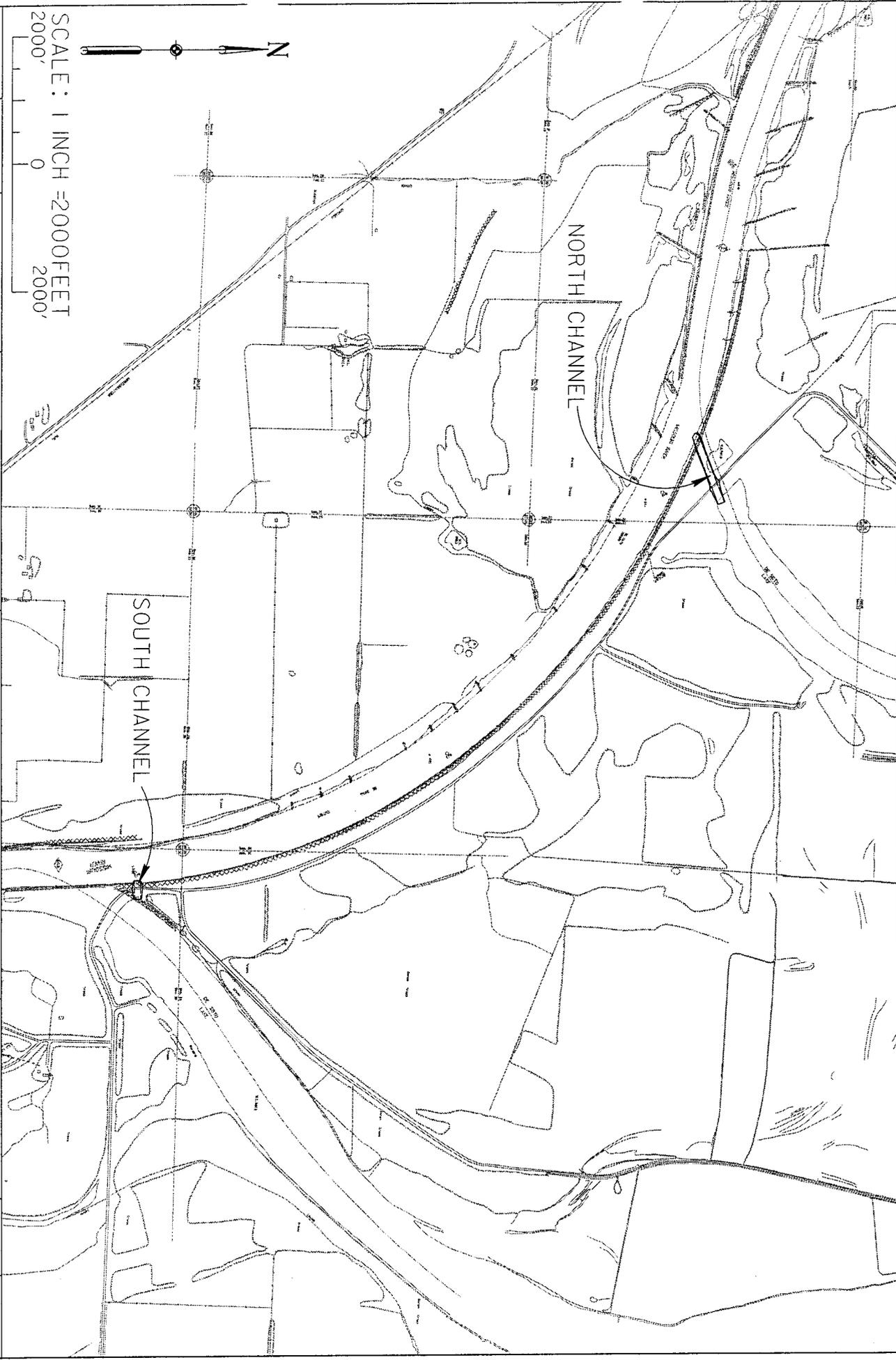




| REVISIONS |              | DATE | APPROVED |
|-----------|--------------|------|----------|
| SYMBOL    | DESCRIPTIONS |      |          |
|           |              |      |          |



SCALE: 1 INCH = 2000 FEET  
 2000' 0 2000'



Computer File: W9128F-04-R-000X  
 Date: MAR, 2004  
 Drawing Code: PUBDATA\RICKP\X

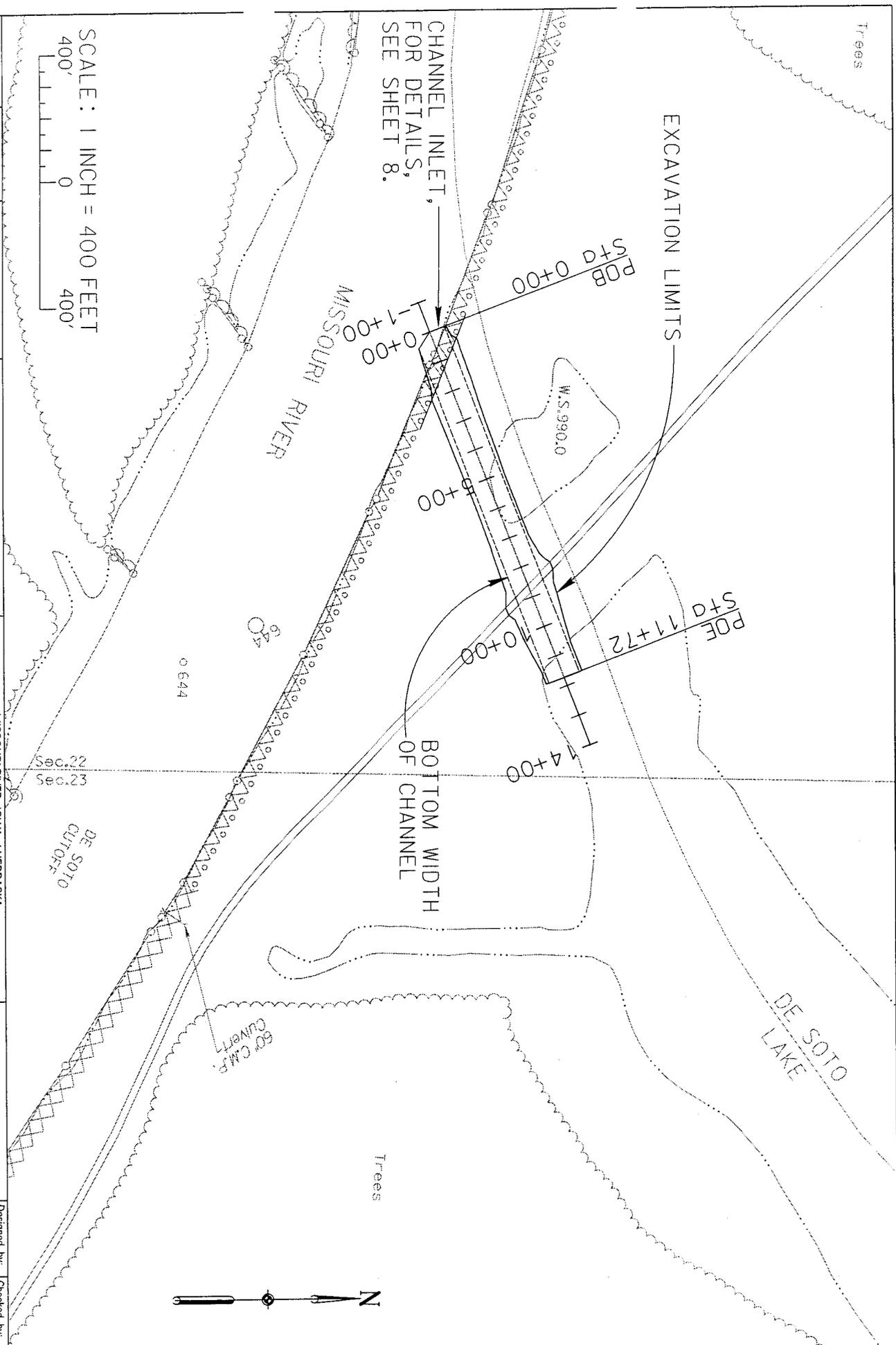
U S ARMY ENGINEER DISTRICT  
 CORPS OF ENGINEERS  
 OMAHA, NEBRASKA

MISSOURI RIVER, IOWA / NEBRASKA  
 DESOTO BEND WILDLIFE REFUSE LAKE RECONNECTION  
 RIVER MILE 642 TO 644  
 AREA SITE MAP

Submitted by:  
 Chief SFD & CHAN STAB Section

Designed by: R.G.P.  
 Reviewed by: J.I.R.  
 Checked by: J.I.R.  
 Drawn by: R.G.P.

| REVISIONS |              | DATE | APPROVED |
|-----------|--------------|------|----------|
| SYMBOL    | DESCRIPTIONS |      |          |



CHANNEL INLET,  
FOR DETAILS,  
SEE SHEET 8.

EXCAVATION LIMITS

P.O.B. 0+00

P.O.E. 11+72

BOTTOM WIDTH  
OF CHANNEL

MISSOURI RIVER

DE SOTO LAKE

BOY CAMP  
Culvert

SCALE: 1 INCH = 400 FEET  
400' 0 400'

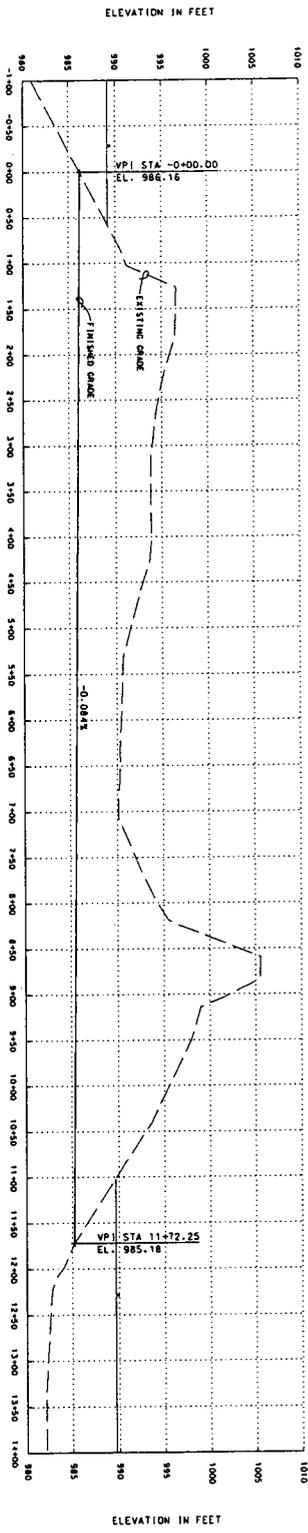


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| Computer File:<br>sheet2.dgn<br>Date:<br>MAR. 2004<br>Drawing Code: PUBDATA\RICKP\X | Spec. No.<br>W9128F-04-R-000X<br>Contract No.<br>W9128F-04-C-000X |  U S ARMY ENGINEER DISTRICT<br>CORPS OF ENGINEERS<br>OMAHA, NEBRASKA | DESOTO BEND<br>MISSOURI RIVER: IOWA / NEBRASKA<br>WILDIE REUSE LAKE RECONNECTION<br>RIVER MILE 642 TO 644<br>NORTH SITE MAP | Submitted by:<br>Chief SED & CHAN STAB. Section | Designed by:<br>R.G.P. | Checked by:<br>J.I.R. |
|   |   |  |   |   | Reviewed by:<br>J.I.R. | Drawn by:<br>R.G.P.   |

2

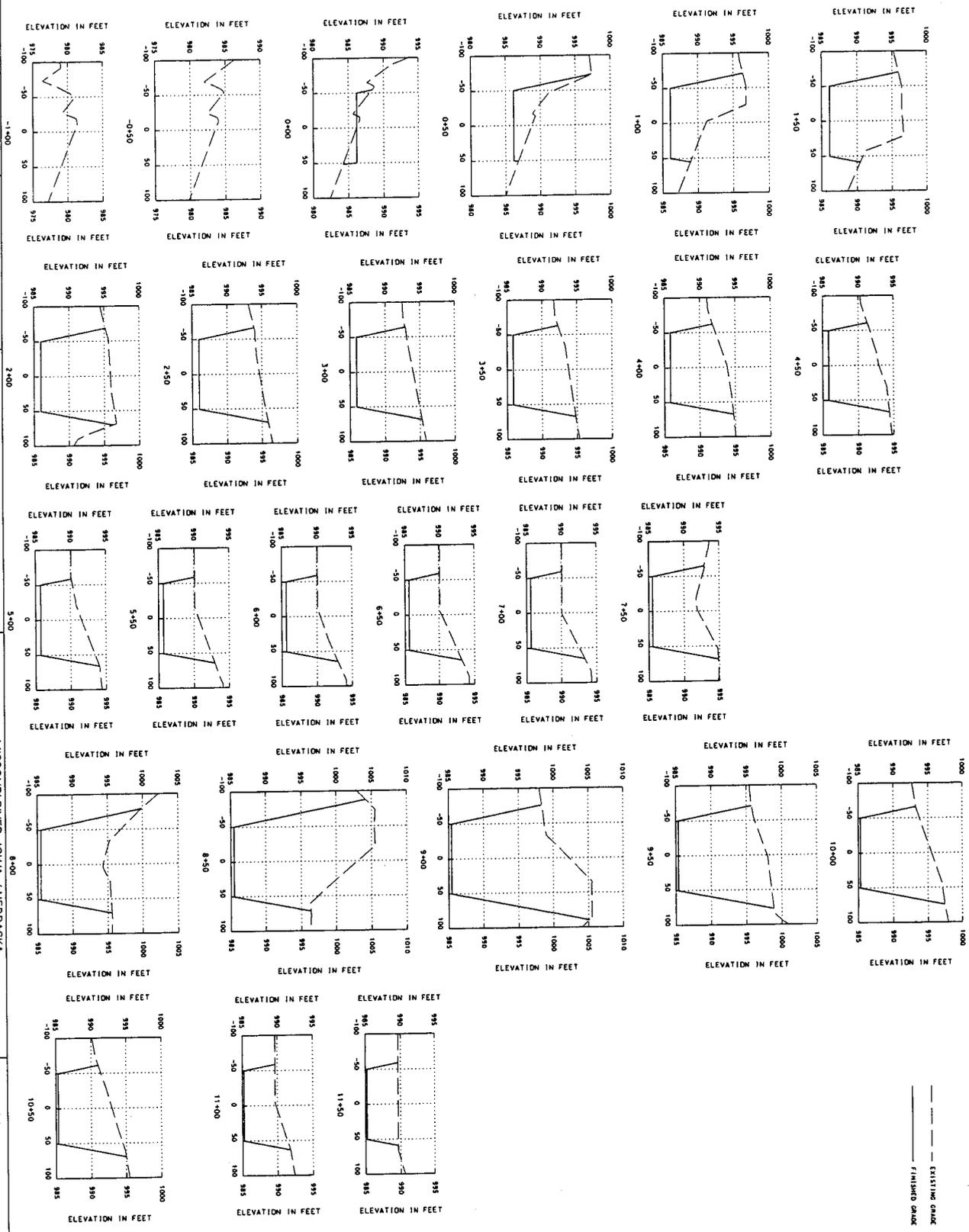


| REVISIONS |              | DATE | APPROVED |
|-----------|--------------|------|----------|
| SYMBOL    | DESCRIPTIONS |      |          |
|           |              |      |          |



|  |                               |   |   |                     |                    |
|--|-------------------------------|---|---|---------------------|--------------------|
| Sheet No. 4  | Computer File: sheet4.dgn     | Spec. No. W9128F-04-R-000X  | Submitted by: Chief SED. & CHAN STAB. Section | Designed by: R.G.P. | Checked by: J.I.R. |
| Date: MAR. 2004  | Contract No. W9128F-04-C-000X |   |   | Reviewed by: J.I.R. | Drawn by: R.G.P.   |
| Drawing Code: PUBDATA\TRICKP\X   |                               |   |   |                     |                    |
| <p>U S ARMY ENGINEER DISTRICT<br/>CORPS OF ENGINEERS<br/>OMAHA, NEBRASKA</p> |                               | <p>MISSOURI RIVER, IOWA / NEBRASKA<br/>DESOTO BEND WILDLIFE REFUGE LAKE RECONNECTION<br/>RIVER MILE 642 TO 644<br/>NORTH PROFILE LINE</p> |   |                     |                    |

| REVISIONS | SYMBOL | DESCRIPTIONS | DATE | APPROVED |
|-----------|--------|--------------|------|----------|
|           |        |              |      |          |



——— EXISTING GRADE  
 - - - FINISHED GRADE

Computer File: W9128F-04-R-000X  
 SHEET 5 OF 5  
 Date: MAR, 2004  
 Contract No: W9128F-04-C-000X  
 Drawing Code: PUBDATA\RICKP\X



U S ARMY ENGINEER DISTRICT  
 CORPS OF ENGINEERS  
 OMAHA, NEBRASKA

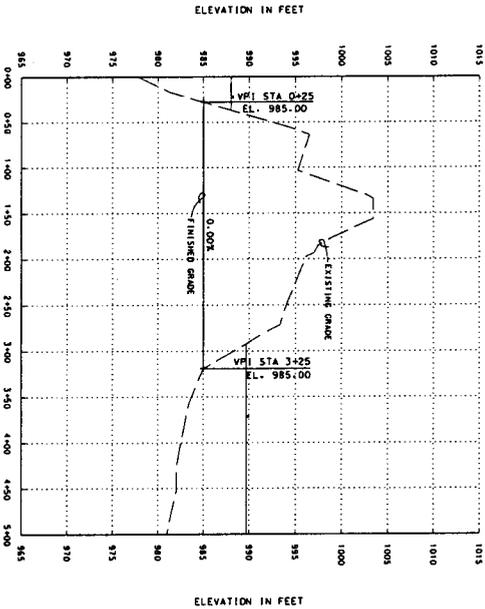
MISSOURI RIVER: IOWA / NEBRASKA  
 DESOTO BEND WILDLIFE REFUGE LAKE RECONNECTION  
 NORTH CROSS SECTIONS

Submitted by: Chief SED. & CHAN STAB. Section

Designed by: R.G.P.  
 Reviewed by: J.I.R.  
 Checked by: J.I.R.  
 Drawn by: R.G.P.

REVISIONS

| SYMBOL | DESCRIPTIONS | DATE | APPROVED |
|--------|--------------|------|----------|
|        |              |      |          |
|        |              |      |          |



Computer File: SHEET 6.DGN  
 Date: MAR. 2004  
 Drawing Code: PUBDATA\RICKP\X

Spec. No. W9128F-04-R-000X  
 Contract No. W9128F-04-C-000X



U S ARMY ENGINEER DISTRICT  
 CORPS OF ENGINEERS  
 OMAHA, NEBRASKA

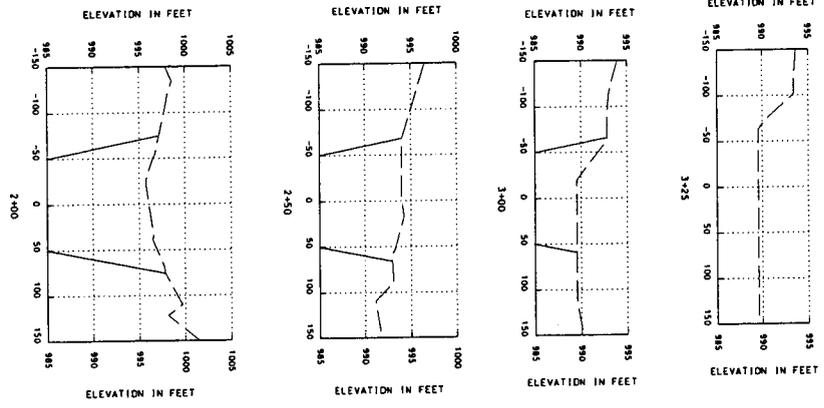
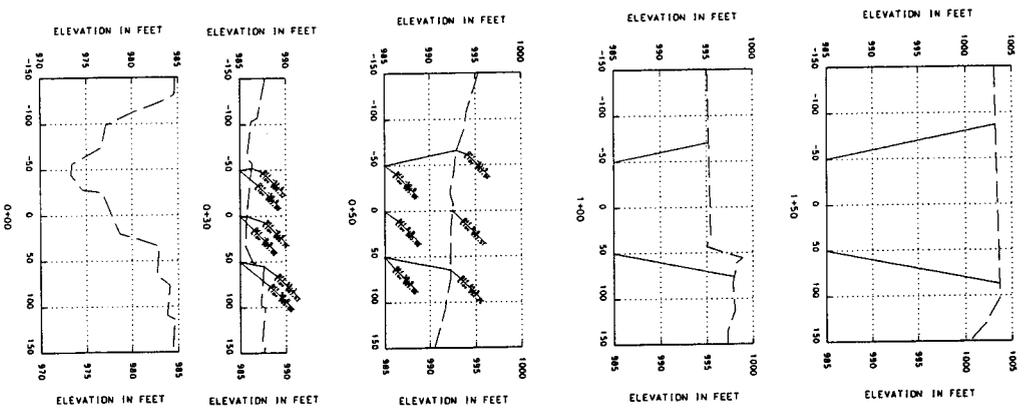
MISSOURI RIVER- IOWA / NEBRASKA  
 DESOTO BEND WILDIFE REFUSE LAKE RECONNECTION  
 RIVER MILE 642 TO 644  
 SOUTH PROFILE LINE

Submitted by: Chief SED. & CHAN STAB. Section

Designed by: R.G.P.  
 Reviewed by: J.I.R.  
 Checked by: J.I.R.  
 Drawn by: R.G.P.

| REVISIONS |  | SYMBOL | DESCRIPTIONS | DATE | APPROVED |
|-----------|--|--------|--------------|------|----------|
|           |  |        |              |      |          |

----- EXISTING GRADE  
 \_\_\_\_\_ FINISHED GRADE



Computer File: SHEET1.DGN  
 Date: MAR, 2004  
 Drawing Code: PUBDATA\RICKP\X

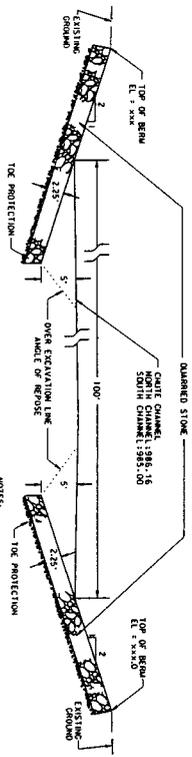
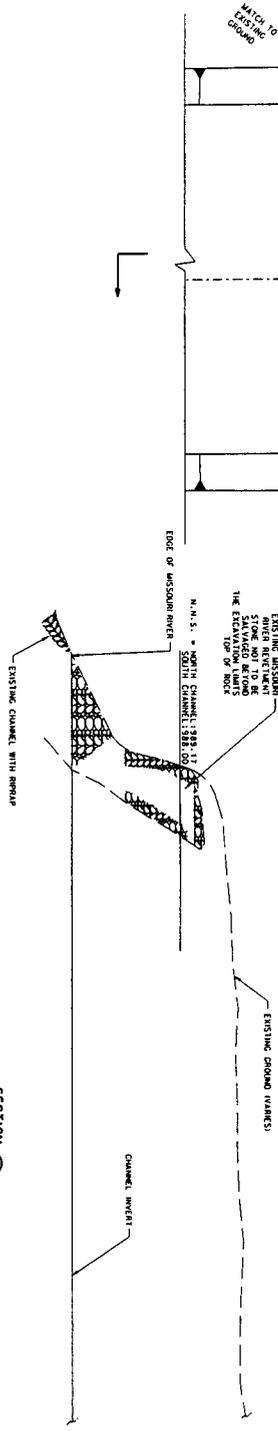
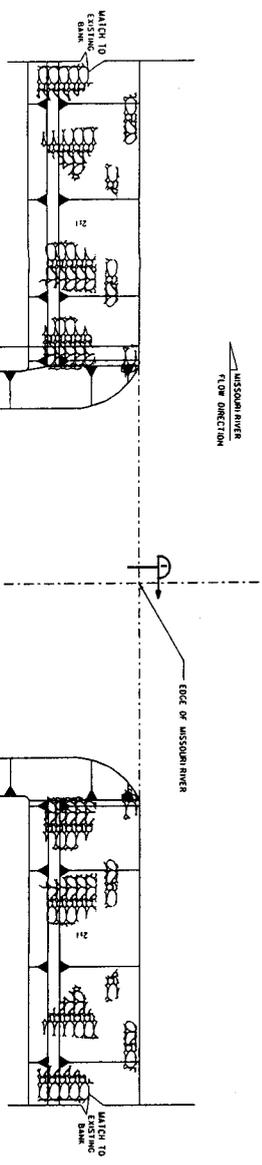
Spec. No. W9128F-04-R-000X  
 Contract No. W9128F-04-C-000X

U S ARMY ENGINEER DISTRICT  
 CORPS OF ENGINEERS  
 OMAHA, NEBRASKA

MISSOURI RIVER, IOWA / NEBRASKA  
 DESOTO BEND WILDIFE REFUSE LAKE RECONNECTION  
 SOUTH CROSS SECTIONS

Submitted by: Chief SED. & CHAN STAB. Section  
 Designed by: R.G.P.  
 Reviewed by: J.I.R.  
 Checked by: J.I.R.  
 Drawn by: R.G.P.

| REVISIONS | SYMBOL | DESCRIPTIONS | DATE | APPROVED |
|-----------|--------|--------------|------|----------|
|           |        |              |      |          |



NOTES:

1. MATERIAL PLACED BEHIND THE CHANNEL INVERT ELEVATION DOES NOT REQUIRE BENT ELEVATION. - NOVEMBER.
2. THE WATER SURFACE ELEVATIONS SHOWN IN THE DRAWINGS INDICATED AS NOTED ARE THE CORRECTED RIVER STAGE ELEVATIONS OF APRIL, THROUGH NOVEMBER. THE EXISTING WATER TABLE ELEVATIONS THROUGHOUT THE YEAR ARE INDICATED BY THE VERTICAL LINE IN THE CHANNEL. THE CHANNEL ELEVATIONS ARE THE VERTICAL ELEVATION OF THE CHANNEL TOP OF RIPRAP FROM THE MISSOURI RIVER CENTER LINE. THE MISSOURI RIVER CENTER LINE IS RELIABLE FROM THE SURVEY DATA FOR THE PROJECT. THESE CONDITIONS, THE ACTUAL AND FORECASTED RIVER STAGE ELEVATIONS AT CHINA PROJECT ARE OBTAINED FROM THE MISSOURI RIVER CENTER LINE ELEVATION DATA CENTER AT CHINA (NOVEMBER 2015 ON THE WEB SITE: <http://www.mwr.govt.gov/riverstage/>).

NOTES:

1. CHANNEL INVERT ELEVATION DOES NOT REQUIRE BACKFILLING.
2. N.M.S. - NATIONAL NAVIGATION STATE CANAL - NOVEMBER.

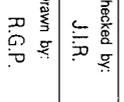
Computer File: W9128F-04-R-000X  
 SHEET 18.DWG  
 Date: MAR. 2004  
 Contract No: W9128F-04-C-000X  
 Drawing Code: PUBDAT\A\RICKP\X

Spec. No. W9128F-04-R-000X  
 Contract No. W9128F-04-C-000X

MISSOURI RIVER, IOWA / NEBRASKA  
 DESOTO BEND WILDLIFE REFUGE LAKE RECONNECTION  
 RIVER MILE 642 TO 644  
 INLET STRUCTURE

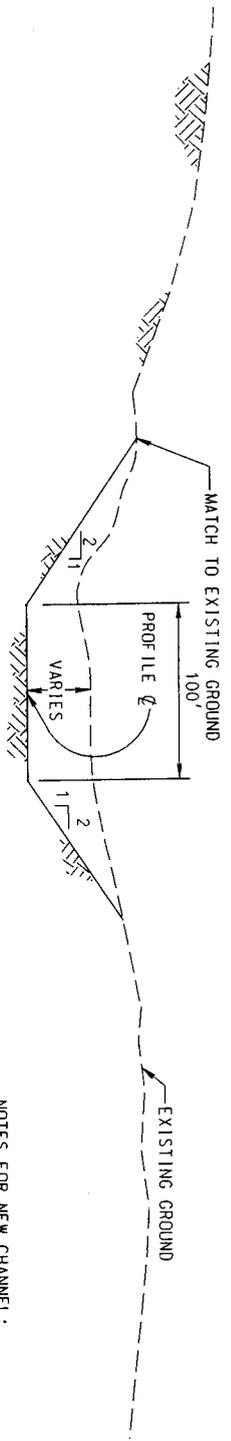
Submitted by: Chief SED & CHAN. STAB Section  
 Designed by: R.G.P.  
 Reviewed by: J.I.R.  
 Checked by: J.I.R.  
 Drawn by: R.G.P.

Sheet No. 8



U S ARMY ENGINEER DISTRICT  
 CORPS OF ENGINEERS  
 OMAHA, NEBRASKA

| REVISIONS |  | SYMBOL | DESCRIPTIONS | DATE | APPROVED |
|-----------|--|--------|--------------|------|----------|
|           |  |        |              |      |          |



**NEW CHANNEL**  
**TYPICAL CROSS-SECTION**  
 NOT TO SCALE

- NOTES FOR NEW CHANNEL:
1. THE SIDE SLOPES OF THE PILOT CHANNEL ARE 1V ON 2H ON BOTH SIDES. STOP EXCAVATION WHEN THE SIDE SLOPE INTERSECTS THE EXISTING GROUND LINE.
  2. THE PILOT CHANNEL SHALL FOLLOW THE ALIGNMENT SHOWN ON THE PLAN AND PROFILE SHEETS.

|                              |                                  |  |  |  |                        |                       |
|------------------------------|----------------------------------|--|--|--|------------------------|-----------------------|
| Computer File:<br>SHEET9.DGN | Spec. No.<br>W9128F-04-R-000X    | <p>U S ARMY ENGINEER DISTRICT<br/>CORPS OF ENGINEERS<br/>OMAHA, NEBRASKA</p> | <p>DESOTO BEND<br/>MISSOURI RIVER, IOWA / NEBRASKA<br/>WILDLIFE REFUSE LAKE RECONNECTION<br/>RIVER MILE 642 TO 644<br/>TYPICAL CROSS SECTION</p> | Submitted by:<br>Chief SED & CHAN STAB Section | Designed by:<br>R.G.P. | Checked by:<br>J.I.R. |
| Date:<br>MAR. 2004           | Contract No.<br>W9128F-04-C-000X |  |  | Sheet No.<br>6                                 | Reviewed by:<br>J.I.R. | Drawn by:<br>R.G.P.   |