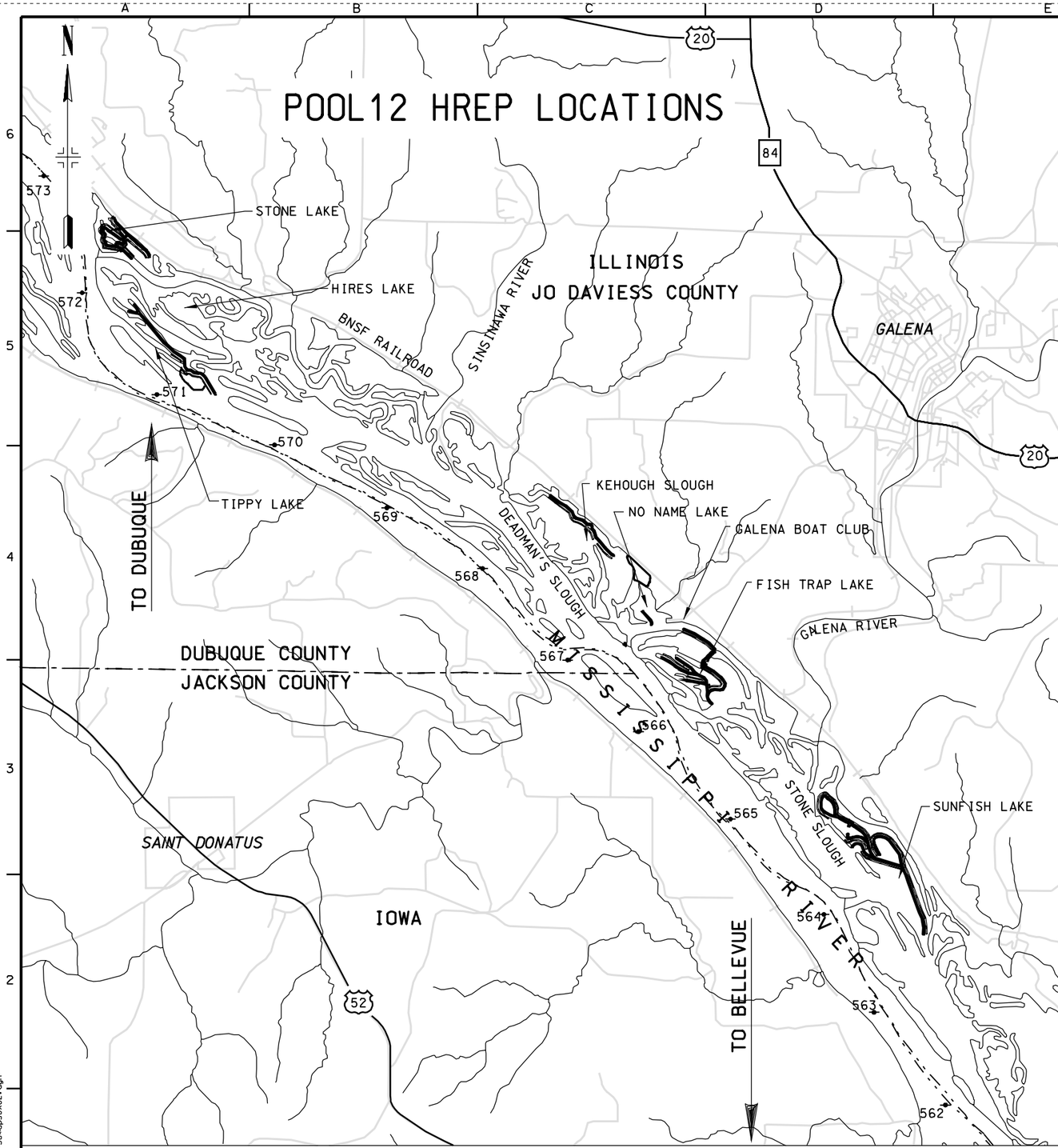
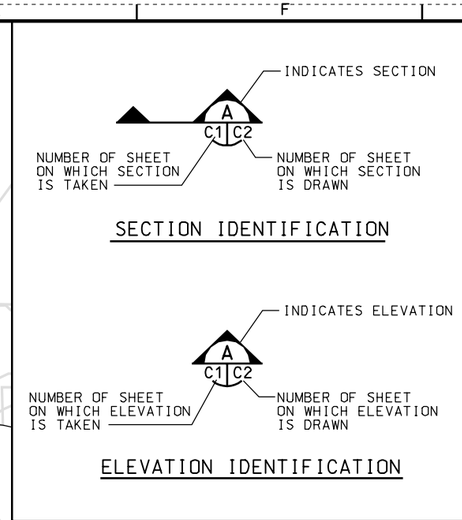
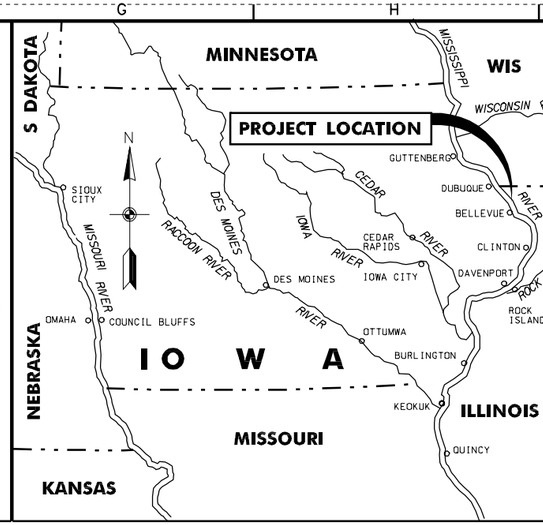


LOCATION PLAN

2500 1250 0 2500 5000
SCALE IN FEET



BUBBLE LEGEND



VICINITY MAP

25 0 25 50 75
SCALE IN MILES

GENERAL NOTES:

1. FLAT POOL IS EL. 592.0 FEET ABOVE MSL 1912.
2. CHANNEL DEPTHS WERE DEVELOPED FROM LTRM SOUNDINGS, JULY 2001.
3. COUNTOURS FROM LTRM RIVER SOUNDINGS JULY 2001
4. DATE OF PHOTOGRAPHS USED IS NOVEMBER 20, 1995
5. COORDINATE SYSTEM IS BASED ON NAD 83 ILLINOIS WEST.
6. PROPOSED CHANNEL DEPTH, EL 584.0 FT.

DRAWING INDEX

SHEET NO.	REF. NO.	PLATE NO.	SHEET TITLE
2	X2	PLATE 1	SITE LOCATION, INDEX AND VICINITY MAP
3	C1	PLATE 2	SUNFISH LAKE I RECOMMENDED PLAN
4	C2	PLATE 3	SUNFISH LAKE II RECOMMENDED PLAN
5	C3	PLATE 4	FISH TRAP LAKE RECOMMENDED PLAN
6	C4	PLATE 5	NO NAME LAKE RECOMMENDED PLAN
7	C5	PLATE 6	KEHOUGH SLOUGH RECOMMENDED PLAN
8	C6	PLATE 7	TIPPY LAKE RECOMMENDED PLAN
9	C7	PLATE 8	STONE LAKE RECOMMENDED PLAN
10	C8	PLATE 9	TYPICAL SECTIONS I
11	C9	PLATE 10	TYPICAL SECTIONS II
12	M1	PLATE 11	ALTERNATIVES I NOT RECOMMENDED
13	M2	PLATE 12	ALTERNATIVES II NOT RECOMMENDED
14	MP01	PLATE 13	MONITORING PLAN I
15	MP02	PLATE 14	MONITORING PLAN II
16	MP03	PLATE 15	MONITORING PLAN III
17	G1	PLATE 16	BORING LOGS I
18	G2	PLATE 17	BORING LOGS II
19	G3	PLATE 18	BORING LOGS III
20	G4	PLATE 19	BORING LOGS IV
21	G5	PLATE 20	BORING LOGS V
22	G6	PLATE 21	BORING LOGS VI
23	G7	PLATE 22	BORING LOGS VII
24	G8	PLATE 23	SLOPE STABILITY

SEE APPENDIX G

US Army Corps of Engineers
Rock Island District

Symbol	Description	Date	Approved
	Revisions		

Designed By: DRC
Date: 9 FEB. 2004
Drawn By: MRC
Scale: AS SHOWN
Checked By: DJJ
Project Code: ep58
Reviewed By: DJJ
Solicitation Number: DACW25-XX-B-XXXX

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
ROCK ISLAND, ILLINOIS

MISSISSIPPI RIVER
EMP. POOL 12 OVERWINTERING
JO DAVIESS COUNTY, ILLINOIS

SITE LOCATION, INDEX AND VICINITY MAP

Sheet Reference Number:
X2
Sheet 2 of 24

PLATE 1

28-MAR-2005 07:55
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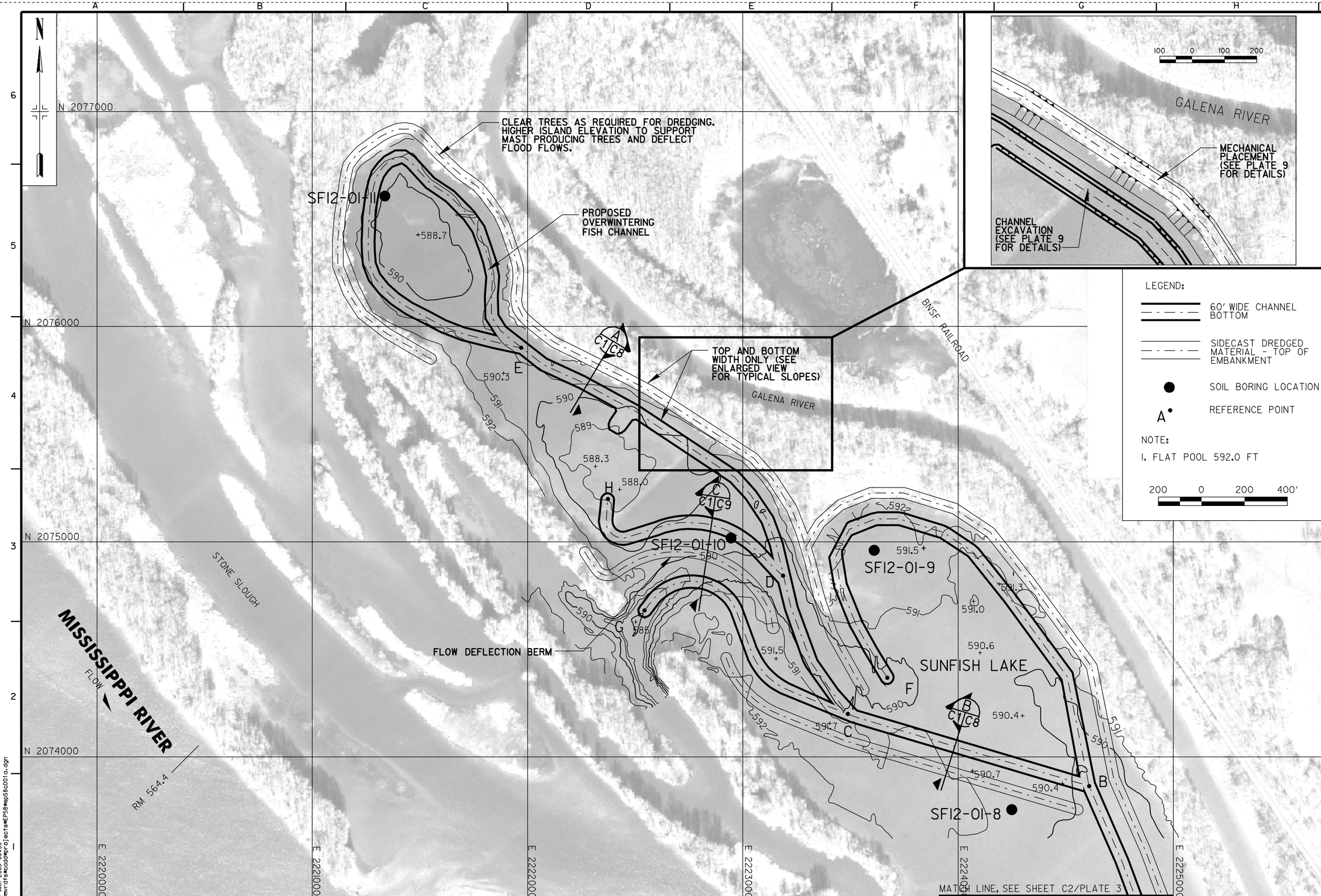

US Army Corps of Engineers
Rock Island District

Symbol	Description	Date	Approved
	Revisions		

Designed By: DRC
Drawn By: MRC
Checked By: DJJ
Reviewed By: DJJ
Date: 9 FEB. 2004
Scale: AS SHOWN
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Solicitation Number: DACW25-XX-B-XXXX

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
ROCK ISLAND, ILLINOIS

MISSISSIPPI RIVER
EMP. POOL 12 OVERWINTERING
JO DAVIESS COUNTY, ILLINOIS

SUNFISH LAKE I
RECOMMENDED PLAN

Sheet Reference Number:
C1
Sheet 3 of 24

PLATE 2

28-MAR-2005 08:33
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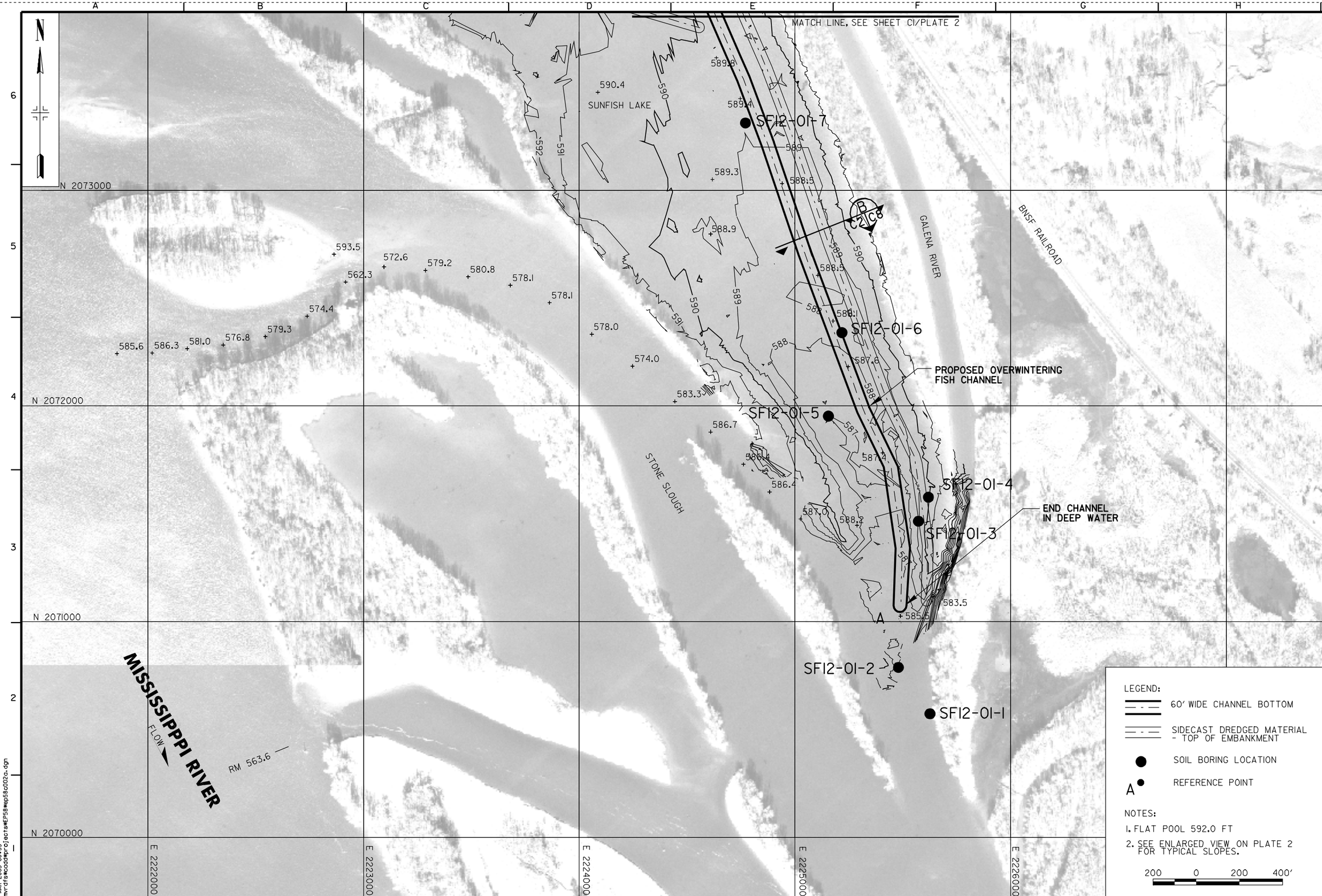

LEGEND:

- 60' WIDE CHANNEL BOTTOM
- SIDECAST DREDGED MATERIAL - TOP OF EMBANKMENT
- SOIL BORING LOCATION
- A REFERENCE POINT

NOTES:

1. FLAT POOL 592.0 FT
2. SEE ENLARGED VIEW ON PLATE 2 FOR TYPICAL SLOPES.

200 0 200 400'

US Army Corps of Engineers Rock Island District

Symbol	Description	Date	Approved
	Revisions		

Designed By: DRC
Drawn By: MRC
Checked By: DJJ
Reviewed By: DJJ
Date: 9 FEB. 2004
Scale: AS SHOWN
Project Code: ep258
Solicitation Number: DACW25-XX-B-XXXX

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS ROCK ISLAND, ILLINOIS

MISSISSIPPI RIVER
EMP. POOL 12 OVERWINTERING
JO DAVIESS COUNTY, ILLINOIS

SUNFISH LAKE II RECOMMENDED PLAN

Sheet Reference Number: C2
Sheet 4 of 24

PLATE 3

28-MAR-2005 08:33
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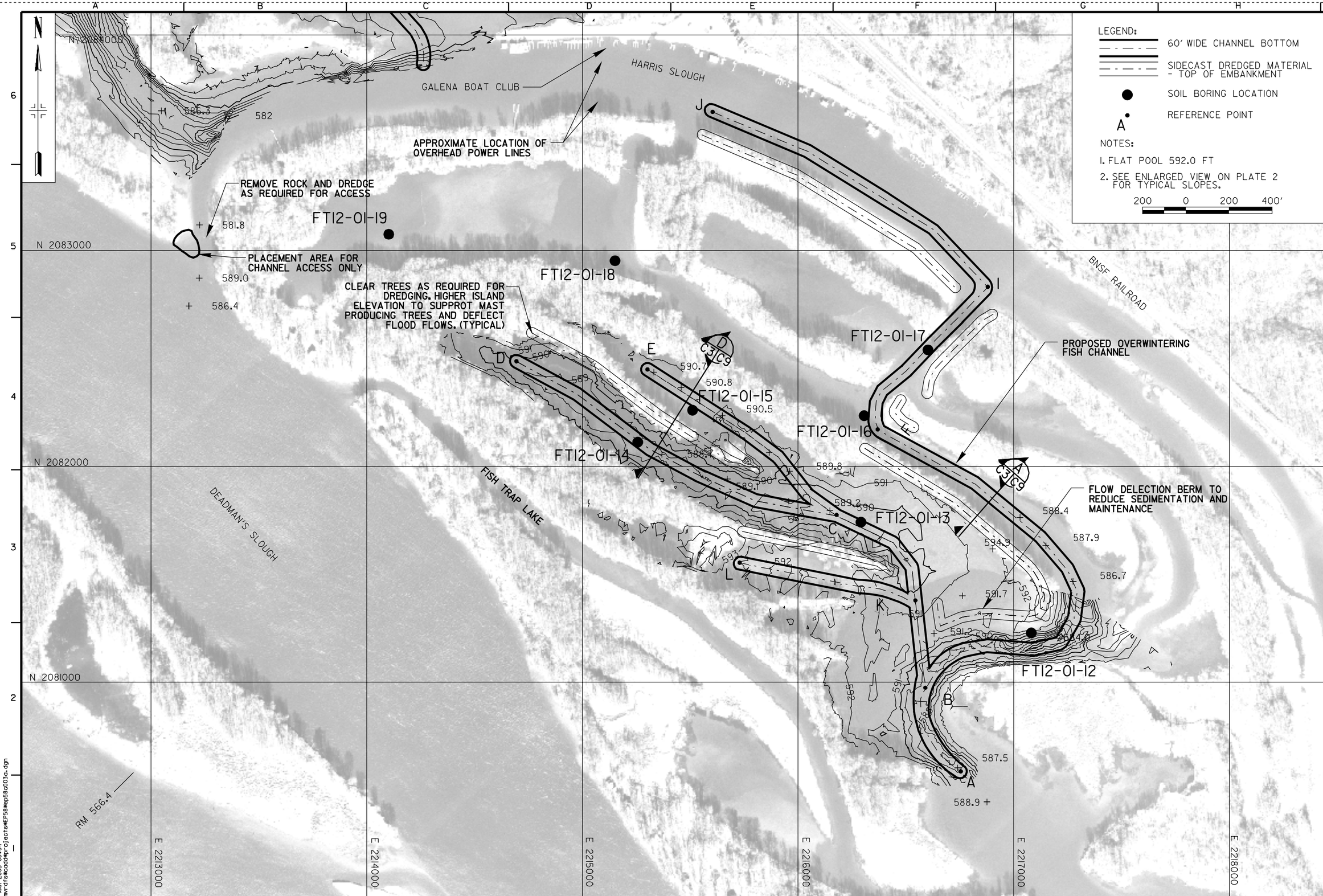

LEGEND:

- 60' WIDE CHANNEL BOTTOM
- SIDECAST DREDGED MATERIAL - TOP OF EMBANKMENT
- SOIL BORING LOCATION
- A REFERENCE POINT

NOTES:

1. FLAT POOL 592.0 FT
2. SEE ENLARGED VIEW ON PLATE 2 FOR TYPICAL SLOPES.

200 0 200 400'

US Army Corps of Engineers Rock Island District

Symbol	Description	Date	Approved
	Revisions		

Designed By: DRC
Drawn By: MRC
Checked By: DJJ
Reviewed By: DJJ
Date: 9 FEB. 2004
Scale: AS SHOWN
Project Code: ep58
Solicitation Number: DACW25-XX-B-XXXX

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
ROCK ISLAND, ILLINOIS

MISSISSIPPI RIVER
EMP. POOL 12 OVERWINTERING
JO DAVIESS COUNTY, ILLINOIS

FISH TRAP LAKE RECOMMENDED PLAN

Sheet Reference Number: **C3**
Sheet 5 of 24

PLATE 4

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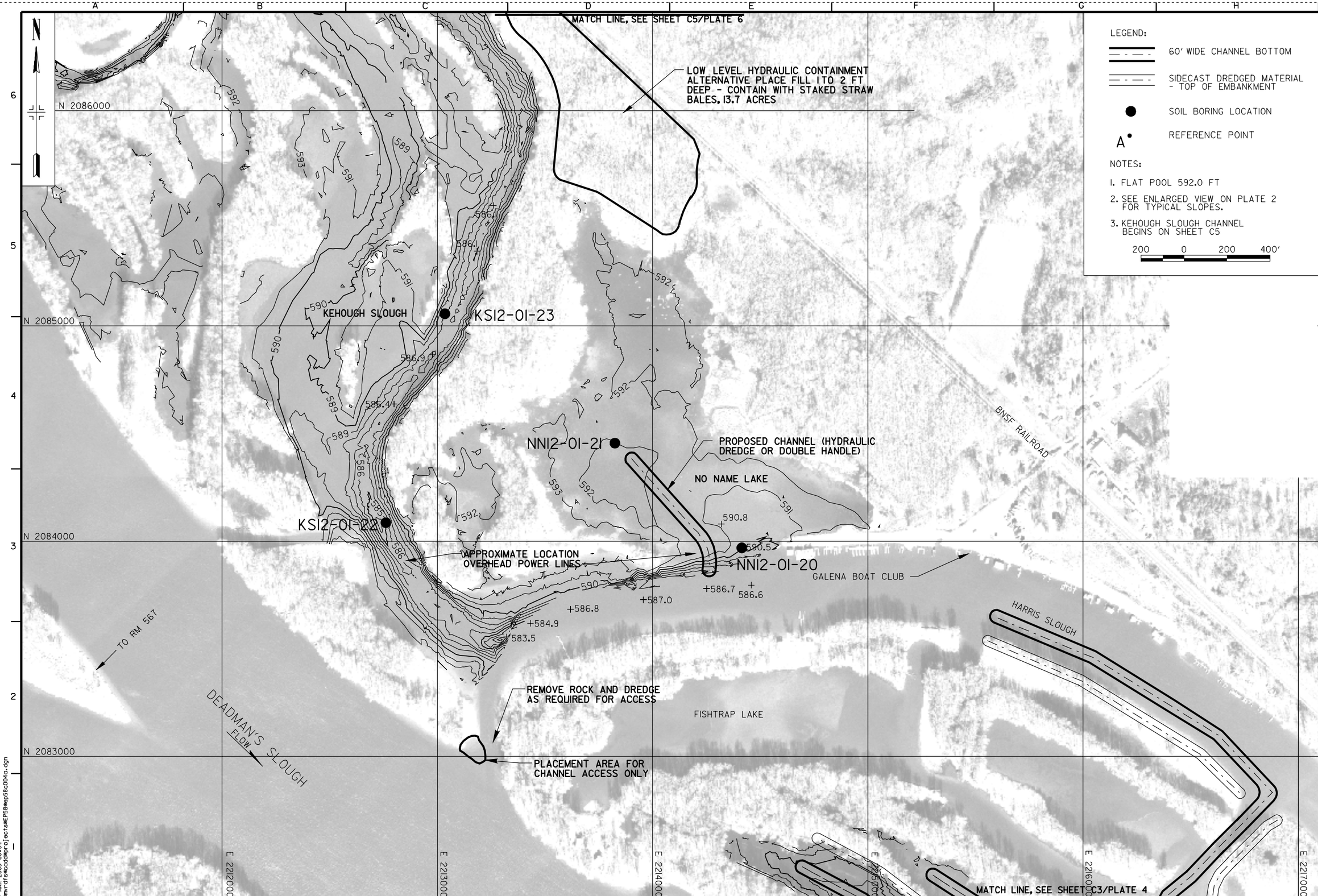

LEGEND:

60' WIDE CHANNEL BOTTOM

SIDECAST DREDGED MATERIAL - TOP OF EMBANKMENT

SOIL BORING LOCATION

A REFERENCE POINT

NOTES:

1. FLAT POOL 592.0 FT
2. SEE ENLARGED VIEW ON PLATE 2 FOR TYPICAL SLOPES.
3. KEHOUGH SLOUGH CHANNEL BEGINS ON SHEET C5

200 0 200 400'

US Army Corps of Engineers Rock Island District

Symbol	Description	Date	Approved
	Revisions		

Designed By: DRC
Drawn By: MRC
Checked By: DJJ
Reviewed By: DJJ
Date: 9 FEB. 2004
Scale: AS SHOWN
Project Code: ep58
Solicitation Number: DACW25-XX-B-XXXX

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS ROCK ISLAND, ILLINOIS

MISSISSIPPI RIVER
EMP. POOL 12 OVERWINTERING
JO DAVIESS COUNTY, ILLINOIS

NO NAME LAKE RECOMMENDED PLAN

Sheet Reference Number: C4
Sheet 6 of 24

PLATE 5

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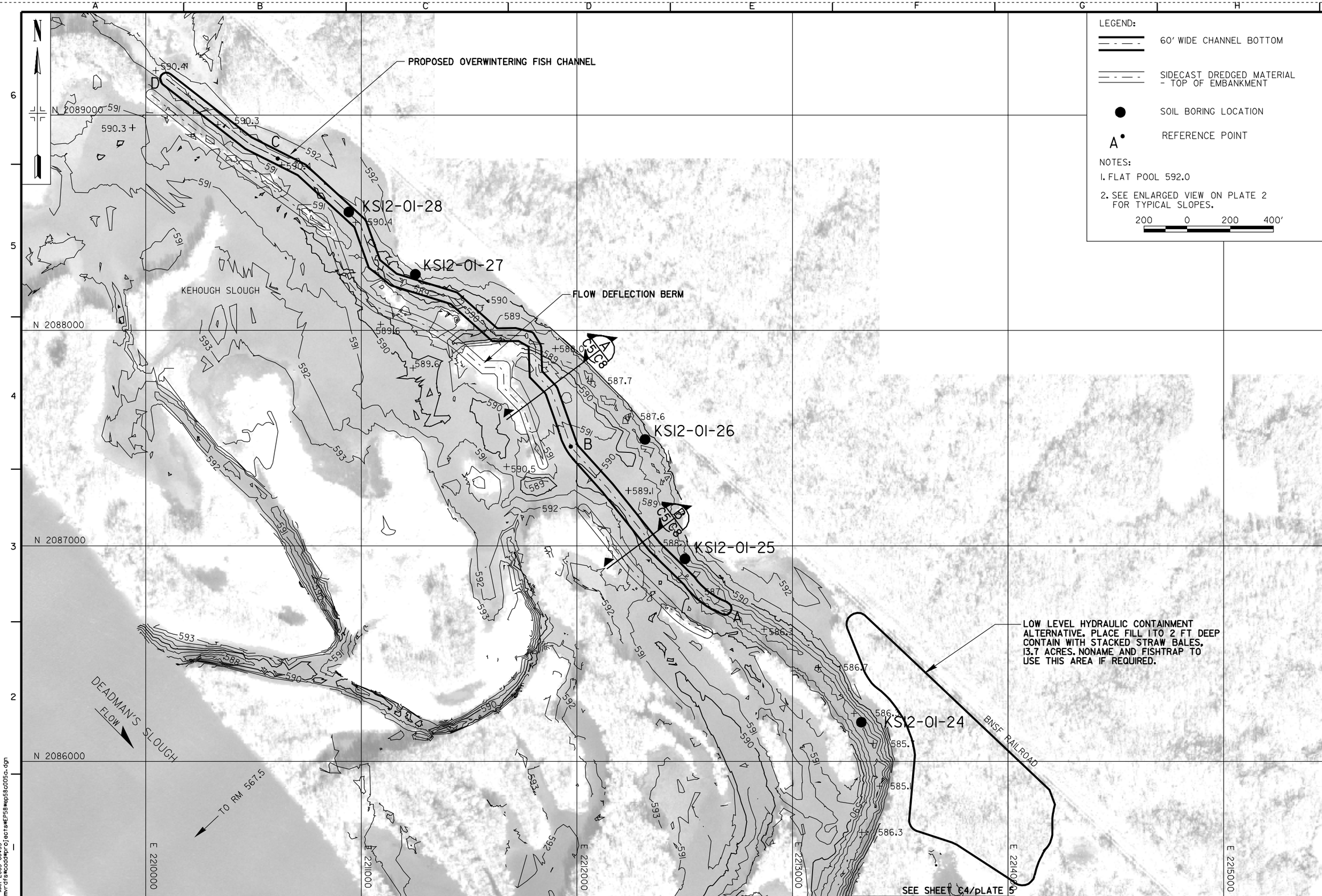

LEGEND:

60' WIDE CHANNEL BOTTOM

SIDECAST DREDGED MATERIAL - TOP OF EMBANKMENT

SOIL BORING LOCATION

A REFERENCE POINT

NOTES:

1. FLAT POOL 592.0
2. SEE ENLARGED VIEW ON PLATE 2 FOR TYPICAL SLOPES.

200 0 200 400'

US Army Corps of Engineers Rock Island District

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Drawn By: MRC
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Scale: AS SHOWN
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U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
ROCK ISLAND, ILLINOIS

MISSISSIPPI RIVER
EMP. POOL 12 OVERWINTERING
JO DAVIESS COUNTY, ILLINOIS

KEHOUGH SLOUGH RECOMMENDED PLAN

Sheet Reference Number: C5
Sheet 7 of 24

PLATE 6

28-MAR-2005 08:35
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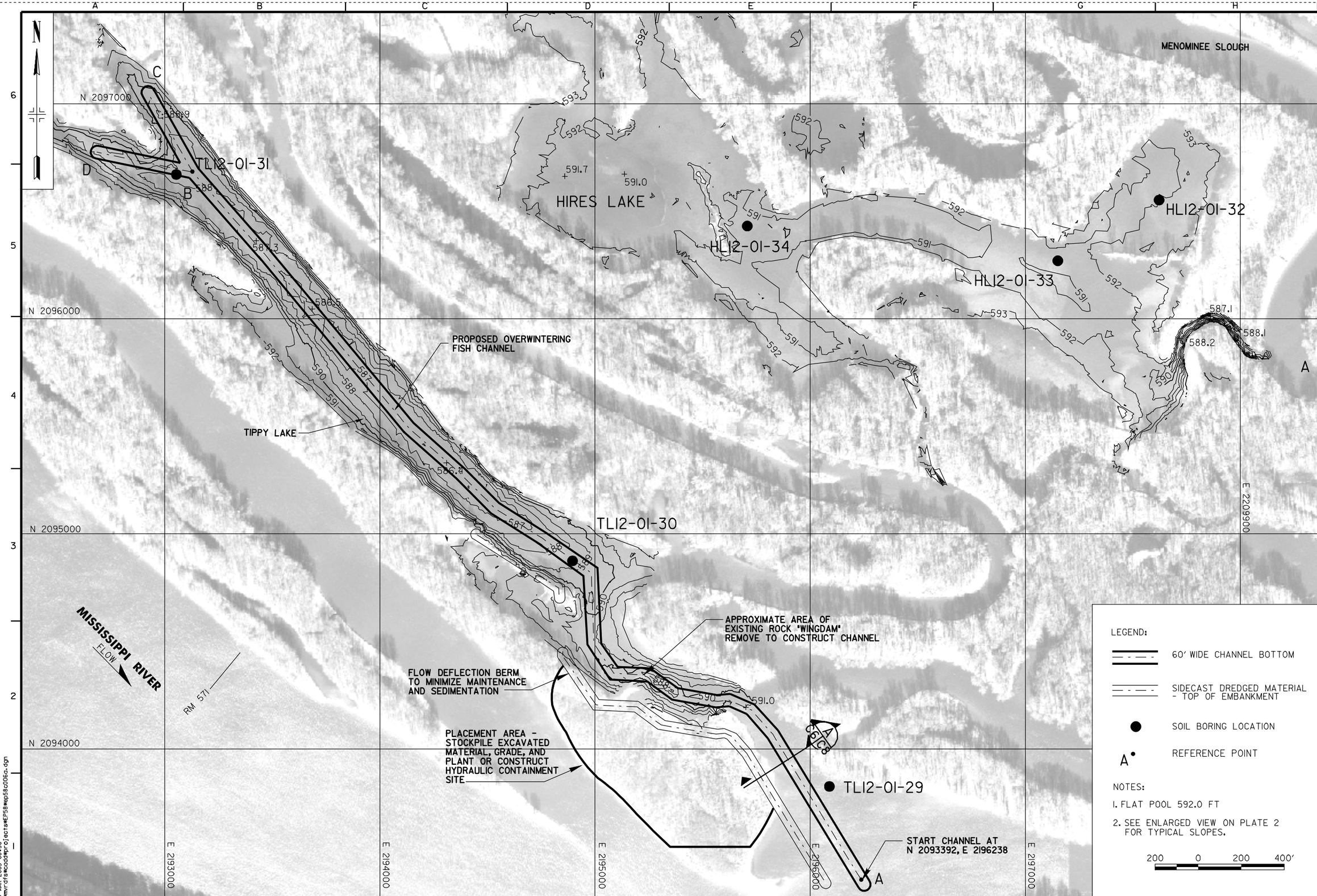

LEGEND:

- 60' WIDE CHANNEL BOTTOM
- SIDECAST DREDGED MATERIAL - TOP OF EMBANKMENT
- SOIL BORING LOCATION
- A REFERENCE POINT

NOTES:

1. FLAT POOL 592.0 FT
2. SEE ENLARGED VIEW ON PLATE 2 FOR TYPICAL SLOPES.

200 0 200 400'

US Army Corps of Engineers
Rock Island District

Symbol	Description	Date	Approved
	Revisions		

Designed By: DRC
Drawn By: MRC
Checked By: DJJ
Reviewed By: DJJ
Date: 9 FEB. 2004
Scale: AS SHOWN
Project Code: ep58
Solicitation Number: DACW25-XX-B-XXXX

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
ROCK ISLAND, ILLINOIS

MISSISSIPPI RIVER
EMP. POOL 12 OVERWINTERING
JO DAVIESS COUNTY, ILLINOIS

TIPPY LAKE RECOMMENDED PLAN

Sheet Reference Number: C6
Sheet 8 of 24

PLATE 7

28-MAR-2005 08:36
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US Army Corps of Engineers
Rock Island District

Symbol	Description	Date	Approved
	Revisions		

Designed By: DRC
Date: 9 FEB. 2004
Drawn By: MRC
Scale: AS SHOWN
Checked By: DJJ
Project Code: ep58
Reviewed By: DJJ
Solicitation Number: DACW25-XX-B-XXXX

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
ROCK ISLAND, ILLINOIS

MISSISSIPPI RIVER
EMP. POOL 12 OVERWINTERING
JO DAVIESS COUNTY, ILLINOIS

STONE LAKE RECOMMENDED PLAN

Sheet Reference Number:
C7
Sheet 9 of 24

PLATE 8

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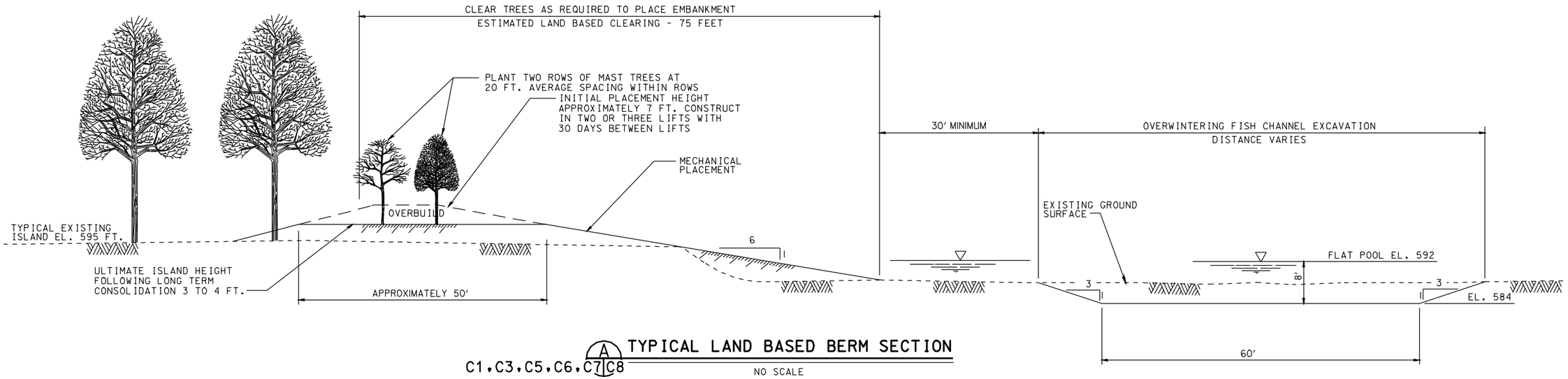
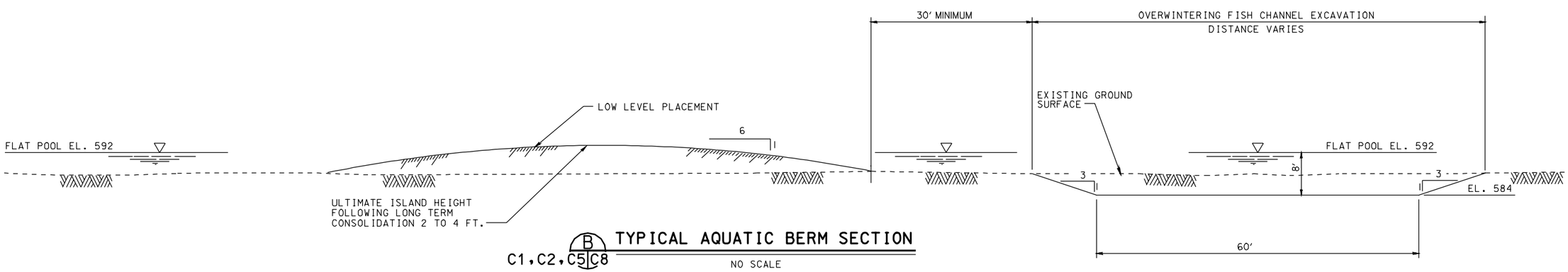


A TYPICAL LAND BASED BERM SECTION

C1,C3,C5,C6,C7 C8

NO SCALE



B TYPICAL AQUATIC BERM SECTION

C1,C2,C5 C8

NO SCALE

NOTES:

1. FLAT POOL = 592.0 FT
2. REQUIRED DEPTH = 586.0 FT TO 588.0 FT
3. INITIAL DREDGED DEPTH = 584.0 FT

US Army Corps of Engineers
Rock Island District

Symbol	Description	Date	Approved
	Revisions		

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
ROCK ISLAND, ILLINOIS

Designed By: DRC	Date: 9 FEB. 2004		
Drawn By: MRC	Scale: AS SHOWN		
Checked By: DJJ	Project Code: ep58		
Reviewed By: DJJ	Solicitation Number: DACW25-XX-B-XXXX		

MISSISSIPPI RIVER
EMP. POOL 12 OVERWINTERING
JO DAVIESS COUNTY, ILLINOIS

TYPICAL SECTIONS I

Sheet Reference Number: C8

Sheet 10 of 24

PLATE 9

28-MAR-2005 08:52
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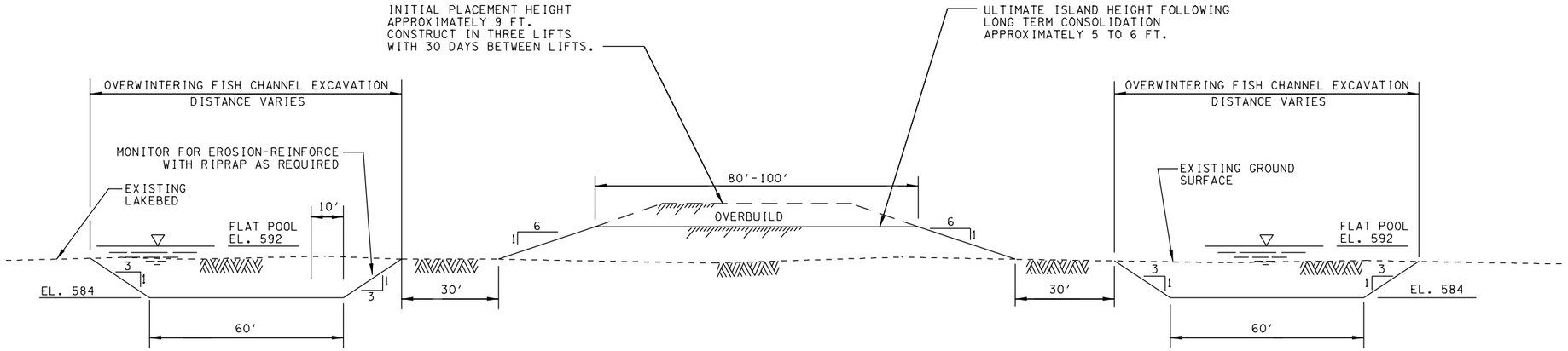
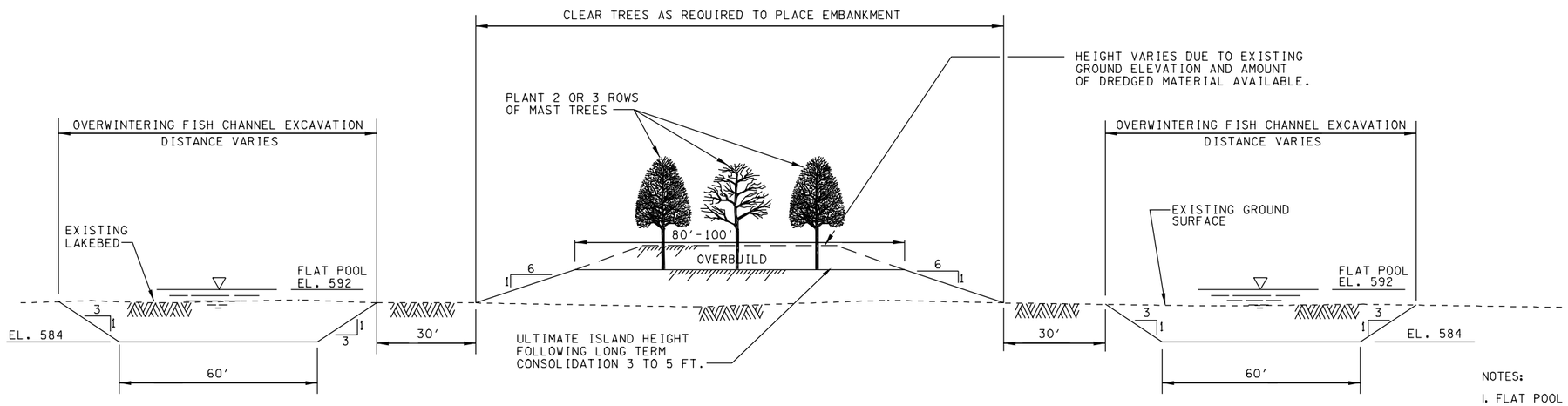
RTR 5-25-04



C/C1|C9 TYPICAL SECTION SUNFISH DEFLECTION BERM

NO SCALE

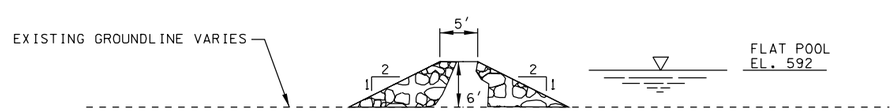


D/C3|C9 TYPICAL SECTION FISHTRAP LAKE

NO SCALE

NOTES:

1. FLAT POOL = 592.0 FT
2. REQUIRED DEPTH = 586.0 FT TO 588.0 FT
3. INITIAL DREDGED DEPTH = 584.0 FT



E/C7|C9 TYPICAL SECTION STONE LAKE ROCK DEFLECTION BERM

NO SCALE

US Army Corps of Engineers
Rock Island District

Symbol	Description	Date	Approved
	Revisions		

Designed By: DRC
Date: 9 FEB. 2004
Drawn By: MRC
Scale: AS SHOWN
Checked By: BAU
Project Code: ep58
Reviewed By: BAB
Solicitation Number: DACW25-XX-B-XXXX

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
ROCK ISLAND, ILLINOIS

MISSISSIPPI RIVER
EMP. POOL 12 OVERWINTERING
JO DAVIESS COUNTY, ILLINOIS

TYPICAL SECTIONS II

Sheet Reference Number:
C9
Sheet 11 of 24

PLATE 10

28-MAR-2005 08:37
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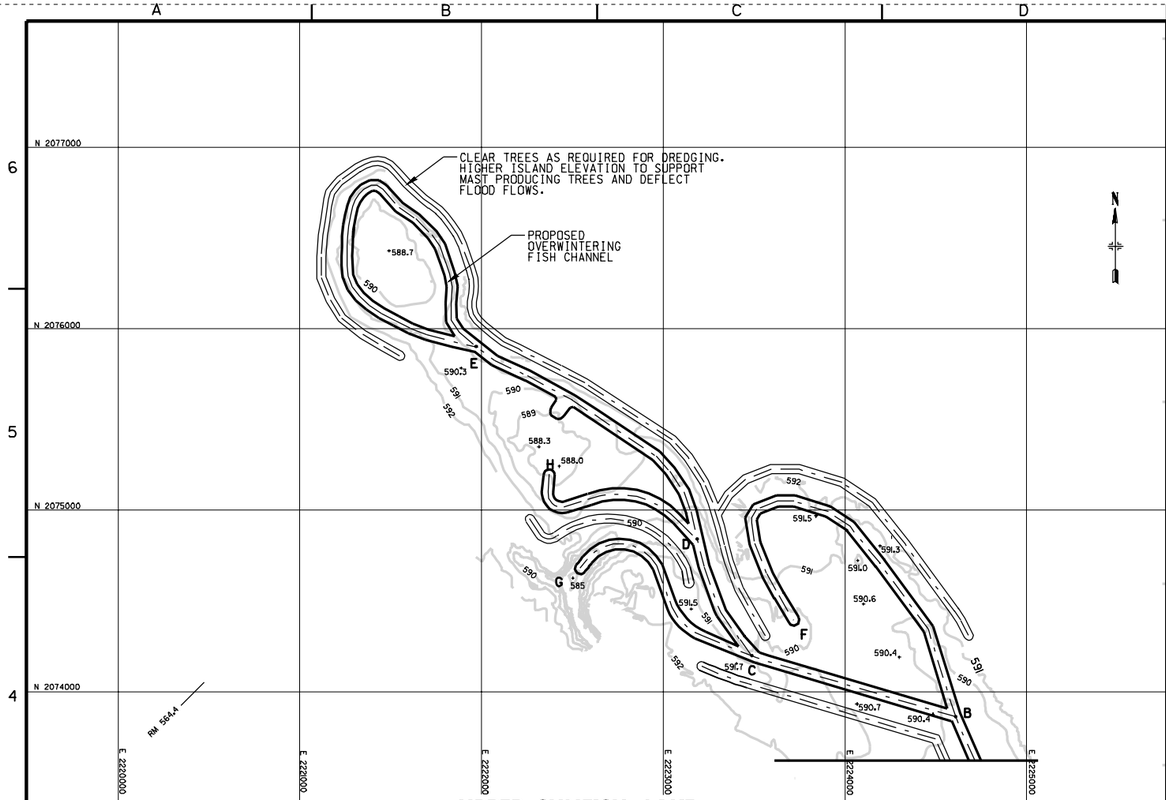
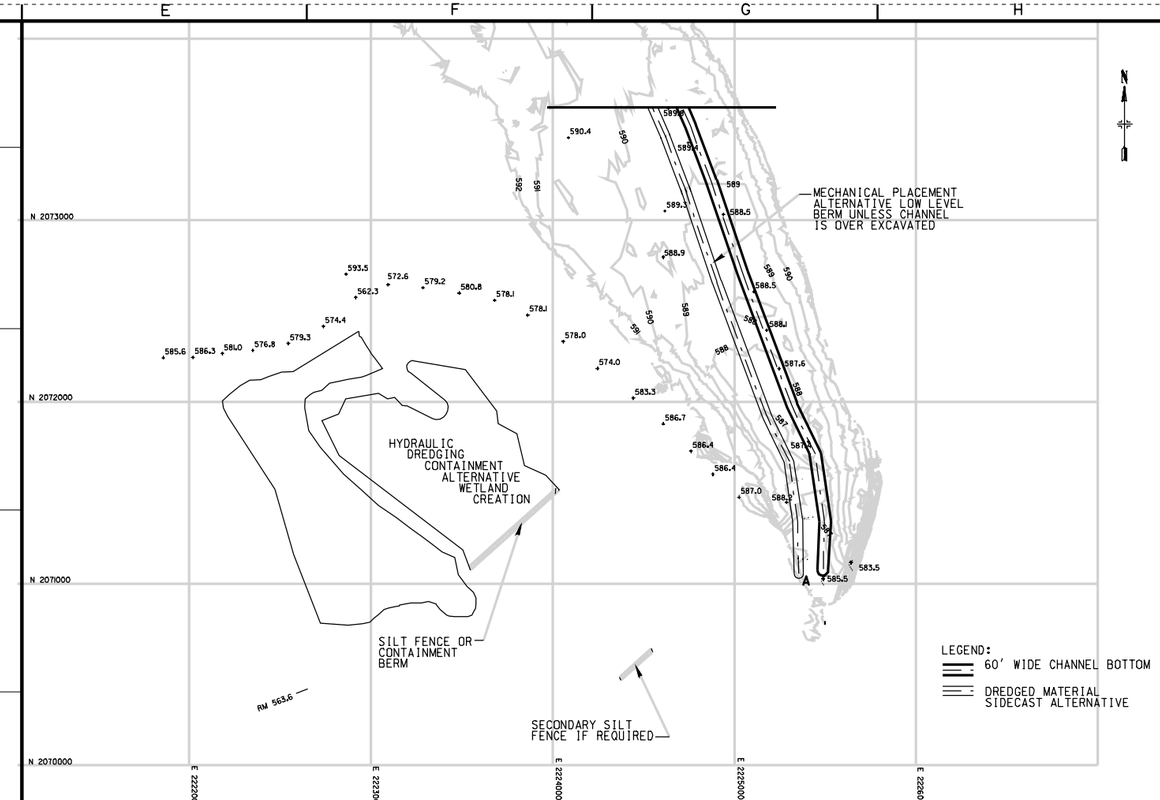
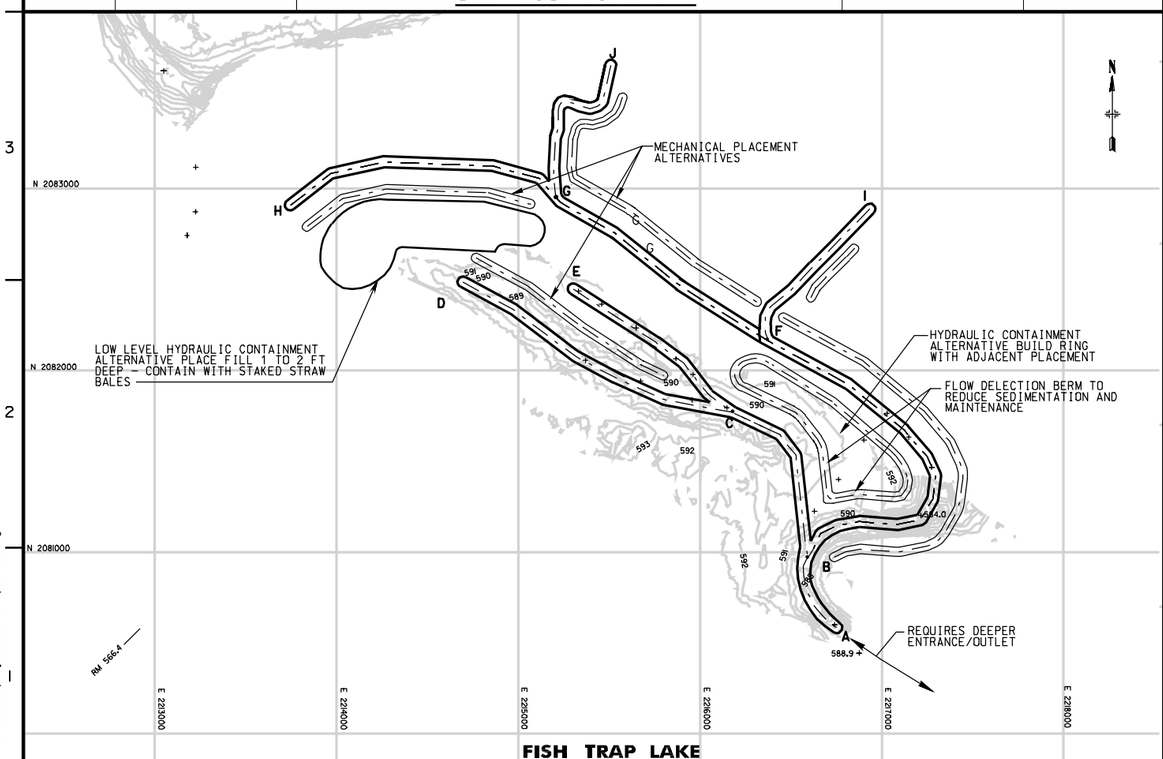


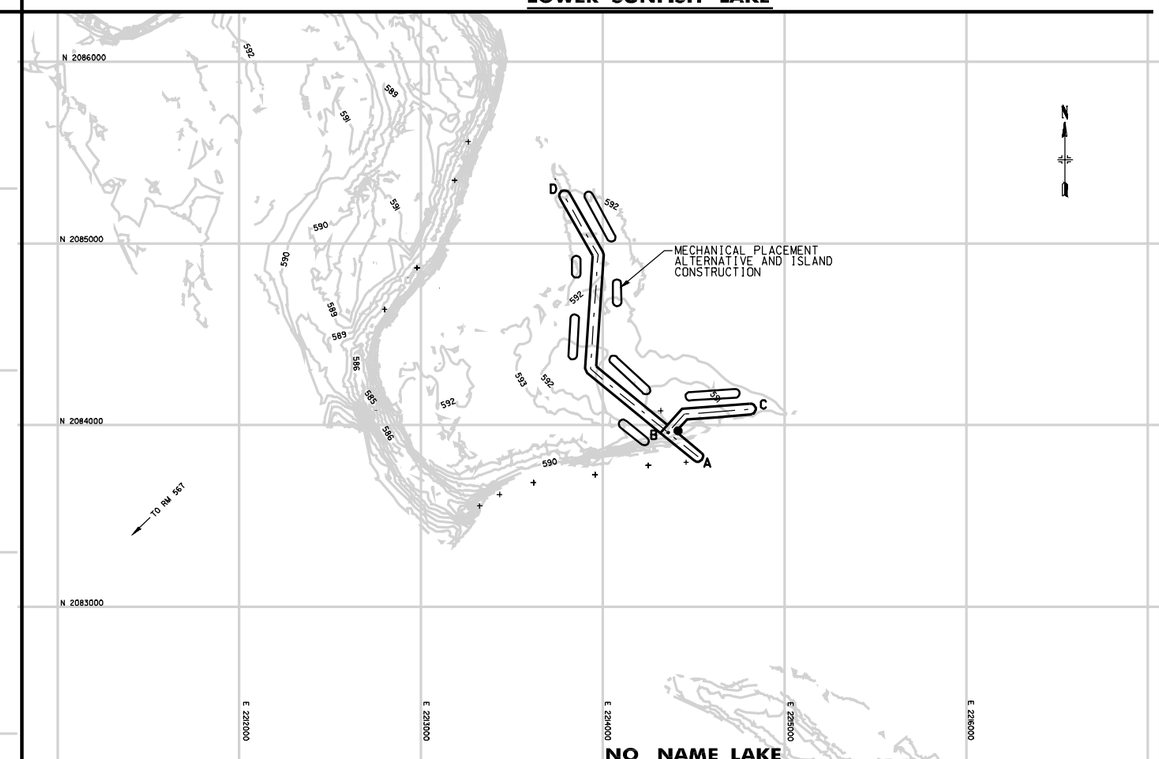
UPPER SUNFISH LAKE



LOWER SUNFISH LAKE



FISH TRAP LAKE



NO NAME LAKE

US Army Corps of Engineers
Rock Island District

Symbol	Description	Date	Approved

Revisions

Designed By: DRC
Drawn By: MRC
Checked By: DJJ
Reviewed By: DJJ
Date: 9 FEB. 2004
Scale: AS SHOWN
Project Code: ep58
Solicitation Number: DACW25-XX-B-XXXX

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
ROCK ISLAND, ILLINOIS

MISSISSIPPI RIVER
EMP. POOL 12 OVERWINTERING
JO DAVIESS COUNTY, ILLINOIS

ALTERNATIVES I
NOT RECOMMENDED

Sheet Reference Number:
M1
Sheet12 of 24

PLATE 11

28-MAR-2005 08:38
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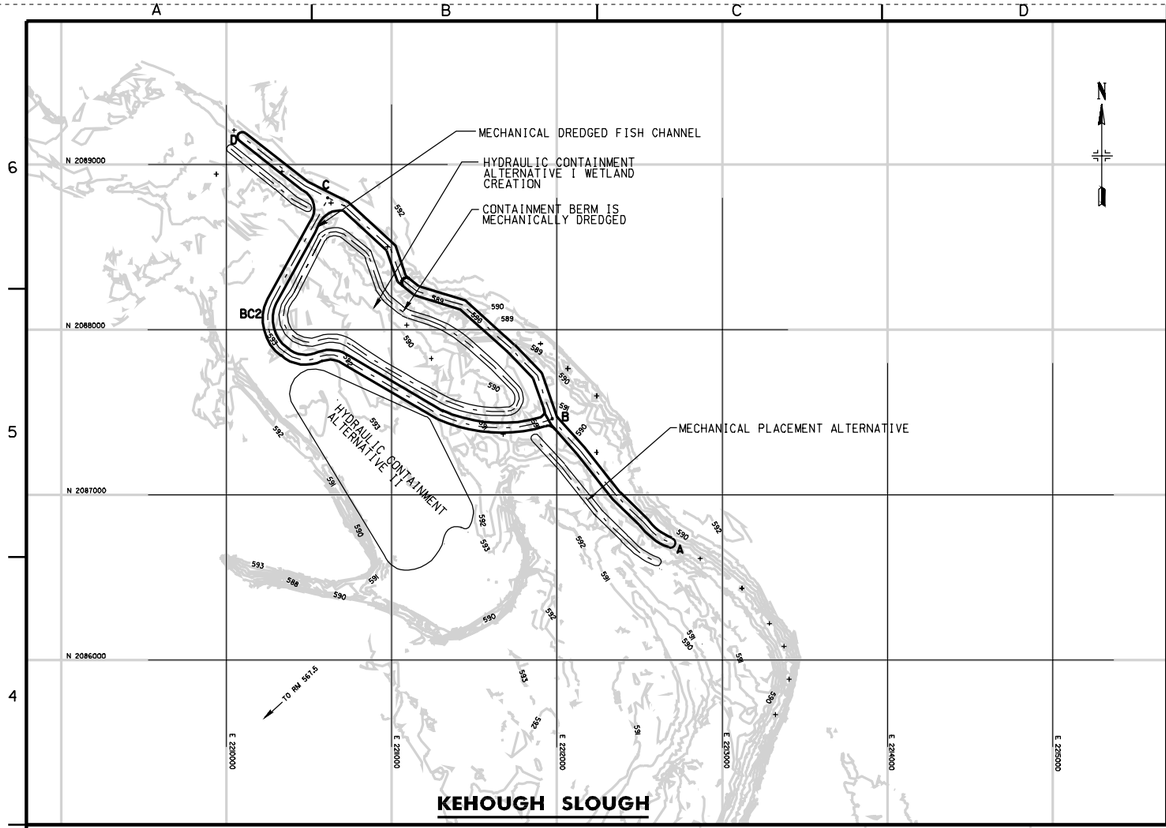
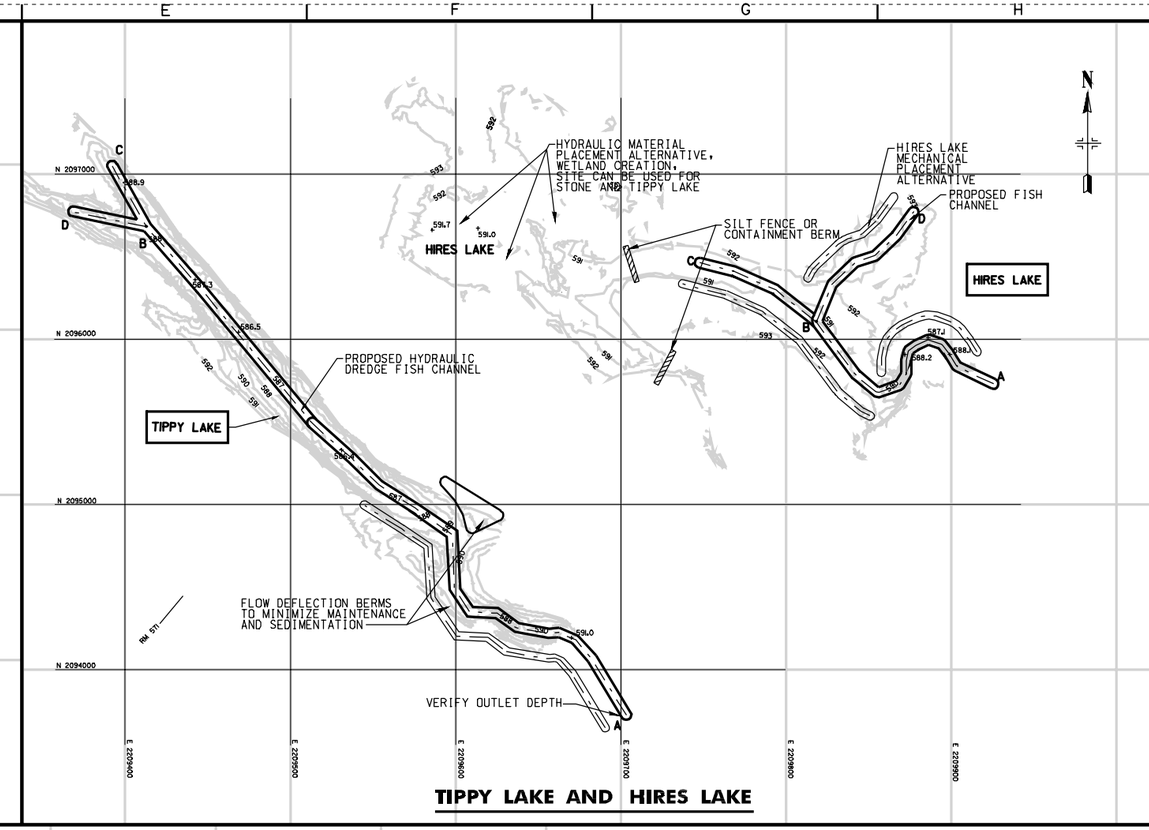
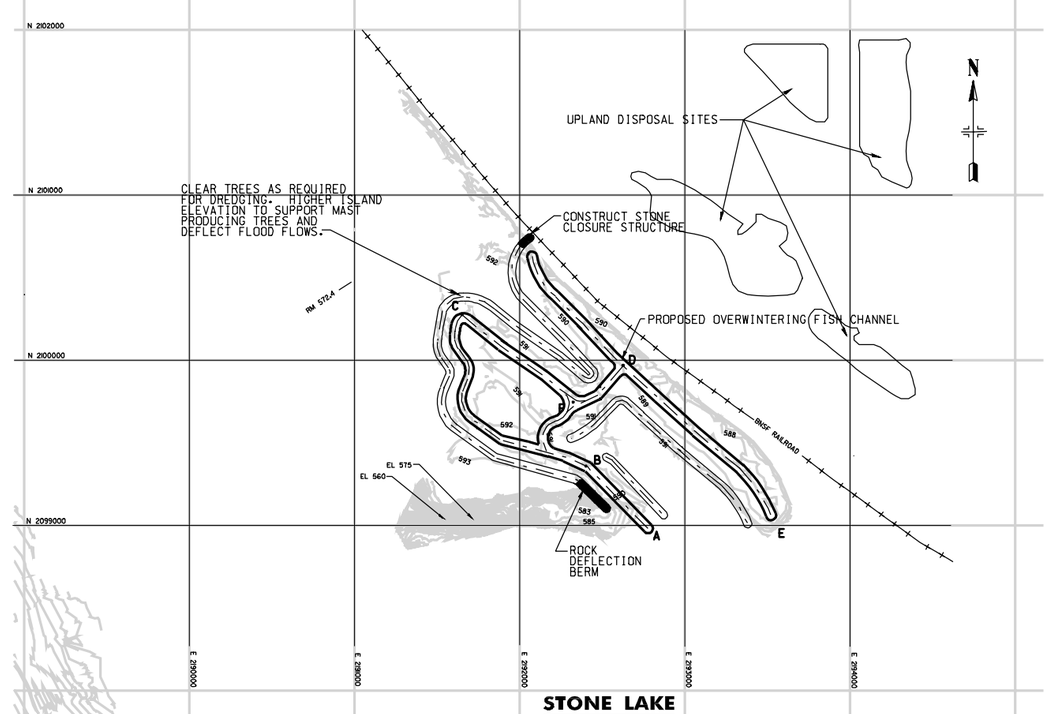


KEHOUGH SLOUGH



TIPPY LAKE AND HIRES LAKE



STONE LAKE

LEGEND:

60' WIDE CHANNEL BOTTOM

DREDGED MATERIAL SIDECAST ALTERNATIVE

US Army Corps of Engineers
Rock Island District

Symbol	Description	Date	Approved
	Revisions		

Designed By: DRC
Drawn By: MRC
Checked By: DJJ
Reviewed By: DJJ
Date: 9 FEB. 2004
Scale: AS SHOWN
Project Code: ep58
Solicitation Number: DACW25-XX-B-XXXX

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
ROCK ISLAND, ILLINOIS

MISSISSIPPI RIVER
EMP. POOL 12 OVERWINTERING
JO DAVIESS COUNTY, ILLINOIS

ALTERNATIVES II
NOT RECOMMENDED

Sheet Reference Number:
M2
Sheet 13 of 24

PLATE 12

28-MAR-2005 08:38
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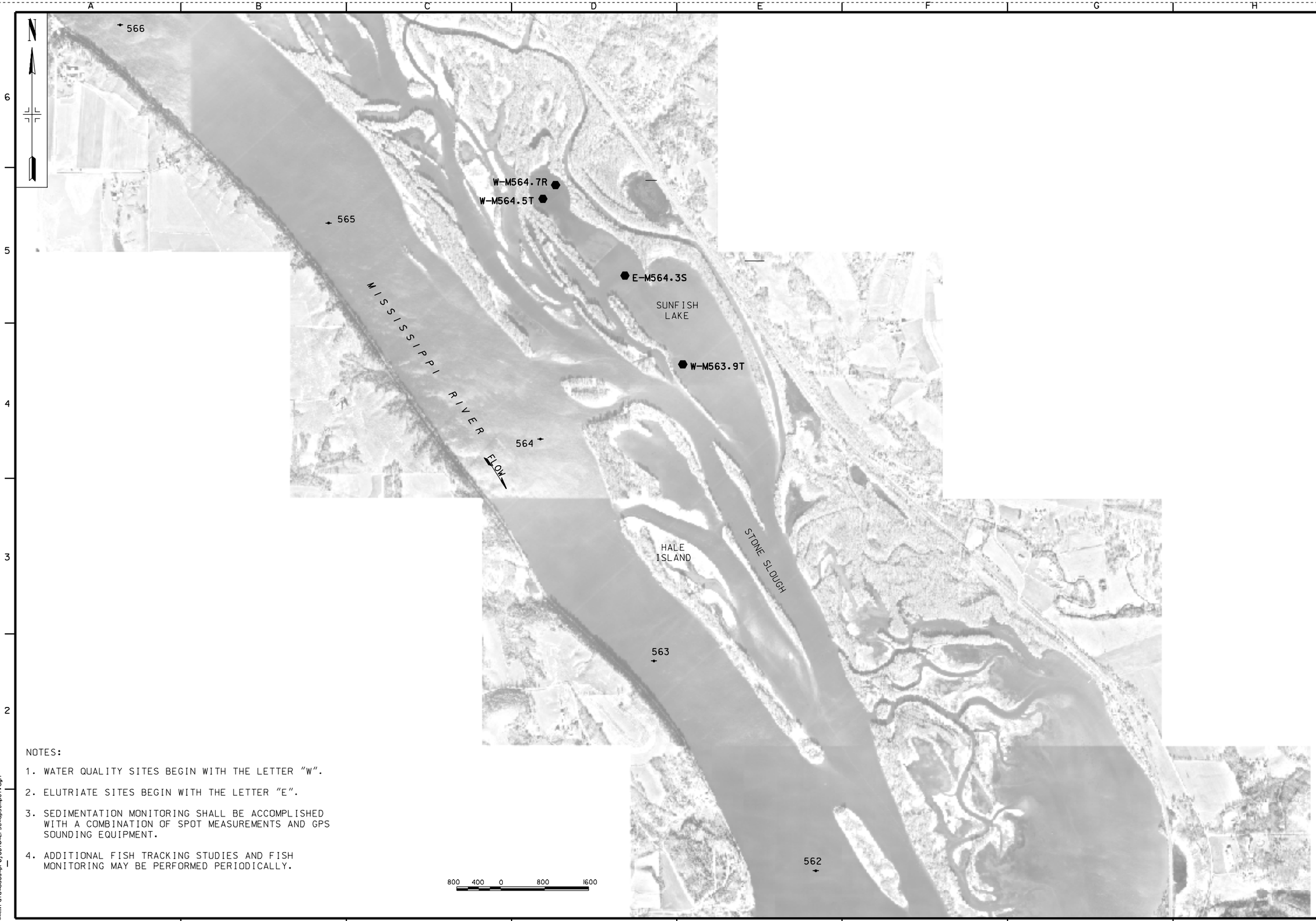

NOTES:

1. WATER QUALITY SITES BEGIN WITH THE LETTER "W".
2. ELUTRIATE SITES BEGIN WITH THE LETTER "E".
3. SEDIMENTATION MONITORING SHALL BE ACCOMPLISHED WITH A COMBINATION OF SPOT MEASUREMENTS AND GPS SOUNDING EQUIPMENT.
4. ADDITIONAL FISH TRACKING STUDIES AND FISH MONITORING MAY BE PERFORMED PERIODICALLY.

US Army Corps of Engineers
Rock Island District

Symbol	Description	Date	Approved
	Revisions		

Designed By: DRC
Date: 9 FEB. 2004
Drawn By: MRC
Scale: AS SHOWN
Checked By: DRC
Project Code: ep58
Reviewed By: DRP
Solicitation Number: DACW25-XX-B-XXXX

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
ROCK ISLAND, ILLINOIS

MISSISSIPPI RIVER
EMP. POOL 12 OVERWINTERING
JO DAVIESS COUNTY, ILLINOIS

MONITORING PLAN I

Sheet Reference Number:
MP01
Sheet 14 of 24

PLATE 13

28-MAR-2005 08:39
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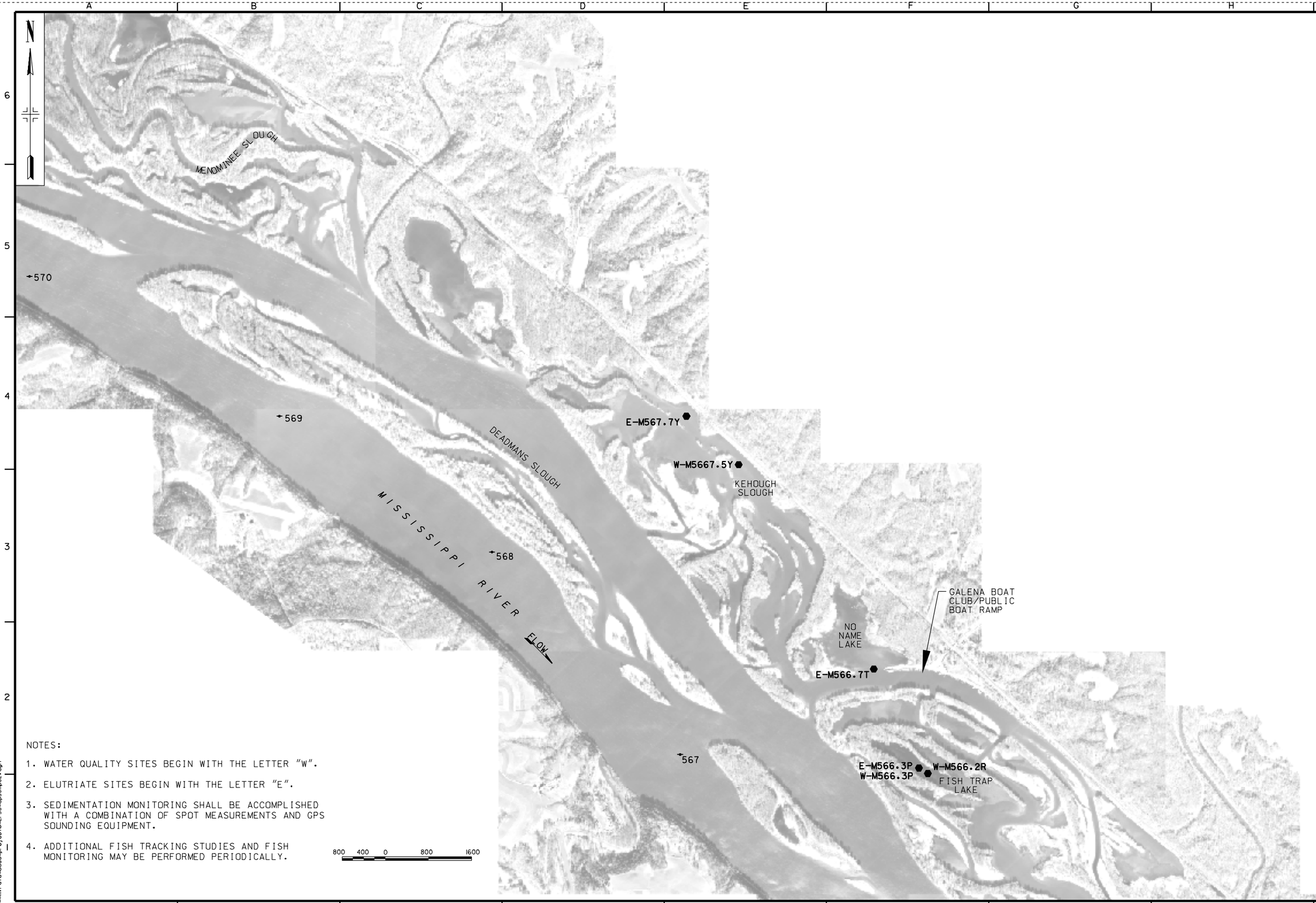

NOTES:

1. WATER QUALITY SITES BEGIN WITH THE LETTER "W".
2. ELUTRIATE SITES BEGIN WITH THE LETTER "E".
3. SEDIMENTATION MONITORING SHALL BE ACCOMPLISHED WITH A COMBINATION OF SPOT MEASUREMENTS AND GPS SOUNDING EQUIPMENT.
4. ADDITIONAL FISH TRACKING STUDIES AND FISH MONITORING MAY BE PERFORMED PERIODICALLY.

US Army Corps of Engineers
Rock Island District

Symbol	Description	Date	Approved
	Revisions		

Designed By: DRC
Drawn By: MRC
Checked By: DRC
Reviewed By: DAP
Date: 9 FEB. 2004
Scale: AS SHOWN
Project Code: ep58
Solicitation Number: DACW25-XX-B-XXXX

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
ROCK ISLAND, ILLINOIS

MISSISSIPPI RIVER
EMP. POOL 12 OVERWINTERING
JO DAVIESS COUNTY, ILLINOIS

MONITORING PLAN II

Sheet Reference Number:
MP02
Sheet 15 of 24

PLATE 14

28-MAR-2005 08:39
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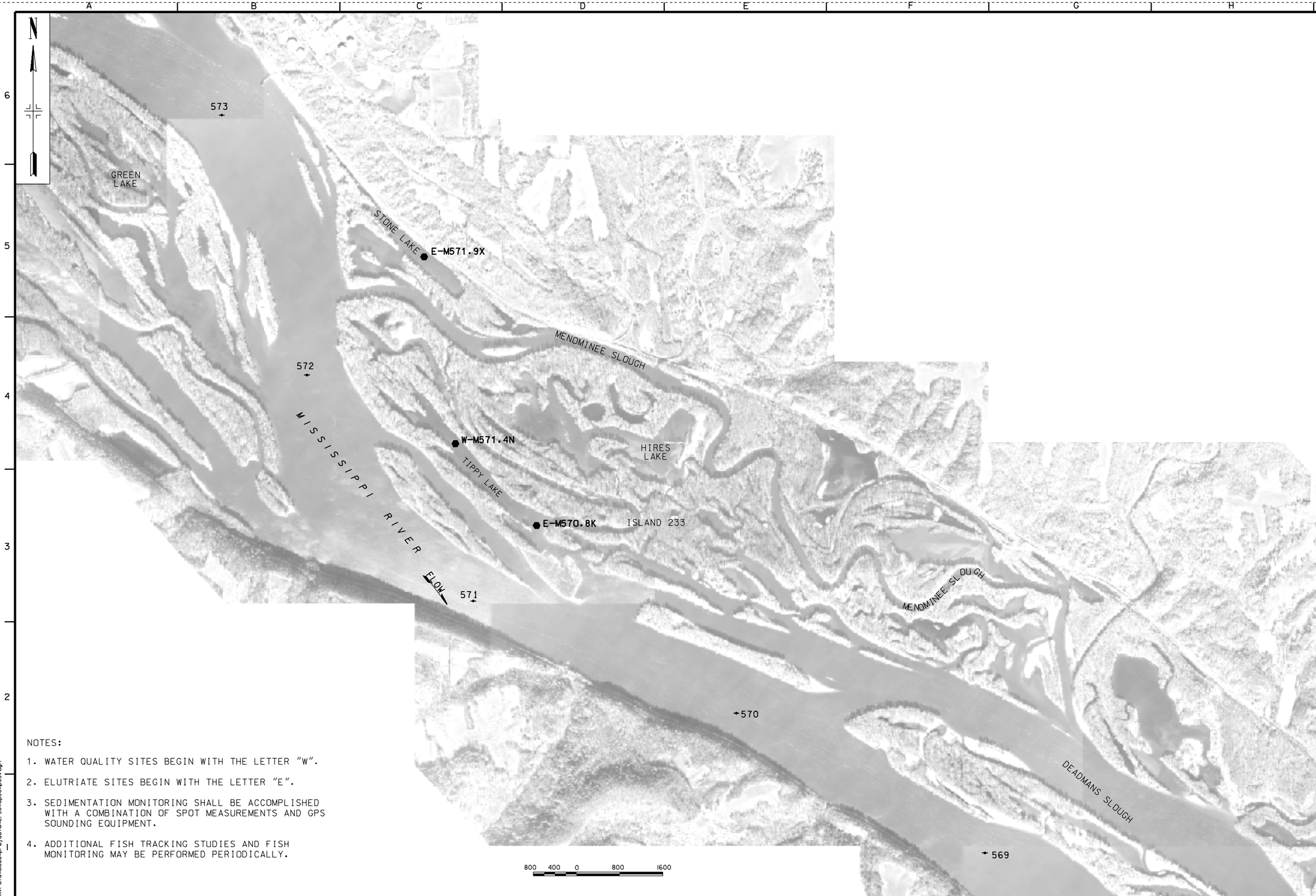

NOTES:

1. WATER QUALITY SITES BEGIN WITH THE LETTER "W".
2. ELUTRIATE SITES BEGIN WITH THE LETTER "E".
3. SEDIMENTATION MONITORING SHALL BE ACCOMPLISHED WITH A COMBINATION OF SPOT MEASUREMENTS AND GPS SOUNDING EQUIPMENT.
4. ADDITIONAL FISH TRACKING STUDIES AND FISH MONITORING MAY BE PERFORMED PERIODICALLY.

28-MAR-2005 08:40
**mvrdfs*cadd*projects*EP58*mp58mp03.dgn

US Army Corps of Engineers
Rock Island District

Symbol	Description	Date	Approved
	Revisions		

Designed By: DRC
Drawn By: MRC
Checked By: DRC
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Scale: AS SHOWN
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U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
ROCK ISLAND, ILLINOIS

MISSISSIPPI RIVER
EMP, POOL 12 OVERWINTERING
JO DAVIESS COUNTY, ILLINOIS

MONITORING PLAN III

Sheet Reference Number:
MP03
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PLATE 15