

Information for File # 2014-00901-DWW

Applicant Minnesota Department of Natural Resources Parks and Trails – Two Harbors

Authorized Agent Minnesota Department of Natural Resources Parks and Trails – Two Harbors, Mr. Mark Rudningen @ 218-834-1437

Corps Contact Daryl W. Wierzbinski

Address 600 South Lake Avenue, STE 211
Duluth, Minnesota 55802

E-Mail daryl.w.wierzbinski@usace.army.mil

Phone 218-720-5291

Primary County St. Louis

Location Sec. 20, T. 51N., R. 61W.

Information Complete On August 4, 2014

Posting Expires On August 21, 2014

Authorization Type LOP-05-MN

This application is being reviewed in accordance with the practices for documenting Corps jurisdiction under Section 404 of the Clean Water Act identified in Regulatory Guidance Letter 07-01. We have made a preliminary determination that the aquatic resources that would be impacted by the proposed project are regulated by the Corps of Engineers under Section 404 of the Clean Water Act. A requested jurisdictional review and a jurisdictional determination could result in modifications to the scope of the project's regulated wetland and waterway impacts, and compensatory mitigation requirements.

PROJECT DESCRIPTION AND PURPOSE: The Minnesota Department of Natural Resources Parks and Trails has applied for a Department of the Army permit to work in Grand Lake and adjacent wetlands for the purpose of upgrading the existing Grand Lake Public Water Access; upgrading the boat launch ramp and providing additional parking. The proposed project would include a new parking entrance from East Lake Road and development of off road parking (overflow parking) along McGregor Road. The overall design would provide a safe and efficient recreational access to the lake for both residents and visitors.

NAME, AREA AND TYPES OF WATERS (INCLUDING WETLANDS) SUBJECT TO LOSS: The project would result in the discharge of dredged and fill material into 660 square feet within the lake for the purpose of the boat launch and into 52,272 square feet (1.2

acres) of shrub-carr (Type 6) wetlands for the purpose of the parking entrance, parking stalls, boat launch, and sedimentation basins. The proposed impacts are located in BSA 1.

ALTERNATIVES CONSIDERED:

Alternative 1: The No Action or No build; Alternative 2: Upgrade small site on western shore located on private land (consent of landowner to use this site was retracted); Alternative 3: Upgrade Dickerman Road “carry-in” access located on private land (property owner requested the facility be closed by Township); and Alternative 4: Upgrade existing Public Water Access near East Lake Road and McGregor Road.

The Corps determined that Alternatives 1 through 3 would not meet the purpose and need of the proposed project and they were not selected for further study.

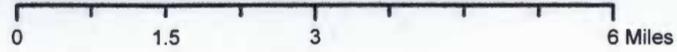
COMPENSATORY MITIGATION:

The proposed permanent wetland impacts of 1.2 acres would be compensated by the purchase of wetland credits from an established Corps approved wetland bank in Minnesota. For the review, the Corps of Engineers would determine if the MNDNR’s proposed purchase of 1.8 credits from the Aitkin Highway Department (Conrad Kagness) in BSA 5 would be acceptable.

Any proposed temporary wetland impacts would be restored within 6 months to pre-project contours and elevations.

Drawings See attached.

Project Locator Map

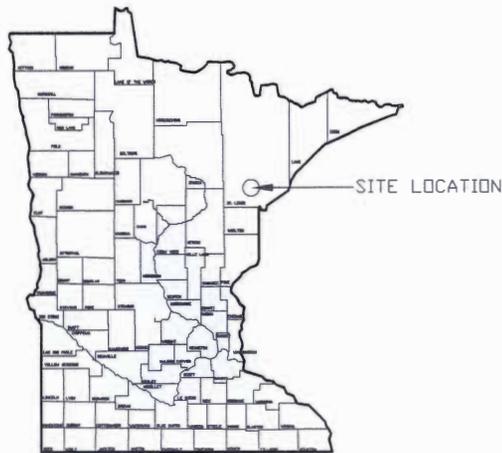


MINNESOTA DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF PARKS AND TRAILS

GRAND LAKE PUBLIC ACCESS

SHEET INDEX

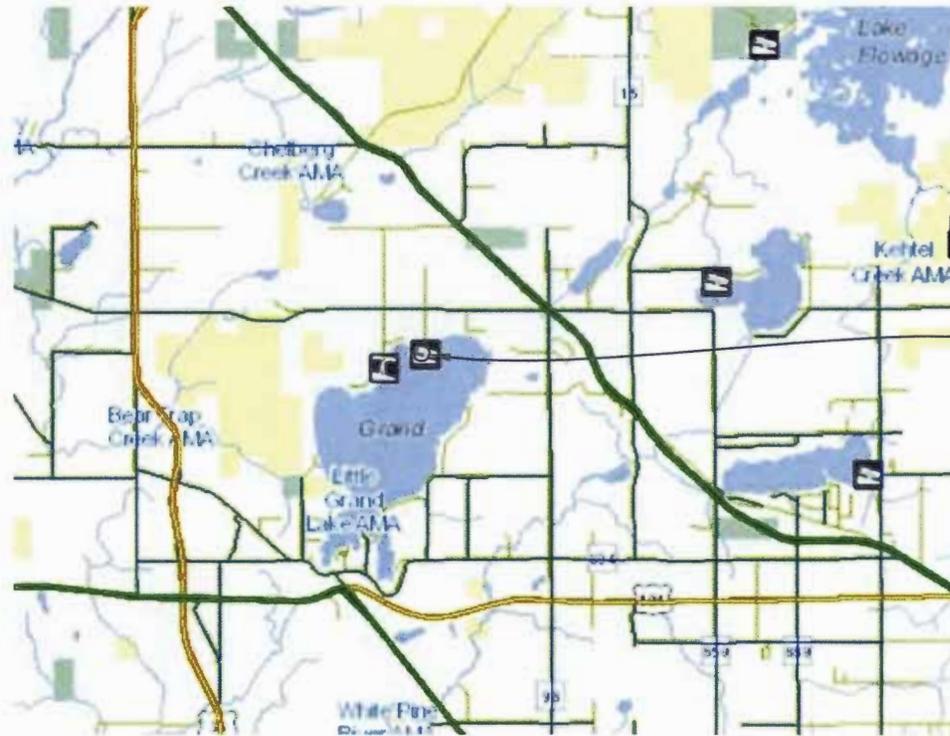
- T1 SHEET INDEX AND PROJECT INFORMATION
- C1 BID ITEMS / CONSTRUCTION NOTES
- C2 EXISTING / DEMOLITION
- C3 LAYOUT PLAN
- C4 GRADING PLAN
- C5 PLANTING PLAN
- C6 BOAT RAMP PLAN / PROFILE
- D1-D3 DETAILS
- E1-E3 SWPPP



CALL BEFORE YOU DIG



VERIFY ALL DIMENSIONS AND LOCATIONS ON THE JOB. REPORT ALL DISCREPANCIES TO MANAGEMENT RESOURCES.
 DO NOT SCALE DRAWINGS



SITE LOCATION

Approval

Division _____
 Management Resources _____

Date _____

Date _____



HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION, AND THAT I AM A DULY LICENSED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA

Name: Jon Hendrickson Reg. Number: 43086
 Date: 5.20.2014

Operation Services
 Safety
Facilities
 Planting
 Equipment
 Field Operations
 Information Management

DNR Division of Parks and Trails

Water Access
 Grand Lake

St. Louis County Section: 20 Near Duluth
 Township 51 N Range 16 W

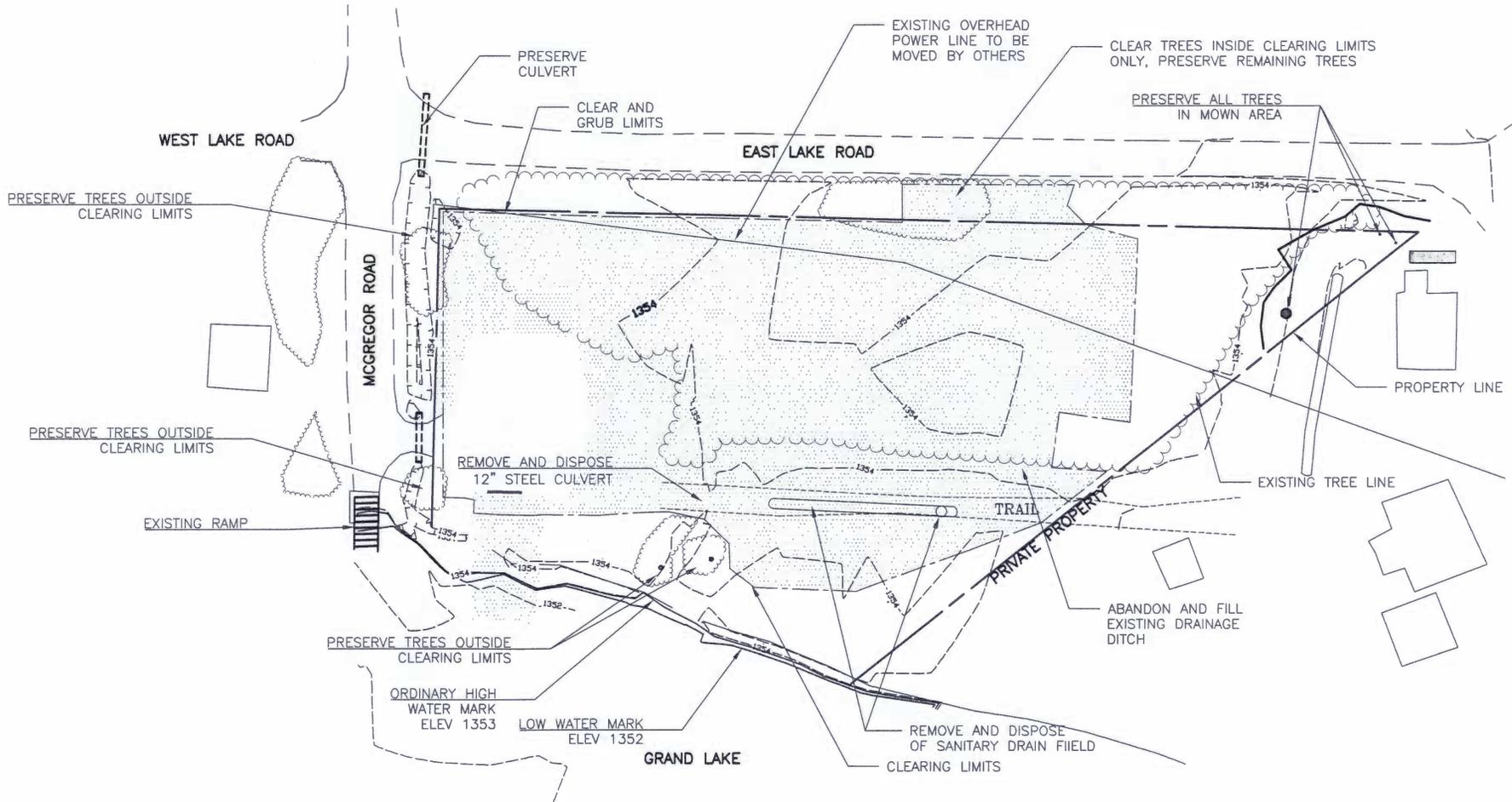
Rev

Date _____

2014-00901-DWW
 Drawing 2 of 8

Sheet: **T1**
 Reg. Number: **8A074**
 File Number: **WAS.00515.00.00.31**





2014-00901-DWW
Drawing 3 of 8



SCALE IN FEET 50



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Name: _____ Reg. Number: 43086

Name: _____

Date: 5.20.2014

Operation Services
Safety
Facilities
Materials
Equipment
Field Operations
Information Management

DNR Division of Parks and Trails
Public Access
Grand Lake
Near Duluth

St. Louis County Section: 20 Township: 51 N Range: 16 W

Revisions	
Date	By

Title: EXISTING/DEMOLITION			
Survey:	AD 2014	Designed:	JET 2014
Drawn:	AD 2014	Drawn:	JET 2014
Checked:	JET 2014	Checked:	JJH 2014
Horz datum:	NAD83	Vert datum:	NAD83

Sheet:	C2
Req Number:	8A074
File Number:	WAS00515.00.00.30



EAST LAKE ROAD

MCGREGOR ROF

F&I SHRUB
B(3), SEE
PLANT KEY
AND 2/D4
(TYP.)

F&I TREE. SEE
PLANT KEY AND
1/D4. (TYP.)

F&I TREE.
SEE PLANT
KEY AND
2/D4.

- A(3)
- C(8)
- B(6)
- C(8)
- A(3)
- C(23)
- B(4)
- B(3)

D(13)

A(10)

D(7)

A(3)

B(3)

PRIVATE PROPERTY

Plant Key

Common Name	Scientific Name	Size	Quantity
A Red-Osier Dogwood	<i>Cornus sericea</i>	5' Ht	19
B Chokecherry	<i>Prunus virginiana</i>	#10 Container	19
C Snowberry	<i>Symphoricarpos albus</i>	#5 Container	34
D Black Chokeberry	<i>Aronia melanocarpa</i>	3' Ht	20
E White Pine	<i>Pinus strobus</i>	8' ht B&B	3
F Little Leaf Linden	<i>Tilia cordata</i>	1.75"	2

2014-00901-DWW
Drawing 4 of 8



SCALE IN FEET 50



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Name: Melinda Anderson Reg. Number: 49277
Date: 5.21.2014

Operation Services
Safety Facilities
Materials
Equipment
Field Operations
Information Management

DNR Division of Parks and Trails
Public Access
Grand Lake
St. Louis County Section: 20 Near Duluth Township: 51 N Range: 16 W

Revisions
Date By

Title: PLANTING PLAN
Survey: DN 2005 Designed: ma 5/14
Drawn: DN 2005 Drawn: ma 5/14
Checked: xx 12/07 Checked: 5/14
Horz datum: ASSUMED Vert datum: ASSUMED

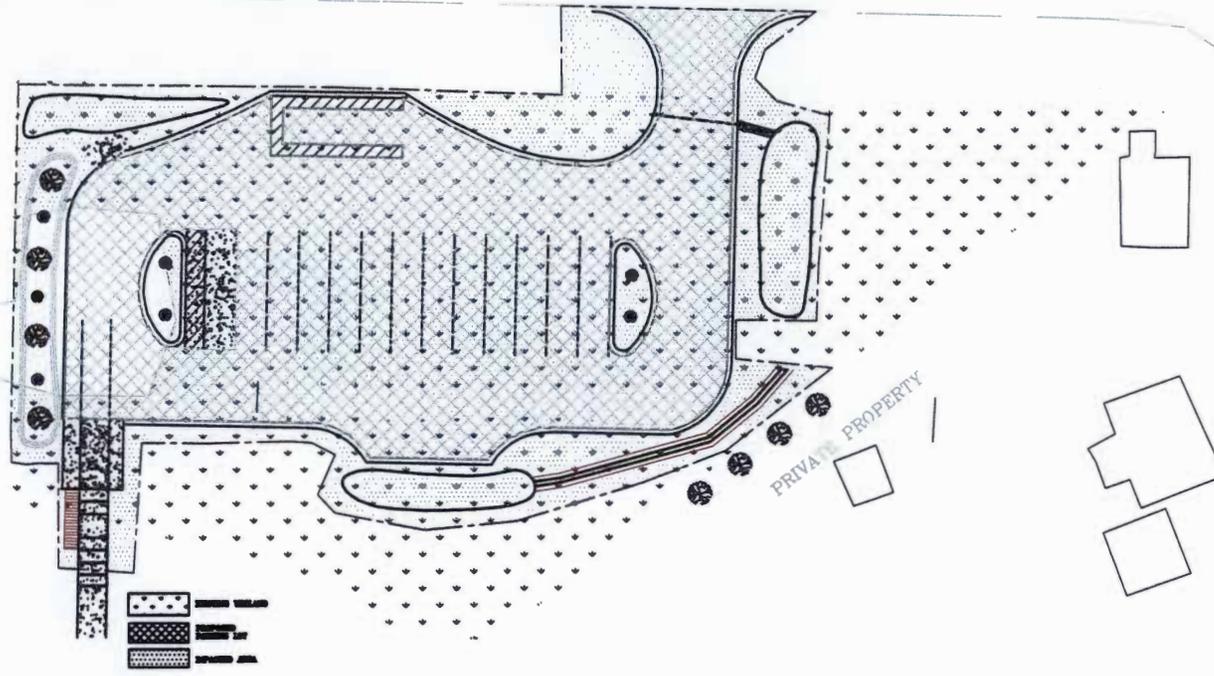
Sheet: C3
Proj Number: 8A074
File Number: WAS.00515.00.00.30

APPROX FOOT PRINT = 1.3 ACRES

West Lake ROAD

East Lake ROAD

McGregor ROAD



GRAND LAKE

2014-00901-DWW
Drawing 5 of 8



SCALE IN FEET 50



I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

Name _____
Date 4.1.2014
Reg. Number 43086

Operation Services
Safety
Facilities
Materials
Equipment
Field Operations
Information Management

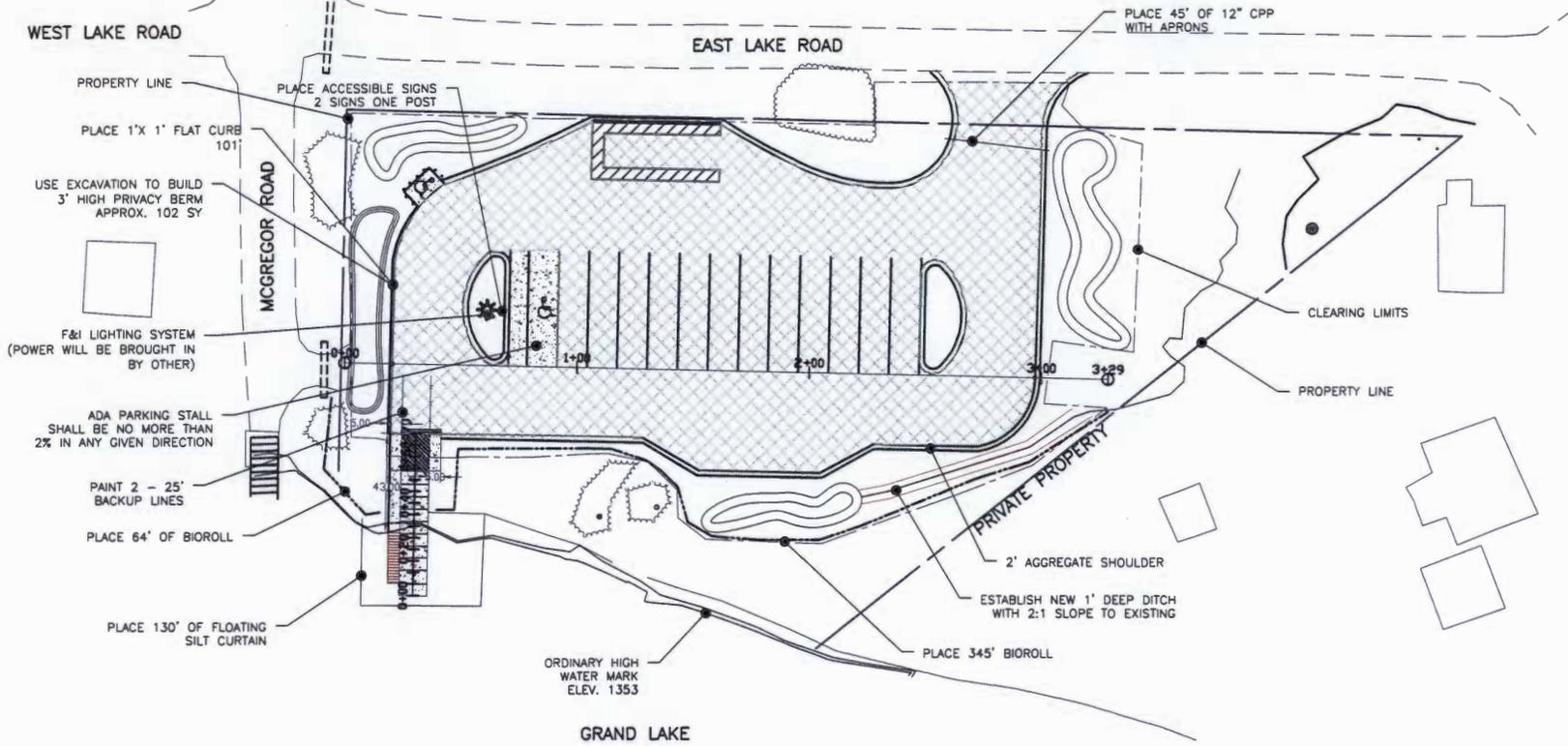
DNR Division of Parks and Trails
Public Access
Grand Lake
St. Louis County Near Duluth
Section: 20 Township: 51 N Range: 16 W

Revisions	
Date	By

LAYOUT PLANSHEET
Survey: DN 2005 Designed: JH 8/10
Drawn: DN 2005 Drawn: JH 8/10
Checked: xx 12/07 Checked: DAS 8/10
Horz datum: ASSUMED Vert datum: ASSUMED

Sheet **C3**
Proj Number **8A074**
File Number **WAS.00515.00.00.30**





2014-00901-DWW
Drawing 6 of 8



A Minnesota
DEPARTMENT OF
NATURAL RESOURCES

HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT
WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION,
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UNDER THE LAWS OF THE STATE OF MINNESOTA

Name _____ Reg. Number: 43086

Date: 5.20.2014

Operation Services
Safety
Facilities
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Equipment
Field Operations
Information Management

DNR Division of Parks and Trails
Public Access
Grand Lake

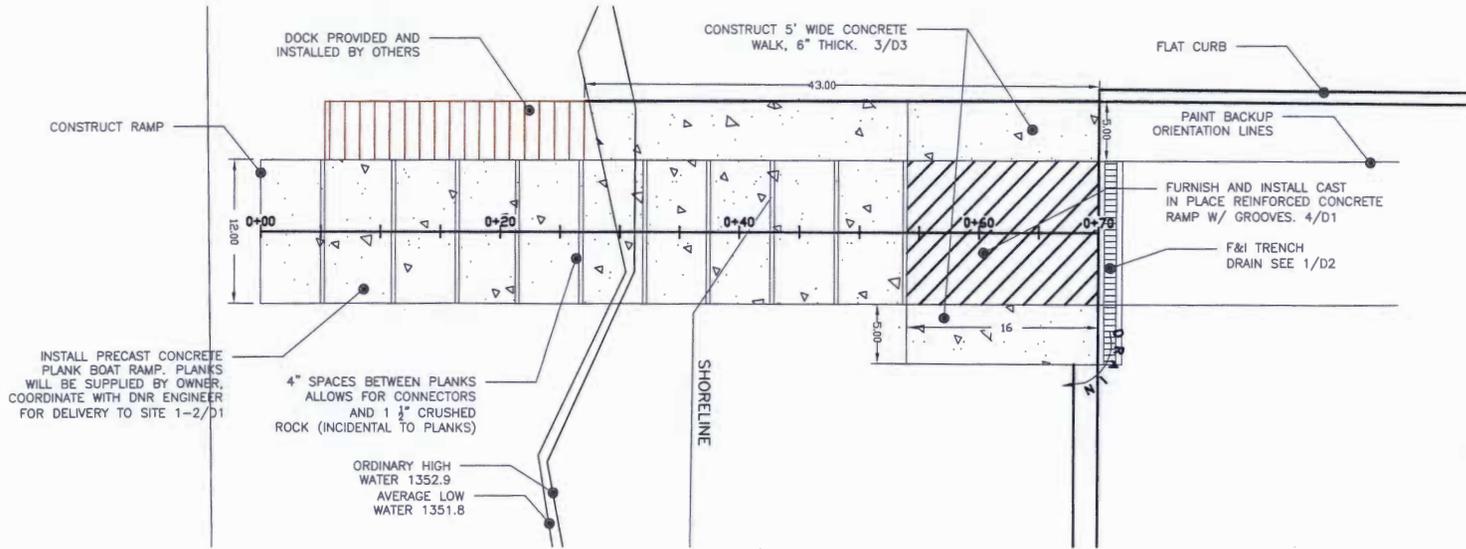
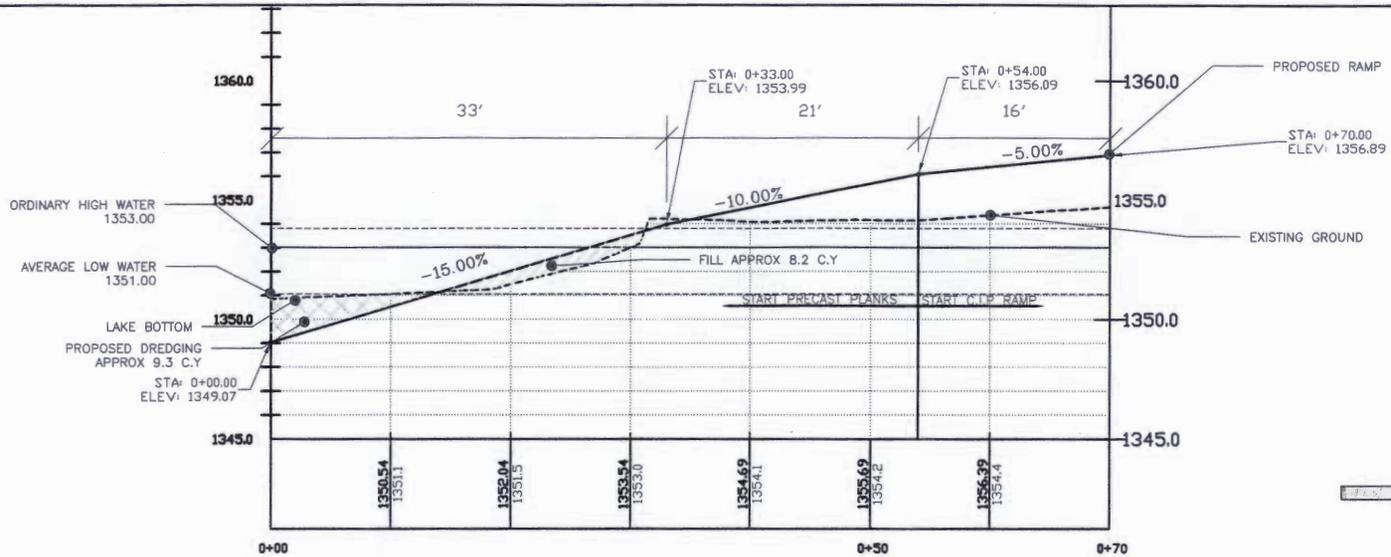
St. Louis County Near Duluth
Section: 20 Township: 51 N Range: 16 W

Revisions	
Date	By

LAYOUT PLANSHEET			
Survey:	AD 2014	Designed:	JET 2014
Drawn:	AD 2014	Drawn:	JET 2014
Checked:	JET 2014	Checked:	JH 2014
Horz datum:	NAD83	Vert datum:	NAD83

C3	
Reg. Number:	8A074
File Number:	WAS.00515.00.00.30





2014-00901-DWW
Drawing 7 of 8



SCALE IN FEET 10



HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION, AND THAT I AM A DULY LICENSED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.
Name: _____ Reg Number: 43086
Date: 5.28.2014

Operation Services
Safety
Facilities
Materials
Equipment
Field Operations
Information Management

DNR Division of Parks and Trails
Public Access
Grand Lake
St. Louis County Section: 20 Township: 51 N Range: 16 W Near Duluth

Revisions	
Date	By

The RAMP PLAN AND PROFILE
Survey: AD 2014 Designed: JET 2014
Drawn: AD 2014 Drawn: JET 2014
Checked: JET 2014 Checked: JH 2014
Horz datum: NAD83 Vert datum: NAD83

Sheet **C6**
Proj Number: **8A074**
File Number: **WAS00515.00.00.30**



WEST LAKE ROAD

EAST LAKE ROAD

MCGREGOR ROAD

GRAND LAKE

PRIVATE PROPERTY

2014-00901-DWW
Drawing 8 of 8



SCALE IN FEET 50



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Name: _____ Reg. Number: 43086
Date: 5.20.2014

Operation Services
Safety
Facilities
Materials
Equipment
Field Operations
Information Management

DNR Division of Parks and Trails
Public Access
Grand Lake

St. Louis County Section: 20 Township: 51 N Range: 16 W Near Duluth

Revisions

Date	By

Title: **GRADING SHEET**

Survey: AD 2014	Designed: JET 2014
Drawn: AD 2014	Drawn: JET 2014
Checked: JET 2014	Checked: JH 2014
Horz datum: NAD83	Vert datum: NAD83

Sheet: **C4**

Req. Number: **8A074**
File Number: **WAS.00515.00.00.30**

