Item 5A.
BCWMC 6-16-22

MAIN STEM LAGOON DREDGING PROJECT
BASSETT CREEK WATERSHED MANAGEMENT COMMISSION
GOLDEN VALLEY, MINNESOTA

MINNESOTA COUNTY MAP

PROJECT LOCATION MAP

INDEX OF SHEETS

CONTACTS:

PATRICK E. BROCKAMP, PE
WATER RESOURCES ENGINEER
BARR ENGINEERING CO.
PHONE: 952-842-3593
FAX: 952-832-2601
EMAIL: PBROCKAMP@BARR.COM

GOPHER STATE ONE CALL:
CALL BEFORE YOU DIG.
1-800-252-1166

DATUM
HORIZONTAL: HENNEPIN COUNTY COORDINATES (FT) - NAD83, 2011
VERTICAL: NAVD88

DATE OF BATHYMETRIC SURVEY:
SEPTEMBER 2019

90% DRAFT
FOR REVIEW

NO.	BY	CHK.	APP.	DATE	REVISION DESCRIPTION
-	-	-	-	— —	-

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 PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

PRINTED NAME PATRICK E. BROCKAMP

SIGNATURE

DATE ____-____-____ LICENSE # 54931

REVIEW	11/23/21	12/09/21	05/02/22	06/08/22				
BID								
CONSTRUCTION								
RECORD								
RELEASED TO/FOR	A	B	C	D	0	1	2	
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BARR
Corporate Headquarters:
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Project Office:
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4300 MARKETPOINTE DRIVE
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MINNEAPOLIS, MN 55435
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Fax: (952) 832-2601
www.barr.com

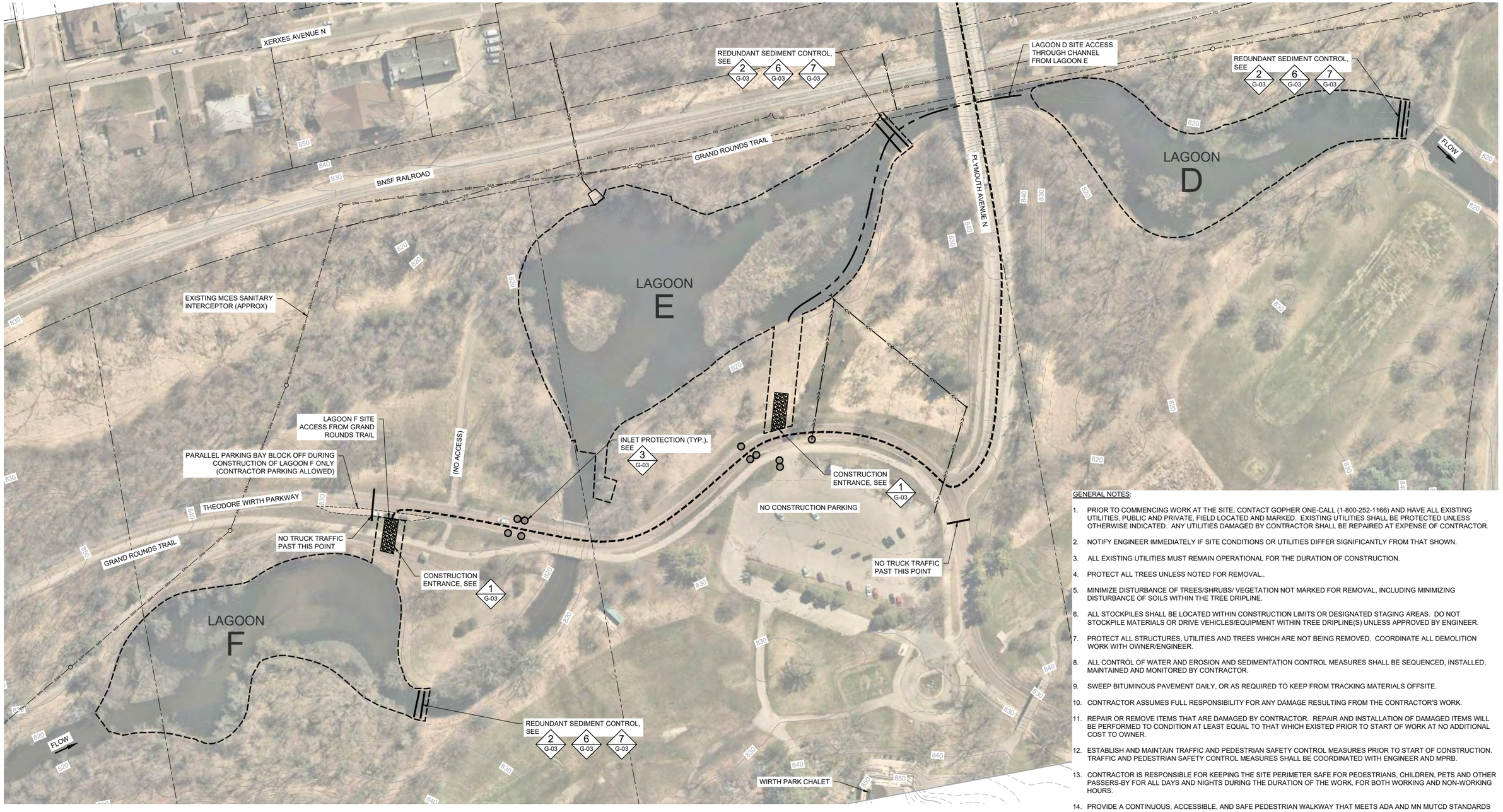
Scale	AS SHOWN
Date	06/08/2022
Drawn	ADB2
Checked	PEB
Designed	BARR
Approved	PEB

BASSETT CREEK WATERSHED MANAGEMENT COMMISSION
GOLDEN VALLEY, MINNESOTA

MAIN STEM LAGOON DREDGING PROJECT
GOLDEN VALLEY, MINNESOTA

PROJECT LOCATION AND SHEET INDEX

BARR PROJECT No. 23/27-1860.00
CLIENT PROJECT No.
DWG. No. G-01
REV. No. D



1 - PLAN: SITE ACCESS, REMOVALS, AND EROSION CONTROL PLAN

0 70 140
SCALE IN FEET

GENERAL NOTES:

1. PRIOR TO COMMENCING WORK AT THE SITE, CONTACT GOPHER ONE-CALL (1-800-252-1166) AND HAVE ALL EXISTING UTILITIES, PUBLIC AND PRIVATE, FIELD LOCATED AND MARKED. EXISTING UTILITIES SHALL BE PROTECTED UNLESS OTHERWISE INDICATED. ANY UTILITIES DAMAGED BY CONTRACTOR SHALL BE REPAIRED AT EXPENSE OF CONTRACTOR.
2. NOTIFY ENGINEER IMMEDIATELY IF SITE CONDITIONS OR UTILITIES DIFFER SIGNIFICANTLY FROM THAT SHOWN.
3. ALL EXISTING UTILITIES MUST REMAIN OPERATIONAL FOR THE DURATION OF CONSTRUCTION.
4. PROTECT ALL TREES UNLESS NOTED FOR REMOVAL..
5. MINIMIZE DISTURBANCE OF TREES/SHRUBS/ VEGETATION NOT MARKED FOR REMOVAL, INCLUDING MINIMIZING DISTURBANCE OF SOILS WITHIN THE TREE DRIPLINE.
6. ALL STOCKPILES SHALL BE LOCATED WITHIN CONSTRUCTION LIMITS OR DESIGNATED STAGING AREAS. DO NOT STOCKPILE MATERIALS OR DRIVE VEHICLES/EQUIPMENT WITHIN TREE DRIPLINE(S) UNLESS APPROVED BY ENGINEER.
7. PROTECT ALL STRUCTURES, UTILITIES AND TREES WHICH ARE NOT BEING REMOVED. COORDINATE ALL DEMOLITION WORK WITH OWNER/ENGINEER.
8. ALL CONTROL OF WATER AND EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE SEQUENCED, INSTALLED, MAINTAINED AND MONITORED BY CONTRACTOR.
9. SWEEP BITUMINOUS PAVEMENT DAILY, OR AS REQUIRED TO KEEP FROM TRACKING MATERIALS OFFSITE.
10. CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR ANY DAMAGE RESULTING FROM THE CONTRACTOR'S WORK.
11. REPAIR OR REMOVE ITEMS THAT ARE DAMAGED BY CONTRACTOR. REPAIR AND INSTALLATION OF DAMAGED ITEMS WILL BE PERFORMED TO CONDITION AT LEAST EQUAL TO THAT WHICH EXISTED PRIOR TO START OF WORK AT NO ADDITIONAL COST TO OWNER.
12. ESTABLISH AND MAINTAIN TRAFFIC AND PEDESTRIAN SAFETY CONTROL MEASURES PRIOR TO START OF CONSTRUCTION. TRAFFIC AND PEDESTRIAN SAFETY CONTROL MEASURES SHALL BE COORDINATED WITH ENGINEER AND MPRB.
13. CONTRACTOR IS RESPONSIBLE FOR KEEPING THE SITE PERIMETER SAFE FOR PEDESTRIANS, CHILDREN, PETS AND OTHER PASSERS-BY FOR ALL DAYS AND NIGHTS DURING THE DURATION OF THE WORK, FOR BOTH WORKING AND NON-WORKING HOURS.
14. PROVIDE A CONTINUOUS, ACCESSIBLE, AND SAFE PEDESTRIAN WALKWAY THAT MEETS ADA AND MN MUTCD STANDARDS IF WORKING IN A SIDEWALK AREA, AND TRAFFIC CONTROL PER MN MUTCD REQUIREMENTS FOR THE WORK IN THE PUBLIC RIGHT OF WAY AREA.
15. COORDINATE ALL WORK AND SITE ACCESS WITH ROADWAY WEIGHT RESTRICTION REGULATIONS. CONTRACTOR IS RESPONSIBLE FOR OBTAINING TEMPORARY ACCESS PERMITS, IF REQUIRED.

90% DRAFT FOR REVIEW

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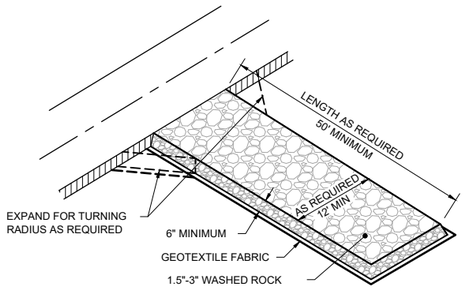
GOLDEN VALLEY, MINNESOTA

MAIN STEM LAGOON DREDGING PROJECT
GOLDEN VALLEY, MINNESOTA

SITE ACCESS, REMOVALS, AND EROSION CONTROL

BARR PROJECT No. 23/27-1860.00
CLIENT PROJECT No.
DWG. No. G-02
REV. No. D

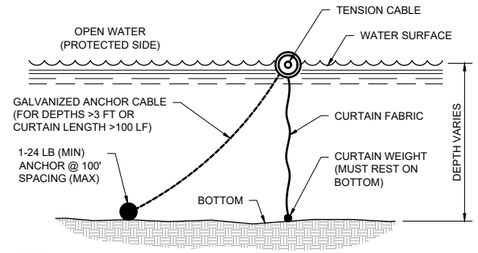
CADD USER: Patrick E. Brockamp FILE: M:\DESIGN\23271860.00\23271860_G-02.DWG PLOT SCALE: 1:2.5849 PLOT DATE: 6/8/2022 4:13 PM



NOTES:

1. MAINTAIN ENTRANCE THROUGHOUT THE CONSTRUCTION PERIOD AND REPAIR OR REPLACE AS REQUIRED TO PREVENT TRACKING OFFSITE.
2. REMOVE ENTRANCE IN CONJUNCTION WITH FINAL GRADING AND SITE STABILIZATION.

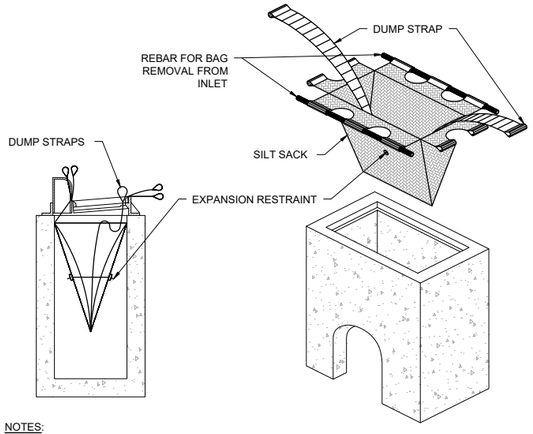
1 - DETAIL: CONSTRUCTION ENTRANCE - ROCK
NOT TO SCALE



NOTES:

1. INSTALL SILT CURTAIN PRIOR TO ANY CONSTRUCTION ACTIVITIES IN AREAS DRAINING TO OPEN WATER OR WORK IN WATER.
2. ANCHOR TENSION CABLE AT SHORE AT BOTH END WITH STEEL POSTS OF DIAMETER AND LENGTH SUFFICIENT TO PREVENT BENDING AND PULL-OUT.
3. ELIMINATE ANCHOR AND CABLE FOR WATER DEPTHS LESS THAN 3'-0" OR DISTANCE BETWEEN SHORE ANCHORS FOR TENSION CABLE OF LESS THAN 100'
4. CURTAIN WEIGHT SHALL BE HEAVY ENOUGH TO HOLD CURTAIN VERTICAL IN CURRENT AND WAVES TYPICAL FOR THE SITE.
5. SILT CURTAIN MATERIALS SHALL CONFORM TO MN/DOT SPECIFICATION 3887.
6. MAINTAIN SILT CURTAIN AND REPAIR OR REPLACE AS REQUIRED TO PREVENT DISCHARGE OF SEDIMENT TO PROTECTED WATER BODY.
7. REMOVE ANY ACCUMULATED SEDIMENT PRIOR TO REMOVAL OF SILT CURTAIN.
8. REMOVE SILT CURTAIN FOLLOWING SITE STABILIZATION OR AS DIRECTED BY ENGINEER.

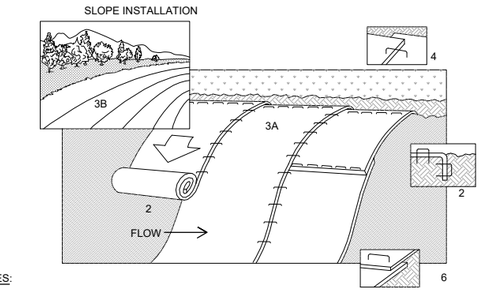
2 - DETAIL: FLOTATION SILT CURTAIN
NOT TO SCALE



NOTES:

1. INSTALL INLET PROTECTION PRIOR TO ANY GRADING WORK IN THE AREA TO BE PROTECTED OR IMMEDIATELY FOLLOWING ANY CATCHBASIN INSTALLATION AND MAINTAIN THROUGHOUT THE CONSTRUCTION PERIOD.
2. MATERIALS SHALL BE SUFFICIENT TO ALLOW FLOW WHILE BLOCKING SEDIMENT. NO HOLES OR GAPS SHALL BE PRESENT IN/AROUND FILTER SACK.
3. CLEAN FILTER SACK AND REMOVE ACCUMULATED SEDIMENT AS REQUIRED TO ALLOW FLOW INTO THE CATCHBASIN AND PREVENT SEDIMENT FROM LEAVING THE DEVICE.
4. REMOVE DEVICE AND ANY ACCUMULATED SEDIMENT IN CONJUNCTION WITH THE FINAL GRADING AND SITE STABILIZATION.
5. INLET PROTECTION SHALL BE THE APPROPRIATE SIZE AND TYPE FOR THE STRUCTURE BEING PROTECTED.

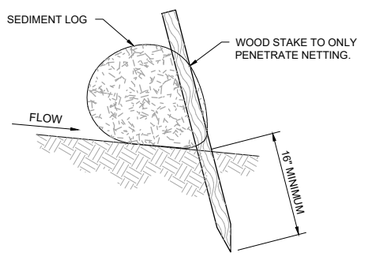
3 - DETAIL: INLET PROTECTION - FILTER SACK
NOT TO SCALE



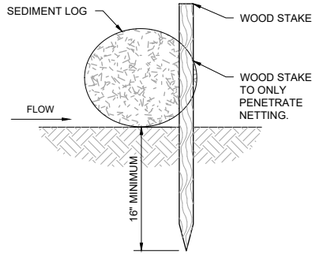
NOTES:

1. REFER TO MANUFACTURER RECOMMENDATIONS FOR STAPLE PATTERNS FOR SLOPE INSTALLATIONS.
2. PREPARE SOIL BY LOOSENING TOP 1-2 INCHES AND APPLY SEED (AND FERTILIZER WHERE REQUIRED) PRIOR TO INSTALLING BLANKETS. GROUND SHOULD BE SMOOTH AND FREE OF DEBRIS.
3. BEGIN (A) AT THE TOP OF THE SLOPE AND ROLL THE BLANKETS DOWN OR (B) AT ONE END OF THE SLOPE AND ROLL THE BLANKETS HORIZONTALLY ACROSS THE SLOPE.
4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 6" OVERLAP, WITH THE UPHILL BLANKET ON TOP.
5. WHEN BLANKETS MUST BE SPLICED DOWN THE SLOPE, PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH APPROXIMATELY 6" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART.
6. BLANKET MATERIALS SHALL BE AS SPECIFIED OR AS APPROVED BY ENGINEER.

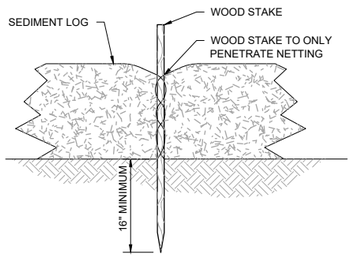
4 - DETAIL: EROSION CONTROL BLANKET - INSTALLATION
NOT TO SCALE



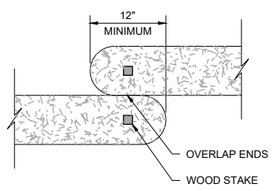
SIDE VIEW ON SLOPE



SIDE VIEW FLAT



FRONT VIEW

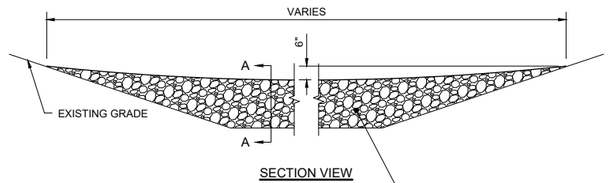


TOP VIEW

NOTES:

1. SEDIMENT LOG SHOULD BE INSTALLED ALONG CONTOURS (CONSTANT ELEVATION) AND NO GAPS SHALL BE PRESENT UNDER SEDIMENT LOG. PREPARE AREA AS NEEDED TO SMOOTH SURFACE OR REMOVE DEBRIS.
2. SEDIMENT LOG SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND REPAIRED OR REPLACED AS REQUIRED - ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN REACHING 1/2 OF LOG HEIGHT.

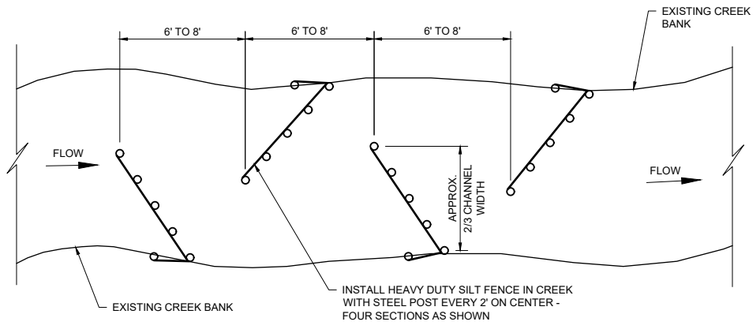
5 - DETAIL: EROSION LOG - STAKING
NOT TO SCALE



NOTES:

1. AGGREGATE SIZE MAY VARY AND DEPENDING ON CHANNEL/POND SIZE, FLOW, SEDIMENT LOAD OR OTHER SITE CONDITIONS. AGGREGATE USED SHOULD BE FREE OF FINE SEDIMENT PRIOR TO INSTALLATION.
2. CLEAN OR REPLACE WHEN SEDIMENT BUILD UP REACHES 1/2 OF THE DIKE HEIGHT. ALTERNATIVELY A SECOND ROCK FILTER DIKE MAY BE INSTALLED DOWNSTREAM OF THE EXISTING DIKE AT A SUITABLE DISTANCE.
3. MAINTAIN THROUGHOUT THE CONSTRUCTION PERIOD. ROCK AND ANY ACCUMULATED SEDIMENT SHALL BE REMOVED IN CONJUNCTION WITH THE FINAL GRADING AND SITE STABILIZATION.

6 - DETAIL: ROCK FILTER DIKE
NOT TO SCALE



NOTES:

1. IN-STREAM SILT FENCE SHALL BE INSTALLED PRIOR TO ANY GRADING WORK IN THE AREA TO BE PROTECTED AND SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. NO HOLES OR GAPS SHALL BE PRESENT IN/UNDER SILT FENCE. WHEN SEDIMENT BUILD UP REACHES 1/3 OF FENCE HEIGHT
2. SILT FENCE AND ANY ACCUMULATED SEDIMENT SHALL BE REMOVED IN CONJUNCTION WITH THE FINAL GRADING AND SITE STABILIZATION, OR WHEN SEDIMENT BUILD UP REACHES 1/3 OF FENCE HEIGHT.
3. ACCUMULATED SEDIMENT SHALL BE DISPOSED OF AT AN UPLAND LOCATION ABOVE THE ORDINARY HIGH WATER ELEVATION (OR DISPOSED OF OFF SITE). THE DISPOSAL LOCATION SHALL BE STABILIZED WITH VEGETATION AND EROSION CONTROL MEASURES AS DIRECTED BY ENGINEER.

7 - DETAIL: SILT FENCE - IN STREAM
NOT TO SCALE

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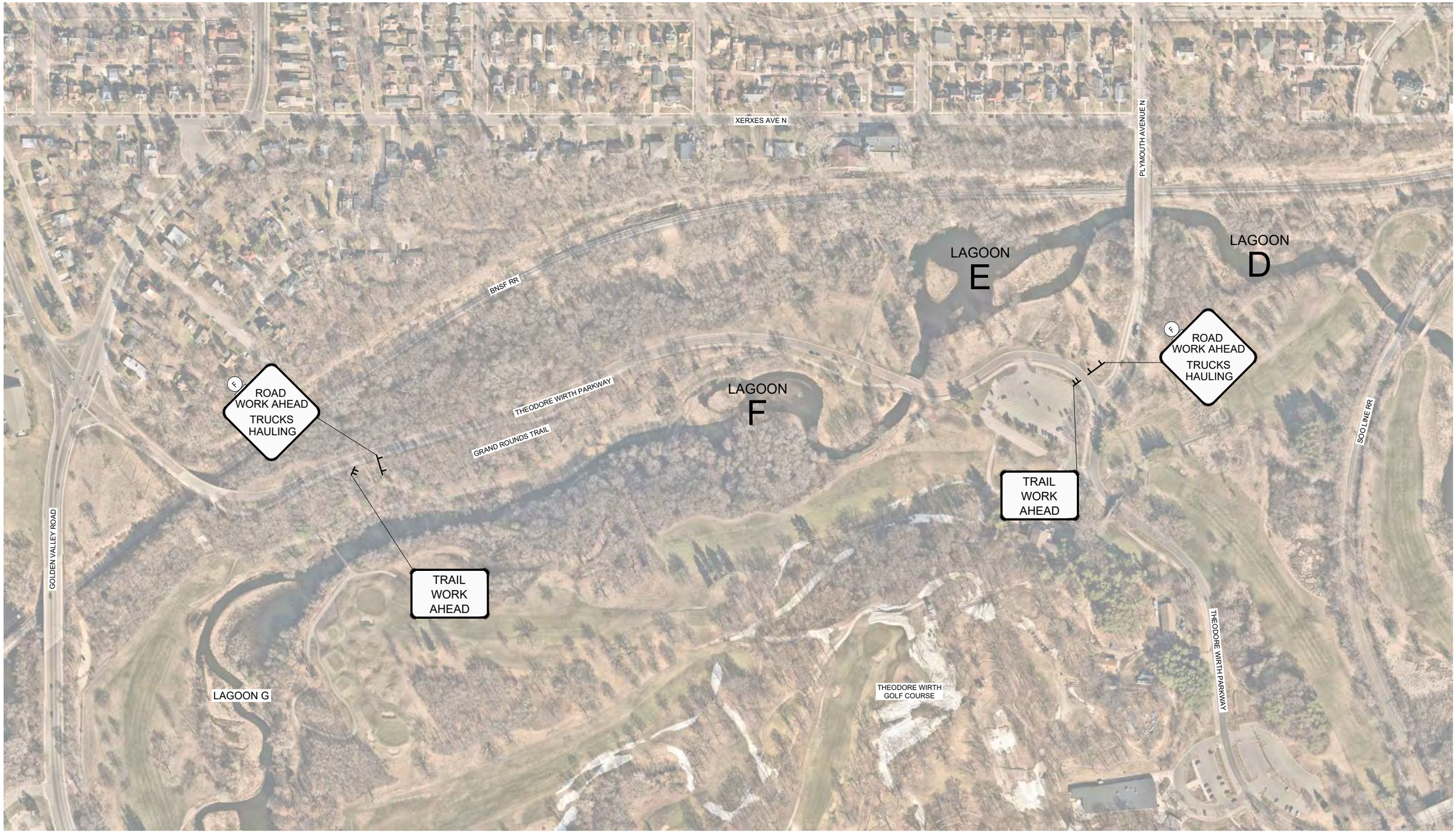
BASSETT CREEK WATERSHED MANAGEMENT COMMISSION
GOLDEN VALLEY, MINNESOTA

MAIN STEM LAGOON DREDGING PROJECT
GOLDEN VALLEY, MINNESOTA

SEDIMENT AND EROSION CONTROL DETAILS

BARR PROJECT No.	23/27-1860.00
CLIENT PROJECT No.	
DWG. No.	G-03
REV. No.	D



1 PLAN: TRAFFIC CONTROL PLAN

0 150 300
SCALE IN FEET

90% DRAFT FOR REVIEW

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GOLDEN VALLEY, MINNESOTA

MAIN STEM LAGOON DREDGING PROJECT
GOLDEN VALLEY, MINNESOTA

TRAFFIC CONTROL PLAN

BARR PROJECT No.	
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G-04	D

XERXES AVE N

PLYMOUTH AVENUE N

RAILROAD TRACKS

GRAND ROUNDS TRAIL

SEE SHEET C-02

SEE SHEET C-03

SEE SHEET C-04

SEE SHEET C-05

LAGOON E

LAGOON D

LAGOON F

PROJECT SIGN, SEE 2/-

APPROXIMATE CENTERLINE OF EXISTING CHANNEL

1/- PLAN: SITE PLAN DRAWING REFERENCE

0 80 160
SCALE IN FEET

N

6'

4'

BASSETT CREEK MAIN STEM
LAGOON DREDGING PROJECT

Paid for in Part by:
The Taxpayers of the Bassett Creek Watershed,
a Clean Water Fund grant from the
MN Board of Soil and Water Resources, and an
Opportunity Grant from Hennepin County

For Questions, Contact the
BCWMC Administrator at:
952.270.1990

City to Attach DNR Permit (8.5" x 6")

NOTE:

1) SIGN SHALL BE MOUNTED ON 4" X 4" POSTS AND SHALL BE PLACED IN A LOCATION HIGHLY VISIBLE TO ALL TRAFFIC ENTERING THE PROJECT, SEE 1/-

2/- DETAIL: BCWMC PROJECT SIGN
AS SHOWN

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SITE PLAN DRAWING REFERENCE

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REV. No. D

LEGEND

- PROPERTY LINES
- CONSTRUCTION LIMITS
- (815) EXISTING MAJOR (5') CONTOUR
- (815) EXISTING MINOR (1') CONTOUR
- (815) PROPOSED MINOR (1') CONTOUR
- (815) PROPOSED MINOR (5') CONTOUR
- SAN EXISTING SANITARY UTILITY

EXISTING MCES SANITARY INTERCEPTOR, VERIFY LOCATIONS AND ELEVATIONS (PROTECT)

1 C-05

2 C-05

GRAND ROUNDS TRAIL

THEODORE WIRTH PARKWAY

CONSTRUCTION LIMITS

LAGOON

F

NORMAL WATER LEVEL = 817.9
BOTTOM OF LAGOON = 811.9
DREDGING VOLUME = 12,200 CY

MATCH DREDGING INTO EXISTING CHANNEL CONTOURS

MATCH DREDGING INTO EXISTING CHANNEL CONTOURS

SEE SHEET C-03

1 PLAN: SITE PLAN - LAGOON F

0 20 40
SCALE IN FEET

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SITE PLAN - LAGOON F

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LEGEND

- PROPERTY LINES
- CONSTRUCTION LIMITS
- (815) EXISTING MAJOR (5') CONTOUR
- (815) EXISTING MINOR (1') CONTOUR
- (815) PROPOSED MINOR (1') CONTOUR
- (815) PROPOSED MINOR (5') CONTOUR
- SAN EXISTING SANITARY UTILITY
- FO EXISTING COMMUNICATIONS UTILITY

EXISTING STORM INLET
16.5' X 3.0' BOX

EXISTING SCOUR HOLE
(DO NOT FILL)

BNSF RAILROAD

EXISTING MCES
SANITARY INTERCEPTOR,
VERIFY LOCATIONS AND
ELEVATIONS (PROTECT)

GRAND ROUNDS TRAIL

MATCH DREDGING INTO
EXISTING CHANNEL
CONTOURS

LAGOON
E

NORMAL WATER LEVEL = 817.8
BOTTOM OF LAGOON = 811.8
DREDGING VOLUME = 19,300 CY

MATCH DREDGING INTO
EXISTING CHANNEL
CONTOURS

LAGOON D SITE ACCESS
THROUGH CREEK CHANNEL
FROM LAGOON E, SEE
SHEET C-05

TO LAGOON D

TO LAGOON F

BANK REPAIR - RIPRAP

3
C-05

CONSTRUCTION LIMITS

ACCESS TO LAGOON E

4
C-05

EXISTING STORM FES

EXISTING STORM SEWER

THEODORE WIRTH PARKWAY

PARKING LOT

PLYMOUTH AVENUE N

1 PLAN: SITE PLAN - LAGOON E

0 30 60
SCALE IN FEET

90% DRAFT
FOR REVIEW

CADD USER: Patrick E. Brockamp FILE: M:\DESIGN\23271860.00\23271860_C-03.DWG PLOT SCALE: 1:2.5849 PLOT DATE: 6/8/2022 4:24 PM

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PRINTED NAME PATRICK E. BROCKAMP

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BASSETT CREEK WATERSHED MANAGEMENT COMMISSION
GOLDEN VALLEY, MINNESOTA

MAIN STEM LAGOON DREDGING PROJECT
GOLDEN VALLEY, MINNESOTA

SITE PLAN - LAGOON E

BARR PROJECT No. 23/27-1860.00
CLIENT PROJECT No.
DWG. No. C-03
REV. No. D

MATCH DREDGING INTO EXISTING CHANNEL CONTOURS

GRAND ROUNDS TRAIL

EXISTING MCES SANITARY INTERCEPTOR, VERIFY LOCATIONS AND ELEVATIONS (PROTECT)

LAGOON D SITE ACCESS THROUGH CREEK CHANNEL FROM LAGOON E, SEE SHEET C-05

SEE SHEET C-03

6 C-05

CONSTRUCTION LIMITS

MATCH DREDGING INTO EXISTING CHANNEL CONTOURS

5 C-05

LAGOON D

NORMAL WATER LEVEL = 816.6
BOTTOM OF LAGOON = 810.6
DREDGING VOLUME = 8,100 CY

LEGEND

- PROPERTY LINES
- CONSTRUCTION LIMITS
- (815) EXISTING MAJOR (5') CONTOUR
- (815) EXISTING MINOR (1') CONTOUR
- (815) PROPOSED MINOR (1') CONTOUR
- (815) PROPOSED MINOR (5') CONTOUR
- SAN EXISTING SANITARY UTILITY
- FO EXISTING COMMUNICATIONS UTILITY

1 - PLAN: SITE PLAN - LAGOON D

0 20 40
SCALE IN FEET

90% DRAFT FOR REVIEW

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GOLDEN VALLEY, MINNESOTA

MAIN STEM LAGOON DREDGING PROJECT
GOLDEN VALLEY, MINNESOTA

SITE PLAN - LAGOON D

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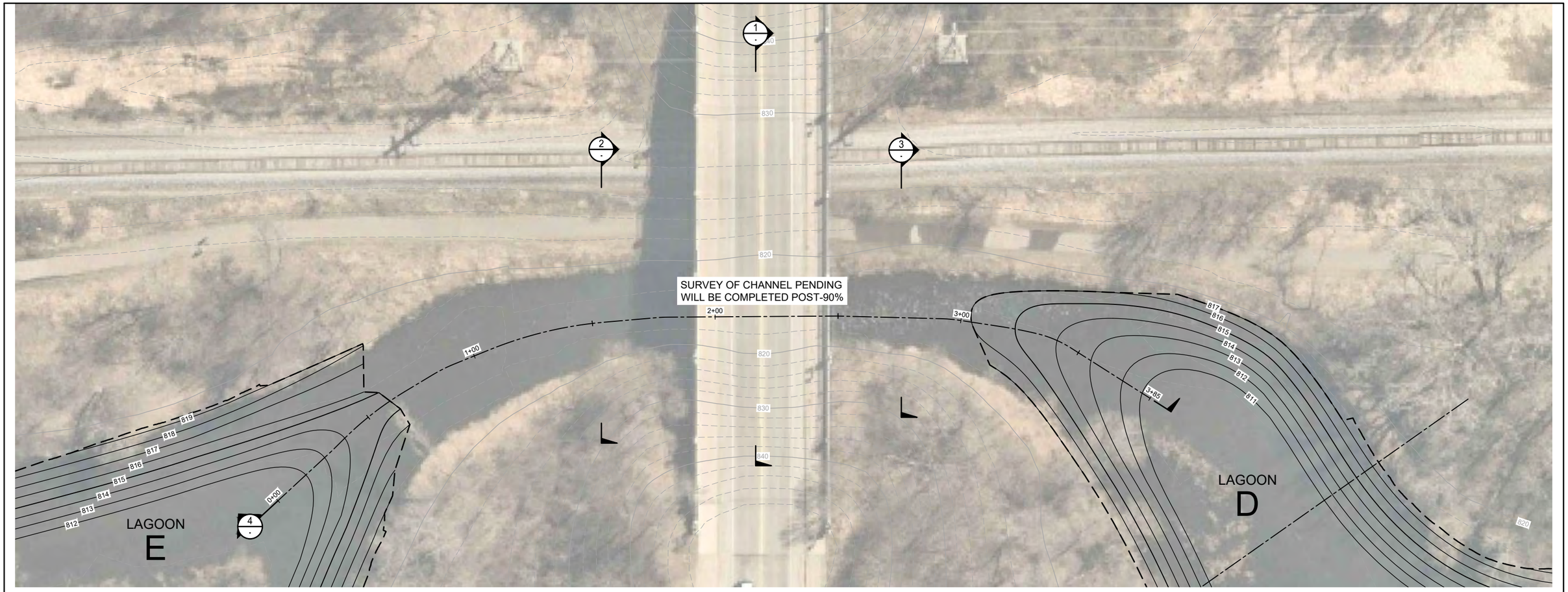
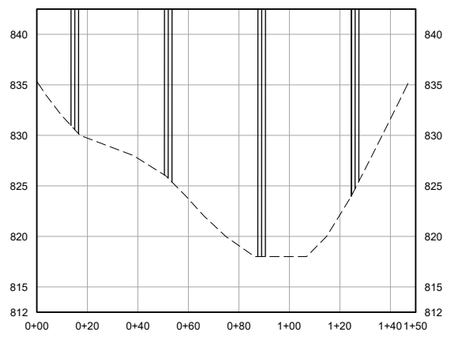
CLIENT PROJECT No.
DWG. No. C-04
REV. No. D



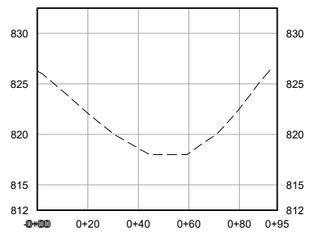
1 PLAN: LAGOON D ACCESS

0 20 40
SCALE IN FEET



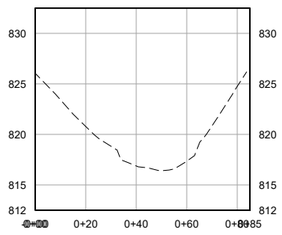
1 SECTION: BASSETT CREEK

0 20 40
HORIZONTAL SCALE IN FEET
0 20 40
VERTICAL SCALE IN FEET



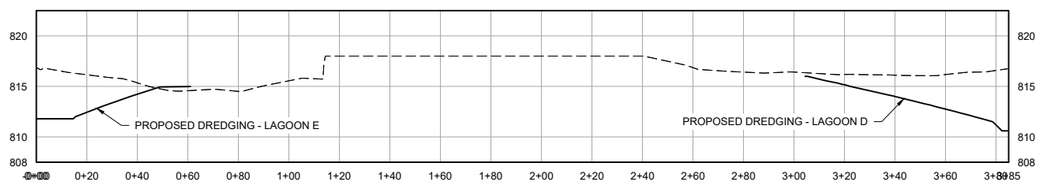
2 SECTION: BASSETT CREEK

0 30 60
HORIZONTAL SCALE IN FEET
0 20 40
VERTICAL SCALE IN FEET



3 SECTION: BASSETT CREEK

0 30 60
HORIZONTAL SCALE IN FEET
0 20 40
VERTICAL SCALE IN FEET



4 SECTION: BASSETT CREEK

0 30 60
HORIZONTAL SCALE IN FEET
0 20 40
VERTICAL SCALE IN FEET

90% DRAFT
FOR REVIEW

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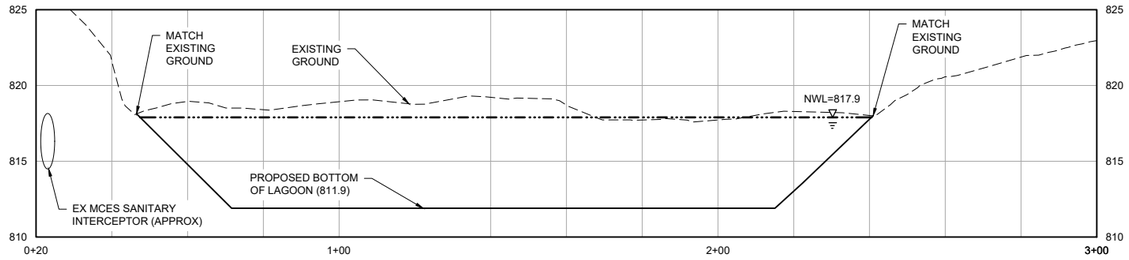
BASSETT CREEK WATERSHED MANAGEMENT COMMISSION
GOLDEN VALLEY, MINNESOTA

MAIN STEM LAGOON DREDGING PROJECT
GOLDEN VALLEY, MINNESOTA

LAGOON D ACCESS
PLAN, SECTIONS, AND DETAILS

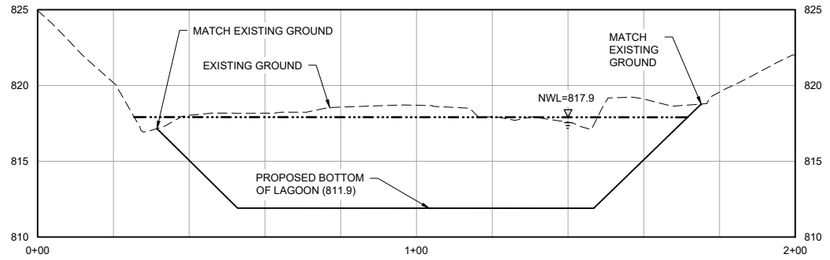
BARR PROJECT No. 23/27-1860.00
CLIENT PROJECT No.
DWG. No. C-05
REV. No. D



1 - SECTION: LAGOON F DREDGING - 1

0 20 40 HORIZONTAL SCALE IN FEET

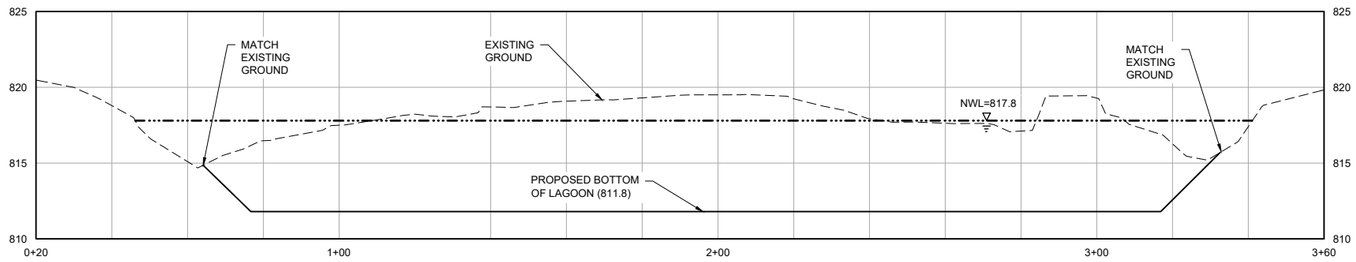
0 5 10 VERTICAL SCALE IN FEET



2 - SECTION: LAGOON F DREDGING - 2

0 20 40 HORIZONTAL SCALE IN FEET

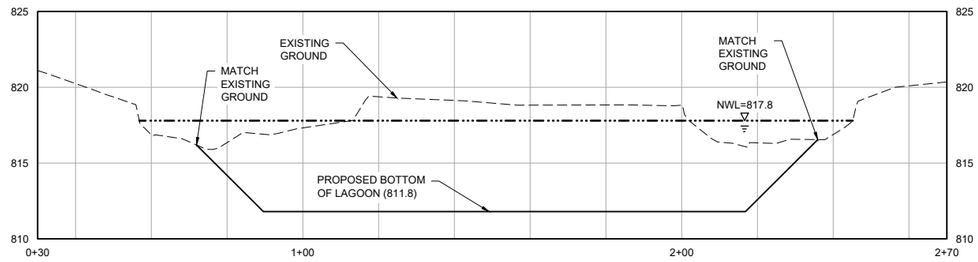
0 5 10 VERTICAL SCALE IN FEET



3 - SECTION: LAGOON E DREDGING - 1

0 20 40 HORIZONTAL SCALE IN FEET

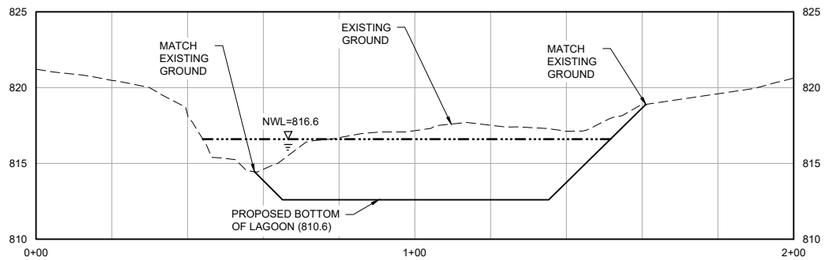
0 5 10 VERTICAL SCALE IN FEET



4 - SECTION: LAGOON E DREDGING - 2

0 20 40 HORIZONTAL SCALE IN FEET

0 5 10 VERTICAL SCALE IN FEET



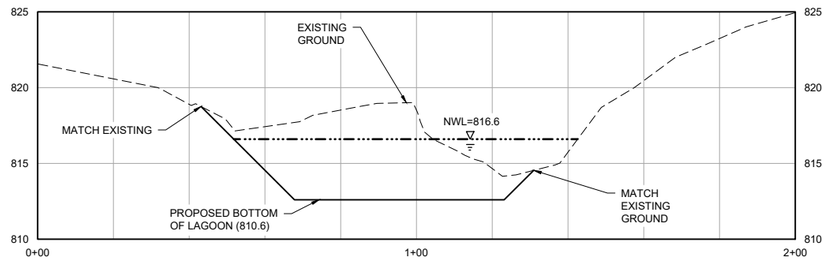
5 - SECTION: LAGOON D DREDGING - 1

0 20 40 HORIZONTAL SCALE IN FEET

0 5 10 VERTICAL SCALE IN FEET

NOTES:

1. DO NOT MODIFY EXISTING BANKS EXCEPT IN AREAS WHERE ACCUMULATED SEDIMENT REMOVAL IS REQUIRED TO MEET FINISHED GRADES (CUT AREAS).
2. NO FILL - DUE TO IRREGULAR BANKS, GRADING CONTOURS AS SHOWN MAY BE ABOVE EXISTING GROUND IN SOME LOCATIONS. DO NOT FILL ANY AREAS WHERE EXISTING GRADES ARE LOWER THAN FINISHED GRADE.
3. NO GRADING EQUIPMENT IS ALLOWED IN THE LAGOON BOTTOM.
4. FINAL PASS TO CUT TO FINISHED GRADE SHALL BE MADE WITH WITH AN EXCAVATOR, AND NO FURTHER DISTURBANCE OF FINISHED GRADE AREAS IS ALLOWED.



6 - SECTION: LAGOON D DREDGING - 2

0 20 40 HORIZONTAL SCALE IN FEET

0 5 10 VERTICAL SCALE IN FEET

90% DRAFT FOR REVIEW

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BASSETT CREEK WATERSHED MANAGEMENT COMMISSION
GOLDEN VALLEY, MINNESOTA

MAIN STEM LAGOON DREDGING PROJECT
GOLDEN VALLEY, MINNESOTA

LAGOON CROSS SECTIONS

BARR PROJECT No.	23/27-1860.00
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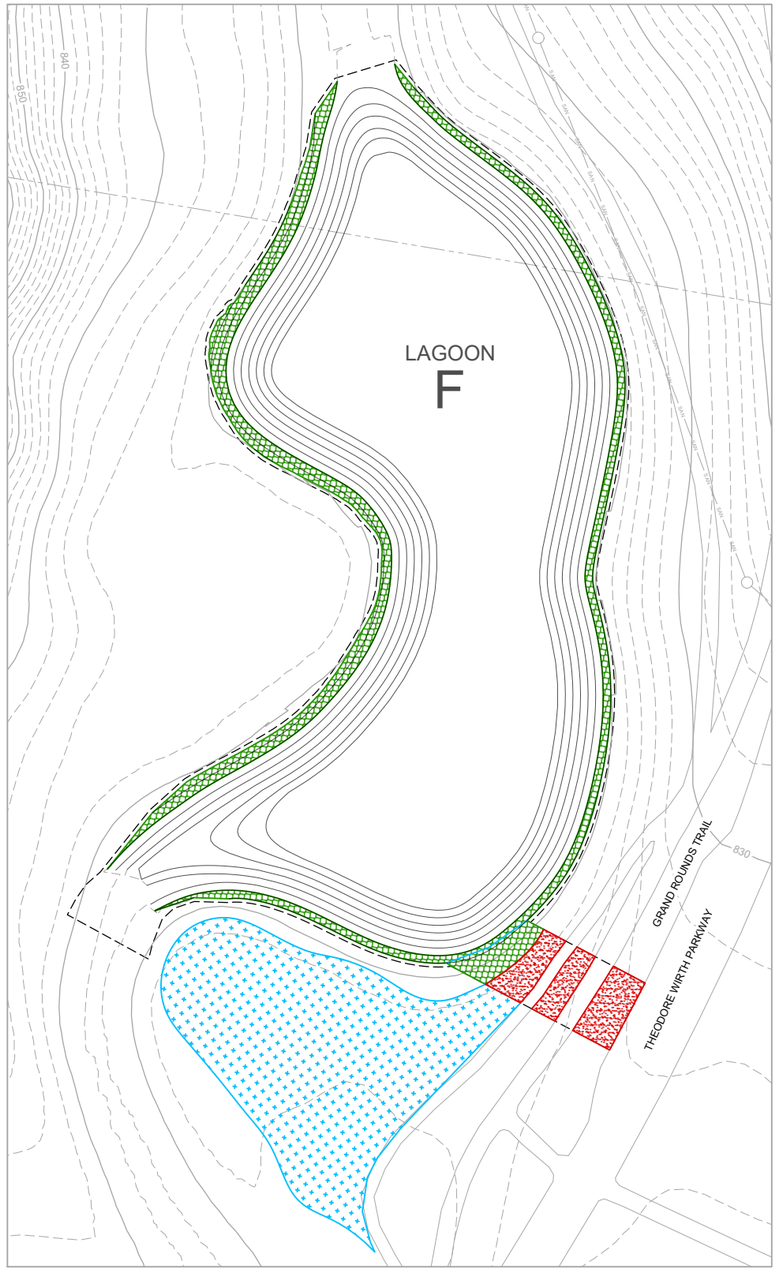
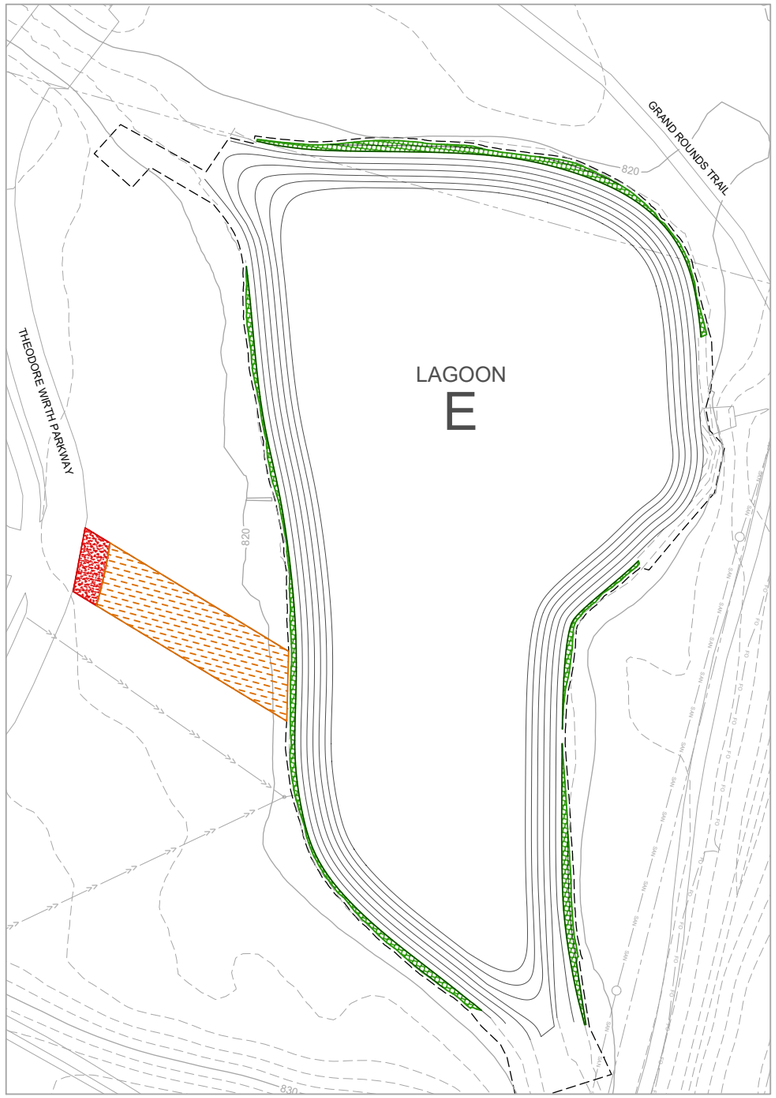
DWG. No.	C-06
REV. No.	D



1 PLAN: LAGOON F RESTORATION PLAN

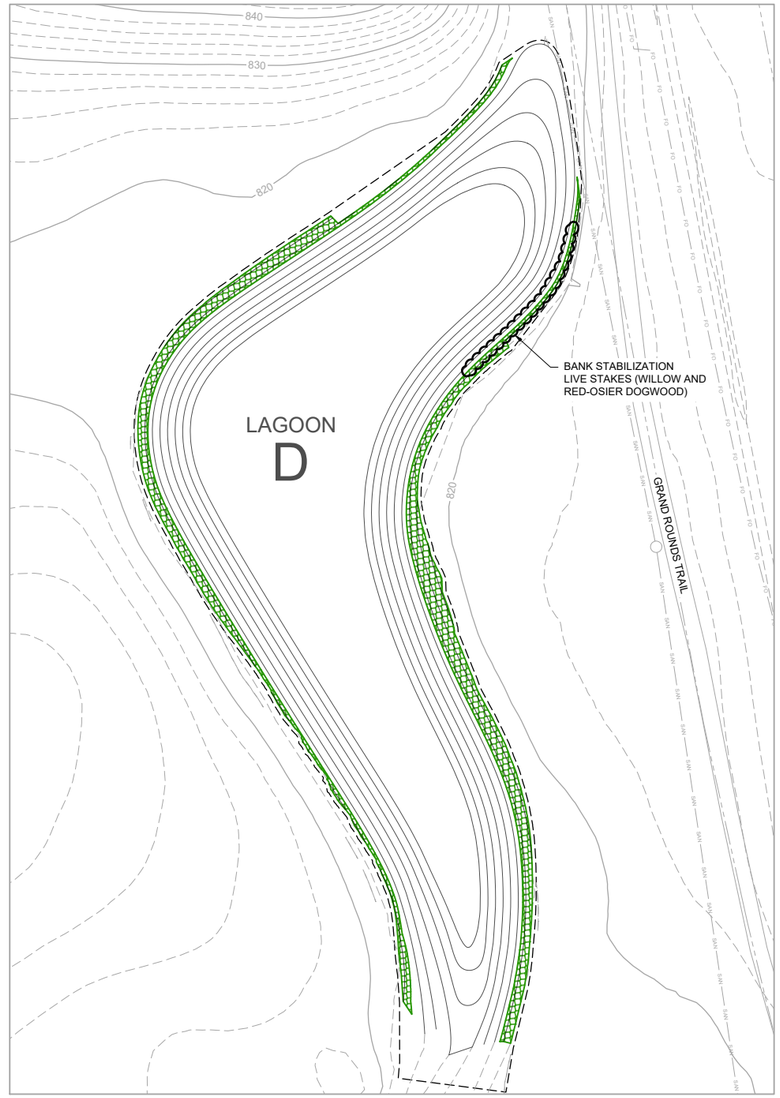
0 40 80
SCALE IN FEET



2 PLAN: LAGOON E RESTORATION PLAN

0 50 100
SCALE IN FEET

N



3 PLAN: LAGOON D RESTORATION PLAN

0 40 80
SCALE IN FEET

N

LEGEND

- EXISTING MINOR CONTOUR
- 880 EXISTING MAJOR CONTOUR
- 874 PROPOSED MINOR CONTOUR
- 875 PROPOSED MAJOR CONTOUR
- CONSTRUCTION LIMITS
- SEED MIX 1 - MNDOT 25-131 WITH HYDROMULCH
- SEED MIX 2 - MNDOT 33-261 SUPPLEMENT WITH AMERICAN SLOUGH GRASS @3 LBS/ACRE WITH MNDOT CAT 3 TYPE 2S EROSION CONTROL BLANKET
- SEED MIX 3 - MNL BEE LAWN OR APPROVED EQUAL - (PENDING MPRB APPROVAL)
- SEED MIX 4 - MNDOT 35-241 WITH HYDROMULCH

RESTORATION NOTES

1. EROSION CONTROL BLANKET SHALL BE NATURAL NETTING - ANY PLASTIC NETTING WILL BE REMOVED AND REPLACED AT THE CONTRACTORS EXPENSE.
2. NO HERBICIDE USE IS ALLOWED.
3. SEED IN ACCORDANCE WITH THE SPECIFICATIONS. SEEDING IS TO TAKE PLACE IMMEDIATELY FOLLOWING FINAL GRADING AND TOPSOIL PLACEMENT TO PREVENT EROSION AND COMPACTION.
4. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION. IN THE CASE OF ANY DISCREPANCIES BETWEEN THIS DETAIL, PLANS, OR SPECIFICATIONS, THE SPECIFICATIONS SHALL GOVERN.
5. NO RUBBER TIRED EQUIPMENT IN SEEDING AREAS AFTER SOIL LOOSENING. LOW GROUND PRESSURE TRACKED EQUIPMENT ONLY. ANY COMPACTION OF PREVIOUSLY LOOSENED SOIL MUST BE LOOSENED.
6. ALL INCIDENTAL DISTURBANCE TO TURF AREAS SHALL BE RESTORED WITH SEED MIX 1 AND HYDROMULCH.
7. SEED MIX AREAS 1 SHALL BE RESTORED WITH ADDITIONAL TOPSOIL IF REQUIRED TO MAINTAIN EXISTING TOPSOIL THICKNESS OR EXISTING GRADE.

90% DRAFT
FOR REVIEW

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GOLDEN VALLEY, MINNESOTA

MAIN STEM LAGOON DREDGING PROJECT
GOLDEN VALLEY, MINNESOTA

RESTORATION PLAN

BARR PROJECT No. 23/27-1860.00
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DWG. No. C-07
REV. No. D

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