



January 28, 2026

To: All Planholders

RE: **W.O. 19-12: West End Water Facility Reservoir – Earthwork – 60%**
City of Billings Public Works Department, Billings, Montana

Attached is Addendum No. 1 for the above-referenced project. On the Bid Form, Specification Section 00300, acknowledge this addendum by writing the number and date in the first available blank line in Paragraph 3.01 A.

Note that the Bid date has been changed to February 17, 2026.

Sincerely,

HDR ENGINEERING, Inc.

A handwritten signature in blue ink, appearing to read 'C. Habben', with a stylized flourish at the end.

Craig Habben
Project Manager

cc: File

ADDENDUM NO. 1
TO
CONTRACT DOCUMENTS AND SPECIFICATIONS
FOR
W.O. 19-12, WEST END WATER FACILITY RESERVOIR – EARTHWORK – 60%
FOR
CITY OF BILLINGS, MONTANA
PUBLIC WORKS DEPARTMENT

Prepared by: HDR Engineering, Inc. GC/CM: Dick Anderson Const., Inc. Owner: City of Billings
970 South 29th St. West 4512 South Frontage Rd. Public Works Dept.
Billings, MT 59102 Billings, MT 59101

Date: January 28, 2026

TO ALL PLANHOLDERS:

This addendum shall become a part of the Contract Documents as if originally included. The Bidders shall acknowledge receipt of the Addendum on the Bid Form.

The Specifications and Drawings shall be modified as required by the following items:

PROJECT SUMMARY SHEET

AD-1 Item 1. **The Bid Date has been moved to February 17, 2026.** On the project summary sheet, DELETE February 10, 2026 and REPLACE with February 17, 2026.

SPECIFICATIONS

AD-1 Item 2. Section 00100 – INVITATION TO BID. Page 1, Line 6 DELETE kkastelitz@haconstruction.com and REPLACE with spencer.bower@daconstruction.com.

AD-1 Item 3. Section 00100 – INVITATION TO BID. **The Bid Date has been moved to February 17, 2026.** Page 1, Line 6 DELETE February 10, 2026 and REPLACE with February 17, 2026.

AD-1 Item 4. Section 00300 – BID FORM. REPLACE the Bid Form with the attached Bid Form with Addendum 1 in the footer.

AD-1 Item 5. Section 00910 – SPECIAL PROVISIONS. Page 3, Line 17. ADD the following:

“The embankment placement volume includes embankment placement in the Key Ways and excludes placement of embankment material above the planned cutoff wall.”

AD-1 Item 6. Section 00910 – SPECIAL PROVISIONS. Page 4, Line 14. DELETE “1-9,”

AD-1 Item 7. Section 01 11 00 – SUMMARY OF WORK. Page 2. INSERT the following before Line 19.

- “1) 48-inch pipes (3) below embankment: pipes will be below competent shale. Earthwork Contractor to excavate for embankment to competent shale at location of pipe. Once excavation is complete to competent shale, General Contractor will excavate pipe trench into shale, install pipe and backfill with flowfill. Once flowfill is set up, Earthwork Contractor can construct embankment above pipe.
- 2) 42-inch pipe in embankment: the invert of this pipe is 1-2 feet above competent shale. Once Earthwork Contractor has constructed embankment above the planned top of 42-inch pipe, the General Contractor will excavate a pipe trench in the embankment, install the pipe and backfill with flowfill. Once the flowfill sets up the Earthwork Contractor can continue installing embankment above the pipe.
- 3) North Cell Outlet Structure, South Cell Inlet Structure and South Cell Outlet Structures: The General Contractor will construct these structures once the Earthwork Contractor has excavated to planned grade in the area of the structures. The General Contractor will provide any additional excavation and backfill required for the structures.”

AD-1 Item 8. Section 01 11 00 – SUMMARY OF WORK. Page 2. INSERT the following before Line 24.

- “C) For the North Cell, Exterior Embankment Grade Placement from STA 10+00 to STA 39+00 shall be prioritized and placed first. Remaining Exterior Grade Placement to be placed to contours shown on the drawing (plus/minus) based on material available including material from the South Cell area.

- D) Winter shutdowns are permitted and at which time Contract Time will be suspended.”

AD-1 Item 9. Section 01 11 00 – SUMMARY OF WORK. Page 2. INSERT the following before Line 36.

“C) Materials for the embankment and exterior fill are to be obtained from within the project site. Primary items that will require import are the rip rap, rip rap bedding (Bedding Material 1 and 2) and the filter zone (Bedding Material 2) within the embankment”

AD-1 Item 10. Section 01 11 00 – SUMMARY OF WORK. Page 3. INSERT the following before Line 15.

“1.14 ADDITIONAL INFORMATION AVAILABLE UPON REQUEST

- A. Aside from Geotechnical information indicated in Section 00210, Information is also available on groundwater and electronic files of grading are available. To view this information contact Spencer Bower, spencer.bower@daconstruction.com, at Dick Anderson Construction.”

AD-1 Item 11. Section 01 45 04 – CONTRACTOR QUALITY CONTROL. Page 5, Line 31 (table). DELETE row in table with “Civil” in it. Civil Engineer not required.

AD-1 Item 12. Section 01 51 05 – TEMPORARY UTILITIES. DELETE Paragraph 1.2 A.2.b.

AD-1 Item 13. Section 31 00 00 – EARTHWORK, Page 2, Line 11-12. DELETE “Unsuitable materials must be disposed of in accordance with Section 02 41 00 DEMOLITION AND DECONSTRUCTION.”

AD-1 Item 14. Section 31 00 00 – EARTHWORK. DELETE Paragraph 1.3. (Qualifications are included in the Instructions to Bidders section.)

AD-1 Item 15. Section 31 00 00 – EARTHWORK, Page 3, Line 40. DELETE “off-site” and REPLACE with “on-site at designated locations”

AD-1 Item 16. Section 31 00 00 – EARTHWORK. Page 6, Line 1. DELETE “professional civil or”.

AD-1 Item 17. Section 31 00 00 – EARTHWORK. Page 9, Line 2. ADD the following:

“For material larger than 12 inches or debris, coordinate with the Engineer for on-site disposal location.”

AD-1 Item 18. Section 31 00 00 – EARTHWORK. DELETE Paragraph 3.2 A.4.

AD-1 Item 19. Section 31 00 00 – EARTHWORK. DELETE Paragraph 3.2 C.

AD-1 Item 20. Section 31 00 00 – EARTHWORK. Page 10. INSERT the following before Line 18.

“E. Shale Exposure

1. Once competent shale is exposed for the embankment foundation, it must be covered with a minimum of 3 feet of material, compacted or uncompacted, within 30 days of the exposure.”

AD-1 Item 21. Section 31 00 00 – EARTHWORK. Page 14, Line 14. ADD “and clods are present,” after the word “spread”

AD-1 Item 22. Section 31 00 00 – EARTHWORK. DELETE Paragraph 3.6 C.

AD-1 Item 23. Section 31 00 00 – EARTHWORK. Page 17. Lines 10-12. DELETE the following: “and in sections 31 23 33 TRENCHING, BACKFILLING, AND COMPACTING FOR UTILITIES and 3162 41 CUTOFF WALL OPEN TRENCH SOIL BENTONITE (SB)”

AD-1 Item 24. Section 31 37 00 – RIPRAP AND BEDDING. Page 1, Line 39. DELETE “MDOT 701.06.1 Riprap (2026)” and REPLACE with “Paragraph 2.2 Material Quality Control below.”

AD-1 Item 25. Section 31 37 00 – RIPRAP AND BEDDING. Page 2. DELETE table at top of page.

AD-1 Item 26. Section 31 37 00 – RIPRAP AND BEDDING. Page 2, Line 13. INSERT “Class II” after “MDT”.

AD-1 Item 27. Section 31 37 00 – RIPRAP AND BEDDING. Page 2, Line 15. INSERT “quarried, angular” after “Furnish”

- AD-1 Item 28. Section 31 37 00 – RIPRAP AND BEDDING. Page 2, Line 17. DELETE “and MDOT”.
- AD-1 Item 29. Section 31 37 00 – RIPRAP AND BEDDING. Page 3, Line 10. DELETE “2.5” and REPLACE with “2.7”
- AD-1 Item 30. Section 31 37 00 – RIPRAP AND BEDDING. Page 3, Line 16. DELETE “5%” and REPLACE with “2%”
- AD-1 Item 31. Section 31 37 00 – RIPRAP AND BEDDING. Page 3. INSERT the following before Line 17:

“e) Maximum of 50% loss due to Los Angeles Abrasion test ASTM C535.”

DRAWINGS

- AD-1 Item 32. Sheet 1C0800, GENERAL NOTES. ADD the following:
7. DEPOSIT STRIPPED AND GRUBBED MATERIAL ALONG THE EAST PROPERTY LINE IN AREAS DESIGNATED BY THE ENGINEER.
 8. TEMPORARY POWER IS AVAILABLE JUST NORTH OF THE GROUNDWATER DEWATERING PUMP”
- AD-1 Item 33. Sheet 1C0800, Key Note 2. DELETE the second sentence and REPLACE with “SEE SECTION 01 11 00 FOR MORE INFORMATION.”
- AD-1 Item 34. Sheet 1C0810. DELETE Sheet in its entirety and REPLACE with the attached Sheet.
- AD-1 Item 35. Sheet 1C0831. DELETE Sheet in its entirety and REPLACE with the attached Sheet.
- AD-1 Item 36. Sheet 1C0832. DELETE Sheet in its entirety and REPLACE with the attached Sheet.
- AD-1 Item 37. Sheet 1C0833. DELETE Sheet in its entirety and REPLACE with the attached Sheet.

AD-1 Item 38. Sheet 1C0834. DELETE Sheet in its entirety and REPLACE with the attached Sheet.

AD-1 Item 39. Sheet 1C0835. DELETE Sheet in its entirety and REPLACE with the attached Sheet.

AD-1 Item 40. Sheet 1C0836. DELETE Sheet in its entirety and REPLACE with the attached Sheet.

AD-1 Item 41. Sheet 1C0837. DELETE Sheet in its entirety and REPLACE with the attached Sheet.

AD-1 Item 42. Sheet 1C0838. DELETE Sheet in its entirety and REPLACE with the attached Sheet.

AD-1 Item 43. Sheet 2C0800, GENERAL NOTES. ADD the following:

- “7. DEPOSIT STRIPPED AND GRUBBED MATERIAL JUST SOUTH OF HESPER ROAD IN AREAS DESIGNATED BY THE ENGINEER.
8. MATERIAL TO BE HAULED TO THE NORTH CELL AREA WILL PRIMARILY COME FROM EXISTING STOCKPILES SOUTH OF HESPER ROAD AND SECONDARILY FROM NEW EXCAVATIONS SOUTH OF THE NEW WATER TREATMENT PLANT
9. TEMPORARY POWER WILL BE AVAILABLE FROM THE EXISTING RAW WATER PUMP STATION.”

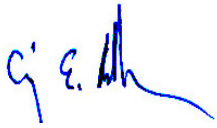
AD-1 Item 44. Sheet 2C0800, Key Note 3. DELETE the second sentence and REPLACE with “SEE SECTION 01 11 00 FOR MORE INFORMATION.”

AD-1 Item 45. Sheet 2C0808. DELETE Sheet in its entirety and REPLACE with the attached Sheet.

This addendum is made part of the specifications and contract documents and shall be noted on the Bid Form. Bidders must acknowledge receipt and acceptance of this Addendum No. 1 by

indicating such acknowledge in the Bid Form. FAILURE TO ACKNOWLEDGE RECEIPT AND ACCEPTANCE MAY RESULT IN REJECTION OF THE BID.

HDR ENGINEERING, INC.

A handwritten signature in blue ink, appearing to read 'C. Habben', with a stylized flourish extending to the right.

Craig Habben, P.E.

DATE: January 28, 2026

SECTION 00300

BID FORM

PROJECT IDENTIFICATION:

W.O. 19-12 West End Reservoir

CONTRACT IDENTIFICATION AND NUMBER:

W.O. 19-12 West End Reservoir

THIS BID SUBMITTED TO:

Dick Anderson Construction	Dick Anderson Construction	Dick Anderson Construction
kkastelitz@daconstruction.com	4512 South Frontage Road	P.O. Box 31511
spencer.bower@daconstruction.com	Billings, MT 59101	Billings, MT 59101

1.01 The undersigned Bidder proposes and agrees if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents, to perform and furnish all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

2.01 Bidder accepts all of the terms and conditions of the Advertisement or Invitation to Bid, and Instructions to Bidders, including without limitations those dealing with the disposition of Bid Security. This Bid will remain subject to acceptance for sixty (60) days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

3.01 In submitting this Bid, Bidder represents, as set forth in the Agreement, that:

A. Bidder has examined and carefully studied the Bidding Documents, other related data identified in the Bidding Documents, and the following Addenda, receipt of all which is hereby acknowledged:

<u>Addendum No.</u>	<u>Addendum Date</u>
_____	_____
_____	_____
_____	_____
_____	_____

B. Bidder has visited the Site and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work

C. Bidder is familiar with and is satisfied as to all federal, state and local Laws and Regulations that may affect cost, progress, and performance of the Work.

D. Bidder has carefully studied all (1) reports of explorations and tests of subsurface conditions at or contiguous to the Site and all drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the Site (except Underground Facilities) which have been identified in the Special Provisions as provided in paragraph 4.02 of the General Conditions, and (2) reports and drawings of a Hazard Environmental Condition, if any, which has been identified in the Special Provisions as provided in paragraph 4.06 of the General Conditions.

E. Bidder has obtained and carefully studied (or assumes responsibility for having done so) all additional or supplementary examinations, investigations, explorations, tests, studies and data

1 concerning conditions (surface, subsurface and Underground Facilities) at or contiguous to the Site
2 which may affect cost, progress, or performance of the Work or which relate to any aspect of the
3 means, methods, techniques, sequences, and procedures of construction expressly required by the
4 Bidding Documents to be employed by Bidder, and safety precautions and programs incident thereto.

5 F. Bidder does not consider that any further examinations, investigations, explorations, tests,
6 studies or data are necessary for the determination of this Bid for performance of the Work at the
7 price(s) bid and within the times and in accordance with the other terms and conditions of the Bidding
8 Documents.

9 G. Bidder is aware of the general nature of the Work to be performed by Owner and others at
10 the Site that relates to the Work as indicated in the Bidding Documents.

11 H. Bidder has correlated the information known to Bidder, information and observations
12 obtained from visits to the Site, reports and drawings identified in the Bidding Documents, and all
13 additional examinations, investigations, explorations, tests, studies and data with the Bidding
14 Documents.

15 I. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies
16 that Bidder has discovered in the Bidding Documents, and the written resolution thereof by Engineer
17 is acceptable to Bidder.

18 J. The Bidding Documents are generally sufficient to indicate and convey understanding of
19 all terms and conditions for the performance of the Work for which this Bid is submitted.

20 **4.01** Bidder further represents that this Bid is genuine and not made in the interest of or on behalf of
21 any undisclosed individual or entity and is not submitted in conformity with any agreement or rules of
22 any group, association, organization or corporation; Bidder has not directly or indirectly induced or
23 solicited any other Bidder to submit a false or sham Bid; Bidder has not solicited or induced any person,
24 firm or corporation to refrain from bidding; and Bidder has not sought by collusion to obtain for itself
25 any advantage over any other Bidder or over Owner.

26 The Bidder certifies that no official of the Owner, Engineer or any member of such officials immediate
27 family, has direct or indirect interest in the pecuniary profits or Contracts of the Bidder.

28 **5.01** The Bidder will complete the Work in accordance with the Contract Documents for the following
29 price(s):
30

31 **Bid Item Description:** Reference Specification Section 00910 for a breakdown of bid item
32 descriptions. The description of bid items is provided for clarity purposes only. It is not intended to
33 replace, supersede, or preclude any information in the plans and specifications. Unless specified
34 otherwise, all lump sum Bid Items will be paid as a percentage of actual work complete. Percent
35 complete will be based on the schedule of values submitted by the Contractor and approved by the
36 Engineer. The schedule of values will break down the lump sum Bid Items into discrete work activities
37 beyond the breakdown shown on the Bid Schedule. The schedule of values must be submitted and
38 approved by the Engineer before the Contractor can request payment for work under this Contract.
39

40 **Bid Alternate Description:** This section, in general, describes the project Alternate Bid Items. The
41 description of Alternate Bid Items is provided for clarity purposes only. It is not intended to replace,
42 supersede or preclude any information in the plans and specifications. When alternate item(s) are
43 included in the Work as awarded by Owner, the Contractor shall provide all labor, materials,
44 equipment, tools, and incidentals required to provide the Work included under the alternate so
45 awarded.
46

47 **Bid Alternate A and B – Rip Rap and Filter**

48 This bid alternate includes all work associated with furnishing and installing rip rap and filter for
49 respective cells and called out and detailed on the drawings including all associated taxes, bonds and
50 insurance required for this item. Cost ADD associated with Bid Alternate A if elected to be included by

Project Owner will be associated with Bid Schedule 1 work. Cost ADD associated with Bid Alternate B if elected to be included by Owner will be associated with Bid Schedule 2 work.

Contract Time

Enter Contract Time required to achieve Substantial Completion for the North Cell if awarded separately, the South Cell if awarded separately, and North Cell and South Cell if both were awarded to one Contractor as well as additional Contract Time if associated Bid Alternatives are awarded.

BID SCHEDULE 1 – North Cell Earthwork

BID ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1-1	Mobilization/Demobilization	LS	1		
1-2	Taxes, Bonds & Insurance	LS	1		
1-3	General Conditions	LS	1		
1-4	Grubbing and Stripping	AC	155		
1-5	Exploratory Excavation, Large Crew	HR	120		
1-6	Embankment Placement	CY	738,100		
1-7	Embankment Exterior Grade Placement	CY	846,100 625,100		
1-8	Additional Excavation Cost for Embankment Shale Keyways	CY	67,800		
1-9	Embankment Filter — Bedding Layer 2	CY	74,900		
1-10	Haul Material from South Cell Area to North Cell	CY	200,000 126,400		
1-11	Excavation and Placement of Unsuitable Material	CY	2,000		
1-12	Embankment Cap Material Berm Stockpile	CY	21,100		
Bid Schedule 1 Total					

TOTAL BID PRICE SCHEDULE 1 \$ _____ (Figures)

_____ (Words)

1 **BID ALTERNATE A – North Cell Rip Rap and Bedding**

2
3 Price ADD for furnishing and installing rip rap and associated bedding for the North Cell.

4

BID ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
A-1	North Cell Rip Rap	CY	59,300		
A-2	North Cell Rip Rap Bedding Layer 1	CY	31,000		
A-3	North Cell Rip Rap Bedding Layer 2	CY	23,500		

5
6 **Total Contract Price for Bid Alternate A, including all State and Local Taxes:** in the amount of

7
8 \$ _____
9 (Figures)

10
11 _____
12 (Words)

13
14 **BID SCHEDULE 2 – South Cell Earthwork**

15

BID ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
2-1	Mobilization/Demobilization	LS	1		
2-2	Taxes, Bonds & Insurance	LS	1		
2-3	General Conditions	LS	1		
2-4	Grubbing and Stripping	AC	53		
2-5	Exploratory Excavation, Large Crew	HR	80		
2-6	Embankment Placement	CY	596,300		
2-7	Embankment Exterior Grade Placement	CY	84,400		
2-8	Additional Excavation Cost for Embankment Shale Keyways	CY	38,000		
2-9	Embankment Filter – Bedding Layer 2	CY	45,800		
2-10	Excavation and Placement of Unsuitable Material	CY	500		
2-11	Embankment Cap Material Stockpile	CY	30,000		
Bid Schedule 2 Total					

1 **TOTAL BID PRICE SCHEDULE 2** \$ _____
2 (Figures)

3
4 _____
5 (Words)

6
7
8
9 **BID ALTERNATE B – South Cell Rip Rap and Bedding**

10
11 Price ADD for furnishing and installing rip rap for the South Cell.

12

BID ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
B-1	South Cell Rip Rap	CY	43,500		
B-2	South Cell Rip Rap Bedding Layer 1	CY	22,800		
B-3	South Cell Rip Rap Bedding Layer 2	CY	17,200		

13
14 **Total Contract Price for Bid Alternate B, including all State and Local Taxes:** in the amount of

15
16 \$ _____
17 (Figures)

18
19 _____
20 (Words)

21
22 **CONTRACT TIME**

23 Contract time to substantial completion for respective schedules and alternates.

24

DESCRIPTION	UNIT	TIME
North Cell	Months	
South Cell	Months	
North and South Cell	Months	
Additional to North Cell for Alternate A	Months	
Additional to South Cell for Alternate B	Months	
Additional to North and South Cell for Alternate A and B	Months	

25
26 Basis of Award: the contract will be awarded to the best value total bid. Best value will be
27 determined by price and schedule. Alternates will not be included in the evaluation. More than one
28 contract may be awarded independently for Schedules 1 and 2.

- 1 A. Unit Prices have been computed in accordance with paragraph 11.03.B. of the General
2 Conditions.
- 3 B. Bidder acknowledges that estimated quantities are not guaranteed and are solely for the
4 purpose of comparison of Bids, and final payment for all Unit Price Bid items will be
5 based on actual quantities provided, determined as provided in the Contract Documents.
- 6 C. The undersigned agrees that the unit prices shall govern in checking the Bid, and should
7 a discrepancy exist in the Total Estimated Price and Total Amount of Unit Prices Bid as
8 listed above after extensions are checked and corrections made, if any, the Total Amount
9 of Unit Prices Bid as corrected shall be used in awarding this Contract.
- 10 D. The OWNER reserves the right to reject any or all bids.

11

12 **6.01** Bidder agrees that the Work will be substantially completed and ready for final payment in
13 accordance with 14.07 of the General Conditions on or before the number of calendar months entered
14 above.

15 **6.02** Bidder accepts the provisions of the Agreement as to liquidated damages in the event of failure
16 to complete the Work within the times specified above, which shall be stated in the Agreement.

17 **7.01** The following documents are attached to and made a condition of the Bid:

- 18 A. Required Bid security in the amount of 10% of the maximum Bid price including alternates,
19 if any, and in the form identified in the Instructions To Bidders.
- 20 B. Qualifications as outlined in the Instructions to Bidders.

21

22 **8.01** The terms used in this Bid with the initial capital letters have the meanings indicated in the
23 Instructions To Bidders, General Conditions, and the Supplementary Conditions.

24

25 SUBMITTED on _____ , _____
26 (Date)

27

28 Montana Contractor's Registration # (if any) _____

29

30 Montana Contractor's Gross Receipts Account # _____
31 (Example: XXXXXX-XXX-CGR)

32

33 Employer's Tax ID No. _____

34

35 **If BIDDER is:**

36

37 **An Individual:** _____
38 (Name typed or printed)

39 By: _____
40 (Individual's Signature)

41 Doing business as: _____

42

43 Business Address: _____

44

45 _____

46

47 Phone No.: _____ FAX No: _____

48

49

1 **A Partnership:** _____
2 (Partnership Name)
3 By: _____
4 (Signature)
5 _____
6 (Name, typed or printed)
7 Business Address: _____
8 _____
9 _____
10 _____
11 Phone No.: _____ FAX No: _____
12 _____

13 **A Corporation:** _____
14 (Corporation Name)
15 State of Incorporation: _____
16 _____
17 Type (General Business, Professional, Service, Limited Liability): _____
18 _____
19 By: _____
20 (Signature of person authorized to sign)
21 Title: _____
22 _____
23 Attest: _____
24 (Signature)
25 _____
26 Business Address: _____
27 _____
28 _____
29 _____
30 Phone No.: _____ FAX No: _____
31 _____
32 _____
33 Date of Qualification To Do Business Is: _____
34 _____
35 _____
36 _____
37 _____
38 _____
39 _____

(Corporate Seal)

41
42 **A Joint Venture:** Each Joint Venture Must Sign

43
44 Joint Venturer Name: _____
45 (Name)
46 By: _____
47 (Signature of Joint Venture Partner)
48 Name: _____
49 (Name, printed or typed)
50 Title: _____
51 _____
52 Business Address: _____
53 _____
54 _____

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36

Phone No.: _____ FAX No: _____

Joint Venturer Name: _____
(Name)

By: _____
(Signature of Joint Venture Partner)

Name: _____
(Name, printed or typed)

Title: _____

Business Address: _____

Phone No.: _____ FAX No: _____

Address of Joint Venture for Receipt of Official Communication:

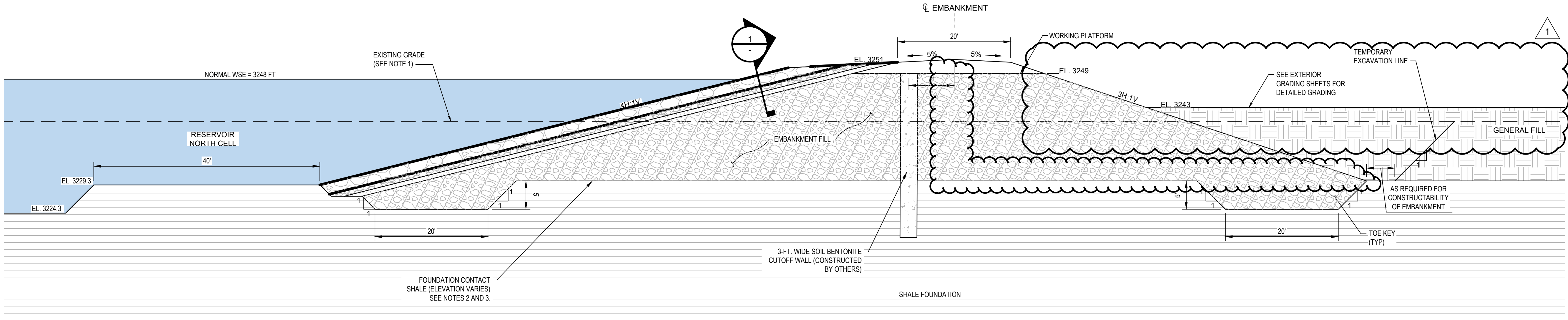
Address: _____

Phone No.: _____ FAX No: _____

(Each Joint Venture must sign. The manner of signing for each individual, partnership and corporation that is a party to the joint venture should be in the manner indicated above.)

END OF SECTION

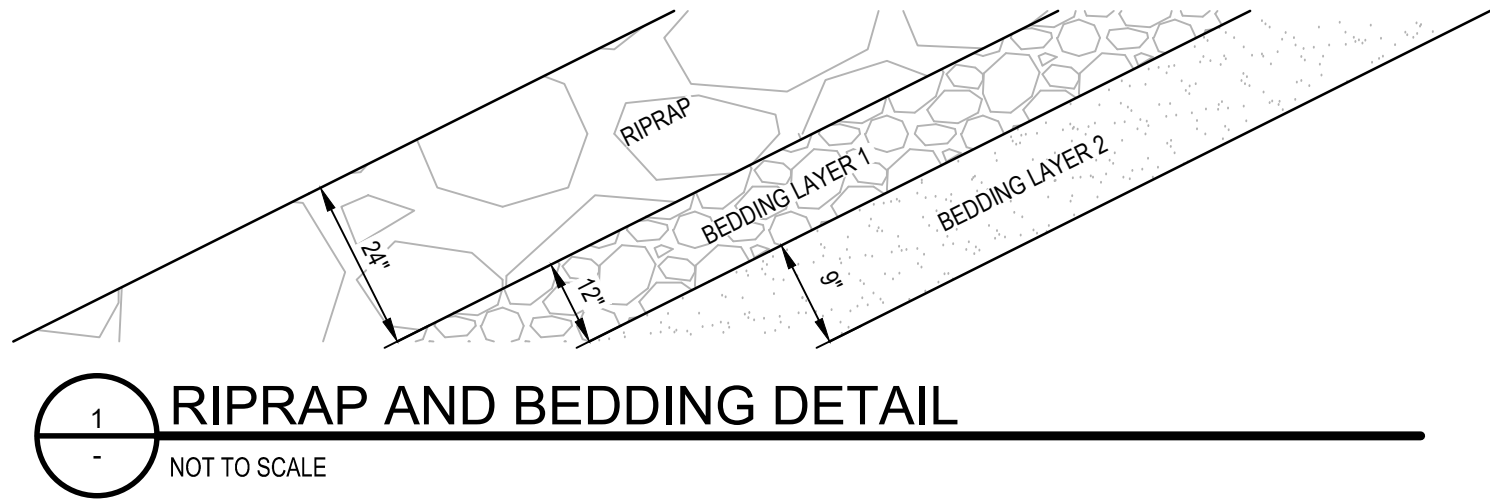
C:\pwworking\west01\43314\91\100810.dwg
01/28/2026 7:37am JROSENBAUM



- GENERAL NOTES:
1. CLEAR AND GRUB TOPSOIL, DEBRIS, AND VEGETATION PRIOR TO EXCAVATING DOWN TO SHALE TO SEPARATE UNSUITABLE MATERIAL FROM POTENTIAL BORROW.
 2. EXPOSE FOUNDATION SHALE FOR INSPECTION BY ENGINEER. ENGINEER APPROVAL IS REQUIRED PRIOR TO PLACEMENT OF EMBANKMENT FILL.
 3. ESTIMATED FOUNDATION SHALE PROFILE IS SHOWN ON EMBANKMENT P&P DRAWINGS. ACTUAL ELEVATION AND REQUIRED REMOVAL WILL VARY. GRADE SHALE AS NECESSARY TO ACHIEVE LESS THAN 5% SLOPE IN EMBANKMENT FOOTPRINT OUTSIDE OF TOE KEY AREAS.

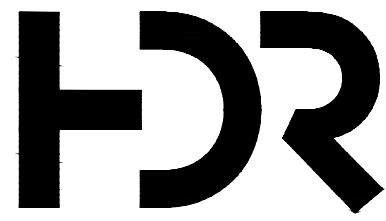
RESERVOIR NORTH CELL EMBANKMENT TYPICAL SECTION

SCALE 1" = 10'



RIPRAP AND BEDDING DETAIL

NOT TO SCALE



HDR ENGINEERING, INC.
970 S 29 ST W
BILLINGS, MT 59102
(406) 656-8100

ISSUE	DATE	DESCRIPTION
1	JAN 2026	ADDENDUM #1
	JAN 2026	ISSUE FOR 60% REVIEW
	JULY 2025	ISSUE FOR 30% REVIEW

PROJECT MANAGER	C. HABBEN
CIVIL	C. HABBEN
STRUCTURAL	J. BEARD
ARCHITECTURAL	-
PROCESS	K. CHRISTOFANELLI
MECHANICAL	-
ELECTRICAL	L. KIRMEYER
INSTRUMENTATION	P. BARRY
PROJECT NUMBER	10126753

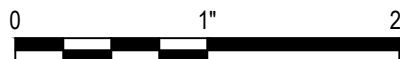
PRELIMINARY
NOT FOR CONSTRUCTION
OR RECORDING



West End Water Facility
City of Billings, MT
W.O. 19-12
WEST END
RESERVOIR

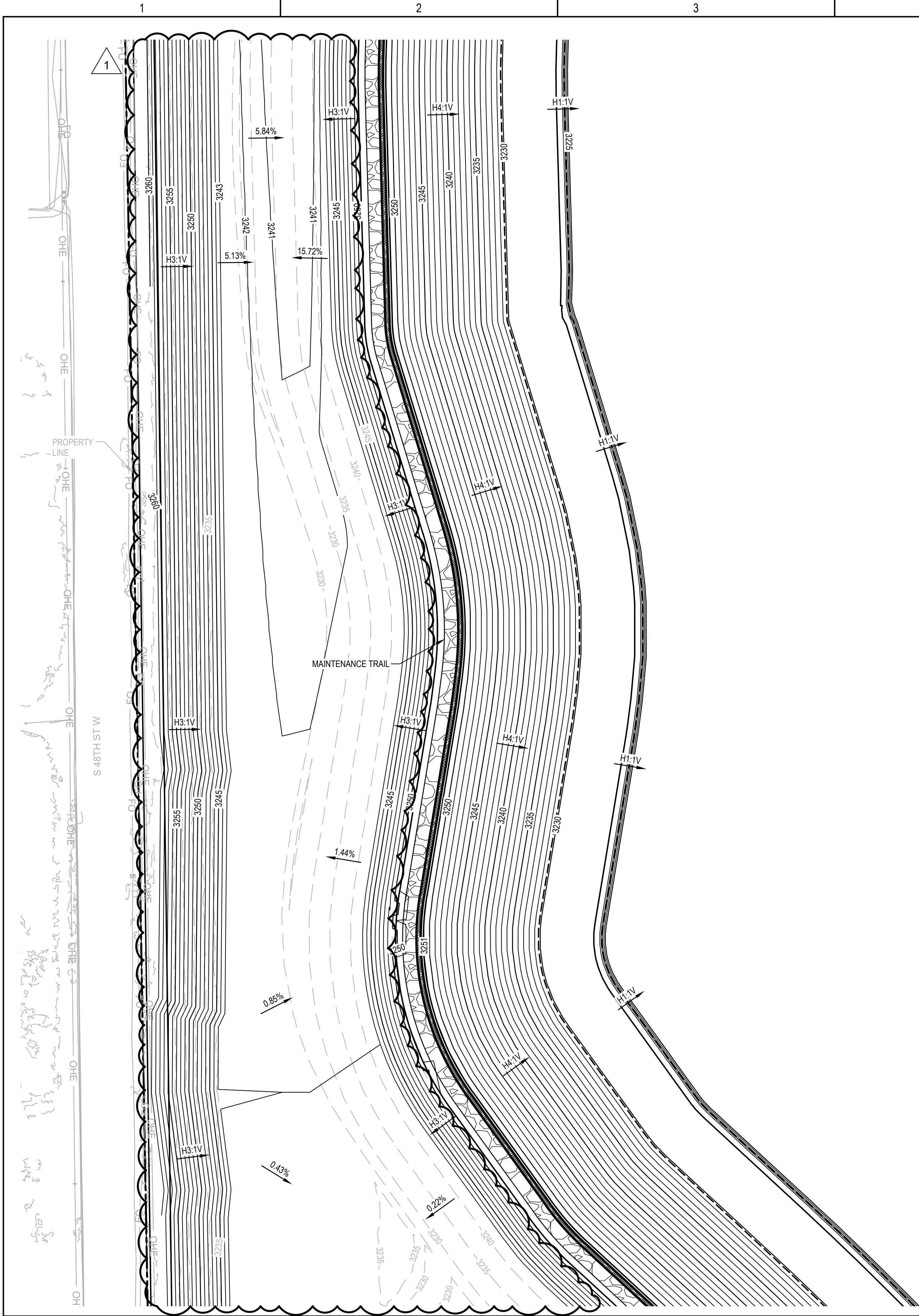
CIVIL RESERVOIR NORTH CELL EMBANKMENT TYPICAL SECTION

FILE NAME 1C0810.dwg
SCALE AS NOTED

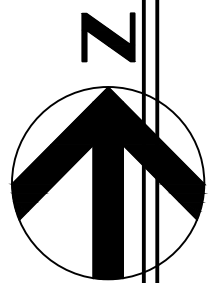


SHEET
1C0810

C:\pwworking\west01\43314\91\100832.dwg
01/28/2026 7:33am JROSENBAUM

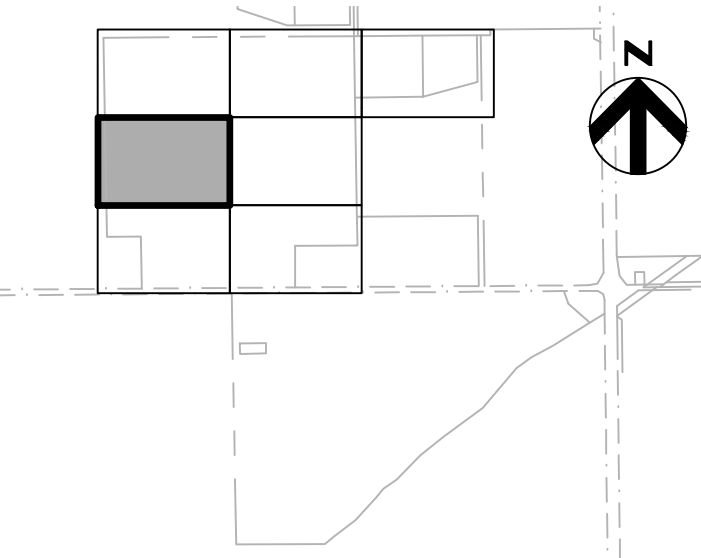


RESERVOIR
NORTH CELL
INTERIOR
EL 3224.30

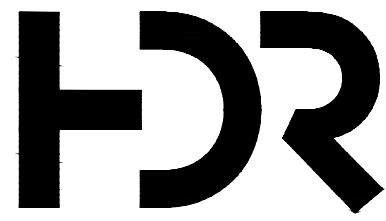


- GENERAL NOTES:
- SEE SHEET 1C0828 FOR NORTH CELL TYPICAL SECTION.
 - EXISTING GROUND REPRESENTS POST EMBANKMENT CONDITIONS.
 - SEE SHEETS 1C0901 THROUGH 1C0911 FOR STORMWATER PLAN AND PROFILES.

KEY MAP:



50 0 50 100
SCALE IN FEET



HDR ENGINEERING, INC.
970 S 29 ST W
BILLINGS, MT 59102
(406) 656-8100

ISSUE	DATE	DESCRIPTION
1	JAN 2026	ADDENDUM #1
	JAN 2026	ISSUE FOR 60% REVIEW

PROJECT MANAGER	C. HABBEN
CIVIL	C. HABBEN
STRUCTURAL	J. BEARD
ARCHITECTURAL	-
PROCESS	K. CHRISTOFANELLI
MECHANICAL	-
ELECTRICAL	L. KIRMEYER
INSTRUMENTATION	P. BARRY
PROJECT NUMBER	10126753

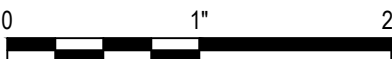
PRELIMINARY
NOT FOR CONSTRUCTION
OR RECORDING



West End Water Facility
City of Billings, MT
W.O. 19-12
WEST END
RESERVOIR

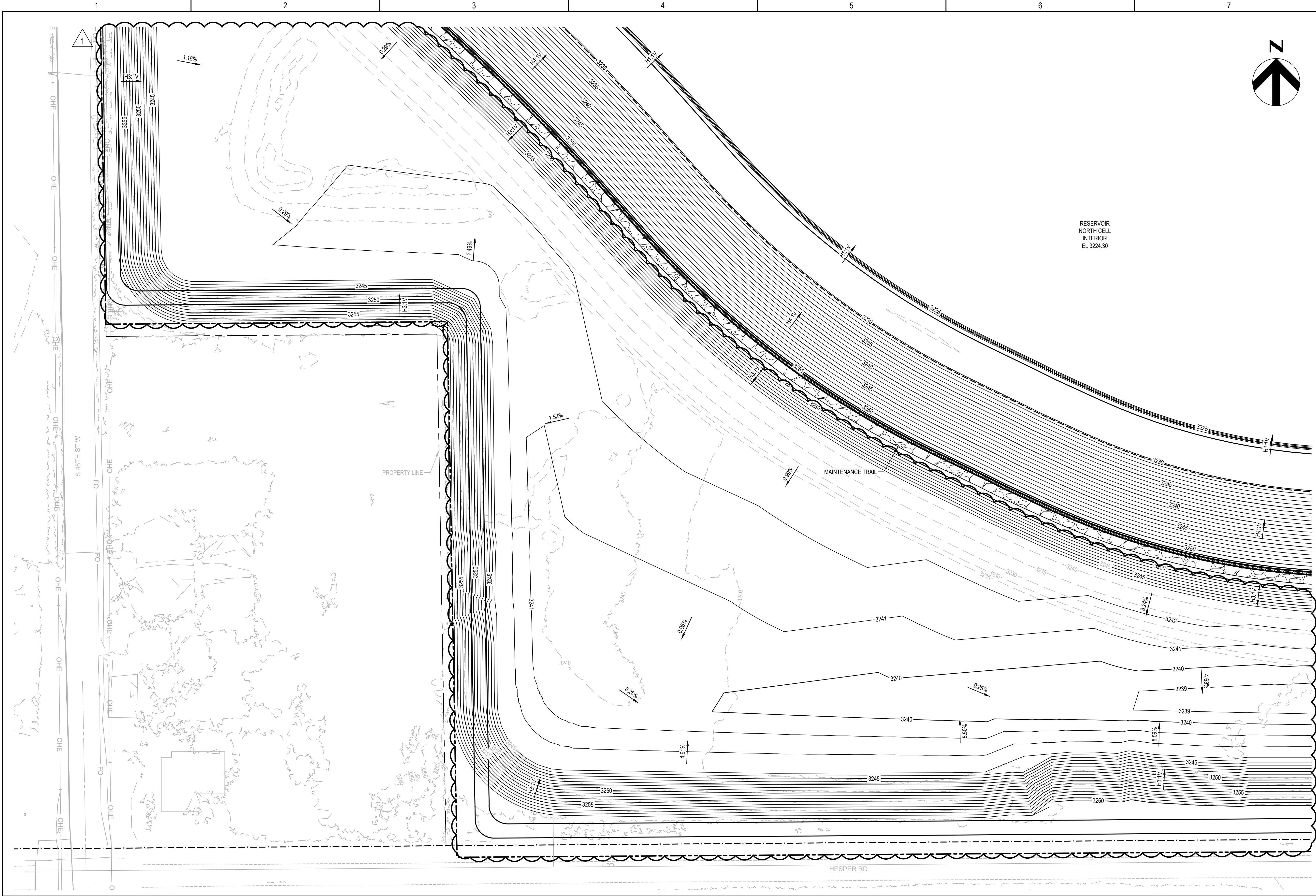
CIVIL
RESERVOIR NORTH CELL
EMBANKMENT EXTERIOR GRADING
ENLARGED PLAN 2

FILE NAME 1C0832.dwg
SCALE 1" = 50'

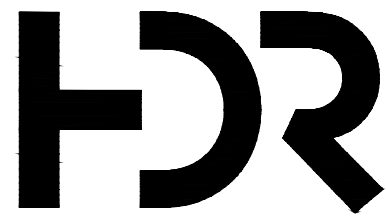
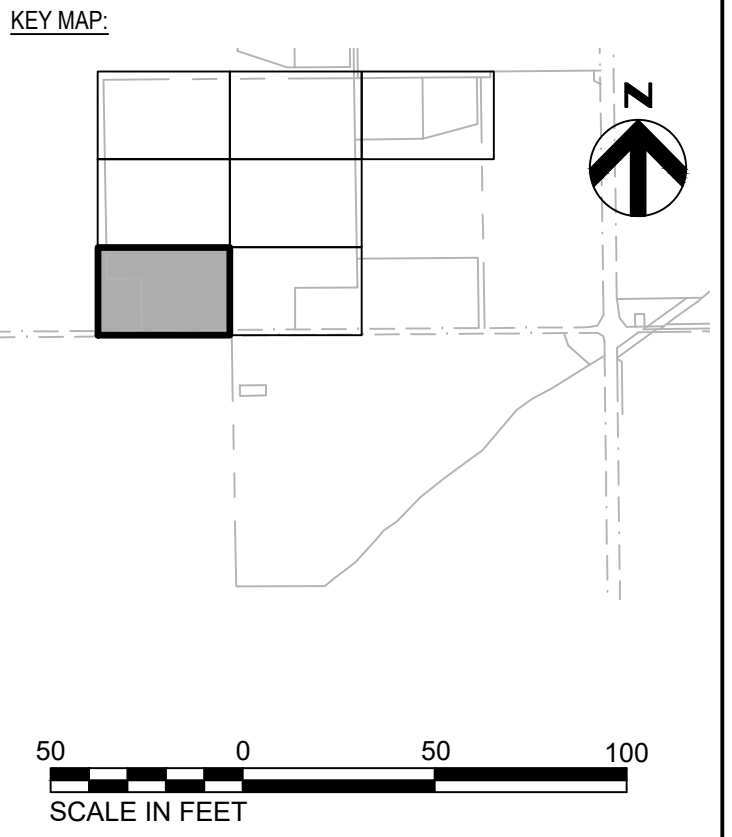


SHEET
1C0832

C:\Users\JROSEN~1\AppData\Local\Temp\AcPublish_3748411\10833.dwg
01/28/2026 7:22am JROSENBAUM



- GENERAL NOTES:
1. SEE SHEET 1C0828 FOR NORTH CELL TYPICAL SECTION.
 2. EXISTING GROUND REPRESENTS POST EMBANKMENT CONDITIONS.
 3. SEE SHEETS 1C0901 THROUGH 1C0911 FOR STORMWATER PLAN AND PROFILES.



HDR ENGINEERING, INC.
970 S 29 ST W
BILLINGS, MT 59102
(406) 656-8100

ISSUE	DATE	DESCRIPTION
1	JAN 2026	ADDENDUM #1
	JAN 2026	ISSUE FOR 60% REVIEW

PROJECT MANAGER	C. HABBEN
CIVIL	C. HABBEN
STRUCTURAL	J. BEARD
ARCHITECTURAL	-
PROCESS	K. CHRISTOFANELLI
MECHANICAL	-
ELECTRICAL	L. KIRMEYER
INSTRUMENTATION	P. BARRY
PROJECT NUMBER	10126753

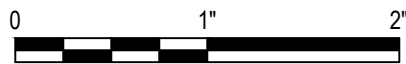
PRELIMINARY
NOT FOR CONSTRUCTION
OR RECORDING



West End Water Facility
City of Billings, MT
W.O. 19-12
WEST END
RESERVOIR

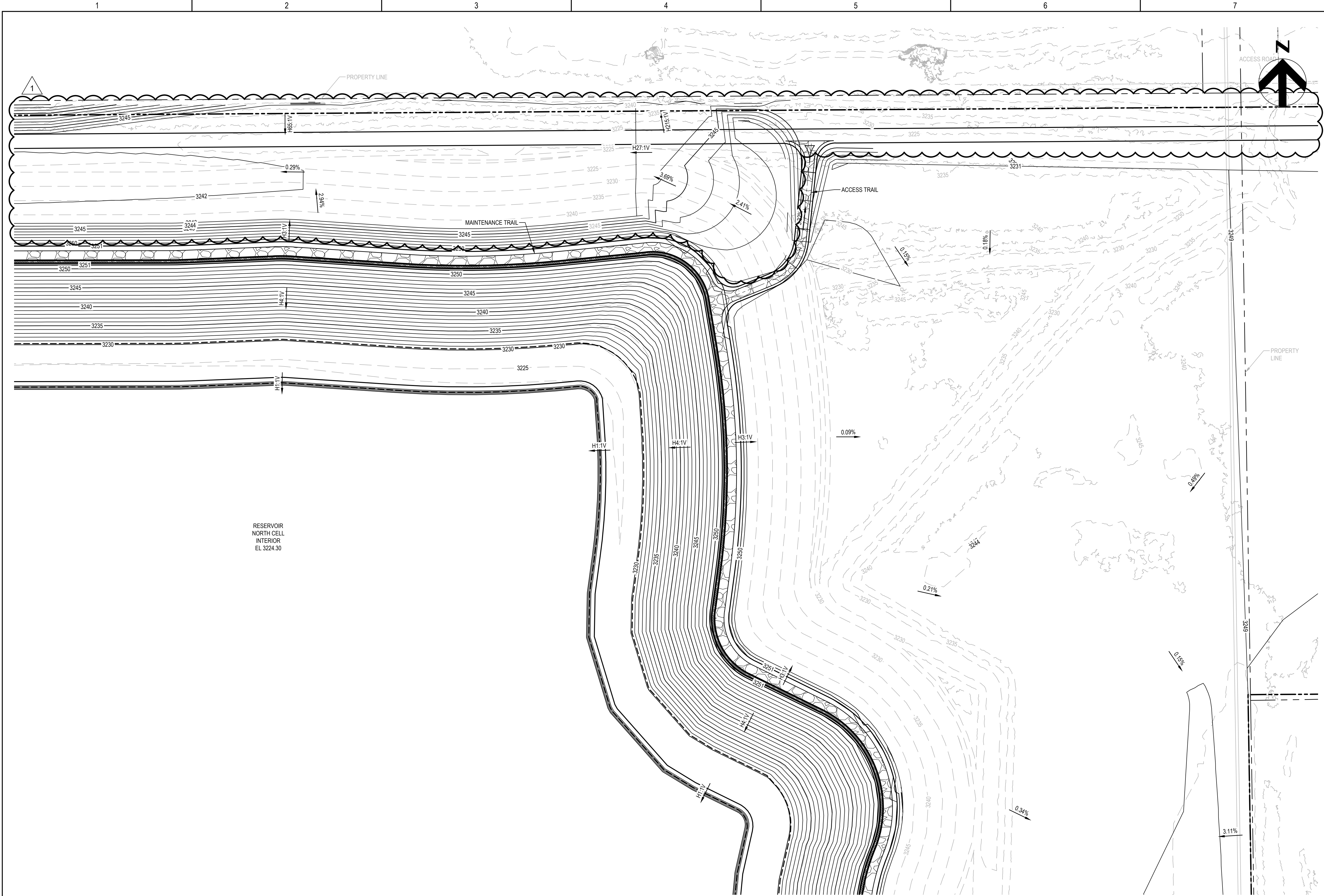
CIVIL
RESERVOIR NORTH CELL
EMBANKMENT EXTERIOR GRADING
ENLARGED PLAN 3

FILE NAME 1C0833.dwg
SCALE 1" = 50'

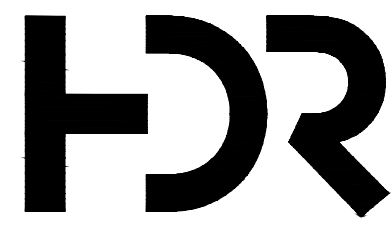


SHEET
1C0833

C:\Users\JROSEN~1\AppData\Local\Temp\AutoPublish_3748411\CO834.dwg
01/28/2026 7:23am JROSENBAUM



- GENERAL NOTES:
1. SEE SHEET 1C0828 FOR NORTH CELL TYPICAL SECTION.
 2. EXISTING GROUND REPRESENTS POST EMBANKMENT CONDITIONS.
 3. SEE SHEETS 1C0901 THROUGH 1C0911 FOR STORMWATER PLAN AND PROFILES.



HDR ENGINEERING, INC.
970 S 29 ST W
BILLINGS, MT 59102
(406) 656-8100

ISSUE	DATE	DESCRIPTION
1	JAN 2026	ADDENDUM #1
	JAN 2026	ISSUE FOR 60% REVIEW

PROJECT MANAGER	C. HABBEN
CIVIL	C. HABBEN
STRUCTURAL	J. BEARD
ARCHITECTURAL	-
PROCESS	K. CHRISTOFANELLI
MECHANICAL	-
ELECTRICAL	L. KIRMEYER
INSTRUMENTATION	P. BARRY
PROJECT NUMBER	10126753

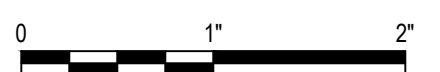
PRELIMINARY
NOT FOR CONSTRUCTION
OR RECORDING



West End Water Facility
City of Billings, MT
W.O. 19-12
WEST END
RESERVOIR

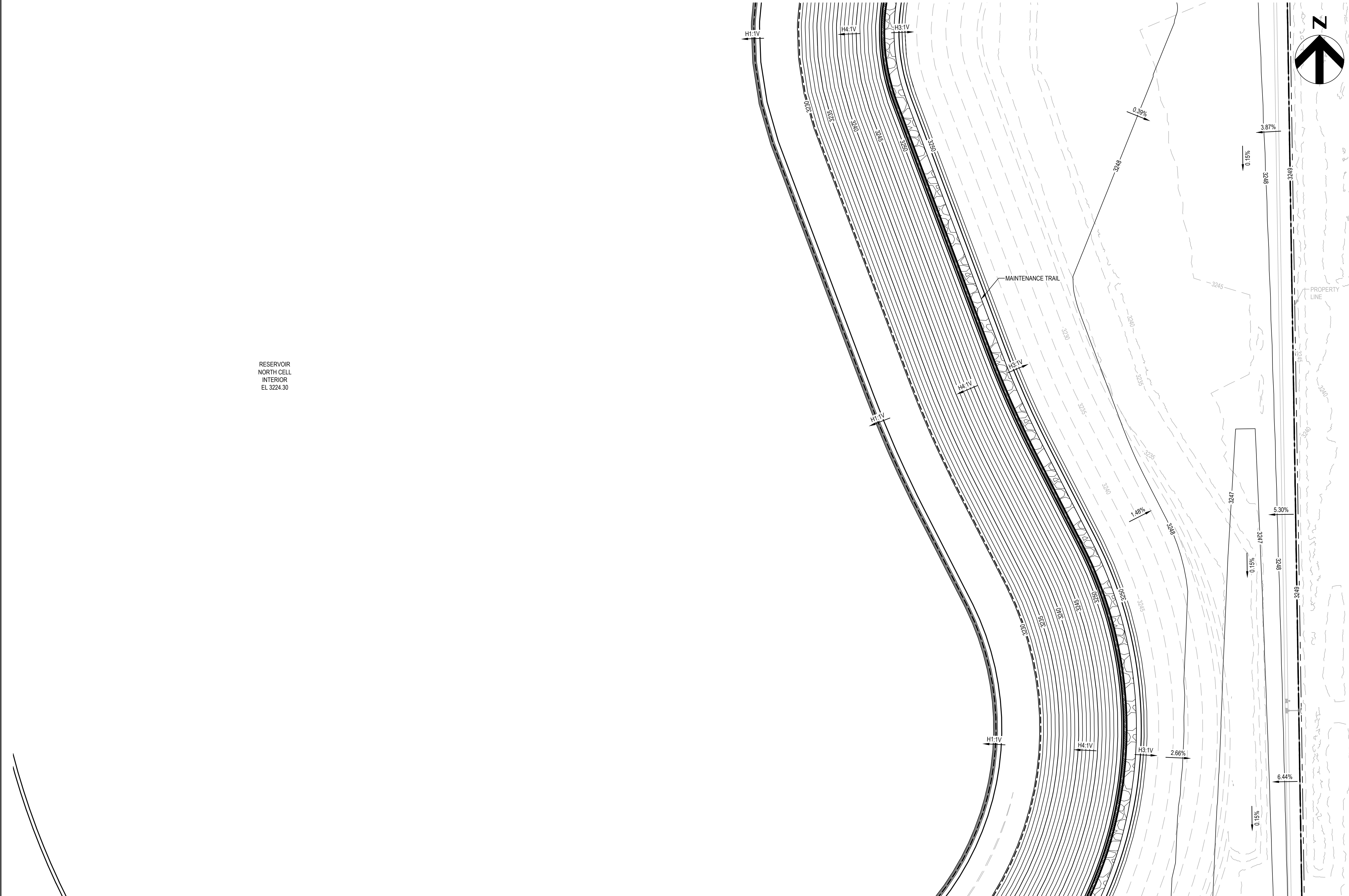
CIVIL
RESERVOIR NORTH CELL
EMBANKMENT EXTERIOR GRADING
ENLARGED PLAN 4

FILE NAME 1C0834.dwg
SCALE 1" = 50'



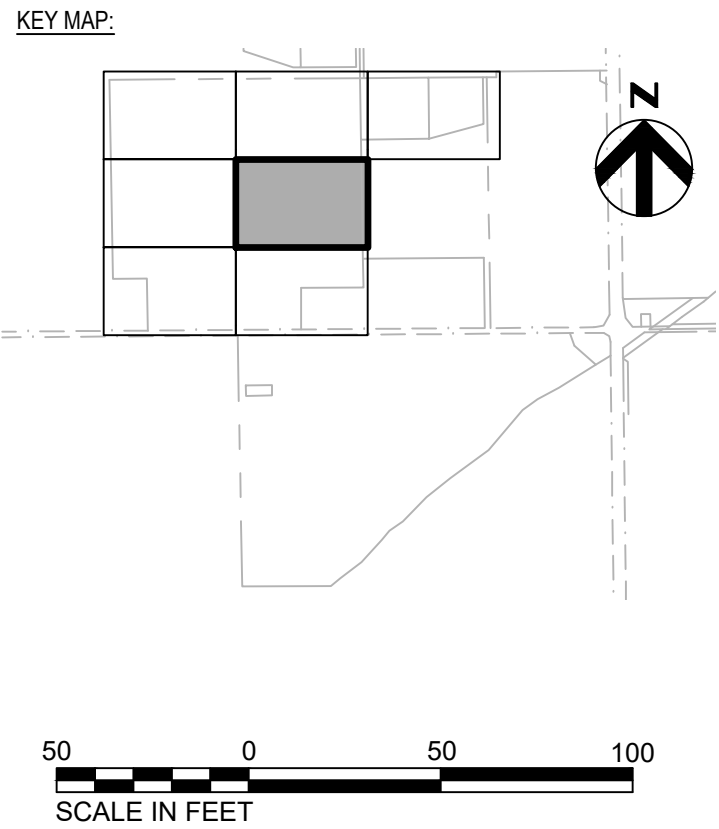
SHEET
1C0834

C:\Users\JROSEN~1\AppData\Local\Temp\AutoPublish_3748411\CO835.dwg
01/28/2026 7:23am JROSENBAUM



RESERVOIR
NORTH CELL
INTERIOR
EL 3224.30

- GENERAL NOTES:
- SEE SHEET 1C0828 FOR NORTH CELL TYPICAL SECTION.
 - EXISTING GROUND REPRESENTS POST EMBANKMENT CONDITIONS.
 - SEE SHEETS 1C0901 THROUGH 1C0911 FOR STORMWATER PLAN AND PROFILES.



HDR ENGINEERING, INC.
970 S 29 ST W
BILLINGS, MT 59102
(406) 656-8100

ISSUE	DATE	DESCRIPTION
	JAN 2026	ISSUE FOR 60% REVIEW

PROJECT MANAGER	C. HABBEN
CIVIL	C. HABBEN
STRUCTURAL	J. BEARD
ARCHITECTURAL	-
PROCESS	K. CHRISTOFANELLI
MECHANICAL	-
ELECTRICAL	L. KIRMEYER
INSTRUMENTATION	P. BARRY
PROJECT NUMBER	10126753

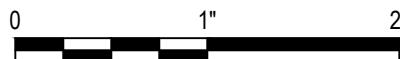
PRELIMINARY
NOT FOR CONSTRUCTION
OR RECORDING



West End Water Facility
City of Billings, MT
W.O. 19-12
WEST END
RESERVOIR

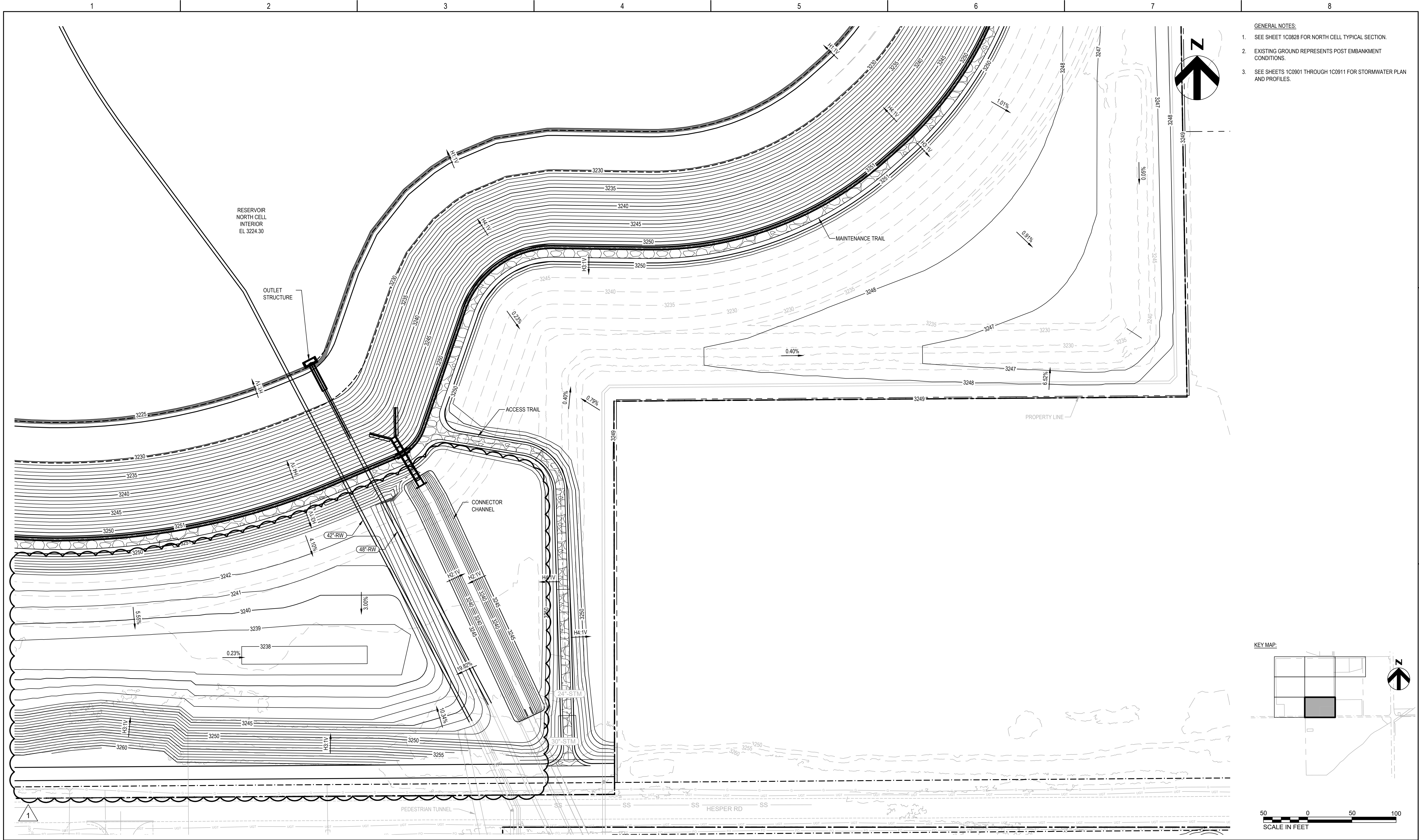
CIVIL
RESERVOIR NORTH CELL
EMBANKMENT EXTERIOR GRADING
ENLARGED PLAN 5

FILE NAME 1C0835.dwg
SCALE 1" = 50'



SHEET
1C0835

C:\Users\JROSEN~1\AppData\Local\Temp\AcP\publish_3748411\1C0836.dwg
01/28/2026 7:24am JROSENBAUM



- GENERAL NOTES:
1. SEE SHEET 1C0828 FOR NORTH CELL TYPICAL SECTION.
 2. EXISTING GROUND REPRESENTS POST EMBANKMENT CONDITIONS.
 3. SEE SHEETS 1C0901 THROUGH 1C0911 FOR STORMWATER PLAN AND PROFILES.



HDR ENGINEERING, INC.
970 S 29 ST W
BILLINGS, MT 59102
(406) 656-8100

ISSUE	DATE	DESCRIPTION
1	JAN 2026	ADDENDUM #1
	JAN 2026	ISSUE FOR 60% REVIEW

PROJECT MANAGER	C. HABBEN
CIVIL	C. HABBEN
STRUCTURAL	J. BEARD
ARCHITECTURAL	-
PROCESS	K. CHRISTOFANELLI
MECHANICAL	-
ELECTRICAL	L. KIRMEYER
INSTRUMENTATION	P. BARRY
PROJECT NUMBER	10126753

PRELIMINARY
NOT FOR CONSTRUCTION
OR RECORDING



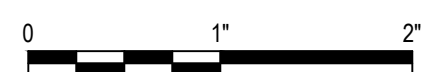
West End Water Facility
City of Billings, MT
W.O. 19-12
WEST END
RESERVOIR

CIVIL
RESERVOIR NORTH CELL
EMBANKMENT EXTERIOR GRADING
ENLARGED PLAN 6

FILE NAME
SCALE

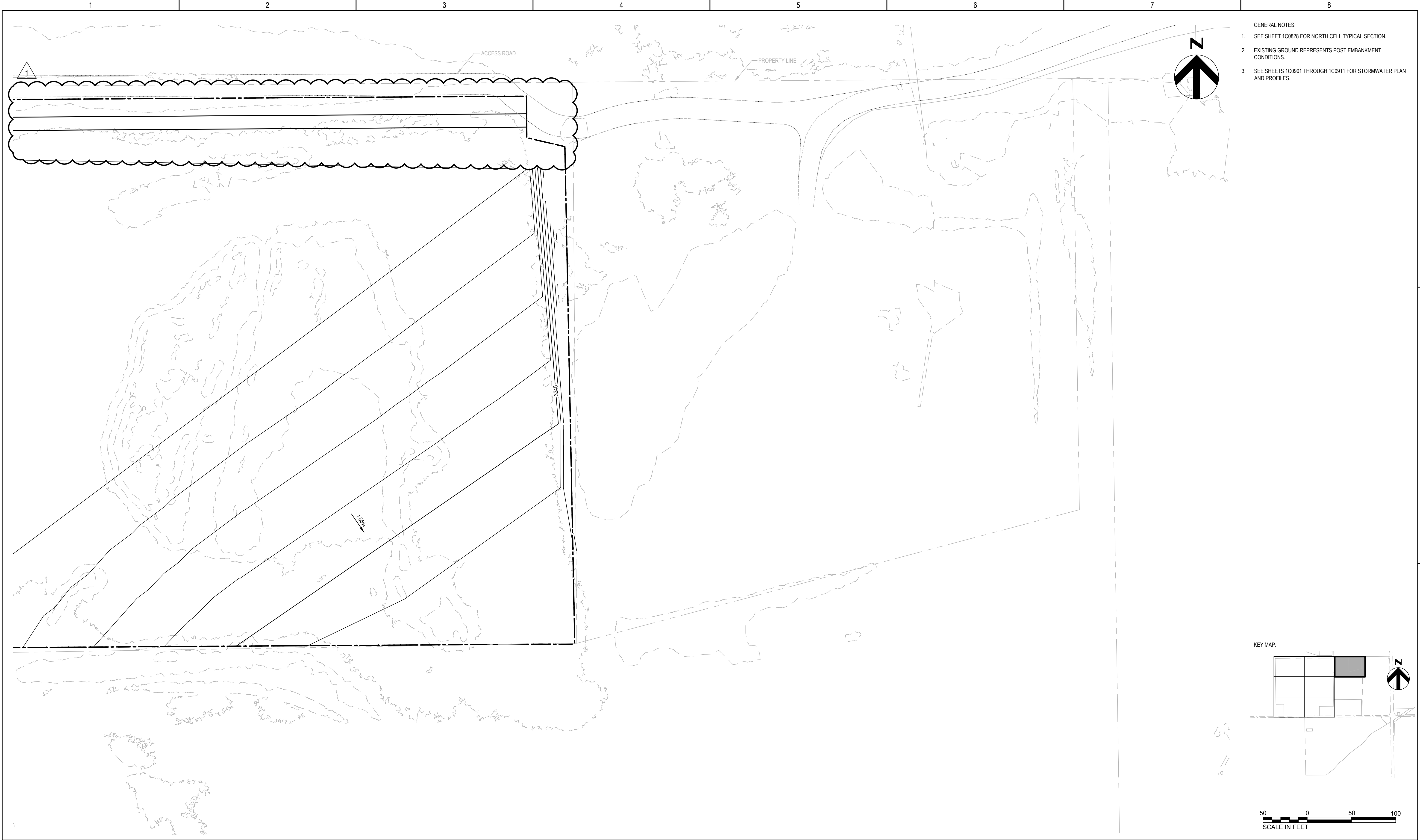
1C0836.dwg

1" = 50'



SHEET
1C0836

C:\Users\JROSEN~1\AppData\Local\Temp\AcPublish_3748411C0837.dwg
01/28/2026 7:25am JROSENBAUM



- GENERAL NOTES:
- SEE SHEET 1C0828 FOR NORTH CELL TYPICAL SECTION.
 - EXISTING GROUND REPRESENTS POST EMBANKMENT CONDITIONS.
 - SEE SHEETS 1C0901 THROUGH 1C0911 FOR STORMWATER PLAN AND PROFILES.



HDR ENGINEERING, INC.
970 S 29 ST W
BILLINGS, MT 59102
(406) 656-8100

1	JAN 2026	ADDENDUM #1
	JAN 2026	ISSUE FOR 60% REVIEW
ISSUE	DATE	DESCRIPTION

PROJECT MANAGER	C. HABBEN
CIVIL	C. HABBEN
STRUCTURAL	J. BEARD
ARCHITECTURAL	-
PROCESS	K. CHRISTOFANELLI
MECHANICAL	-
ELECTRICAL	L. KIRMEYER
INSTRUMENTATION	P. BARRY
PROJECT NUMBER	10126753

PRELIMINARY
NOT FOR CONSTRUCTION
OR RECORDING



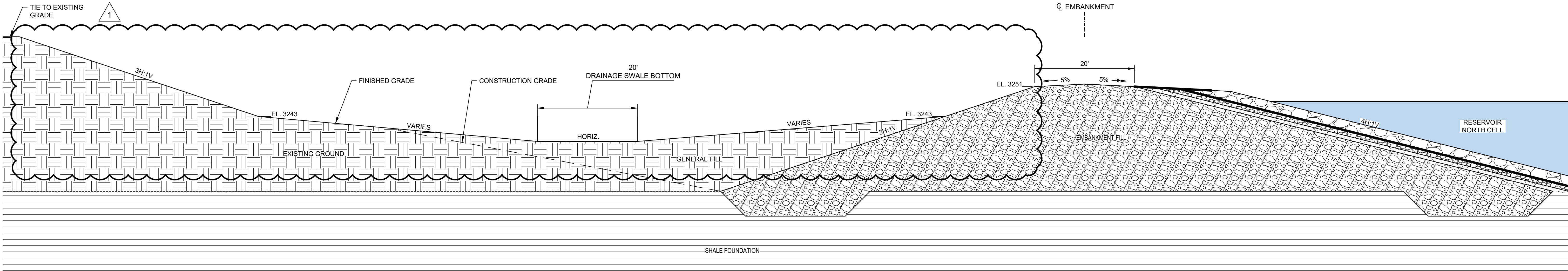
West End Water Facility
City of Billings, MT
W.O. 19-12
WEST END
RESERVOIR

CIVIL
RESERVOIR NORTH CELL
EMBANKMENT EXTERIOR GRADING
ENLARGED PLAN 7

FILE NAME 1C0837.dwg
SCALE 1" = 50'
0 1" 2"

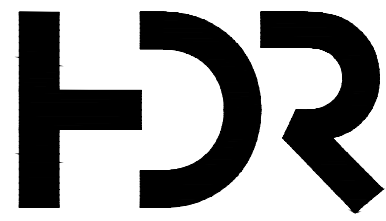
SHEET
1C0837

C:\Users\JROSEN\1\ApdData\Local\Temp\AcP\publish_374841\1C0838.dwg
01/28/2026 7:25am JROSENBAUM



RESERVOIR EMBANKMENT EXTERIOR TYPICAL SECTION

SCALE 1" = 10'



HDR ENGINEERING, INC.
970 S 29 ST W
BILLINGS, MT 59102
(406) 656-8100

ISSUE	DATE	DESCRIPTION
	JAN 2026	ISSUE FOR 60% REVIEW
	JULY 2025	ISSUE FOR 30% REVIEW

PROJECT MANAGER	C. HABBEN
CIVIL	C. HABBEN
STRUCTURAL	J. BEARD
ARCHITECTURAL	-
PROCESS	K. CHRISTOFANELLI
MECHANICAL	-
ELECTRICAL	L. KIRMEYER
INSTRUMENTATION	P. BARRY
PROJECT NUMBER	10126753

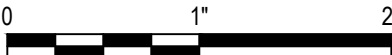
**PRELIMINARY
NOT FOR CONSTRUCTION
OR RECORDING**



West End Water Facility
City of Billings, MT
W.O. 19-12
WEST END
RESERVOIR

**CIVIL
RESERVOIR NORTH CELL
EMBANKMENT EXTERIOR TYPICAL SECTION**

FILE NAME 1C0838.dwg
SCALE AS NOTED



SHEET
1C0838

