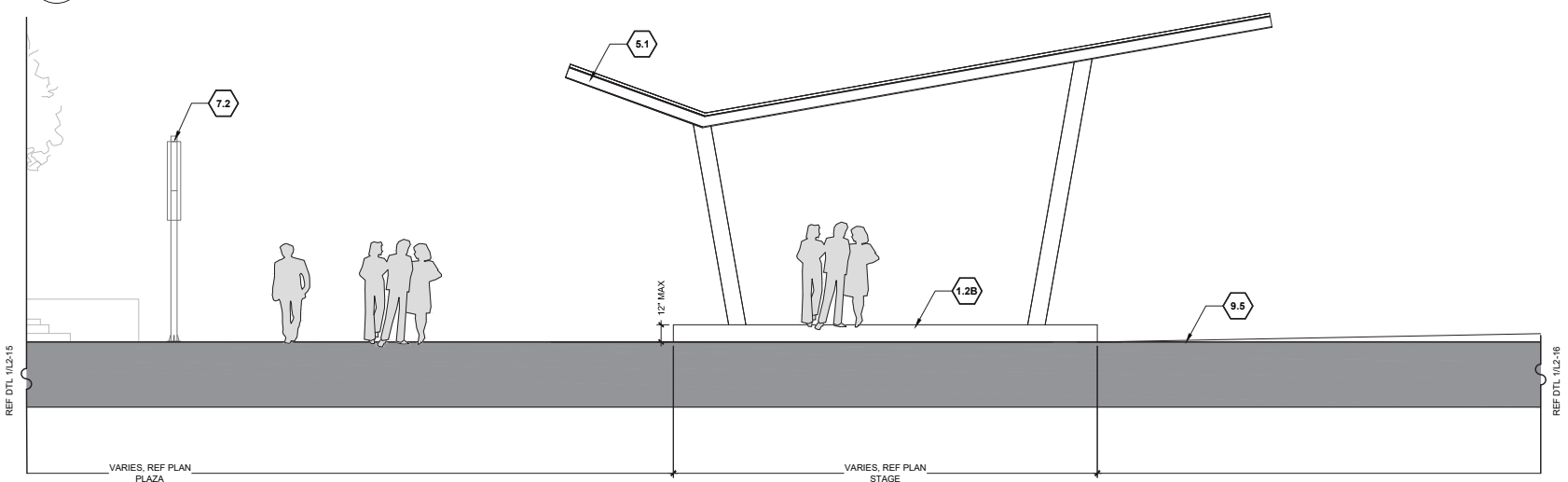
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File Name:	Date:	Comments	Init.			No Revisions:	Designer: N/A	Structure Numbers
Scale:				2000 South Holly Street Denver, CO 80222 Phone: 303-757-9295 FAX: 303-757-9963 Region 1	Revised:	Detailer: N/A	of	Sheet Number L2.14
					Void:	Sheet Subset: LID PARK		Subset Sheets:



1 COLUMBINE STREET
SCALE: 1/4" = 1'-0"



2 CENTRAL PLAZA SPACE AND EVENT LAWN
SCALE: 1/4" = 1'-0"



3 CENTRAL PLAZA SPACE AND EVENT LAWN CONTINUED
SCALE: 1/4" = 1'-0"

SITE KEYNOTES:

KEYNOTE	DETAIL / SHEET	REFERENCE
1.0 PAVEMENTS, RAMPS, AND CURBS		
1.1	CIP Concrete Paving, Sawcut Joints, Standard Grey, Broom Finish	1 / L2-01
1.2A	CIP Concrete Paving, Sawcut Joints, Light Sandstone Finish, Integral color	1 / L2-01
1.2B	CIP Concrete Paving, Sawcut Joints, Medium Sandstone Finish, Integral color	1 / L2-01
1.3	Concrete/Stone Unit Pavers Type 1	2 / L2-01
1.4	Concrete/Stone Unit Pavers Type 2	2 / L2-01
1.5	Concrete/Stone Unit Pavers Type 3	2 / L2-01
1.6	CIP Concrete Band	3 / L2-01
1.7	Precast Concrete Band	3 / L2-01
1.8	Playground Asphalt	REF CCD STDS
1.9	Rubberized Play Tiles	REF CCD/DPS STDS
1.10	Fbar Play Surface	REF CCD/DPS STDS
1.11	Asphalt Parking Paving / Parking Striping	REF CCD STDS
1.12	Playground P/A ADA Ramp	4 / L2-01
1.13	ADA Ramp	REF CCD STDS
1.14	CIP Concrete Curb and Gutter	REF CCD STDS
2.0 NOT USED		
3.0 STEPS, CURBS AND WALLS		
3.1	CIP Concrete Mural Wall	4.5 / L2-02
3.2	CIP Concrete Curb	5 / L2-01
3.3A	CIP Concrete Wall, 8" W	6 / L2-01
3.3B	CIP Concrete Wall, 12" W	7 / L2-01
3.3C	CIP Concrete Wall, 18" W	8 / L2-01
3.4A	Precast Concrete Seat Wall, 18" W	9 / L2-01
3.4B	Precast Concrete Seat Wall, 36" W	1.2 / L2-02
3.5	Precast Concrete Retaining Wall	3 / L2-02
3.6	Precast Concrete Step	1 / L2-03
3.7	CMU Screen Wall	2 / L2-03
3.8	Trash Enclosure	3 / L2-03
4.0 RAILINGS, BARRIERS AND FENCING		
4.1	Stainless Steel Handrail	1 / L2-04
4.2A	Custom Fencing Type 1	4 / L2-04
4.2B	Custom Fencing Type 2	5 / L2-04
4.2C	Custom Fencing Type 3	1 / L2-05
4.2D	Custom Fencing Type 4	1 / L2-05
4.3A	Fencing Gates Type 1	2 / L2-05
4.3B	Fencing Gates Type 2	4 / L2-05
4.3C	Fencing Gates Type 3	3 / L2-05
5.0 SPECIALTY ELEMENTS		
5.1	Shade Structure, Events Lawn Pavilion	1.2 / L2-06
5.2	Shade Structure, Type 1	1 / L2-07
5.3	Shade Structure, Type 2	1 / L2-08
5.4	Overlook	1 / L2-09
5.5	Concessions/Restroom Building	REF SCHED 10
5.6	Maintenance Building	REF SCHED 10
5.7	Splash Pad Water Elements	REF SCHED 10
5.8	Tot Lot Play Elements	REF SCHED 10
5.9	Playground Play Elements	REF SCHED 10
5.10	Synthetic Turf	REF SCHED 10
5.11	Removable Soccer Goal	REF CCD STDS
5.12	Basketball Goal	REF DPS STDS
5.13	Primary Play Structure, DPS	REF DPS STDS
5.14	Intermediate Play Structure, DPS	REF DPS STDS
5.15	Swings, DPS	REF DPS STDS
5.16	Painted Courts: Hop Scotch	REF DPS STDS
5.17	Painted Court: Hop Scotch ADA	REF DPS STDS
5.18	Painted Court: Foursquare	REF DPS STDS
5.19	Painted Court: Tether Ball	REF DPS STDS
5.20	Shade Structure, DPS	REF DPS STDS
5.21	Sandstone Boulder	REF DPS STDS
6.0 FURNISHINGS		
6.1A	8' Diameter Precast Concrete Seating Pod	1 / L2-10
6.1B	10' Diameter Precast Concrete Seating Pod	2 / L2-10
6.2A	Bike Rack	REF SCHED 10
6.2B	Bike Share	REF SCHED 10
6.3	Tables and Chairs	REF SCHED 10
6.4	Trash/Recycle Receptacle	REF SCHED 10
6.5	Bench	REF SCHED 10
6.6	Custom Aluminum Bench	3 / L2-10
6.7	Removable Bollard	REF SCHED 10
6.8	Interpretive Sign	REF CDOT STDS
6.9	Drinking Fountain	REF SCHED 10
6.10	Picnic Table	REF SCHED 10
6.11	Tree Grate	REF SCHED 10
7.0 SITE LIGHTING AND ELECTRICAL		
7.1	Pedestrian Lighting	REF SCHED 10
7.2	Central Plaza Lighting	REF SCHED 10
7.3	Field Lighting	REF SCHED 10
7.4	Parking Lot Lighting	REF SCHED 10
7.5	Accent Lighting	REF SCHED 10
7.6	Tree Accent Lighting	REF SCHED 10
7.7	Electrical Outlets	REF SCHED 10
8.0 REFERENCE SECTIONS AND ELEVATIONS		
8.1	48th Avenue at Multi-Use Field	1 / L2-12
8.2	Clayton Street Cover Extension, South	2 / L2-12
8.3	Columbine Street Cover Extension, North	1 / L2-13
8.4	Clayton Street Cover Extension, North	3 / L2-12
8.5	Columbine Street Cover Extension, South	2 / L2-13
8.6	48th Avenue at Event Lawn	1 / L2-14
8.7	Tot Lot and Splash Pad	2.3 / L2-14
8.8	Multi-Use Field Fencing	4 / L2-14
8.9	Columbine Street	1 / L2-15
8.10	Central Plaza Space and Event Lawn	2.3 / L2-15, 1.2.3 / L2-16
8.11	East Side Community Space	1.2.3 / L2-17

Print Date:
File Name:
Scale:

5280 Connectors
Linking I-70 Communities

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

CDOT

2000 South Holly Street
Denver, CO 80222
Phone: 303-757-9295 FAX: 303-757-9963

Region 1

As Constructed

No Revisions:

Revised:

Void:

LID PARK

REFERENCE SECTIONS AND ELEVATIONS

Designer: **N/A**

Detailer: **N/A**

Structure Numbers

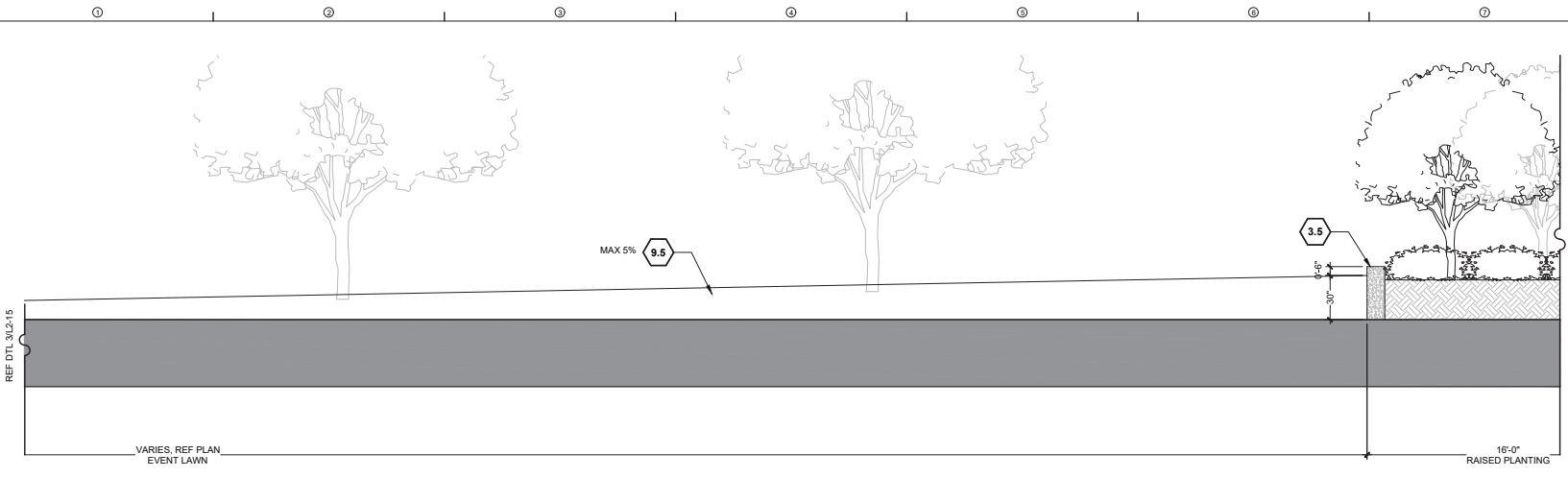
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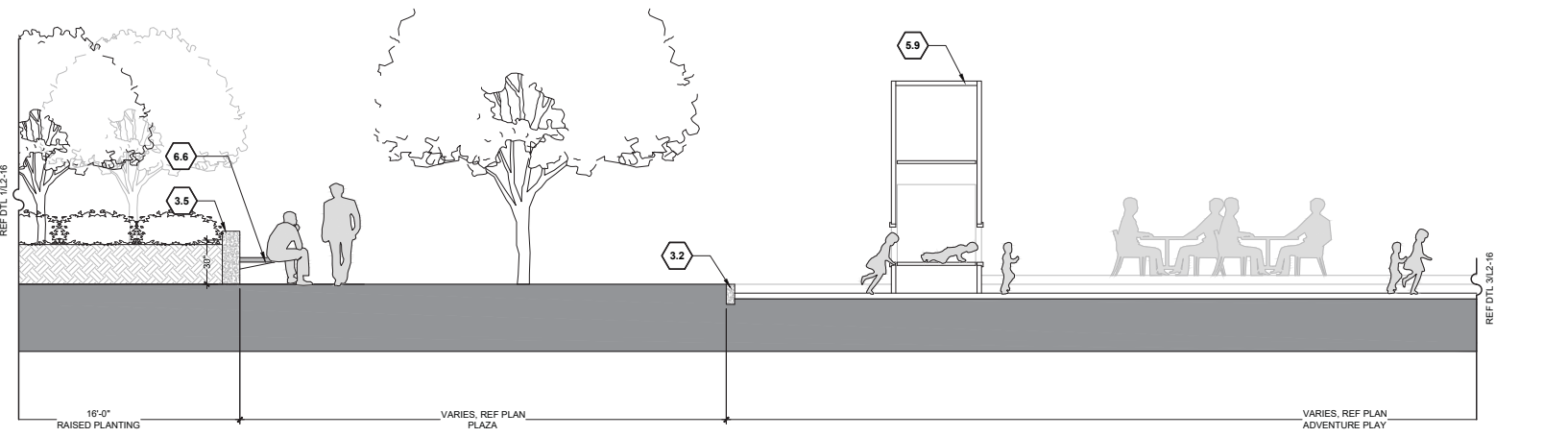
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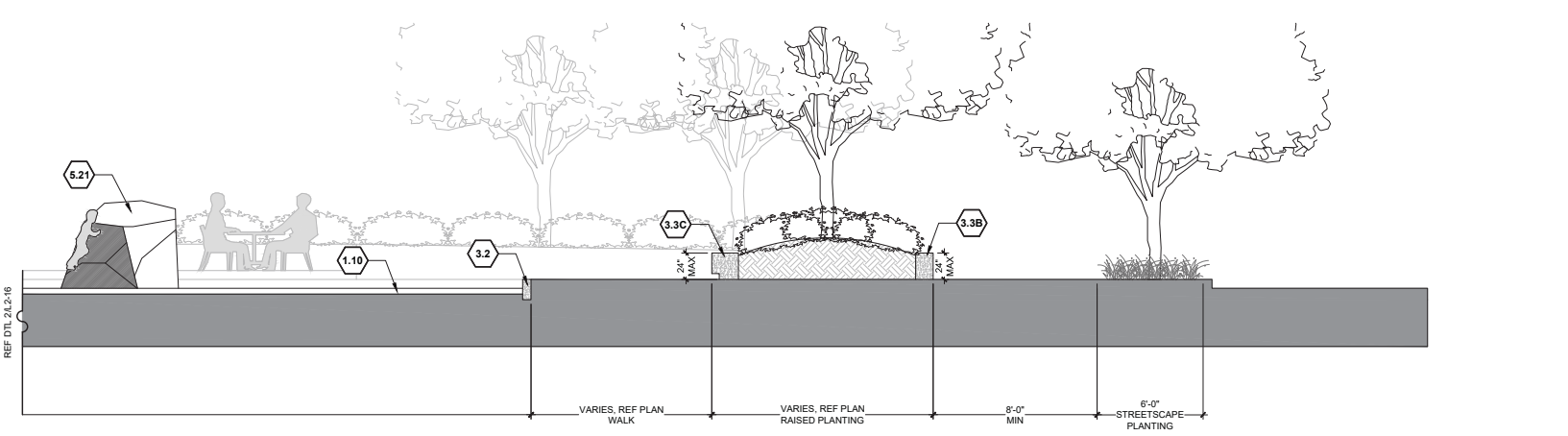
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1 CENTRAL PLAZA SPACE AND EVENT LAWN CONTINUED
SCALE: 1/4" = 1'-0"



2 CENTRAL PLAZA SPACE AND EVENT LAWN CONTINUED
SCALE: 1/4" = 1'-0"



3 CENTRAL PLAZA SPACE AND EVENT LAWN CONTINUED
SCALE: 1/16" = 1'-0"

SITE KEYNOTES:

KEYNOTE	DETAIL / SHEET	REFERENCE
1.0 PAVEMENTS, RAMPS, AND CURBS		
1.1	CIP Concrete Paving, Sawcut Joints, Standard Grey, Broom Finish	1 / L2-01
1.2A	CIP Concrete Paving, Sawcut Joints, Light Sandstone Finish, Integral color	1 / L2-01
1.2B	CIP Concrete Paving, Sawcut Joints, Medium Sandstone Finish, Integral color	1 / L2-01
1.3	Concrete/Stone Unit Pavers Type 1	2 / L2-01
1.4	Concrete/Stone Unit Pavers Type 2	2 / L2-01
1.5	Concrete/Stone Unit Pavers Type 3	2 / L2-01
1.6	CIP Concrete Band	3 / L2-01
1.7	Precast Concrete Band	3 / L2-01
1.8	Playground Asphalt	REF CCD STDS
1.9	Rubberized Play Tiles	REF CCD/DPS STDS
1.10	Fiber Play Surface	REF CCD/DPS STDS
1.11	Asphalt Parking Paving / Parking Striping	REF CCD STDS
1.12	Playground P/A ADA Ramp	4 / L2-01
1.13	ADA Ramp	REF CCD STDS
1.14	CIP Concrete Curb and Gutter	REF CCD STDS
2.0 NOT USED		
3.0 STEPS, CURBS AND WALLS		
3.1	CIP Concrete Mural Wall	4.5 / L2-02
3.2	CIP Concrete Curb	5 / L2-01
3.3A	CIP Concrete Wall, 8" W	6 / L2-01
3.3B	CIP Concrete Wall, 12" W	7 / L2-01
3.3C	CIP Concrete Wall, 18" W	8 / L2-01
3.4A	Precast Concrete Seat Wall, 18" W	9 / L2-01
3.4B	Precast Concrete Seat Wall, 36" W	1.2 / L2-02
3.5	Precast Concrete Retaining Wall	3 / L2-02
3.6	Precast Concrete Step	1 / L2-03
3.7	CMU Screen Wall	2 / L2-03
3.8	Trash Enclosure	3 / L2-03
4.0 RAILINGS, BARRIERS AND FENCING		
4.1	Stainless Steel Handrail	1 / L2-04
4.2A	Custom Fencing Type 1	4 / L2-04
4.2B	Custom Fencing Type 2	5 / L2-04
4.2C	Custom Fencing Type 3	1 / L2-05
4.2D	Custom Fencing Type 4	1 / L2-05
4.3A	Fencing Gates Type 1	2 / L2-05
4.3B	Fencing Gates Type 2	4 / L2-05
4.3C	Fencing Gates Type 3	3 / L2-05
5.0 SPECIALTY ELEMENTS		
5.1	Shade Structure, Events Lawn Pavilion	1.2 / L2-06
5.2	Shade Structure, Type 1	1 / L2-07
5.3	Shade Structure, Type 2	1 / L2-08
5.4	Overlook	1 / L2-09
5.5	Concessions/Restroom Building	REF SCHED 10
5.6	Maintenance Building	REF SCHED 10
5.7	Splash Pad Water Elements	REF SCHED 10
5.8	Tot Lot Play Elements	REF SCHED 10
5.9	Playground Play Elements	REF SCHED 10
5.10	Synthetic Turf	REF SCHED 10
5.11	Removable Soccer Goal	REF CCD STDS
5.12	Basketball Goal	REF DPS STDS
5.13	Primary Play Structure, DPS	REF DPS STDS
5.14	Intermediate Play Structure, DPS	REF DPS STDS
5.15	Swings, DPS	REF DPS STDS
5.16	Painted Courts: Hop Scotch	REF DPS STDS
5.17	Painted Court: Hop Scotch ADA	REF DPS STDS
5.18	Painted Court: Foursquare	REF DPS STDS
5.19	Painted Court: Tether Ball	REF DPS STDS
5.20	Shade Structure, DPS	REF DPS STDS
5.21	Sandstone Boulder	REF DPS STDS
6.0 FURNISHINGS		
6.1A	8' Diameter Precast Concrete Seating Pod	1 / L2-10
6.1B	10' Diameter Precast Concrete Seating Pod	2 / L2-10
6.2A	Bike Rack	REF SCHED 10
6.2B	Bike Share	REF SCHED 10
6.3	Tables and Chairs	REF SCHED 10
6.4	Trash/Recycle Receptacle	REF SCHED 10
6.5	Bench	REF SCHED 10
6.6	Custom Aluminum Bench	3 / L2-10
6.7	Removable Bollard	REF SCHED 10
6.8	Interpretive Sign	REF CDOT STDS
6.9	Drinking Fountain	REF SCHED 10
6.10	Picnic Table	REF SCHED 10
6.11	Tree Grate	REF SCHED 10
7.0 SITE LIGHTING AND ELECTRICAL		
7.1	Pedestrian Lighting	REF SCHED 10
7.2	Central Plaza Lighting	REF SCHED 10
7.3	Field Lighting	REF SCHED 10
7.4	Parking Lot Lighting	REF SCHED 10
7.5	Accent Lighting	REF SCHED 10
7.6	Tree Accent Lighting	REF SCHED 10
7.7	Electrical Outlets	REF SCHED 10
8.0 REFERENCE SECTIONS AND ELEVATIONS		
8.1	48th Avenue at Multi-Use Field	1 / L2-12
8.2	Clayton Street Cover Extension, South	2 / L2-12
8.3	Columbine Street Cover Extension, North	1 / L2-13
8.4	Clayton Street Cover Extension, North	3 / L2-12
8.5	Columbine Street Cover Extension, South	2 / L2-13
8.6	48th Avenue at Event Lawn	1 / L2-14
8.7	Tot Lot and Splash Pad	2.3 / L2-14
8.8	Multi-Use Field Fencing	4 / L2-14
8.9	Columbine Street	1 / L2-15
8.10	Central Plaza Space and Event Lawn	2.3 / L2-15, 1.2.3 / L2-16
8.11	East Side Community Space	1.2.3 / L2-17

REFERENCE SECTIONS

Print Date:	
File Name:	
Scale:	

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

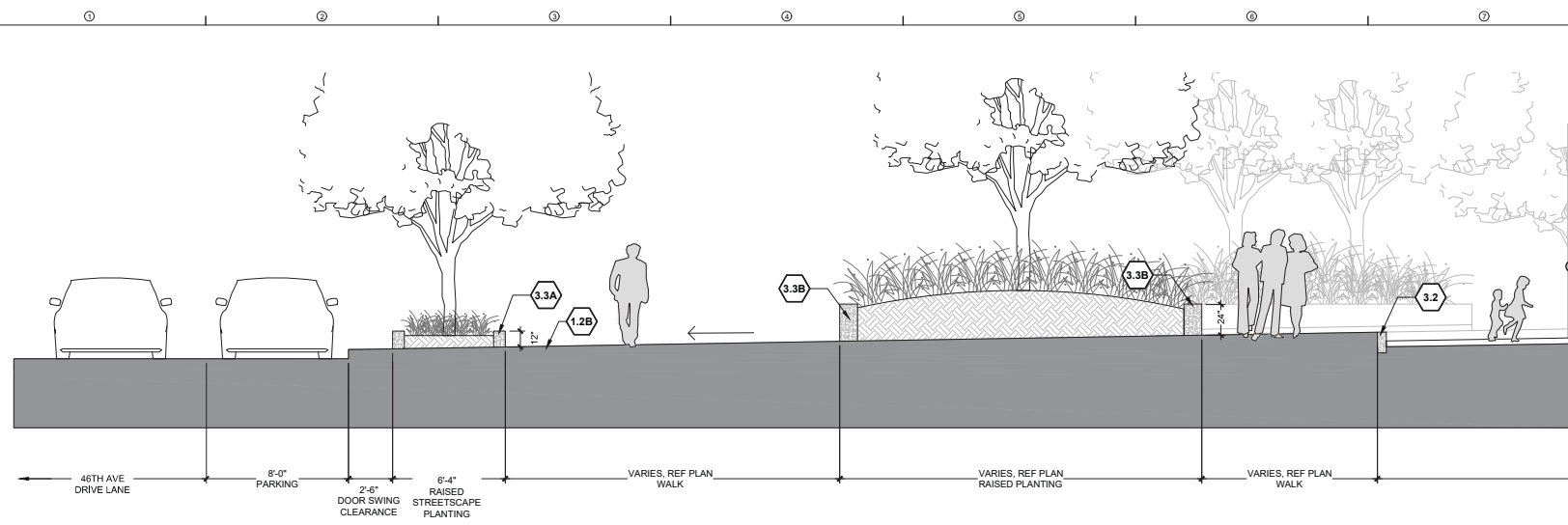
 2000 South Holly Street
 Denver, CO 80222
 Phone: 303-757-9295 FAX: 303-757-9963
 Region 1

As Constructed
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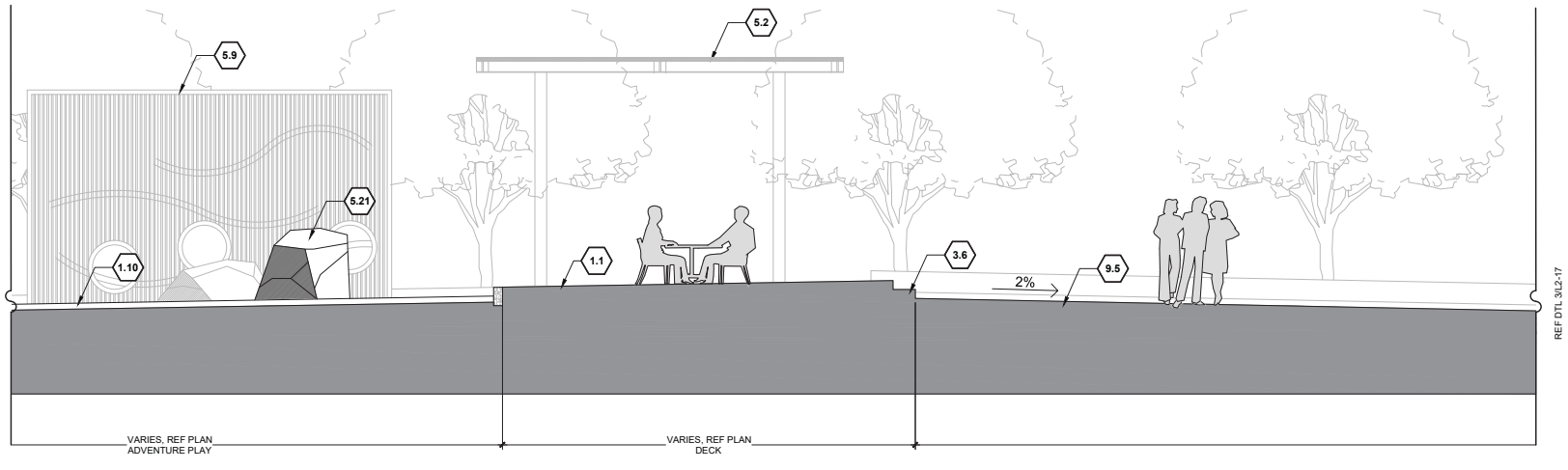
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Sheet Subset:	LID PARK
Structure Numbers	
Subset Sheets:	of

Project No./Code	7749-000
Sheet Number	L2.16

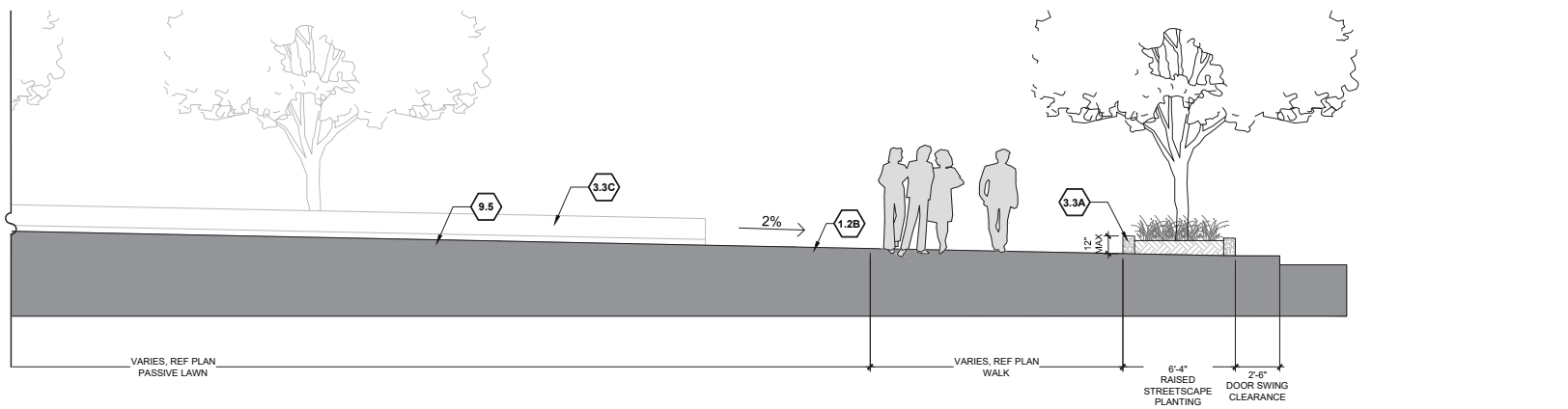




1 EAST SIDE COMMUNITY SPACE
SCALE: 1/4" = 1'-0"



2 EAST SIDE COMMUNITY SPACE CONTINUED
SCALE: 1/4" = 1'-0"



3 EAST SIDE COMMUNITY SPACE CONTINUED
SCALE: 1/4" = 1'-0"

SITE KEYNOTES:

DETAIL / SHEET	REFERENCE
1.0 PAVEMENTS, RAMPS, AND CURBS	
1.1 CIP Concrete Paving, Sawcut Joints, Standard Grey, Broom Finish	1 / L2-01
1.2A CIP Concrete Paving, Sawcut Joints, Light Sandstone Finish, Integral color	1 / L2-01
1.2B CIP Concrete Paving, Sawcut Joints, Medium Sandstone Finish, Integral color	1 / L2-01
1.3 Concrete/Stone Unit Pavers Type 1	2 / L2-01
1.4 Concrete/Stone Unit Pavers Type 2	2 / L2-01
1.5 Concrete/Stone Unit Pavers Type 3	2 / L2-01
1.6 CIP Concrete Band	3 / L2-01
1.7 Precast Concrete Band	3 / L2-01
1.8 Playground Asphalt	REF CCD STDS
1.9 Rubberized Play Tiles	REF CCD/DPS STDS
1.10 Fibar Play Surface	REF CCD/DPS STDS
1.11 Asphalt Parking Paving / Parking Striping	REF CCD STDS
1.12 Playground P/A ADA Ramp	4 / L2-01
1.13 ADA Ramp	REF CCD STDS
1.14 CIP Concrete Curb and Gutter	REF CCD STDS
2.0 NOT USED	
3.0 STEPS, CURBS AND WALLS	
3.1 CIP Concrete Mural Wall	4.5 / L2-02
3.2 CIP Concrete Curb	5 / L2-01
3.3A CIP Concrete Wall, 8" W	6 / L2-01
3.3B CIP Concrete Wall, 12" W	7 / L2-01
3.3C CIP Concrete Wall, 18" W	8 / L2-01
3.4A Precast Concrete Seat Wall, 18" W	9 / L2-01
3.4B Precast Concrete Seat Wall, 36" W	1.2 / L2-02
3.5 Precast Concrete Retaining Wall	3 / L2-02
3.6 Precast Concrete Step	1 / L2-03
3.7 CMU Screen Wall	2 / L2-03
3.8 Trash Enclosure	3 / L2-03
4.0 RAILINGS, BARRIERS AND FENCING	
4.1 Stainless Steel Handrail	1 / L2-04
4.2A Custom Fencing Type 1	4 / L2-04
4.2B Custom Fencing Type 2	5 / L2-04
4.2C Custom Fencing Type 3	1 / L2-05
4.2D Custom Fencing Type 4	1 / L2-05
4.3A Fencing Gates Type 1	2 / L2-05
4.3B Fencing Gates Type 2	4 / L2-05
4.3C Fencing Gates Type 3	3 / L2-05
5.0 SPECIALTY ELEMENTS	
5.1 Shade Structure, Events Lawn Pavilion	1.2 / L2-06
5.2 Shade Structure, Type 1	1 / L2-07
5.3 Shade Structure, Type 2	1 / L2-08
5.4 Overlook	1 / L2-09
5.5 Concessions/Restroom Building	REF SCHED 10
5.6 Maintenance Building	REF SCHED 10
5.7 Splash Pad Water Elements	REF SCHED 10
5.8 Tot Lot Play Elements	REF SCHED 10
5.9 Playground Play Elements	REF SCHED 10
5.10 Synthetic Turf	REF SCHED 10
5.11 Removable Soccer Goal	REF CCD STDS
5.12 Basketball Goal	REF DPS STDS
5.13 Primary Play Structure, DPS	REF DPS STDS
5.14 Intermediate Play Structure, DPS	REF DPS STDS
5.15 Swings, DPS	REF DPS STDS
5.16 Painted Courts: Hop Scotch	REF DPS STDS
5.17 Painted Court: Hop Scotch ADA	REF DPS STDS
5.18 Painted Court: Foursquare	REF DPS STDS
5.19 Painted Court: Tether Ball	REF DPS STDS
5.20 Shade Structure, DPS	REF DPS STDS
5.21 Sandstone Boulder	REF DPS STDS
6.0 FURNISHINGS	
6.1A 8' Diameter Precast Concrete Seating Pod	1 / L2-10
6.1B 10' Diameter Precast Concrete Seating Pod	2 / L2-10
6.2A Bike Rack	REF SCHED 10
6.2B Bike Share	REF SCHED 10
6.3 Tables and Chairs	REF SCHED 10
6.4 Trash/Recycle Receptacle	REF SCHED 10
6.5 Bench	REF SCHED 10
6.6 Custom Aluminum Bench	3 / L2-10
6.7 Removable Bollard	REF SCHED 10
6.8 Interpretive Sign	REF CDOT STDS
6.9 Drinking Fountain	REF SCHED 10
6.10 Picnic Table	REF SCHED 10
6.11 Tree Grate	REF SCHED 10
7.0 SITE LIGHTING AND ELECTRICAL	
7.1 Pedestrian Lighting	REF SCHED 10
7.2 Central Plaza Lighting	REF SCHED 10
7.3 Field Lighting	REF SCHED 10
7.4 Parking Lot Lighting	REF SCHED 10
7.5 Accent Lighting	REF SCHED 10
7.6 Tree Accent Lighting	REF SCHED 10
7.7 Electrical Outlets	REF SCHED 10
8.0 REFERENCE SECTIONS AND ELEVATIONS	
8.1 48th Avenue at Multi-Use Field	1 / L2-12
8.2 Clayton Street Cover Extension, South	2 / L2-12
8.3 Columbine Street Cover Extension, North	1 / L2-13
8.4 Clayton Street Cover Extension, North	3 / L2-12
8.5 Columbine Street Cover Extension, South	2 / L2-13
8.6 48th Avenue at Event Lawn	1 / L2-14
8.7 Tot Lot and Splash Pad	2.3 / L2-14
8.8 Multi-Use Field Fencing	4 / L2-14
8.9 Columbine Street	1 / L2-15
8.10 Central Plaza Space and Event Lawn	2.3 / L2-15, 1.2.3 / L2-16
8.11 East Side Community Space	1.2.3 / L2-17

Print Date:
File Name:
Scale:

Sheet Revisions		
Date:	Comments	Init.

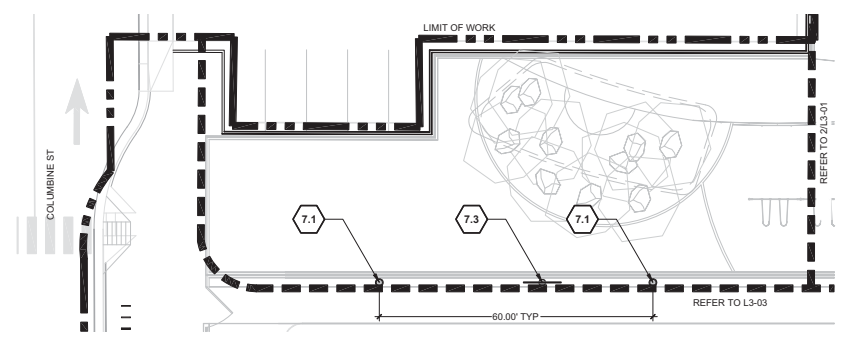
Colorado Department of Transportation

2000 South Holly Street
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Region 1

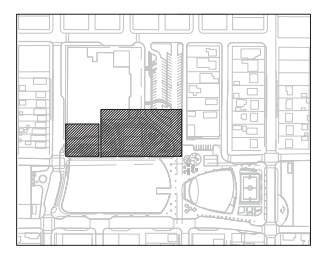
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Detailer:	N/A	Subset Sheets:
Sheet Subset: LID PARK	of	

Project No./Code
7749-000
Sheet Number L2.17



1 LIGHTING AND FURNISHINGS PLAN
1" = 16'-0"



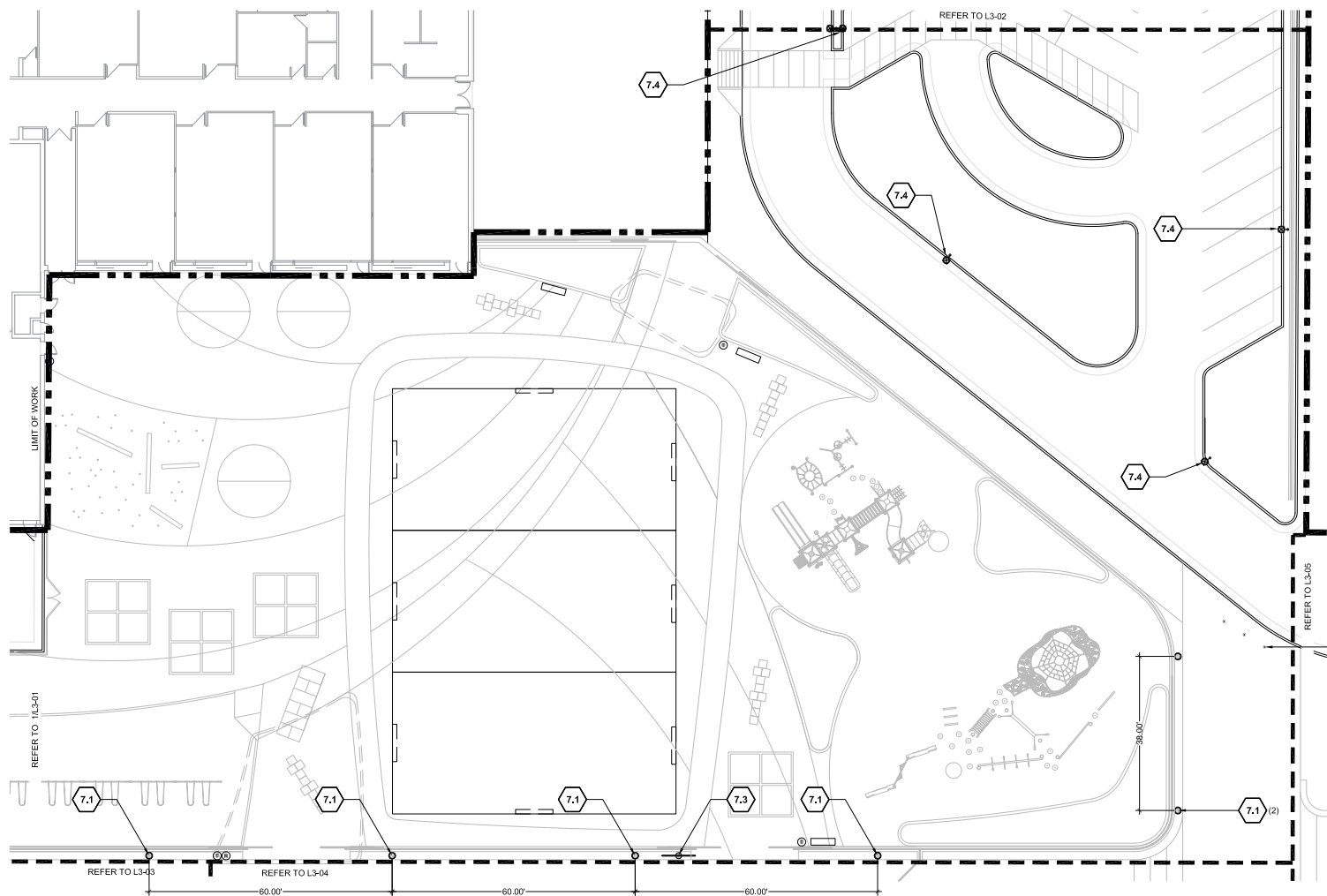
KEY PLAN

SITE KEYNOTES:

DETAIL / SHEET	REFERENCE
6.0 FURNISHINGS	
6.1A 8' Diameter Precast Concrete Seating Pod	1 / L2-10
6.1B 10' Diameter Precast Concrete Seating Pod	2 / L2-10
6.2A Bike Rack	REF SCHED 10
6.2B Bike Share	REF SCHED 10
6.3 Tables and Chairs	REF SCHED 10
6.4 Trash/Recycle Receptacle	REF SCHED 10
6.5 Bench	REF SCHED 10
6.6 Custom Aluminum Bench	3 / L2-10
6.7 Removable Bollard	REF SCHED 10
6.8 Interpretive Sign	REF CDOT STDS
6.9 Drinking Fountain	REF SCHED 10
6.10 Picnic Table	REF SCHED 10
6.11 Tree Grate	REF SCHED 10
7.0 SITE LIGHTING AND ELECTRICAL	
7.1 Pedestrian Lighting	REF SCHED 10
7.2 Central Plaza Lighting	REF SCHED 10
7.3 Field Lighting	REF SCHED 10
7.4 Parking Lot Lighting	REF SCHED 10
7.5 Accent Lighting	REF SCHED 10
7.6 Tree Accent Lighting	REF SCHED 10
7.7 Electrical Outlets	REF SCHED 10

LIGHTING AND FURNISHING LEGEND


7.1 ○ PEDESTRIAN LIGHTING	6.1 ○ PRECAST CONCRETE SEATING POD
7.2 □ CENTRAL PLAZA LIGHTING	6.2 — BIKE RACK
7.3 ● FIELD LIGHTING	6.3 ○ TABLES AND CHAIRS
7.4 ○ PARKING LOT LIGHTING	6.4 ○ TRASH/RECYCLING RECEPTACLE
7.5 — ACCENT LIGHTING	6.5 □ BENCH
7.6 ▶ TREE ACCENT LIGHTING	6.7 ● REMOVABLE BOLLARD
7.7 ○ ELECTRICAL OUTLET	6.9 ○ DRINKING FOUNTAIN
7.8 ○ STREET LIGHTING	6.10 □ PICNIC TABLE



2 LIGHTING AND FURNISHINGS PLAN
1" = 16'-0"

Print Date:
File Name:
Scale:

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

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 Region 1

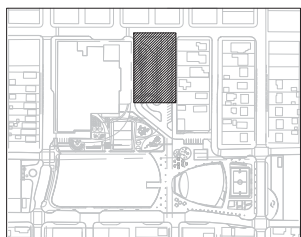
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LID PARK LIGHTING AND FURNISHING PLAN

Designer:	N/A	Structure Numbers:	
Detailer:	N/A	Subset Sheets:	of
Sheet Subset: LID PARK			

Project No./Code
 7749-000
 Sheet Number **L3.01**

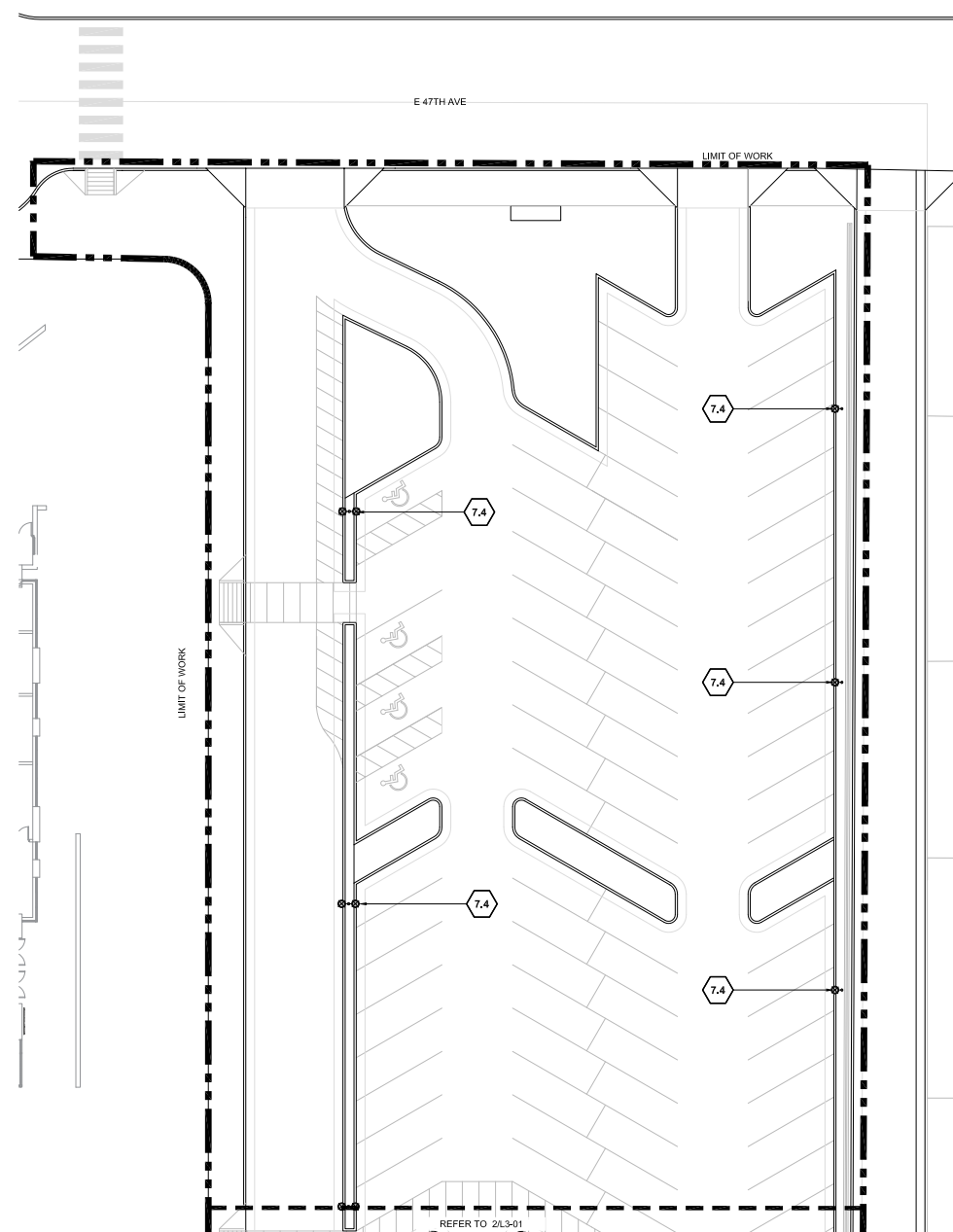




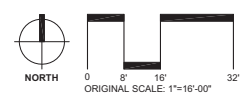
KEY PLAN

SITE KEYNOTES:		DETAIL / SHEET	REFERENCE
6.0 FURNISHINGS			
6.1A	8' Diameter Precast Concrete Seating Pod	1 / L2-10	
6.1B	10' Diameter Precast Concrete Seating Pod	2 / L2-10	
6.2A	Bike Rack		REF SCHED 10
6.2B	Bike Share		REF SCHED 10
6.3	Tables and Chairs		REF SCHED 10
6.4	Trash/Recycle Receptacle		REF SCHED 10
6.5	Bench		REF SCHED 10
6.6	Custom Aluminum Bench	3 / L2-10	
6.7	Removable Bollard		REF SCHED 10
6.8	Interpretive Sign		REF CDOT STDS
6.9	Drinking Fountain		REF SCHED 10
6.10	Picnic Table		REF SCHED 10
6.11	Tree Grate		REF SCHED 10
7.0 SITE LIGHTING AND ELECTRICAL			
7.1	Pedestrian Lighting		REF SCHED 10
7.2	Central Plaza Lighting		REF SCHED 10
7.3	Field Lighting		REF SCHED 10
7.4	Parking Lot Lighting		REF SCHED 10
7.5	Accent Lighting		REF SCHED 10
7.6	Tree Accent Lighting		REF SCHED 10
7.7	Electrical Outlets		REF SCHED 10

LIGHTING AND FURNISHING LEGEND			
7.1	○ PEDESTRIAN LIGHTING	6.1	○ PRECAST CONCRETE SEATING POD
7.2	■ CENTRAL PLAZA LIGHTING	6.2	— BIKE RACK
7.3	○ FIELD LIGHTING	6.3	○ TABLES AND CHAIRS
7.4	○ PARKING LOT LIGHTING	6.4	○ TRASH/RECYCLING RECEPTACLE
7.5	— ACCENT LIGHTING	6.5	— BENCH
7.6	▶ TREE ACCENT LIGHTING	6.7	• REMOVABLE BOLLARD
7.7	• ELECTRICAL OUTLET	6.9	○ DRINKING FOUNTAIN
7.8	○ STREET LIGHTING	6.10	▭ PICNIC TABLE

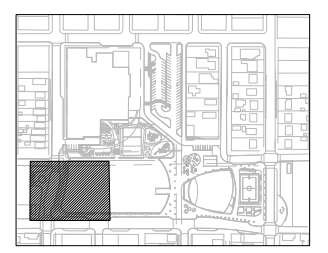
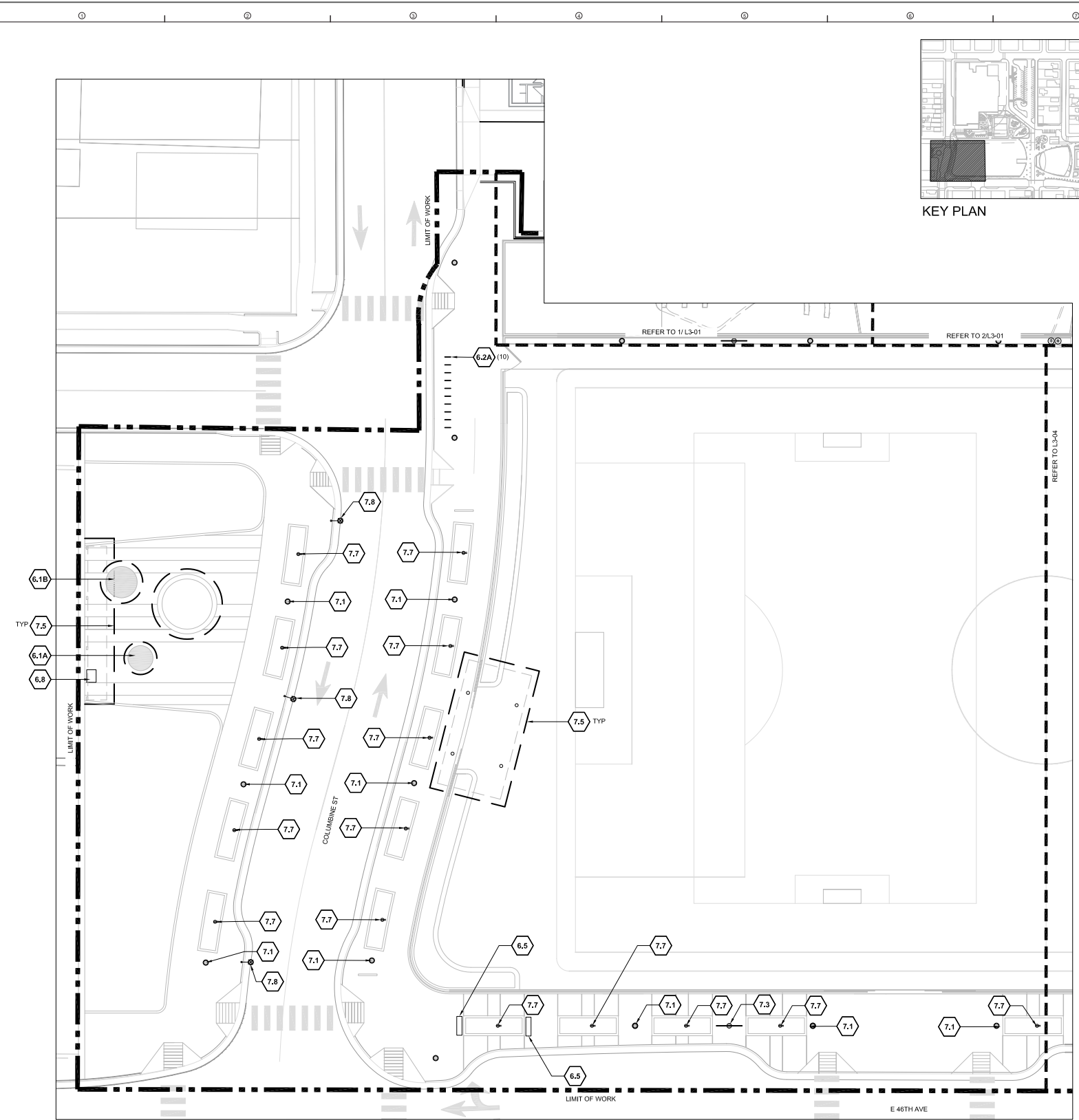


1 LIGHTING AND FURNISHINGS PLAN
1" = 16'-0"



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	Date:	Comments:	Init.:			Designer: N/A	Structure Numbers:	Sheet Subset: LID PARK	Subset Sheets: of





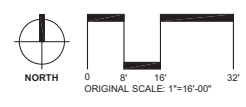
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DETAIL / SHEET	REFERENCE
6.0 FURNISHINGS	
6.1A 8' Diameter Precast Concrete Seating Pod	1 / L2-10
6.1B 10' Diameter Precast Concrete Seating Pod	2 / L2-10
6.2A Bike Rack	REF SCHED 10
6.2B Bike Share	REF SCHED 10
6.3 Tables and Chairs	REF SCHED 10
6.4 Trash/Recycle Receptacle	REF SCHED 10
6.5 Bench	REF SCHED 10
6.6 Custom Aluminum Bench	3 / L2-10
6.7 Removable Bollard	REF SCHED 10
6.8 Interpretive Sign	REF CDOT STDS
6.9 Drinking Fountain	REF SCHED 10
6.10 Picnic Table	REF SCHED 10
6.11 Tree Grate	REF SCHED 10
7.0 SITE LIGHTING AND ELECTRICAL	
7.1 Pedestrian Lighting	REF SCHED 10
7.2 Central Plaza Lighting	REF SCHED 10
7.3 Field Lighting	REF SCHED 10
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7.5 Accent Lighting	REF SCHED 10
7.6 Tree Accent Lighting	REF SCHED 10
7.7 Electrical Outlets	REF SCHED 10

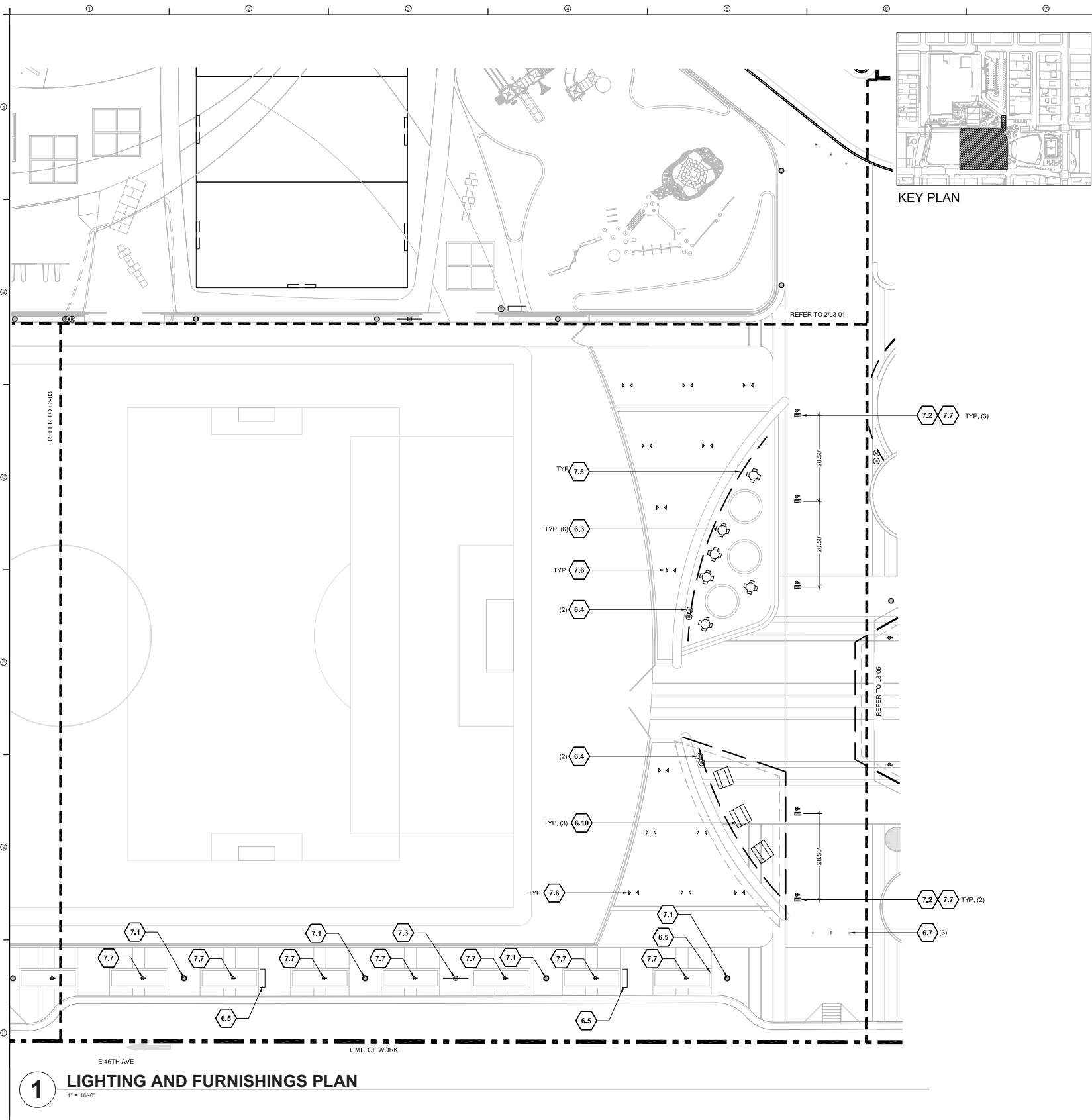
LIGHTING AND FURNISHING LEGEND

7.1 ○ PEDESTRIAN LIGHTING	6.1 ● PRECAST CONCRETE SEATING POD
7.2 □ CENTRAL PLAZA LIGHTING	6.2 — BIKE RACK
7.3 ○ FIELD LIGHTING	6.3 ○ TABLES AND CHAIRS
7.4 ○ PARKING LOT LIGHTING	6.4 ○ TRASH/RECYCLING RECEPTACLE
7.5 — ACCENT LIGHTING	6.5 □ BENCH
7.6 ▶ TREE ACCENT LIGHTING	6.7 ● REMOVABLE BOLLARD
7.7 ○ ELECTRICAL OUTLET	6.9 ○ DRINKING FOUNTAIN
7.8 ○ STREET LIGHTING	6.10 □ PICNIC TABLE

1 LIGHTING AND FURNISHINGS PLAN
1" = 16'-0"



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File Name:		Date:	Comments	No Revisions:		7749-000
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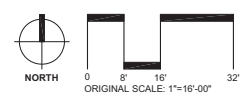
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DETAIL / SHEET	REFERENCE
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6.1B 10' Diameter Precast Concrete Seating Pod	2 / L2-10
6.2A Bike Rack	REF SCHED 10
6.2B Bike Share	REF SCHED 10
6.3 Tables and Chairs	REF SCHED 10
6.4 Trash/Recycle Receptacle	REF SCHED 10
6.5 Bench	REF SCHED 10
6.6 Custom Aluminum Bench	3 / L2-10
6.7 Removable Bollard	REF SCHED 10
6.8 Interpretive Sign	REF CDOT STDS
6.9 Drinking Fountain	REF SCHED 10
6.10 Picnic Table	REF SCHED 10
6.11 Tree Grate	REF SCHED 10
7.0 SITE LIGHTING AND ELECTRICAL	
7.1 Pedestrian Lighting	REF SCHED 10
7.2 Central Plaza Lighting	REF SCHED 10
7.3 Field Lighting	REF SCHED 10
7.4 Parking Lot Lighting	REF SCHED 10
7.5 Accent Lighting	REF SCHED 10
7.6 Tree Accent Lighting	REF SCHED 10
7.7 Electrical Outlets	REF SCHED 10

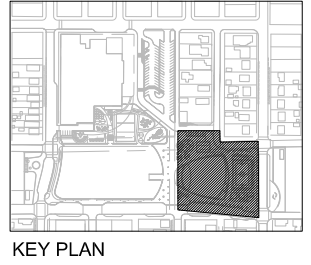
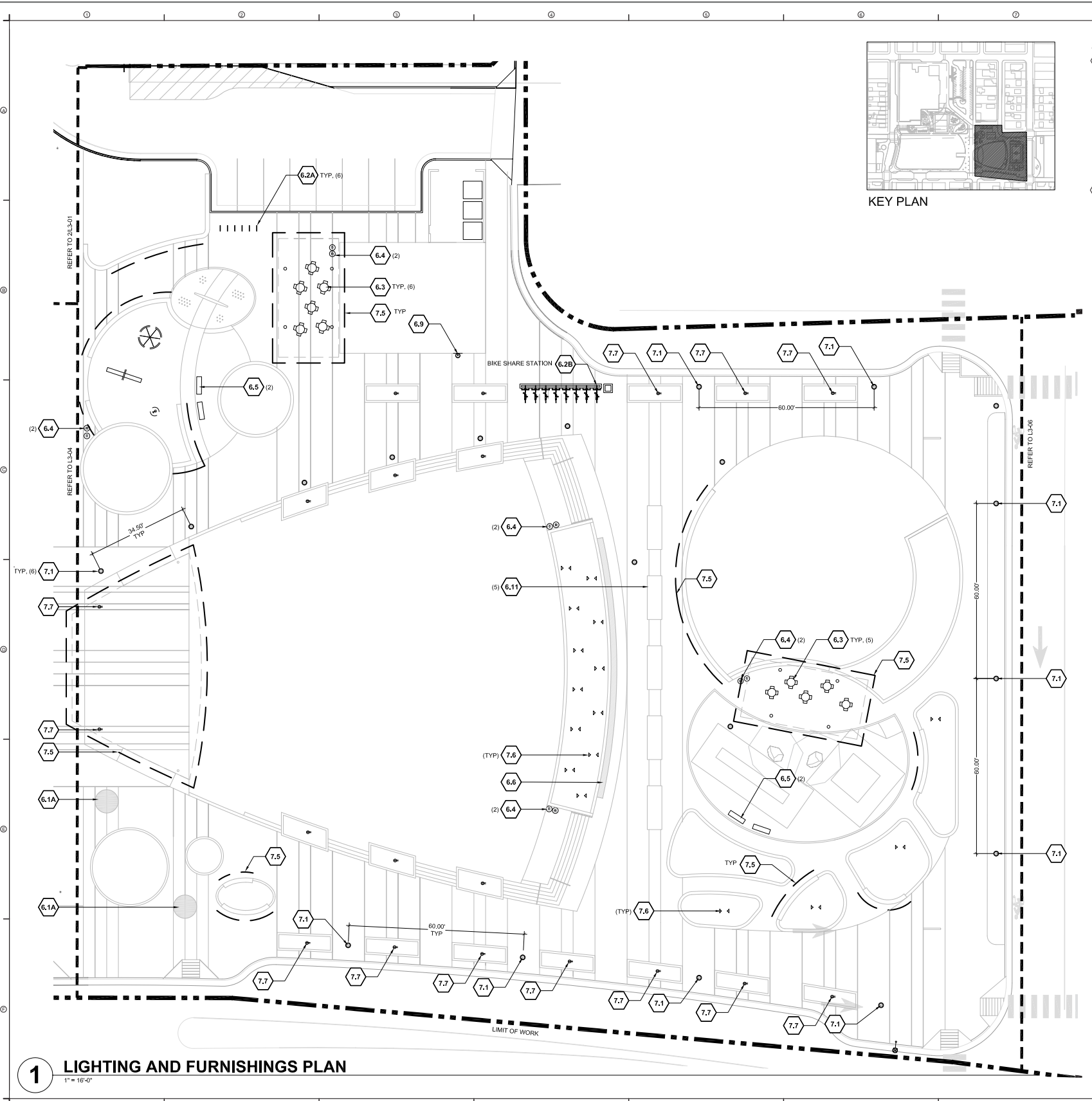
LIGHTING AND FURNISHING LEGEND

7.1 ○ PEDESTRIAN LIGHTING	6.1 ● PRECAST CONCRETE SEATING POD
7.2 □ CENTRAL PLAZA LIGHTING	6.2 — BIKE RACK
7.3 ○ FIELD LIGHTING	6.3 ○ TABLES AND CHAIRS
7.4 ○ PARKING LOT LIGHTING	6.4 ○ TRASH/RECYCLING RECEPTACLE
7.5 — ACCENT LIGHTING	6.5 □ BENCH
7.6 ▷ TREE ACCENT LIGHTING	6.7 ● REMOVABLE BOLLARD
7.7 ○ ELECTRICAL OUTLET	6.9 ○ DRINKING FOUNTAIN
7.8 ○ STREET LIGHTING	6.10 □ PICNIC TABLE

1 LIGHTING AND FURNISHINGS PLAN
1" = 16'-0"



Print Date: File Name: Scale:	Sheet Revisions			Colorado Department of Transportation 2000 South Holly Street Denver, CO 80222 Phone: 303-757-9295 FAX: 303-757-9963 Region 1	As Constructed No Revisions: Revised: Void:	LID PARK LIGHTING AND FURNISHING PLAN		Project No./Code	
	Date:	Comments	Init.					7749-000	
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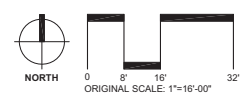
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DETAIL / SHEET	REFERENCE
6.0 FURNISHINGS	
6.1A 8' Diameter Precast Concrete Seating Pod	1 / L2-10
6.1B 10' Diameter Precast Concrete Seating Pod	2 / L2-10
6.2A Bike Rack	REF SCHED 10
6.2B Bike Share	REF SCHED 10
6.3 Tables and Chairs	REF SCHED 10
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7.0 SITE LIGHTING AND ELECTRICAL	
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7.7 Electrical Outlets	REF SCHED 10

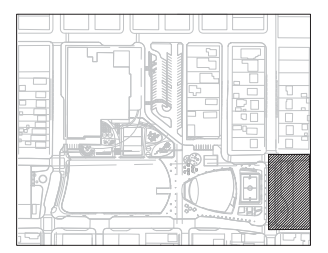
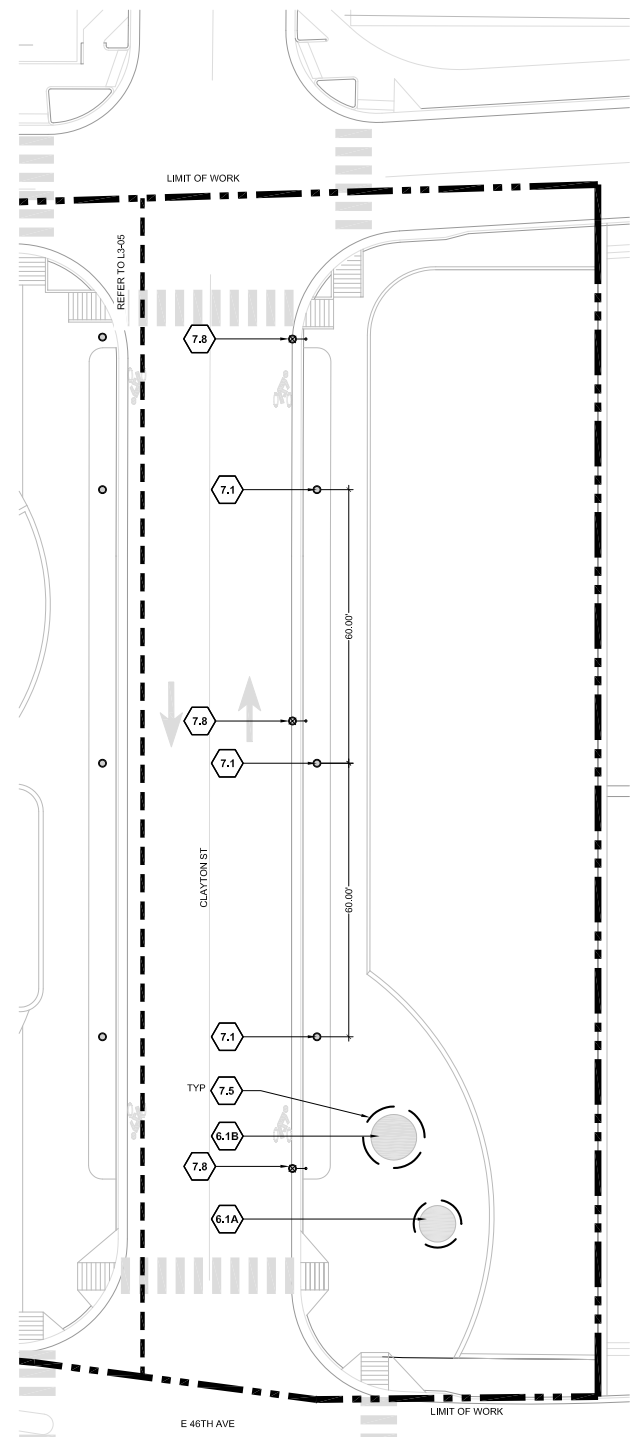
LIGHTING AND FURNISHING LEGEND

7.1 ○ PEDESTRIAN LIGHTING	6.1 ● PRECAST CONCRETE SEATING POD
7.2 □ CENTRAL PLAZA LIGHTING	6.2 — BIKE RACK
7.3 ○ FIELD LIGHTING	6.3 ○ TABLES AND CHAIRS
7.4 ○ PARKING LOT LIGHTING	6.4 ○ TRASH/RECYCLING RECEPTACLE
7.5 — ACCENT LIGHTING	6.5 □ BENCH
7.6 > < TREE ACCENT LIGHTING	6.7 ● REMOVABLE BOLLARD
7.7 ○ ELECTRICAL OUTLET	6.9 ○ DRINKING FOUNTAIN
7.8 ○ STREET LIGHTING	6.10 □ PICNIC TABLE

1 LIGHTING AND FURNISHINGS PLAN
1" = 16'-0"



Print Date:	Sheet Revisions			Colorado Department of Transportation		As Constructed		LID PARK LIGHTING AND FURNISHING PLAN		Project No./Code	
File Name:	Date:	Comments	Init.	2000 South Holly Street Denver, CO 80222 Phone: 303-757-9295 FAX: 303-757-9963 Region 1		No Revisions:		Designer: N/A Detailer: N/A		7749-000	
Scale:						Revised:				Structure Numbers	
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KEY PLAN

SITE KEYNOTES:

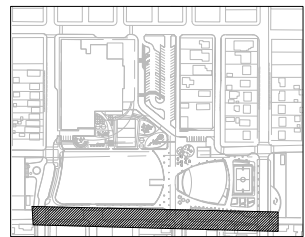
DETAIL / SHEET	REFERENCE
6.0 FURNISHINGS	
6.1A 8' Diameter Precast Concrete Seating Pod	1 / L2-10
6.1B 10' Diameter Precast Concrete Seating Pod	2 / L2-10
6.2A Bike Rack	REF SCHED 10
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6.4 Trash/Recycle Receptacle	REF SCHED 10
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7.4 Parking Lot Lighting	REF SCHED 10
7.5 Accent Lighting	REF SCHED 10
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7.7 Electrical Outlets	REF SCHED 10

LIGHTING AND FURNISHING LEGEND

7.1 ○ PEDESTRIAN LIGHTING	6.1 ● PRECAST CONCRETE SEATING POD
7.2 □ CENTRAL PLAZA LIGHTING	6.2 — BIKE RACK
7.3 ○ FIELD LIGHTING	6.3 ○ TABLES AND CHAIRS
7.4 ○ PARKING LOT LIGHTING	6.4 ○ TRASH/RECYCLING RECEPTACLE
7.5 — ACCENT LIGHTING	6.5 □ BENCH
7.6 ▶ TREE ACCENT LIGHTING	6.7 ● REMOVABLE BOLLARD
7.7 ○ ELECTRICAL OUTLET	6.9 ○ DRINKING FOUNTAIN
7.8 ○ STREET LIGHTING	6.10 □ PICNIC TABLE

1 LIGHTING AND FURNISHINGS PLAN
1" = 16'-0"

Print Date:	Sheet Revisions			Colorado Department of Transportation		As Constructed		LID PARK LIGHTING AND FURNISHING PLAN		Project No./Code	
File Name:	Date:	Comments	Init.	2000 South Holly Street Denver, CO 80222 Phone: 303-757-9295 FAX: 303-757-9963 Region 1	No Revisions:		Designer: N/A		Structure Numbers		7749-000
Scale:					Revised:		Detailer: N/A				
						Void:		Sheet Subset: LID PARK		Subset Sheets: of	



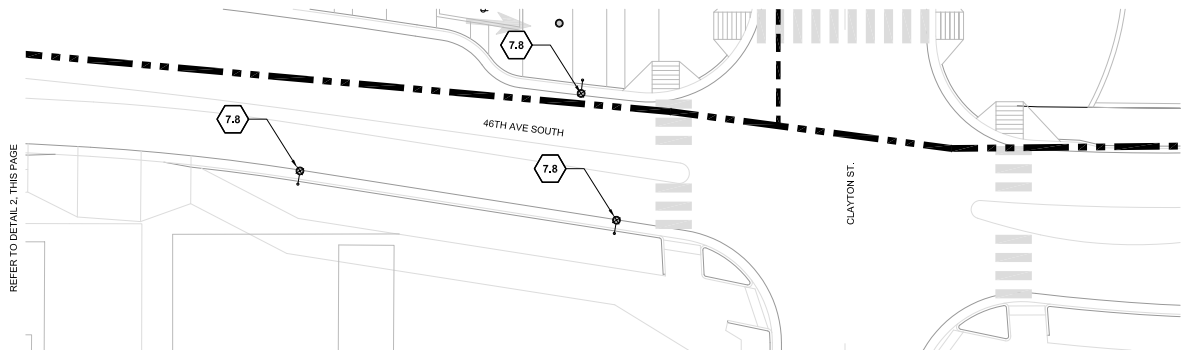
KEY PLAN

SITE KEYNOTES:

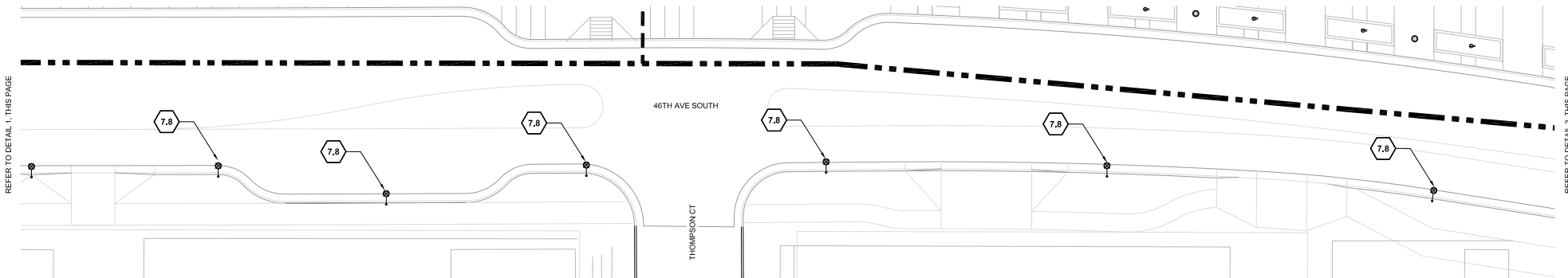
DETAIL / SHEET	REFERENCE
6.0 FURNISHINGS	
6.1A 8' Diameter Precast Concrete Seating Pod	1 / L2-10
6.1B 10' Diameter Precast Concrete Seating Pod	2 / L2-10
6.2A Bike Rack	REF SCHED 10
6.2B Bike Share	REF SCHED 10
6.3 Tables and Chairs	REF SCHED 10
6.4 Trash/Recycle Receptacle	REF SCHED 10
6.5 Bench	REF SCHED 10
6.6 Custom Aluminum Bench	3 / L2-10
6.7 Removable Bollard	REF SCHED 10
6.8 Interpretive Sign	REF CDOT STD
6.9 Drinking Fountain	REF SCHED 10
6.10 Picnic Table	REF SCHED 10
6.11 Tree Grate	REF SCHED 10
7.0 SITE LIGHTING AND ELECTRICAL	
7.1 Pedestrian Lighting	REF SCHED 10
7.2 Central Plaza Lighting	REF SCHED 10
7.3 Field Lighting	REF SCHED 10
7.4 Parking Lot Lighting	REF SCHED 10
7.5 Accent Lighting	REF SCHED 10
7.6 Tree Accent Lighting	REF SCHED 10
7.7 Electrical Outlets	REF SCHED 10

LIGHTING AND FURNISHING LEGEND

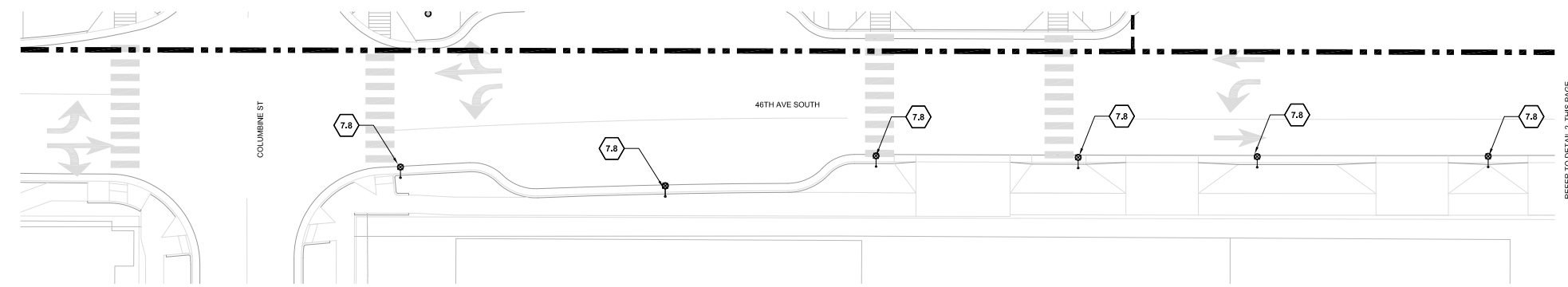
7.1	PEDESTRIAN LIGHTING	6.1	PRECAST CONCRETE SEATING POD
7.2	CENTRAL PLAZA LIGHTING	6.2	BIKE RACK
7.3	FIELD LIGHTING	6.3	TABLES AND CHAIRS
7.4	PARKING LOT LIGHTING	6.4	TRASH/RECYCLING RECEPTACLE
7.5	ACCENT LIGHTING	6.5	BENCH
7.6	TREE ACCENT LIGHTING	6.7	REMOVABLE BOLLARD
7.7	ELECTRICAL OUTLET	6.9	DRINKING FOUNTAIN
7.8	STREET LIGHTING	6.10	PICNIC TABLE



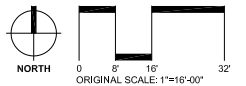
3 LIGHTING AND FURNISHINGS PLAN
1" = 16'-0"



2 LIGHTING AND FURNISHINGS PLAN
1" = 16'-0"



1 LIGHTING AND FURNISHINGS PLAN
1" = 16'-0"



Print Date:
File Name:
Scale:

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

2000 South Holly Street
Denver, CO 80222
Phone: 303-757-9295 FAX: 303-757-9963
Region 1

As Constructed

No Revisions:

Revised:

Void:

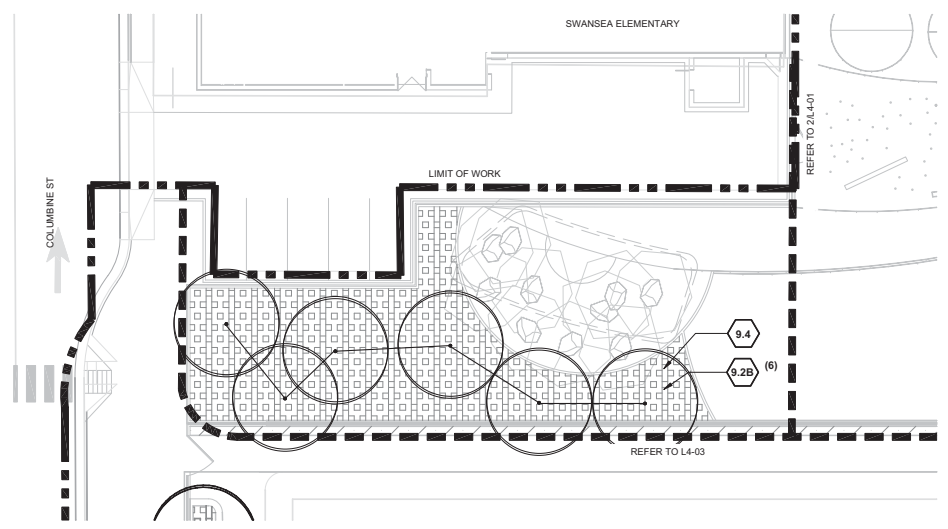
LID PARK LIGHTING AND FURNISHING PLAN

Designer:	N/A	Structure Numbers:	
Detailer:	N/A	Subset Sheets:	of
Sheet Subset:	LID PARK		

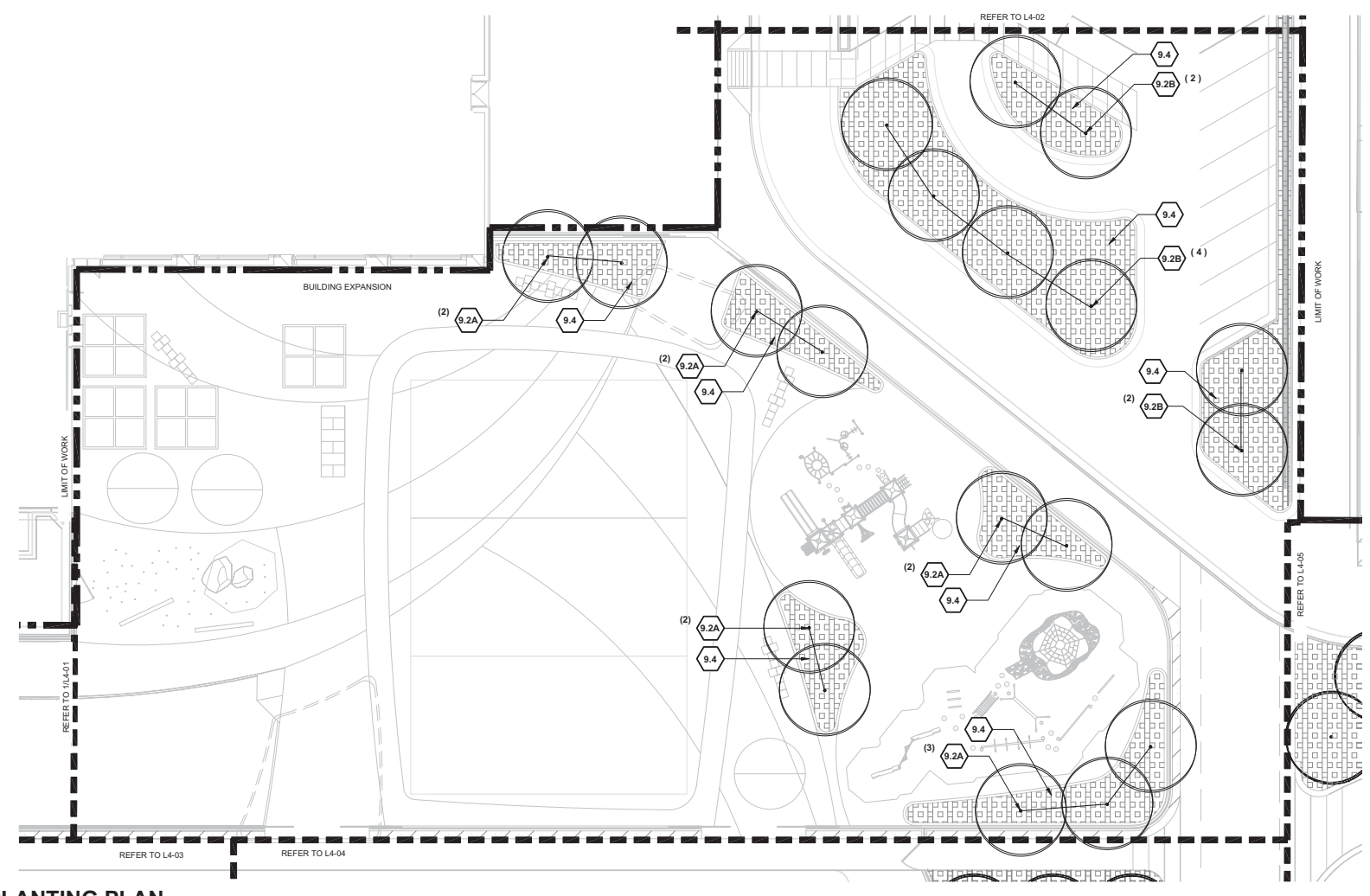
Project No./Code

7749-000

Sheet Number **L3.07**



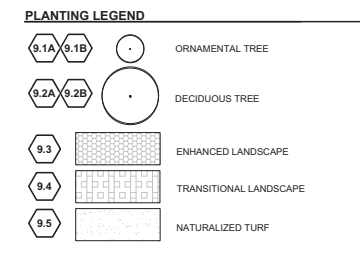
1 PLANTING PLAN
1" = 16'-0"



2 PLANTING PLAN
1" = 16'-0"

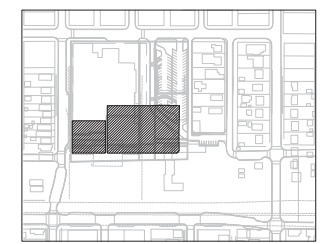
PLANTING KEYNOTES:

DETAIL / SHEET	REFERENCE
9.0 PLANTING AND LANDSCAPE	
9.1A Ornamental Tree Planting - In Raised Planter	REF SCHED 10
9.1B Ornamental Tree Planting - Flush w/ Adjacent Paved Area	REF SCHED 10
9.2A Deciduous Tree Planting - In Raised Planter	REF SCHED 10
9.2B Deciduous Tree Planting - Flush w/ Adjacent Paved Area	REF SCHED 10
9.3 Enhanced Landscape	REF SCHED 10
9.4 Transitional Landscape	REF SCHED 10
9.5 Naturalized Turf	REF SCHED 10

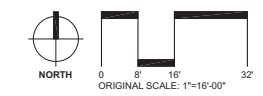


NOTES REGARDING TREE PLANTING:

- ALL 9.1A AND 9.2A TREES ARE TO BE PLANTED IN RAISED PLANTERS
- ALL 9.1B AND 9.2B TREES ARE TO BE PLANTED FLUSH WITH ADJACENT PAVED AREAS



KEY PLAN



Print Date:
File Name:
Scale:

Sheet Revisions

Date:	Comments	Init.

Colorado Department of Transportation

2000 South Holly Street
Denver, CO 80222
Phone: 303-757-9295 FAX: 303-757-9963
Region 1

As Constructed

No Revisions:

Revised:

Void:

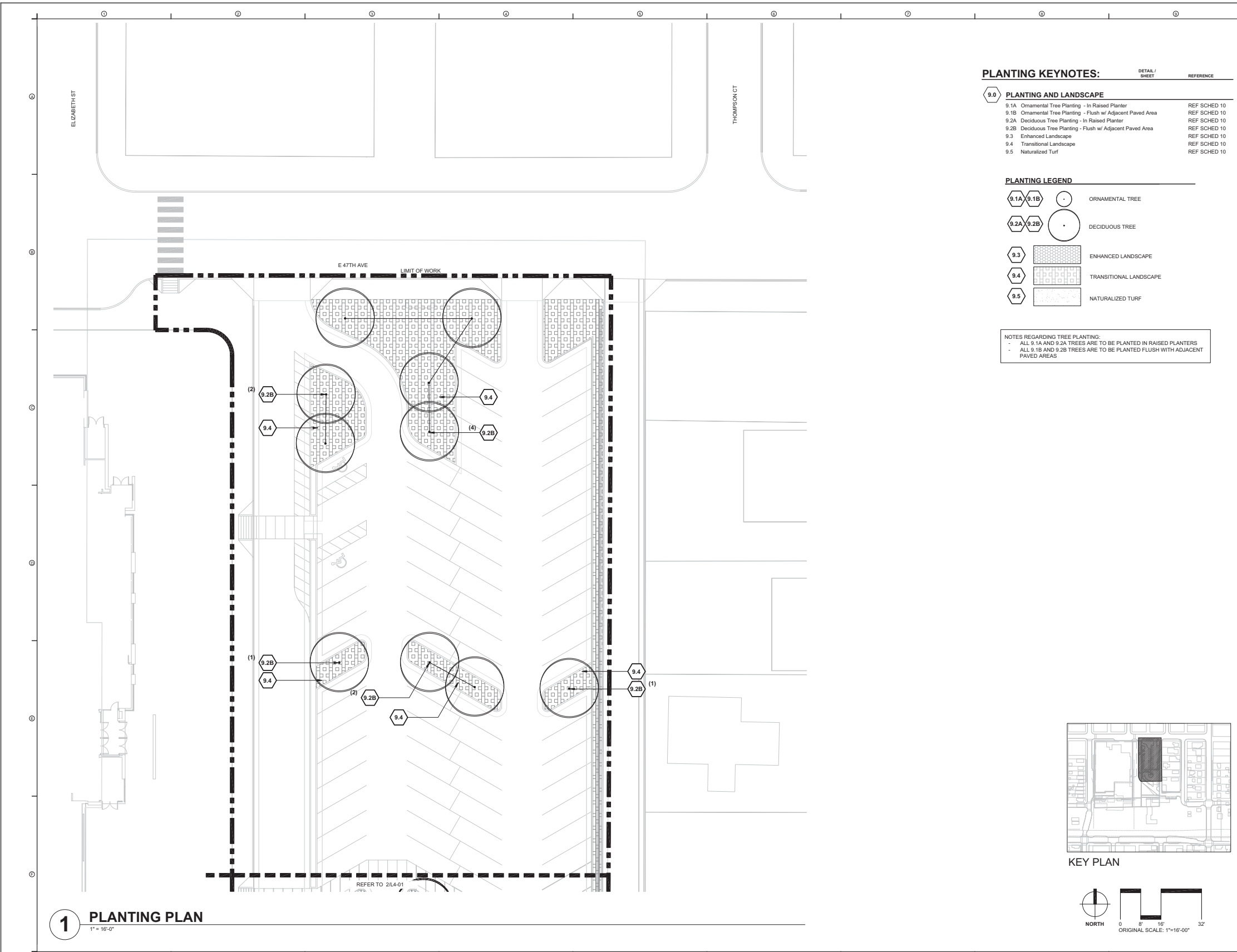
LID PARK PLANTING PLAN

Designer:	N/A	Structure Numbers	
Detailer:	N/A	Subset Sheets:	of
Sheet Subset:	LID PARK		

Project No./Code

7749-000

Sheet Number **L4.01**



PLANTING KEYNOTES:

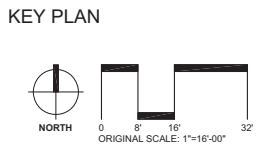
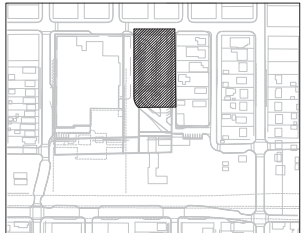
DETAIL / SHEET	REFERENCE
9.0 PLANTING AND LANDSCAPE	
9.1A Ornamental Tree Planting - In Raised Planter	REF SCHED 10
9.1B Ornamental Tree Planting - Flush w/ Adjacent Paved Area	REF SCHED 10
9.2A Deciduous Tree Planting - In Raised Planter	REF SCHED 10
9.2B Deciduous Tree Planting - Flush w/ Adjacent Paved Area	REF SCHED 10
9.3 Enhanced Landscape	REF SCHED 10
9.4 Transitional Landscape	REF SCHED 10
9.5 Naturalized Turf	REF SCHED 10

PLANTING LEGEND

9.1A, 9.1B	ORNAMENTAL TREE
9.2A, 9.2B	DECIDUOUS TREE
9.3	ENHANCED LANDSCAPE
9.4	TRANSITIONAL LANDSCAPE
9.5	NATURALIZED TURF

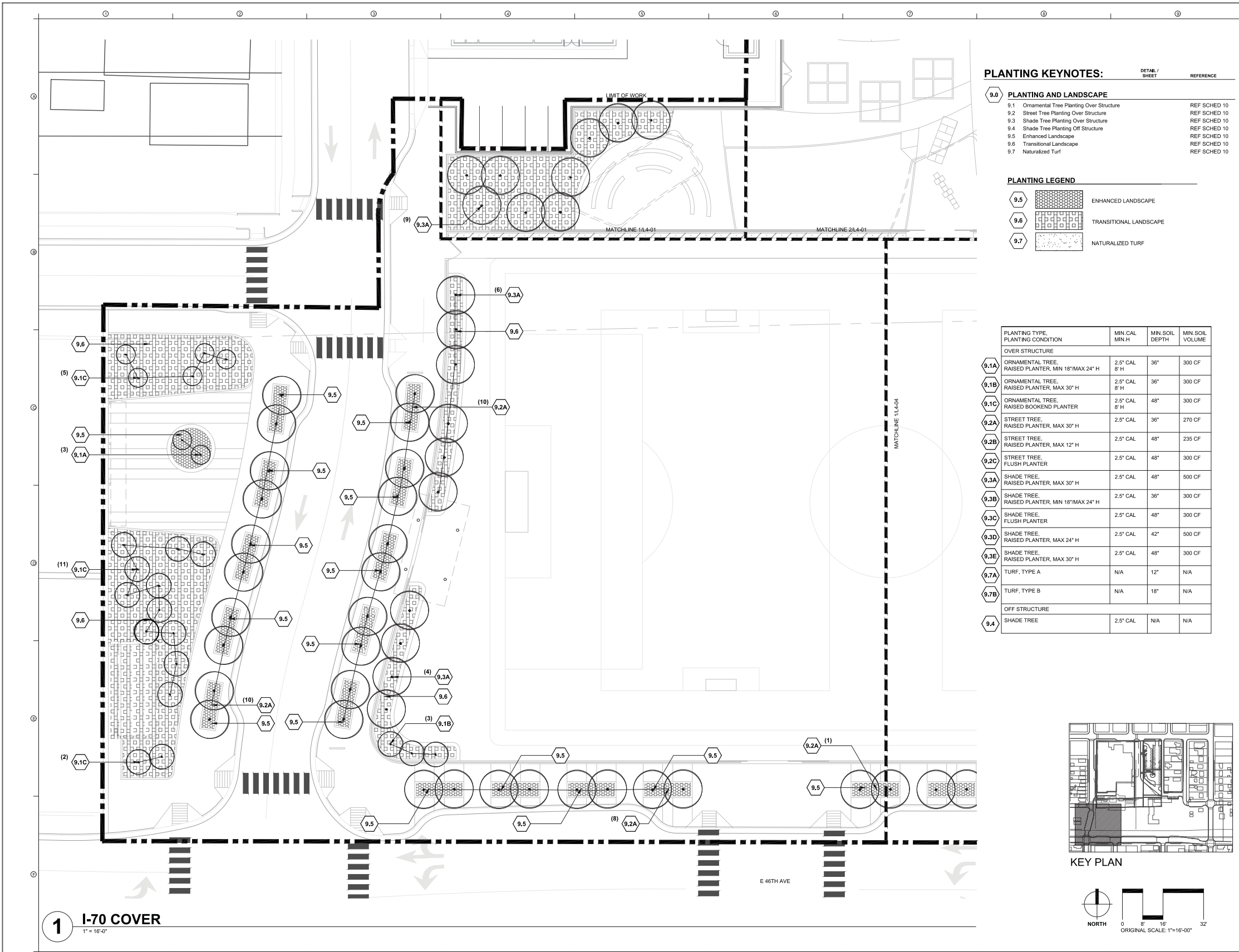
NOTES REGARDING TREE PLANTING:

- ALL 9.1A AND 9.2A TREES ARE TO BE PLANTED IN RAISED PLANTERS
- ALL 9.1B AND 9.2B TREES ARE TO BE PLANTED FLUSH WITH ADJACENT PAVED AREAS



1 PLANTING PLAN
1"=16'-0"

Print Date:	Sheet Revisions			Colorado Department of Transportation		As Constructed		LID PARK PLANTING PLAN		Project No./Code
File Name:	Date:	Comments	Init.	2000 South Holly Street Denver, CO 80222 Phone: 303-757-9295 FAX: 303-757-9963 Region 1	No Revisions:	Designer: N/A		Structure Numbers	7749-000	
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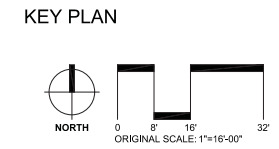
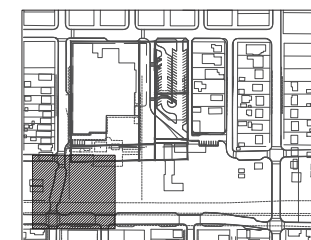
PLANTING KEYNOTES:

DETAIL / SHEET	REFERENCE
9.0 PLANTING AND LANDSCAPE	
9.1 Ornamental Tree Planting Over Structure	REF SCHED 10
9.2 Street Tree Planting Over Structure	REF SCHED 10
9.3 Shade Tree Planting Over Structure	REF SCHED 10
9.4 Shade Tree Planting Off Structure	REF SCHED 10
9.5 Enhanced Landscape	REF SCHED 10
9.6 Transitional Landscape	REF SCHED 10
9.7 Naturalized Turf	REF SCHED 10

PLANTING LEGEND

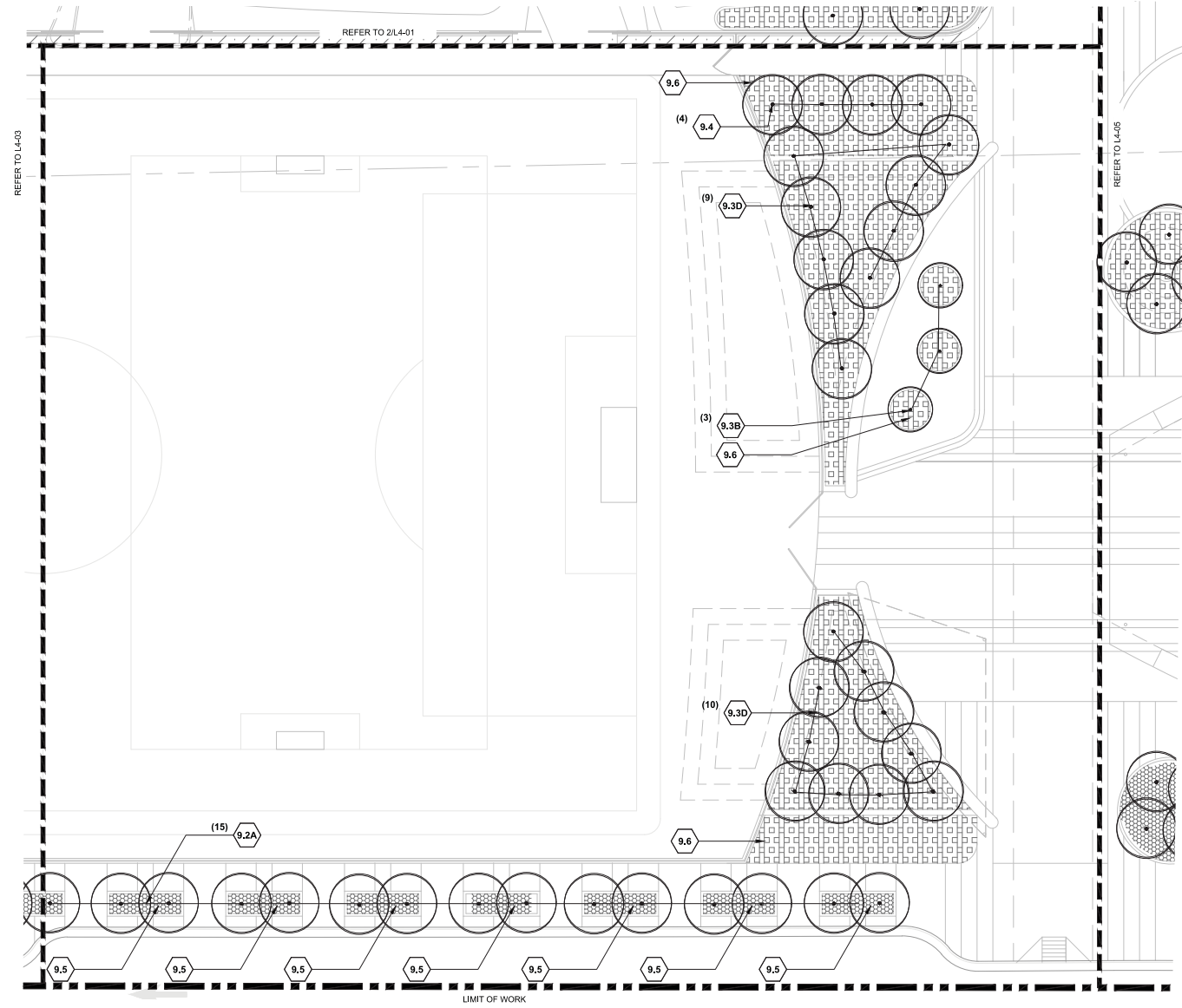
9.5		ENHANCED LANDSCAPE
9.6		TRANSITIONAL LANDSCAPE
9.7		NATURALIZED TURF

PLANTING TYPE, PLANTING CONDITION	MIN. CAL MIN. H	MIN. SOIL DEPTH	MIN. SOIL VOLUME
OVER STRUCTURE			
9.1A ORNAMENTAL TREE, RAISED PLANTER, MIN 18" MAX 24" H	2.5" CAL 8" H	36"	300 CF
9.1B ORNAMENTAL TREE, RAISED PLANTER, MAX 30" H	2.5" CAL 8" H	36"	300 CF
9.1C ORNAMENTAL TREE, RAISED BOOKEND PLANTER	2.5" CAL 8" H	48"	300 CF
9.2A STREET TREE, RAISED PLANTER, MAX 30" H	2.5" CAL	36"	270 CF
9.2B STREET TREE, RAISED PLANTER, MAX 12" H	2.5" CAL	48"	235 CF
9.2C STREET TREE, FLUSH PLANTER	2.5" CAL	48"	300 CF
9.3A SHADE TREE, RAISED PLANTER, MAX 30" H	2.5" CAL	48"	500 CF
9.3B SHADE TREE, RAISED PLANTER, MIN 18" MAX 24" H	2.5" CAL	36"	300 CF
9.3C SHADE TREE, FLUSH PLANTER	2.5" CAL	48"	300 CF
9.3D SHADE TREE, RAISED PLANTER, MAX 24" H	2.5" CAL	42"	500 CF
9.3E SHADE TREE, RAISED PLANTER, MAX 30" H	2.5" CAL	48"	300 CF
9.7A TURF, TYPE A	N/A	12"	N/A
9.7B TURF, TYPE B	N/A	18"	N/A
OFF STRUCTURE			
9.4 SHADE TREE	2.5" CAL	N/A	N/A



1 I-70 COVER
1" = 16'-0"

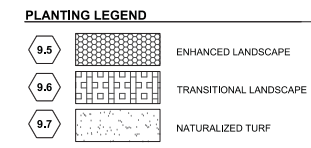
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File Name:	Date:	Comments	Init.		No Revisions:		Designer: D. DUCLOS		7749-000		
Scale:					Revised:		Detailer: J. BOCKEY				
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							Structure Numbers		Subset Sheets: of		



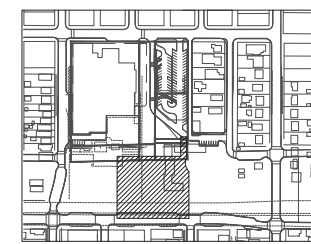
1 PLANTING PLAN
1" = 16'-0"

PLANTING KEYNOTES:

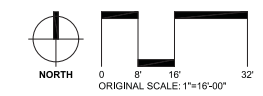
DETAIL / SHEET	REFERENCE
9.0 PLANTING AND LANDSCAPE	
9.1 Ornamental Tree Planting Over Structure	REF SCHED 10
9.2 Street Tree Planting Over Structure	REF SCHED 10
9.3 Shade Tree Planting Over Structure	REF SCHED 10
9.4 Shade Tree Planting Off Structure	REF SCHED 10
9.5 Enhanced Landscape	REF SCHED 10
9.6 Transitional Landscape	REF SCHED 10
9.7 Naturalized Turf	REF SCHED 10



PLANTING TYPE, PLANTING CONDITION	MIN. CAL. MIN. H	MIN. SOIL DEPTH	MIN. SOIL VOLUME
OVER STRUCTURE			
9.1A ORNAMENTAL TREE, RAISED PLANTER, MIN 18" MAX 24" H	2.5" CAL. 8" H	36"	300 CF
9.1B ORNAMENTAL TREE, RAISED PLANTER, MAX 30" H	2.5" CAL. 8" H	36"	300 CF
9.1C ORNAMENTAL TREE, RAISED BOOKEND PLANTER	2.5" CAL. 8" H	48"	300 CF
9.2A STREET TREE, RAISED PLANTER, MAX 30" H	2.5" CAL. 8" H	36"	270 CF
9.2B STREET TREE, RAISED PLANTER, MAX 12" H	2.5" CAL. 8" H	48"	235 CF
9.2C STREET TREE, FLUSH PLANTER	2.5" CAL. 8" H	48"	300 CF
9.3A SHADE TREE, RAISED PLANTER, MAX 30" H	2.5" CAL. 8" H	48"	500 CF
9.3B SHADE TREE, RAISED PLANTER, MIN 18" MAX 24" H	2.5" CAL. 8" H	36"	300 CF
9.3C SHADE TREE, FLUSH PLANTER	2.5" CAL. 8" H	48"	300 CF
9.3D SHADE TREE, RAISED PLANTER, MAX 24" H	2.5" CAL. 8" H	42"	500 CF
9.3E SHADE TREE, RAISED PLANTER, MAX 30" H	2.5" CAL. 8" H	48"	300 CF
9.7A TURF, TYPE 1	N/A	12"	N/A
9.7B TURF, TYPE 2	N/A	18"	N/A
OFF STRUCTURE			
9.4 SHADE TREE	2.5" CAL.	N/A	N/A

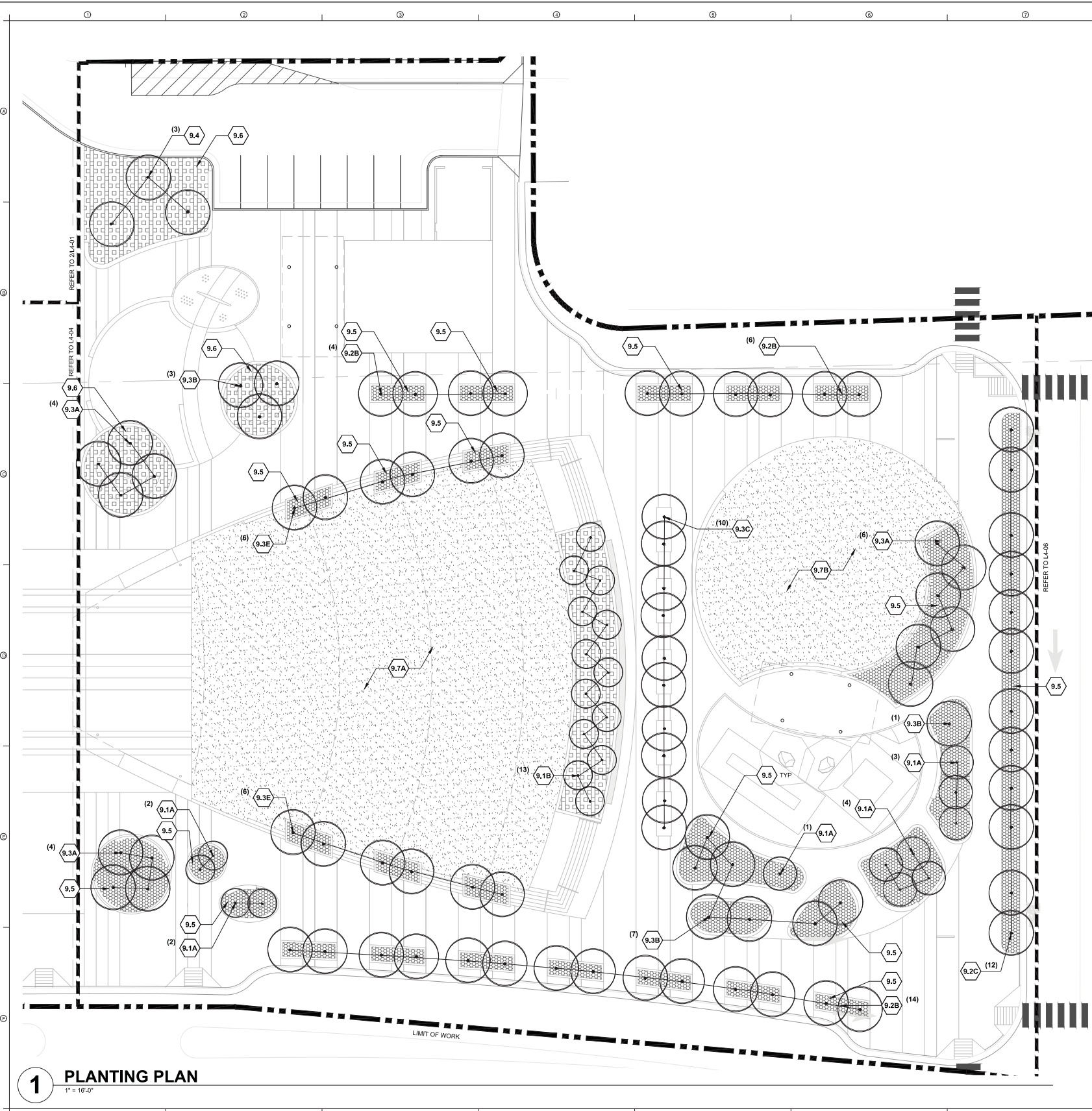


KEY PLAN



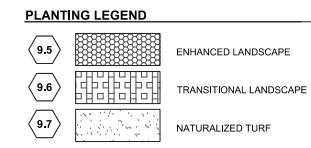
Print Date:	Sheet Revisions			Colorado Department of Transportation		As Constructed		LID PARK PLANTING PLAN		Project No./Code	
File Name:	Date:	Comments	Init.		2000 South Holly Street Denver, CO 80222 Phone: 303-757-9295 FAX: 303-757-9963		No Revisions:		7749-000		
Scale:					Region 1	Revised:		Designer: D. DUCLOS	Structure Numbers		
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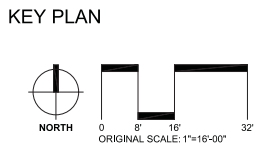
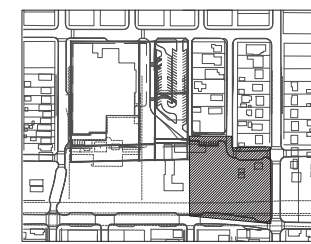


PLANTING KEYNOTES:

DETAIL / SHEET	REFERENCE
9.0 PLANTING AND LANDSCAPE	
9.1 Ornamental Tree Planting Over Structure	REF SCHED 10
9.2 Street Tree Planting Over Structure	REF SCHED 10
9.3 Shade Tree Planting Over Structure	REF SCHED 10
9.4 Shade Tree Planting Off Structure	REF SCHED 10
9.5 Enhanced Landscape	REF SCHED 10
9.6 Transitional Landscape	REF SCHED 10
9.7 Naturalized Turf	REF SCHED 10

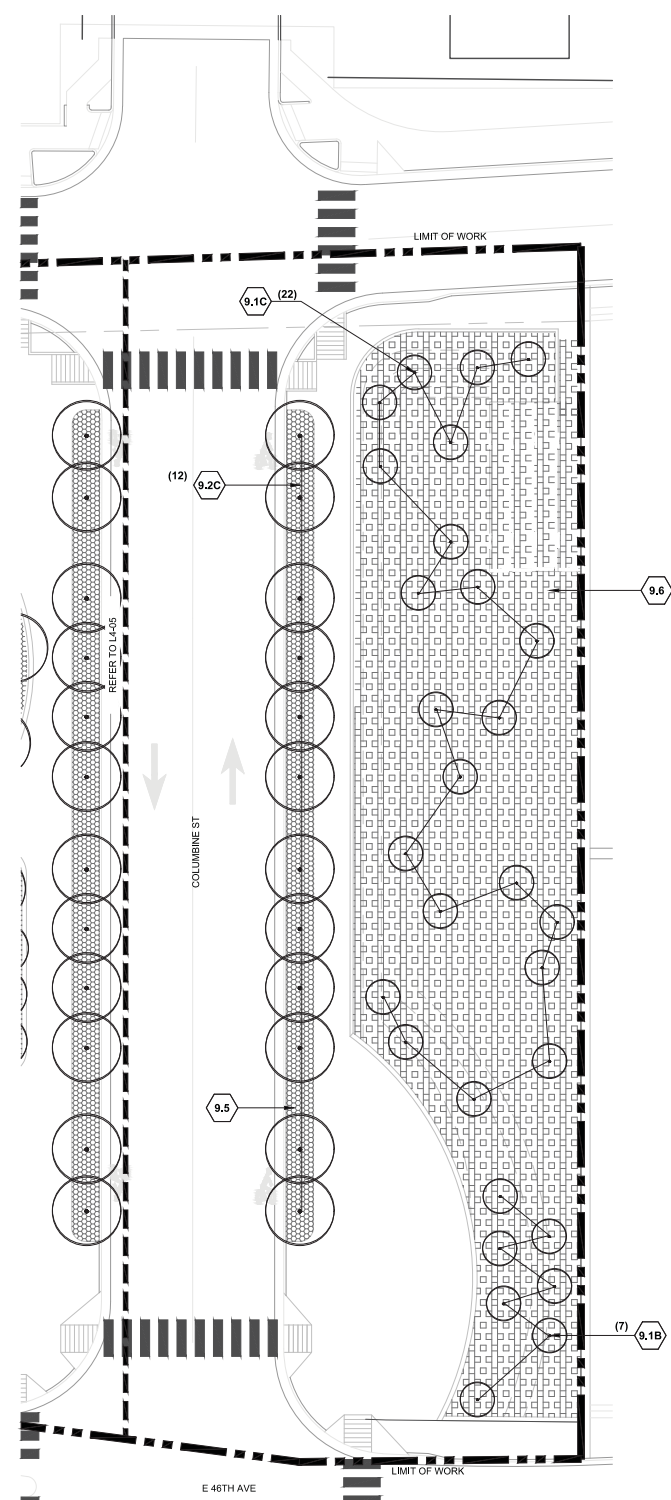


PLANTING TYPE, PLANTING CONDITION	MIN. CAL. MIN. H	MIN. SOIL DEPTH	MIN. SOIL VOLUME
OVER STRUCTURE			
9.1A ORNAMENTAL TREE, RAISED PLANTER, MIN 18" MAX 24" H	2.5" CAL 8" H	36"	300 CF
9.1B ORNAMENTAL TREE, RAISED PLANTER, MAX 30" H	2.5" CAL 8" H	36"	300 CF
9.1C ORNAMENTAL TREE, RAISED BOOKEND PLANTER	2.5" CAL 8" H	48"	300 CF
9.2A STREET TREE, RAISED PLANTER, MAX 30" H	2.5" CAL	36"	270 CF
9.2B STREET TREE, RAISED PLANTER, MAX 12" H	2.5" CAL	48"	235 CF
9.2C STREET TREE, FLUSH PLANTER	2.5" CAL	48"	300 CF
9.3A SHADE TREE, RAISED PLANTER, MAX 30" H	2.5" CAL	48"	500 CF
9.3B SHADE TREE, RAISED PLANTER, MIN 18" MAX 24" H	2.5" CAL	36"	300 CF
9.3C SHADE TREE, FLUSH PLANTER	2.5" CAL	48"	300 CF
9.3D SHADE TREE, RAISED PLANTER, MAX 24" H	2.5" CAL	42"	500 CF
9.3E SHADE TREE, RAISED PLANTER, MAX 30" H	2.5" CAL	48"	300 CF
9.7A TURF, TYPE 1	N/A	12"	N/A
9.7B TURF, TYPE 2	N/A	18"	N/A
OFF STRUCTURE			
9.4 SHADE TREE	2.5" CAL	N/A	N/A



1 PLANTING PLAN
1" = 16'-0"

Print Date:	Sheet Revisions			Colorado Department of Transportation		As Constructed		LID PARK PLANTING PLAN		Project No./Code		
File Name:	Date:	Comments	Init.		2000 South Holly Street Denver, CO 80222 Phone: 303-757-9295 FAX: 303-757-9963 Region 1		No Revisions:		Designer: D. DUCLOS Structure Numbers Detailer: J. BOCKEY		7749-000	
Scale:											Revised:	

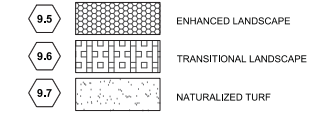


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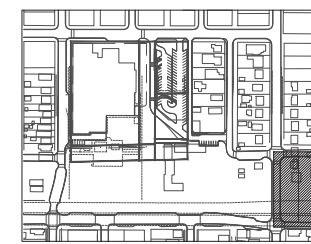
DETAIL / SHEET REFERENCE

9.0	PLANTING AND LANDSCAPE	REF SCHED 10
9.1	Ornamental Tree Planting Over Structure	REF SCHED 10
9.2	Street Tree Planting Over Structure	REF SCHED 10
9.3	Shade Tree Planting Over Structure	REF SCHED 10
9.4	Shade Tree Planting Off Structure	REF SCHED 10
9.5	Enhanced Landscape	REF SCHED 10
9.6	Transitional Landscape	REF SCHED 10
9.7	Naturalized Turf	REF SCHED 10

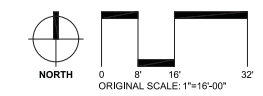
PLANTING LEGEND



PLANTING TYPE	PLANTING CONDITION	MIN. CAL	MIN. SOIL DEPTH	MIN. SOIL VOLUME
OVER STRUCTURE				
9.1A	ORNAMENTAL TREE, RAISED PLANTER, MIN 18" MAX 24" H	2.5" CAL 8" H	36"	300 CF
9.1B	ORNAMENTAL TREE, RAISED PLANTER, MAX 30" H	2.5" CAL 8" H	36"	300 CF
9.1C	ORNAMENTAL TREE, RAISED BOOKEND PLANTER	2.5" CAL 8" H	48"	300 CF
9.2A	STREET TREE, RAISED PLANTER, MAX 30" H	2.5" CAL	36"	270 CF
9.2B	STREET TREE, RAISED PLANTER, MAX 12" H	2.5" CAL	48"	235 CF
9.2C	STREET TREE, FLUSH PLANTER	2.5" CAL	48"	300 CF
9.3A	SHADE TREE, RAISED PLANTER, MAX 30" H	2.5" CAL	48"	500 CF
9.3B	SHADE TREE, RAISED PLANTER, MIN 18" MAX 24" H	2.5" CAL	36"	300 CF
9.3C	SHADE TREE, FLUSH PLANTER	2.5" CAL	48"	300 CF
9.3D	SHADE TREE, RAISED PLANTER, MAX 24" H	2.5" CAL	42"	500 CF
9.3E	SHADE TREE, RAISED PLANTER, MAX 30" H	2.5" CAL	48"	300 CF
9.7A	TURF, TYPE 1	N/A	12"	N/A
9.7B	TURF, TYPE 2	N/A	18"	N/A
OFF STRUCTURE				
9.4	SHADE TREE	2.5" CAL	N/A	N/A



KEY PLAN



1 I-70 COVER
1" = 16'-0"

Print Date:	Sheet Revisions			Colorado Department of Transportation		As Constructed		LID PARK PLANTING PLAN		Project No./Code	
File Name:	Date:	Comments	Init.		2000 South Holly Street Denver, CO 80222 Phone: 303-757-9295 FAX: 303-757-9963		No Revisions:		7749-000		
Scale:					Region 1	Revised:		Designer: D. DUCLOS	Structure Numbers		
							Void:	Detailer: J. BOCKEY	Subset Sheets:	of	Sheet Number L4.06
								Sheet Subset: LID PARK			

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REFER TO DETAIL 1, THIS PAGE

REFER TO DETAIL 3, THIS PAGE

REFER TO DETAIL 2, THIS PAGE

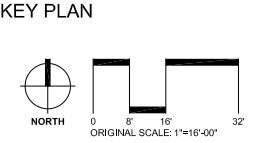
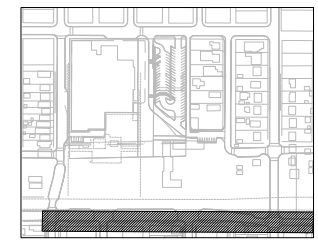
PLANTING KEYNOTES:

DETAIL / SHEET	REFERENCE
9.0	PLANTING AND LANDSCAPE
9.1	Ornamental Tree Planting Over Structure REF SCHED 10
9.2	Street Tree Planting Over Structure REF SCHED 10
9.3	Shade Tree Planting Over Structure REF SCHED 10
9.4	Shade Tree Planting Off Structure REF SCHED 10
9.5	Enhanced Landscape REF SCHED 10
9.6	Transitional Landscape REF SCHED 10
9.7	Naturalized Turf REF SCHED 10

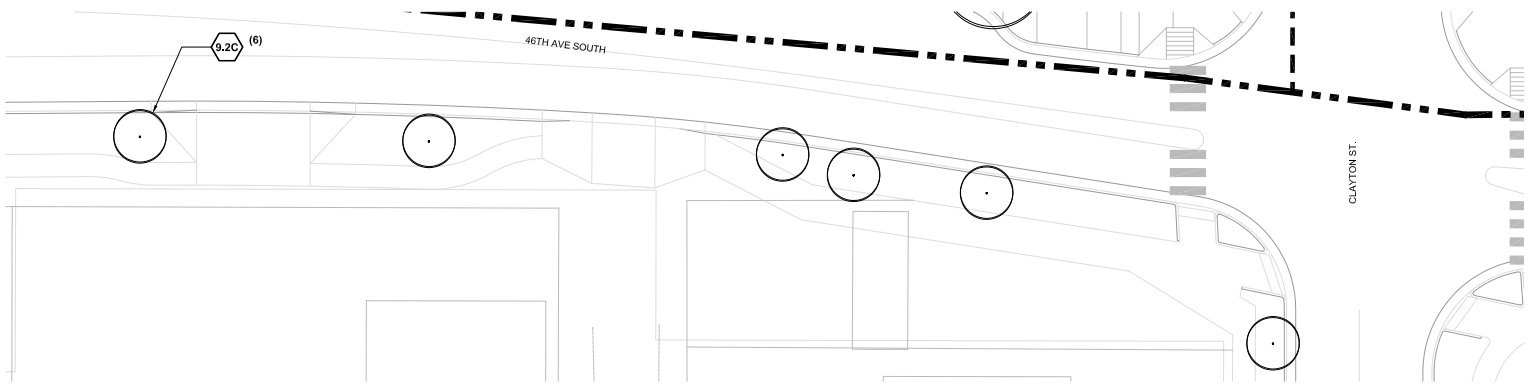
PLANTING LEGEND

9.5		ENHANCED LANDSCAPE
9.6		TRANSITIONAL LANDSCAPE
9.7		NATURALIZED TURF

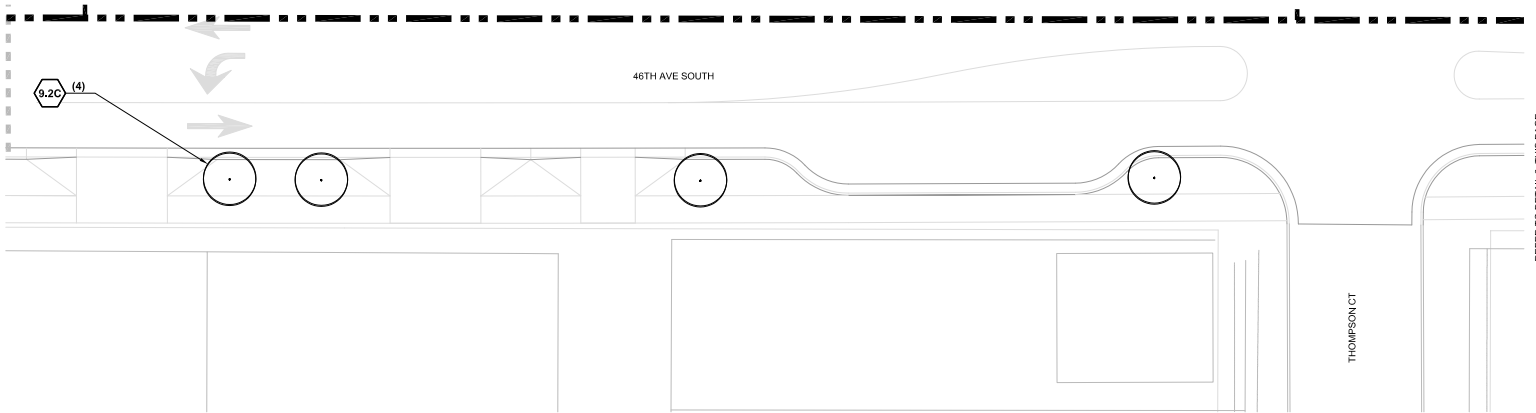
PLANTING TYPE, PLANTING CONDITION	MIN. CAL. MIN. H.	MIN. SOIL DEPTH	MIN. SOIL VOLUME	
OVER STRUCTURE				
9.1A	ORNAMENTAL TREE, RAISED PLANTER, MIN 18" MAX 24" H	2.5' CAL. 8" H	36"	300 CF
9.1B	ORNAMENTAL TREE, RAISED PLANTER, MAX 30" H	2.5' CAL. 8" H	36"	300 CF
9.1C	ORNAMENTAL TREE, RAISED BOOKEND PLANTER	2.5' CAL. 8" H	48"	300 CF
9.2A	STREET TREE, RAISED PLANTER, MAX 30" H	2.5' CAL.	36"	270 CF
9.2B	STREET TREE, RAISED PLANTER, MAX 12" H	2.5' CAL.	48"	235 CF
9.2C	STREET TREE, FLUSH PLANTER	2.5' CAL.	48"	300 CF
9.3A	SHADE TREE, RAISED PLANTER, MAX 30" H	2.5' CAL.	48"	500 CF
9.3B	SHADE TREE, RAISED PLANTER, MIN 18" MAX 24" H	2.5' CAL.	36"	300 CF
9.3C	SHADE TREE, FLUSH PLANTER	2.5' CAL.	48"	300 CF
9.3D	SHADE TREE, RAISED PLANTER, MAX 24" H	2.5' CAL.	42"	500 CF
9.3E	SHADE TREE, RAISED PLANTER, MAX 30" H	2.5' CAL.	48"	300 CF
9.7A	TURF, TYPE 1	N/A	12"	N/A
9.7B	TURF, TYPE 2	N/A	18"	N/A
OFF STRUCTURE				
9.4	SHADE TREE	2.5' CAL.	N/A	N/A



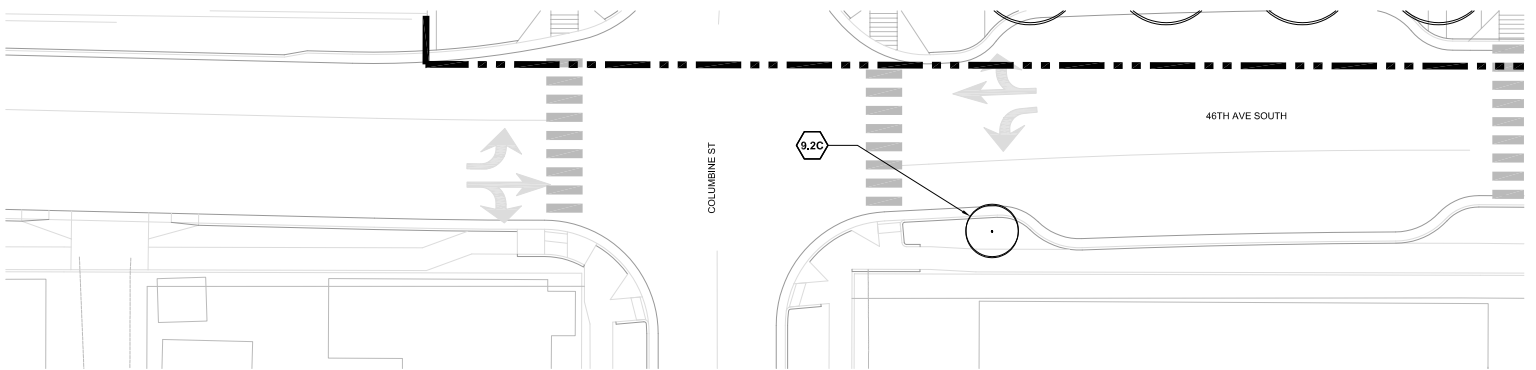
3 I-70 COVER - ALONG 46TH AVE SOUTH
1"=16'-0"



2 I-70 COVER - ALONG 46TH AVE SOUTH
1"=16'-0"



1 I-70 COVER - ALONG 46TH AVE SOUTH
1"=16'-0"



Print Date:	Sheet Revisions			Colorado Department of Transportation		As Constructed		LID PARK PLANTING PLAN		Project No./Code			
File Name:	Date:	Comments	Init.	2000 South Holly Street Denver, CO 80222 Phone: 303-757-9295 FAX: 303-757-9963 Region 1		No Revisions: Revised: Void:		Designer: D. DUCLOS Detailer: J. BOCKEY Sheet Subset: LID PARK		Structure Numbers Subset Sheets: of Sheet Number L4.07		7749-000	
Scale:													



DRAFT DEWATERING DESIGN

Draft Remediation Activities Management Plan - Construction Period

Central 70 Project
Interstate 70
Denver, Denver County, Colorado

May 22, 2017
Terracon Project No. 2517XXXX

DRAFT

Prepared for:
5280 Connectors
Broomfield, Colorado

Prepared by:
Terracon Consultants, Inc.
Wheat Ridge, Colorado



May 22, 2017



5280 Connectors
10901 W. 120th Ave #420
Broomfield, Colorado 80021

Attn: Mr. Justin DuMond
P: (970) 529-6338
E: justin.dumond@skanska.com

Re: Draft Remediation Activities Management Plan
Construction Period
Central 70 Project
Interstate 70
Denver, Denver County, Colorado
Terracon Project No. 2517XXXX

Dear Mr. DuMond:

Terracon Consultants, Inc. (Terracon) has prepared the enclosed Draft Remediation Activities Management Plan (RAMP) in general compliance with the Colorado Discharge Permit System (CDPS) General Permit COG315000. The plan presents a description of groundwater remediation activities proposed to occur at the above referenced site and associated materials handling and spill prevention practices. Due to the nature of this project, the site conditions, associated descriptions, treatment approach, etc., discussed below are subject to change.

Terracon appreciates this opportunity to provide environmental consulting services to the 5280 Connectors. Should you have any questions or require additional information, please do not hesitate to contact our office.

Sincerely,
Terracon Consultants, Inc.

DRAFT

Andrew K. Safulko, E.I.T.
Staff Environmental Engineer

DRAFT

Mark E. White, P.G.
Senior Associate
Environmental Department Manager

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EXHIBITS

EXHIBIT 1: COLORADO DISCHARGE PERMIT SYSTEM GENERAL PERMIT COG315000
REMEDATION ACTIVITIES DISCHARGEING TO SURFACE WATERS (COVER
PAGE ONLY)

DRAFT REMEDIATION ACTIVITIES MANAGEMENT PLAN
Central 70 Project- Construction Period
Interstate 70
Denver, Colorado

May 22, 2017

1.0 SITE DESCRIPTION

The site is located between Vine Street to the west and York Street to the east, along Interstate 70 in Denver, Colorado. The site consists of a section of proposed Interstate 70 improvements where the elevation of the finished roadway will be below the estimated regional water table elevation. The described area is approximately 4.3 acres in size and will be dewatered in two stages. The site is currently occupied by an elevated section of Interstate 70.

2.0 PURPOSE AND OBJECTIVES

The Remediation Activities Management Plan (RAMP) has been generated on behalf of 5280 Connectors (prospective permittee) as part of general compliance with the Colorado Discharge Permit System (CDPS) General Permit COG315000 (Permit) – Remediation Activities Discharging to Surface Water.

3.0 PROJECT AND CONTACT INFORMATION

5280 Connectors, the project general contractor, has engaged a specialized treatment equipment provider to install and operate the construction dewatering treatment system. They will be responsible for the daily operations of the construction dewatering treatment system including; system optimization, disposal and management of generated residuals or waste related to the construction dewatering treatment system, and managing system performance to meet effluent limitations. 5280 Connectors has engaged Terracon Consultants (Terracon) to assist in maintaining compliance with the Permit. Terracon's responsibilities include preparing the RAMP, conducting weekly sampling and facilitating the accompanied reporting of influent and effluent data to the CDPHE-WQCD. The dewatering system is expected to be operated for less than 24 months. Contact information for the project team members is listed in the following table.



Name / Company	Operational Role	Phone Number
TBD	Legal Contact/DMR Contact	TBD
TBD	Billing Contact	TBD
TBD	Plan Administrator / General Superintendent	TBD
TBD	Facility Contact	TBD
TBD	Operator in Responsible Charge (ORC)	TBD
TBD	Operations Supervisor	TBD
TBD	Discharge Permit Compliance	TBD

4.0 PERMIT REQUIREMENTS

The site dewatering and treatment system is anticipated to operate under CDPS Remediation Activities to Discharge to Surface Water General Permit Number: COG315000. A Permit Certification has not been issued at this time, because a formal Permit application has not been submitted. The Permit was executed by the State of Colorado on May 20, 2014, expired on September 30, 2016, and was administratively continued on October 1, 2016. The Permit Certification will regulate discharges from defined outfalls with a maximum flow rates in gallons per minute (gpm) assigned to each. At this time the receiving waters have been identified as the South Platte River (Segment 15) by way of the Denver Municipal Separate Storm Sewer System (MS4) permit. The Permit stipulates that it is the responsibility of the permittee to ensure the effluent discharged to these outfalls meets various water quality parameters. The details of the effluent discharge requirements can be reviewed once the Permit Certification has been issued.

The permit also requires weekly sampling and monthly reporting of the chemical and constituent properties of the effluent water. The data is reported on a Discharge Monitoring Report (DMR) to the Colorado Department of Public Health and Environment (CDPHE) by the 28th day of the following month to be compliant. Additionally, the permit requires a quarterly influent sample be collected and reported for constituents outlined in the Permit (Part III, page 41) appended as Exhibit 1.

5.0 POLLUTANT CONTROL PRACTICES

The proposed construction dewatering system, which will be installed and operated by treatment personnel, consists of a network of infiltration piping that will collect groundwater and direct it to a low point sump where it will be pumped for delivery to the treatment system. The treatment



system will operate 24 hours a day and will not exceed effluent flows of an estimated 250 gpm in any single outfall.

The proposed treatment system begins with influent entering a series of 21,000 gallon tanks operating in parallel, utilized for primary influent settling and flow equalization throughout the system. Following the primary settling and equalization tanks, the treatment water will enter a bag filtration unit outfitted with 50 micron filter bags to target suspended solids remaining after primary settling. Filter bags will be replaced when the pressure differential across the unit exceeds 15 pounds per square inch (psi). Pressure gauges on the exterior of the filter bag housings display the pressure drop and will be checked regularly by treatment personnel.

Following flow equalization and mechanical filtration the treatment water enters an electro-coagulation unit, designed to precipitate suspended solids and dissolved metals through colloidal destabilization in the presence of sacrificial electrodes. The electro-coagulation unit will also evolve hydrogen gas as part of operation that will also augment VOC and SVOC removal efforts.

Following the electrocoagulation unit, the treatment water will enter an open top 21,000 gallon tank outfitted with an aeration unit. Air to the aeration unit will be supplied by an adjacent oilless air compressor. The aeration tank is designed to target volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) present in the treatment water.

Following the aeration unit, the treatment water will be dosed with coagulant and anionic polymer intended to increase particle settling rates. Additionally, sodium hydroxide will be added to increase dissolved metals removal kinetics.

Treatment water then enters two open top clarifier tanks, operating in parallel. Sludge generated as a result of particle settling will be piped to an adjoining gravity sludge thickener. Accumulated sludge will be characterized, evacuated, and disposed of offsite by a third party contractor on an as needed basis.

Following the open top clarifiers, the treatment water will be pressurized by a an electric pump and forced through a series of bag filter housing, operating in a lead-lag configuration equipped with 10 micron and 1 micron bag filters, respectively. The filter bag units are used to capture suspended solids, generally of a smaller diameter, that were not attenuated in the clarifiers. Filter bags will be replaced when the pressure differential across the unit exceeds 15 psi. Pressure gauges on the exterior of the filter bag housings display the pressure drop across the unit and will be checked regularly by treatment personnel.

Following the secondary mechanical filtration, the treatment water will enter a granular activated carbon adsorption system designed to polish remaining VOC and SVOC concentrations. Regular pressure readings from the exterior pressure gauge will be taken to monitor the remaining useful life of the carbon adsorption system. As the pressure differential across the carbon adsorption



system approaches 75 psi, the unit will be replaced. In the event breakthrough of contaminants of concern is discovered through regular sampling, the carbon adsorption unit will be replaced. The spent carbon will be disposed of offsite by a third party contractor.

Following the carbon polishing, the treatment water will be pumped through a two-pass reverse osmosis (RO) membrane system. The RO membrane system is anticipated to operate near 85% efficiency, generating approximately 40 gpm of reject brine. The brine will be characterized for proper disposal. The RO membrane system is designed to target any inorganic nitrate present in the treatment water in addition to remaining concentrations of dissolved metals.

During construction, treated water will be discharged to the South Platte River Segment 15 via the permanent Denver MS4 tie-in.

6.0 SYSTEM MONITORING

During the treatment system startup phase, sampling frequency will be elevated while the system is optimized. Once the system has stabilized, effluent sampling will be performed by Terracon in accordance with the Permit (weekly) at active outfalls, barring a system upset or regulatory exceedance which may result in additional sampling/monitoring. Samples will be submitted to a NELAP certified laboratory on a 5 day turnaround time for analysis of the parameters specified in the Permit Certification. The weekly sampling data will be summarized and submitted to the CDPHE-WQCD on a monthly DMR form no later than the 28th day of the following month.

On a quarterly basis, an influent screening water sample will be collected per the list of parameters outlined in the Permit (Part III, page 41) appended as Exhibit 4. The influent screening data will be summarized in a DMR and submitted no later than the 28th day of the month following the end of a monitoring quarter.

7.0 MATERIALS HANDLING AND SPILL PREVENTION

At this time, pumps and other associated equipment utilized to operate the treatment system are electric and contain negligible amounts of oil and grease. Polymer, sodium hydroxide, and hydrogen peroxide will be stored within appropriately sized secondary containments.

Exact quantities and concentrations of proposed chemicals associated with the treatment system requiring onsite storage are not known at this time.

Additionally, equipment and chemical storage areas will be routinely inspected by Treatment personnel as part of daily operations and identified failing or compromised equipment or containment will be replaced.



8.0 LIMITATIONS

8.1 Standard of Care

Terracon's services were performed in a manner consistent with generally accepted practices of the profession undertaken in similar studies in the same geographical area during the same time period. Please note that Terracon does not warrant the work of laboratories, regulatory agencies or other third parties supplying information used in the preparation of the report. These services were performed in accordance with the scope of work agreed to by 5280 Connectors.

8.2 Reliance

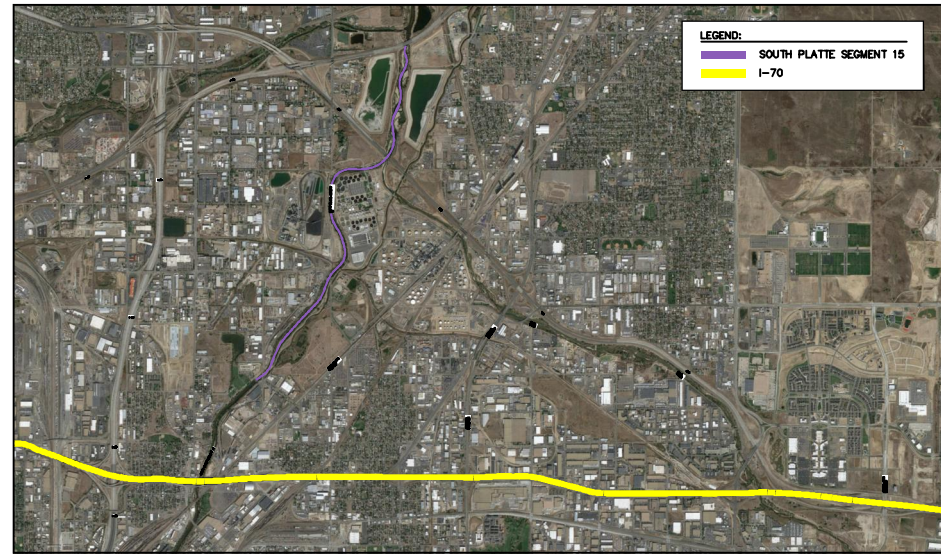
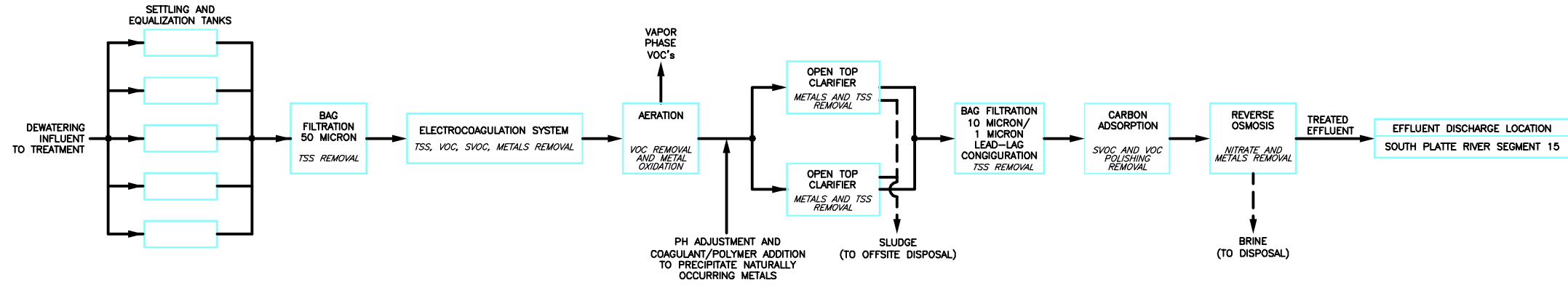
This report has been prepared for the exclusive use of 5280 Connectors. Any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the property) is prohibited without the express written authorization of 5280 Connectors and Terracon. Any unauthorized distribution or reuse is at the client's sole risk.

DRAFT

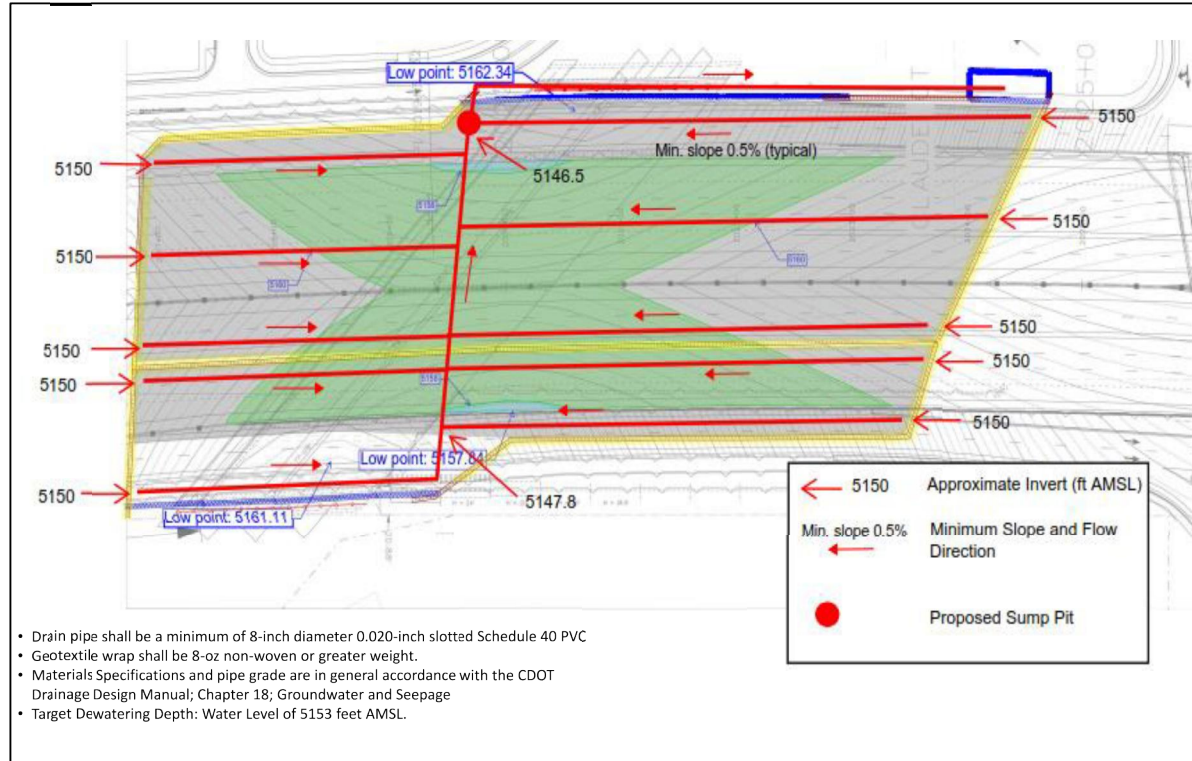
EXHIBIT 1
COLORADO DISCHARGE PERMIT SYSTEM GENERAL
PERMIT COG315000 REMEDIATION ACTIVITIES
DISCHARGING TO SURFACE WATERS
(COVER PAGE ONLY)

DRAFT

CONSTRUCTION PERIOD GROUNDWATER TREATMENT PROCESS



GROUNDWATER COLLECTION SYSTEM



STREAM DISCHARGE STANDARDS				
Parameter	South Platte River Segment 15			
	Inorganic (mg/L)	30 day	7 day	Daily Max
Ammonia	TVS**	-	-	TVS**
Boron	0.75	-	-	-
Chloride	250	-	-	-
Chlorine	0.011	-	0.019	-
Cyanide	-	-	-	0.005
Nitrate	-	-	-	10
Nitrite	1.0	-	-	-
Phosphorus	-	-	-	-
Sulfate	HS*	-	-	-
Sulfide	0.002	-	-	-
Metals (µg/L)	30 day	7 day	Daily Max	
Arsenic (Total Recoverable)	10	NA	NA	
Arsenic (Potentially Dissolved)	-	-	340	
Cadmium (Potentially Dissolved)	[0.72]	NA	[5.01]	
Cadmium (Total Recoverable)	-	-	5.0 (T)	
Chromium (Total Recoverable)	NA	NA	50	
Chromium VI (Dissolved)	-	-	50 (T)	
Chromium III (Total Recoverable)	NA	NA	50	
Chromium III (Potentially Dissolved)	[130.75]	-	-	
Copper (Potentially Dissolved)	[16.2]	NA	[25.8]	
Copper (Total Recoverable)	23.5*	-	35.1*	
Iron (Total Recoverable)	1000	NA	NA	
Iron (Dissolved)	300	NA	NA	
Lead (Potentially Dissolved)	[5.31]	NA	[136.14]	
Lead (Total Recoverable)	-	-	50 (T)	
Manganese (Dissolved)	400	NA	NA	
Manganese (Potentially Dissolved)	[2078.2]	NA	[3761.1]	
Mercury (Total)	0.01 (t)	-	-	
Molybdenum	150 (T)	-	-	
Nickel (Total Recoverable)	[93.43]	-	[841.66]	
Nickel (Potentially Dissolved)	100 (T)	-	-	
Selenium (Potentially Dissolved)	4.6	NA	18.4	
Silver (Potentially Dissolved)	[0.06]	NA	[6.66]	
Zinc (Potentially Dissolved)	[227.62]	NA	[300.53]	

NOTES:
 1. Segment 15: Mainstream of the South Platte River from the Burlington Ditch diversion in Denver, Colorado, to a point immediately below the confluence with Big Dry Creek.
 2. TVS: Table Value Standard, used to indicate that for a particular parameter a "table value standard" has been adopted. This designation refers to numerical criteria set forth in the Basic Standards and Methodologies for Surface Water. TVS values are generally a function of pH and hardness. Refer to Regulation 38 Section 6.3 for more information. Values in [brackets] indicate a calculated TVS value with an assumed hardness of 200 mg/L.
 3. WS: Water Supply, for all surface water with an actual water supply use the less restrictive of the following two options shall apply as numerical standards, as specified in the Basic Standards and Methodologies at 31.116(i) existing quality as of January 1, 2000: or (i) Iron = 300 µg/L (dissolved) Manganese = 50 µg/L (dissolved) SO4 = 250 mg/L. For all surface waters with a "water supply" classification that are not in actual use as a water supply, no water supply standards are applied for iron, manganese or sulfate, unless the Commission determines as the result of a site-specific risk assessment that such standards are appropriate.
 4. Site specific formula: Function of pH.
 5. All metals are dissolved unless otherwise noted. Total Recoverable (T), total (t).
 (T): indicates total recoverable metals sample preparation technique.
 6. Value applies downstream of Metro Hite Waste Water Treatment Facility outfall.

Design	Detail		Quantities	
	INITIAL	DATE	INITIAL	DATE
Designed By			Quantities By	
Checked By			Checked By	

Print Date: 05.25.17

File Name: _____

Scale: NTS

Staff Bridge Branch – Unit 0226 Unit Leader DDG

5280 Connectors Linking I-70 Communities

Sheet Revisions			Colorado Department of Transportation	As Constructed	I-70 REMEDIAL ACTION MANGEMENT PLAN TEMPORARY CONDITION	Project No./Code
Date:	Comments	Init.				
			2000 South Holly Street Denver, CO 80222 Phone: 303-757-9295 FAX: 303-757-9963 Region 1	No Revisions:	Designer: Detailer: Sheet Subset:	Structure Numbers Subset Sheets: 1 of 1
			JKE	Void:		Sheet Number TGW- 01

Draft Remediation Activities Management Plan - Operating Period

**Central 70 Project
Interstate 70
Denver, Denver County, Colorado**

May 25, 2017
CDOT Project No. FBR 0704-234

Prepared for:
5280 Connectors
Broomfield, Colorado

Prepared by:
HDR, Inc.
Denver, Colorado

Draft Remediation Activities Management Plan- Operating Period

Central 70 ■ Denver, Colorado

May 25, 2017 ■ CDOT Project No. FBR 0704-234

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8.0 LIMITATIONS	8
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EXHIBITS

EXHIBIT 1: SITE DIAGRAM (SEE SHEET # PSC-01)

EXHIBIT 2: PROCESS FLOW DIAGRAM (SEE SHEET # GWD-01)

EXHIBIT 3: COLORADO DISCHARGE PERMIT SYSTEM GENERAL PERMIT COG315000
REMEDIAL ACTIVITIES DISCHARGING TO SURFACE WATERS (COVER
PAGE ONLY)

DRAFT REMEDIATION ACTIVITIES MANAGEMNT PLAN
Central 70 Project- Operating Period
Interstate 70
Denver, Colorado

Project No. PROJECT NO. FBR 0704-234
May 25, 2017

1.0 SITE DESCRIPTION

The site is located between Brighton Blvd to the west and Colorado Blvd. to the east along Interstate 70 in Denver, Colorado. The site consists of a section of proposed Interstate 70 improvements where the elevation of the finished roadway will be below the estimated regional water table elevation. The described area encompasses 2.9 acres in size that will impact the groundwater area. The project will mitigate groundwater infiltration using cut-off walls, soil-cement subgrade layer and a geomembrane barrier. Groundwater seepage through the mitigation system shall be collected and treated for discharge to surface water. The site is currently occupied by the existing Interstate 70 and vacant acquired parcel area to the north.

2.0 PURPOSE AND OBJECTIVES

The Remediation Activities Management Plan (RAMP) has been generated on behalf of 5280 Connectors (prospective permittee) as part of general compliance with the Colorado Discharge Permit System (CDPS) General Permit COG315000 (Permit) – Remediation Activities Discharging to Surface Water.

3.0 PROJECT AND CONTACT INFORMATION

5280 Connectors will design, install and operate the permanent dewatering Groundwater Treatment Facility (GWTF). The Operation and Maintenance Contractor will be responsible for the daily operations of the treatment system including system optimization, disposal and management of solid and/or liquid treatment residuals or other treatment wastes related to the seepage dewatering treatment system, and managing system performance to meet water quality (WQ) effluent limits. 5280 Connectors has engaged HDR to assist with developing a groundwater treatment process to comply with typical CDPS Permit requirements. HDR's responsibilities include evaluating and selecting water treatment unit processes for treating the groundwater accumulated through the roadway seepage collection system and potential solid and liquid treatment residual wastes to be managed and preparing the RAMP. The O&M Contractor will perform sampling and facilitating the accompanied reporting of influent and effluent data to the CDPHE-WQCD. The dewatering system is expected to be operated for the 30 year operational

Draft Remediation Activities Management Plan- Operating Period

Central 70 ■ Denver, Colorado

May 25, 2017 ■ CDOT Project No. FBR 0704-234

period until the hand-back period to the Colorado Department of Transportation. Contact information for the project team members is listed in the following table.

Name / Company	Operational Role	Phone Number
NAME	Legal Contact/DMR Contact	PHONE NO.
NAME	Billing Contact	PHONE NO.
NAME	Plan Administrator / General Superintendent	PHONE NO.
NAME	Facility Contact	PHONE NO.
NAME	Operator in Responsible Charge (ORC)	PHONE NO.
NAME	Operations Supervisor	PHONE NO.
NAME	Discharge Permit Compliance	PHONE NO.

4.0 PERMIT REQUIREMENTS

The site dewatering and treatment system is proposed to operate under CDPS General Permit Number COG315000 for discharging treated effluent to surface water. A Permit has not been executed by the State of Colorado, because a formal Permit application has not been submitted. The General Permit was executed by the State of Colorado on May 20, 2014, expired on September 30, 2016, and was administratively continued on October 1, 2016. The Permit Certification regulates discharges from defined outfalls with a maximum flow rates in gallons per minute (gpm) assigned to each. At this time the receiving waters have been identified as the South Platte River (Segment 15) by way of the City and County of Denver (CCD) Municipal Separate Storm Sewer System (MS4) permit (Permit No. xxxxx). The Permit stipulates that it is the responsibility of the permittee to ensure the effluent discharged to these outfalls meets various water quality parameter limits. The details of the effluent discharge requirements can be reviewed once the Permit Certification has been issued.

The permit also requires sampling and monthly reporting of the chemical and constituent properties of the effluent water. The data is reported on a Discharge Monitoring Report (DMR) to the Colorado Department of Public Health and Environment (CDPHE) by the 28th day of the following month to be compliant. Additionally, the permit requires a quarterly influent sample be collected and reported for constituents outlined in the Permit (Part III, page 41) appended as Exhibit 1.

Draft Remediation Activities Management Plan- Operating Period

Central 70 ■ Denver, Colorado

May 25, 2017 ■ CDOT Project No. FBR 0704-234

5.0 POLLUTANT CONTROL PRACTICES

The proposed Operating Period Treatment System will be installed by 5280 Connectors Design-Build Contractor and consist of a seepage collection system that will collect groundwater and direct it to a groundwater collection sump co-located with the project's stormwater pump station, from where it will be pumped to the GWTF. The system will operate continuously with residual storage capacity in the groundwater collection sump for short off-line periods, at flow rates estimated to not exceed 20 gpm capacity.

Table 1 outlines the proposed primary treatment goals for the groundwater treatment system. The goals were developed by comparing Contaminants Of Concern (COC) that have been generally characterized as being present within the groundwater at concentrations greater than the applicable surface WQ standards. Other COCs may be present in the groundwater at concentrations lower than typical WQ standards, with consideration given to these parameters in developing the recommended treatment processes for managing concentrations to meet Permit limits. The standards shown in the table below include CDPHE's basic standards for surface water discharge as well as those standards specific to surface water discharge in Segment 15, which is the mainstem of the South Platte River from the Burlington Ditch diversion in Denver to a point immediately below the confluence with Big Dry Creek

Table 1 – Proposed WQ Treatment Goals

Analytical Suite	Analyte	Unit	COC Influent Concentration	Regulation 38 Surface Water Discharge Segment 15		Regulation 31 Basic Standards for Organic Chemicals	
				Acute	Chronic	Water Supply	
						1-day	30-day
Dissolved Metals	Iron	mg/L	8.4	-	0.3	-	-
	Manganese	mg/L	2.5	1.881	0.4	-	-
Potentially Dissolved	Cadmium	ug/L	1.6	0.8	0.15	-	-
	Chromium (VI)	mg/L	0.061	0.016	0.011	-	-
	Chromium (III)	mg/L	0.05	-	0.024	-	-
	Copper	mg/L	0.039	0.0351	0.0235	-	-
	Lead	mg/L	0.018	0.014	0.0005	-	-
	Manganese	mg/L	2.755	1.881	1.04	-	-
	Selenium	ug/L	7.7	18.4	4.6	-	-
Total Metals	Aluminum	mg/L	260	-	-	0.512	0.073
	Arsenic	ug/L	64	340	.02 – 3 (A)	-	-
	Barium	mg/L	3.0	-	-	1	0.49
	Beryllium	ug/L	16	-	-	-	4.0
	Cadmium	ug/L	4.2	5	-	5	-
	Chromium	mg/L	0.157	-	-	0.05	-
	Chromium (III)	mg/L	0.120	0.05	0.024	-	-
	Chromium (VI)	mg/L	0.062	0.016	0.011	-	-
	Iron	mg/L	330	-	1	-	-
	Lead	mg/L	0.235	0.05	-	-	-
	Nickel	mg/L	210	-	0.1	-	-
Thallium	ug/L	3.8	-	-	-	0.5	

Draft Remediation Activities Management Plan- Operating Period

Central 70 ■ Denver, Colorado

May 25, 2017 ■ CDOT Project No. FBR 0704-234

	Uranium	ug/L	60	-	-	-	30
Other	Nitrate (as N)	mg/L	50	10	-	-	-
VOCs	1,1-dichloroethene	ug/L	35	-	-	-	7
	1,2-dichloropropane	ug/L	25	-	-	-	0.52
	1,4-Dioxane	ug/L	1.8	-	-	-	0.35
	Benzene	ug/L	50	-	-	-	2.3
	cis-1,2-dichloroethene	ug/L	700	-	-	-	14
	Trichloroethene	ug/L	50	-	-	-	5
	Tetrachloroethene	ug/L	50	-	-	-	5
	trans-1,2-dichloroethene	ug/L	500	-	-	-	100
	Vinyl chloride	ug/L	20	-	-	-	0.023
Semi-VOCs	Benz(a)anthracene	ug/L	2.5	-	-	-	0.0048
	Benzo(a) pyrene	ug/L	2.5	-	-	-	0.0048
	Benzo(b)fluoranthene	ug/L	2.5	-	-	-	0.0048
	Benzo(g,h,i)perylene	ug/L	2.5	-	-	-	0.0038
	Benzo(k)fluoranthene	ug/L	2.5	-	-	-	0.0048
	Chrysene	ug/L	2.5	-	-	-	0.0048
	Dibenz(a,h)anthracene	ug/L	2.5	-	-	-	0.0048
	Indeno(1,2,3-c,d)pyrene	ug/L	2.5	-	-	-	0.0048
	Pentachlorophenol	ug/L	5.5	-	-	-	0.088

(A) A temporary modification for arsenic standards is applied to segments with a chronic arsenic standard of 0.02 ug/L assigned. For new discharges starting after 6/1/2013, the temporary modification is As(chronic) = 0.02 – 3 ug/L, expiring on 12/31/2021.

Based on assessment of over thirty COC estimated to be present in concentrations greater than WQ standards, respective treatment approaches have been developed to treat groundwater collected through the permanent roadway dewatering system. The COC parameters include metals, nutrients, and volatile, semi-volatile and synthetic organic contaminants (VOC and SVOC, and SOC). Because of the anticipated COC parameters present in the groundwater and the required discharge standards, a multi-process treatment train including both chemical and physical processes is proposed to reduce COC concentrations in the treated water discharge.

The following sections outline process alternatives based on the applicable treatment technologies for reducing COC concentrations based on the process outlined in Table 1. The proposed treatment train would consist of the following steps:

- Flow Equalization – required to equalize flow from the dewatering collection system and for blending with the recycled water streams from the treatment process. The groundwater collection sump will generally perform as the equalization step for managing flow through the treatment process.
- Packed Tray Aeration (PTA) – will remove VOCs and assist in removal of redox sensitive metals including iron and manganese as well as assisting in oxidizing arsenic for enhancing removal through the clarification and filtration processes.
- Reaction Tank and Clarifier – pH adjustment and coagulation chemicals will be used to destabilize particulate metals, turbidity, and suspended solids. Electrocoagulation is an alternative process to chemical addition. This process will produce a small solid waste

Draft Remediation Activities Management Plan- Operating Period

Central 70 ■ Denver, Colorado

May 25, 2017 ■ CDOT Project No. FBR 0704-234

stream consisting of concentrated, dewatered solids suitable for landfill disposal. This solid waste must be hauled to an off-site facility for disposal.

- Low pressure ultrafiltration (UF) – UF will provide a physical filtration barrier to remove coagulated metals, turbidity, and suspended solids. Mixed media and greensand filters may be considered as an alternative. This process will produce an intermittent waste stream (approximately 15-20 gallons per day) that will be collected onsite and hauled off-site for disposal.
- Nitrate Ion Exchange (IX) – ion-specific resin will be used to reduce nitrate concentrations. Resin is anticipated to be regenerated off-site.
- Advanced Oxidation Process (AOP) – AOP is the primary process for removing 1-4 dioxane via chemical oxidation. AOP will also provide polishing for the destruction of SOCs. The anticipate AOP is UV/hydrogen peroxide, but UV/chlorine, UV/ozone and perozone (ozone/ hydrogen peroxide) may also be considered.
- Metals IX – Metal-specific resin will be used to reduce remaining soluble metal concentrations. Resin is anticipated to be regenerated off-site.
- Granular Activated Carbon (GAC) – GAC provides an adsorptive surface for the primary removal of SOCs as well as a polishing process for the removal of soluble metals and remaining insoluble material.
- Chemical Stabilization – chemical adjustment to acid/base chemistry (pH adjustment) and carbonate chemistry needed for discharge.

The conceptual treatment system is designed to primarily reduce insoluble and volatile COCs based on the anticipated influent COC concentrations. The IX polishing steps are designed to reduce remaining monovalent or divalent metals and nitrate concentrations. The GAC polishing step will further reduce remaining COC concentrations including non-volatile organics, some metals, etc. The treated water will then be discharged into the South Platte River Segment 15 via the permanent CCD MS4 tie-in at York St.

6.0 SYSTEM MONITORING

During the treatment system startup phase, sampling frequency will be elevated while the system is optimized. Once the system has stabilized, effluent sampling will be performed in accordance with the Permit from the compliance sampling location, barring a system upset or regulatory exceedance which may result in additional sampling/monitoring. Samples will be submitted to a NELAP certified laboratory on a 5 day turnaround time for analysis of the parameters specified in the Permit Certification, appended as Exhibit 3 to this document. The sampling data will be summarized and submitted to the CDPHE-WQCD on a monthly DMR form.

Draft Remediation Activities Management Plan- Operating Period

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On a quarterly basis, an influent screening water sample will be collected per the list of parameters outlined in the Permit (Part III, page 41) appended as Exhibit 4. The influent screening data will be summarized in a DMR and submitted following the end of a monitoring quarter.

7.0 MATERIALS HANDLING AND SPILL PREVENTION

Based on the current level of conceptual design, pumps and other associated equipment required to operate system are electric and contain negligible amounts of oil and grease. An electrical back-up generator will be located onsite to provide emergency power supply, with primary and secondary fuel containment included as a spill prevention measure.

The GWTF will include a chemical storage room to house chemical drums. Metal salt coagulant (e.g. aluminum sulfate), sodium hydroxide, citric acid, sodium hypochlorite, sulfuric acid and peroxide will be stored in drums or other compatible containers with appropriately sized secondary containment.

Exact quantities and concentrations of proposed chemicals associated with the treatment system requiring onsite storage are not known at this time.

Additionally, equipment and chemical storage areas will be routinely inspected by Treatment personnel as part of daily operations and identified failing or compromised equipment or containment will be replaced.

8.0 LIMITATIONS

8.1 Standard of Care

Design Process services were performed in a manner consistent with generally accepted practices of the profession undertaken in similar studies in the same geographical area during the same time period.

8.2 Reliance

This report has been prepared for the exclusive use of 5280 Connectors. Any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the property) is prohibited without the express written authorization of 5280 Connectors. Any unauthorized distribution or reuse is at the party's sole risk.

EXHIBIT 3
COLORADO DISCHARGE PERMIT SYSTEM GENERAL
PERMIT COG315000 REMEDIATION ACTIVITIES
DISCHARGING TO SURFACE WATERS



Colorado Department
of Public Health
and Environment

CDPS GENERAL PERMIT COG315000

REMEDIATION ACTIVITIES DISCHARGING TO SURFACE WATER
AUTHORIZATION TO DISCHARGE UNDER THE
COLORADO DISCHARGE PERMIT SYSTEM

In compliance with the provisions of the Colorado Water Quality Control Act, (25-8-101 et seq., CRS, 1973 as amended) and the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251 et seq.; the "Act"), Remediation Activities are authorized to discharge treated water from authorized locations throughout the State of Colorado to specified surface waters of the State. Such discharges shall be in accordance with the conditions of this general permit.

This permit specifically authorizes the entity(s) listed on page 1 of this document (also known as the permit certification) to discharge process generated wastewaters, as of the effective dates stated on page 1 of the certification, in accordance with the permit requirements and conditions set forth in Parts I and II hereof. All discharges authorized herein shall be consistent with the terms and conditions of this permit.

The applicant may demand an adjudicatory hearing within thirty (30) days of the date of issuance of the final permit determination, per the Colorado Discharge Permit System Regulations, 61.7(1). Should the applicant choose to contest any of the effluent limitations, monitoring requirements or other conditions contained herein, the applicant must comply with Section 24-4-104 CRS and the Colorado Discharge Permit System Regulations. Failure to contest any such effluent limitation, monitoring requirement, or other condition, constitutes consent to the condition by the Applicant.

This permit and the authorization to discharge shall expire at midnight September 30, 2016

Modified and Signed this day 20th day of May, 2014

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT

ADMINISTRATIVELY CONTINUED 10-1-2016

Janet Kieler, Permits Section Manager
WATER QUALITY CONTROL DIVISION

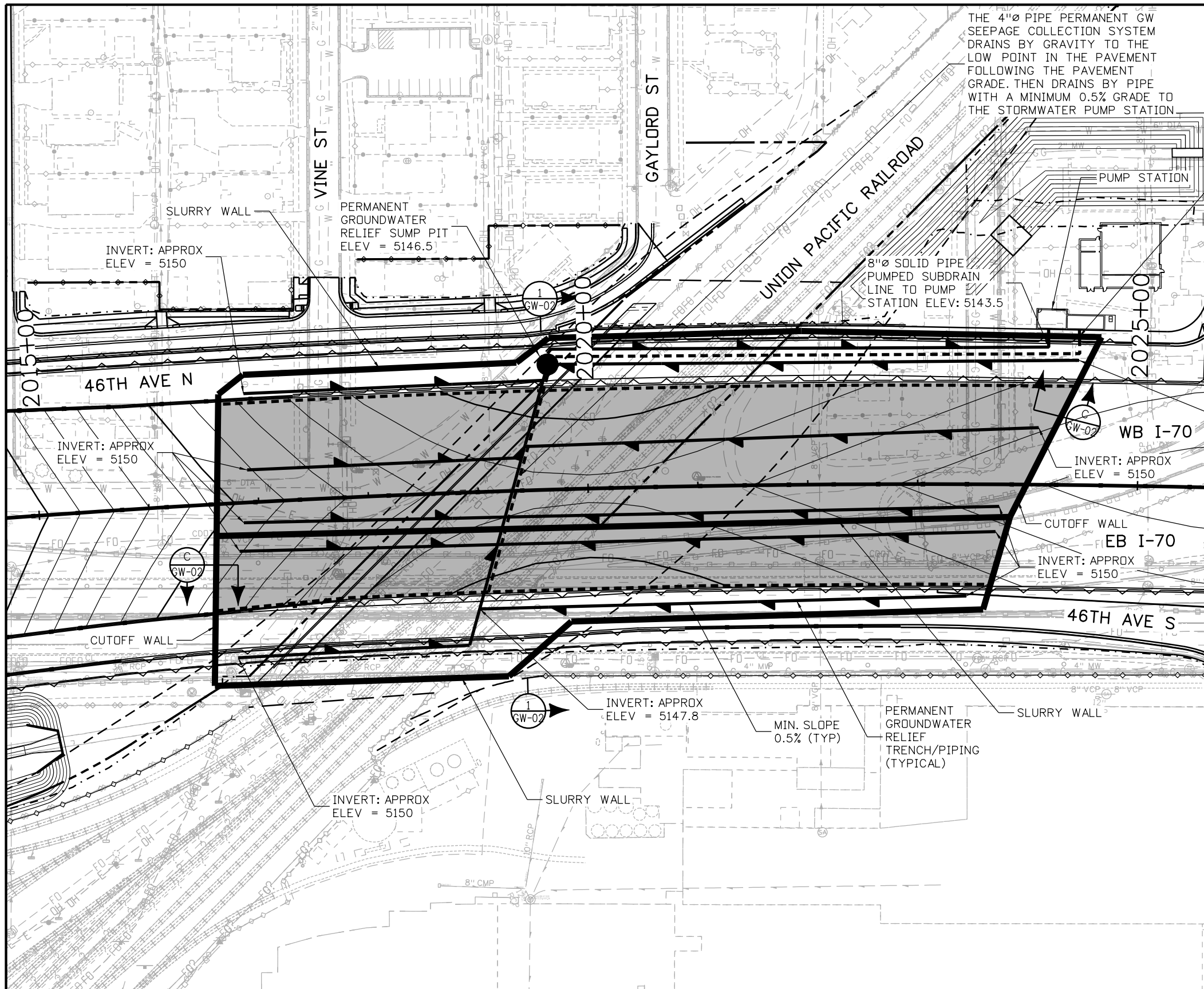
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Minor Modification #2—Issued May 20, 2014, Effective May 20, 2014: Part I.E.1

Minor Modification #1—Issued September 1, 2011, Effective October 1, 2011

Originally Issued and Signed: August 3, 2011, Effective October 1, 2011

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THE 4"Ø PIPE PERMANENT GW SEEPAGE COLLECTION SYSTEM DRAINS BY GRAVITY TO THE LOW POINT IN THE PAVEMENT FOLLOWING THE PAVEMENT GRADE. THEN DRAINS BY PIPE WITH A MINIMUM 0.5% GRADE TO THE STORMWATER PUMP STATION

PENETRATE WELLWALL FOR SEEPAGE STORAGE INV ELEV: APPROX 5154

INVERT: APPROX ELEV = 5150

INVERT: APPROX ELEV = 5150

INVERT: APPROX ELEV = 5150

INVERT: APPROX ELEV = 5147.8

INVERT: APPROX ELEV = 5150

LEGEND:

- PERMANENT GROUNDWATER SEEPAGE COLLECTION SYSTEM, 4"Ø SLOTTED PVC. UNO
- PERMANENT GROUNDWATER RELIEF SYSTEM, 8"Ø SLOTTED PVC. UNO
- GEOMEMBRANE LINER

Print Date: 5/24/2017
 File Name: 19631HYDR_Permanent Sub-Drainage System_SDS-01.dgn
 Scale: 1:100

5280 Connectors
 Linking I-70 Communities

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

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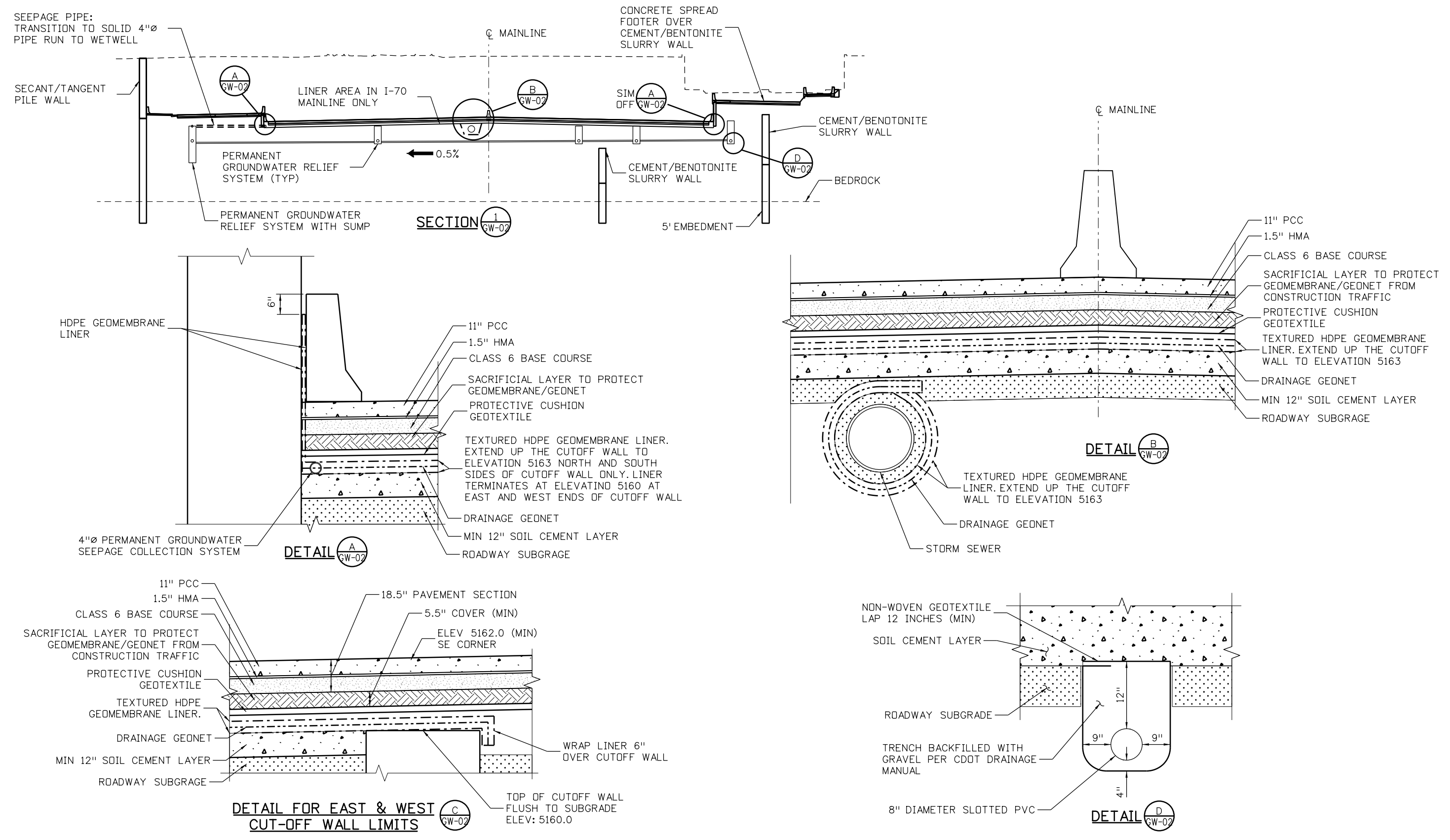
Region 1 JKE

As Constructed
No Revisions:
Revised:
Void:

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Designer: D. HYMAS	Structure Numbers
Detailer: M. SCHWAB	
Sheet Subset: DRAINAGE	Subset Sheets: 1 of 2

Project No./Code
FBR 0704-234
19631
Sheet Number SDS-01

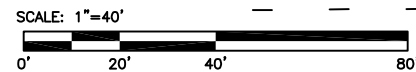
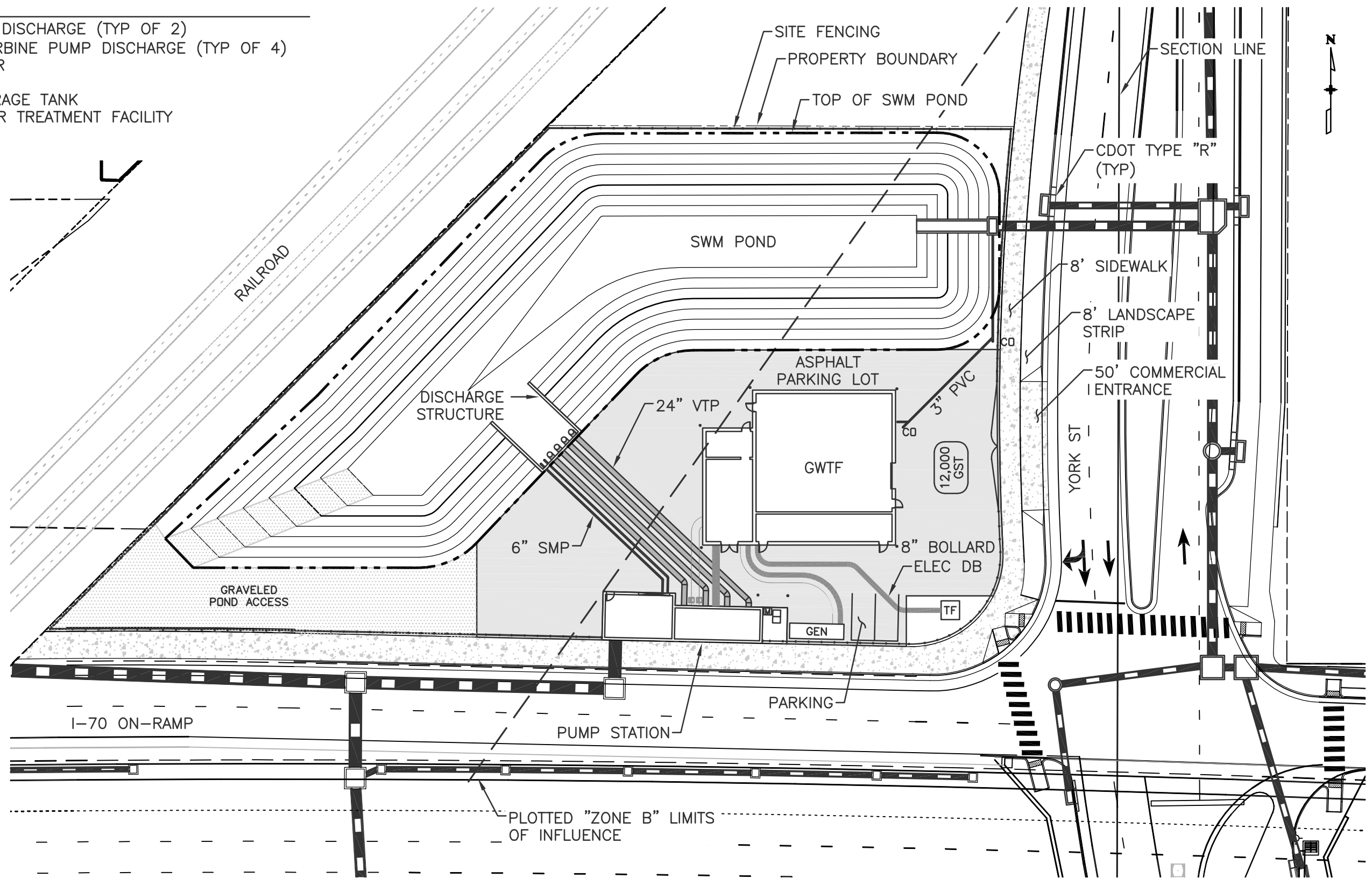
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				JKE	Void:	Sheet Subset: DRAINAGE	Subset Sheets: 2 of 2	Sheet Number SDS-02

ABBREVIATIONS

SMP	SUMP PUMP DISCHARGE (TYP OF 2)
VTP	VERTICAL TURBINE PUMP DISCHARGE (TYP OF 4)
TF	TRANSFORMER
GEN	GENERATOR
GST	GALLON STORAGE TANK
GWTF	GROUNDWATER TREATMENT FACILITY
CO	CLEANOUT
DB	DUCT BANK



Design	INITIAL	DATE	Designed By	Checked By
Detail	INITIAL	DATE	Detailed By	Checked By
Quantities	INITIAL	DATE	Quantities By	Checked By

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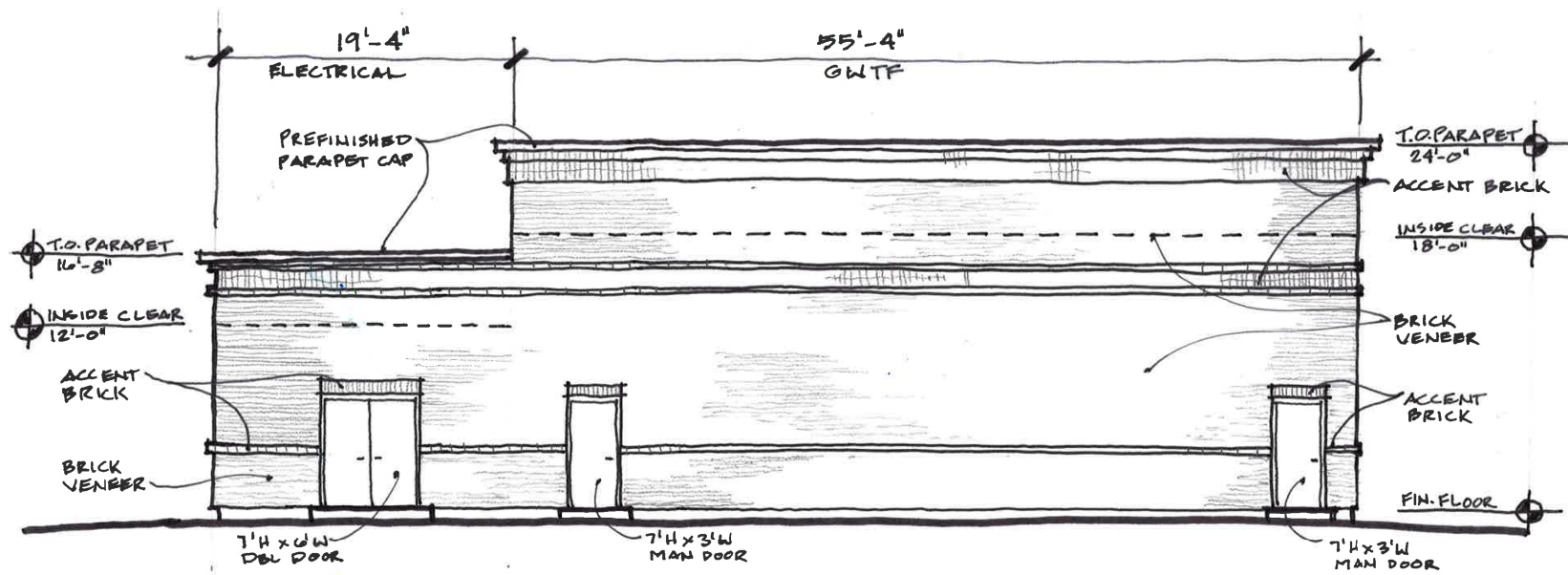
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Designer:	CP Structure Numbers
Detailer:	DC
Sheet Subset:	Subset Sheets:

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SOUTH ELEVATION - GWTF
NTS

Print Date: 5/25/2017

File Name: GWTF_South_Elevation_GWA-01.dgn

Scale: 1:1

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Region 1

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Void:

**GROUNDWATER TREATMENT FACILITY
SOUTH ELEVATION**

Designer: J. SPEAGLE

Detailer: J. SPEAGLE

Sheet Subset: DRAINAGE

Structure
Numbers

Subset Sheets: of

Project No./Code

FBR 0704-234

19631

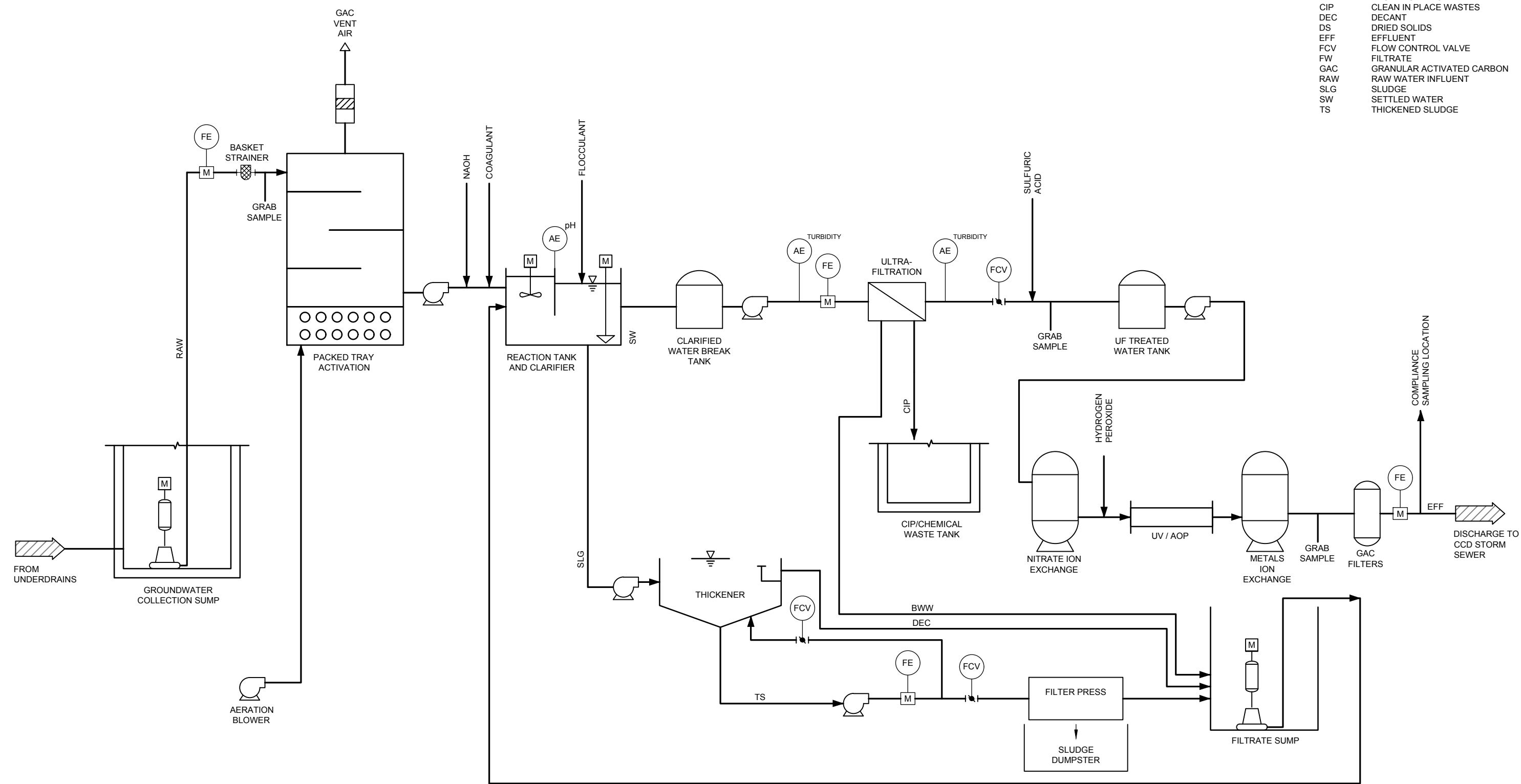
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Linking I-70 Communities

ABBREVIATIONS


BWW	BACKWASH WASTE
CIP	CLEAN IN PLACE WASTES
DEC	DECANT
DS	DRIED SOLIDS
EFF	EFFLUENT
FCV	FLOW CONTROL VALVE
FW	FILTRATE
GAC	GRANULAR ACTIVATED CARBON
RAW	RAW WATER INFLUENT
SLG	SLUDGE
SW	SETTLED WATER
TS	THICKENED SLUDGE



GROUND WATER TREATMENT FACILITY
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Print Date: MAY 2017
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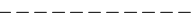
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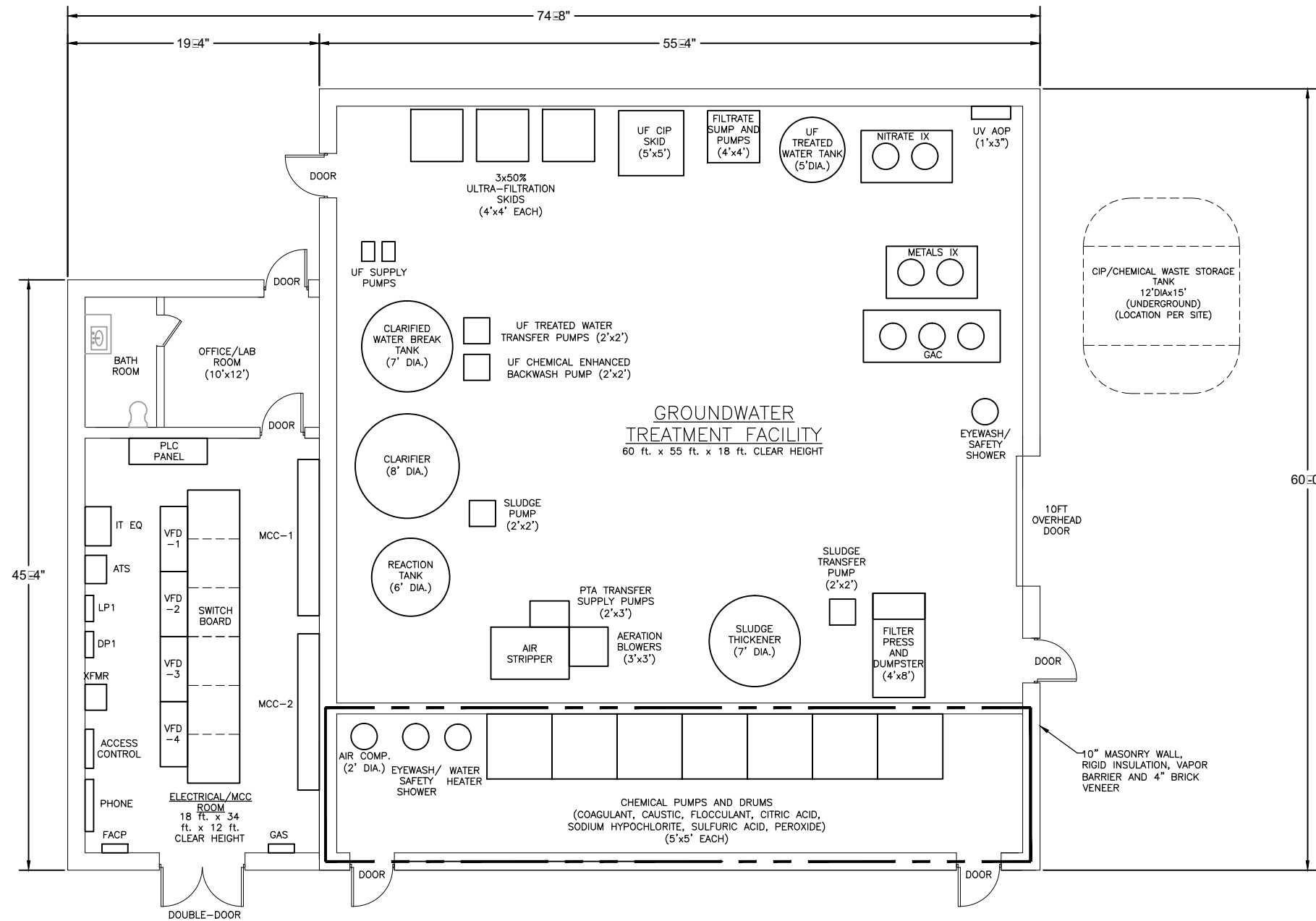
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Project No./Code
 FBR 0704-234
 13599
 Sheet Number GWD-01



LEGEND

-  2 HOUR FIRE SEPARATION WALL
-  UNDERGROUND




GENERAL ARRANGEMENT PLAN
 SCALE: 3/32" = 1'-0"

Print Date: MAY 2017
 File Name: GWD-02.dwg
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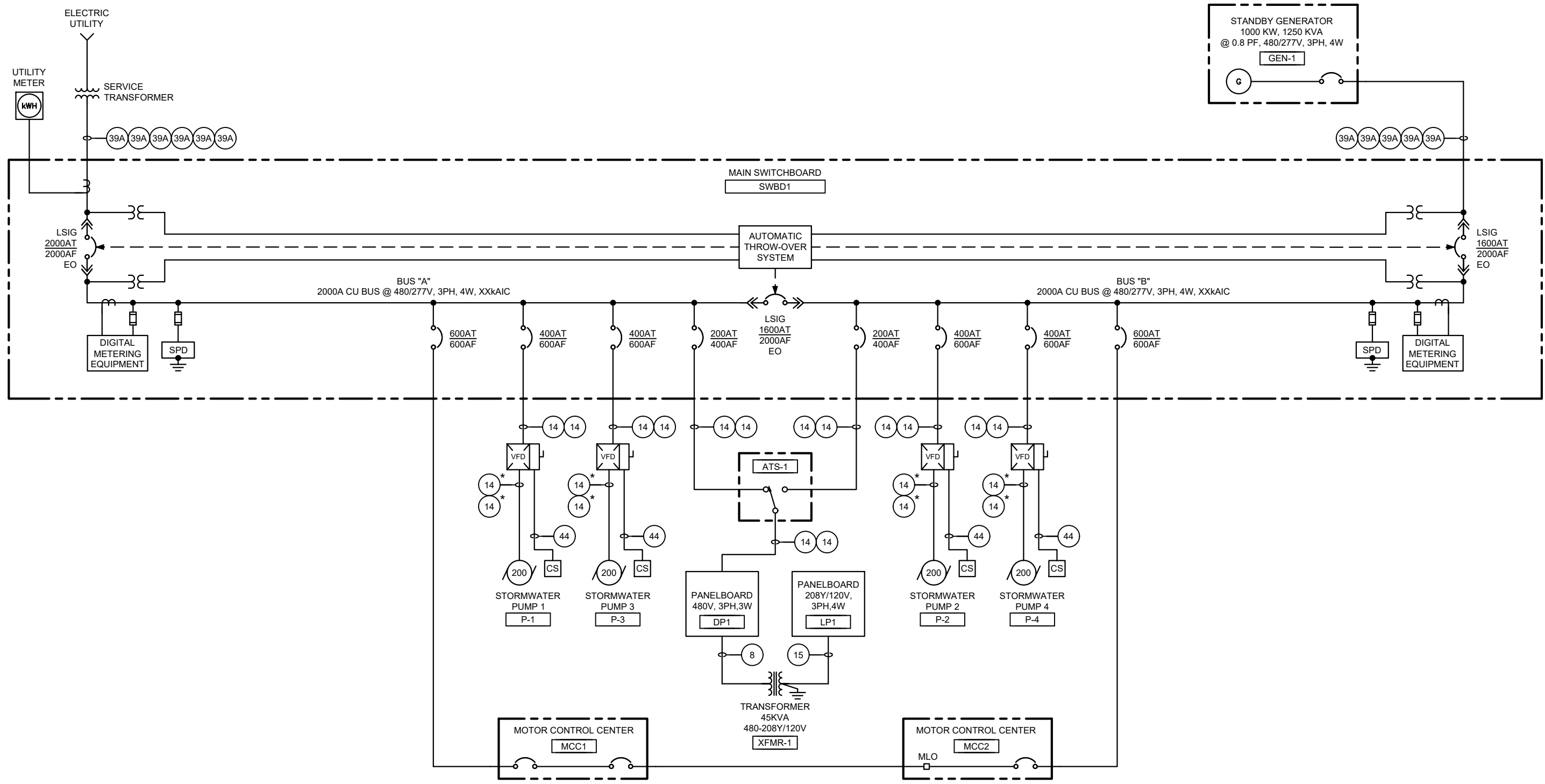
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 PROCESS GENERAL ARRANGEMENT**

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Project No./Code
FBR 0704-234
 13599
 Sheet Number GWD-02



* VFD SHIELDED POWER CABLE



Print Date: 05/23/17
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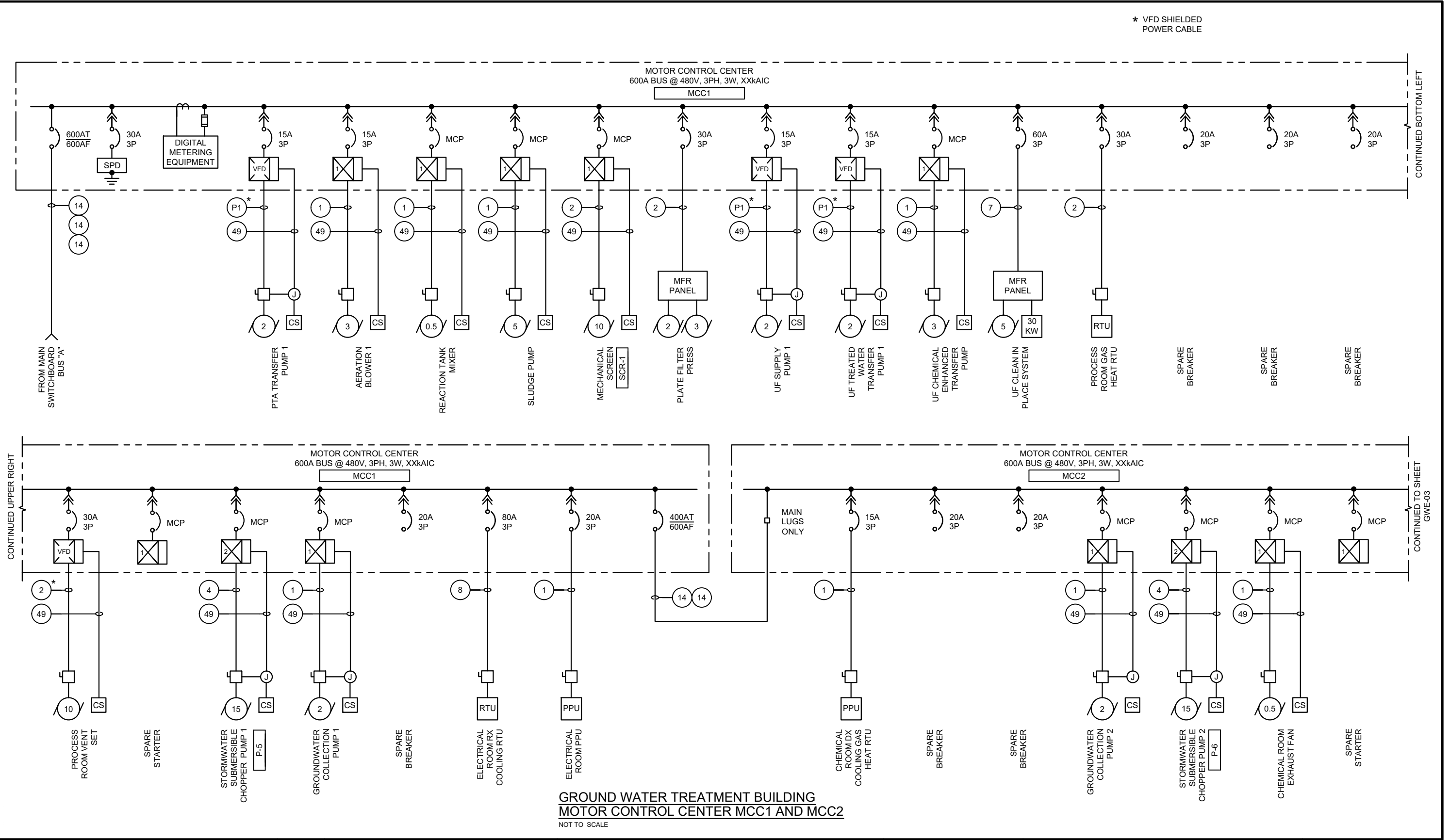
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I-70
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Project No./Code
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 13599
 Sheet Number GWE-01



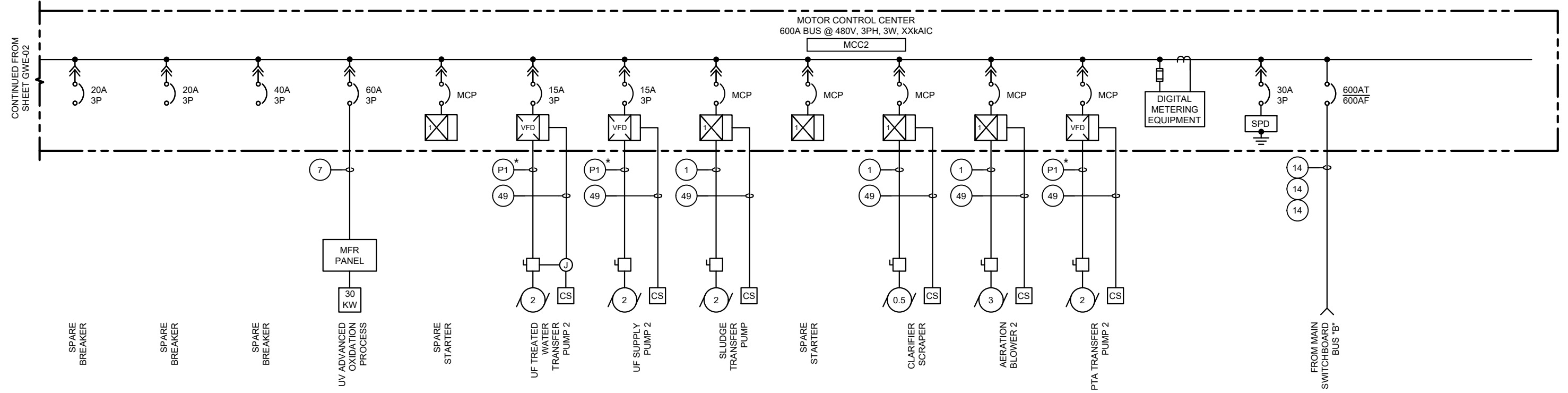
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**GROUND WATER TREATMENT BUILDING
MOTOR CONTROL CENTER MCC1 AND MCC2**
NOT TO SCALE

Print Date: 05/23/17		Sheet Revisions			Colorado Department of Transportation 2000 South Holly Street Denver, CO 80222 Phone: 303-757-9295 FAX: 303-757-9963 Region 1	As Constructed		I-70 GROUNDWATER TREATMENT FACILITY MCC-1 / MCC-2 ONE LINE DIAGRAM	Project No./Code	
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* VFD SHIELDED POWER CABLE



GROUND WATER TREATMENT BUILDING
MOTOR CONTROL CENTER MCC2
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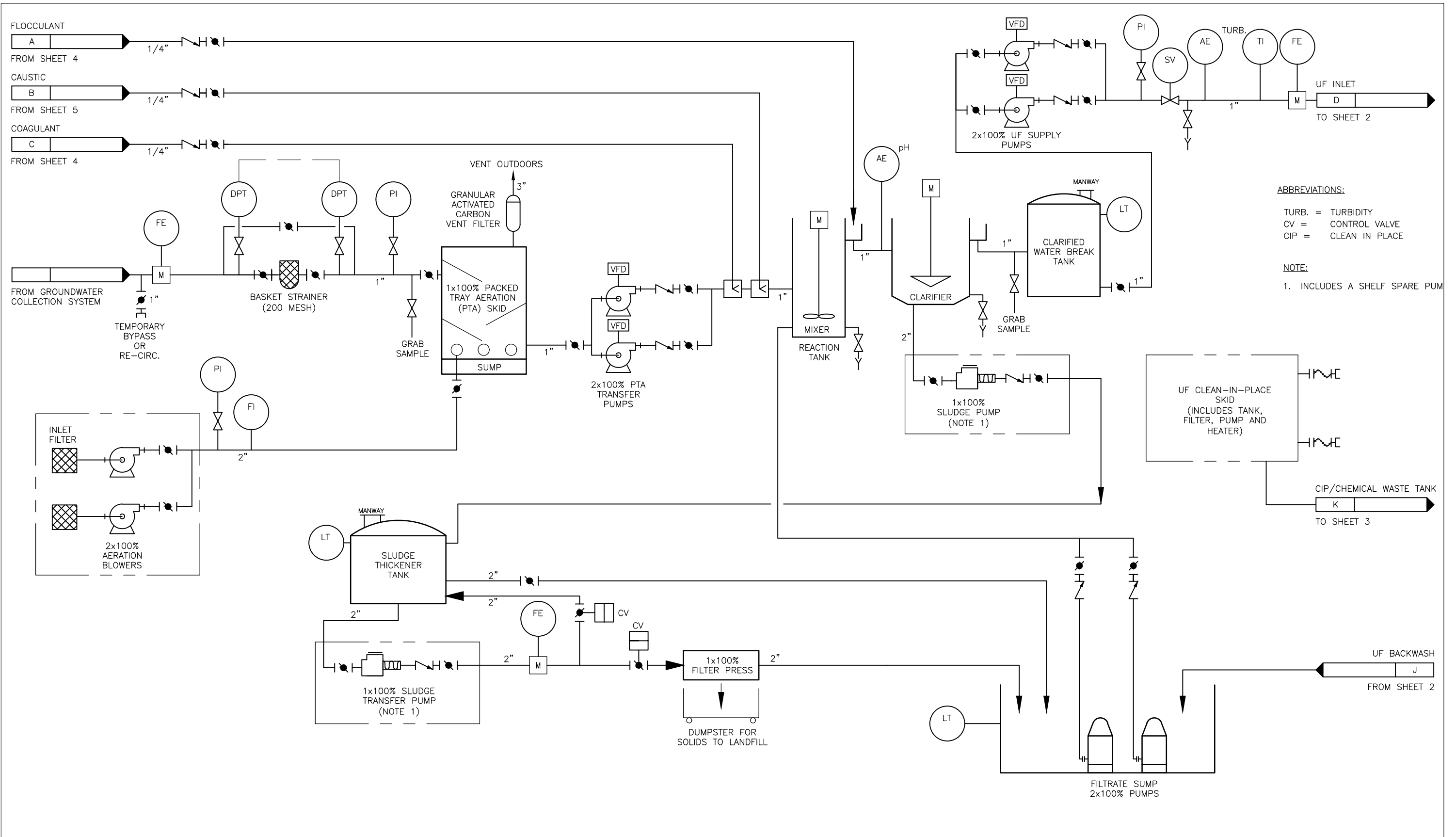
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I-70 GROUNDWATER TREATMENT FACILITY MCC-2 ONE LINE DIAGRAM	
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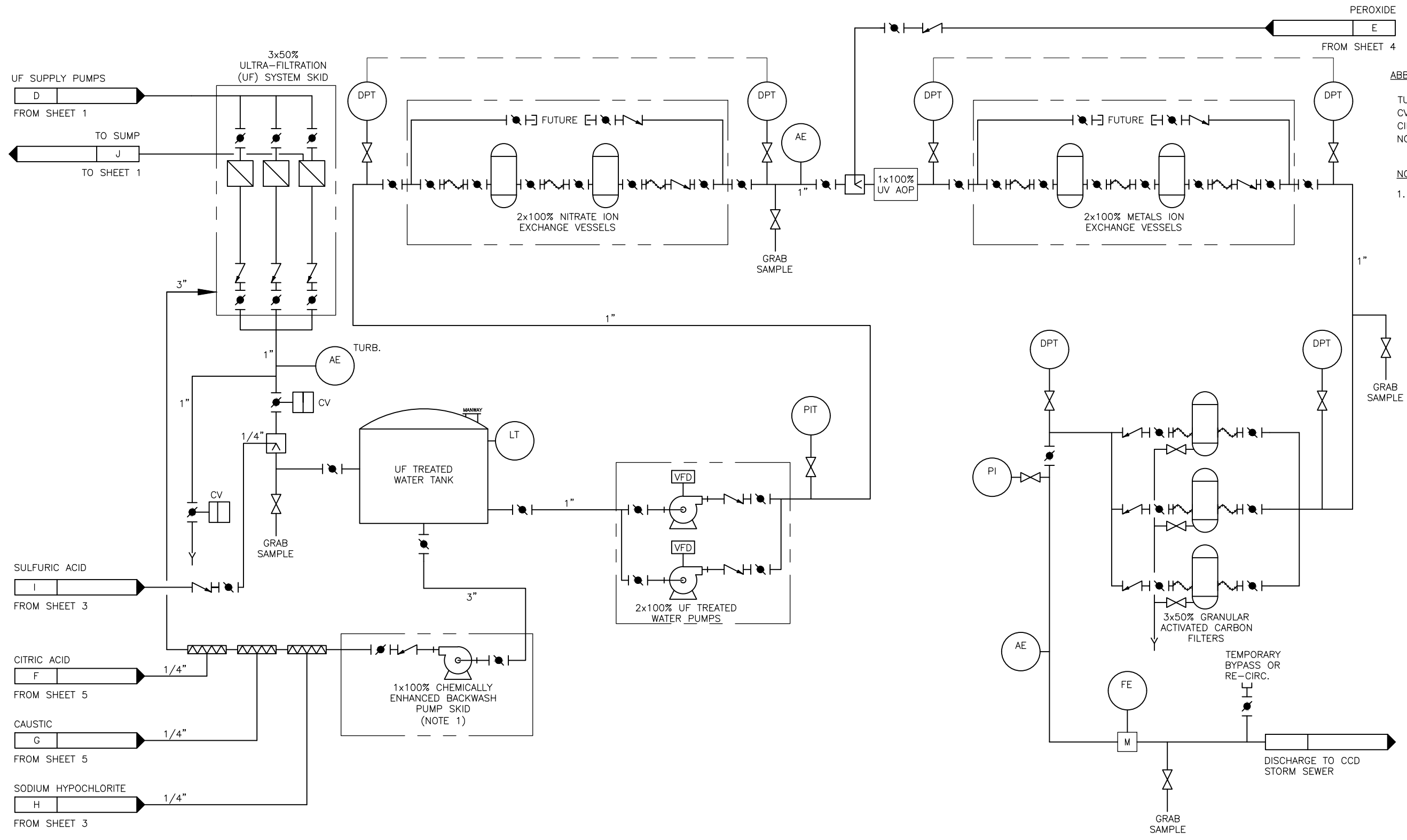




ABBREVIATIONS:
 TURB. = TURBIDITY
 CV = CONTROL VALVE
 CIP = CLEAN IN PLACE

NOTE:
 1. INCLUDES A SHELF SPARE PUM

Print Date: MAY 2017	Sheet Revisions			Colorado Department of Transportation 2000 South Holly Street Denver, CO 80222 Phone: 303-757-9295 FAX: 303-757-9963 Region 1	As Constructed	I-70		Project No./Code
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ABBREVIATIONS:
 TURB. = TURBIDITY
 CV = CONTROL VALVE
 CIP = CLEAN IN PLACE
 NO₃ = NITRATE

NOTE:
 1. INCLUDES A SHELF SPARE PUMP.

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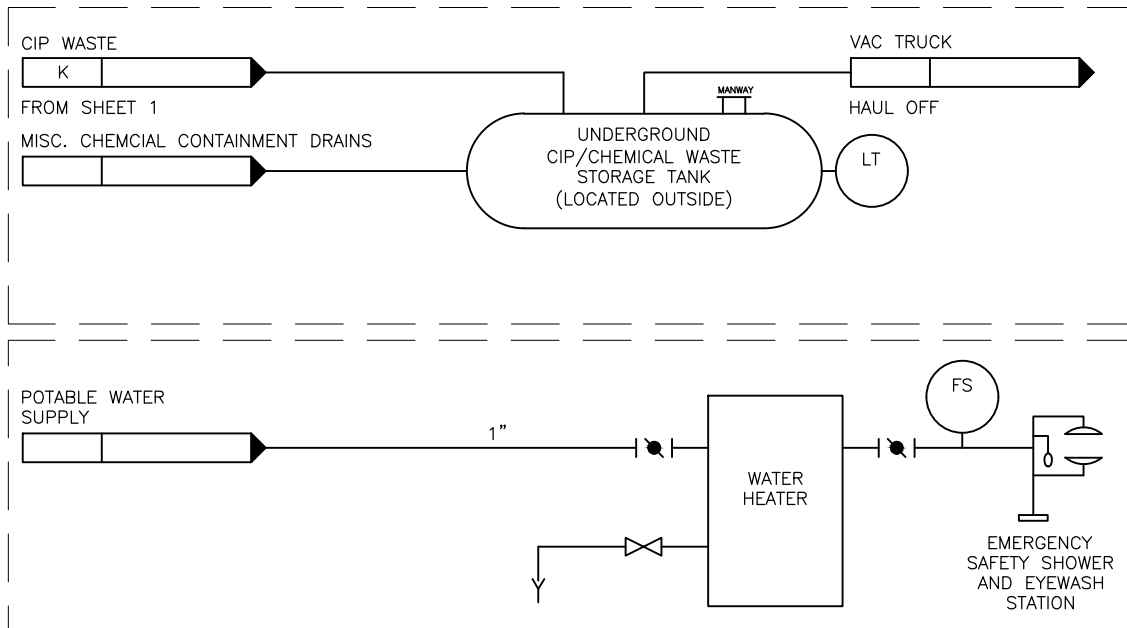
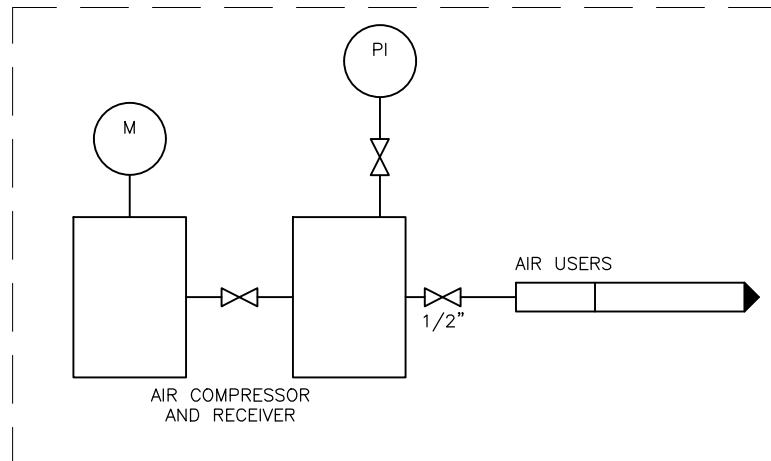
5280 Connectors
 Linking I-70 Communities

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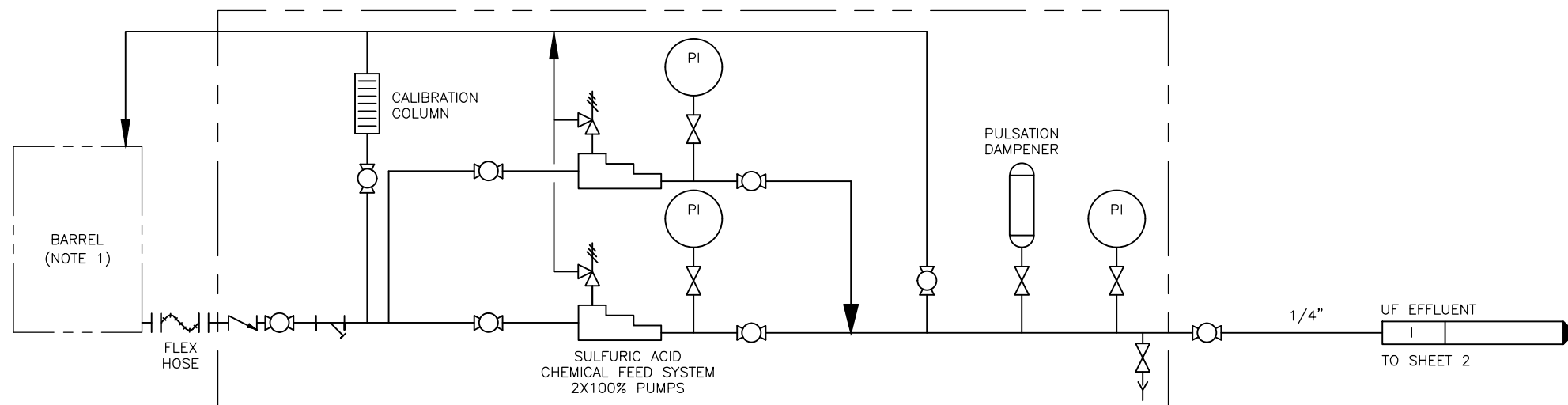
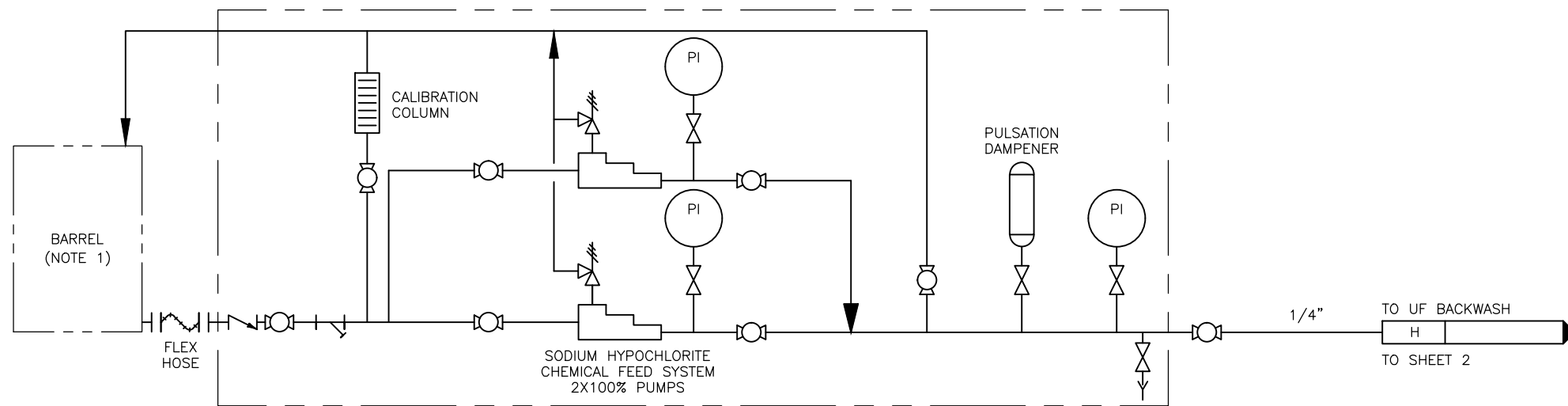
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Project No./Code
 FBR 0704-234
 13599
 Sheet Number GWY-02




NOTES:
 1. BARRELS WILL BE INSTALLED ON TOP OF PLASTIC SECONDARY CONTAINMENT BASINS. ALL CHEMICALS WILL BE LOCATED IN A CONCRETE CURBED SECONDARY CONTAINMENT AREA IN THE BUILDING.



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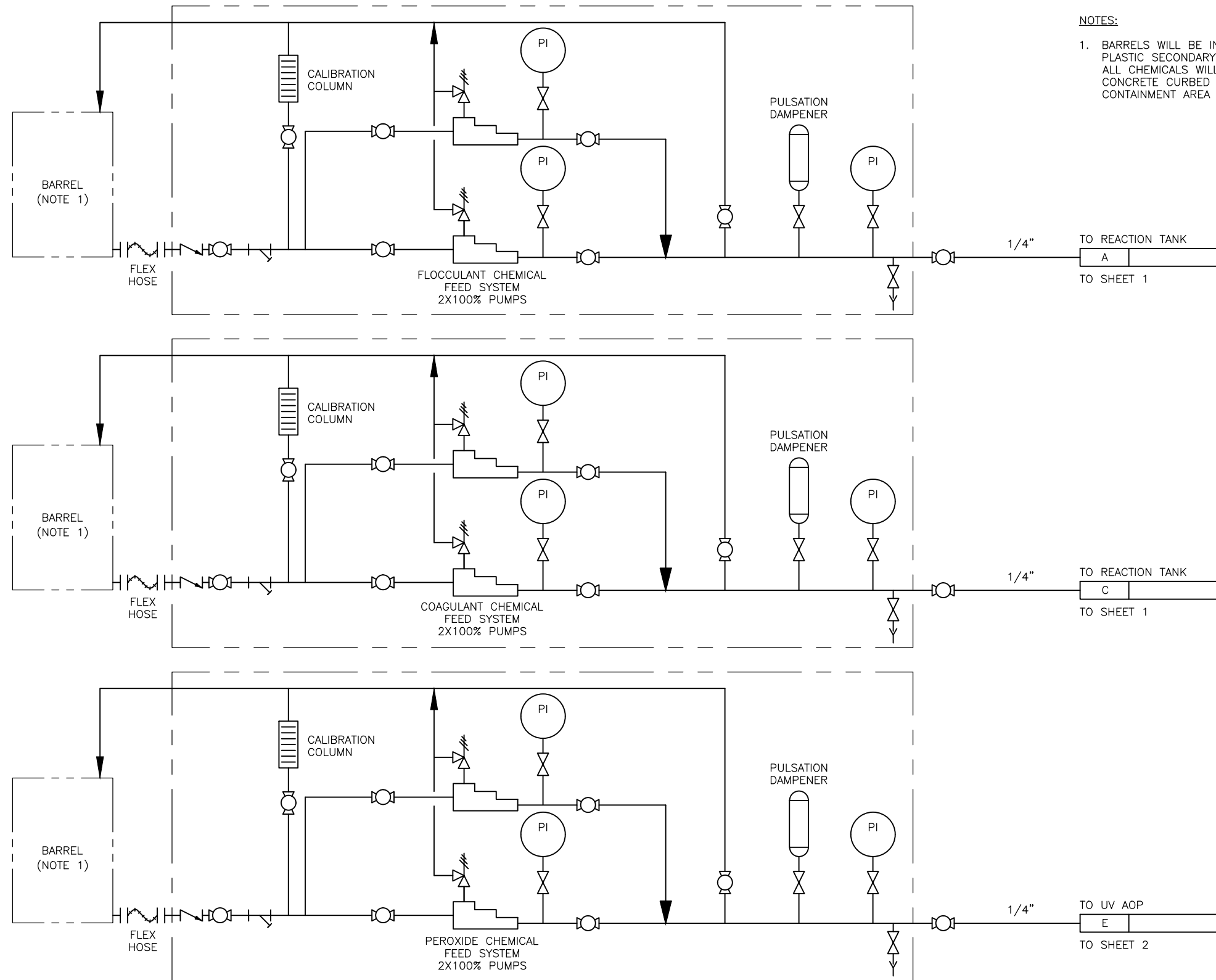
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 Region 1

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I-70
 GROUNDWATER TREATMENT FACILITY
 PROCESS & INSTRUMENTATION DIAGRAM
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Project No./Code
 FBR 0704-234
 13599
 Sheet Number GWY-03





NOTES:
 1. BARRELS WILL BE INSTALLED ON TOP OF PLASTIC SECONDARY CONTAINMENT BASINS. ALL CHEMICALS WILL BE LOCATED IN A CONCRETE CURBED SECONDARY CONTAINMENT AREA IN THE BUILDING.

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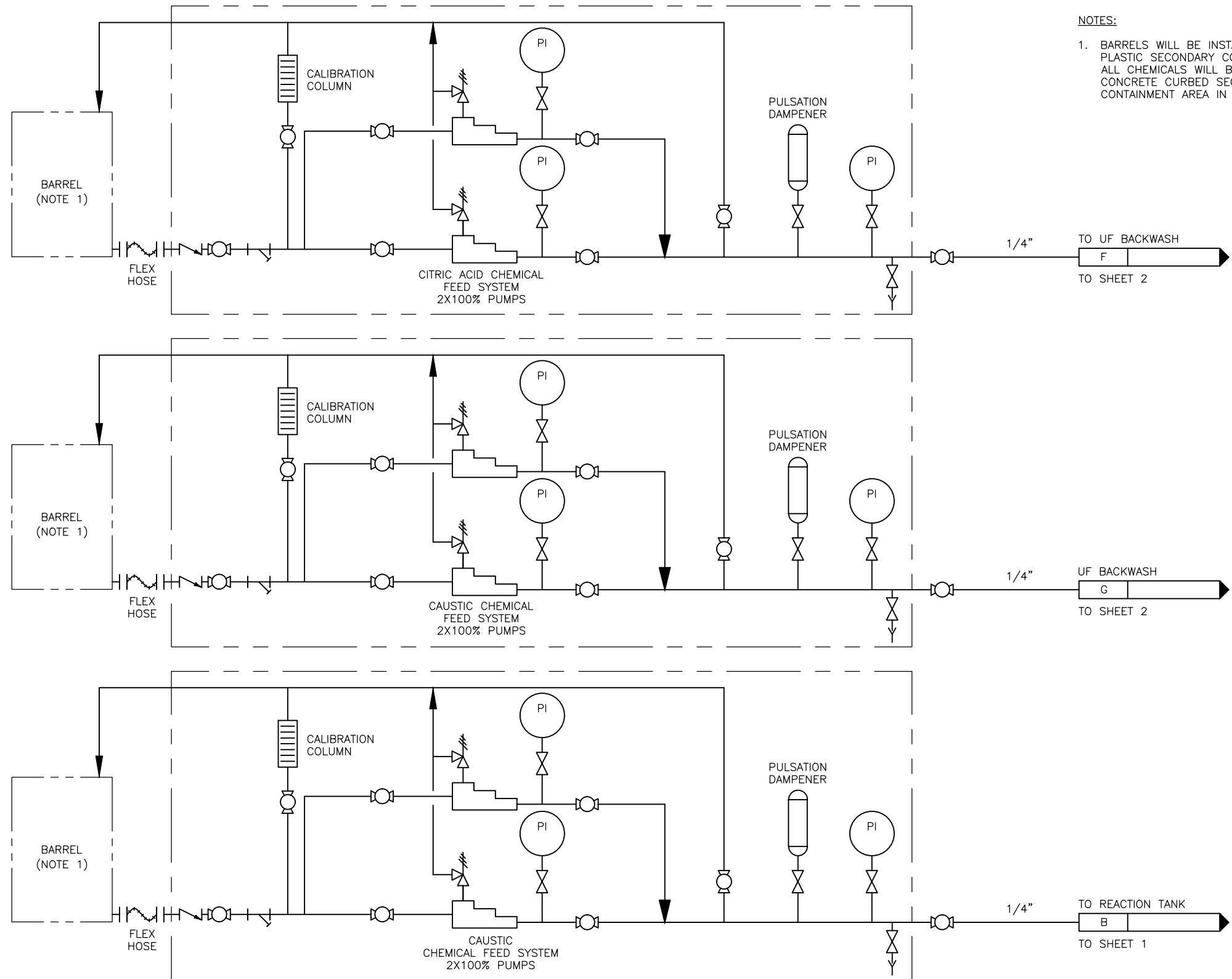
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 GROUNDWATER TREATMENT FACILITY
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Project No./Code
 FBR 0704-234
 13599
 Sheet Number GWY-04






NOTES:
 1. BARRELS WILL BE INSTALLED ON TOP OF PLASTIC SECONDARY CONTAINMENT BASINS. ALL CHEMICALS WILL BE LOCATED IN A CONCRETE CURBED SECONDARY CONTAINMENT AREA IN THE BUILDING.

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 GROUNDWATER TREATMENT FACILITY
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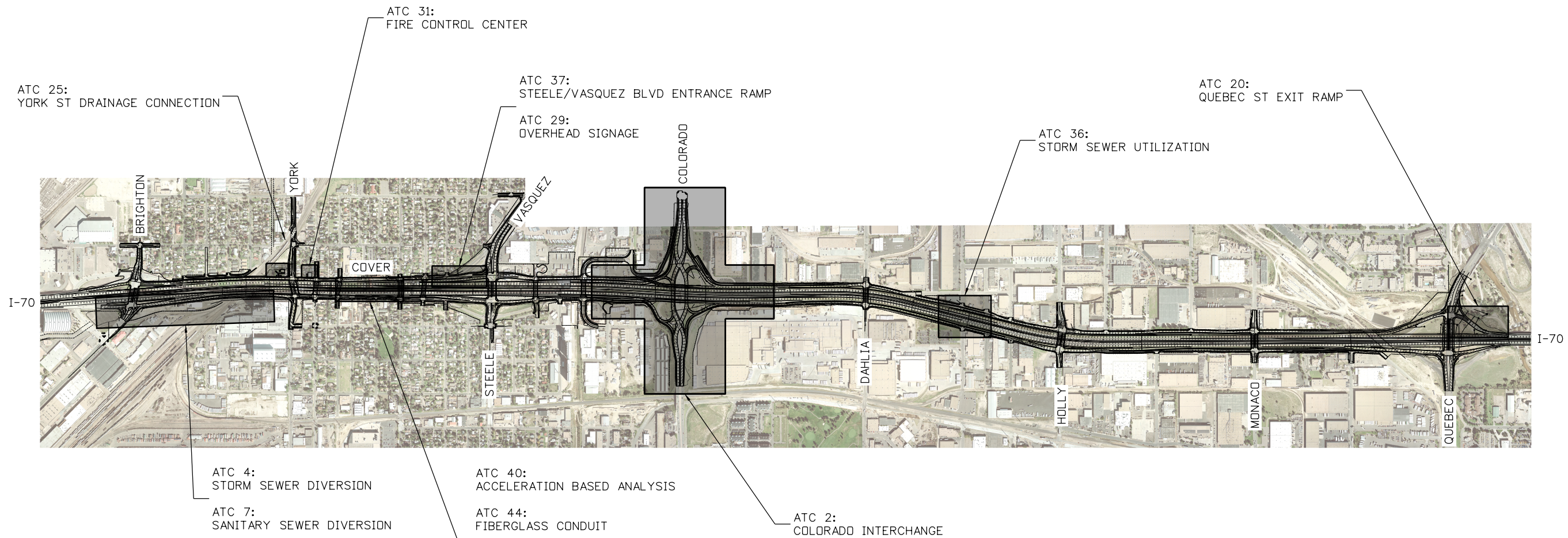
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 Sheet Number GWY-05





ATC MAP

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CORRIDOR WIDE ATC:

- ATC 10: UNSEALED PCCP JOINTS
- ATC 27: INTERMEDIATE DIAPHRAGMS FOR PC GIRDERS
- ATC 30: DMS MEDIAN
- ATC 32: FLORIDA I-BEAM (FIBs) GIRDER
- ATC 42: PRECAST FILL WALL

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 Region 1 JKE

As Constructed
No Revisions:
Revised:
Void:

**I-70
 ATC SITE MAP
 ITP PART F SECTION 2.3.1.e**

Designer: M. BALASH	Structure Numbers
Detailer: M. SCHWAB	
Sheet Subset: ROADWAY	Subset Sheets: of

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1700 Lincoln Street, Suite 300
Denver, CO 80203

www.5280Connectors.com

