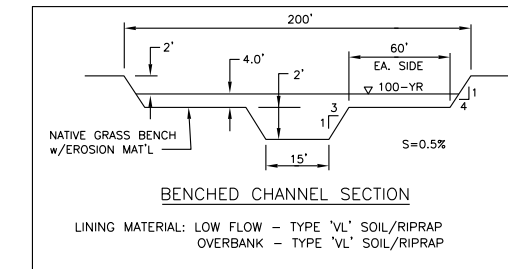
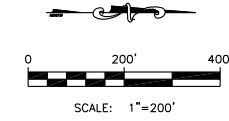
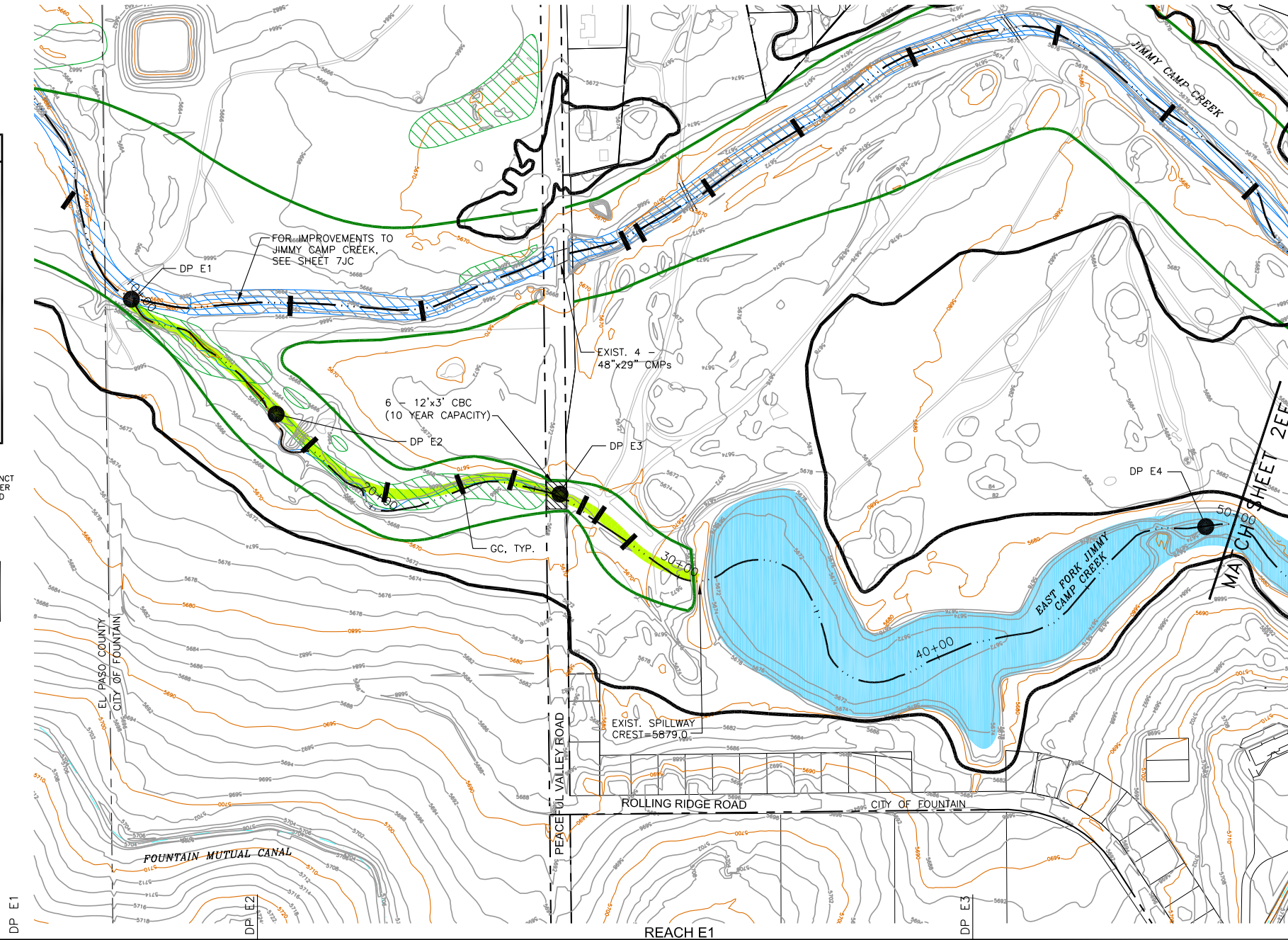


LIMITS OF JURISDICTIONAL WATERS AND WETLANDS ARE INDISTINCT ON THIS TRIBUTARY DUE TO LACK OF AN ORDINARY HIGH WATER MARK IN LOCATIONS. JURISDICTIONAL DETERMINATION WILL NEED TO BE MADE BY THE USACE PRIOR TO CONSTRUCTION.

FLOODPLAIN BOUNDARIES ARE FOR PLANNING INFORMATION ONLY AND ARE NOT INTENDED TO BE USED FOR FLOODPLAIN REGULATION OR MANAGEMENT.

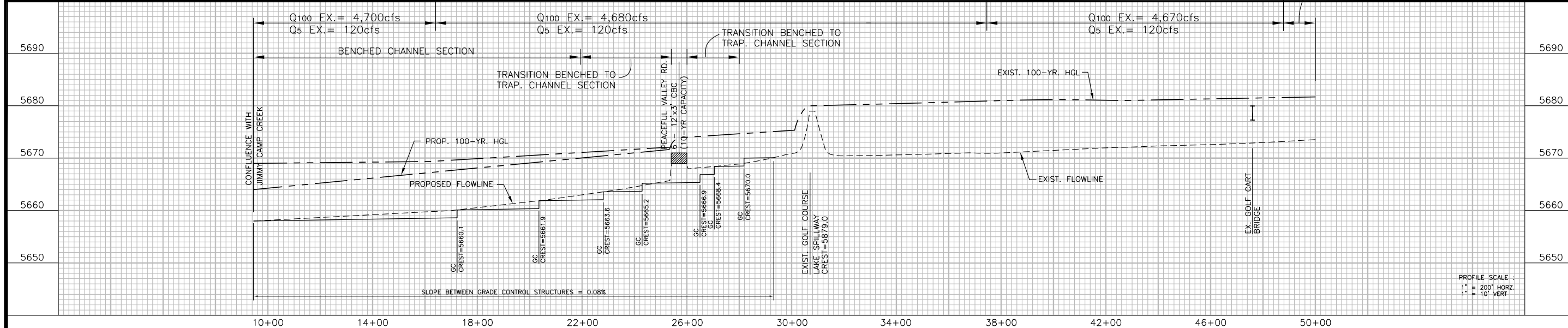
THIS DRAWING IS A PLANNING EXHIBIT REPRESENTING CONCEPTUAL ENGINEERING AND IS SUBJECT TO REFINEMENT. THIS DRAWING SHOULD NOT BE USED FOR CONSTRUCTION PURPOSES.

DISCHARGES UPSTREAM OF DP E1 HAD NO AREA ADJUSTMENT APPLIED



NOTE: TOPOGRAPHIC BASE MAPS USED FOR EAST FORK JIMMY CAMP CREEK VARIES FROM TOPOGRAPHIC BASE MAPPING SHOWN ON SHEET 7JC.

Q100 EX. = 4,600cfs  
Q5 EX. = 120cfs

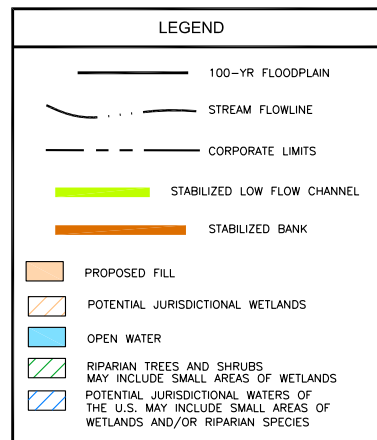


**JIMMY CAMP CREEK DRAINAGE BASIN PLANNING STUDY**  
**EAST FORK JIMMY CAMP CREEK**  
CONCEPTUAL DESIGN PLAN & PROFILE  
CITY OF COLORADO SPRINGS, COLORADO

Project No.: 14008  
Date: OCTOBER 2014  
Design: RNW  
Drawn: JLN  
Check: RNW  
Revisions:

**1EF**

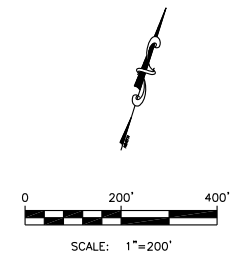
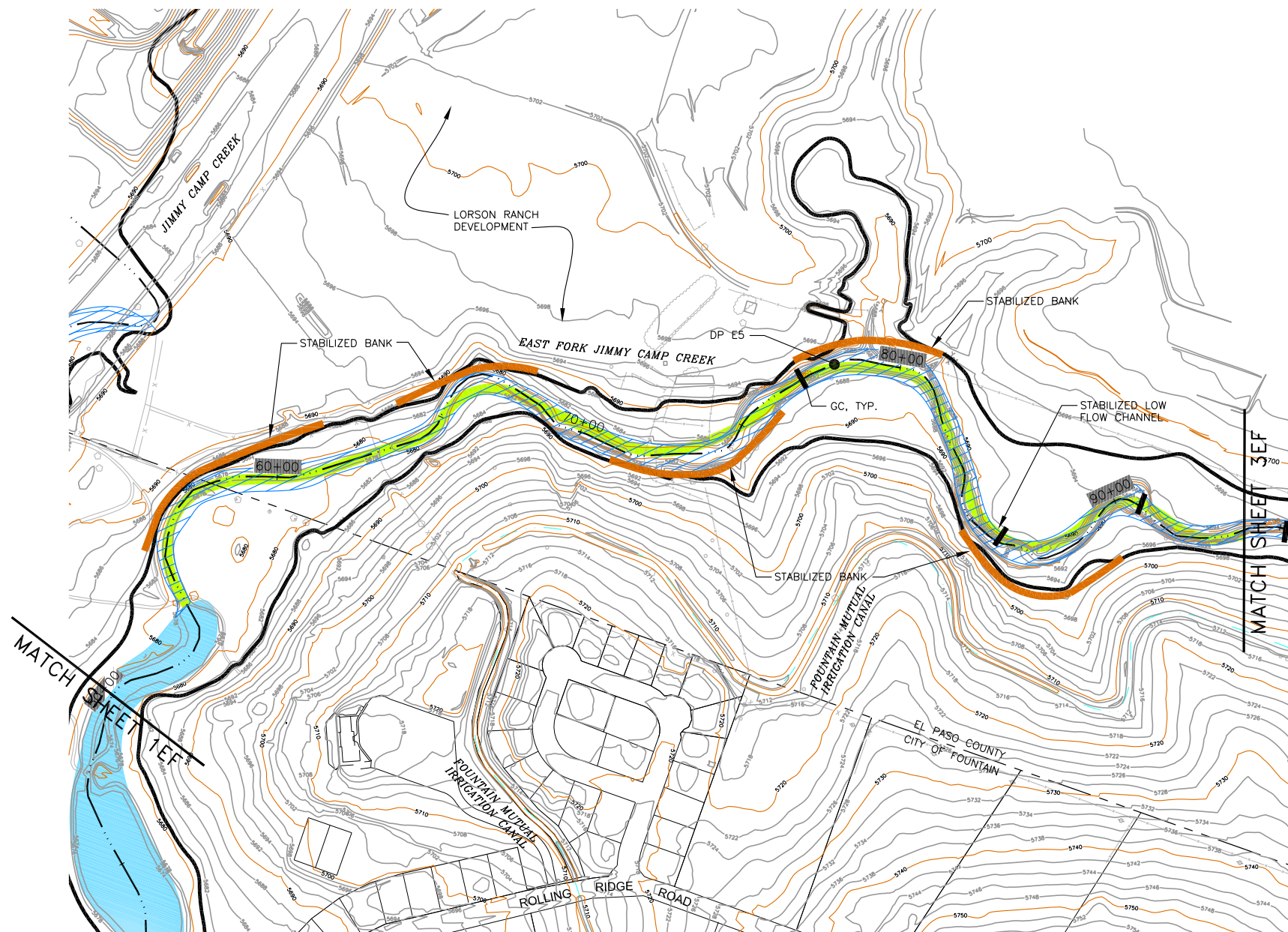
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Engineering Corporation  
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Colorado Springs, Colorado 80904  
(719) 630-7342



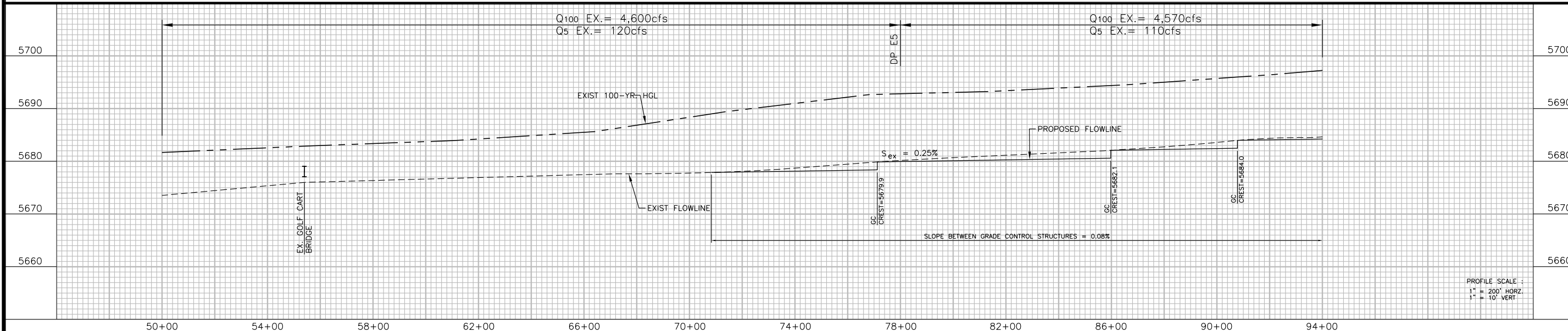
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REACH E1



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 Revisions:

**2EF**

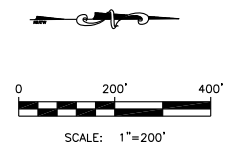
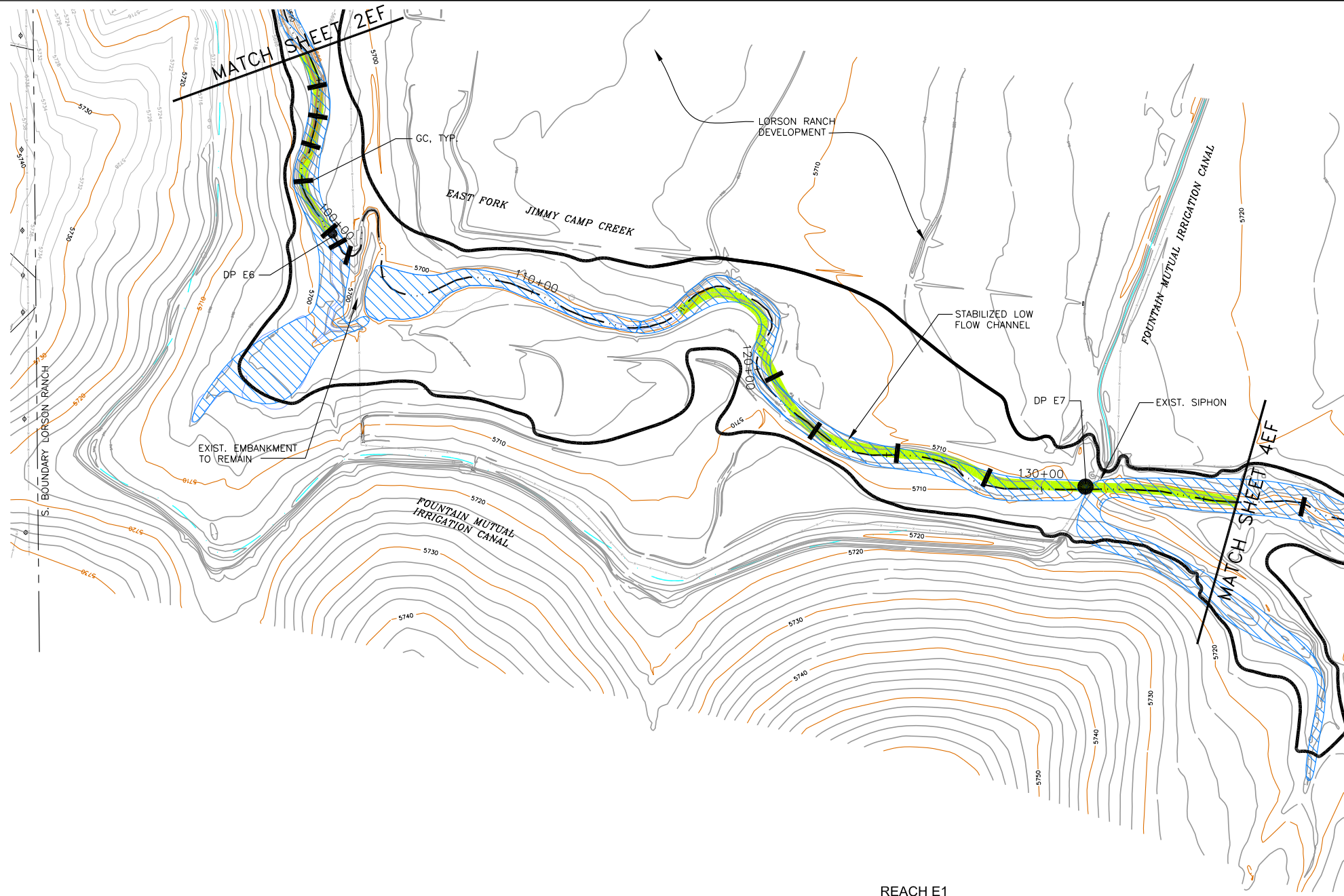
**LEGEND**

- 100-YR FLOODPLAIN
- STREAM FLOWLINE
- CORPORATE LIMITS
- STABILIZED LOW FLOW CHANNEL
- STABILIZED BANK
- PROPOSED FILL
- POTENTIAL JURISDICTIONAL WETLANDS
- OPEN WATER
- RIPARIAN TREES AND SHRUBS  
MAY INCLUDE SMALL AREAS OF WETLANDS
- POTENTIAL JURISDICTIONAL WATERS OF THE U.S. MAY INCLUDE SMALL AREAS OF WETLANDS AND/OR RIPARIAN SPECIES

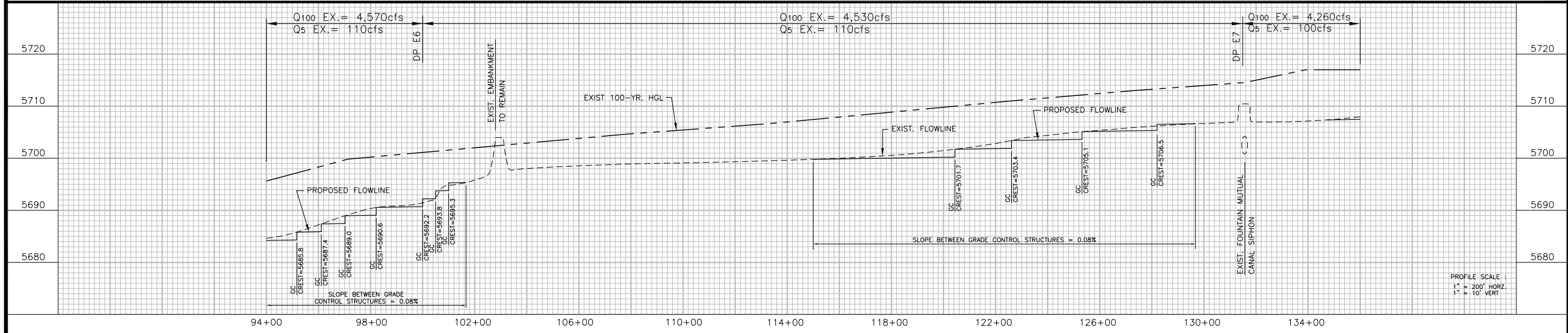
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DISCHARGES UPSTREAM OF DP E1 HAD NO AREA ADJUSTMENT APPLIED



REACH E1



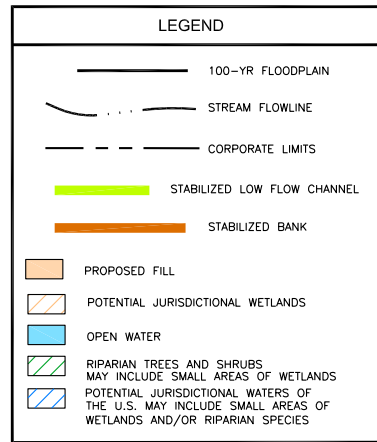
PROFILE SCALE :  
1" = 200' HORZ.  
1" = 10' VERT.

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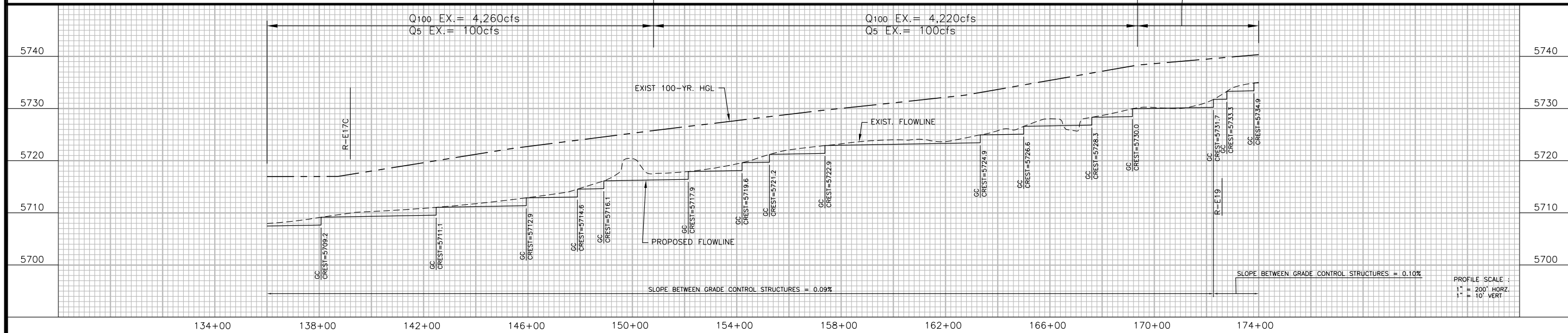
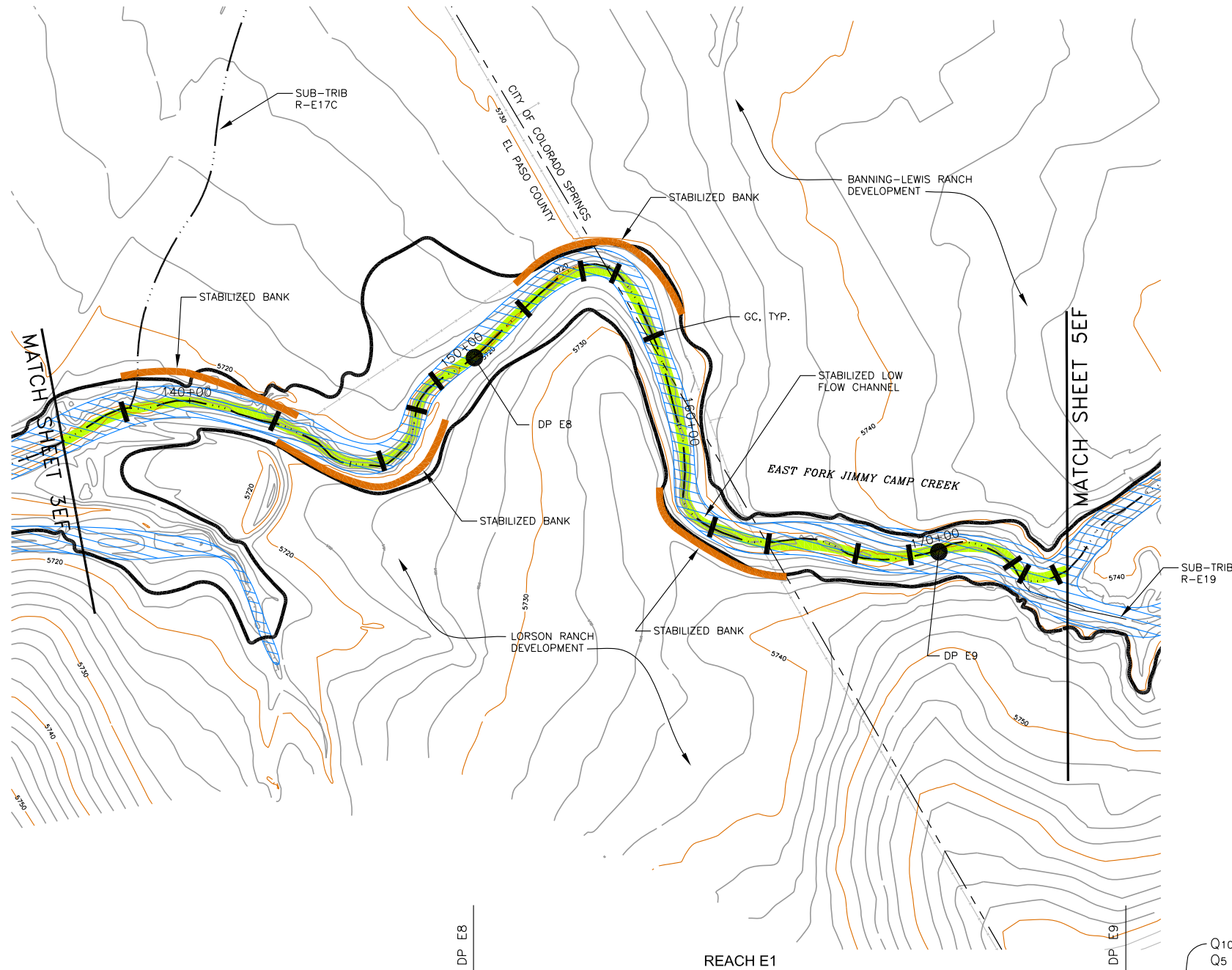
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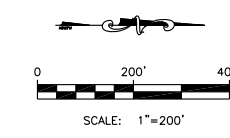
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DISCHARGES UPSTREAM OF DP E1 HAD NO AREA ADJUSTMENT APPLIED



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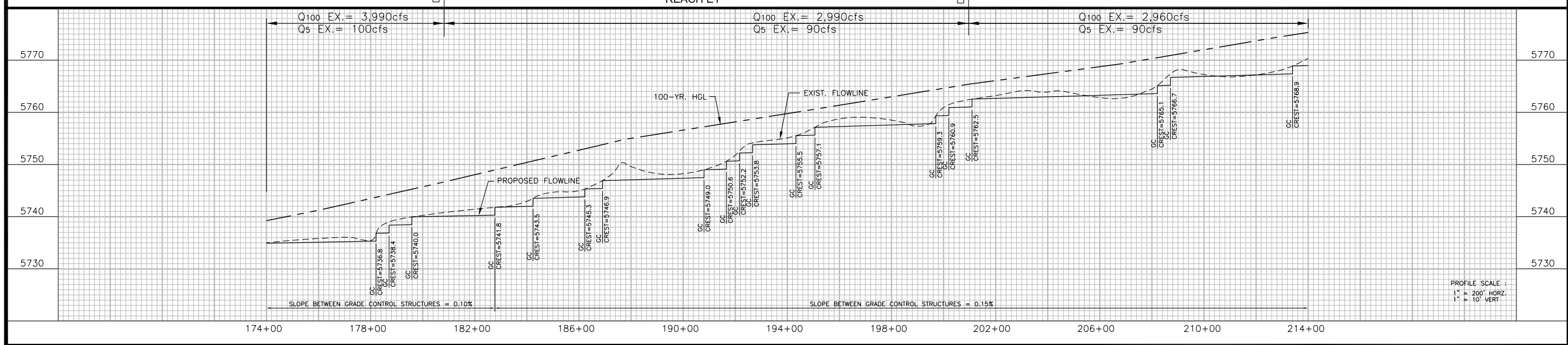
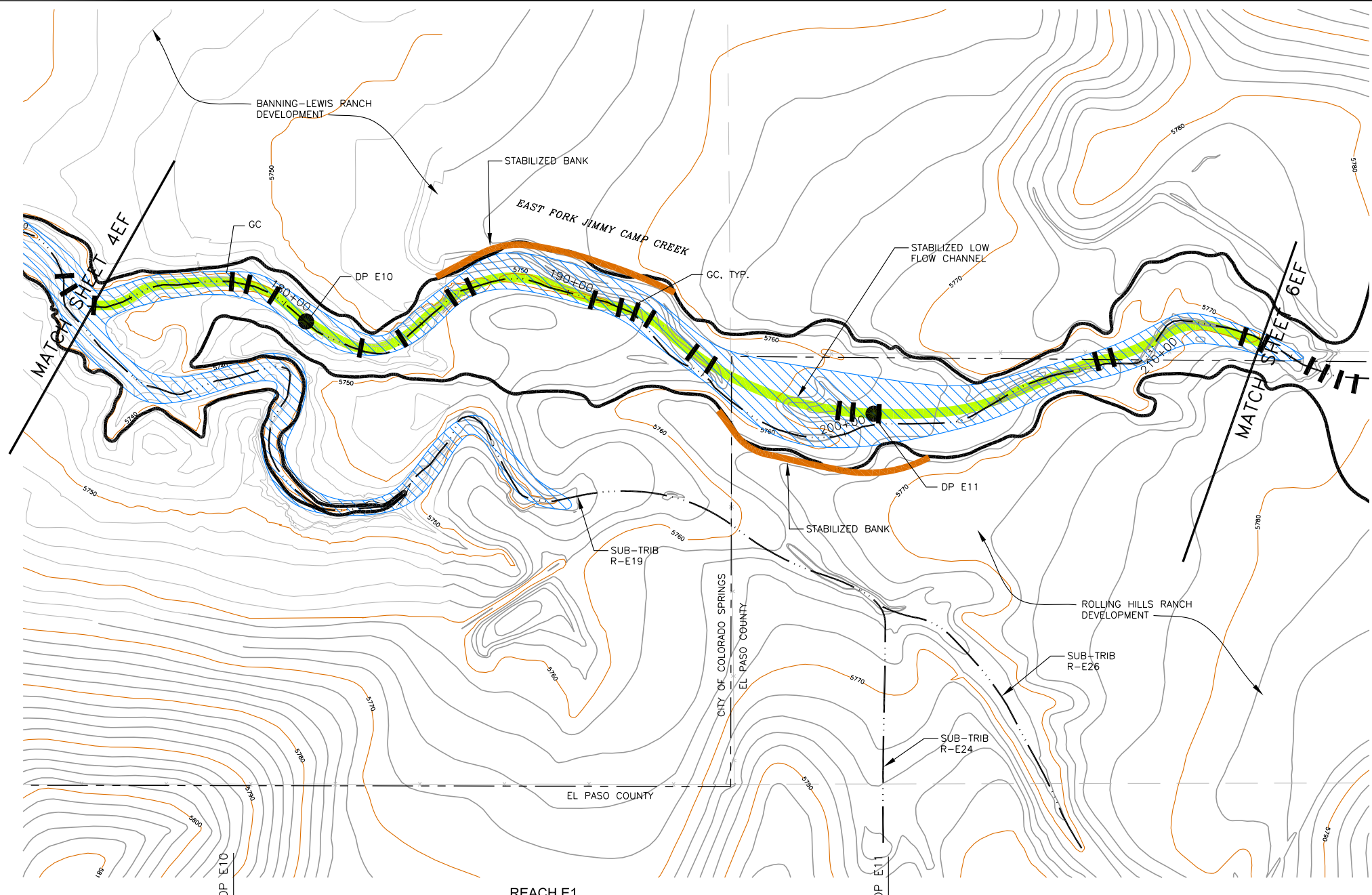
LEGEND	
	100-YR FLOODPLAIN
	STREAM FLOWLINE
	CORPORATE LIMITS
	STABILIZED LOW FLOW CHANNEL
	STABILIZED BANK
	PROPOSED FILL
	POTENTIAL JURISDICTIONAL WETLANDS
	OPEN WATER
	RIPARIAN TREES AND SHRUBS MAY INCLUDE SMALL AREAS OF WETLANDS
	POTENTIAL JURISDICTIONAL WATERS OF THE U.S. MAY INCLUDE SMALL AREAS OF WETLANDS AND/OR RIPARIAN SPECIES

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PROFILE SCALE :  
1" = 200' HORZ.  
1" = 10' VERT

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EAST FORK JIMMY CAMP CREEK  
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CITY OF COLORADO SPRINGS, COLORADO

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Check:	RNW
Revisions:	

**5EF**

**LEGEND**

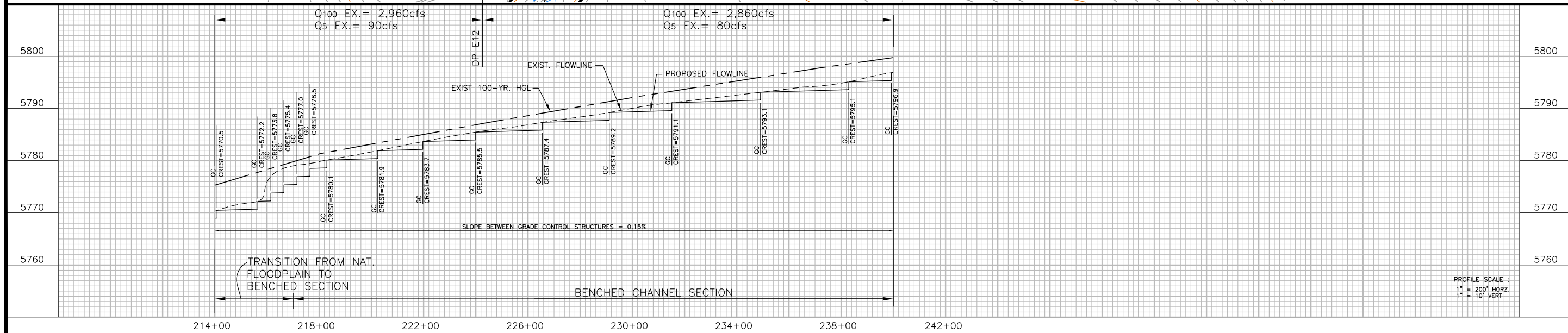
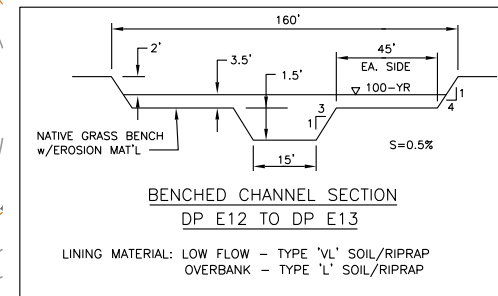
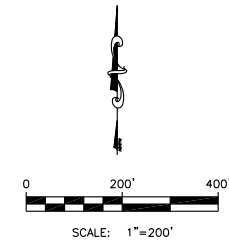
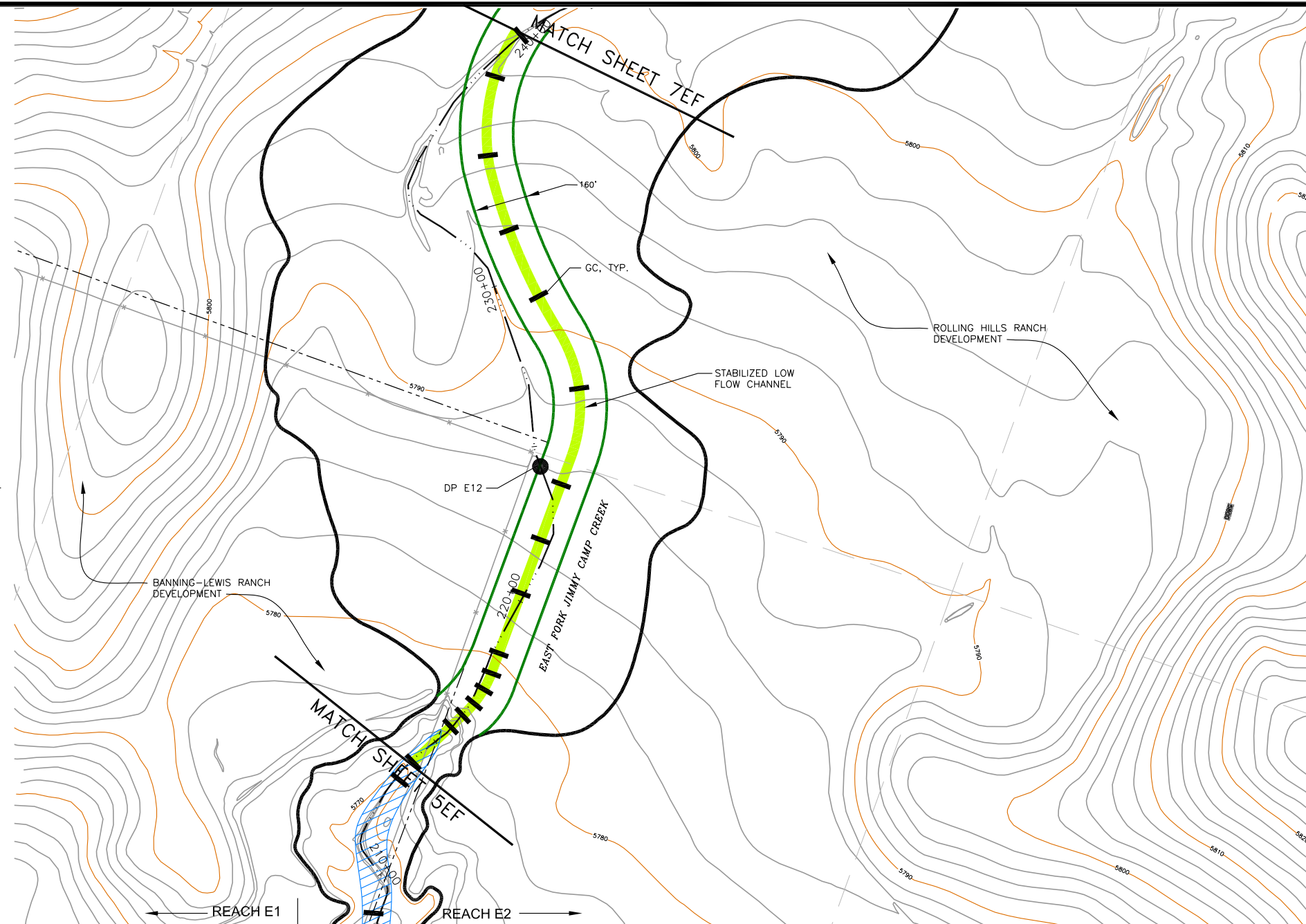
- 100-YR FLOODPLAIN
- STREAM FLOWLINE
- CORPORATE LIMITS
- STABILIZED LOW FLOW CHANNEL
- STABILIZED BANK
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 Revisions:

**6EF**

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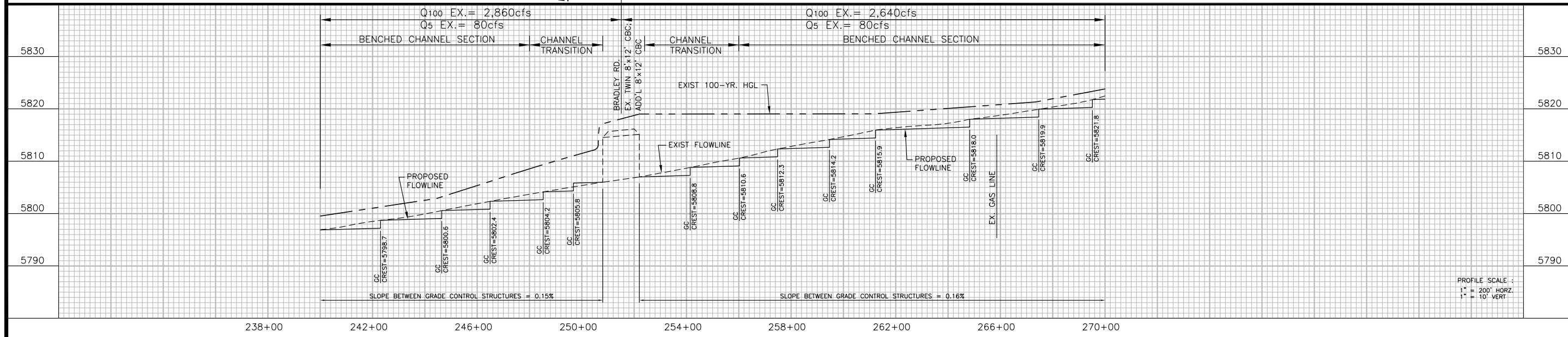
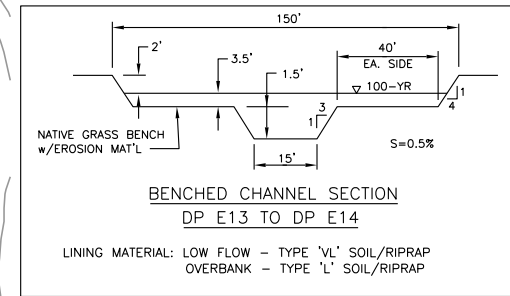
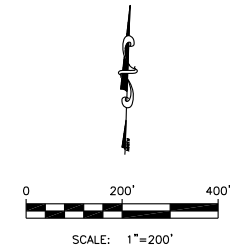
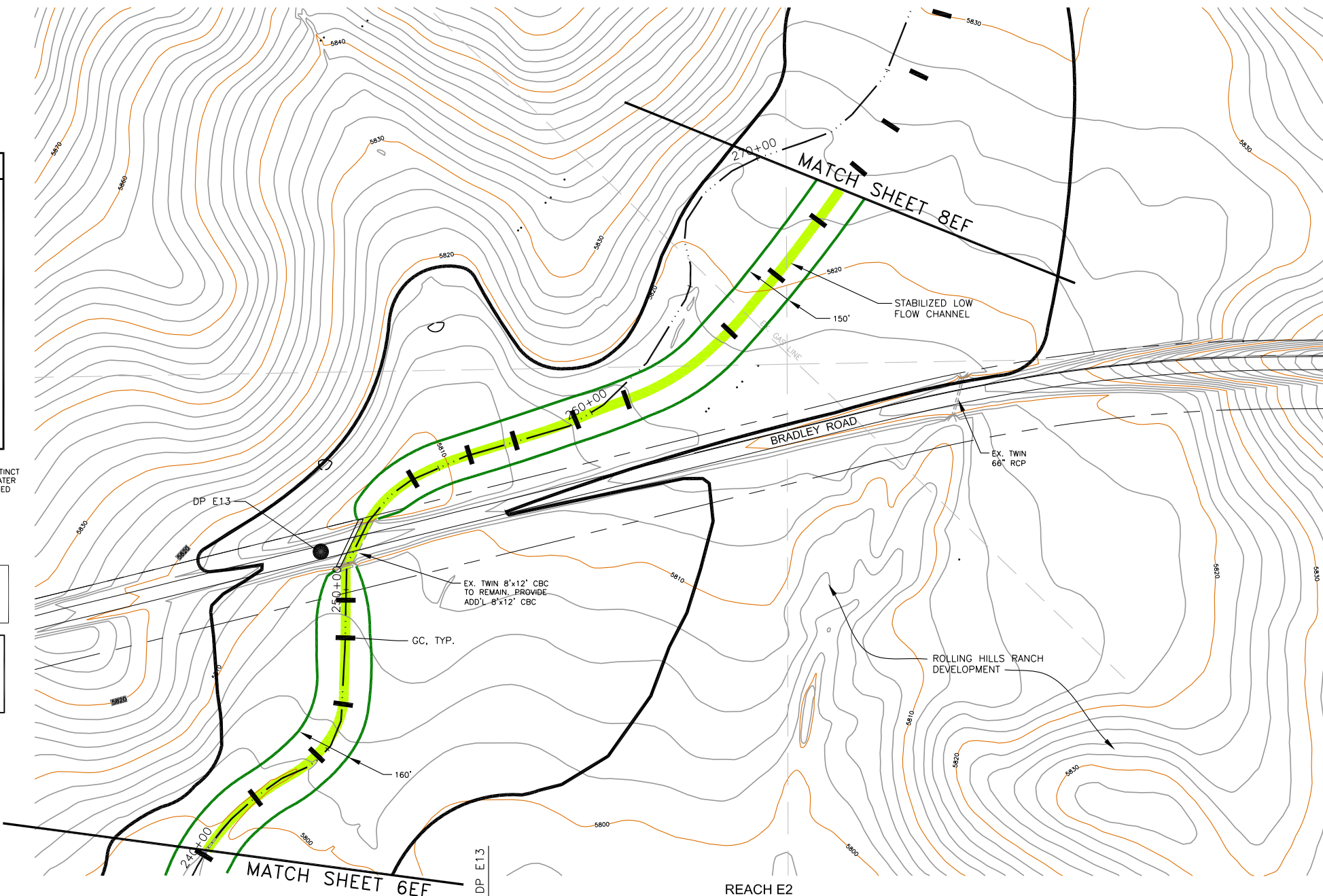
LEGEND	
	100-YR FLOODPLAIN
	STREAM FLOWLINE
	CORPORATE LIMITS
	STABILIZED LOW FLOW CHANNEL
	STABILIZED BANK
	PROPOSED FILL
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	OPEN WATER
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Revisions:	

**7EF**

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**LEGEND**

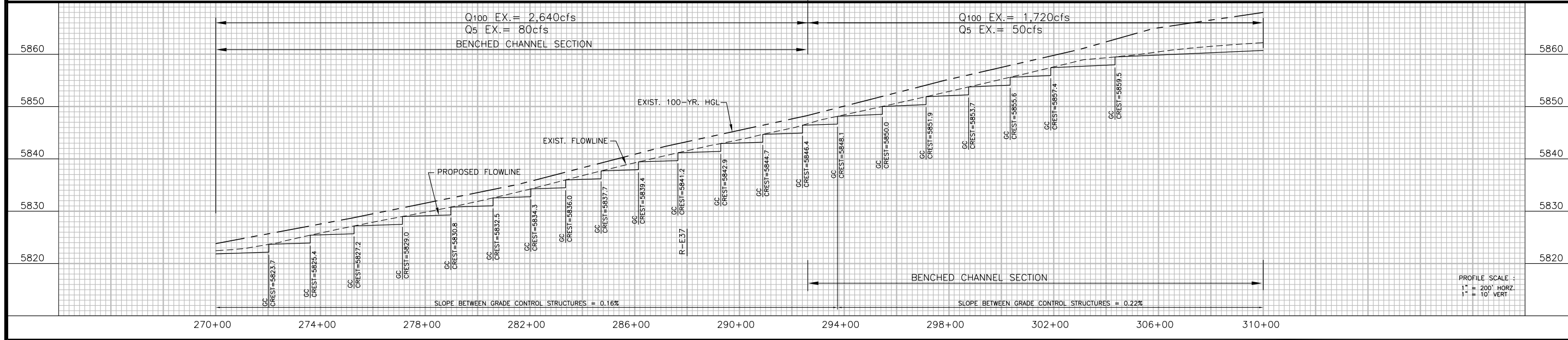
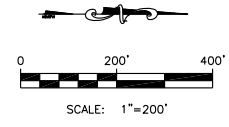
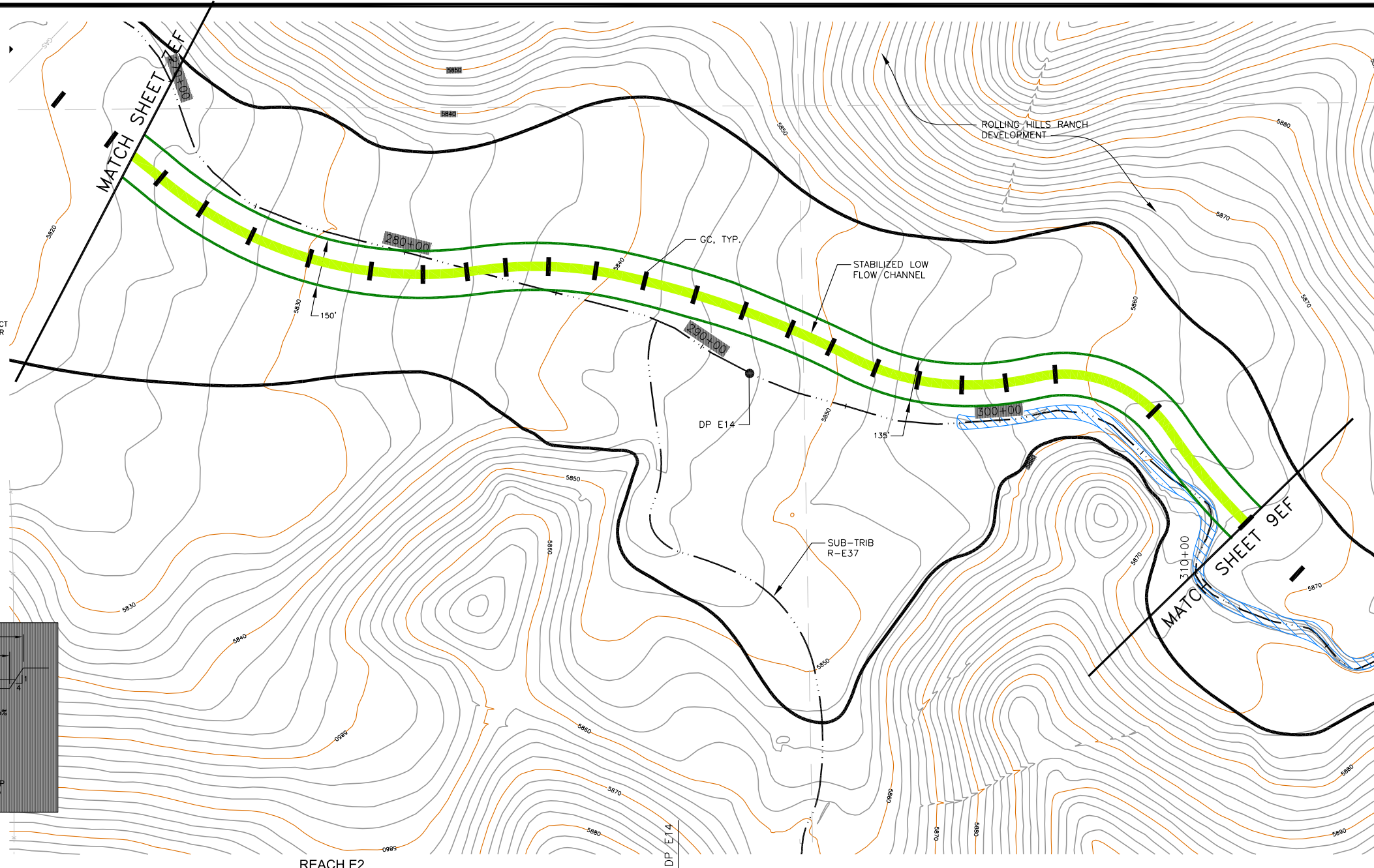
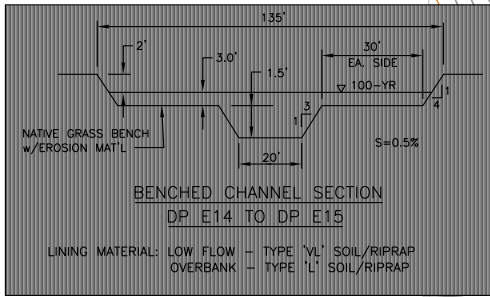
- 100-YR FLOODPLAIN
- STREAM FLOWLINE
- CORPORATE LIMITS
- STABILIZED LOW FLOW CHANNEL
- STABILIZED BANK
- PROPOSED FILL
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Revisions:

**8EF**



**LEGEND**

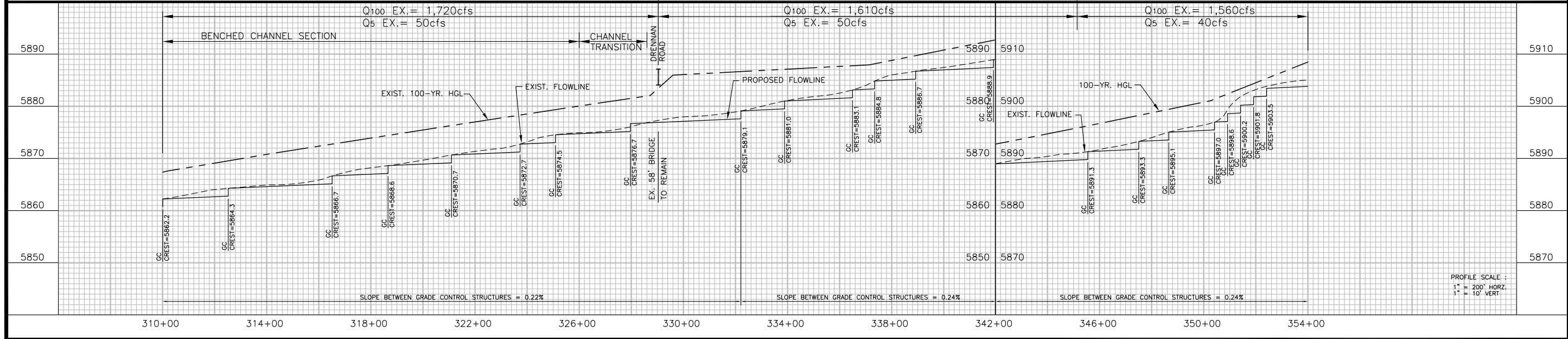
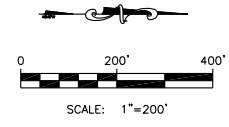
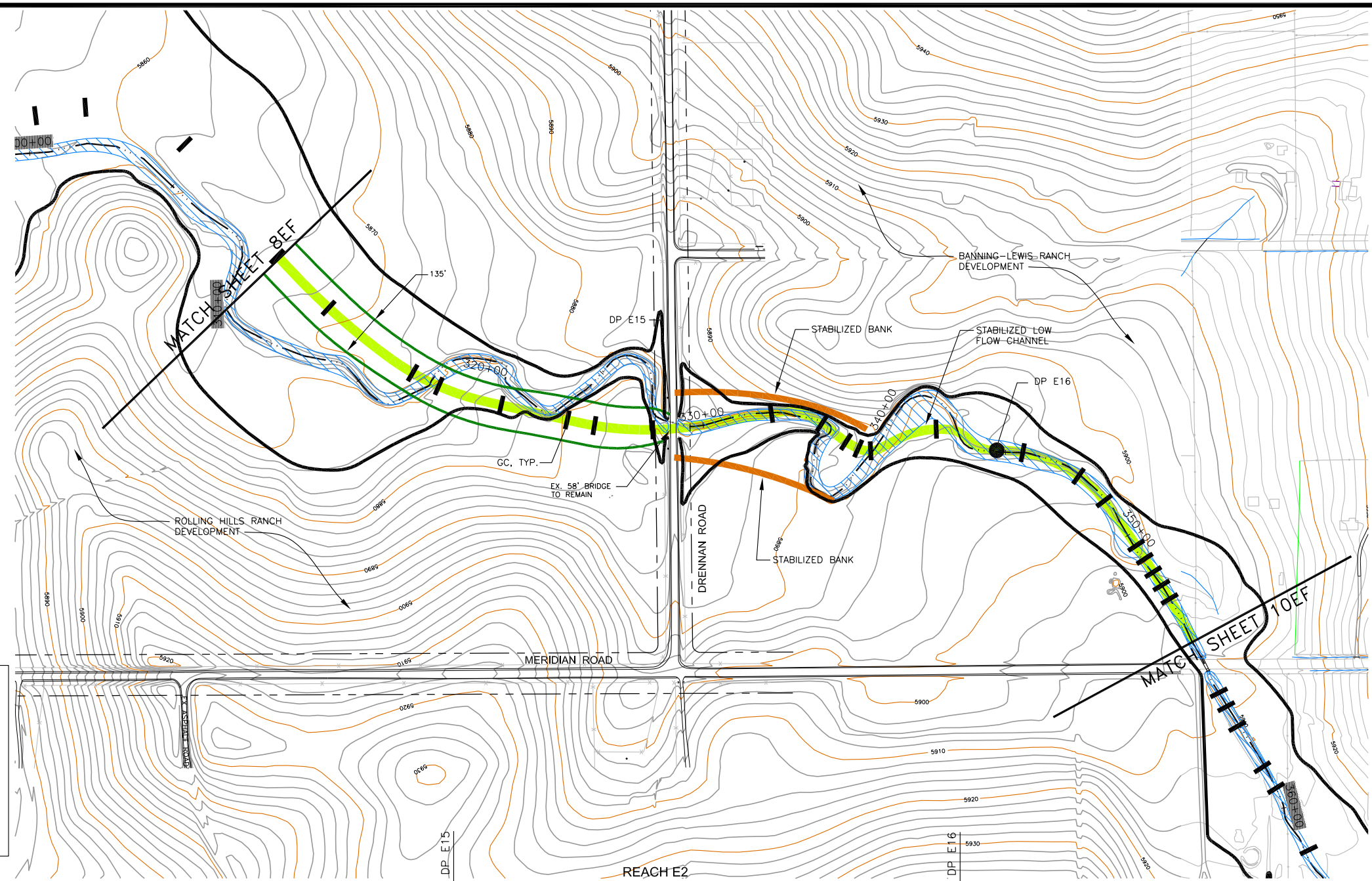
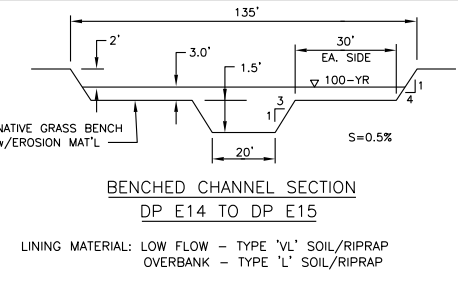
- 100-YR FLOODPLAIN
- STREAM FLOWLINE
- CORPORATE LIMITS
- STABILIZED LOW FLOW CHANNEL
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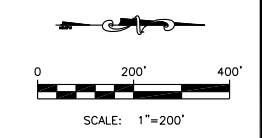
PROFILE SCALE :  
1" = 200' HORIZ.  
1" = 10' VERT.

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**EAST FORK JIMMY CAMP CREEK**  
CONCEPTUAL DESIGN PLAN & PROFILE  
CITY OF COLORADO SPRINGS, COLORADO

Project No.: 14008  
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Design: RNW  
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Check: RNW  
Revisions:

**9EF**

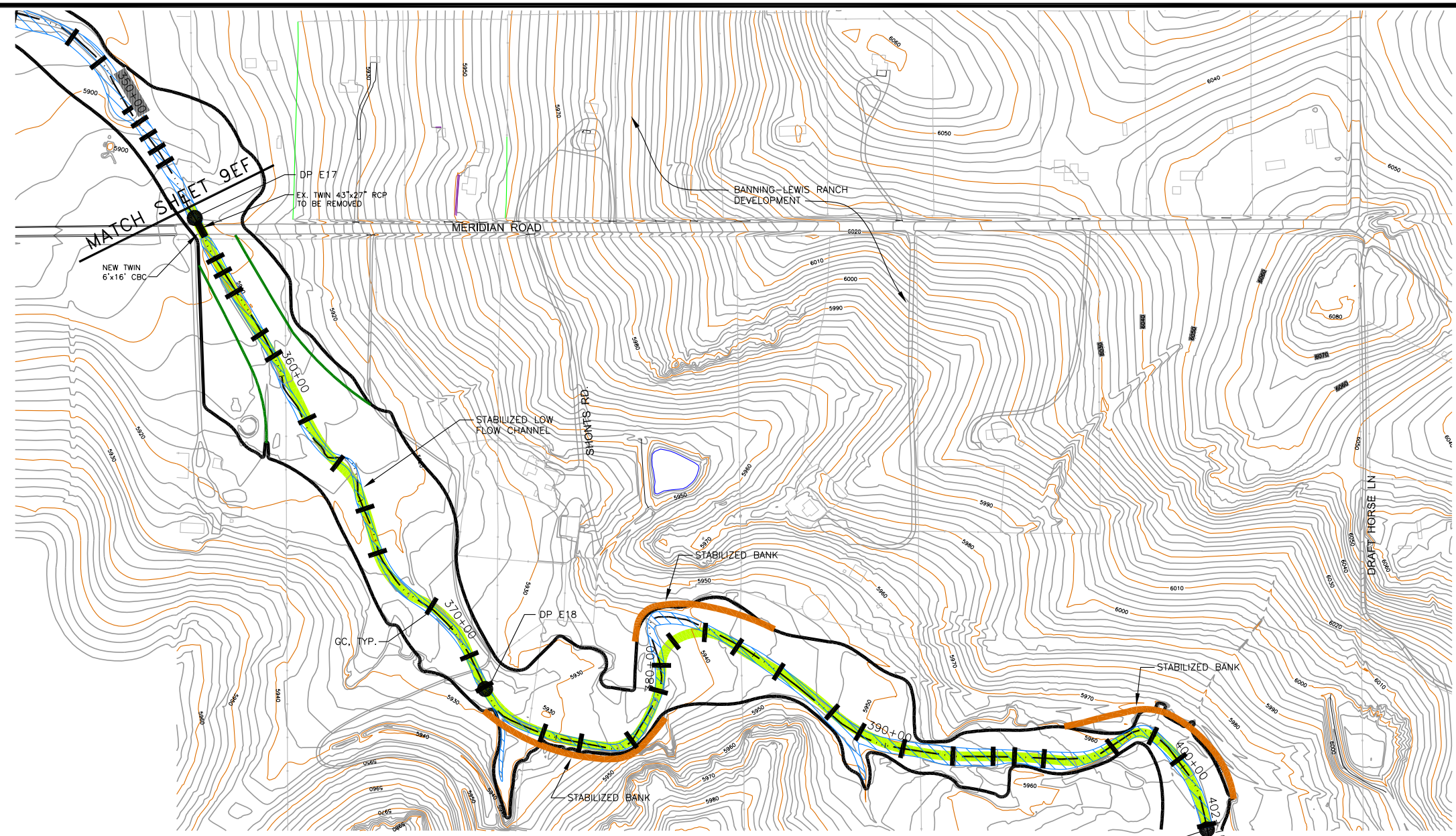


LEGEND	
	100-YR FLOODPLAIN
	STREAM FLOWLINE
	CORPORATE LIMITS
	STABILIZED LOW FLOW CHANNEL
	STABILIZED BANK
	PROPOSED FILL
	POTENTIAL JURISDICTIONAL WETLANDS
	OPEN WATER
	RIPIARIAN TREES AND SHRUBS MAY INCLUDE SMALL AREAS OF WETLANDS
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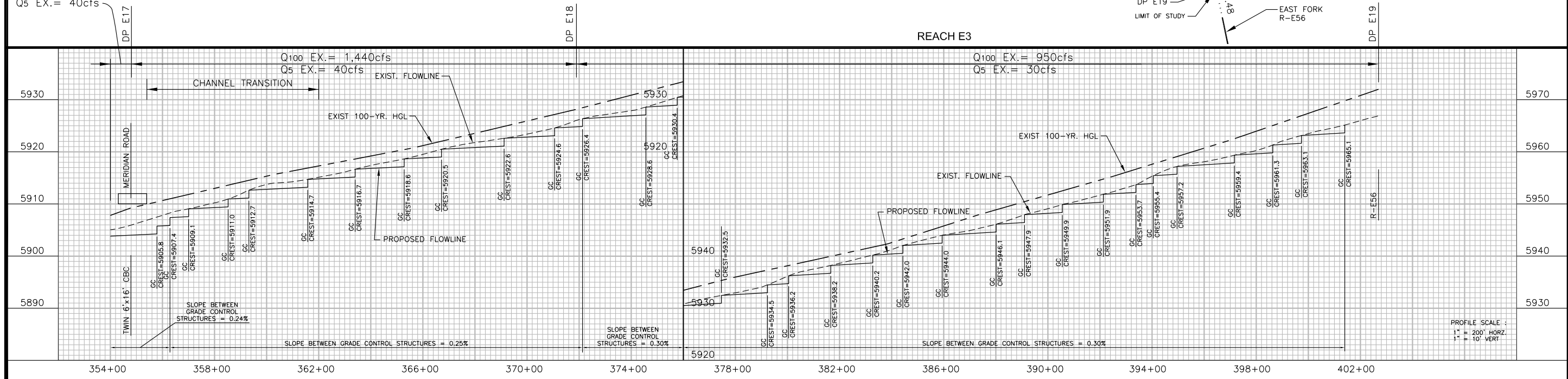
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DISCHARGES UPSTREAM OF DP E1 HAD NO AREA ADJUSTMENT APPLIED



Q100 EX. = 1,560cfs  
Q5 EX. = 40cfs



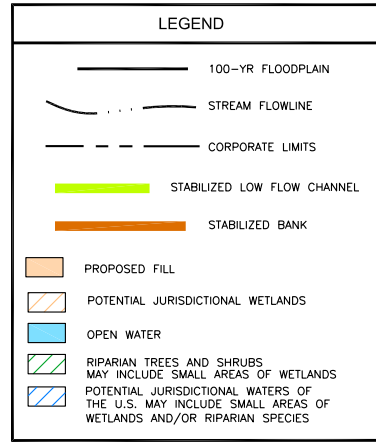
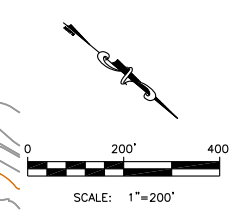
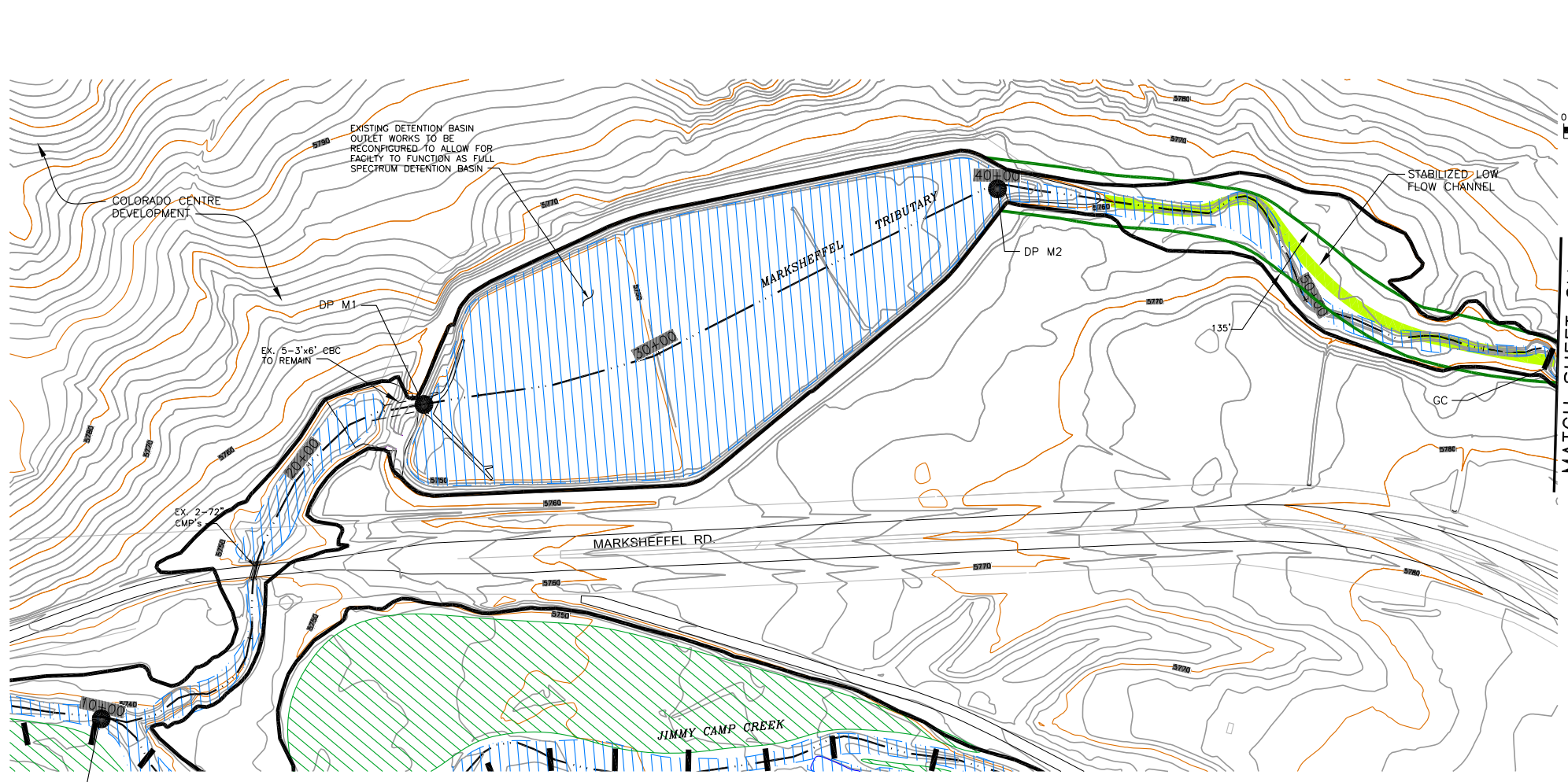
PROFILE SCALE :  
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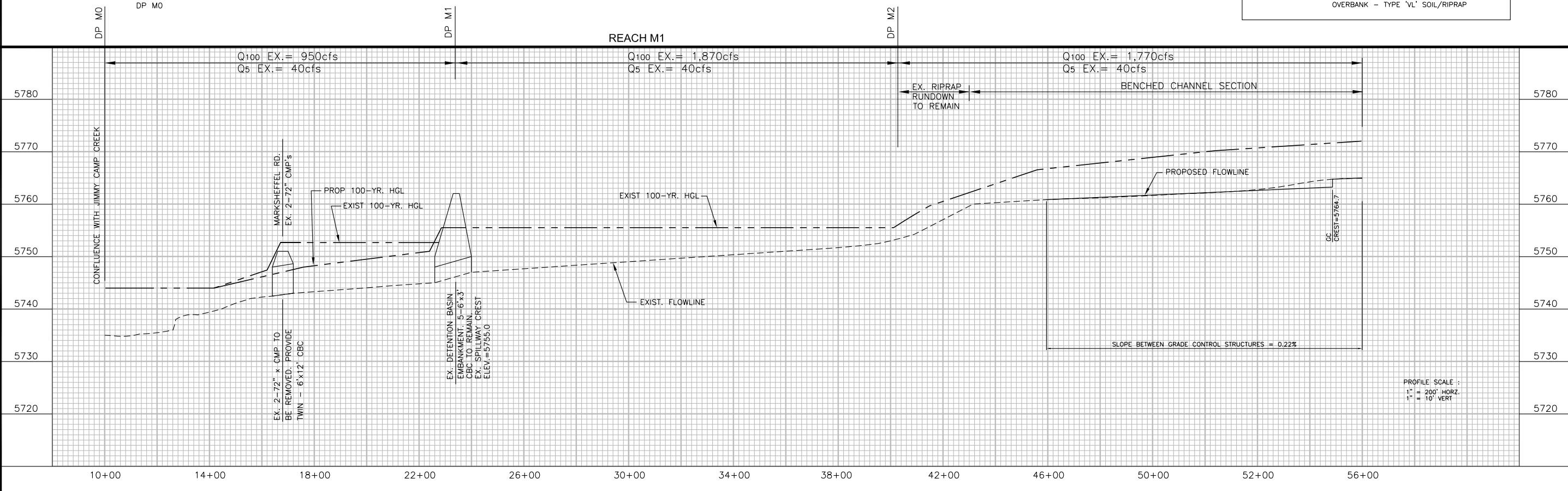
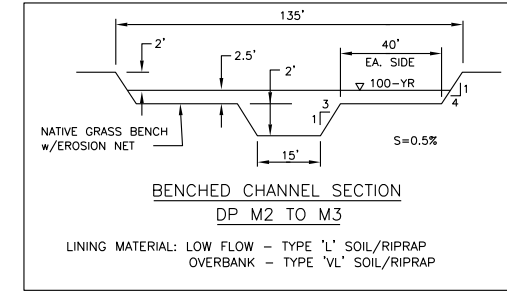
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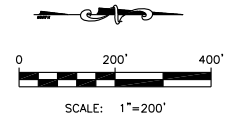
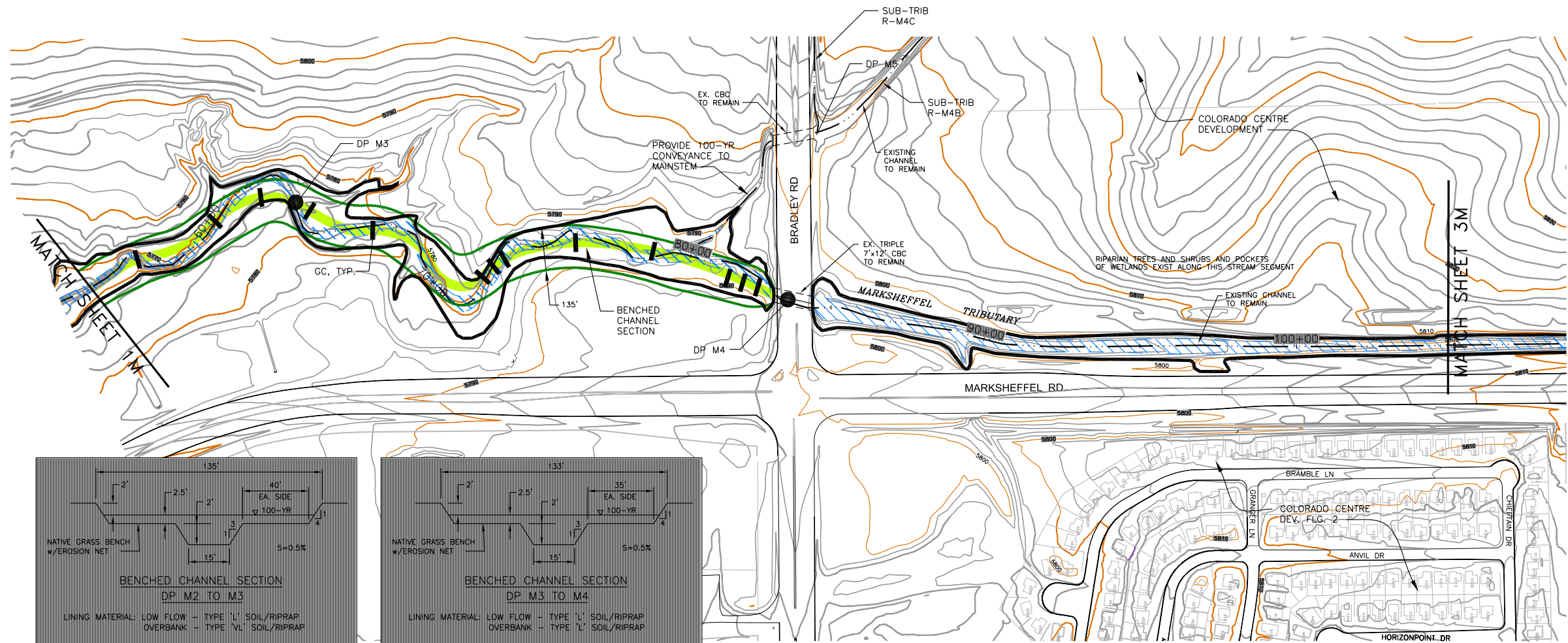
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DISCHARGES UPSTREAM OF DP M0 HAD NO AREA ADJUSTMENT APPLIED



PROFILE SCALE :  
1" = 200' HORZ.  
1" = 10' VERT



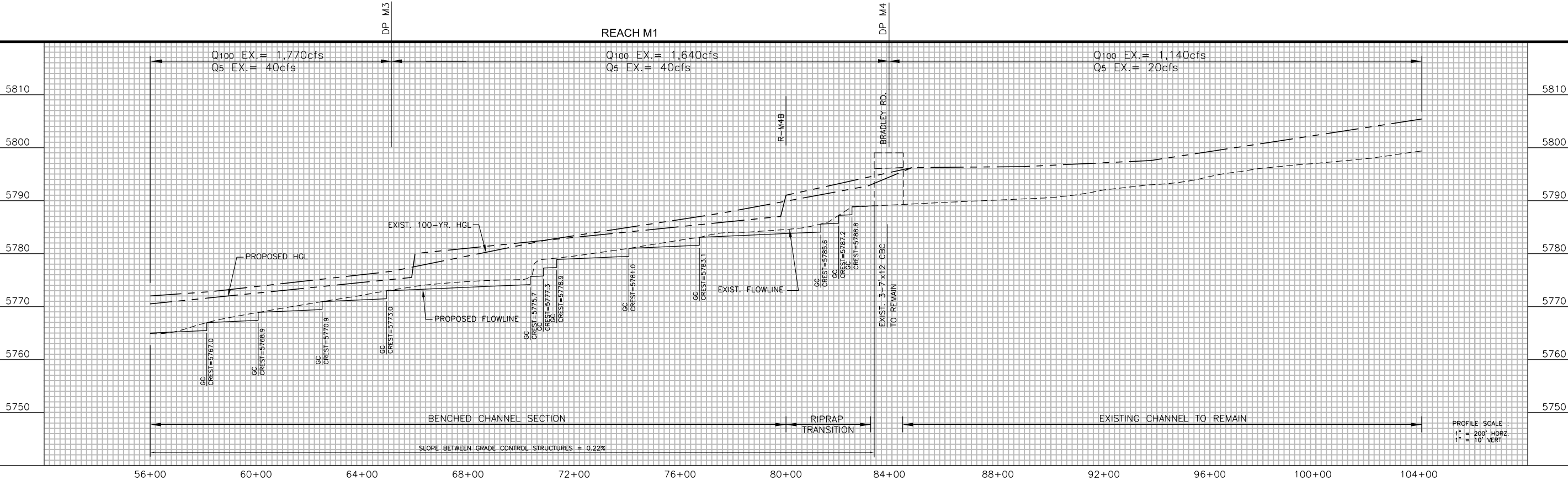
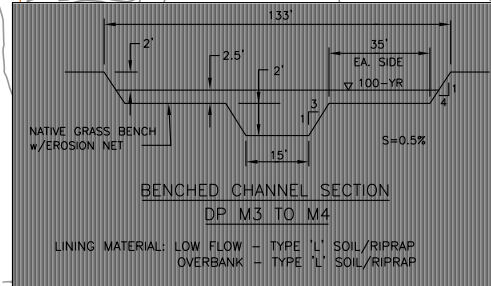
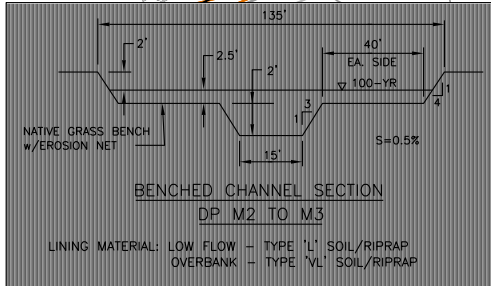
**LEGEND**

- 100-YR FLOODPLAIN
- STREAM FLOWLINE
- CORPORATE LIMITS
- STABILIZED LOW FLOW CHANNEL
- STABILIZED BANK
- PROPOSED FILL
- POTENTIAL JURISDICTIONAL WETLANDS
- OPEN WATER
- RIPARIAN TREES AND SHRUBS MAY INCLUDE SMALL AREAS OF WETLANDS
- POTENTIAL JURISDICTIONAL WATERS OF THE U.S. MAY INCLUDE SMALL AREAS OF WETLANDS AND/OR RIPARIAN SPECIES

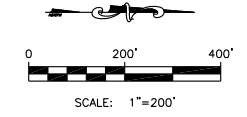
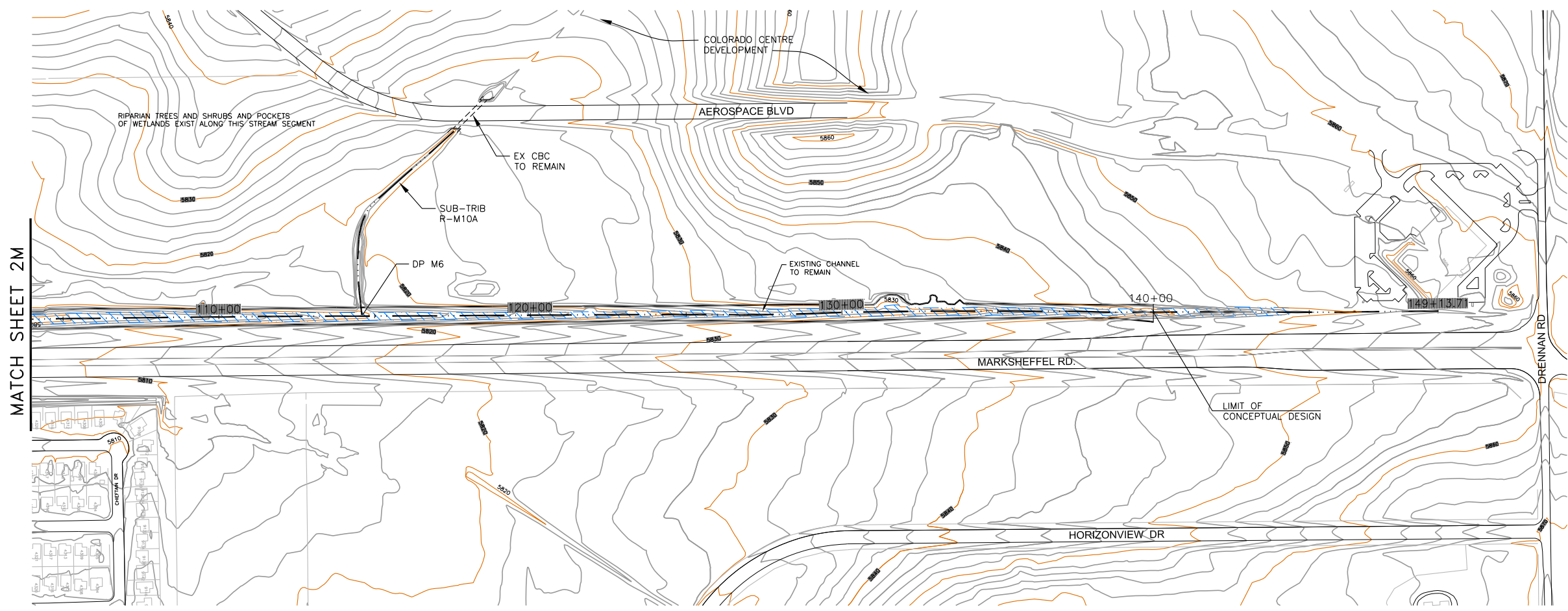
FLOODPLAIN BOUNDARIES ARE FOR PLANNING INFORMATION ONLY AND ARE NOT INTENDED TO BE USED FOR FLOODPLAIN REGULATION OR MANAGEMENT.

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DISCHARGES UPSTREAM OF DP M0 HAD NO AREA ADJUSTMENT APPLIED



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Date: OCTOBER 2014  
Design: RNW  
Drawn: JLN  
Check: RNW  
Revisions:



**LEGEND**

- 100-YR FLOODPLAIN
- STREAM FLOWLINE
- CORPORATE LIMITS
- STABILIZED LOW FLOW CHANNEL
- STABILIZED BANK
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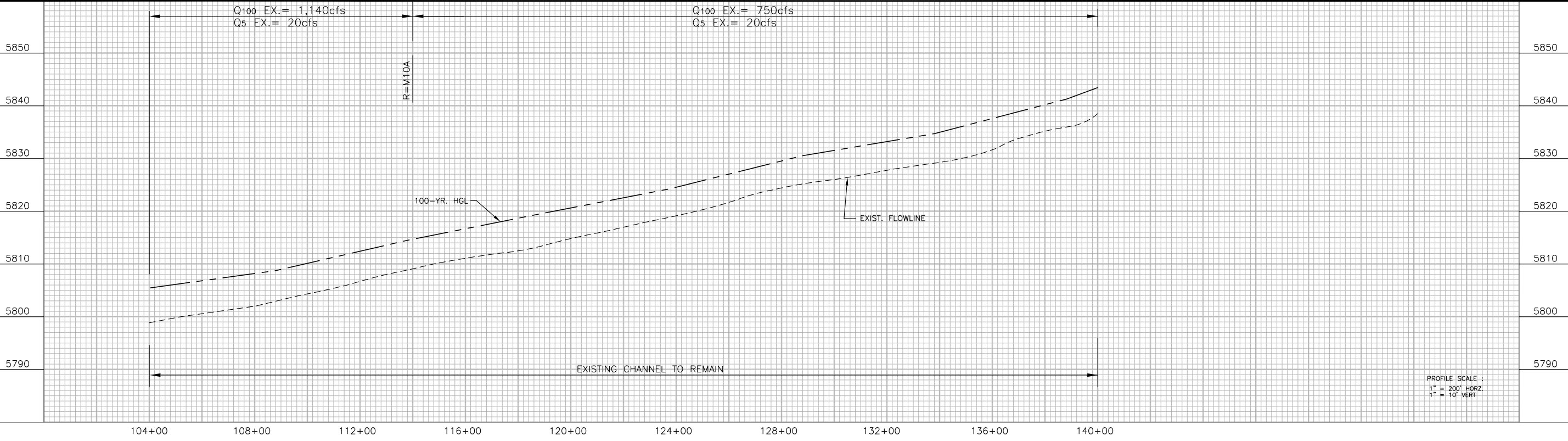
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DISCHARGES UPSTREAM OF DP M6 HAD NO AREA ADJUSTMENT APPLIED

MATCH SHEET 2M

REACH M1



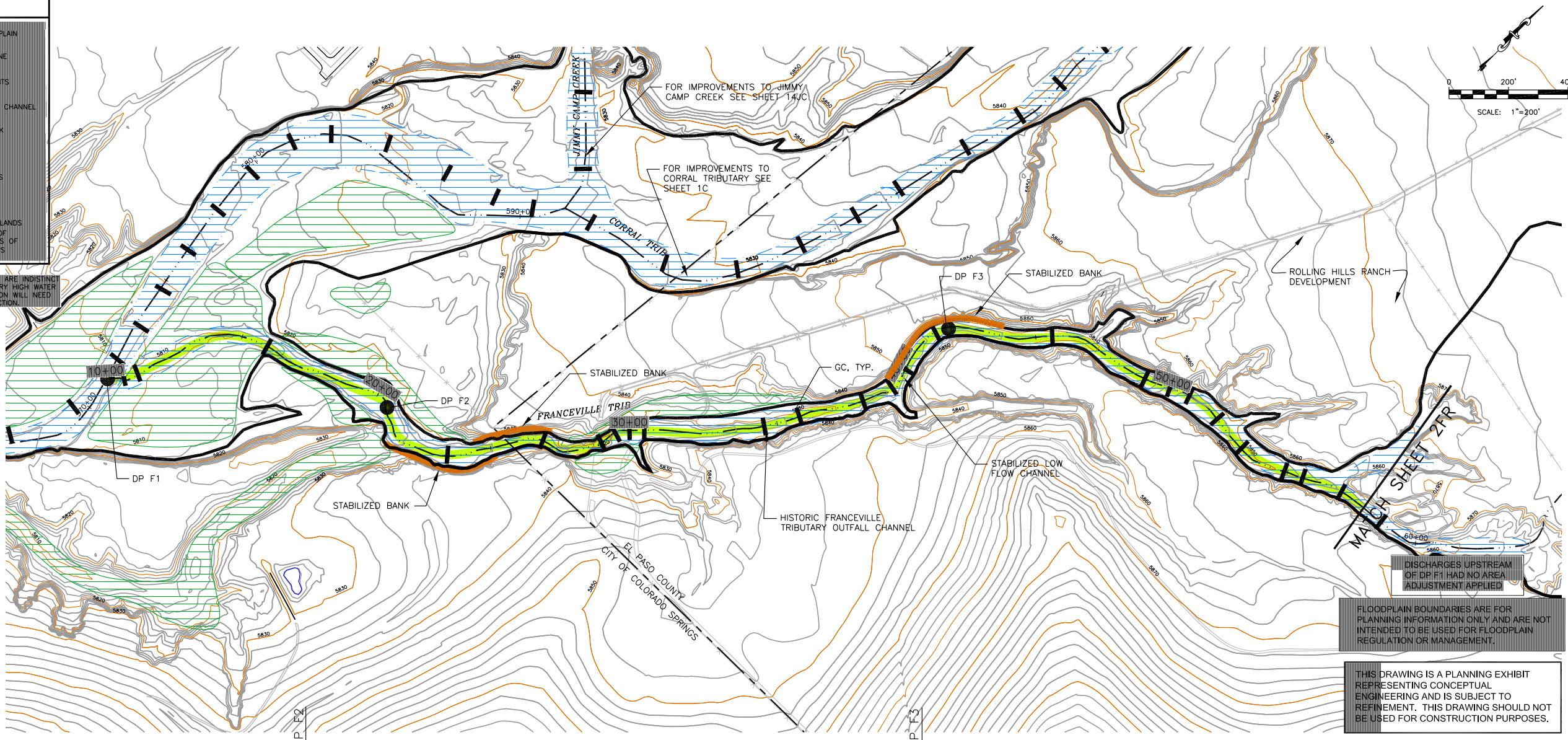
PROFILE SCALE :  
1" = 200' HORZ.  
1" = 10' VERT.

Project No.:	14008
Date:	OCTOBER 2014
Design:	RNW
Drawn:	JLN
Check:	RNW
Revisions:	

**LEGEND**

- 100-YR FLOODPLAIN
- STREAM FLOWLINE
- CORPORATE LIMITS
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- STABILIZED BANK
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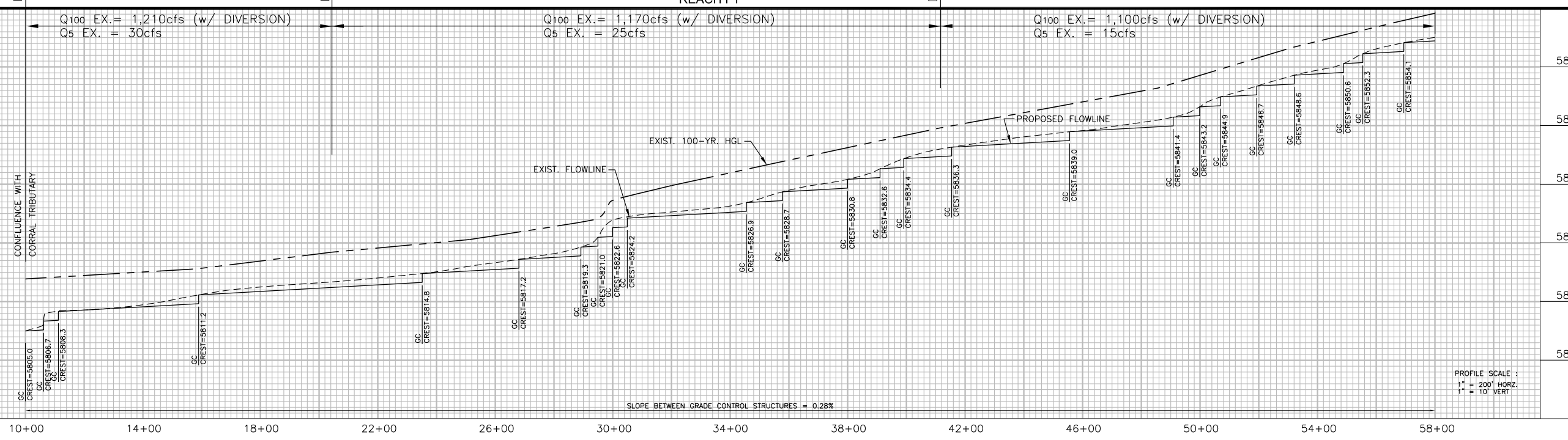
LIMITS OF JURISDICTIONAL WATERS AND WETLANDS ARE INDISTINCT ON THIS TRIBUTARY DUE TO LACK OF AN ORDINARY HIGH WATER MARK IN LOCATIONS. JURISDICTIONAL DETERMINATION WILL NEED TO BE MADE BY THE USACE PRIOR TO CONSTRUCTION.



DISCHARGES UPSTREAM OF DP F1 HAD NO AREA ADJUSTMENT APPLIED

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**FRANCEVILLE TRIBUTARY**  
CONCEPTUAL DESIGN PLAN & PROFILE  
CITY OF COLORADO SPRINGS, COLORADO

Project No.:	14008
Date:	OCTOBER 2014
Design:	RNW
Drawn:	JLN
Check:	RNW
Revisions:	

**1FR**

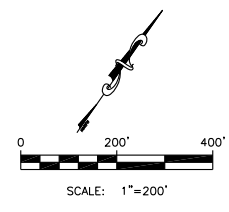
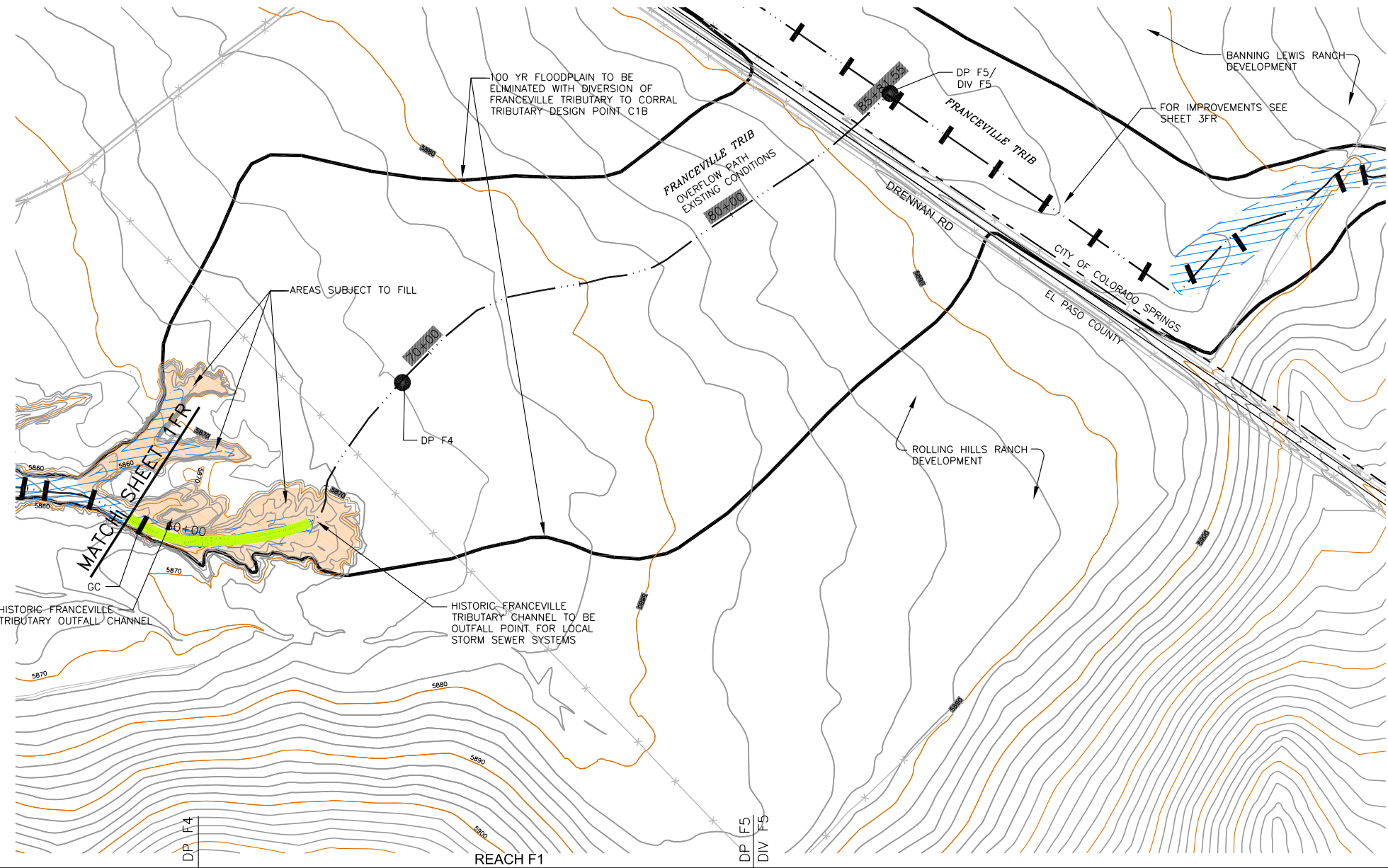
**LEGEND**

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- STREAM FLOWLINE
- CORPORATE LIMITS
- STABILIZED LOW FLOW CHANNEL
- STABILIZED BANK
- PROPOSED FILL
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Project No.: 14008  
Date: OCTOBER 2014  
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Check: RNW  
Revisions:

**2FR**



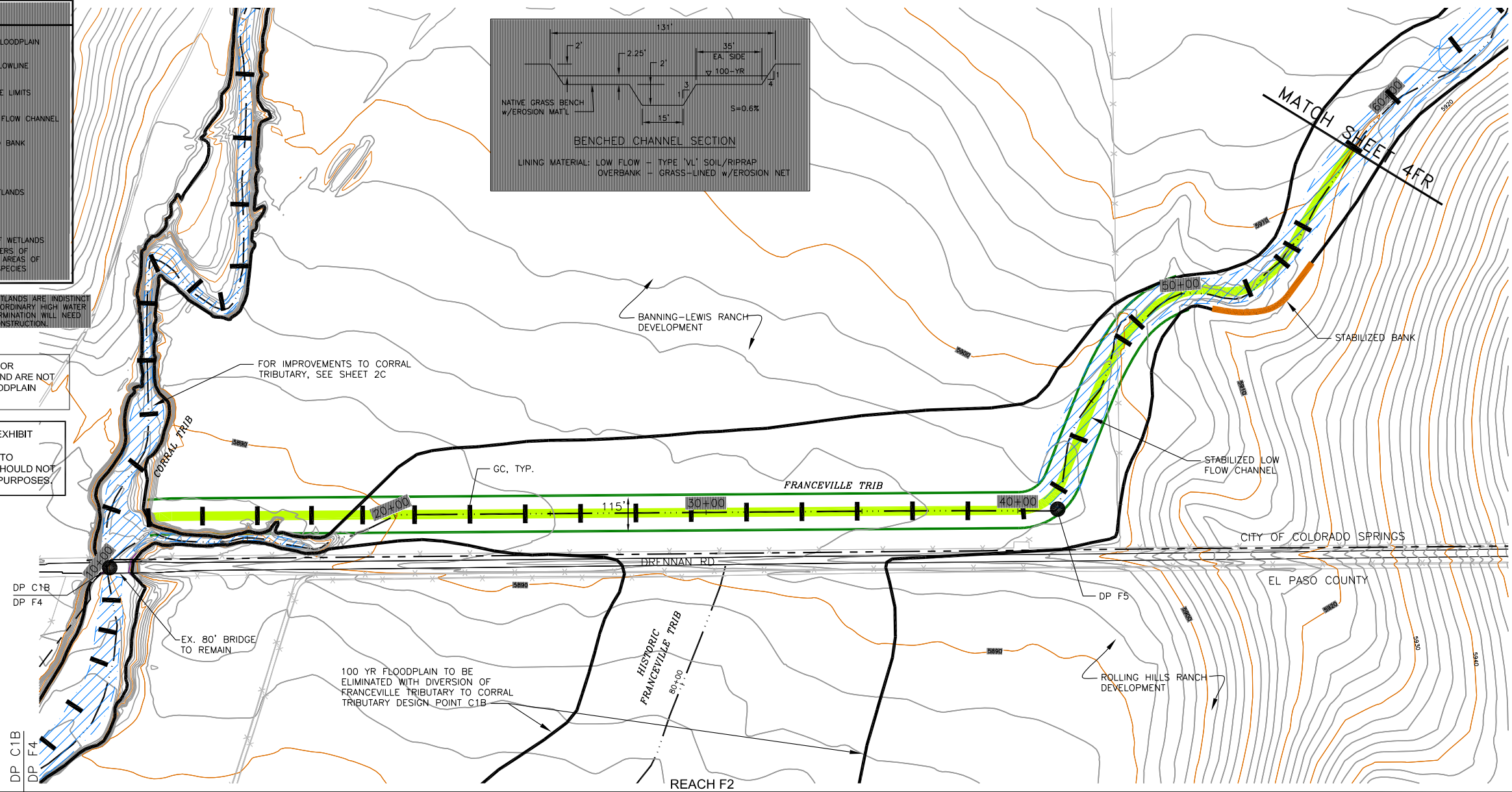
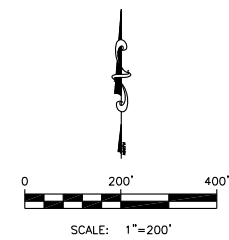
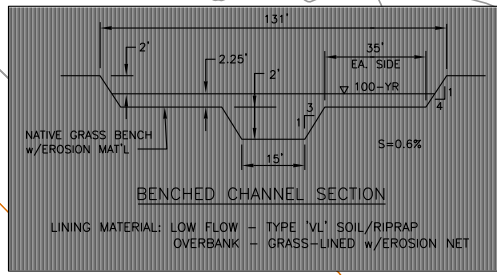
**LEGEND**

- 100-YR FLOODPLAIN
- STREAM FLOWLINE
- CORPORATE LIMITS
- STABILIZED LOW FLOW CHANNEL
- STABILIZED BANK
- PROPOSED FILL
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- OPEN WATER
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- POTENTIAL JURISDICTIONAL WATERS OF THE U.S. MAY INCLUDE SMALL AREAS OF WETLANDS AND/OR RIPARIAN SPECIES

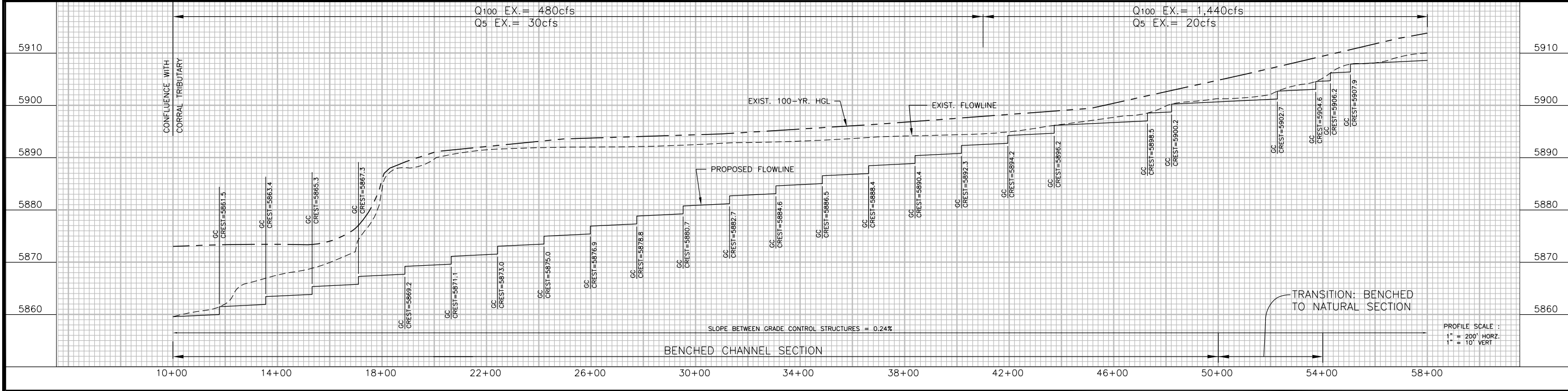
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DISCHARGES UPSTREAM OF DP F4 HAD NO AREA ADJUSTMENT APPLIED



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Check:	RNW
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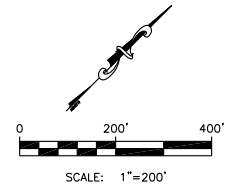
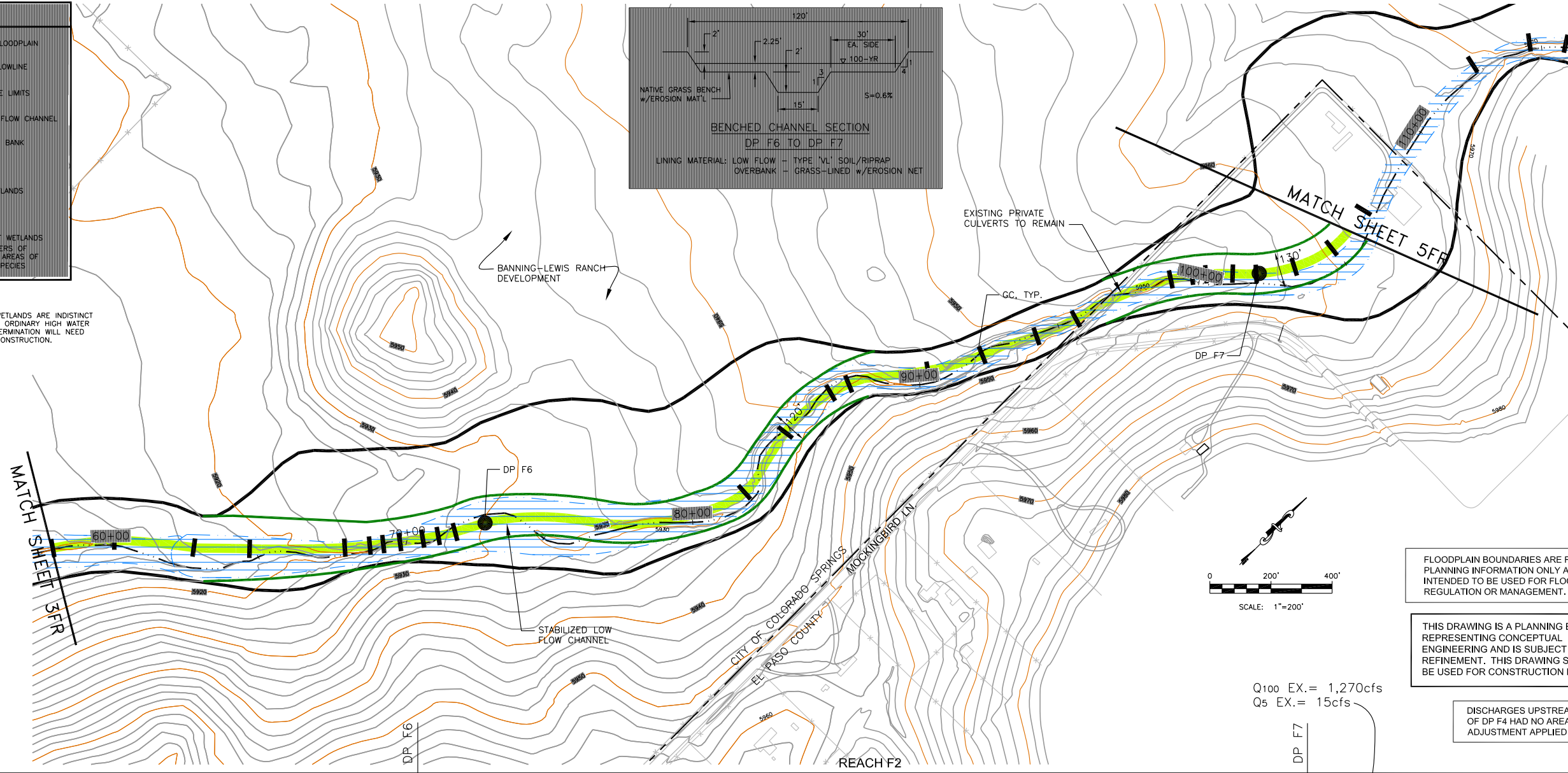
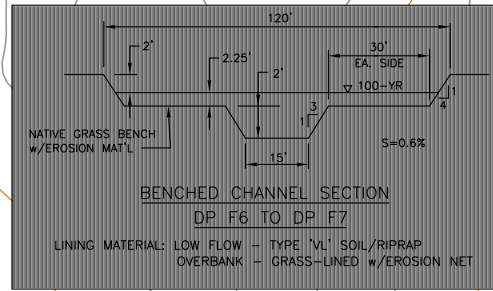
**3FR**



**LEGEND**

- 100-YR FLOODPLAIN
- STREAM FLOWLINE
- CORPORATE LIMITS
- STABILIZED LOW FLOW CHANNEL
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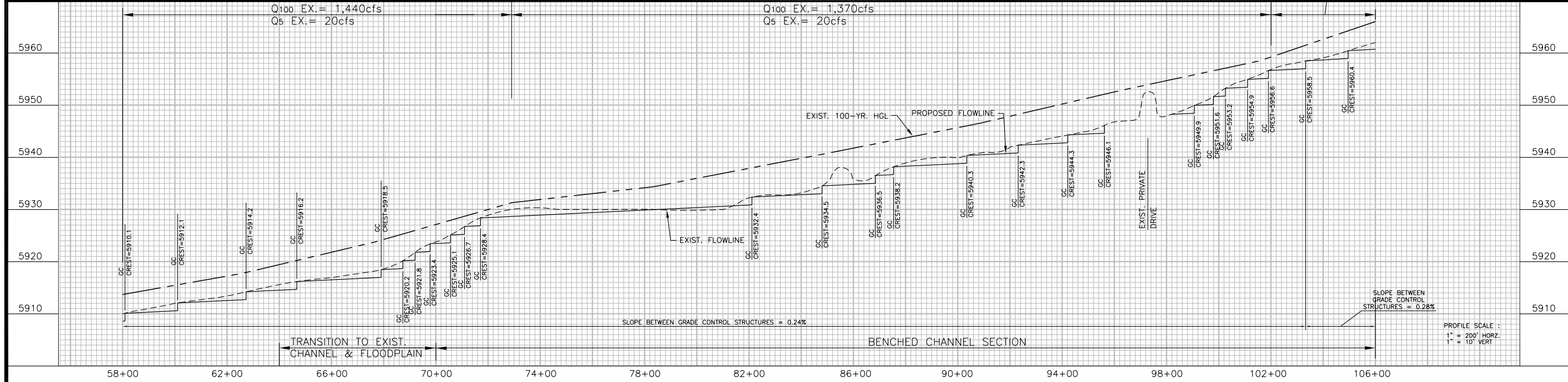


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Q100 EX. = 1,270cfs  
Q5 EX. = 15cfs



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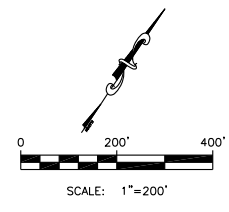
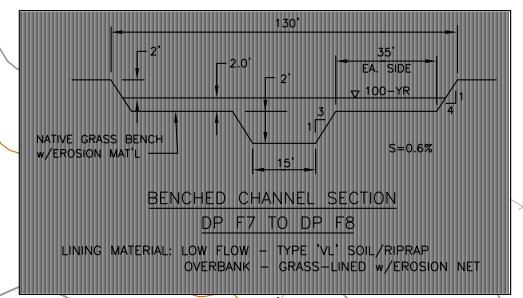
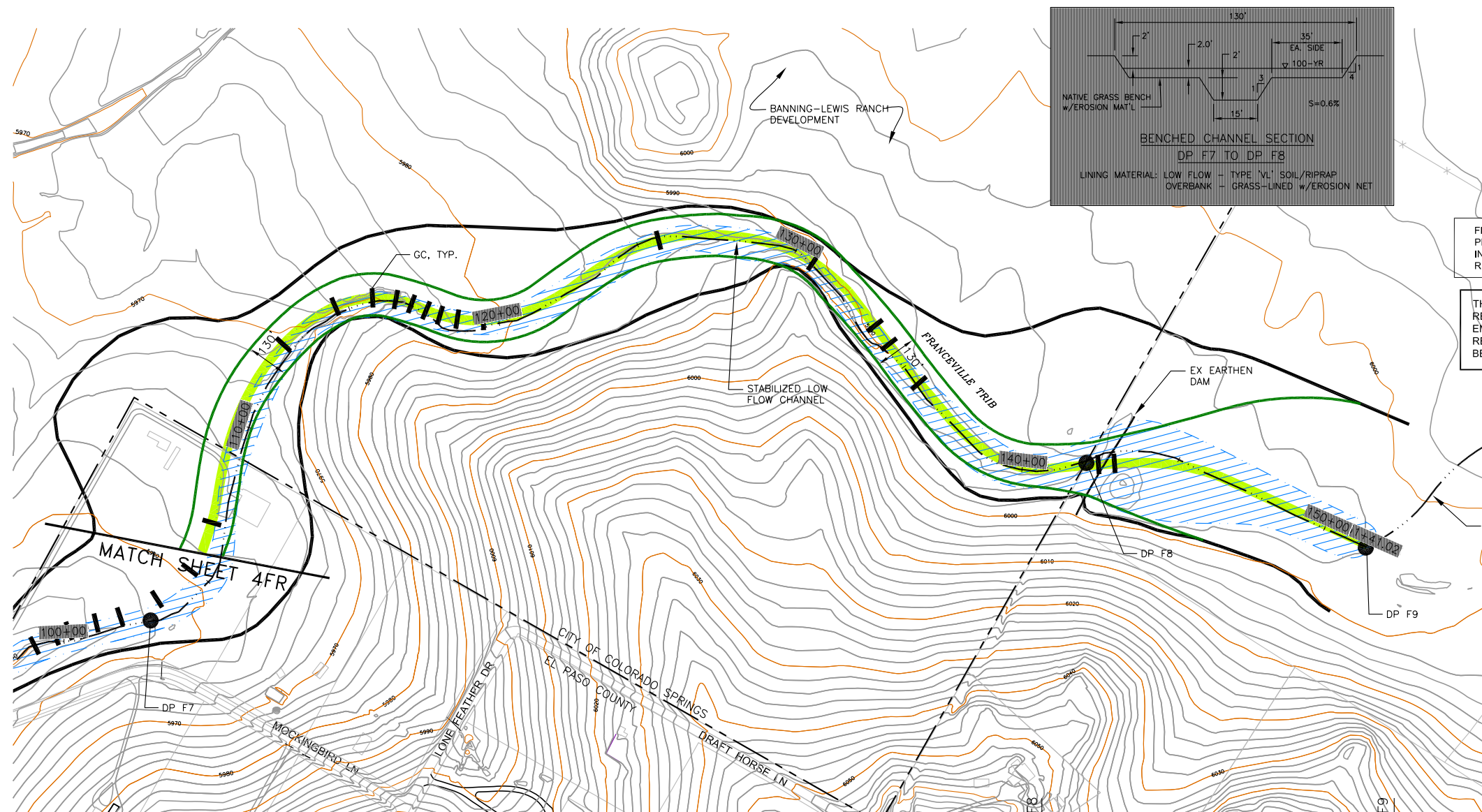
JIMMY CAMP CREEK DRAINAGE BASIN PLANNING STUDY  
FRANCEVILLE TRIBUTARY  
CONCEPTUAL DESIGN PLAN & PROFILE  
CITY OF COLORADO SPRINGS, COLORADO

Project No.:	14008
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Design:	RNW
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Revisions:	

**4FR**

**LEGEND**

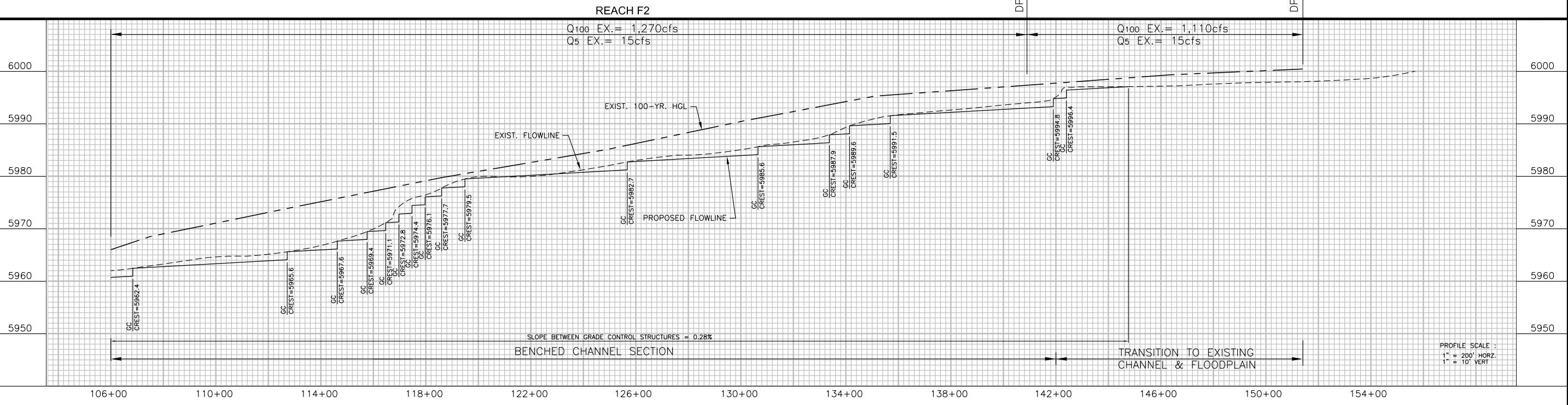
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- STREAM FLOWLINE
- CORPORATE LIMITS
- STABILIZED LOW FLOW CHANNEL
- STABILIZED BANK
- PROPOSED FILL
- POTENTIAL JURISDICTIONAL WETLANDS
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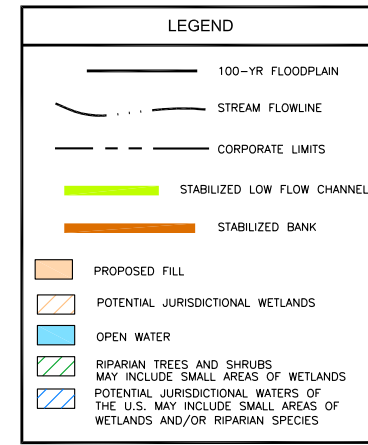
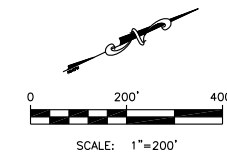
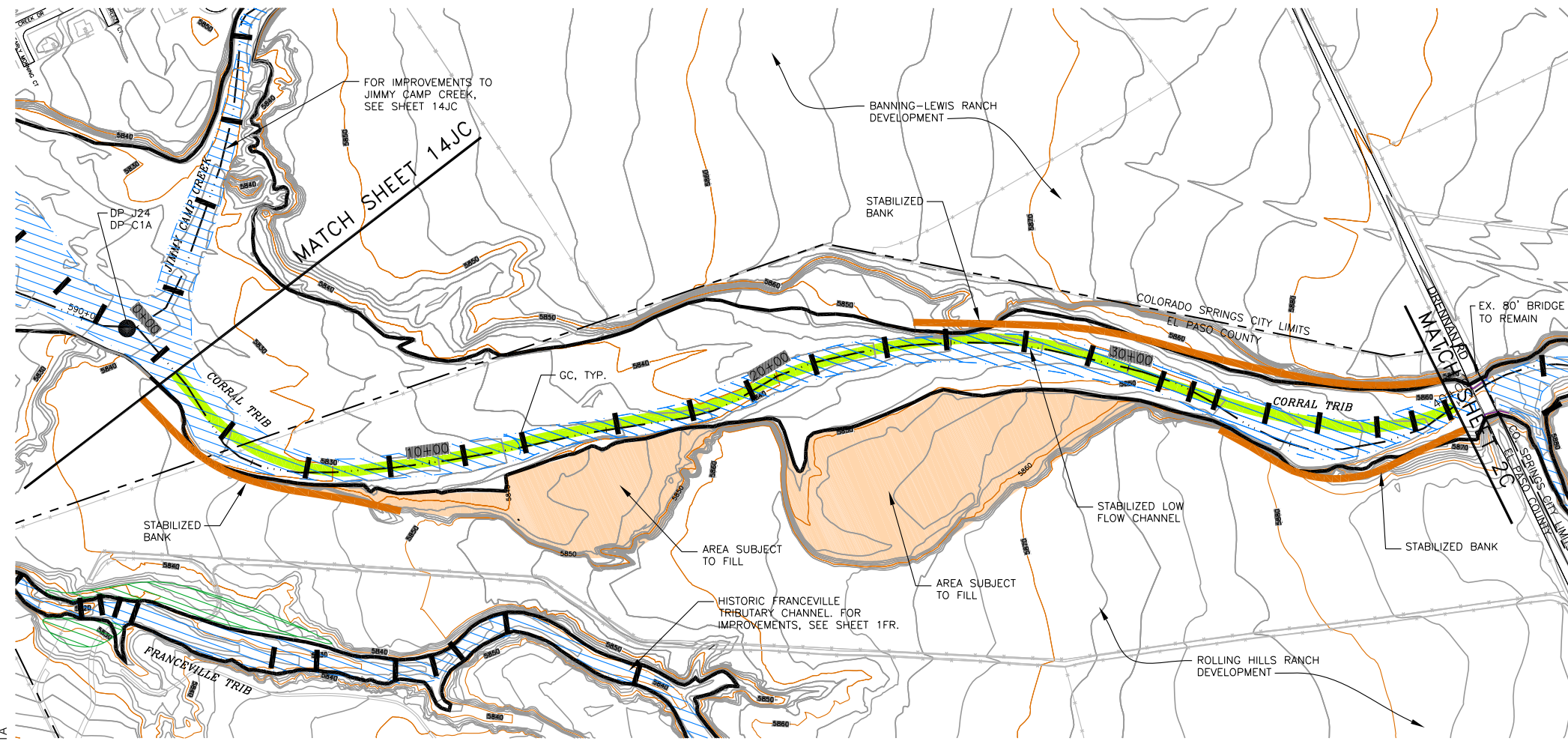


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Project No.:	14008
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Revisions:	

**5FR**

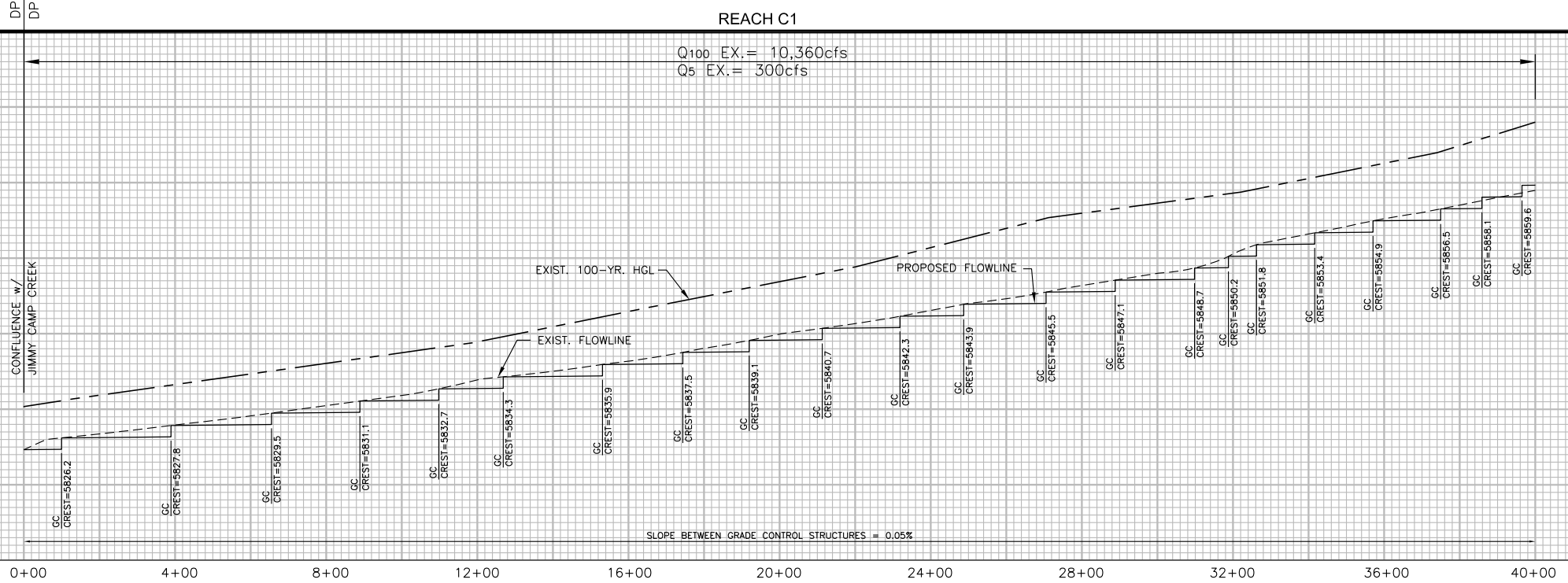


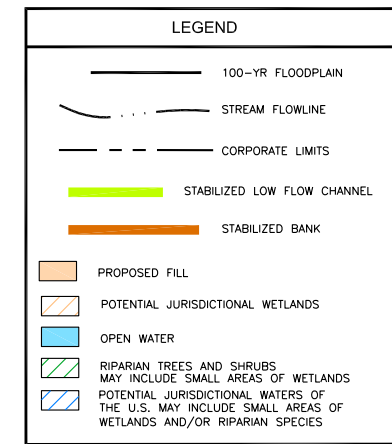
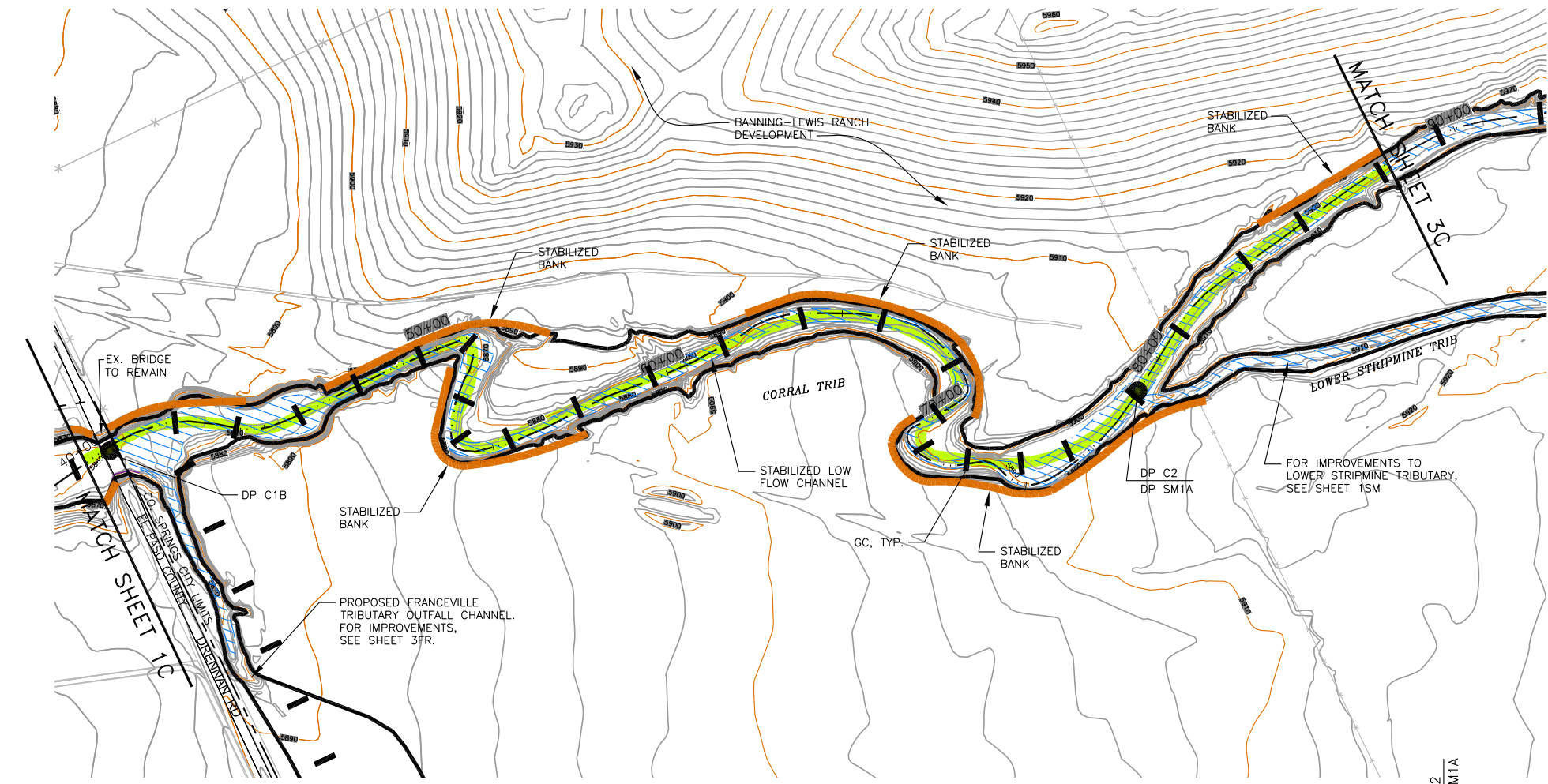
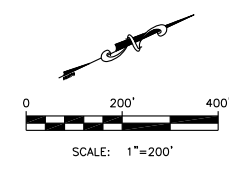
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**JIMMY CAMP CREEK DRAINAGE BASIN PLANNING STUDY**  
**CORRAL TRIBUTARY**  
CONCEPTUAL DESIGN PLAN & PROFILE  
CITY OF COLORADO SPRINGS, COLORADO

Project No.: 14008  
Date: OCTOBER 2014  
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Check: RNW  
Revisions:

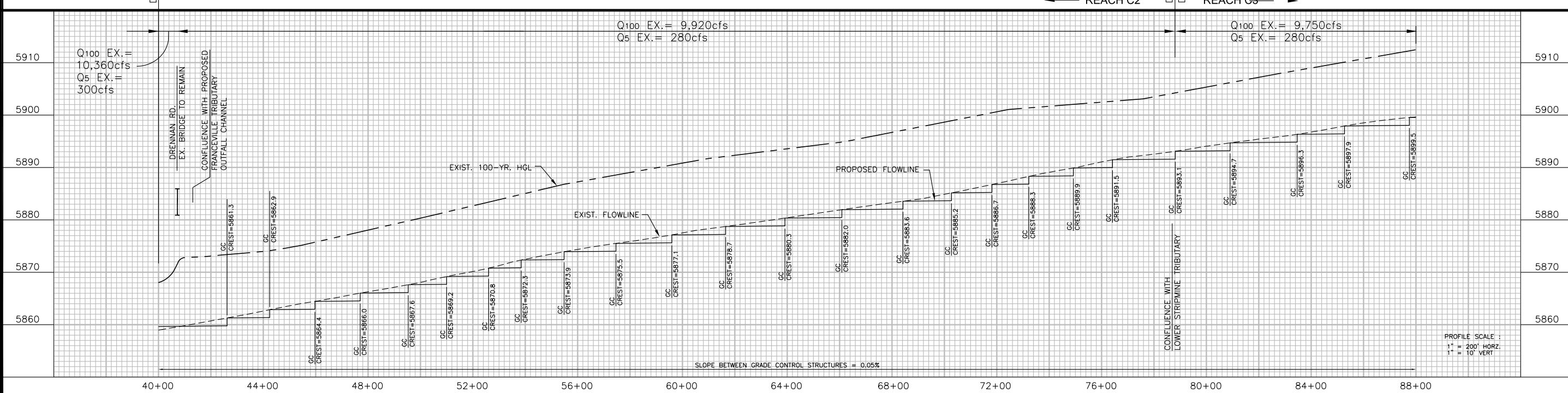




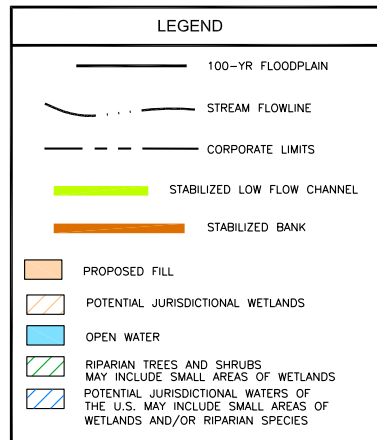
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DP C1B ← REACH C2 DP C2 DP SM1A REACH C3 →

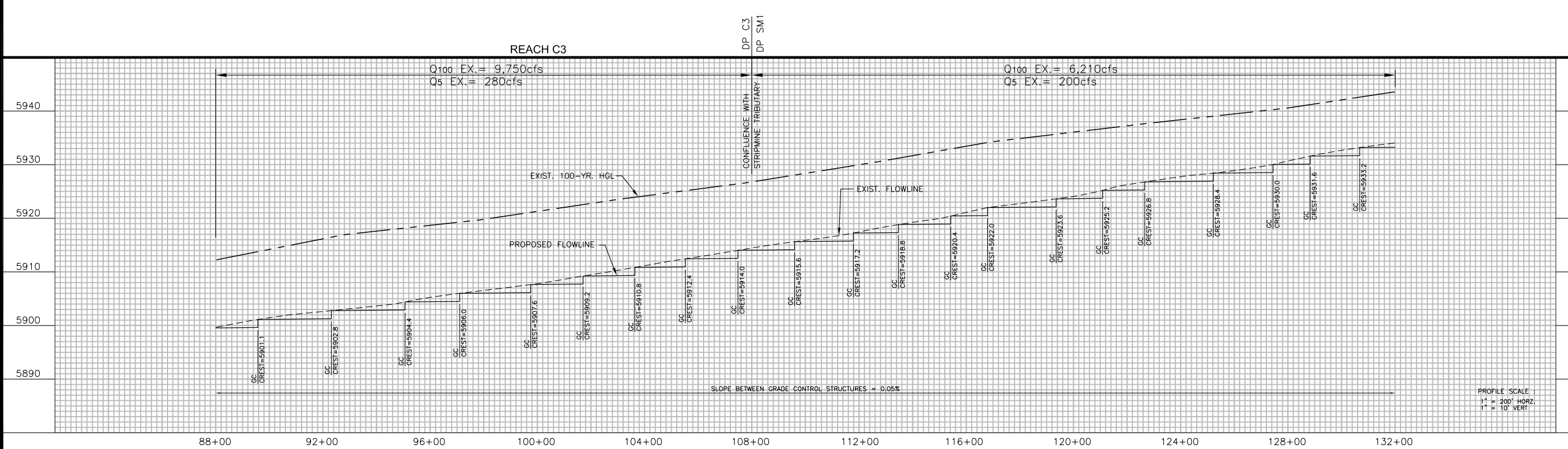
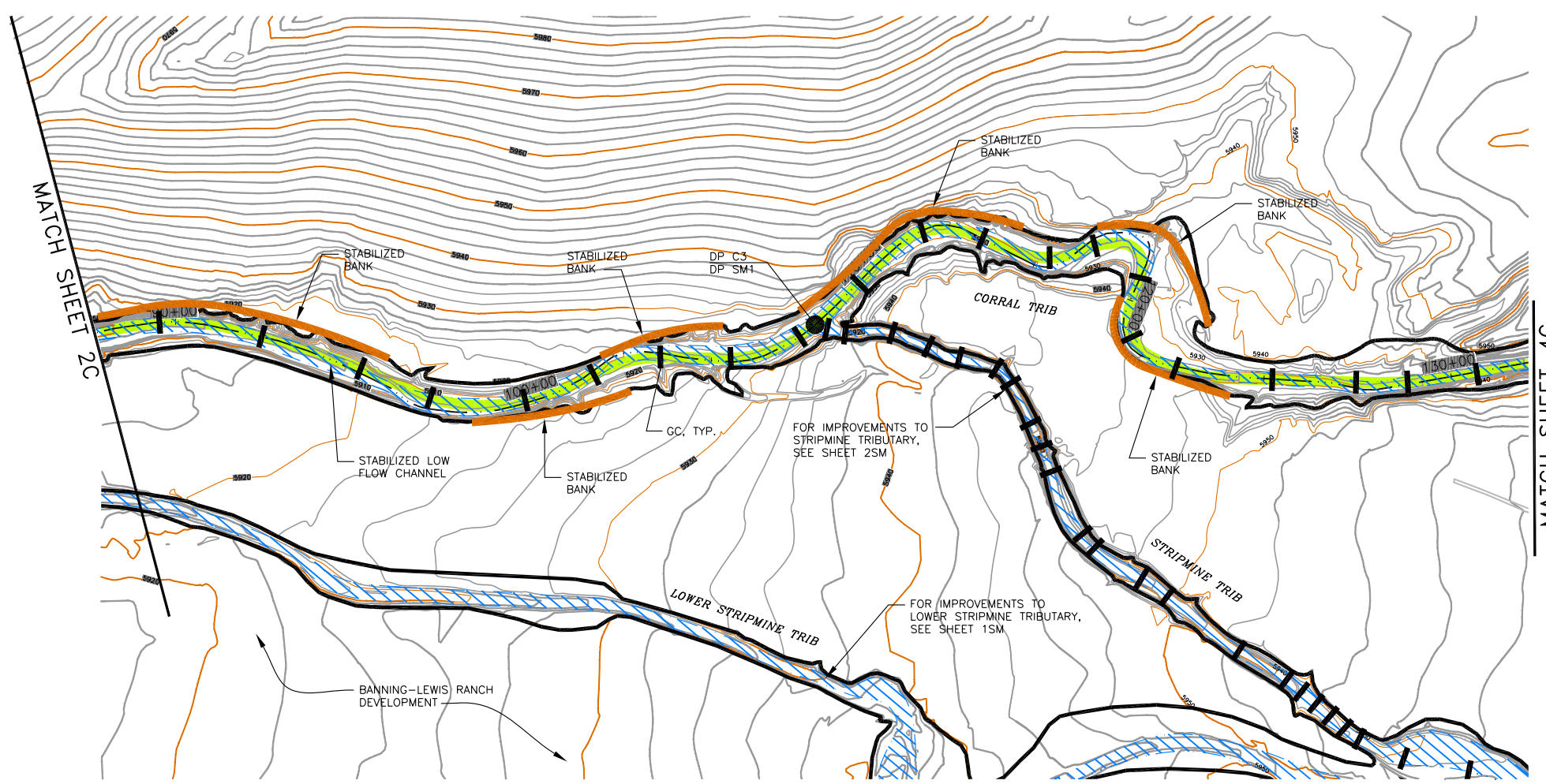
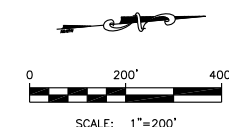


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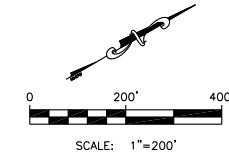


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**3C**

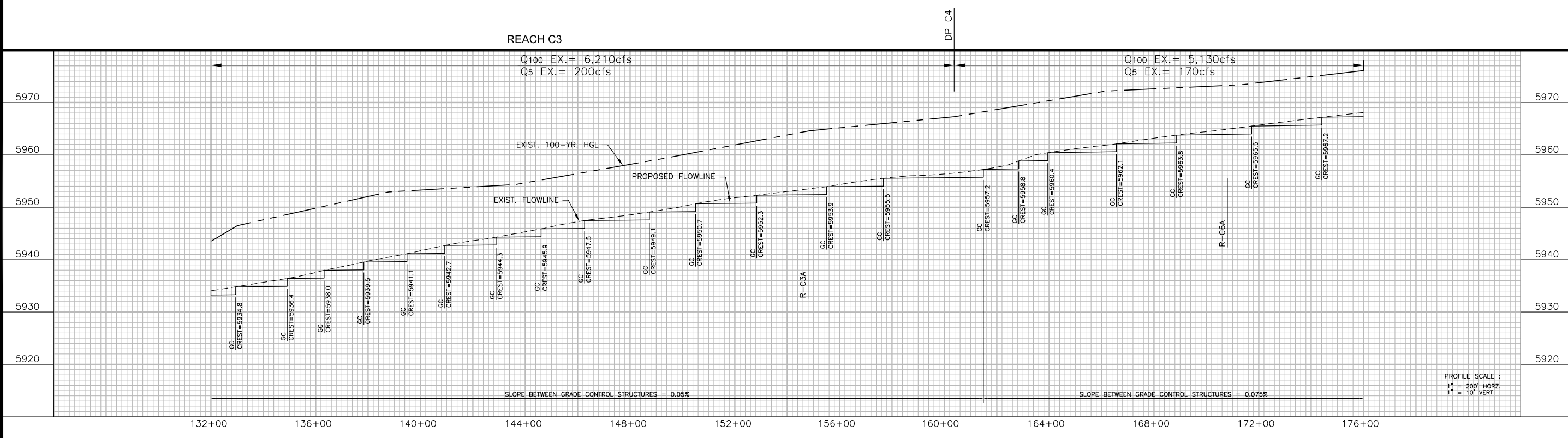
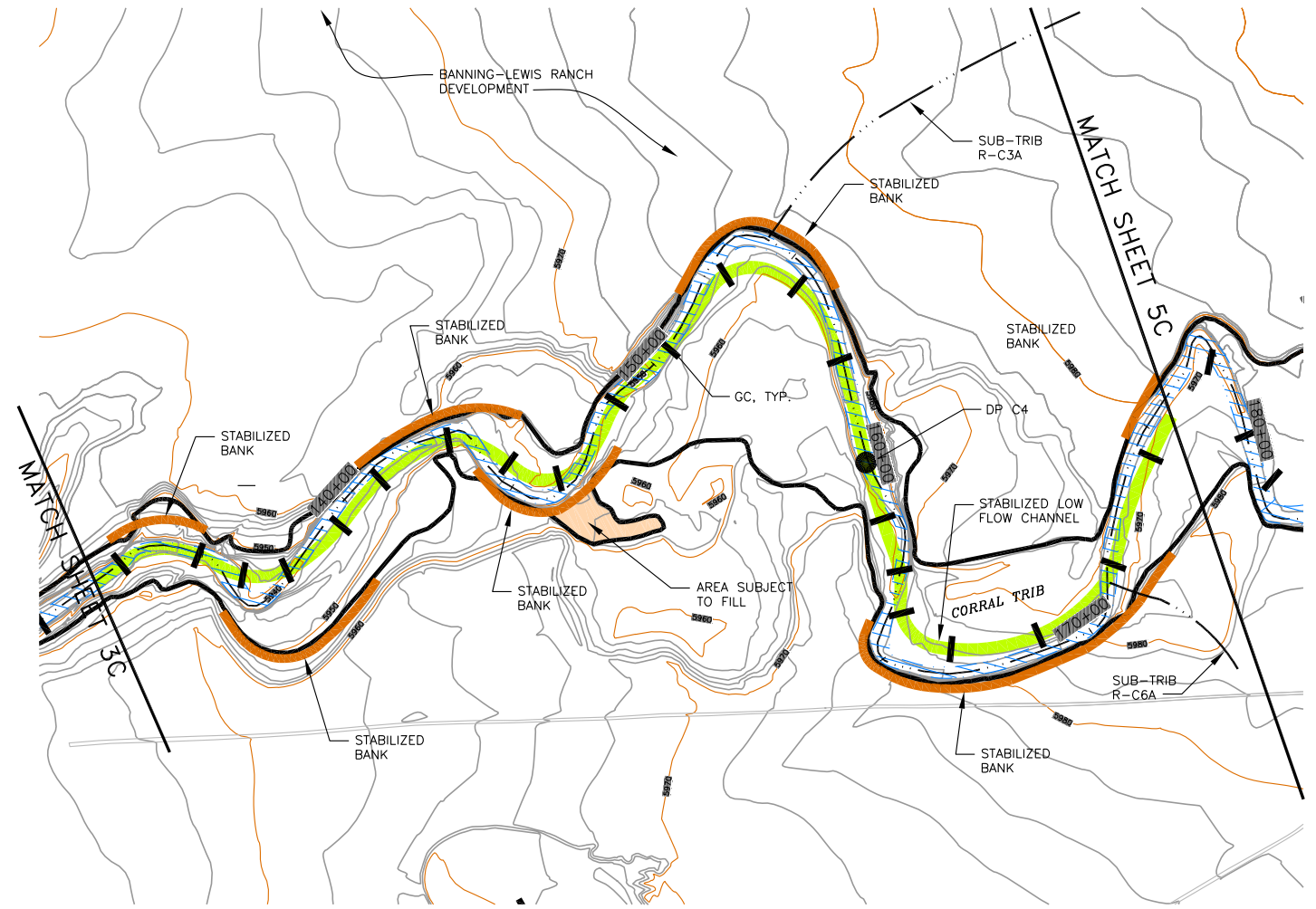


LEGEND	
	100-YR FLOODPLAIN
	STREAM FLOWLINE
	CORPORATE LIMITS
	STABILIZED LOW FLOW CHANNEL
	STABILIZED BANK
	PROPOSED FILL
	POTENTIAL JURISDICTIONAL WETLANDS
	OPEN WATER
	RIPARIAN TREES AND SHRUBS MAY INCLUDE SMALL AREAS OF WETLANDS
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DISCHARGES UPSTREAM OF DP C4 HAD NO AREA ADJUSTMENT APPLIED

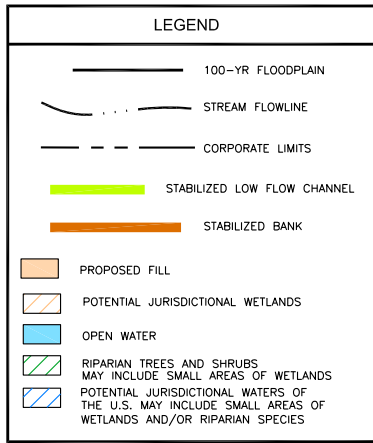


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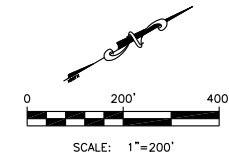
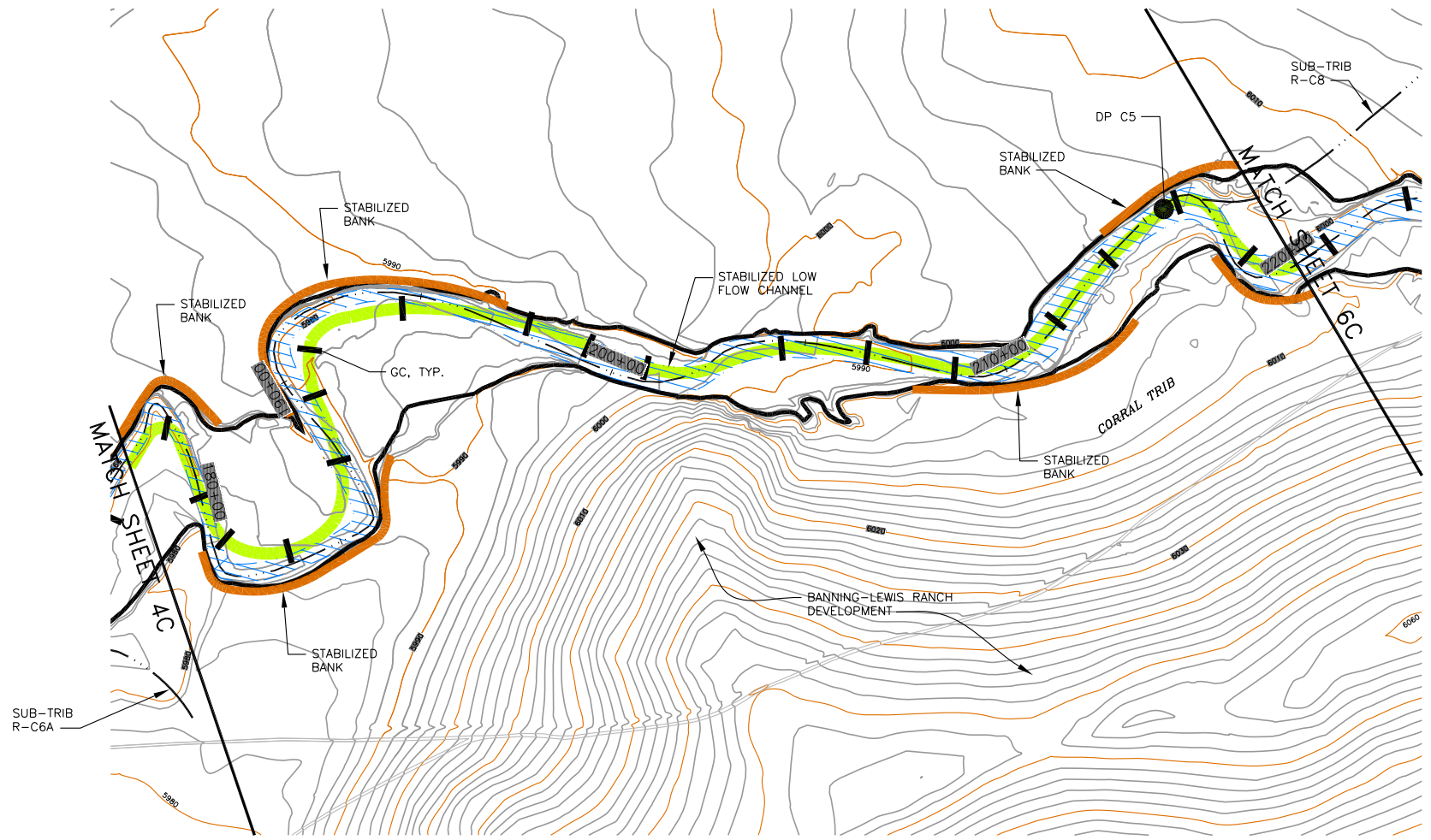
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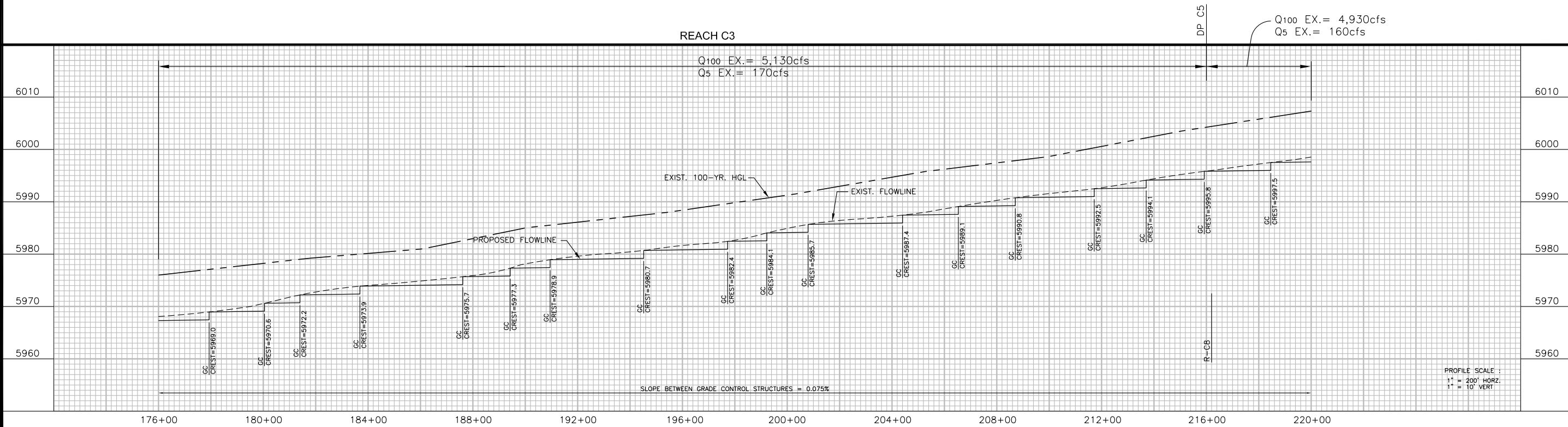
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DISCHARGES UPSTREAM OF DP C4 HAD NO AREA ADJUSTMENT APPLIED



REACH C3



Project No.:	14008
Date:	OCTOBER 2014
Design:	RNW
Drawn:	JLN
Check:	RNW
Revisions:	

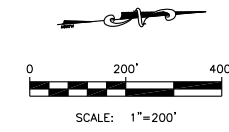
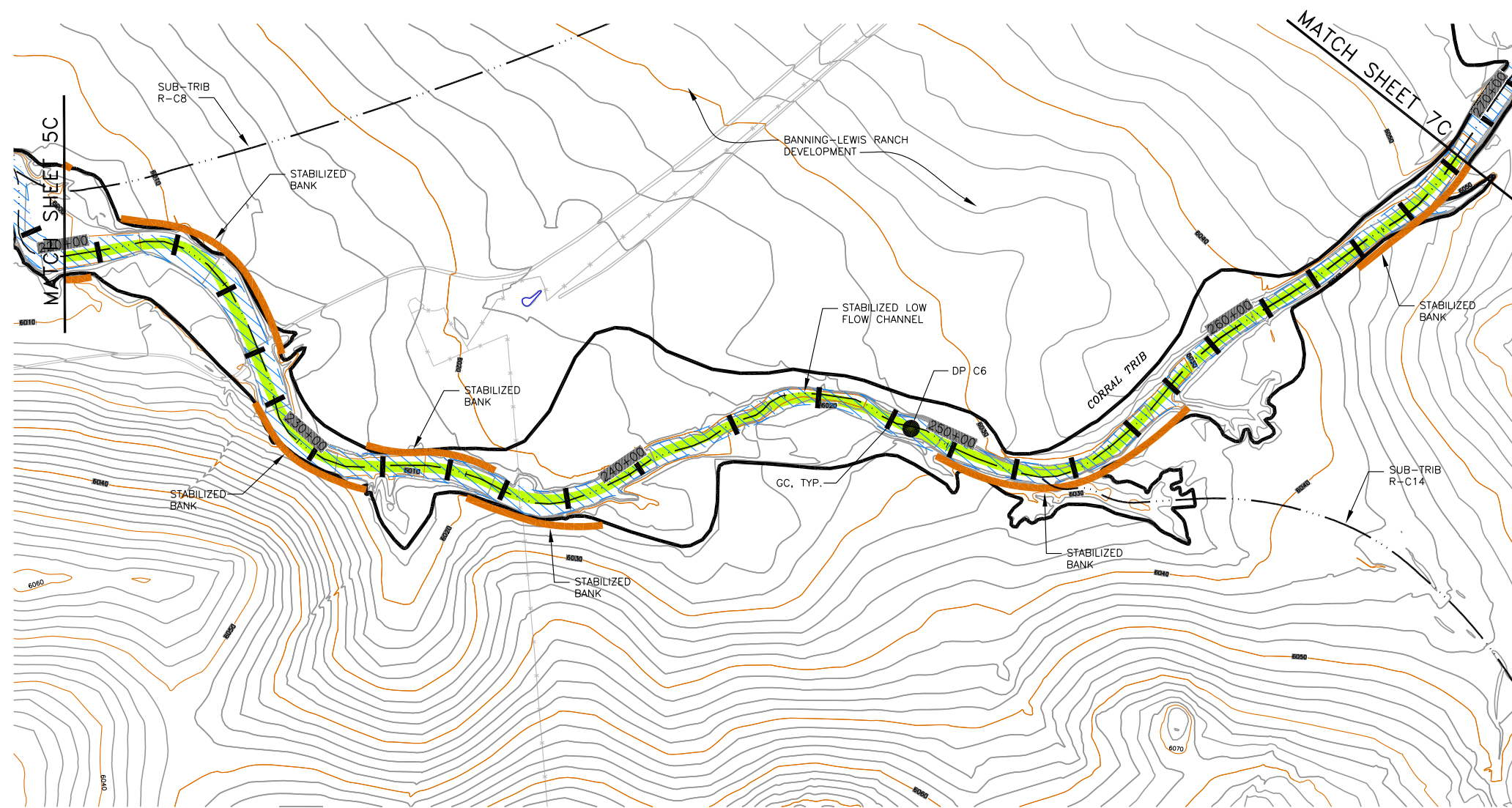
**LEGEND**

- 100-YR FLOODPLAIN
- STREAM FLOWLINE
- - - CORPORATE LIMITS
- STABILIZED LOW FLOW CHANNEL
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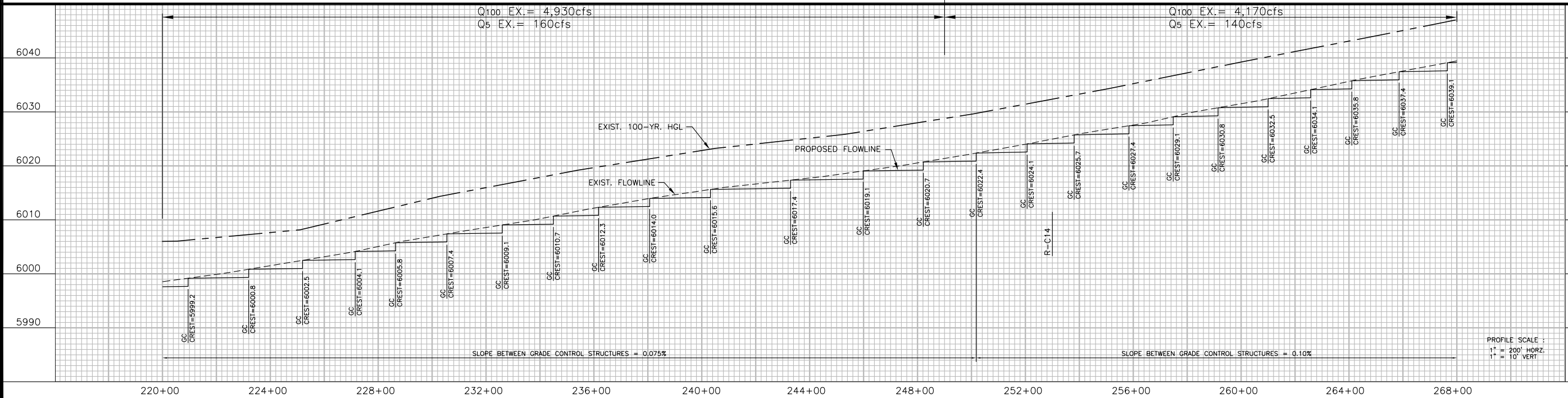
DISCHARGES UPSTREAM OF DP C4 HAD NO AREA ADJUSTMENT APPLIED



**REACH C3**

Q<sub>100</sub> EX. = 4,930cfs  
Q<sub>5</sub> EX. = 160cfs

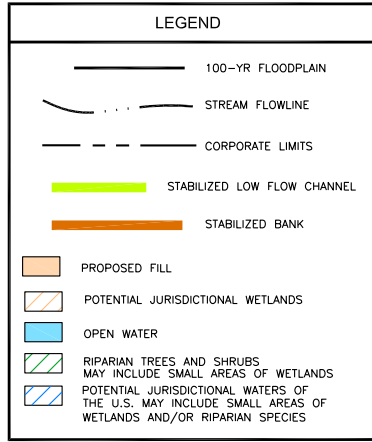
Q<sub>100</sub> EX. = 4,170cfs  
Q<sub>5</sub> EX. = 140cfs



PROFILE SCALE :  
1" = 200' HORIZ.  
1" = 10' VERT.

Project No.:	14008
Date:	OCTOBER 2014
Design:	RNW
Drawn:	JLN/MFA
Check:	RNW
Revisions:	

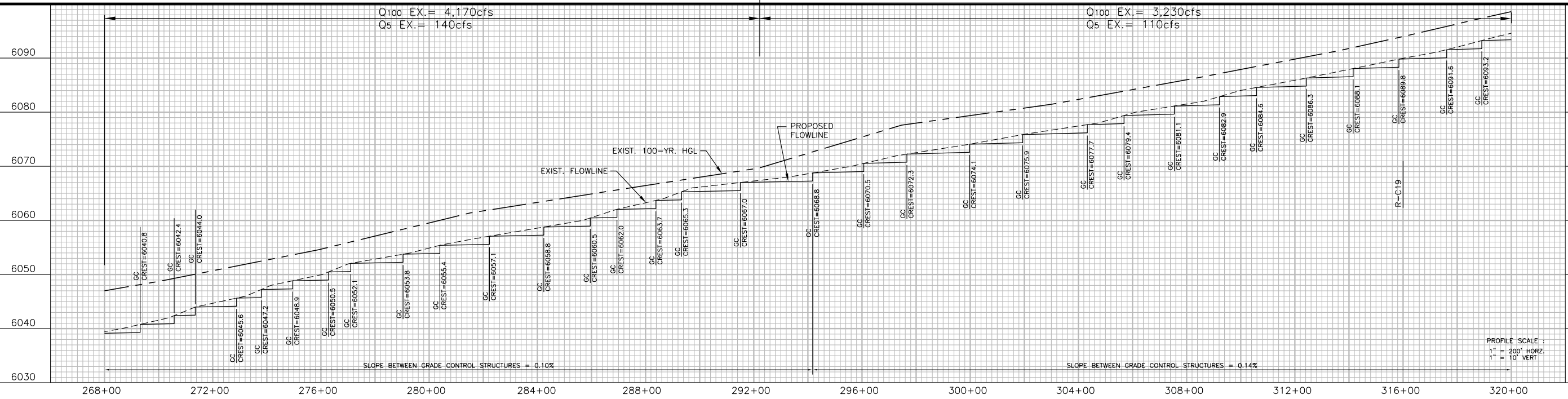
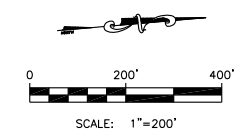
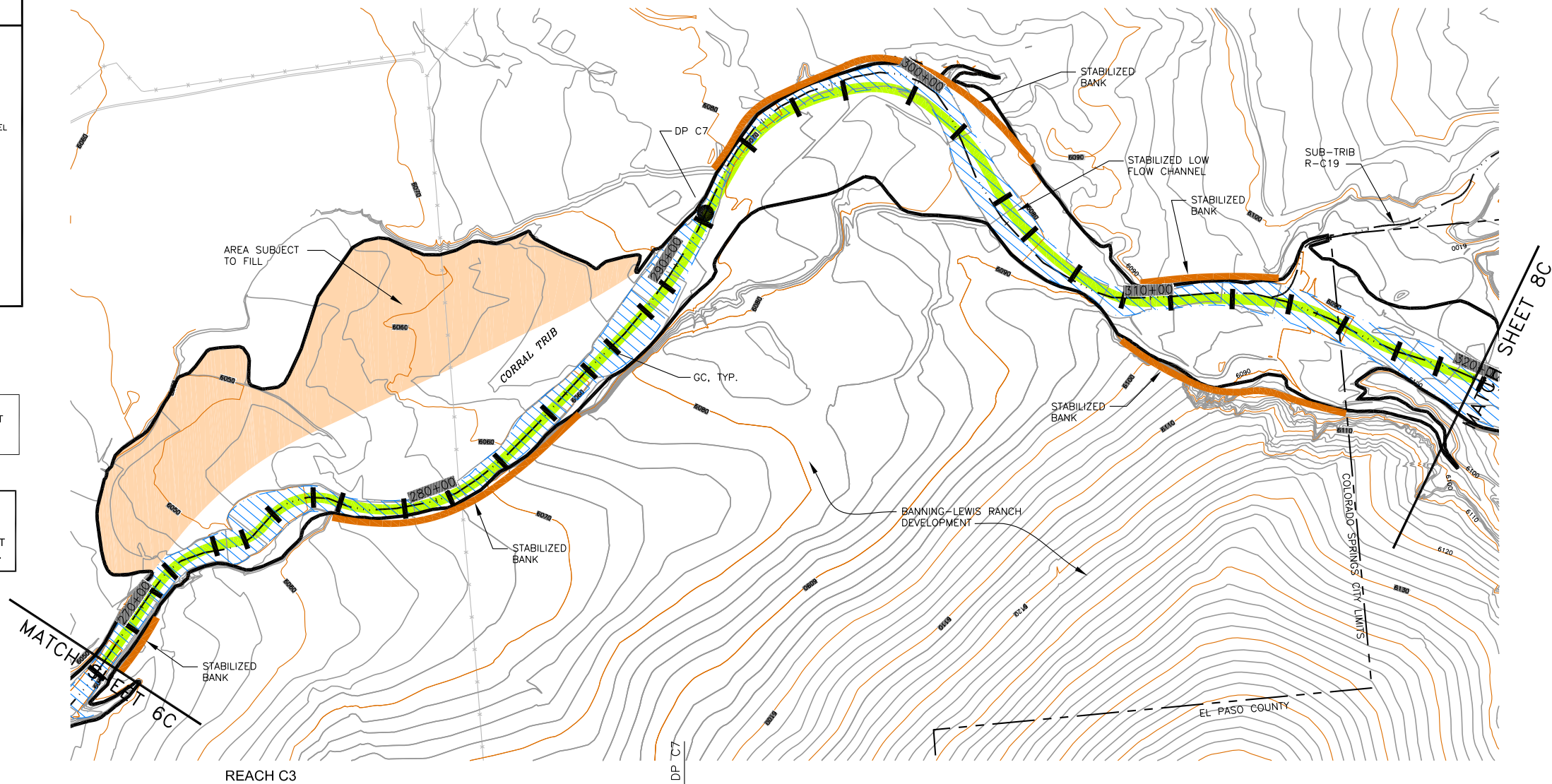




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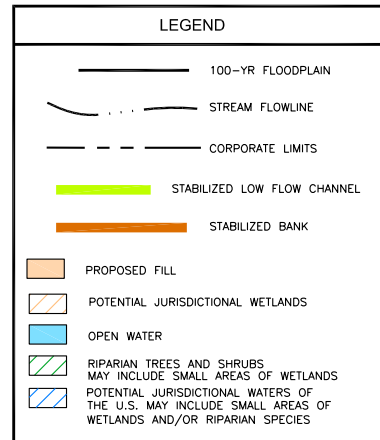


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JIMMY CAMP CREEK DRAINAGE BASIN PLANNING STUDY  
CORRAL TRIBUTARY  
CONCEPTUAL DESIGN PLAN & PROFILE  
CITY OF COLORADO SPRINGS, COLORADO

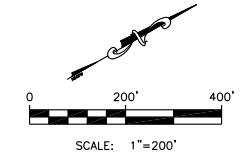
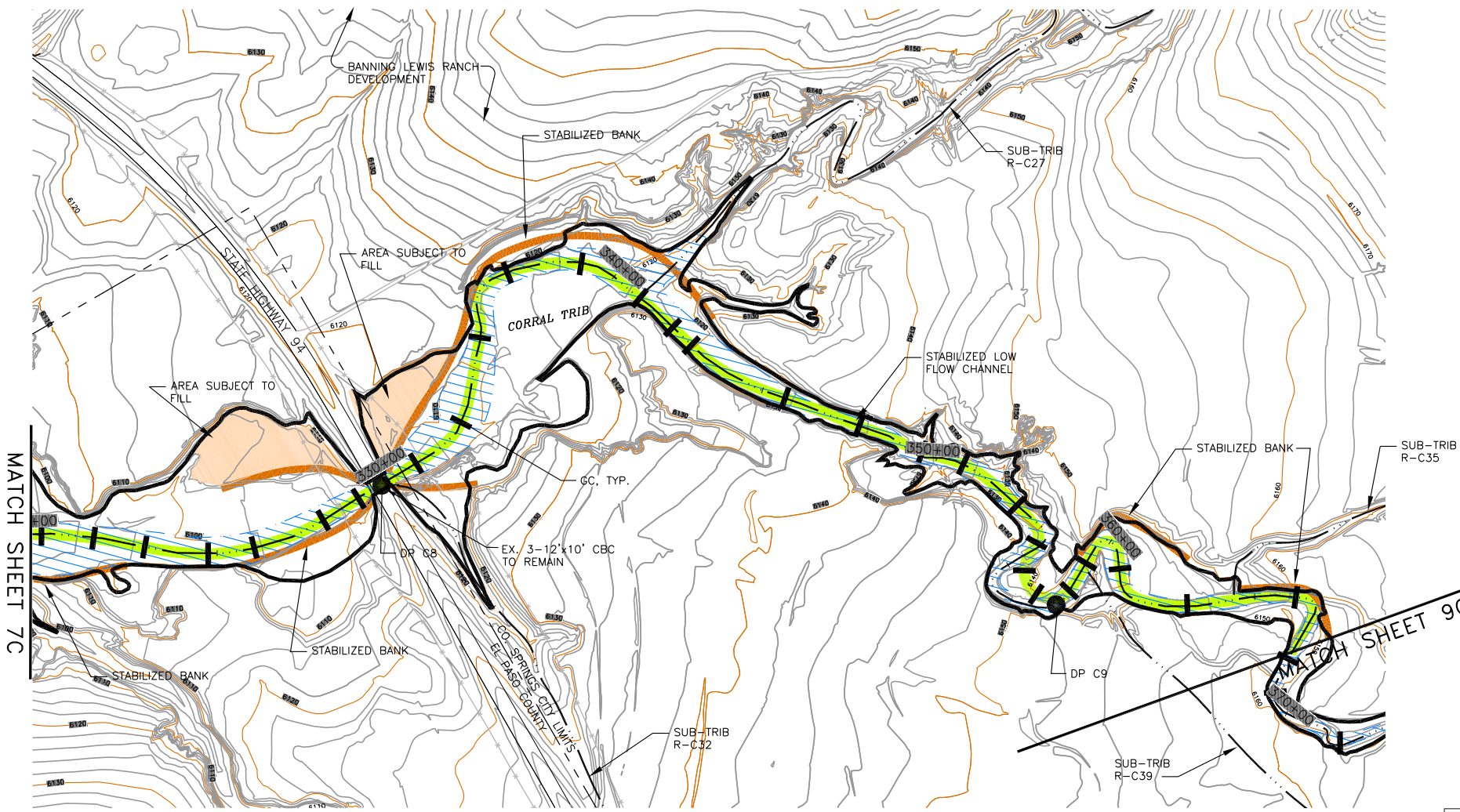
Project No.: 14008  
Date: OCTOBER 2014  
Design: RNW  
Drawn: JLN/MFA  
Check: RNW  
Revisions:

7C



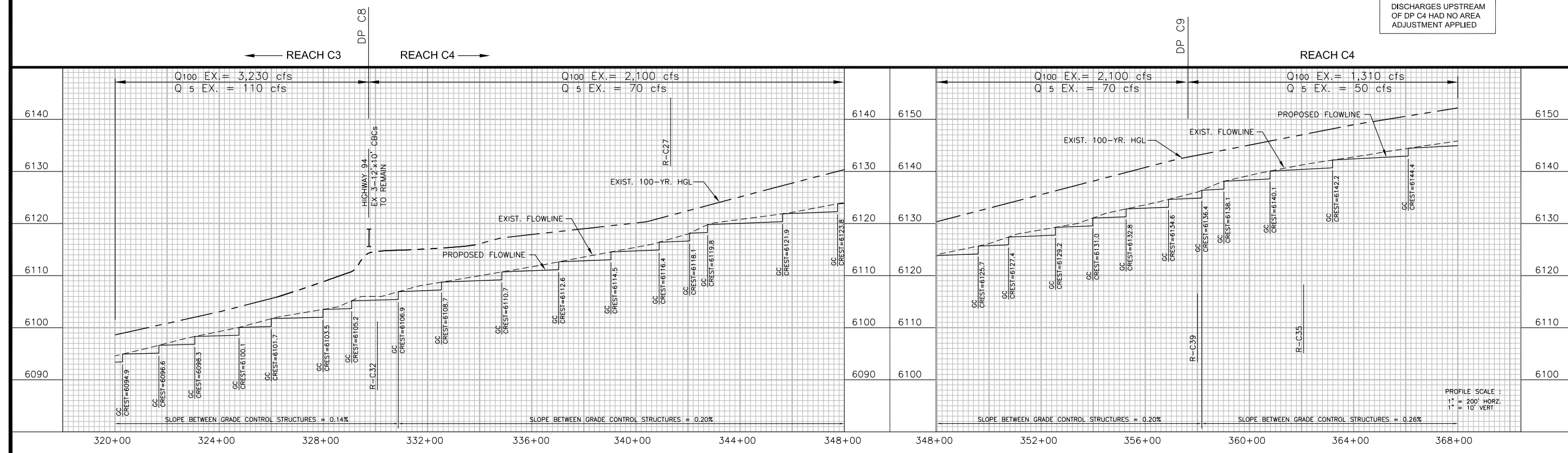
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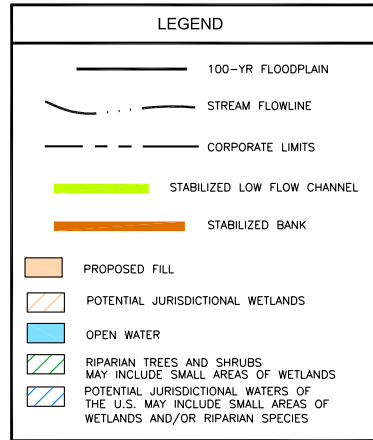
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DISCHARGES UPSTREAM OF DP C4 HAD NO AREA ADJUSTMENT APPLIED

Project No.: 14008  
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Check: RNW  
Revisions:

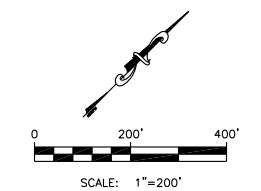
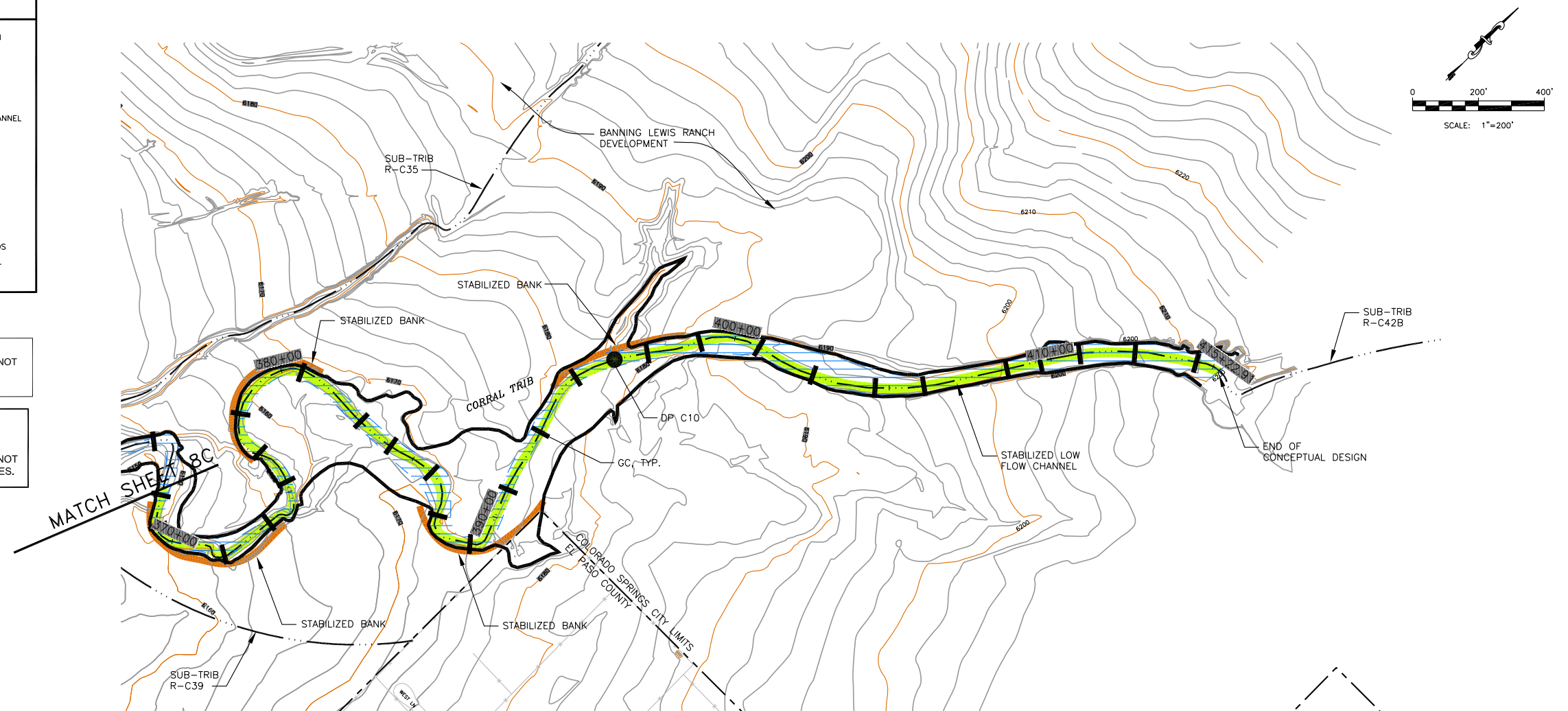
**8C**



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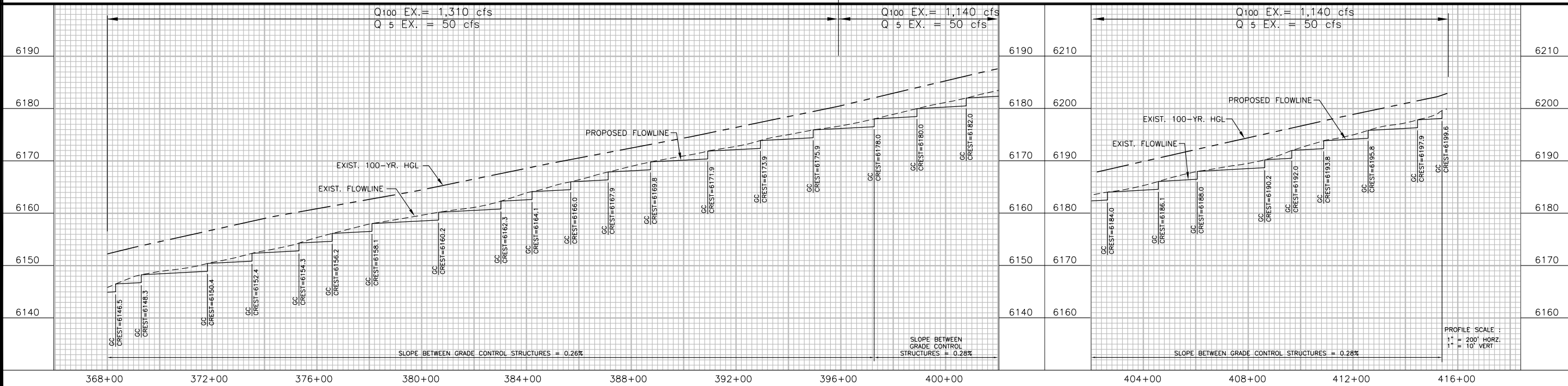
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DISCHARGES UPSTREAM OF DP C4 HAD NO AREA ADJUSTMENT APPLIED



REACH C4

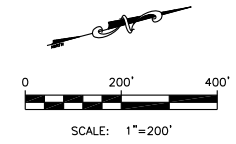
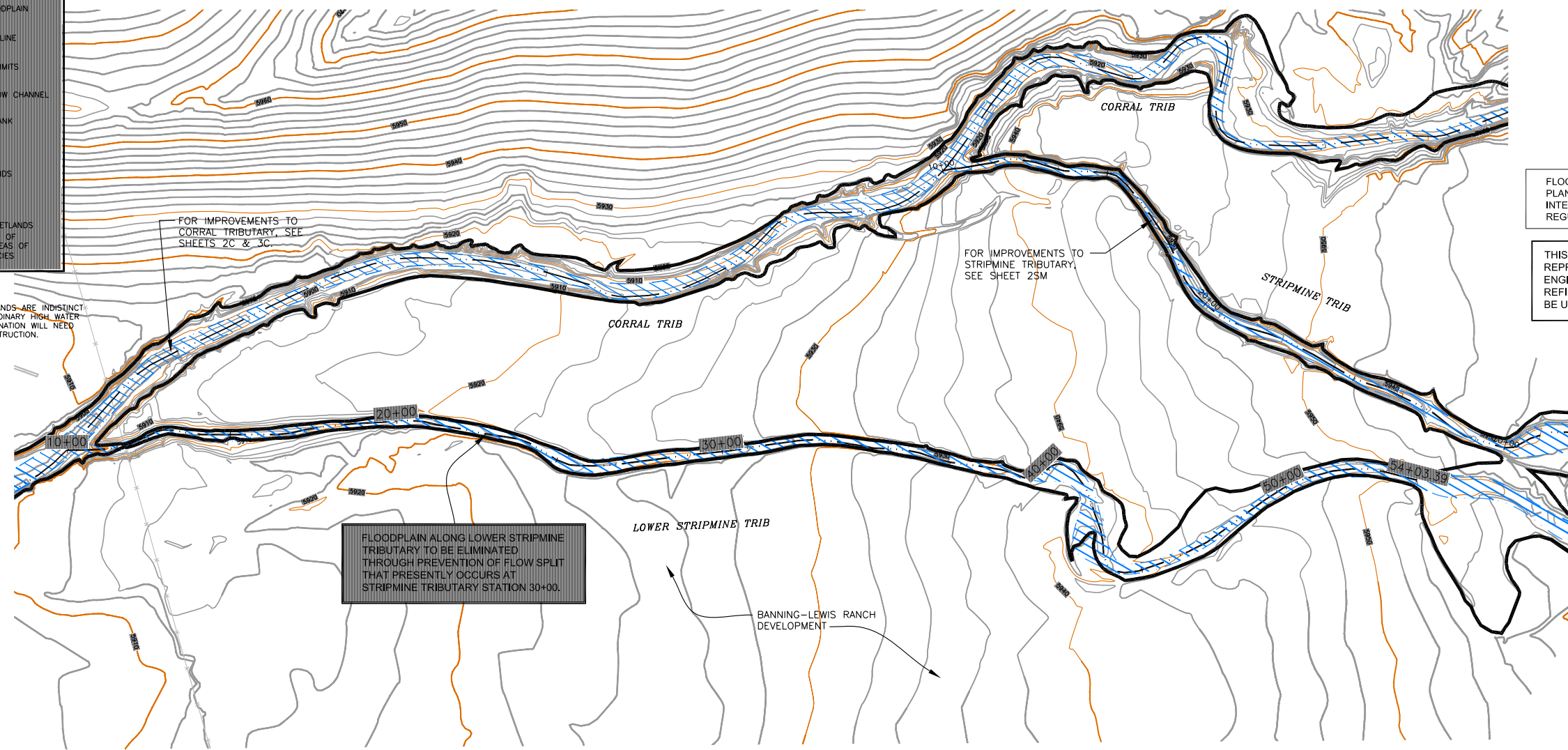
REACH C4



**LEGEND**

- 100-YR FLOODPLAIN
- STREAM FLOWLINE
- CORPORATE LIMITS
- STABILIZED LOW FLOW CHANNEL
- STABILIZED BANK
- PROPOSED FILL
- POTENTIAL JURISDICTIONAL WETLANDS
- OPEN WATER
- RIPARIAN TREES AND SHRUBS MAY INCLUDE SMALL AREAS OF WETLANDS
- POTENTIAL JURISDICTIONAL WATERS OF THE U.S. MAY INCLUDE SMALL AREAS OF WETLANDS AND/OR RIPARIAN SPECIES

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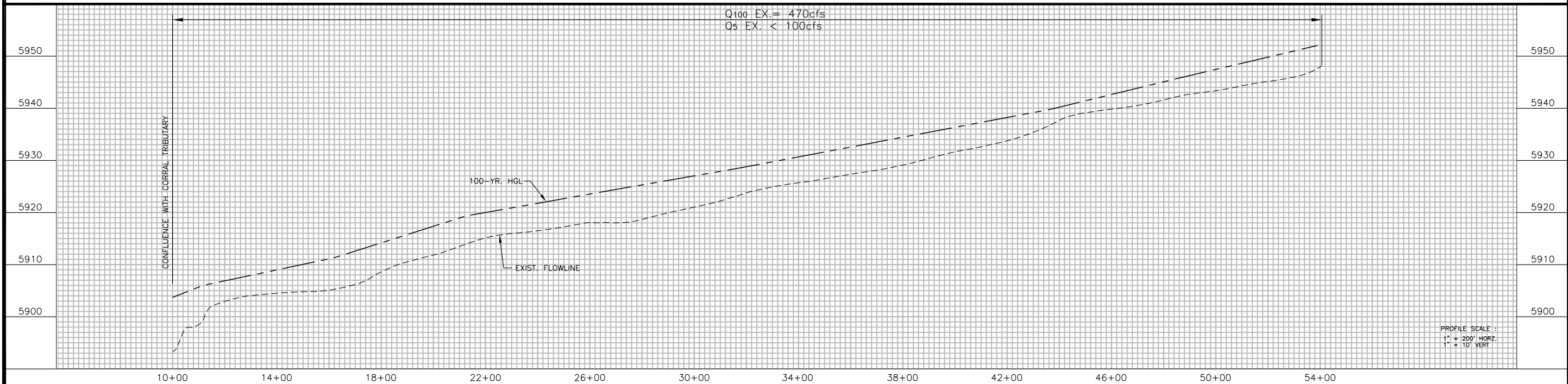


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**REACH S1**

Q100 EX. = 470cfs  
Q5 EX. < 100cfs



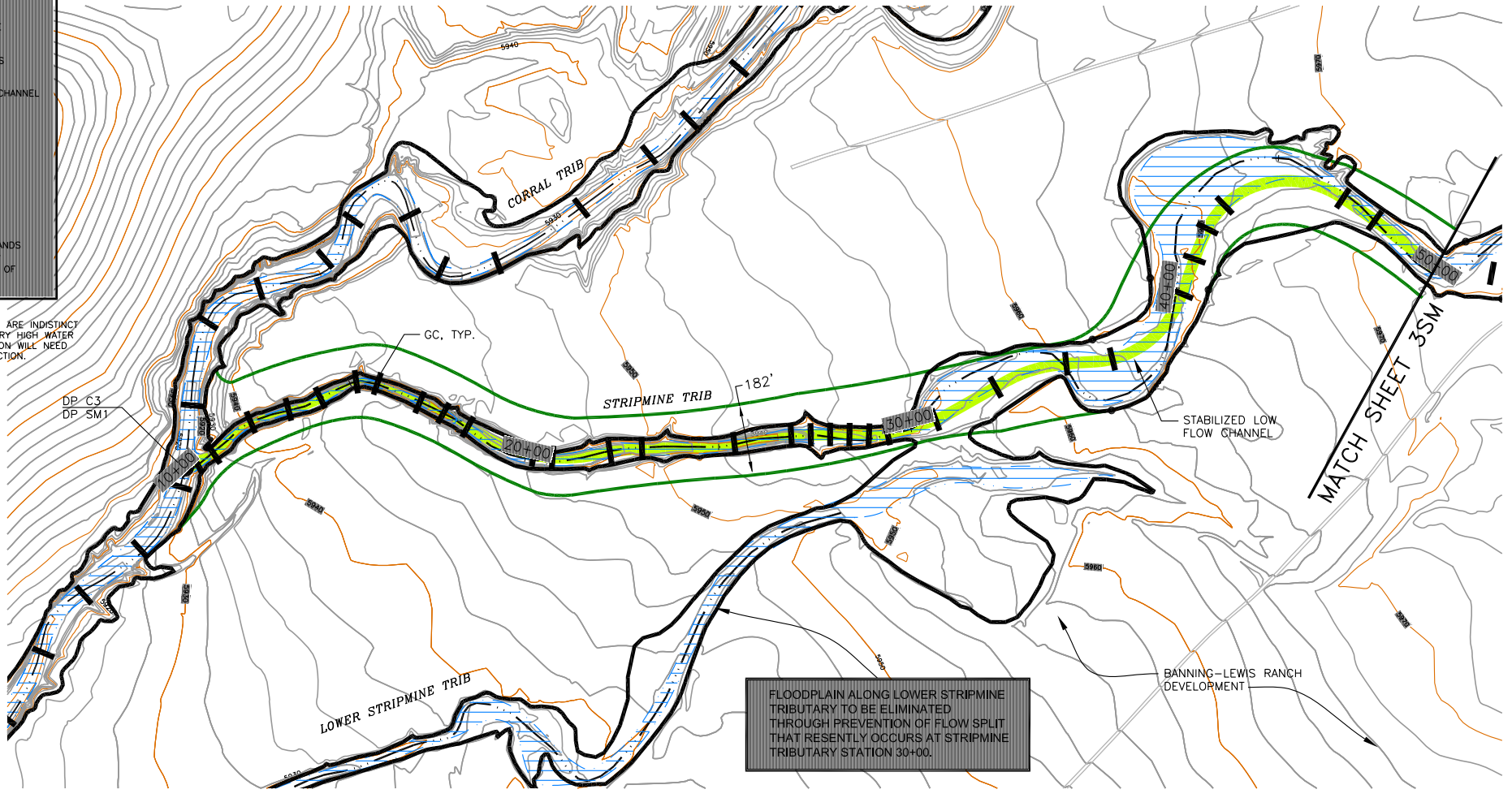
PROFILE SCALE :  
1" = 200' HORZ.  
1" = 10' VERT

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**LEGEND**

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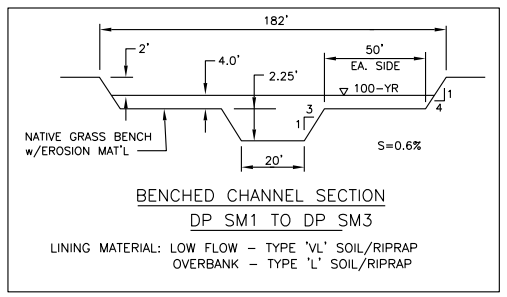


FLOODPLAIN ALONG LOWER STRIPMINE TRIBUTARY TO BE ELIMINATED THROUGH PREVENTION OF FLOW SPLIT THAT RESENTLY OCCURS AT STRIPMINE TRIBUTARY STATION 30+00.

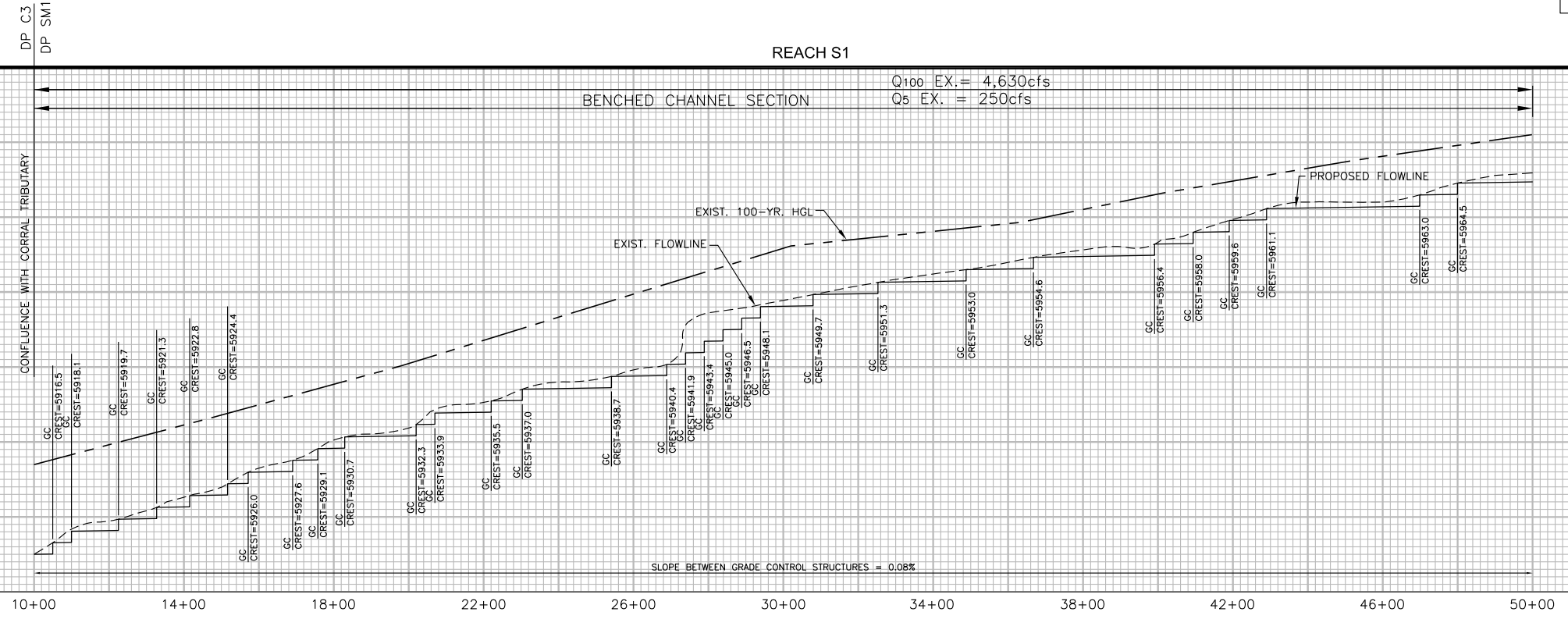
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LINING MATERIAL: LOW FLOW - TYPE 'VL' SOIL/RIPRAP  
OVERBANK - TYPE 'L' SOIL/RIPRAP

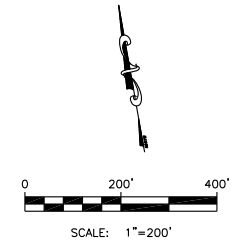
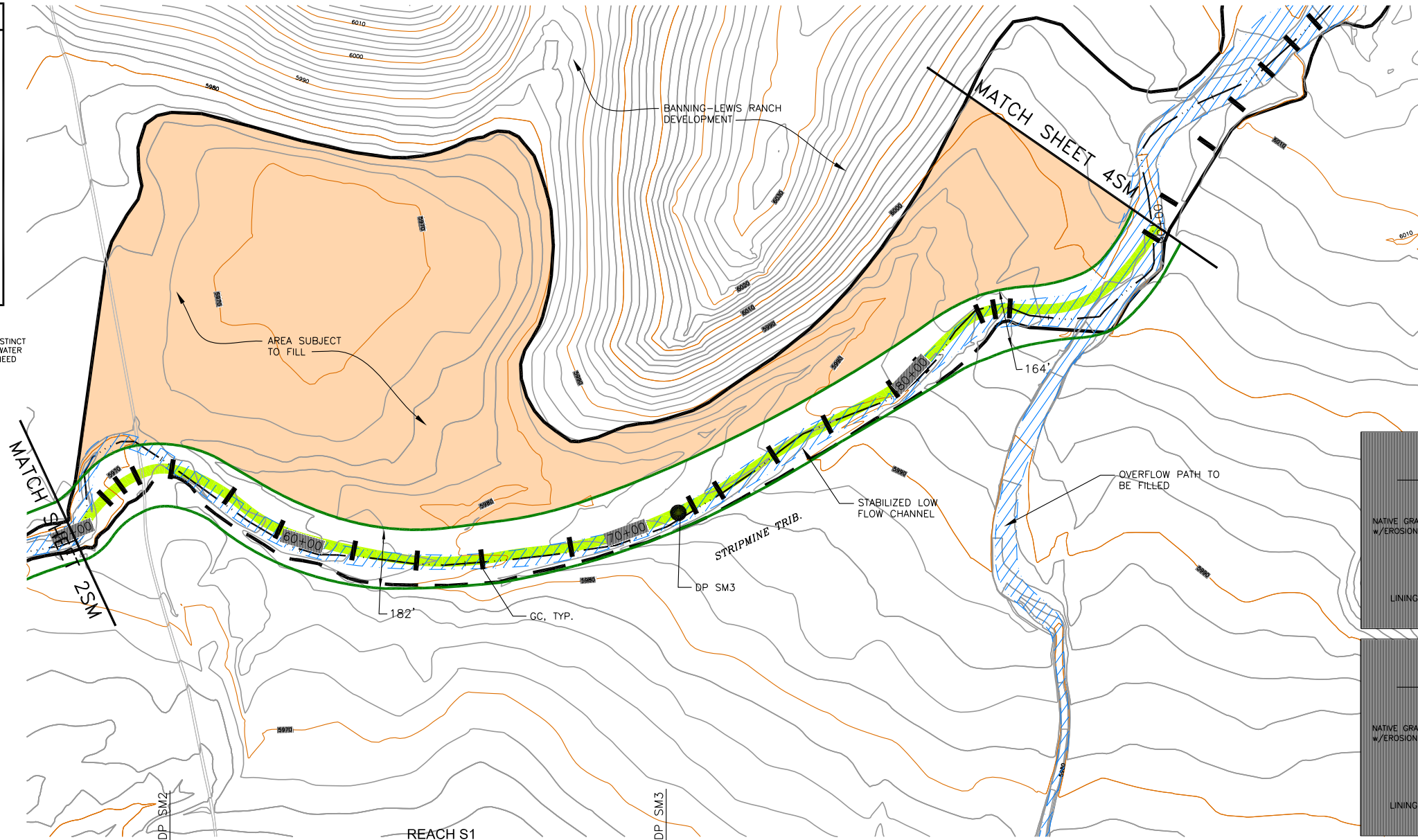


PROFILE SCALE :  
1" = 200' HORZ.  
1" = 10' VERT

**LEGEND**

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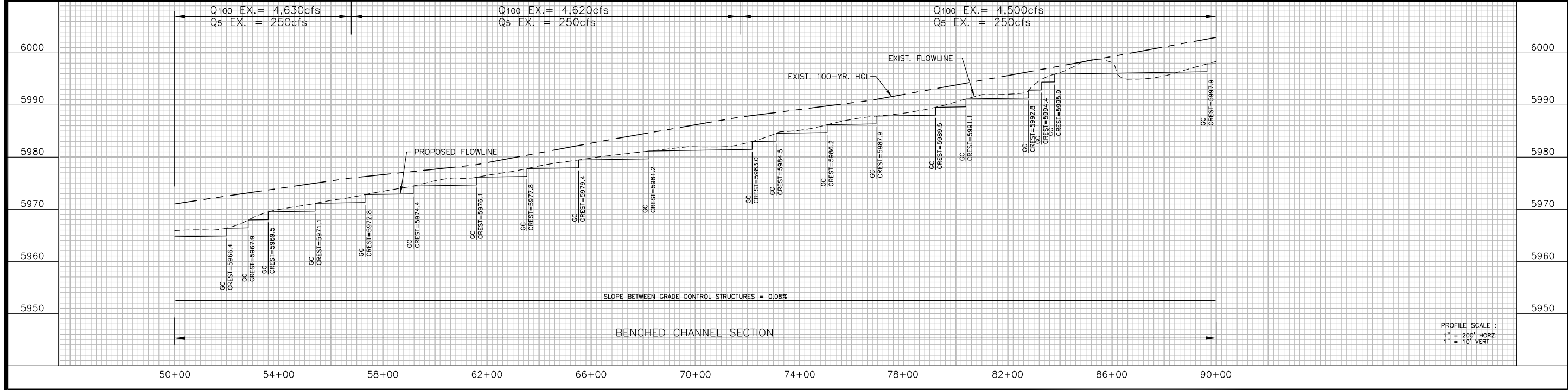
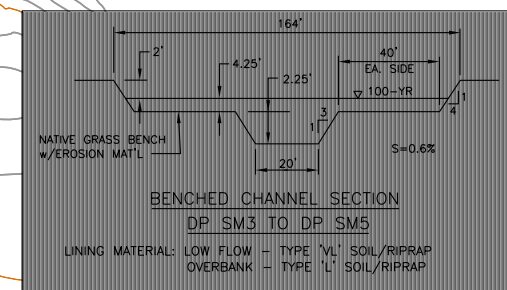
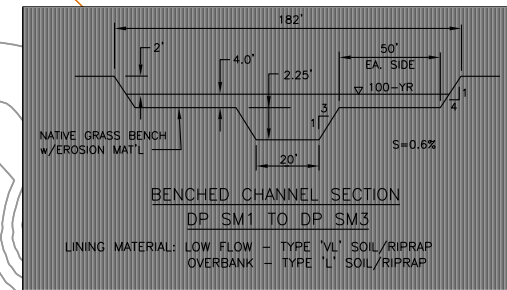
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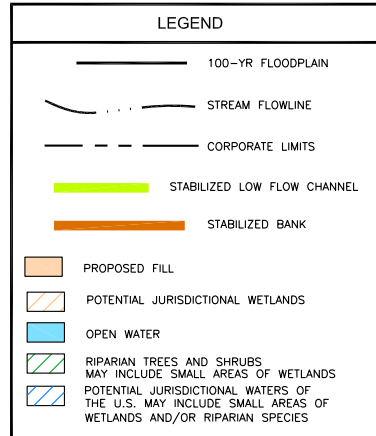


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STRIPMINE TRIBUTARY  
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Revisions:	

SHEET  
**3ST**  
OF X SHEETS

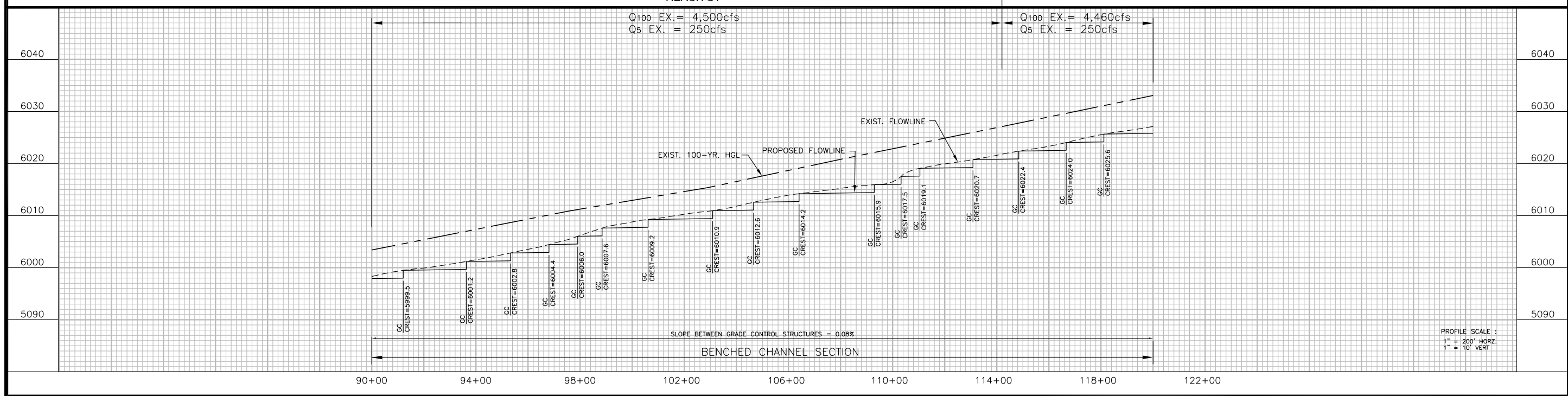
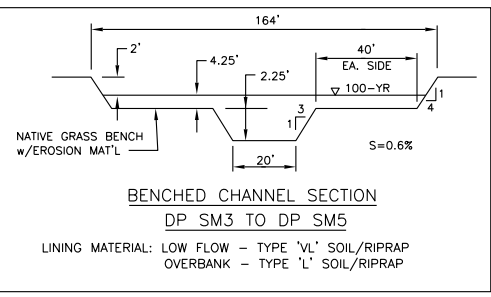
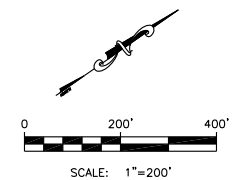
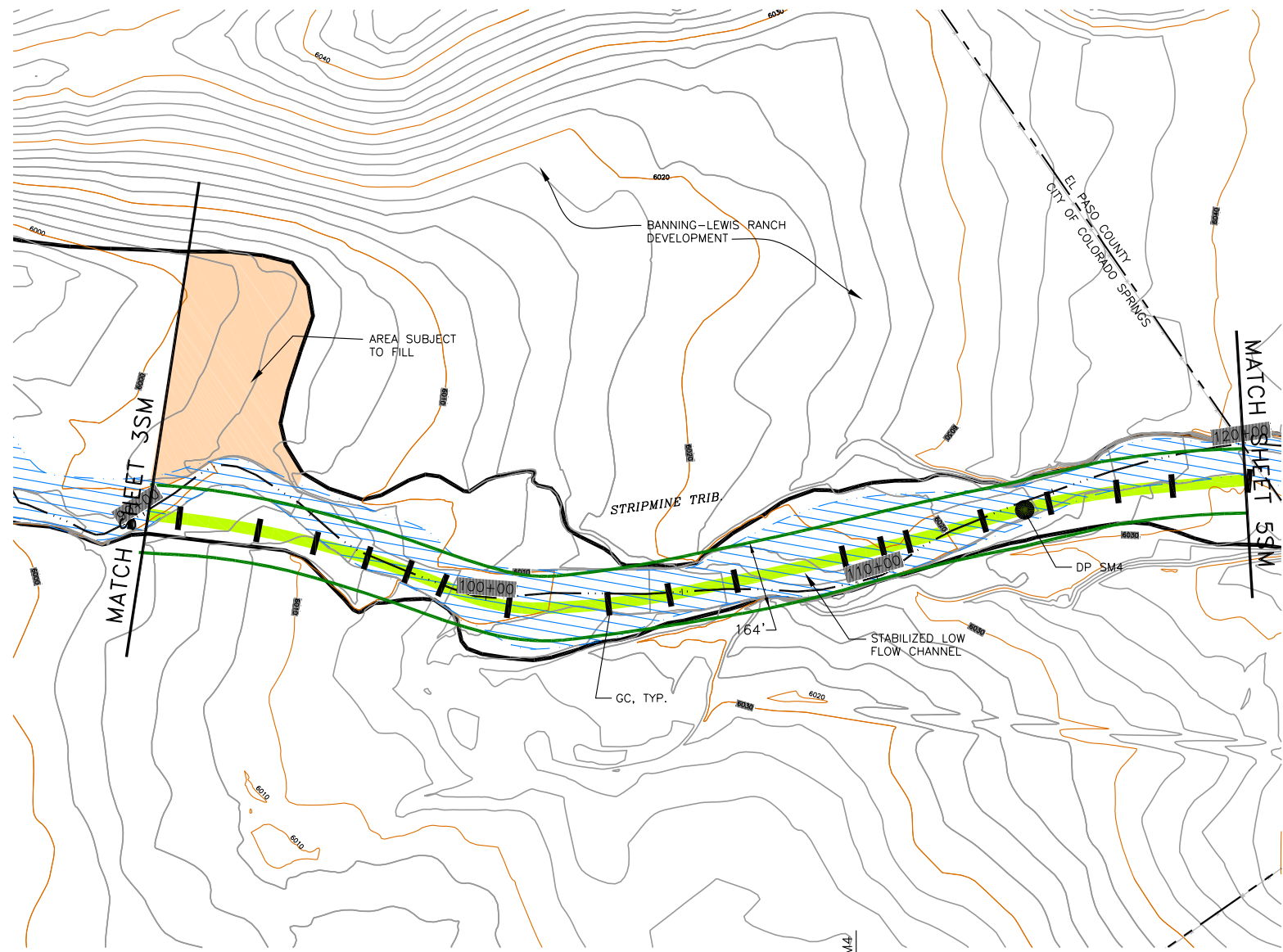


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Revisions:	

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**4ST**  
OF X SHEETS

**LEGEND**

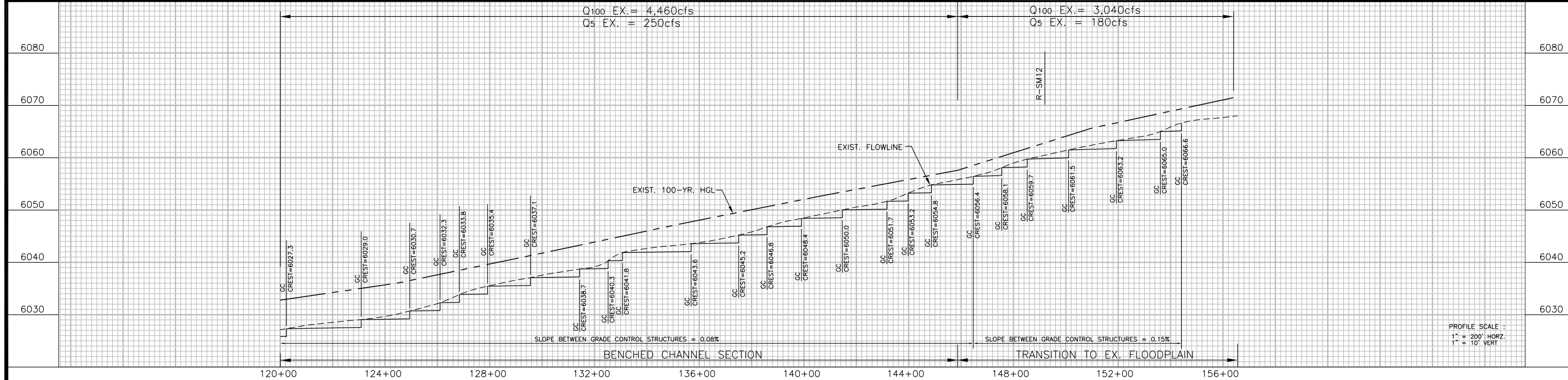
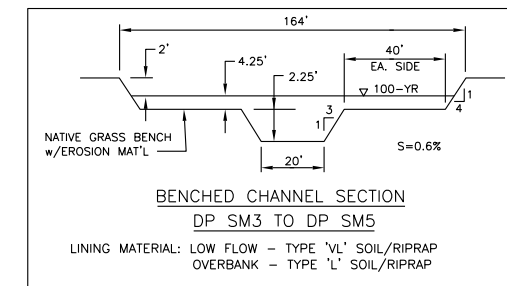
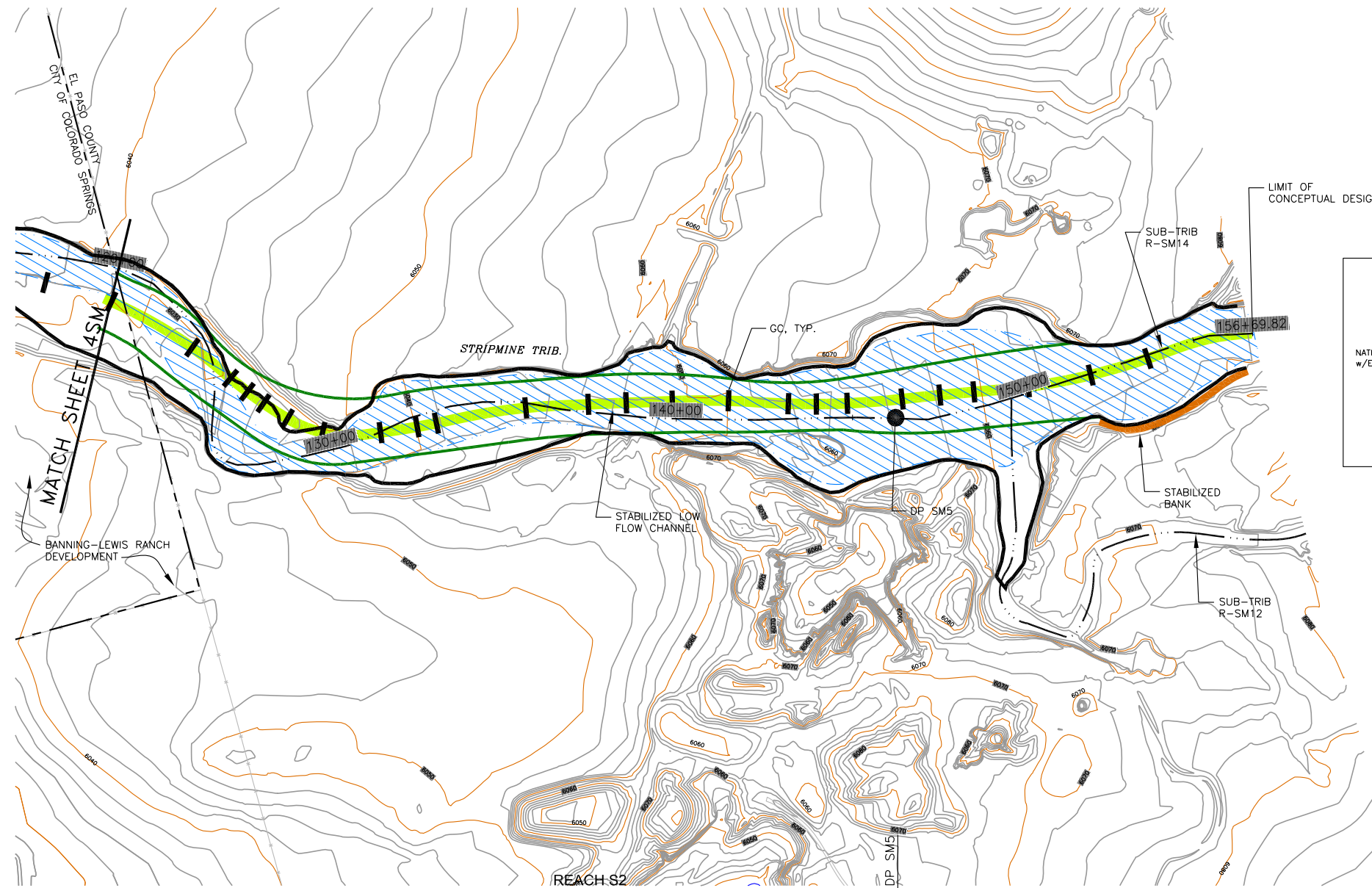
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