



STATE OF COLORADO

Gibson - DNR, Amber <amber.gibson@state.co.us>

Follow up objections from the Keirnes group

Gibson - DNR, Amber <amber.gibson@state.co.us>
To: Tim Naylor <tnaylor@agpros.com>
Cc: Scott Cockroft <srcockroft@gmail.com>

Wed, Feb 19, 2025 at 9:30 AM

Good morning,

Attached are additional concerns/objections raised by the landowners of the affected land for the Seeley Reservoir Stockpiles (M-2023-043) application, received on February 18, 2025, that will need to be addressed. The concerns are in addition to the ones forwarded on February 10, 2025.

Thank you,

Amber Michels Gibson
Environmental Protection Specialist I



COLORADO
Division of Reclamation,
Mining and Safety
Department of Natural Resources

P 720.836.0967 | F 303.832.8106 |
amber.gibson@state.co.us

Mailing: DRMS Room 215, 1001 E 62nd Ave, Denver, CO 80216
Physical: 1313 Sherman Street, Room 215, Denver, CO 80203

<https://drms.colorado.gov/>

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Follow up objections from the Keirnes group_submitted Feb 18_after adq review and phone call on Feb 6_attachm.pdf
1903K



STATE OF
COLORADO

Gibson - DNR, Amber <amber.gibson@state.co.us>

RE: Seeley Reservoir Stockpiles, File No. # M-2023-043, New 112c Application, Adequacy Review-1

charles keirnes <charles@keirnescompanies.com>
To: "Gibson - DNR, Amber" <amber.gibson@state.co.us>
Cc: "spencer@keirnesre.com" <spencer@keirnesre.com>

Tue, Feb 18, 2025 at 11:14 AM

Hi Amber,

We have an additional comment, which I noted during our call. Please see the attached, highlighting another area of concern related to the damn/structure.

Let me know if you have any questions. Thank you!

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Keirnes Comments -- Permit M2023043 Adequacy Review Additional Comments 2.18.25.pdf
1561K



Charles Keirnes
PO BOX 7
Eaton, CO, 80615
970-539-2204
Charles@keirnescompanies.com

February 18, 2025

Amber M. Gibson
Division of Reclamation, Mining and Safety
1313 Sherman Street, Room 215
Denver, CO 80203

RE: Seeley Reservoir Stockpiles, File No. M-2023-043 (Adequacy Review/Additional Application Comments)

Amber,

On behalf of the landowners of Lots' A and B of REC EXEMPT RE-5061 and Lot D of REC EXEMPT RECX15-0012, below is an additional comment/concern related to Permit # M-2023043 in relation to our noted affected properties.

1. Please see the image below, highlighting an emergency spillway that would have a detrimental impact to our property and was built in conjunction with the structure impacting our properties. I have also included via "Attachment B" the retroactively stamped plans related to this structure/area of concern noted in previous comments.



We appreciate your further consideration of our ongoing comments/questions/concerns related to the impacts this permit directly has on our subject properties. Please don't hesitate to reach out to me with any question.

Sincerely,

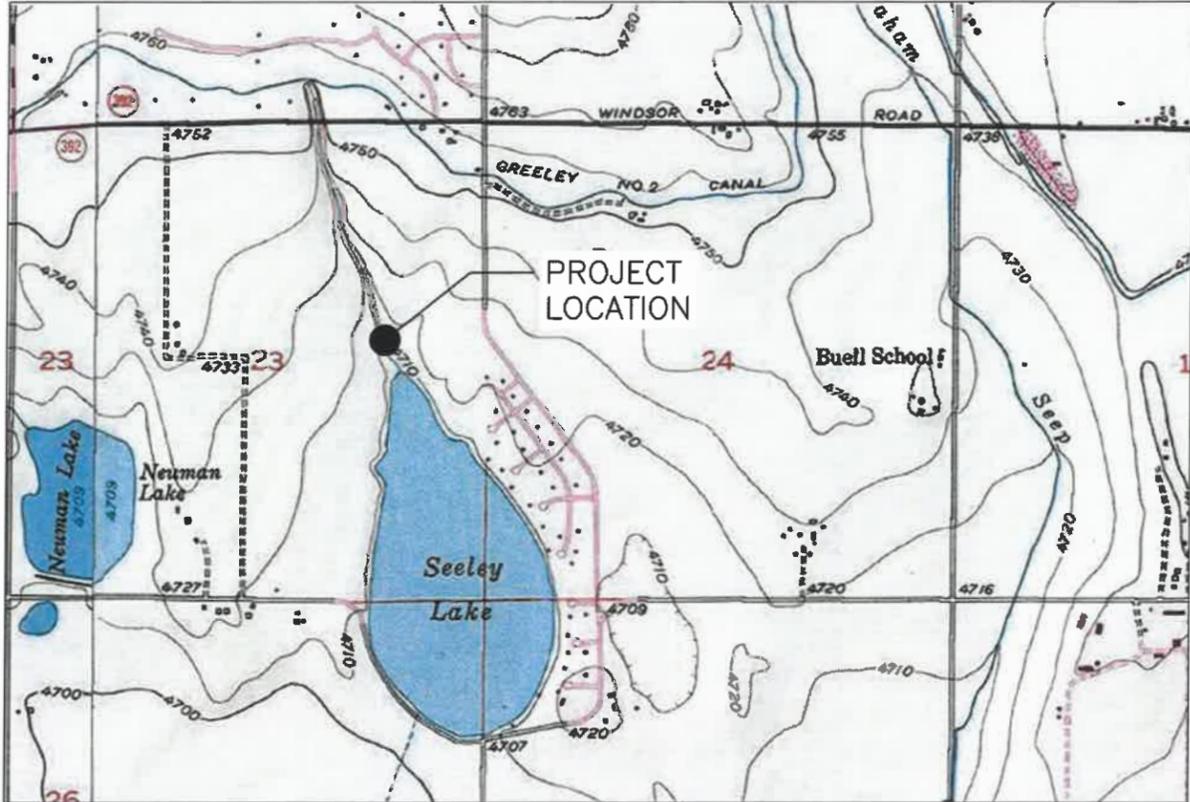
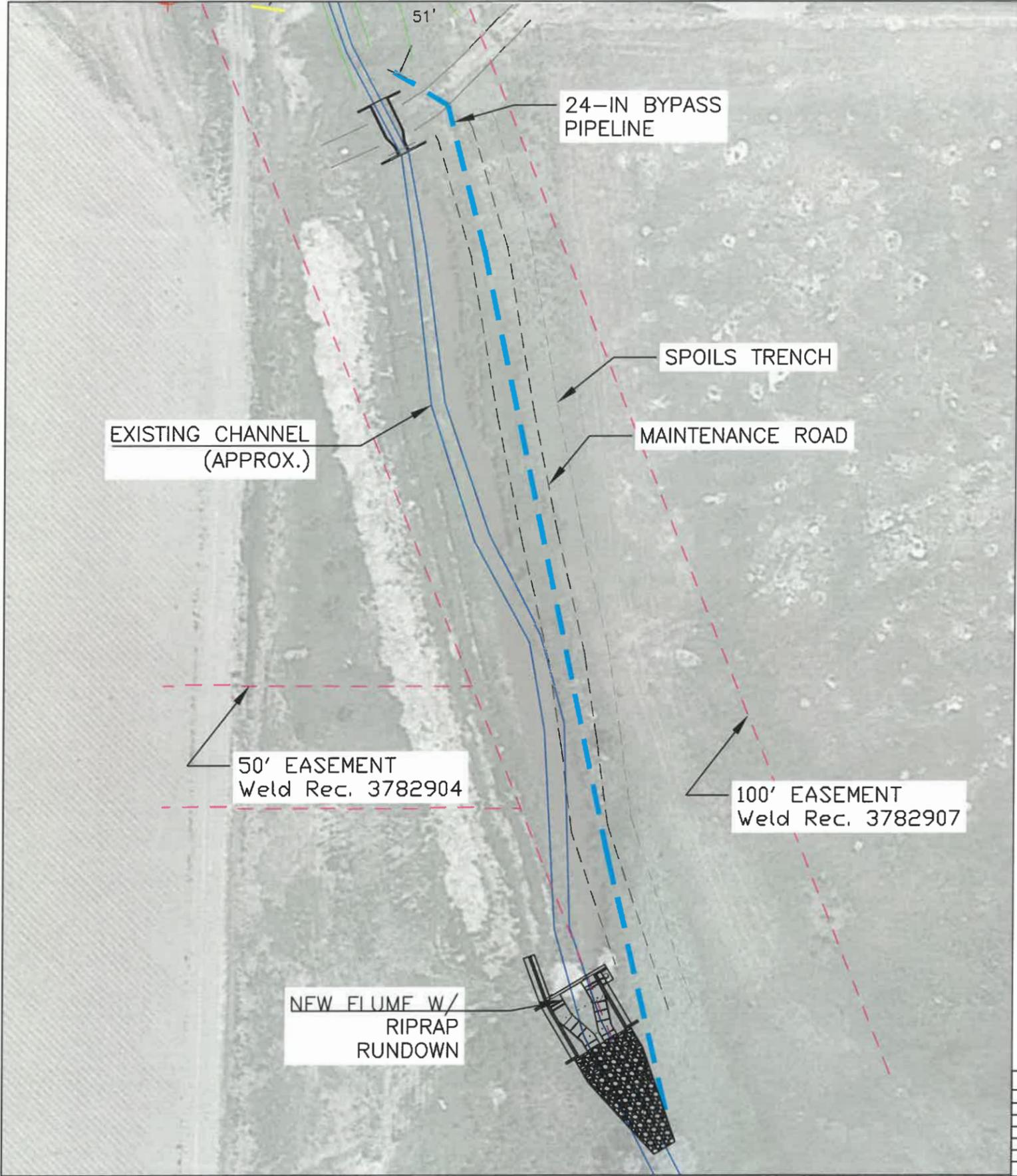
Charles Keirnes

Charles Keirnes

ATTACHMENT B

SEELEY RESERVOIR SEDIMENT BASIN CONSTRUCTION DRAWINGS

SEELEY LAKE RESERVOIR SEDIMENT BASIN PROJECT



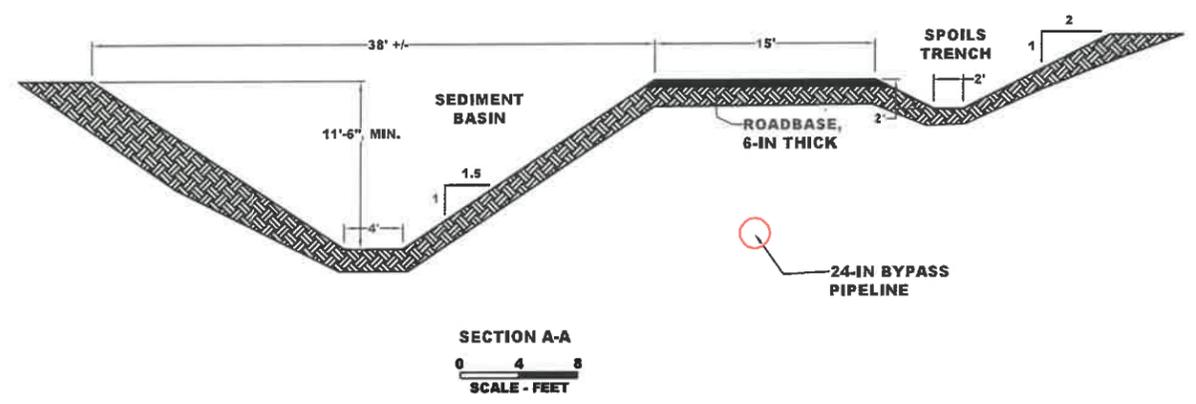
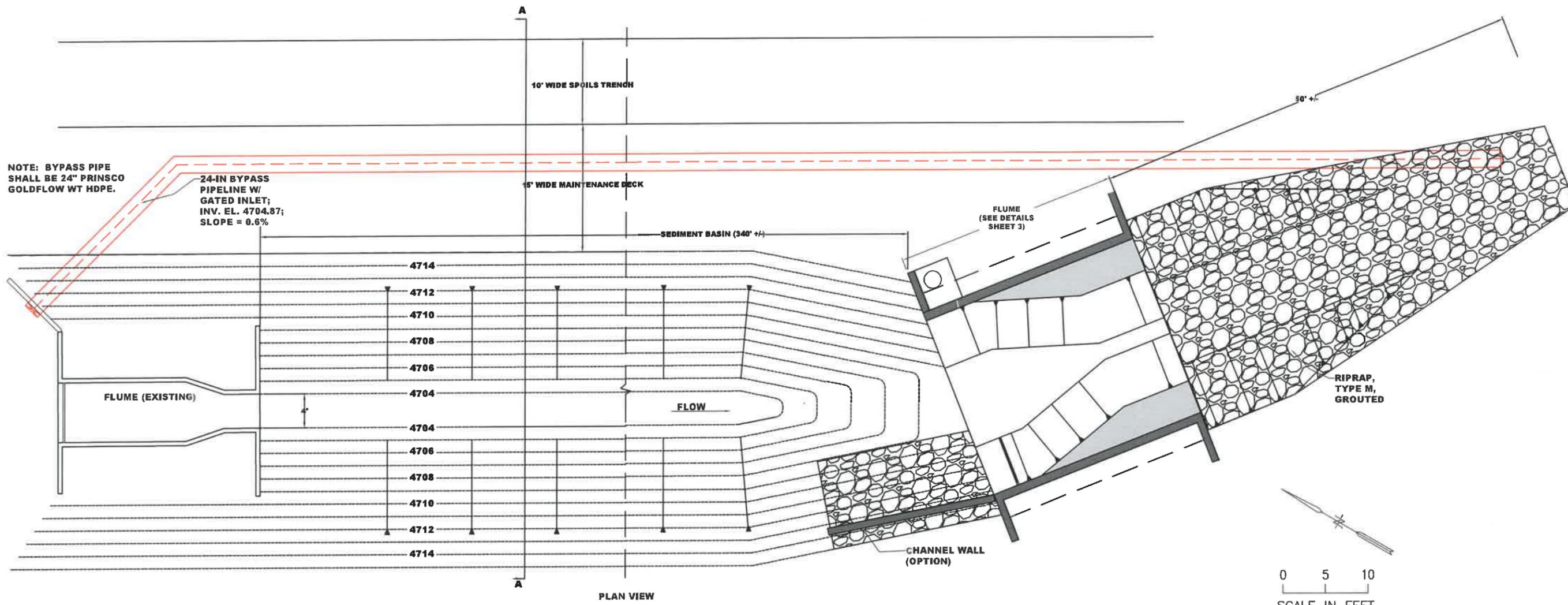
PROJECT VICINITY MAP



REVISIONS			
NO.	DESCRIPTION	DATE	BY
1	Preliminary Design - DRAFT	4/21/24	DCS
1	Various revisions	6/26/24	DCS

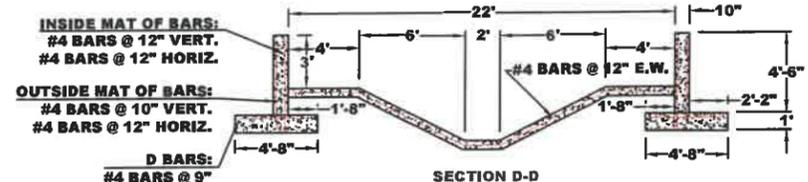
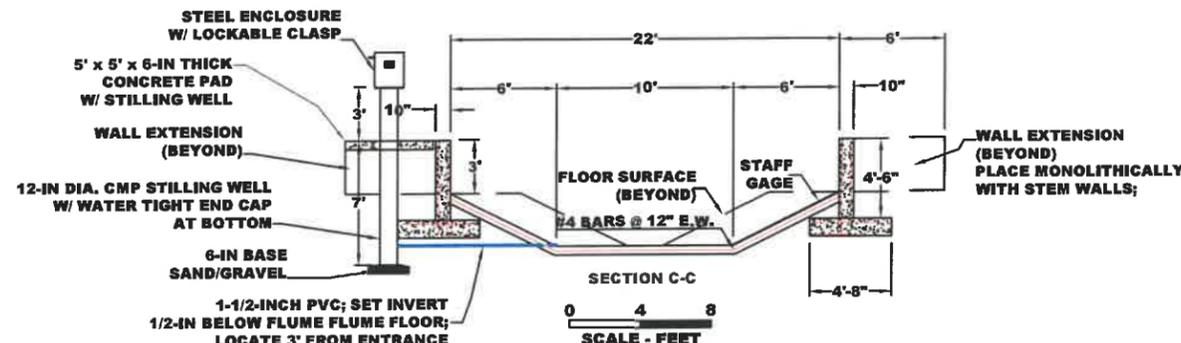
NOCO ENGINEERING, INC.
 (970) 888-1459 FAX: (970) 352-6896
 8329 W. 20TH ST., STE A
 GREELEY, CO 80634
 DATE: 6/26/24

Ogilvy Irrigating and Land Co.
 SEELEY RESERVOIR
 SEDIMENT BASIN
 SITE PLAN

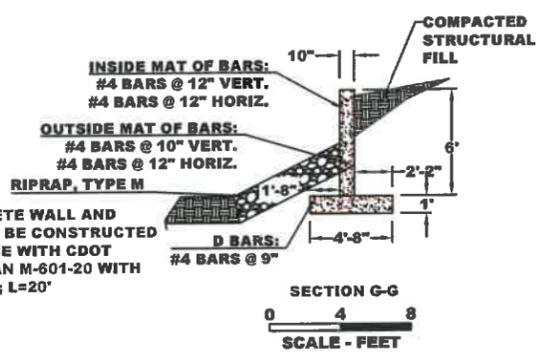
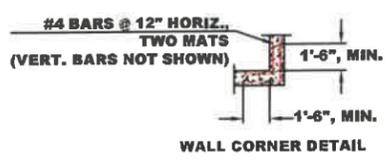


REVISIONS				NOCO ENGINEERING, INC. <small>(970) 988-1459 FAX: (970) 352-8988 8329 W. 20TH ST., STE A GREELEY, CO 80634</small>	Ogilvy Irrigating and Land Co.	SHEET 2
NO.	DESCRIPTION	DATE	BY			
1	Preliminary Design - DRAFT	4/24/24	DCS	DATE: 6/26/24	SEELEY RESERVOIR SEDIMENT BASIN PLAN VIEW AND CROSS SECTION	
2	Various revisions	6/24/24	DCS			
3						

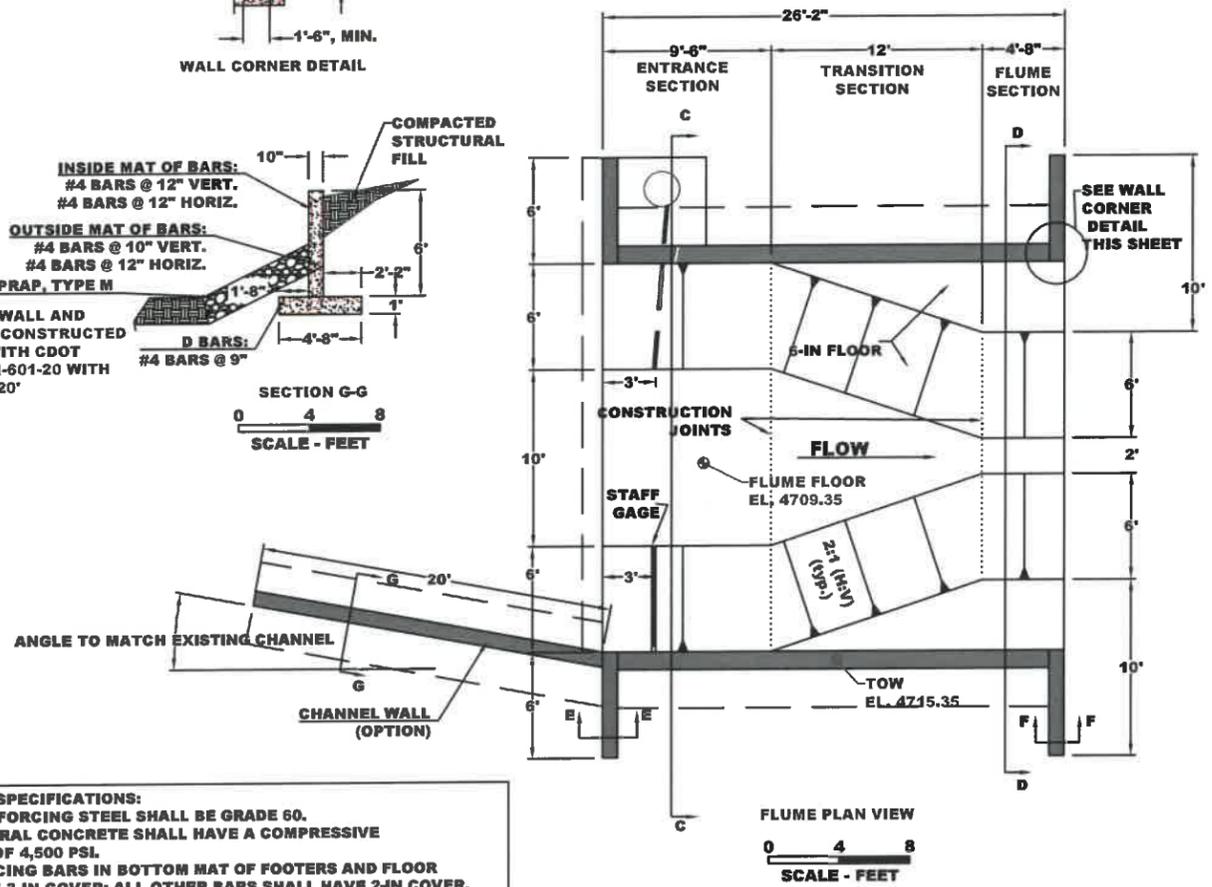
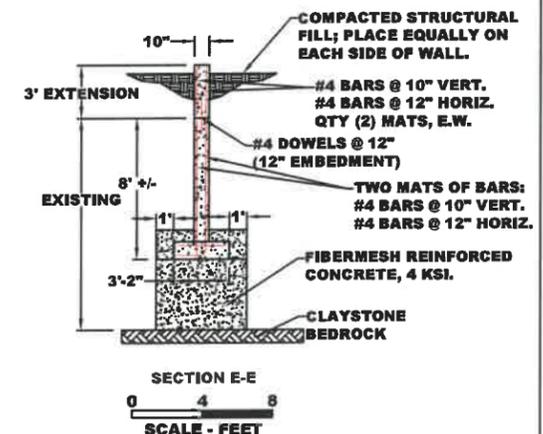
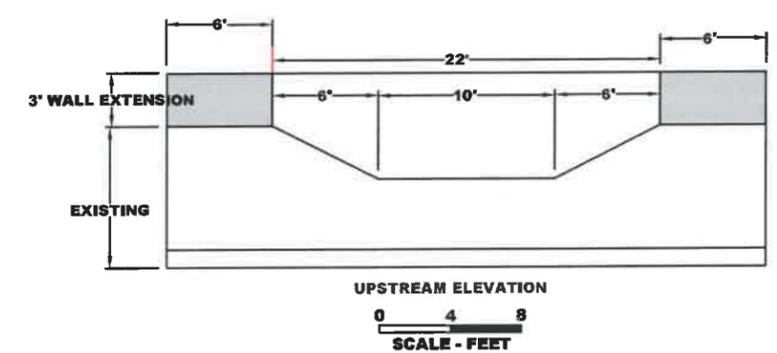
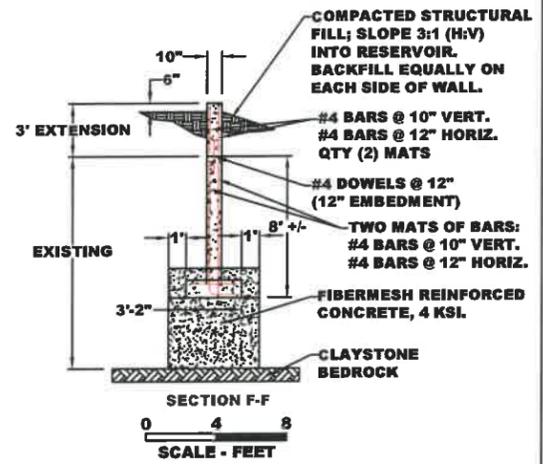
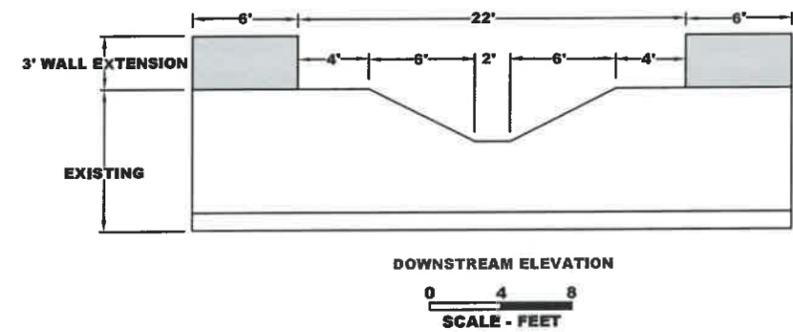
FLUME RATING EQUATION
 FOR Q = 1.5 - 100 CFS:
 $Q = 7.61744 \cdot (GH + 0.14)^{2.29571}$
 FREEBOARD = 3.0'
 FLUME DESIGN AND RATING EQUATION
 FROM WINFLUME SOFTWARE DEVELOPED
 BY USBR. FLUME STRUCTURE HAS A
 MAXIMUM CAPACITY OF APPROX. 450 CFS.



NOTE: CONCRETE WALLS AND FOOTERS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CDOT STANDARD PLAN M-601-20 WITH H=5-FT, K=5-FT, L=26-FT. BAR REQUIREMENTS TYPICAL FOR BOTH INTERIOR WALLS AND FOOTERS.



NOTE: CONCRETE WALL AND FOOTER SHALL BE CONSTRUCTED IN ACCORDANCE WITH CDOT STANDARD PLAN M-601-20 WITH H=6-FT; K=6-FT; L=20'



- NOTES AND SPECIFICATIONS:**
1. ALL REINFORCING STEEL SHALL BE GRADE 60.
 2. STRUCTURAL CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 4,500 PSI.
 3. REINFORCING BARS IN BOTTOM MAT OF FOOTERS AND FLOOR SHALL HAVE 3-IN COVER; ALL OTHER BARS SHALL HAVE 2-IN COVER.
 4. EXPOSED CORNERS SHALL HAVE 3/4-IN CHAMFER.
 5. INTERIOR STEM WALLS SHALL HAVE #4 BARS DOWELED INTO EXTERIOR WALLS AT 6-IN SPACING.
 6. THE 3' WALL EXTENSION SHALL BE PLACED MONOLITHICALLY.
 7. SPLICE LENGTH FOR #4 BARS SHALL BE 1'-6".
 8. STAFF GAGE SHALL FABRICATED WITH A SCALE ADJUSTED FOR 2:1 (H:V) SLOPE.
 9. OVER-EXCAVATE 1-FT MIN. BELOW STRUCTURE TO REMOVE ORGANIC AND SILT MATERIAL; BACKFILL AND COMPACT WITH GRANULAR FILL OR, ALTERNATIVELY, PLACE CONCRETE (MIN. 3,000 PSI).
 10. STRUCTURAL FILL SHALL BE COMPACTED AND RE-GRADED TO DRAIN. PLACE FILL IN 8-IN MAX. LIFTS, EQUAL HEIGHT SHALL BE MAINTAINED ON BOTH SIDES OF THE FLUME HEADWALLS DURING BACKFILL.
 11. STRUCTURAL FILL SHALL BE COMPACTED TO 95% STANDARD PROCTOR AND 2% OPTIMUM MOISTURE CONTENT.
 12. ALL DISTURBED AREAS TO BE RE-SEEDDED.

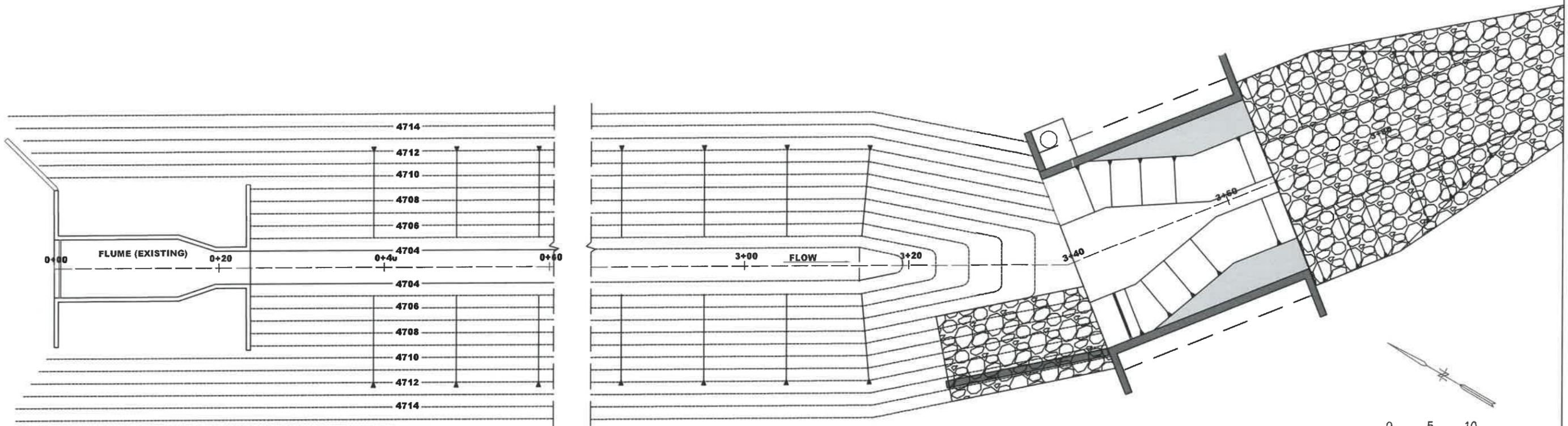


REVISIONS				NOCO ENGINEERING, INC.	
NO.	DESCRIPTION	DATE	BY	(970) 988-1459 FAX: (970) 352-8869 8200 W. 20TH ST., STE A GREELEY, CO 80634	
1	Preliminary Design - DRAFT	4/24/24	DCS	DATE: 6/26/24	
2	Revised cutoff wall locations	4/25/24	DCS		
3	Increase wall height; flume capacity	6/12/24	DCS		
4	Various revisions	6/24/24	DCS		

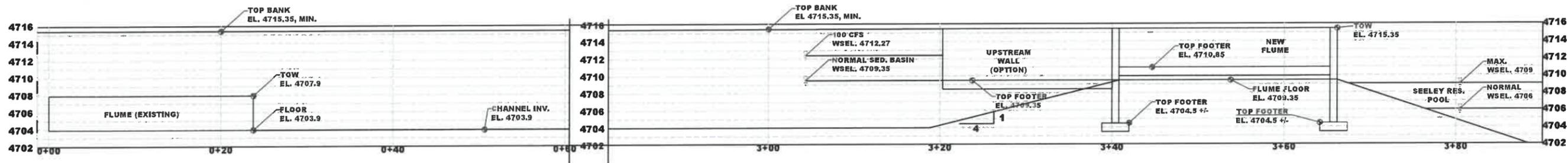
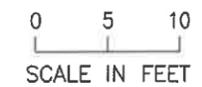
Ogilvy Irrigating and Land Co.

SEELEY RESERVOIR
 SEDIMENT BASIN
 DETAILS

SHEET
 3



PLAN VIEW



PROFILE VIEW
ALONG SEDIMENT BASIN

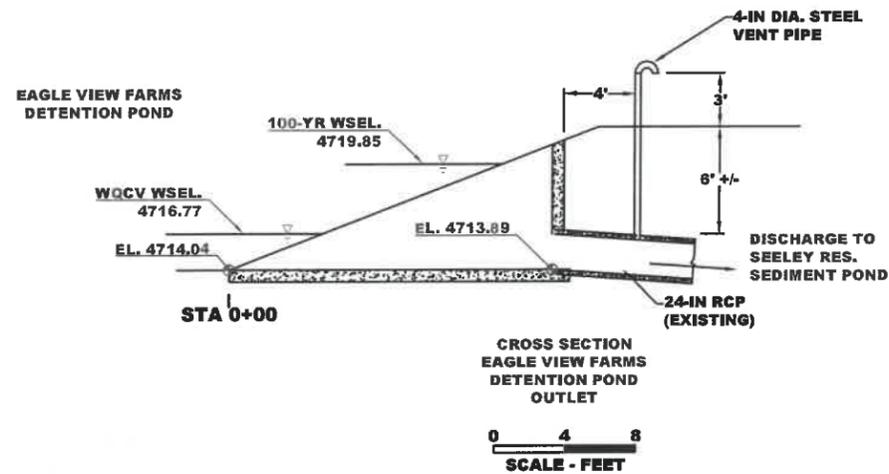


REVISIONS			
NO.	DESCRIPTION	DATE	BY
1	Various revisions	6/24/24	DCS
2			

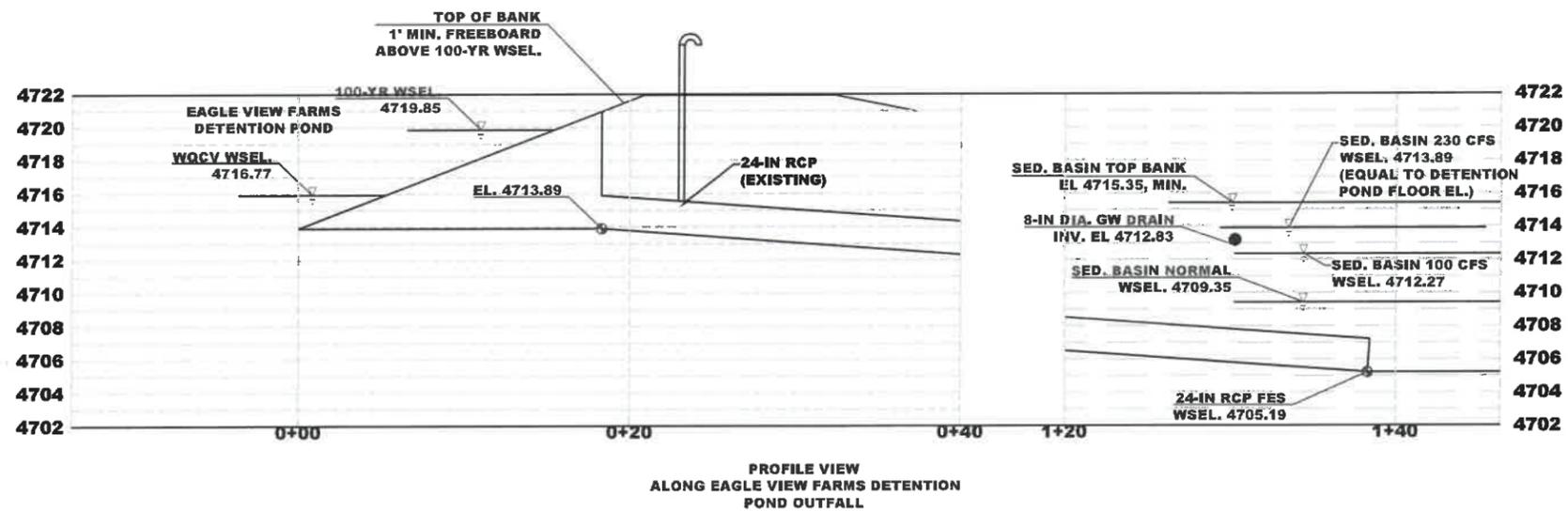
NOCO ENGINEERING, INC.
 (970) 868-1459 FAX: (970) 352-8895
 8209 W. 20TH ST., STE A
 GREELEY, CO 80634
 DATE: 6/26/24

Ogilvy Irrigating and Land Co.
 SEELEY RESERVOIR
 SEDIMENT BASIN
 CHANNEL PLAN AND PROFILE

SHEET
 4



- NOTES:**
1. RCP SHALL BE CORE DRILLED FOR 4-IN STEEL PIPE CONNECTION USING SADDLE CONNECTOR.
 2. PIPE SHALL BE PAINTED W/ CORROSION RESISTANT PAINT, BLACK COLOR.
 3. BACKFILL SHALL BE COMPACTED AND FINISHED TO ORIGINAL GRADE.



REVISIONS			
NO.	DESCRIPTION	DATE	BY
1			
2			

NOCO ENGINEERING, INC.
 (970) 866-1459 FAX: (970) 352-8866
 8209 W. 20TH ST., STE A
 GREELEY, CO 80634
 DATE: 6/25/24

Ogilvy Irrigating and Land Co.
 SEELEY RESERVOIR
 SEDIMENT BASIN
 EAGLE VIEW FARMS DETENTION POND

SHEET
5