

Photo on this page shows storm damage sediment in Bay 2

Additional Dredging Area



NOTES:

1. THE COLORED (RED AND BLACK) SURFACE SHOWN REFLECTS THE AREA PLANNED FOR DREDGING IN 2019 - 2020.
2. RED SHADED AREAS ARE WITHIN THE PLANNED DREDGING LIMITS. NOTE: CONTRACTOR NEED NOT DREDGE ANY AREAS LESS THAN 10 FEET IN WIDTH. NO SHADING OR BLACK AREAS ARE NOT PLANNED TO BE DREDGED.
3. DREDGING IS PLANNED TO START AT A 10-FOOT OFFSET FROM THE SHORE AND EXTEND TO EL. 910.77 FEET (5.0 FEET BELOW NORMAL WATER SURFACE ELEVATION) AT 3H:1V SIDE SLOPES.
4. THE CONTOURS AND SPOT ELEVATION LABELS REFLECT THE OCTOBER 2018 HYDROSURVEY.
5. CONTRACTOR SHALL DREDGE TO EITHER THE NOTED DEPTH OR TO ORIGINAL LAKE BOTTOM, WHICHEVER IS LESS. ORIGINAL LAKE BOTTOM SHALL BE INTERPRETED AS ANY BED MATERIAL THAT IS MORE RESISTANT TO REMOVAL. (I.E. - HARD PAN, MORE DENSELY COMPACTED SEDIMENTS, BEDROCK, ETC.)

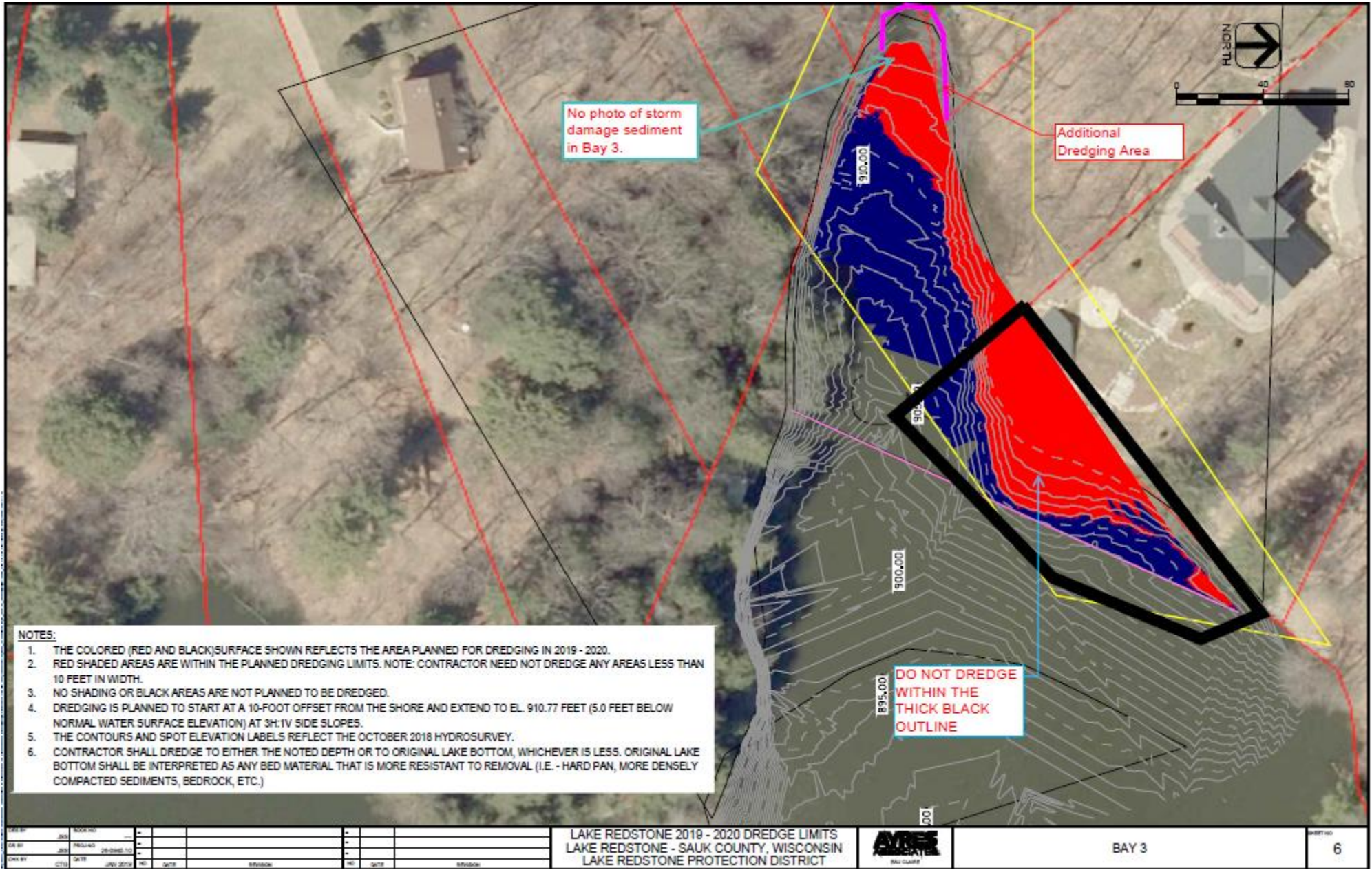
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LAKE REDSTONE 2019 - 2020 DREDGE LIMITS
 LAKE REDSTONE - SAUK COUNTY, WISCONSIN
 LAKE REDSTONE PROTECTION DISTRICT



BAY 2

SHEET NO. 5



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DATE BY	2/20	REVISION							
DATE BY	2/20	REVISION	20-0248-10						
DATE BY	1/13	DATE	JANU 2013	NO	DATE		REVISION		

LAKE REDSTONE 2019 - 2020 DREDGE LIMITS
 LAKE REDSTONE - SAUK COUNTY, WISCONSIN
 LAKE REDSTONE PROTECTION DISTRICT



BAY 3

SHEET NO.
6

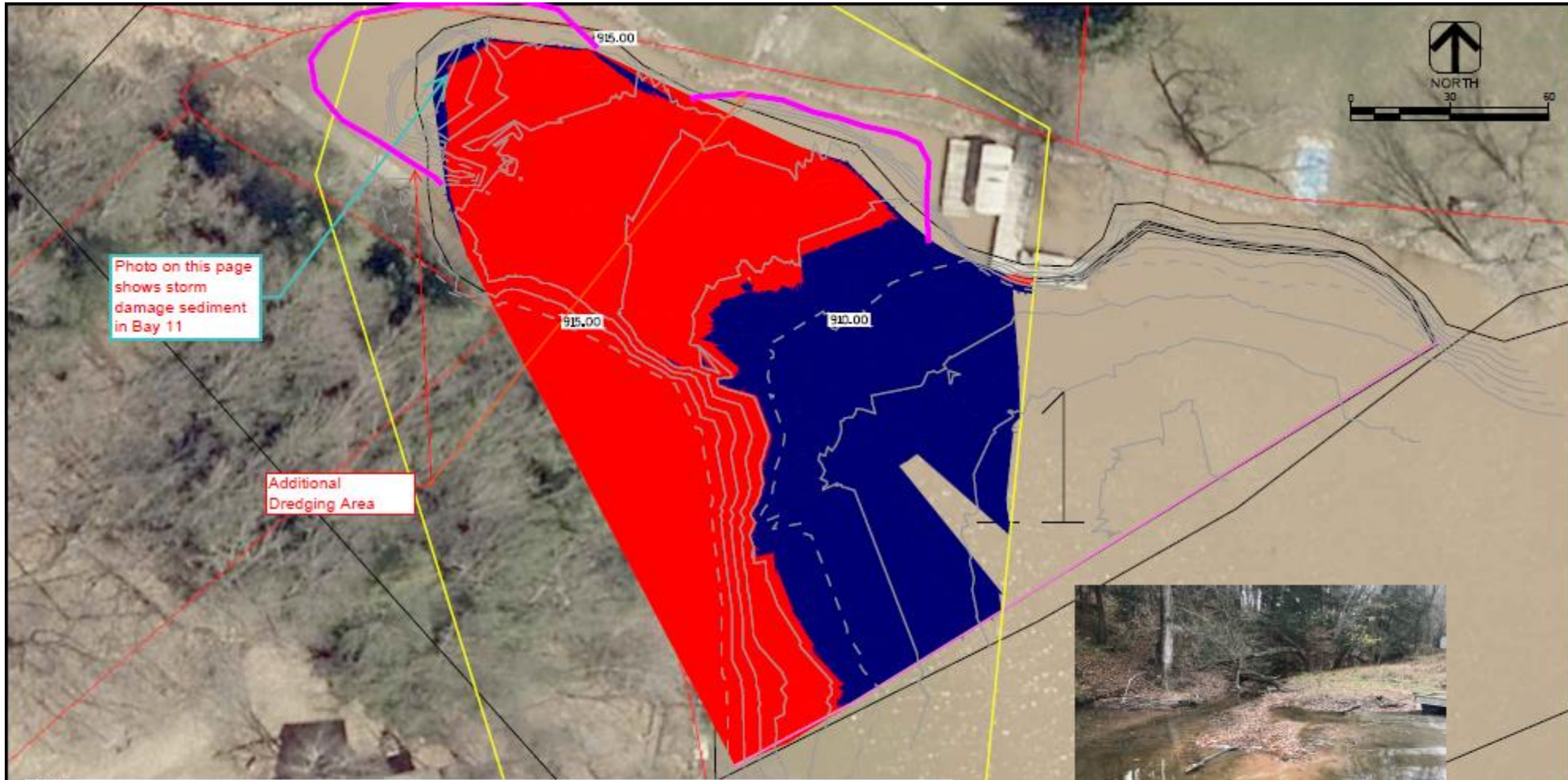


Photo on this page shows storm damage sediment in Bay 11

Additional Dredging Area



NOTES:

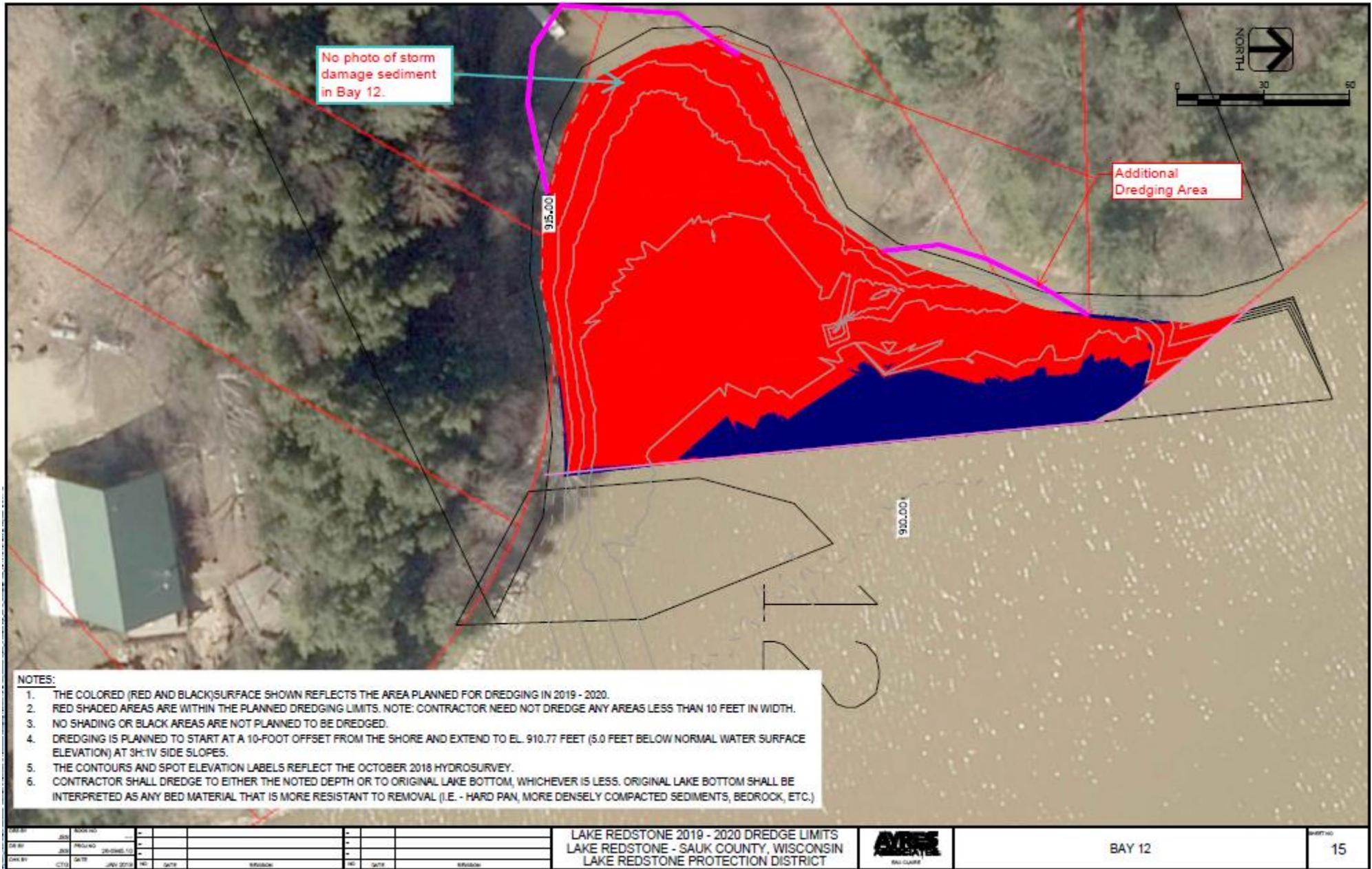
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DATE	BY	REVISION
JUN 2019	JOB	
	DESIGNED	
	DRAWN	
	CHECKED	

LAKE REDSTONE 2019 - 2020 DREDGE LIMITS
 LAKE REDSTONE - SAUK COUNTY, WISCONSIN
 LAKE REDSTONE PROTECTION DISTRICT



BAY 11



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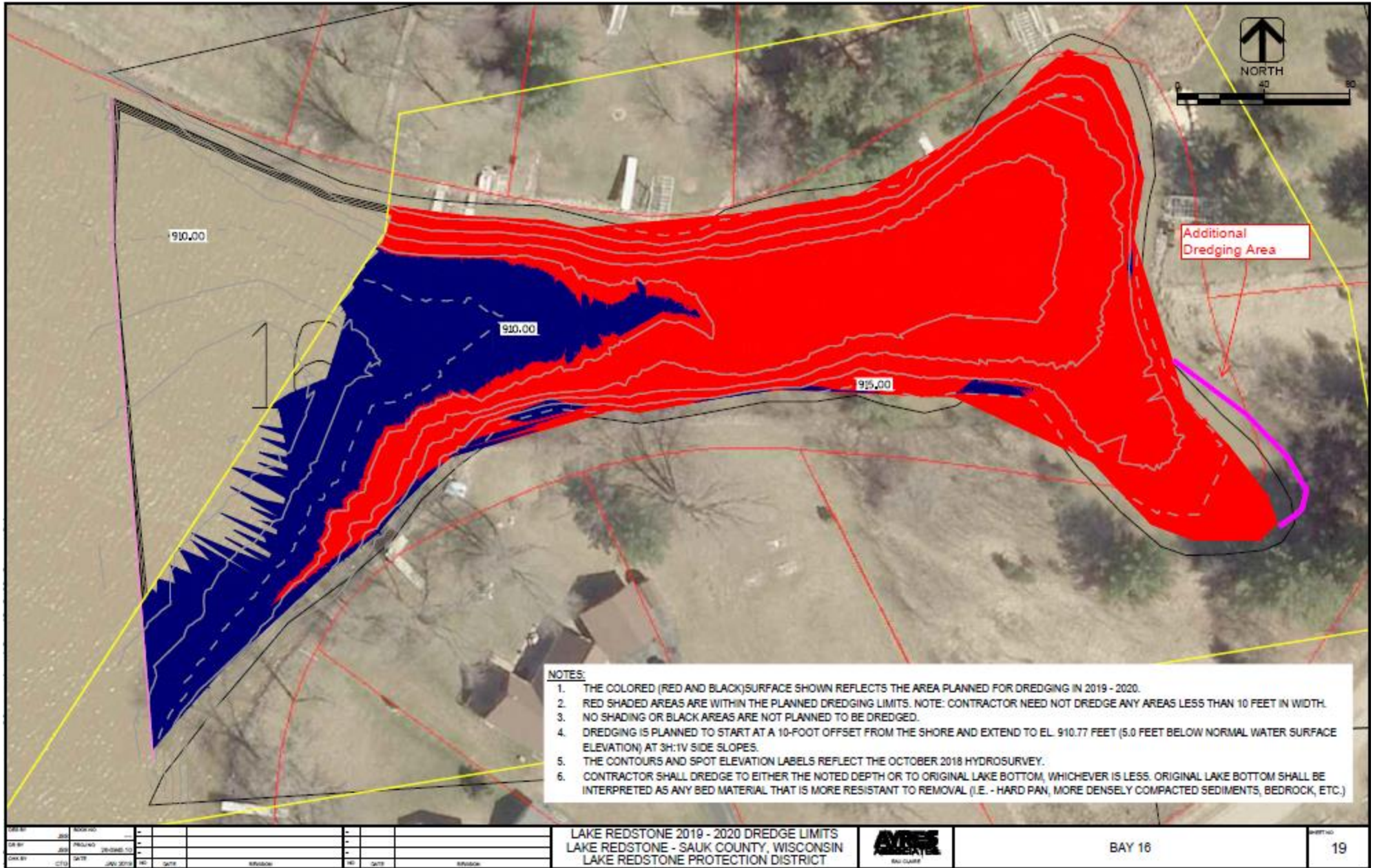
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DATE BY	2/20	PROJECT NO.	2019-0985-110						
DATE BY	02/19	DATE	JUNE 2019	NO.	DATE				

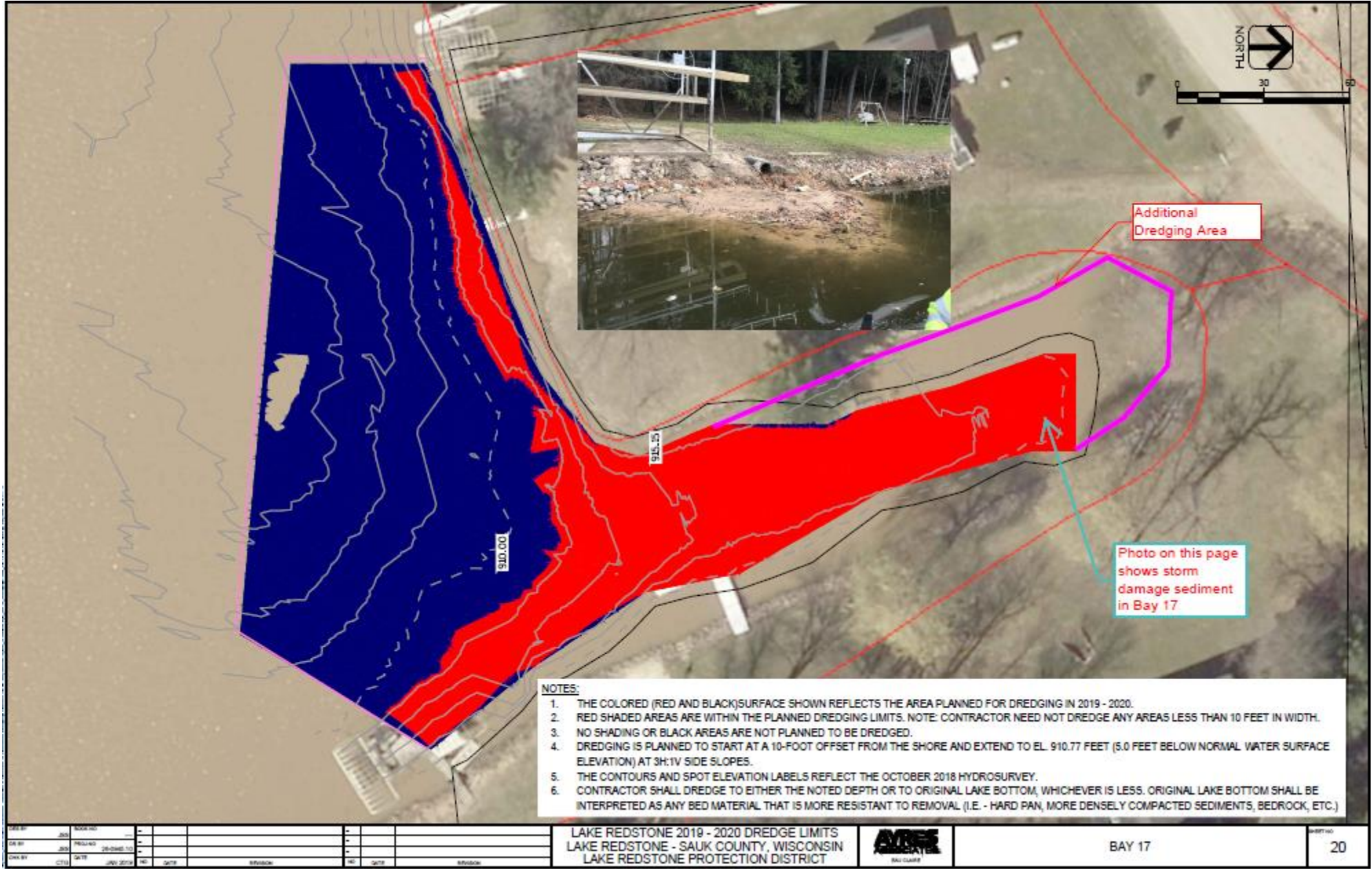
LAKE REDSTONE 2019 - 2020 DREDGE LIMITS
 LAKE REDSTONE - SAUK COUNTY, WISCONSIN
 LAKE REDSTONE PROTECTION DISTRICT



BAY 12

15





NOTES:

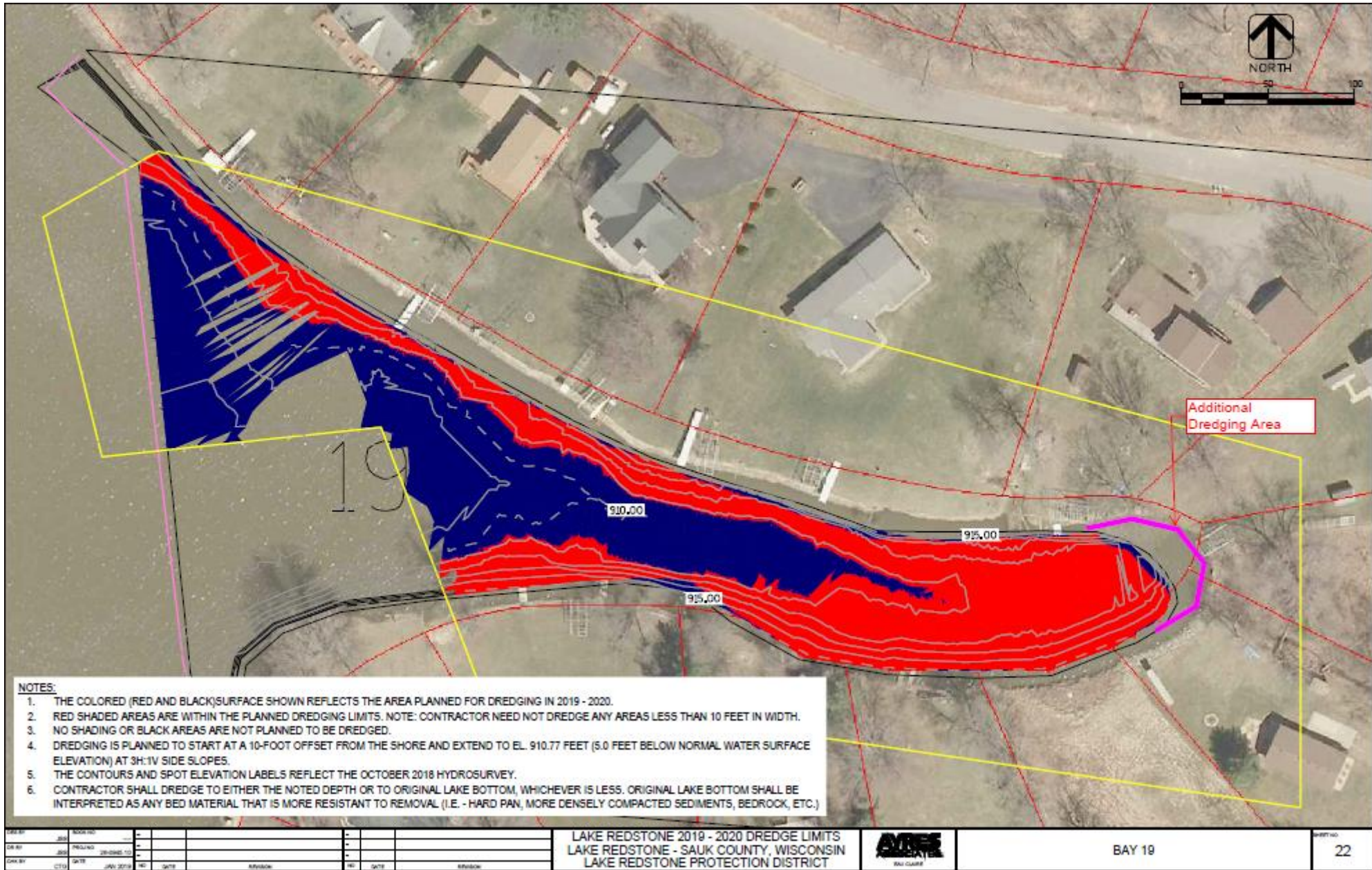
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DATE	BY	REVISION	DATE	BY	REVISION

LAKE REDSTONE 2019 - 2020 DREDGE LIMITS
 LAKE REDSTONE - SAUK COUNTY, WISCONSIN
 LAKE REDSTONE PROTECTION DISTRICT



BAY 17



- NOTES:**
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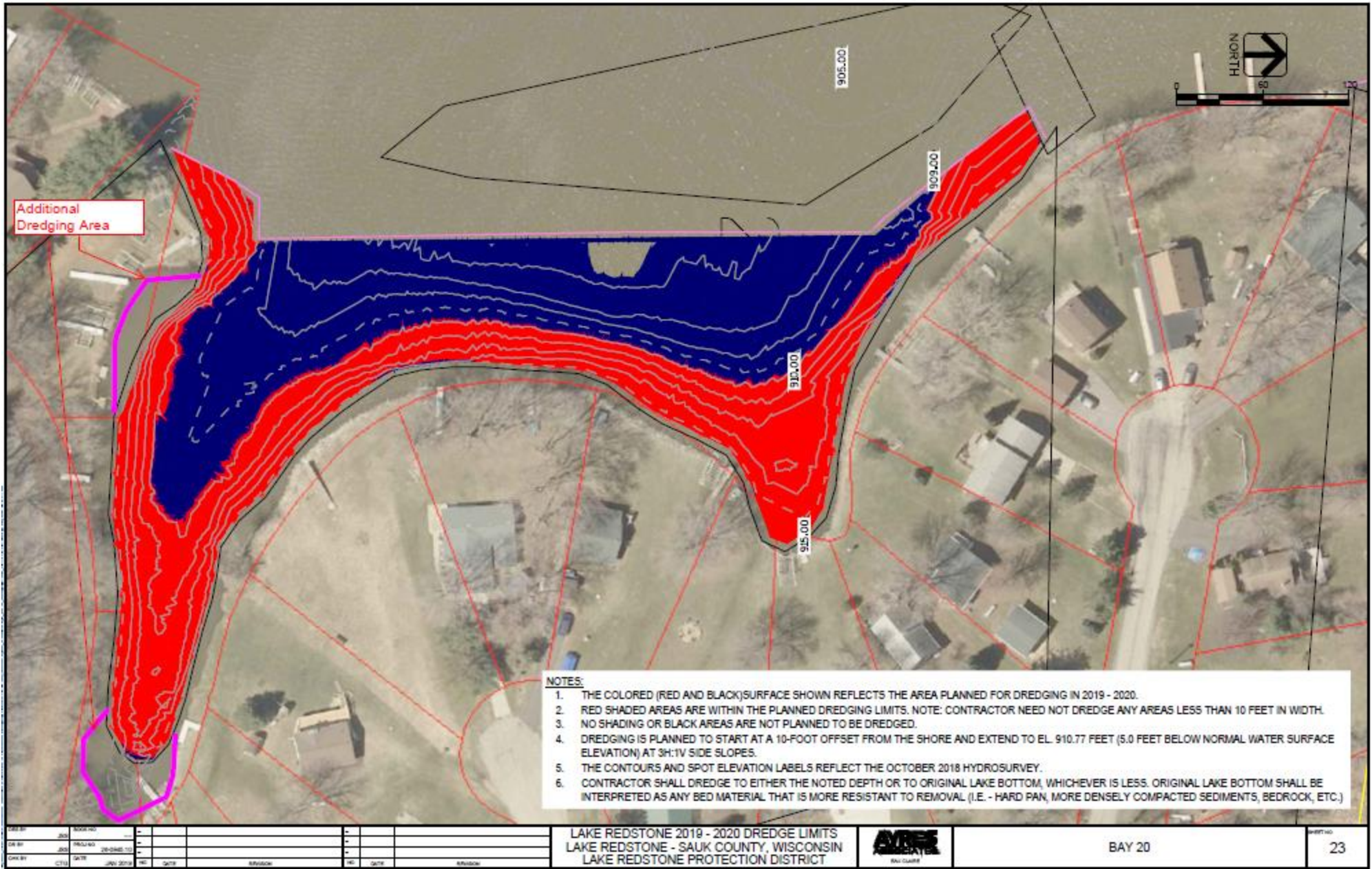
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01/10	SKT	01-0000-02			
01/10	SKT	01-0000-03			

LAKE REDSTONE 2019 - 2020 DREDGE LIMITS
 LAKE REDSTONE - SAUK COUNTY, WISCONSIN
 LAKE REDSTONE PROTECTION DISTRICT



BAY 19

22



Additional
Dredging Area

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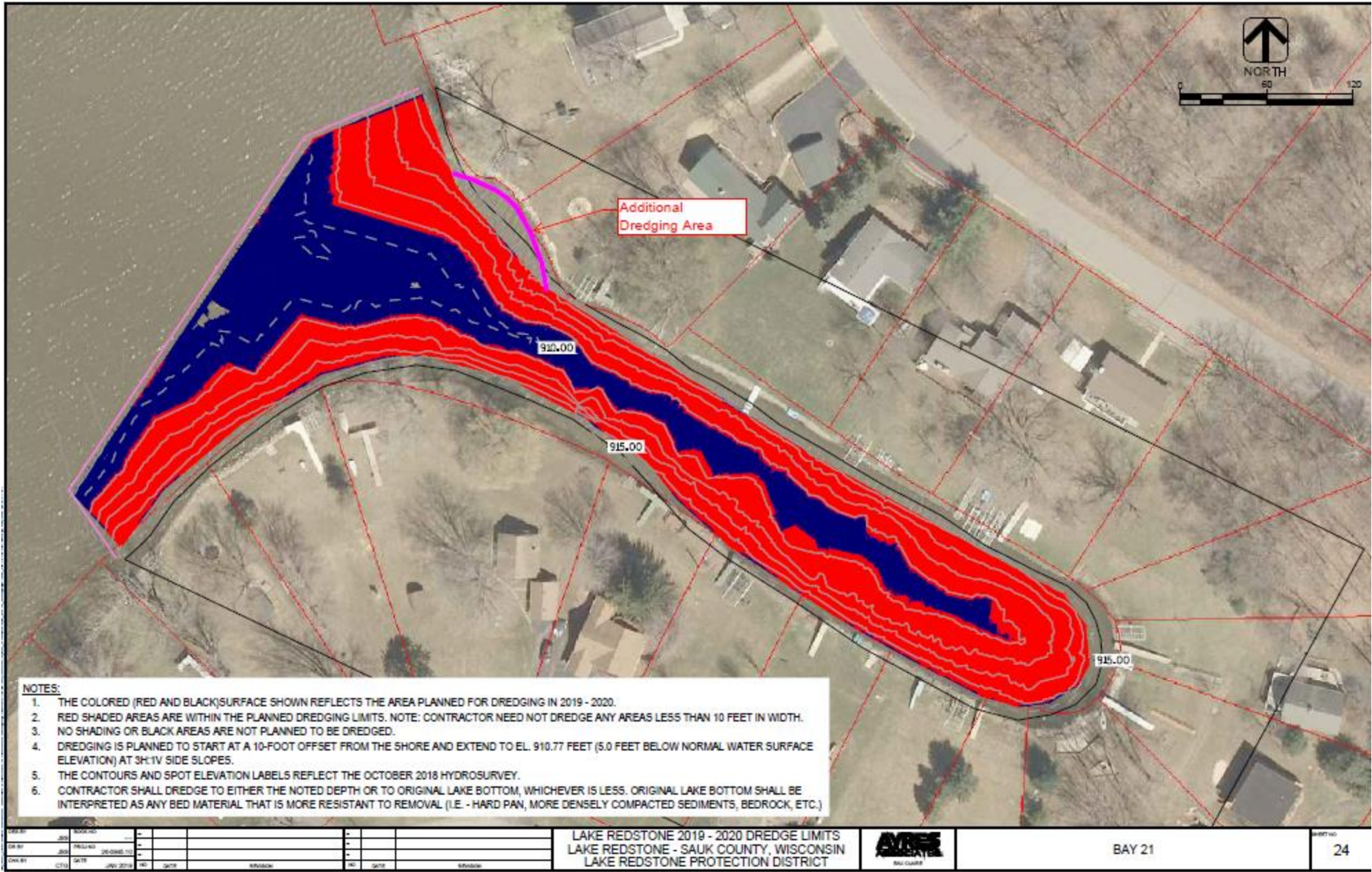
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LAKE REDSTONE 2019 - 2020 DREDGE LIMITS
LAKE REDSTONE - SAUK COUNTY, WISCONSIN
LAKE REDSTONE PROTECTION DISTRICT



BAY 20

23



Additional
Dredging Area

910.00

915.00

915.00

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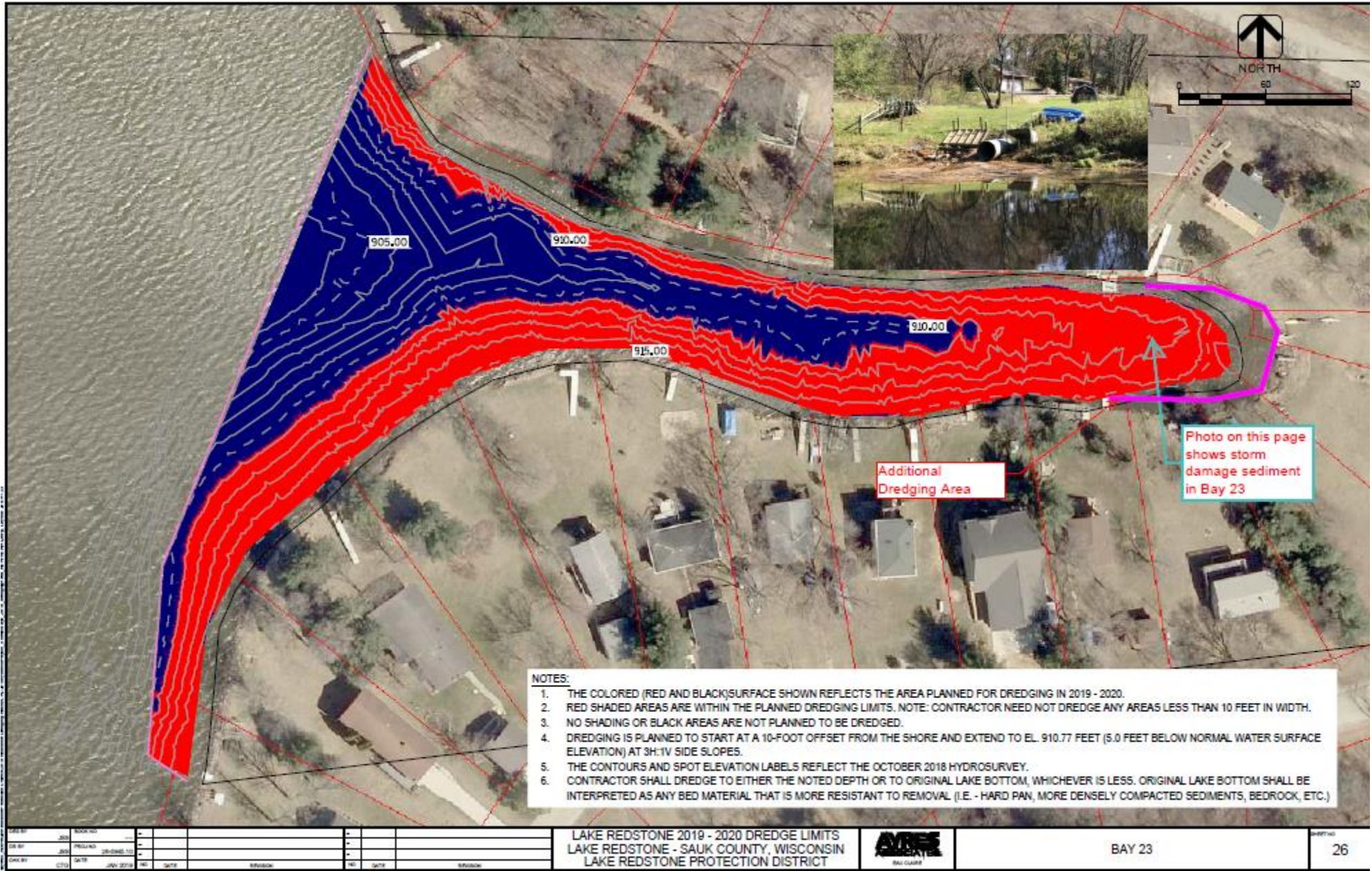
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BY	JCS	DATE	2/24	PROJECT	LAKE REDSTONE PROTECTION DISTRICT
BY	JCS	DATE	2/24	PROJECT	LAKE REDSTONE PROTECTION DISTRICT

LAKE REDSTONE 2019 - 2020 DREDGE LIMITS
LAKE REDSTONE - SAUK COUNTY, WISCONSIN
LAKE REDSTONE PROTECTION DISTRICT



BAY 21

24



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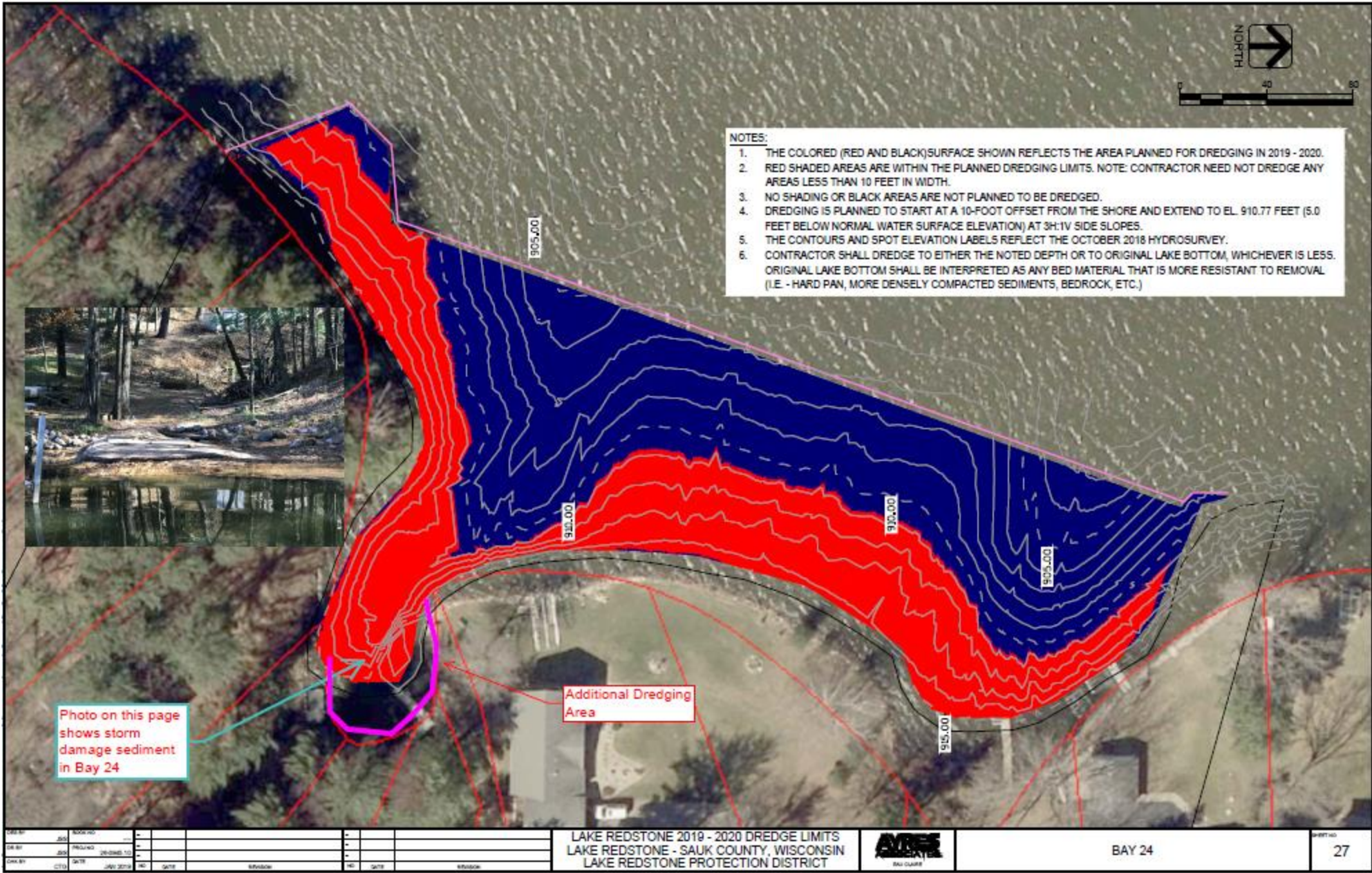
DATE	2018	BOOK NO.							
DATE	2018	PROJECT NO.	2018-0945-10						
DATE	2018	DATE	JAN 2019	NO.	DATE	REVISION	NO.	DATE	REVISION

LAKE REDSTONE 2019 - 2020 DREDGE LIMITS
 LAKE REDSTONE - SAUK COUNTY, WISCONSIN
 LAKE REDSTONE PROTECTION DISTRICT



BAY 23

26



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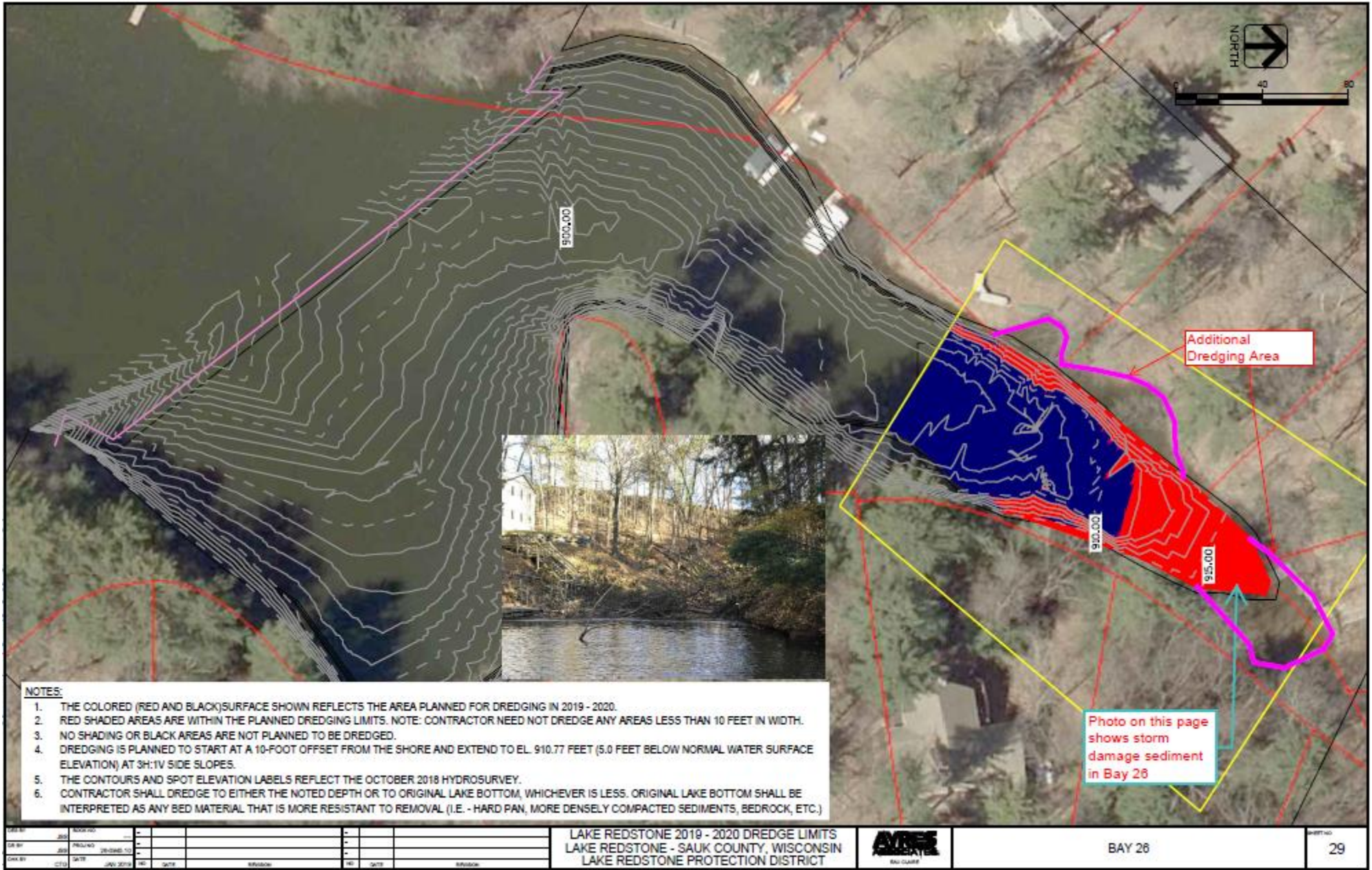
Photo on this page shows storm damage sediment in Bay 24

Additional Dredging Area

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
08/11/2019	JOS	PROJECT			
08/11/2019	JOS	PROJECT			
08/11/2019	JOS	PROJECT			

LAKE REDSTONE 2019 - 2020 DREDGE LIMITS
 LAKE REDSTONE - SAUK COUNTY, WISCONSIN
 LAKE REDSTONE PROTECTION DISTRICT





NOTES:

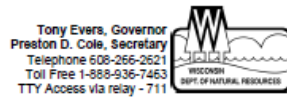
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Photo on this page shows storm damage sediment in Bay 26

DATE	BY	REVISION							
08/19/2019	JAS	PROJ	20-0345-10						
08/19/2019	JAS	DATE							
07/10	JAS	DATE							

LAKE REDSTONE 2019 - 2020 DREDGE LIMITS
 LAKE REDSTONE - SAUK COUNTY, WISCONSIN
 LAKE REDSTONE PROTECTION DISTRICT





July 3, 2019

IP-SC-2018-57-00802

Lake Redstone Protection District
PO Box 313
La Valle, WI 53941

Dear LRPD:

Re: Amendment to Permit to remove materials from the bed of Lake Redstone, Sauk County

We have reviewed your request to amend permit IP-SC-2018-57-00802, which is to remove materials from the bed of Lake Redstone, Town of La Valle, Sauk County.

Your request is approved with certain conditions and limitations. Attached is a copy of the Permit Amendment containing new conditions, along with a copy of your original permit which is still in effect unless otherwise noted.

If you have any questions about this permit amendment, please call me at (808) 275-3228 or email Jeff.Schure@wisconsin.gov.

Sincerely,

Jeff J. Schure

Jeff Schure
Water Management Specialist

cc: Kyle Zibung, Project Manager, (651) 290-5877, Stevens Point Field Office, 2926 Post Road, Suite B, Stevens Point, WI 54481 U.S. Army Corps of Engineers
Lisa Wilson, Sauk County Zoning Administrator
Al Dunn, Water Works Marine
Janelle Skoyen, Ayres Associates
James Martin, WDNR
Travis Schroder, WDNR
Nate Nye, WDNR

STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES

PERMIT AMENDMENT
IP-SC-2018-57-00802

PERMIT AMENDMENT

Lake Redstone Protection District, PO Box 313, La Valle, WI 53941 is hereby granted under Section 30.20(2), Wisconsin Statutes, an amendment to permit number IP-SC-2018-57-00802, which authorized the permittee to remove materials from the bed of Lake Redstone, located in the in the SW1/4 of the NW1/4 of Section 13, Township 13 North, Range 03 East, Town of La Valle, Sauk County. This is an approved amendment to allow for mechanical dredging instead of hydraulic dredging. The applicant is bound by the conditions of the original permit and by any conditions of this amendment.

AMENDED PERMIT CONDITIONS

1. All original permit conditions remain in effect, except where modified by the amended permit conditions below.
2. If at any time resuspension of material (turbidity) is noticed outside the containment of installed silt booms, the activities of dredging, offloading and any other activity causing the turbidity shall be immediately stopped until a new method of containment can be put in place.
3. This permit relates to the plans and specifications dated March 2019 for the "LAKE REDSTONE DREDGING 2019 – 2020" proposed project. This permit approval is in agreement with the dredging work proposed by the project, which includes the following:
 - a) With the exception of dredging recent near shore storm damage sediment deposits (detailed in the item below), the general limits for dredging on this project include:
 - i) No dredging within a 10 foot offset from the shoreline in areas where storm damage deposits are not present.
 - ii) Dredging at a maximum grade of 3H: 1V to the desired lake bed elevation of either 910.77 feet or 909.77 feet (corresponding to approximately 5 or 6 feet below ordinary high water mark).
 - iii) If downed woody debris is encountered within the dredging limits that is protruding above the existing lake bed it shall either be left in place or temporarily relocated elsewhere in the bay to dredge the area around and below it to desired lake bed elevation and then replaced.
 - iv) If buried objects are encountered under the existing lake bed elevation (i.e.: buried woody or non-woody debris), they may be removed as part of the dredging work.
 - b) Dredging of near shore storm damage sediment deposits is defined as removal of limited areas near the ends of the following bays: 2, 3, 4, 5, 6, 7, 10, 11, 12, 13, 17, 18-main, 18-channel, 20, 23, 24, and 26. The intent of dredging the near shore storm damage deposits is to remove the accumulation of sediment that was deposited during storm storms in late August – early September 2018. Photographs of the storm damage in several of these bays was provided in the Appendix B of the project specifications. The general limits for dredging work in these areas include:

- i) Dredging is allowed to restore the shoreline established prior to the August -early September 2018 flooding (i.e. – these areas are exempt from the 10 foot offset from shoreline).
 - ii) Dredging at a maximum of 3H: 1V slope from the shoreline to the desired lake bed elevation (as defined in item above).
 - iii) If storm damage debris is located within these limited areas, that will be removed with the dredging work.
4. In any area where overhanging tree branches limit equipment access to an area, the branches may be temporarily tied off to allow for access to the area.
 5. LRPD and LRFC will coordinate with Nate Nye from fisheries for 2020 restocking efforts.
 6. The contractor must make a concerted effort to work in North bays before South Bays due to resource concerns.

