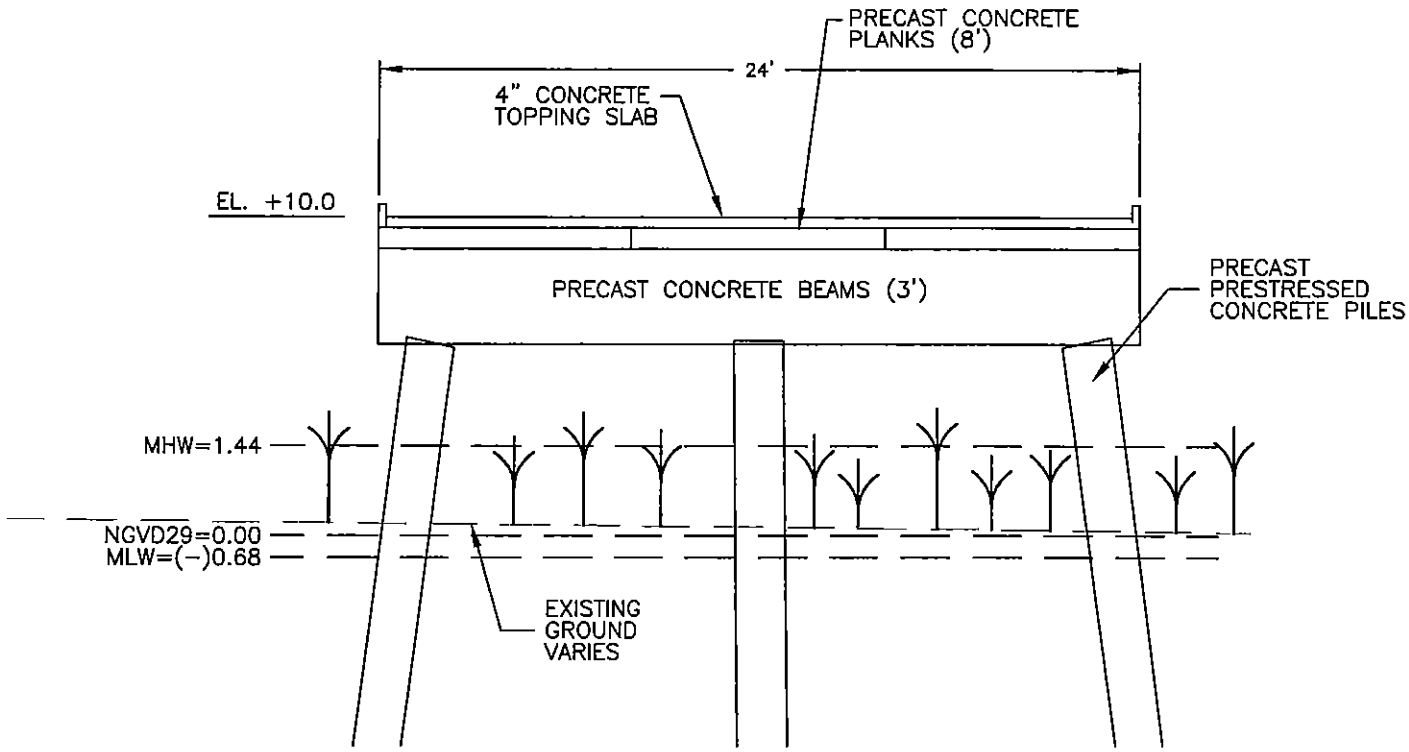
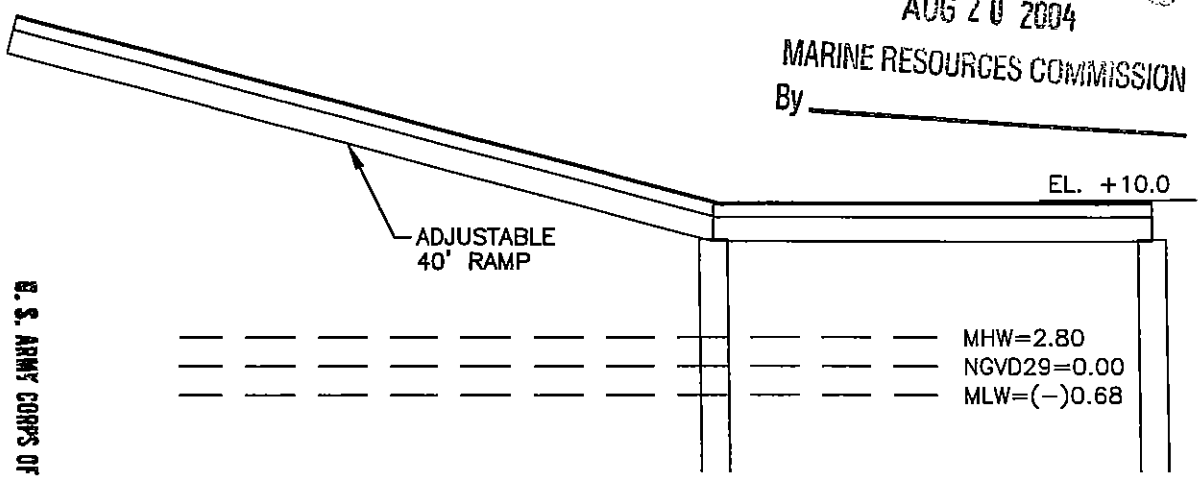


SECTION B
SCALE: 1" = 6'

RECEIVED
AUG 20 2004
MARINE RESOURCES COMMISSION
By



DRYDOCK
BY
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AUG 26 2004
U. S. ARMY CORPS OF ENGINEERS

BRIDGE ELEVATION
N.T.S.

PURPOSE : NEW DRYDOCK PIER & DREDGING
DATUM : NGVD29(59) = 0.00

ADJACENT PROPERTY OWNERS
① NORFOLK & WESTERN RAILWAY COMPANY
②
③
④

MODIFICATION TO PERMIT #02-V0877, ISSUED 2/7/03

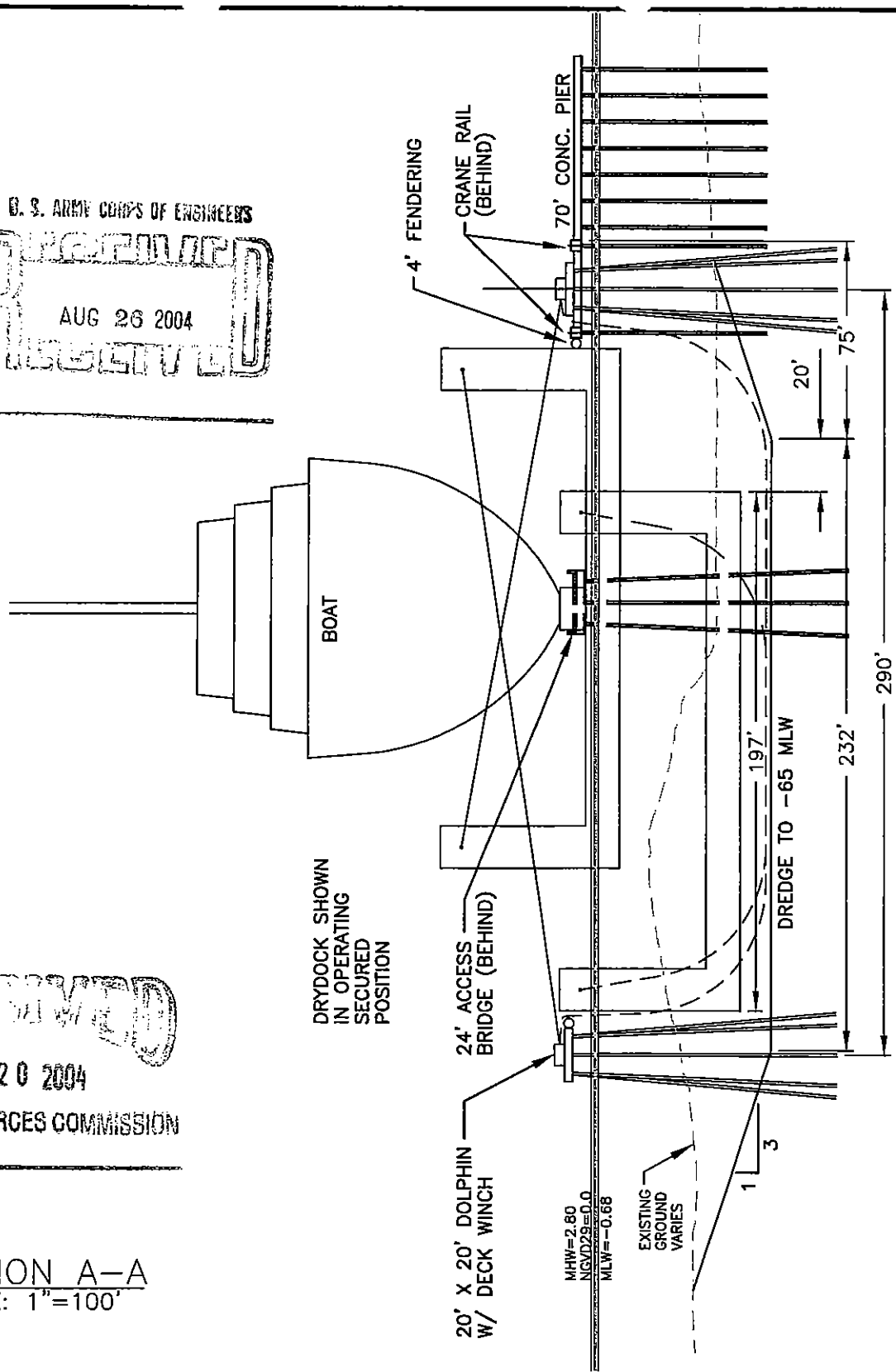
MODIFICATION OF J.P.A.

BRIDGE DETAILS

Langley and McDonald, Inc
Engineers Planners Surveyors
309 LYNNHAVEN PARKWAY
VIRGINIA BEACH, VIRGINIA 23452
757-463-4306 (FAX) 757-463-3563

IN : ELIZABETH RIVER
AT : LAMBERTS POINT TERMINALS
CITY/COUNTY : NORFOLK

APPLICATION BY :
MARINE HYDRAULICS INT'L INC.
DATE: AUGUST 13, 2004
SCALE : 1" = AS NOTED
SHT. 8 OF 8



U. S. ARMY CORPS OF ENGINEERS
RECEIVED
AUG 26 2004
BY _____

RECEIVED
AUG 20 2004
MARINE RESOURCES COMMISSION
By _____

SECTION A–A
SCALE: 1"=100'

PURPOSE : NEW DRYDOCK PIER & DREDGING
DATUM : NGVD29(59) = 0.00

ADJACENT PROPERTY OWNERS
① NORFOLK & WESTERN RAILWAY COMPANY
②
③
④

MODIFICATION TO PERMIT #02–V0877, ISSUED 2/7/03

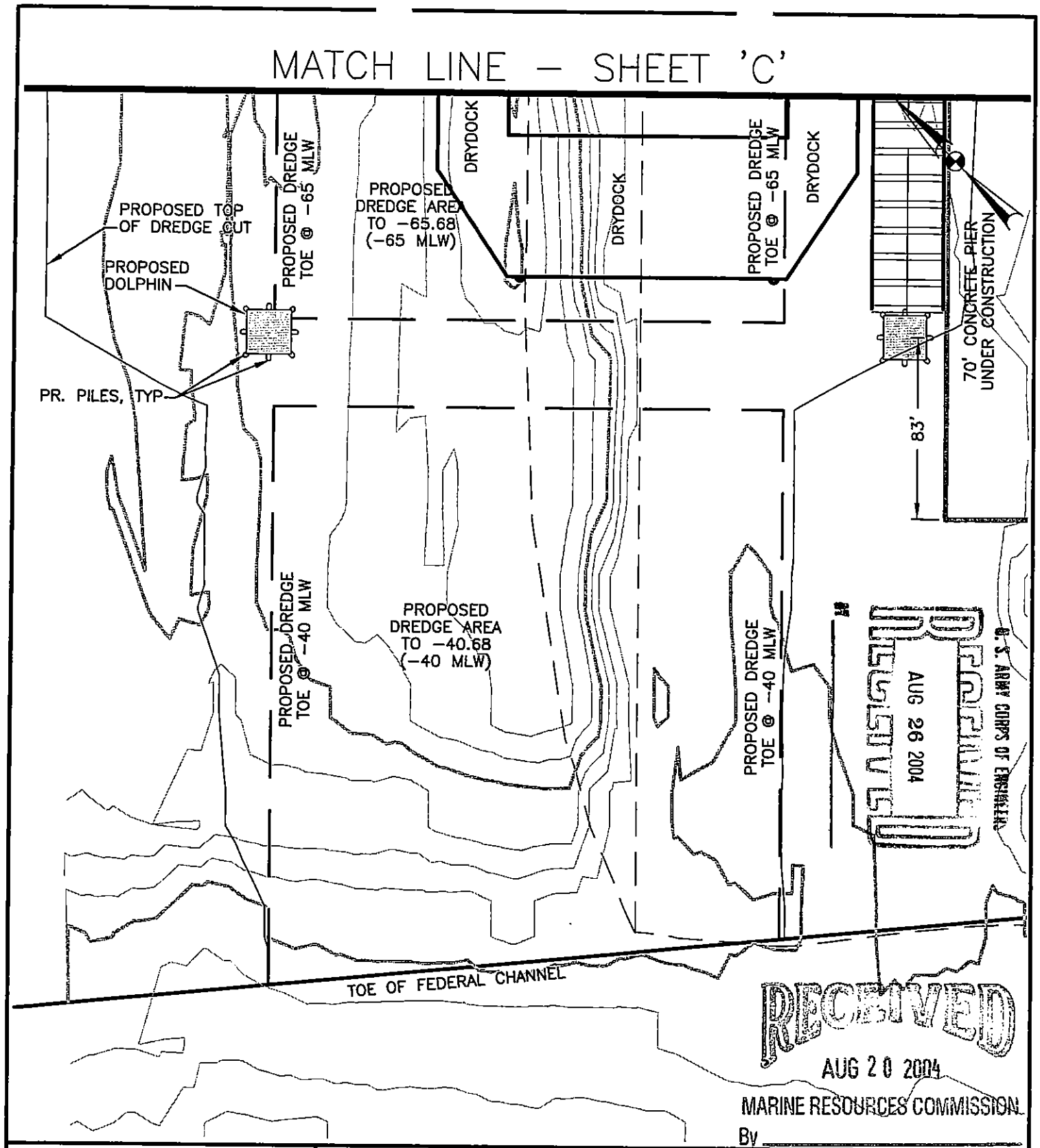
MODIFICATION OF J.P.A.

SECTION A–A

Langley and McDonald, Inc
Engineers Planners Surveyors
309 LYNNHAVEN PARKWAY
VIRGINIA BEACH, VIRGINIA 23452
757-463-4306 (FAX) 757-463-3563

IN : ELIZABETH RIVER
AT : LAMBERTS POINT TERMINALS
CITY/COUNTY : NORFOLK

APPLICATION BY :
MARINE HYDRAULICS INT'L INC.
DATE: AUGUST 13, 2004
SCALE : 1" = AS NOTED
SHT. 7 OF 8



PURPOSE : NEW DRYDOCK PIER & DREDGING
DATUM : NGVD29(59) = 0.00

ADJACENT PROPERTY OWNERS

① NORFOLK & WESTERN RAILWAY COMPANY
②
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MODIFICATION TO PERMIT #02-V0877, ISSUED 2/7/03

MODIFICATION OF J.P.A.

PLAN VIEW SHEET 'D'

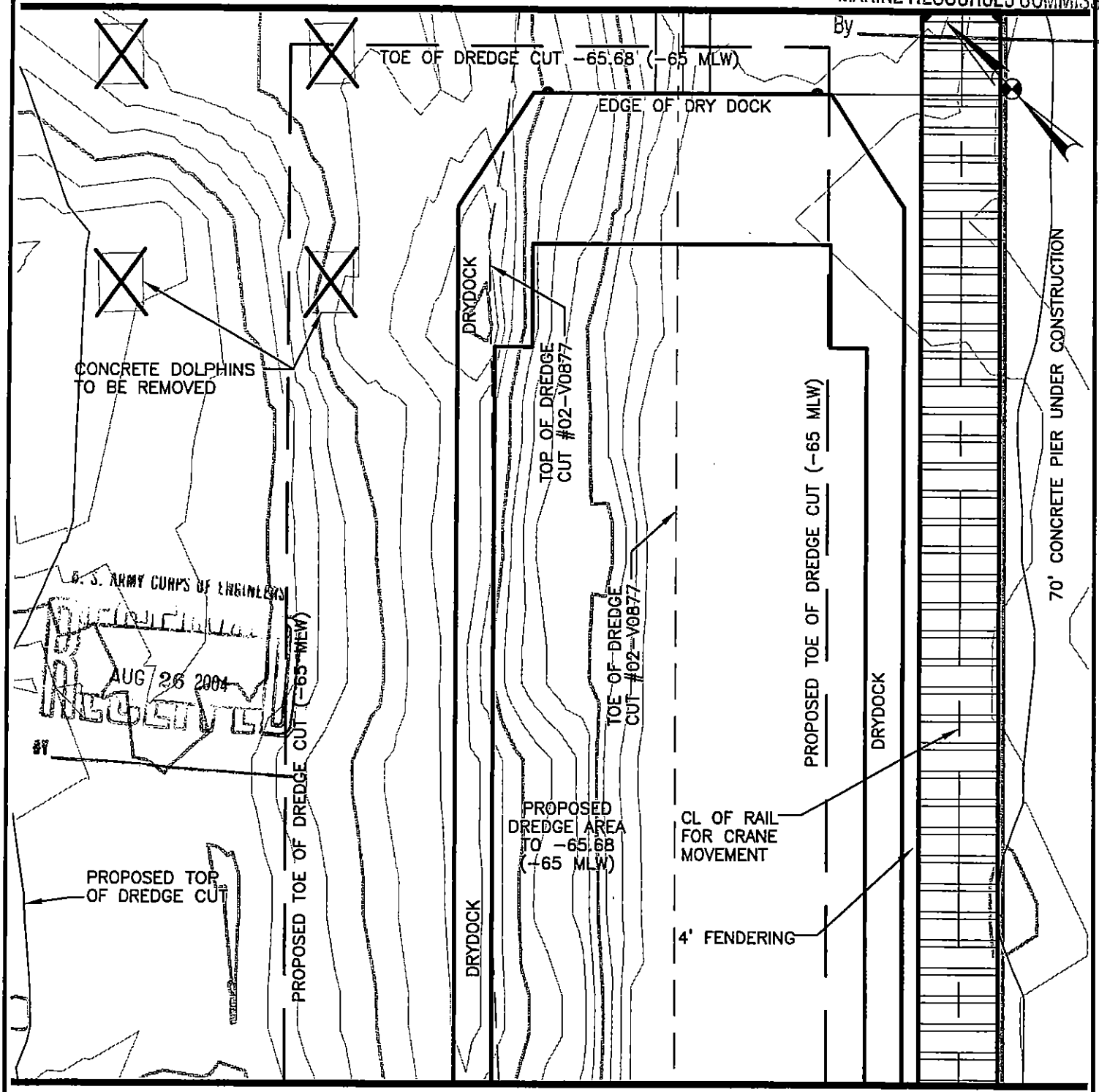
Langley and McDonald, Inc
Engineers Planners Surveyors
309 LYNNHAVEN PARKWAY
VIRGINIA BEACH, VIRGINIA 23452
757-463-4306 (FAX) 757-463-3563

IN : ELIZABETH RIVER
AT : LAMBERTS POINT TERMINALS
CITY/COUNTY : NORFOLK

APPLICATION BY :
MARINE HYDRAULICS INT'L INC.
DATE: AUGUST 13, 2004
SCALE : 1" = 60'
SHT. 6 OF 8

AUG 20 2004
MARINE RESOURCES COMMISSION
By

MATCH LINE – SHEET 'A'



MATCH LINE – SHEET 'C'

PURPOSE : NEW DRYDOCK PIER & DREDGING
DATUM : NGVD29(59) = 0.00

ADJACENT PROPERTY OWNERS

① NORFOLK & WESTERN RAILWAY COMPANY
②
③
④

MODIFICATION TO PERMIT #02-V0877, ISSUED 2/7/03

MODIFICATION OF J.P.A.

PLAN VIEW SHEET 'B'

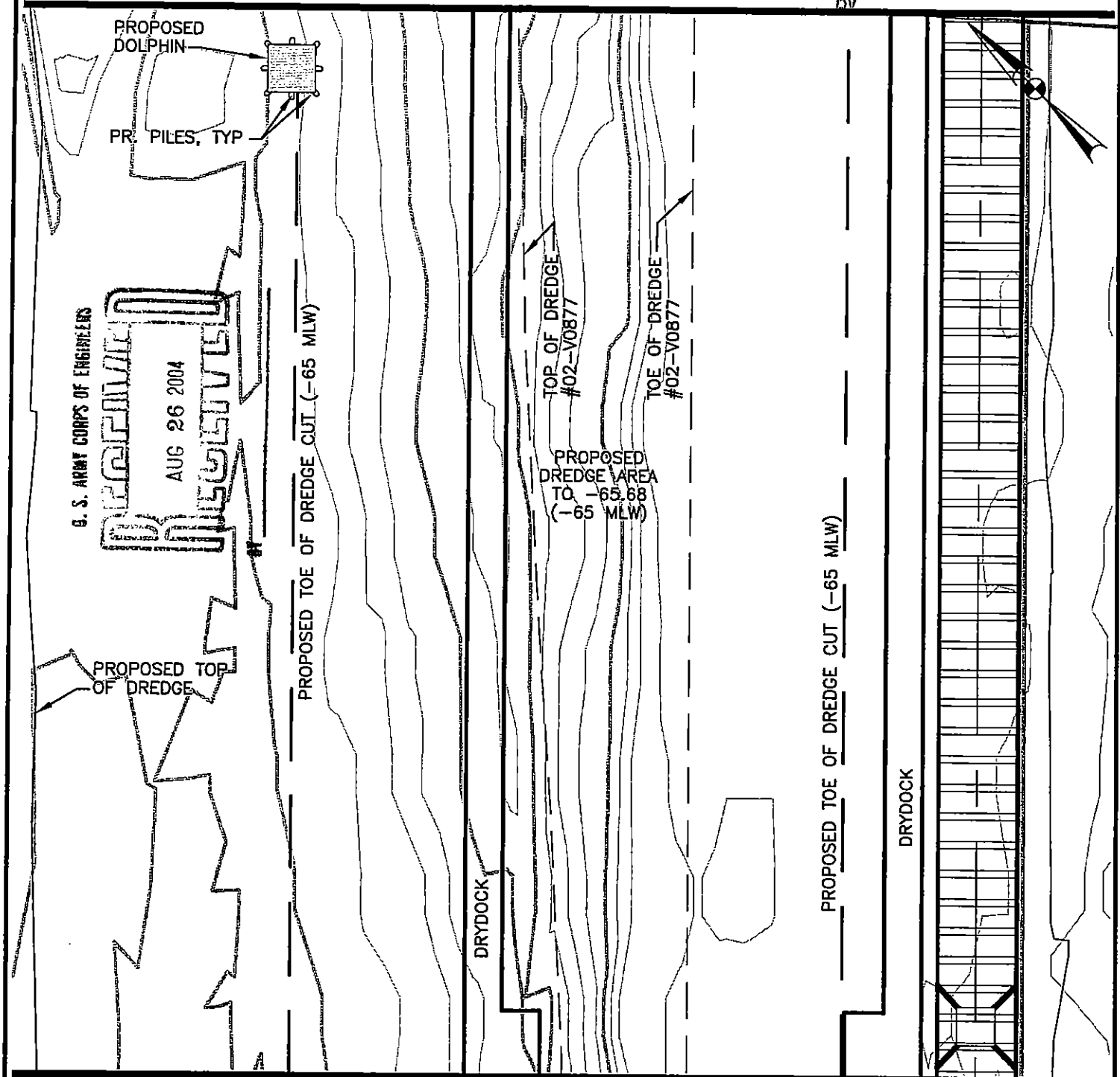
Langley and McDonald, Inc
Engineers Planners Surveyors
309 LYNNHAVEN PARKWAY
VIRGINIA BEACH, VIRGINIA 23452
757-463-4306 (FAX) 757-463-3563

IN : ELIZABETH RIVER
AT : LAMBERTS POINT TERMINALS
CITY/COUNTY : NORFOLK

APPLICATION BY :
MARINE HYDRAULICS INT'L INC.
DATE: AUGUST 13, 2004
SCALE : 1" = 60'
SHT. 4 OF 8

AUG 2 0 2004
MARINE RESOURCES COMMISSION
By

MATCH LINE – SHEET 'B'



MATCH LINE – SHEET 'D'

PURPOSE : NEW DRYDOCK PIER & DREDGING
DATUM : NGVD29(59) = 0.00

ADJACENT PROPERTY OWNERS

① NORFOLK & WESTERN RAILWAY COMPANY
②
③
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MODIFICATION OF J.P.A.

PLAN VIEW SHEET 'C'

Langley and McDonald, Inc
Engineers Planners Surveyors
309 LYNNHAVEN PARKWAY
VIRGINIA BEACH, VIRGINIA 23452
757-463-4306 (FAX) 757-463-3563

IN : ELIZABETH RIVER
AT : LAMBERTS POINT TERMINALS
CITY/COUNTY : NORFOLK

APPLICATION BY :
MARINE HYDRAULICS INT'L INC.
DATE: AUGUST 13, 2004
SCALE : 1" = 60'
SHT. 5 OF 8

NOTES:

1. VERTICAL DATUM IS NGVD29(59), NORFOLK AND WESTERN RAILWAY DATUM.
2. AFTER-DREDGE SURVEY AS SHOWN HEREON PROVIDED BY WATERWAY SURVEYS & ENGINEERING.
3. CONTOURS SHOWN HEREON ARE REFERENCED NGVD29.

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AUG 20 2004
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By _____

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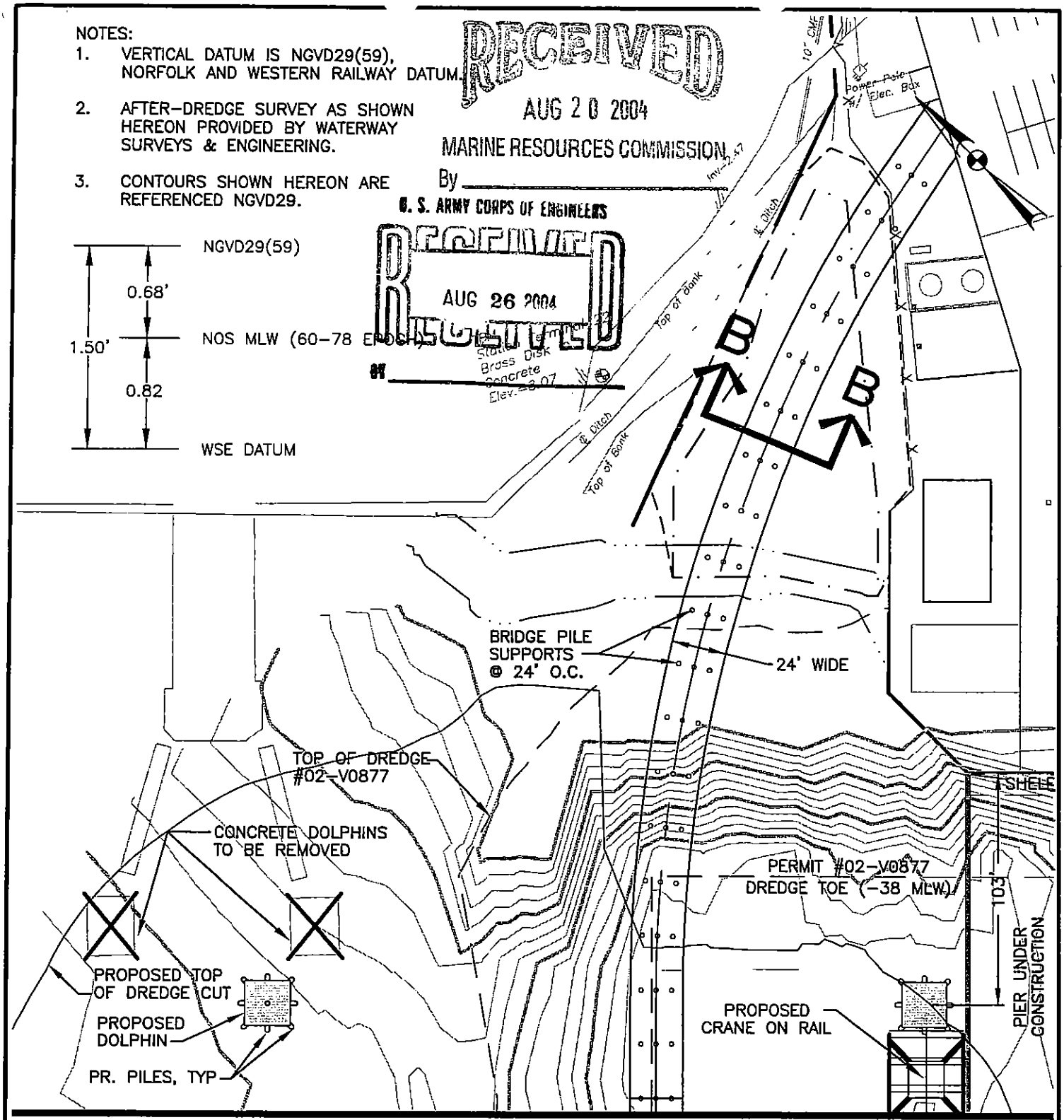
AUG 26 2004
By _____



MATCH LINE – SHEET 'B'

PURPOSE : NEW DRYDOCK PIER & DREDGING
DATUM : NGVD29(59) = 0.00

ADJACENT PROPERTY OWNERS

1. NORFOLK & WESTERN RAILWAY COMPANY
2.
3.
4.

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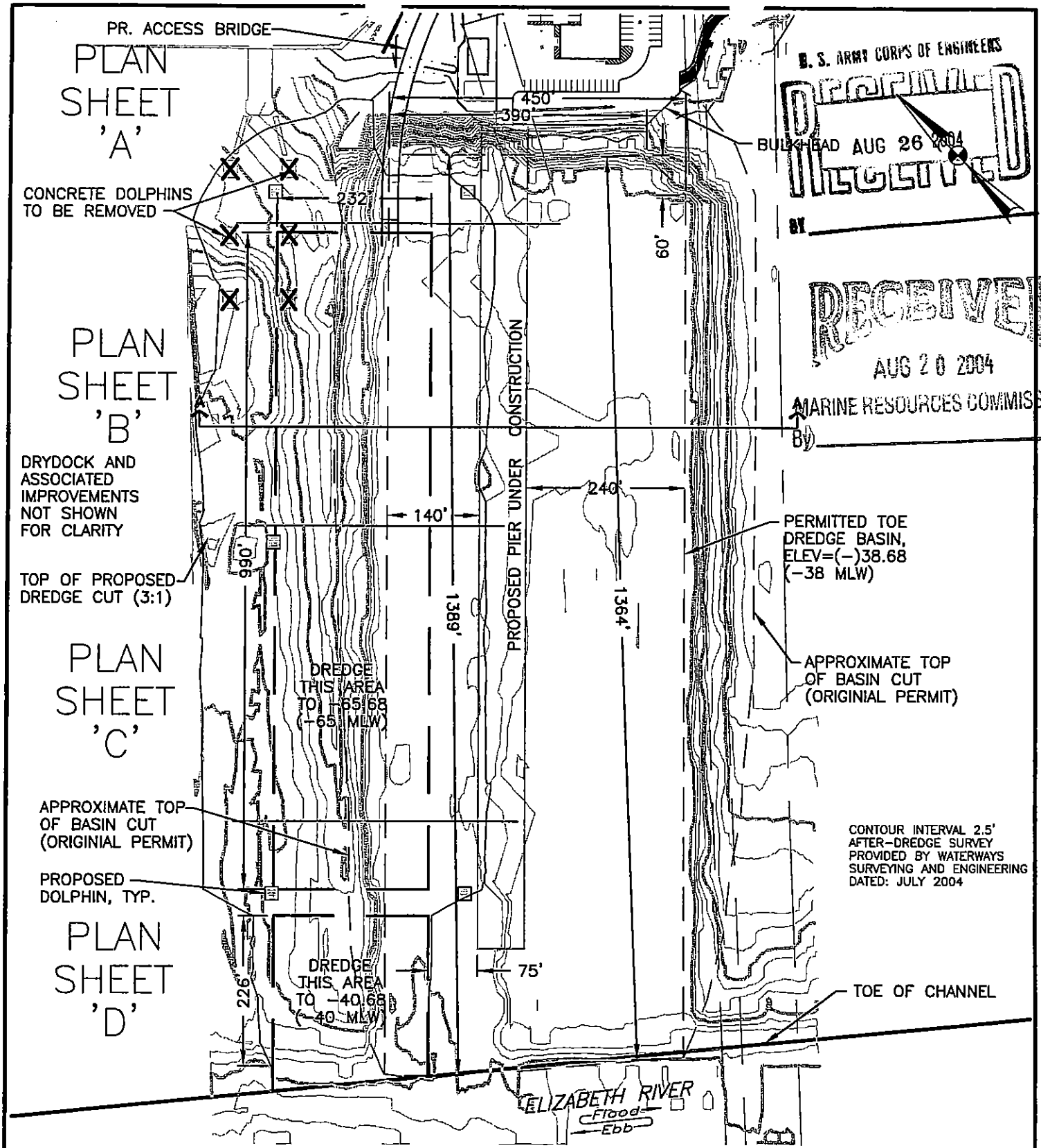
PLAN VIEW SHEET 'A'

Langley and McDonald, Inc
Engineers Planners Surveyors
309 LYNNHAVEN PARKWAY
VIRGINIA BEACH, VIRGINIA 23452
757-463-4306 (FAX) 757-463-3563

IN : ELIZABETH RIVER
AT : LAMBERTS POINT TERMINALS
CITY/COUNTY : NORFOLK

APPLICATION BY :
MARINE HYDRAULICS INT'L INC.
DATE: AUGUST 13, 2004
SCALE : 1" = 60'
SHT. 3 OF 8



CONTOUR INTERVAL 2.5' AFTER-DREDGE SURVEY PROVIDED BY WATERWAYS SURVEYING AND ENGINEERING DATED: JULY 2004

U. S. ARMY CORPS OF ENGINEERS
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MARINE RESOURCES COMMISSION
BY

PURPOSE : NEW DRYDOCK PIER & DREDGING
DATUM : NGVD29(59) = 0.00

ADJACENT PROPERTY OWNERS

① NORFOLK & WESTERN RAILWAY COMPANY
②
③
④

MODIFICATION TO PERMIT #02-V0877, ISSUED 2/7/03

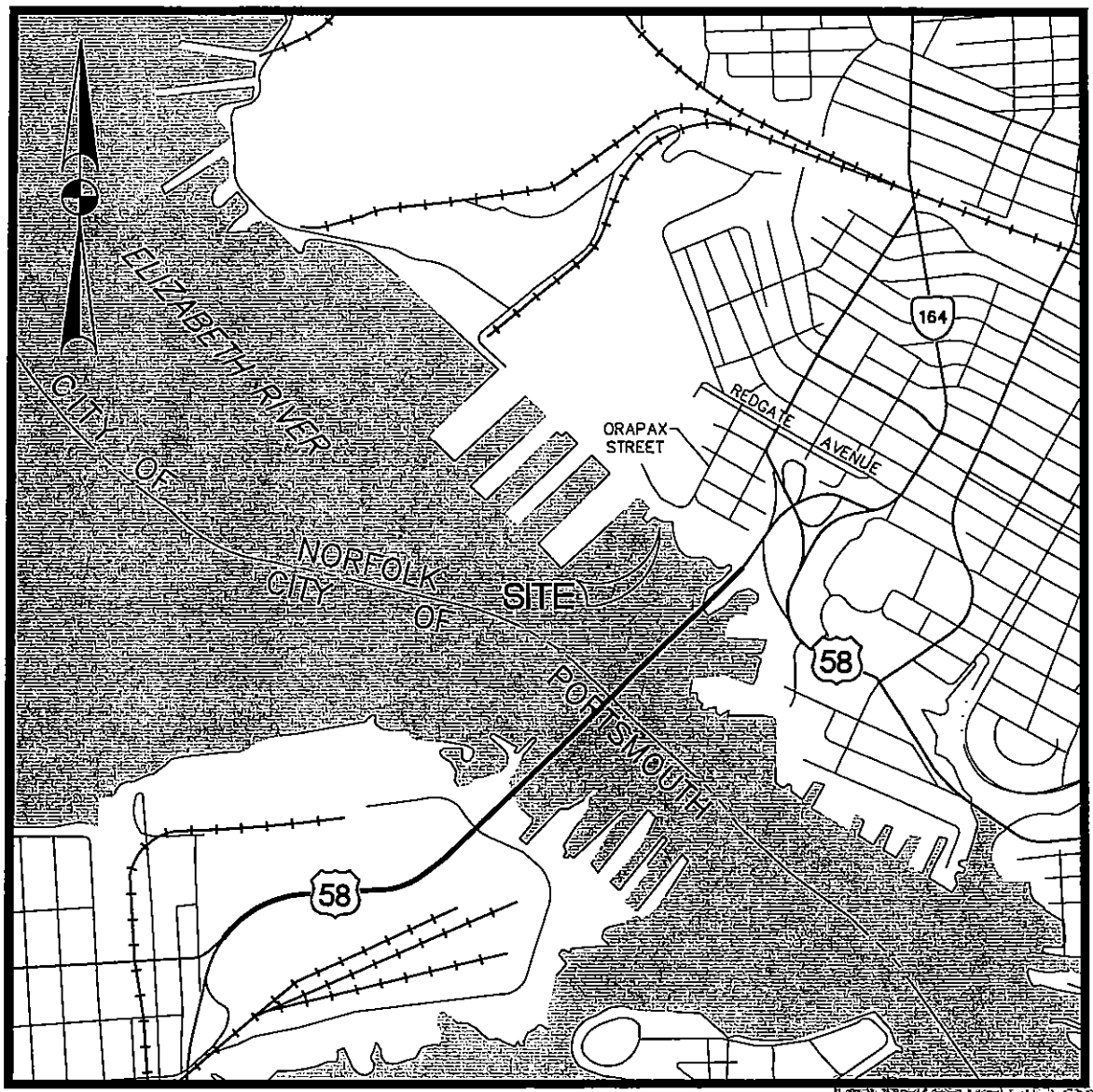
MODIFICATION OF J.P.A.

DREDGE AREA PLAN VIEW

Langley and McDonald, Inc
Engineers Planners Surveyors
309 LYNNHAVEN PARKWAY
VIRGINIA BEACH, VIRGINIA 23452
757-463-4306 (FAX) 757-463-3563

IN : ELIZABETH RIVER
AT : LAMBERTS POINT TERMINALS
CITY/COUNTY : NORFOLK

APPLICATION BY :
MARINE HYDRAULICS INT'L INC.
DATE: AUGUST 13, 2004
SCALE : 1" = 200'



SCALE: 1"= 2000'

U. S. ARMY CORPS OF ENGINEERS
RECEIVED
AUG 26 2004

RECEIVED
AUG 20 2004
MARINE RESOURCES COMMISSION
By _____

PURPOSE : NEW DRYDOCK PIER & DREDGING
DATUM : NGVD29(59) = 0.00

ADJACENT PROPERTY OWNERS

① NORFOLK & WESTERN RAILWAY COMPANY
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③
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VICINITY MAP

Langley and McDonald, Inc
Engineers Planners Surveyors
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757-463-4306 (FAX) 757-463-3563

IN : ELIZABETH RIVER
AT : LAMBERTS POINT TERMINALS
CITY/COUNTY : NORFOLK

APPLICATION BY :
MARINE HYDRAULICS INT'L INC.
DATE: AUGUST 13, 2004
SCALE : 1" = 2000'
SHT. 1OF 8