

WISCONSIN
CHIPPEWA COUNTY

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I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY PERSONAL DIRECTION AND CONTROL AND THAT I AM A DULY REGISTERED PROFESSIONAL UNDER THE LAWS OF THE STATE OF WISCONSIN.

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Dial **811** or (800) 242-8511
www.DiggersHotline.com

LOCATION MAP
WHEATON BOAT LAUNCH

—PROJECT
LOCATION

JOB NO.
3984-O10

BOOK NO.

DRAWN BY
D B

CHECKED BY
XX

DATE
JAN. 2022

REVISIONS

REFERENCE FILE

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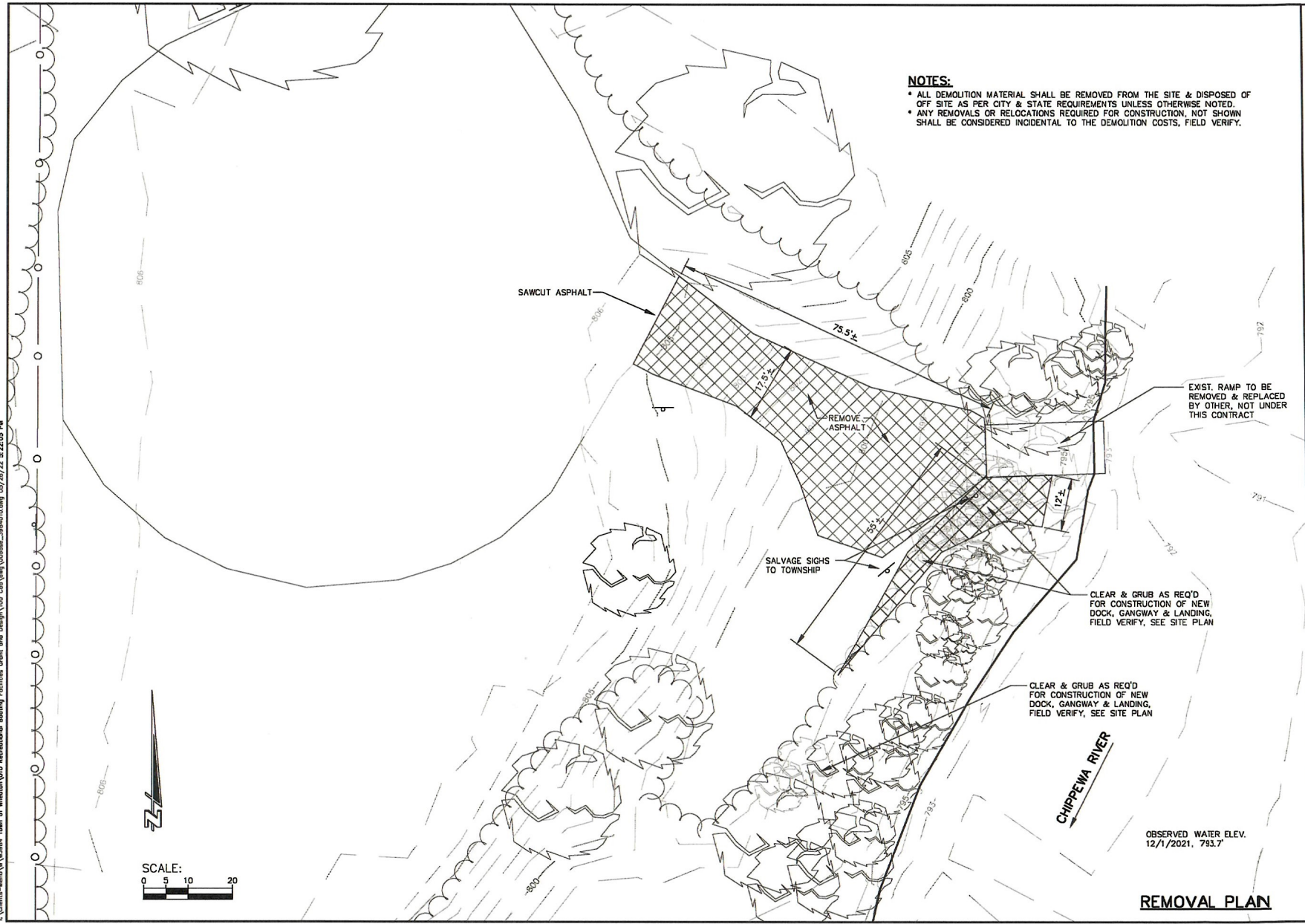
<p>15497 N. Washington Ave. Suite 200 Minneapolis, MN 55412 Tel: 612-251-3633 Fax: 612-251-3586</p>	<p>1402 Madison Street Suite 200 Dallas, TX 75201 Tel: 972-481-9431 Fax: 972-481-5824</p>	<p>604 Wilson Ave. Suite 100 Hingham, MA 01931 Tel: 508-735-2327 Fax: 508-735-2327</p>
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NEW PUBLIC DOCK
TOWN OF WHEATON BOAT LAUNCH
106th STREET
TOWN OF WHEATON, WI

SHEET NO.

C1.0

\\Clients-Memo\W\W18184 Town of Wheaton\010 Recreational Boating Facilities\Draw and Design\100 Conf\Fig\00base_3984010.dwg 05/26/22 5:22:05 PM



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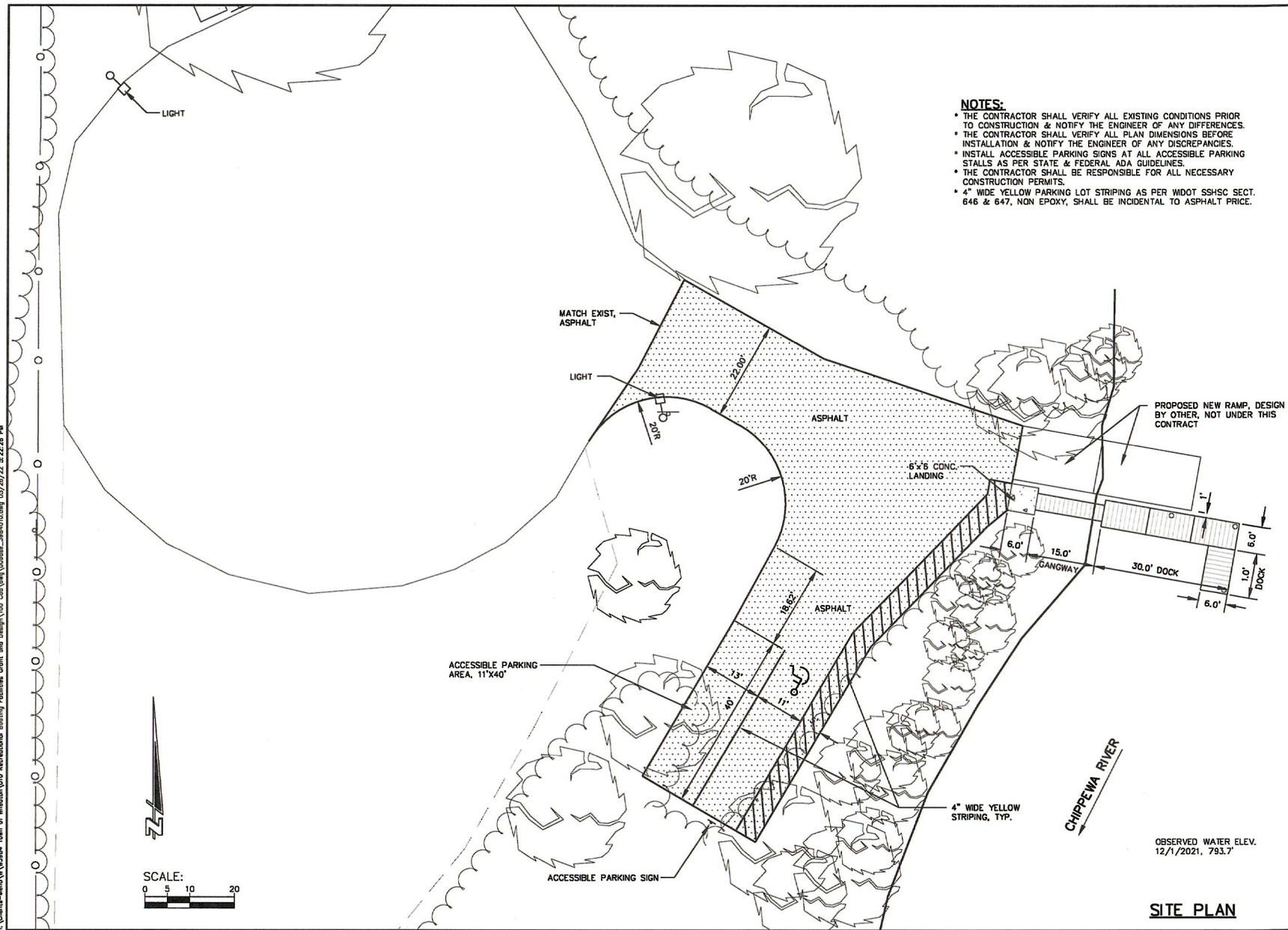
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**NEW PUBLIC DOCK
TOWN OF WHEATON BOAT LAUNCH
106th STREET
TOWN OF WHEATON, WI**

SHEET NO.
C12

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- NOTES:**
- THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION & NOTIFY THE ENGINEER OF ANY DIFFERENCES.
 - THE CONTRACTOR SHALL VERIFY ALL PLAN DIMENSIONS BEFORE INSTALLATION & NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
 - INSTALL ACCESSIBLE PARKING SIGNS AT ALL ACCESSIBLE PARKING STALLS AS PER STATE & FEDERAL ADA GUIDELINES.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY CONSTRUCTION PERMITS.
 - 4" WIDE YELLOW PARKING LOT STRIPING AS PER WDOT SSHSC SECT. 646 & 647, NON EPOXY, SHALL BE INCIDENTAL TO ASPHALT PRICE.

OBSERVED WATER ELEV.
12/1/2021, 793.7'

SITE PLAN

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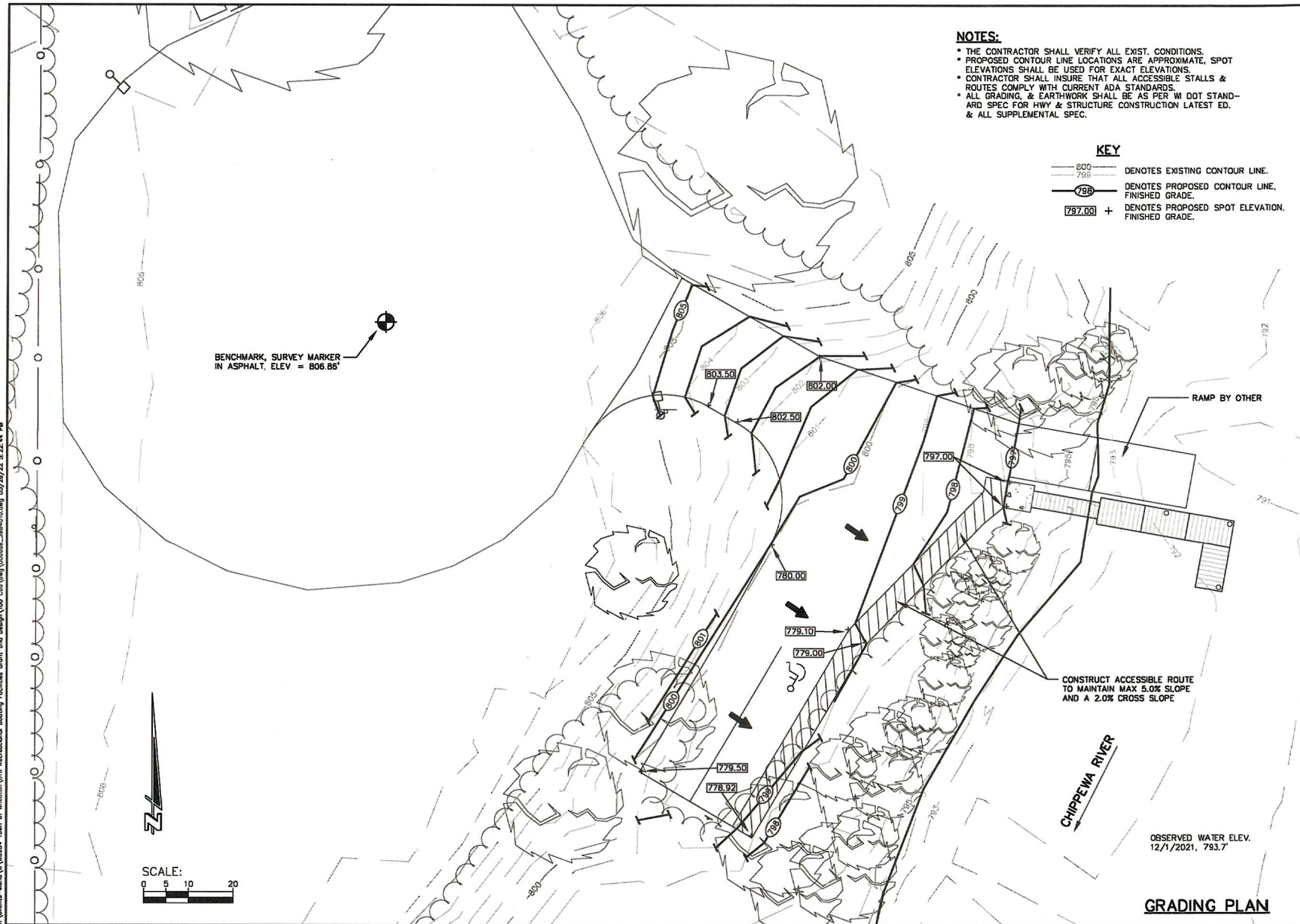
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**NEW PUBLIC DOCK
TOWN OF WHEATON BOAT LAUNCH
106th STREET
TOWN OF WHEATON, WI**

SHEET 12

C12

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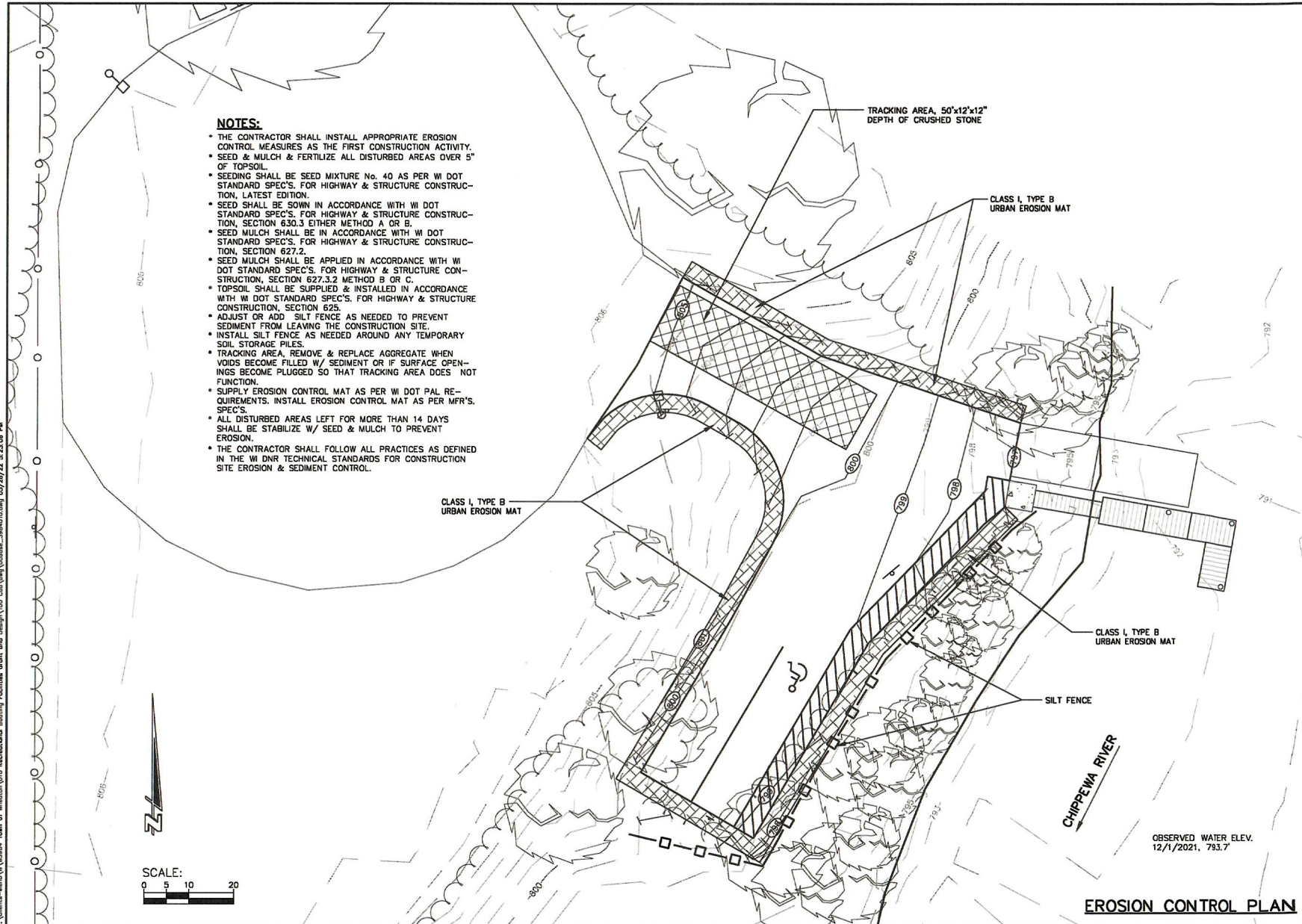
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Wheaton, IL 60187
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FAX: 815-398-3001

624 Midway Ave.
Wheaton, IL 60187
TEL: 815-398-3000
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NEW PUBLIC DOCK
TOWN OF WHEATON BOAT LAUNCH
106th STREET
TOWN OF WHEATON, WI

SHEET NO.
C14

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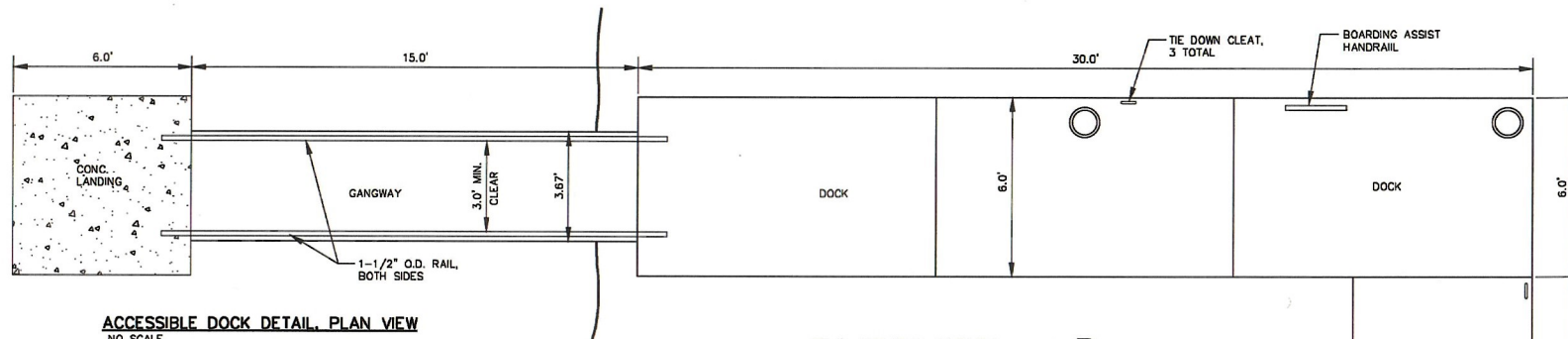
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**NEW PUBLIC DOCK
TOWN OF WHEATON BOAT LAUNCH
106th STREET
TOWN OF WHEATON, WI**

SHEET NO.
C15



ACCESSIBLE DOCK DETAIL, PLAN VIEW
NO SCALE

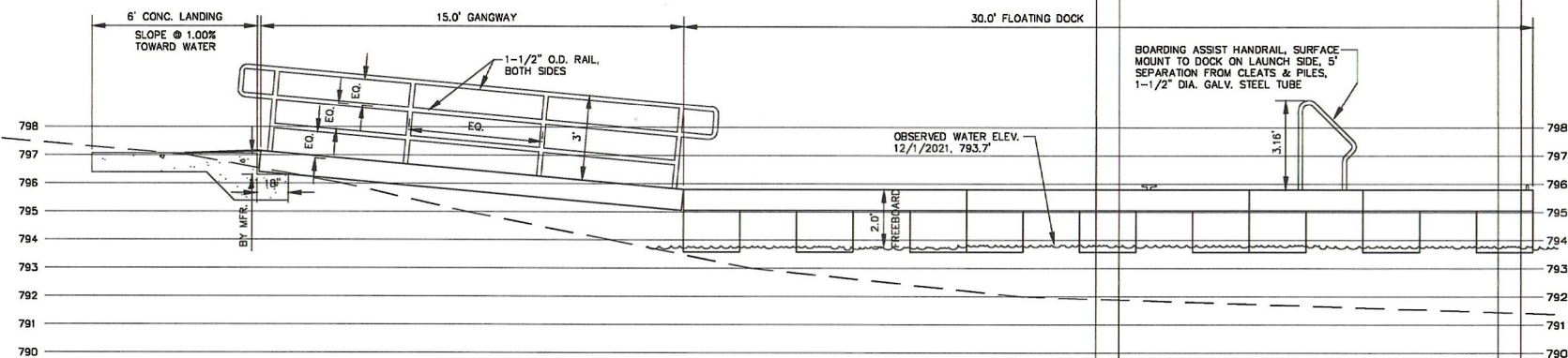
NOTES:

- ALL METAL USED ON DOCK & GANGWAY SHALL BE ALUMINUM OR STAINLESS STEEL.
- ALL TRAFFIC SURFACES OF DOCK SHALL BE OF AN NON-SLIP WET & DRY.
- ALL TRAFFIC SURFACES OF GANGWAY SHALL BE OF AN ALUMINUM NON-SLIP TYPE, WET & DRY.
- DOCK BUMPERS SHALL BE PROVIDED FOR ALL DOCK SECTIONS, BOTH SIDES, GRAY IN COLOR.
- GANGWAYS SHALL HAVE ADEQUATE FLOTATION TO BE BUOYANT DURING HIGH WATER.
- THE FLOATING STRUCTURES SHALL BE DESIGNED TO RESIST A 400 POUND POINT LOAD AT ANY POINT ON THE MAIN DOCK WITHOUT VIOLATION OF THE FREEBOARD OR TORSION DESIGN REQUIREMENT.
- THE SYSTEM SHALL BE DESIGNED TO RESIST TORSIONAL FORCES TO THE EXTENT THAT THERE SHALL BE NO MORE THAN 3" FREEBOARD VARIATION PER 100' OF ANY LENGTH AS MEASURED IN ANY DIRECTION & UNDER ANY COMBINATION OF SPECIFIED VERTICAL & HORIZONTAL LOAD CONDITIONS EXCEPT WAVE ACTION LOADS.
- ADDITIONAL FLOTATION SHALL BE ADDED TO THE FLOATING DOCK WHERE NEEDED TO SUPPORT THE COMBINED DOCK AND GANGWAY LOADS WITHOUT PRODUCING UNDUE DISTORTION IN THE FLOATING STRUCTURE.
- DOCK SURFACE AND STRUCTURAL FRAME LIVE LOAD SHALL BE EQUAL TO 50 P.S.F. APPLIED TO THE FULL SURFACE AREA OF THE DOCK.
- CONTRACTOR SHALL SUBMIT FLOATING DOCK SYSTEM SHOP DRAWINGS TO ENGINEER FOR APPROVAL BEFORE MANUFACTURING. SHOP DRAWINGS SHALL BE SIGNED & STAMPED BY A WI REGISTERED ENGINEER.
- DRIVE 10" dia. PILES TO 15 TONS, 20' MIN. EMBEDMENT.
- FILL 10" dia. PILES W/ CONCRETE, FINISH & CHAMFER TOPS.
- PAINT 10" dia. STEEL PILES TO CONFORM TO THE REQUIREMENTS OF THE EPOXY SYSTEM OR THE VINYL SYSTEM, AS PER WI DOT STANDARD SPECS. FOR HWY. & STRUCTURE CONST., CONTRACTOR SHALL SUBMIT PROP. PAINTING SYSTEM TO ENGINEER FOR APPROVAL.
- FLOATING DOCKS SHALL BE CONSTRUCTED IN SECTIONS SO THAT DOCKS CAN BE REMOVED FOR MAINTENANCE.

TOP OF STEEL PILES, 816.00, FILL
PILES W/ CONC., CHAMFER TOPS, TYP.

10" DIA. STEEL PILE, TYP.

TOP OF STEEL PILES, 816.00, FILL
PILES W/ CONC., CHAMFER TOPS, TYP.



ACCESSIBLE DOCK DETAIL, ELEVATION
NO SCALE

DETAILS

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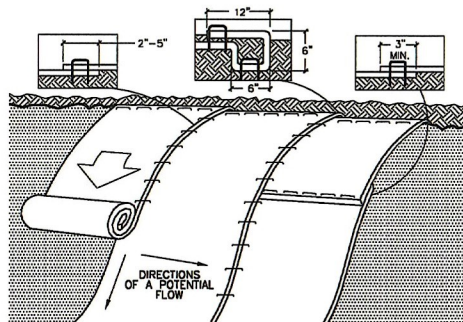
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SHEET NO.

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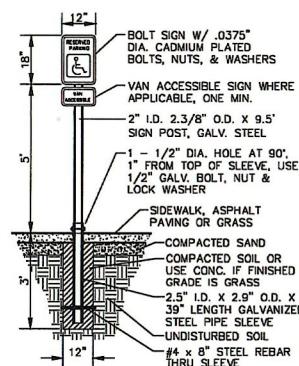
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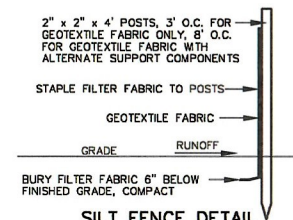
- * PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL MAT, INCLUDING GRADING, TOPSOIL, SEED & FERTILIZER.
- * BEGIN AT TOP OF SLOPE, BY ANCHORING MAT IN TRENCH. INSTALL STAPLES 12" APART, SEE DETAIL.
- * ROLL MAT DOWN SLOPE AS SHOWN. FASTEN MAT TO SOIL SURFACE W/ STAPLES. STAPLE PATTERN GUIDE BY MFR.
- * OVERLAP MAT AS PER MFRS. SPEC.
- * NORTH AMERICAN GREEN, USA 1-800-772-2040, www.nogreen.com.

EROSION CONTROL MAT DETAIL NO SCALE



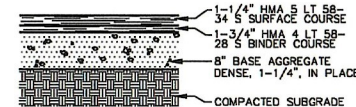
ACCESSIBLE PARKING SIGN NO SCALE

NOTE: SIGN SHALL COMPLY W/ CURRENT STATE & ADA GUIDELINES.



SILT FENCE DETAIL

- NOTES: NO SCALE
- * SILT FENCE SHALL BE SUPPLIED & INSTALLED AS PER THE WI DOT STANDARD SPECIFICATIONS FOR HIGHWAY & STRUCTURE CONSTRUCTION.



ASPHALT TYPICAL SECTION NO SCALE

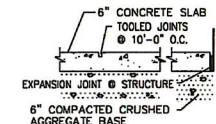
NOTE: ASPHALT, BASE COURSE & COMPACTION SHALL BE SUPPLIED & INSTALLED AS PER WI DOT STANDARD SPEC. FOR HWY & STRUCTURE CONSTRUCTION, LATEST ED.



TRACKING AREA NO SCALE

NOTES: * SUPPLY CRUSHED STONE AS PER WI DNR STANDARD, 1057, TRACKOUT CONTROL PRACTICES.

* REMOVE & REPLACE STONE WHEN VOIDS BECOME FILLED W/ SEDIMENT OR IF SURFACE OPENINGS BECOME PLUGGED SO THAT TRACKING AREA DOES NOT FUNCTION.



6" CONCRETE NO SCALE

NOTE: * 6" CONC. SHALL HAVE 10"x10"-W2.9x W2.9 OR 6"x6"-W2.9xW2.9 WIRE MESH MAINTAIN 3" COVER OVER MESH.

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Cedar Corporation

1500 Belmont Street
Wilmington, NC 28403
919-399-2000
FAX 919-399-2001

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Wilmington, NC 28403
919-399-2000
FAX 919-399-2001

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SHEET 1A

C17