



DEPARTMENT OF THE ARMY
BUFFALO DISTRICT, CORPS OF ENGINEERS
1776 NIAGARA STREET
BUFFALO, NEW YORK 14207-3199

COPY

REPLY TO
ATTENTION OF:

December 14, 2005

Regulatory Branch

SUBJECT: Application No. 96-976-0141(3), New York State
Department of Environmental Conservation No. 9-1402-00076/00160,
Nationwide Permit No. (13) as Published in the Federal Register,
Volume 67, No. 10, on Tuesday January 15, 2002

Mr. Tim Metcalf
Honeywell International
101 Columbia Road
Morristown, New Jersey 07962

Dear Mr. Metcalf:

This pertains to your application for a Department of the Army permit to install 190 linear feet of marine mattress along the shoreline of the Buffalo River, located at 100 Lee Street, in the City of Buffalo, Erie County, New York.

I have evaluated the impacts associated with your proposal, and have concluded that they are authorized by the enclosed Nationwide Permit provided that the attached conditions are satisfied.

Verification of the applicability of this Nationwide Permit is valid until March 18, 2007 unless the Nationwide Permit is modified, suspended or revoked. This verification will remain valid for two years if during this two year period the Nationwide Permit is reissued without modification or your activity complies with any subsequent permit modification. Please note that if you commence or are under contract to commence this activity in reliance of your Permit prior to the date this Nationwide Permit is suspended or revoked, or is modified such that your activity no longer complies with the terms and conditions, you have twelve months from the date of permit modification, expiration, or revocation to complete the activity under the present terms and conditions of this Nationwide Permit, unless this Nationwide Permit has been subject to the provisions of discretionary authority.

It is your responsibility to remain informed of changes to the Nationwide Permit program. A public notice announcing any

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changes will be issued when they occur. Finally, note that if your activity is not undertaken within the defined period or the project specifications have changed, you must immediately notify this office to determine the need for further approval or reverification.

During our review we considered all applicable Federal requirements as well as state Water Quality Certification (WQC) conditions. We have made every effort to ensure that your project complies with these requirements. However, we have neither the resources nor the statutory authority to conclusively determine whether your project complies with ALL New York State Water Quality Certification conditions. In this regard, I strongly suggest that you closely review the WQC conditions attached at the end of this document. If you are certain that you will remain in compliance with ALL conditions attached to this Permit no further coordination is required. However, if you have any doubt about your ability to comply with the state WQC conditions you must resolve those issues with the appropriate DEC Regional office before you commence work. If the state determines that you need to obtain a project specific WQC you should forward to this office a copy of their final decision at the conclusion of the process. Your initiation of work as authorized by the enclosed Nationwide Permit acknowledges your acceptance of the general and special conditions contained therein. Direct your WQC inquiries to:

Mr. Steve Doleski
New York State Department of Environmental Conservation
Region 9 - DEP
270 Michigan Avenue
Buffalo, New York 14203-2999

Finally, this affirmation is limited to the attached Nationwide Permit and associated Water Quality Certification, and does not obviate the need to obtain any other project specific Federal, state, or local authorization. Specifically, you may need to obtain Article 15 (Protection of Water), Article 24 (Freshwater Wetland), and/or Article 34 (Coastal Erosion Management) authorization from the New York State Department of Environmental Conservation.

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A copy of this letter has been forwarded to: Mr. Jeff
McCrary, MACTEC Engineering and Consulting, the NYS Dept. Of
Environmental Conservation, and ~~the~~ NYS Department of State.

Questions pertaining to this matter should be directed to me
at (716) 879-4309, by writing to the following address: U.S. Army
Corps of Engineers, 1776 Niagara Street, Buffalo, New York
14207, or by e-mail at: michael.p.senus@usace.army.mil

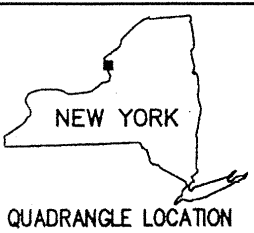
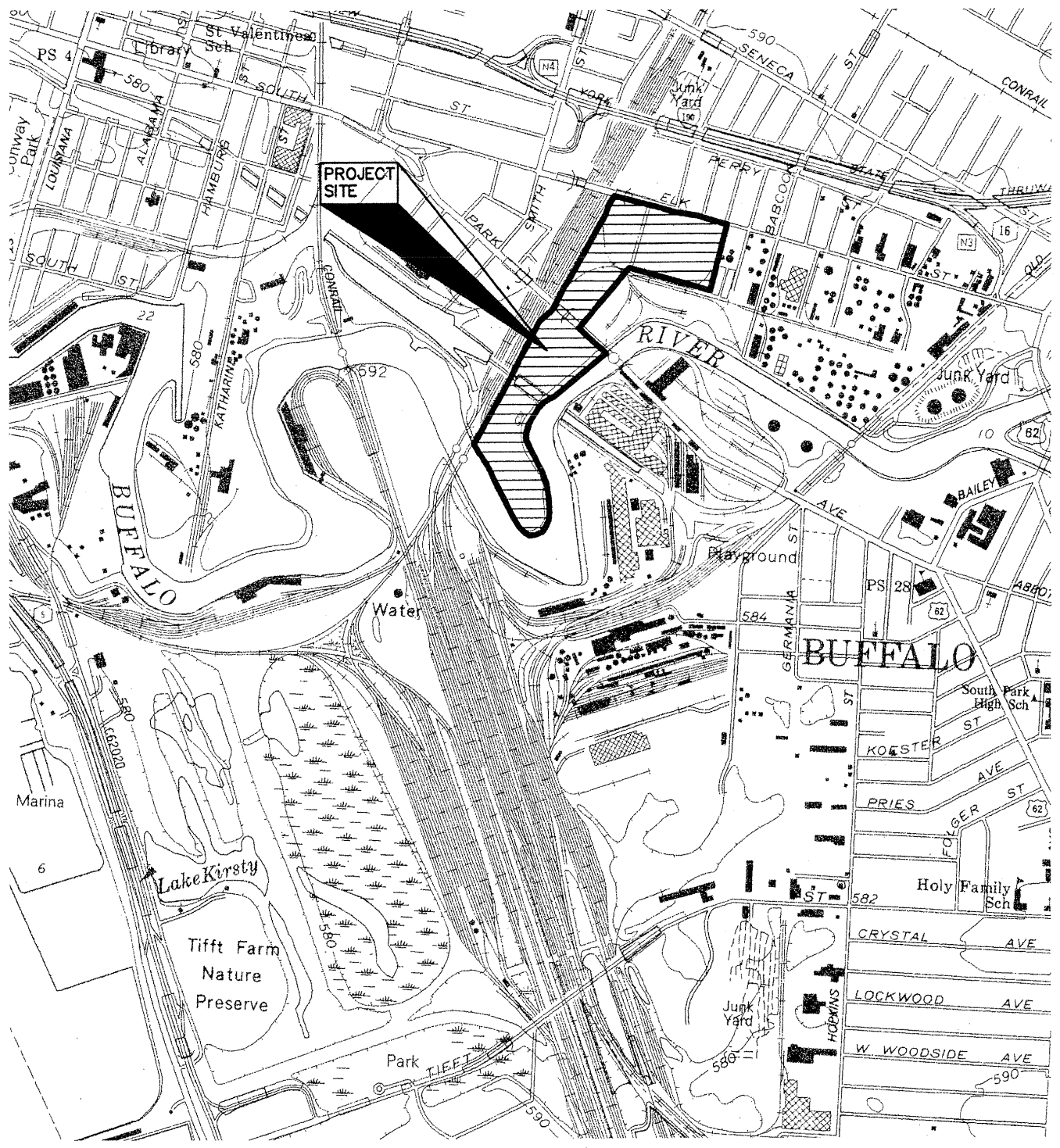
Sincerely,

A handwritten signature in black ink, appearing to read "Mick Senus", written in a cursive style.

Mick Senus
Hydrologist

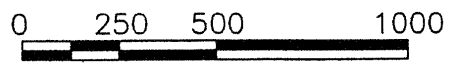
Enclosures

M:\Projects\HONEYWELL\BUFFALO COLOR\GRP-FIG-1.dwg Wed, 24 Aug 2005 - 8:24am jvmckenzie



QUADRANGLE LOCATION

MAP SOURCE: USGS QUADRANGLE/NYS DOT - BUFFALO SE SCANNED 1990



SCALE IN FEET

PROJECT SITE:
BUFFALO COLOR CORPORATION
100 LEE STREET, BUFFALO, NY

Prepared/Date: JVM 08/23/05
Checked/Date: MAP 08/23/05



101 COLUMBIA RD. 80
MORRISTOWN, NJ 079

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D/A Processing No. 96-976-0141(3)
Erie County, New York Quad: BUFFALO SE
Sheet 1 of 8

BUFFALO COLOR CORP. SITE
SITE LOCATION MAP
Project 3613-04-3018
Figure 1.1



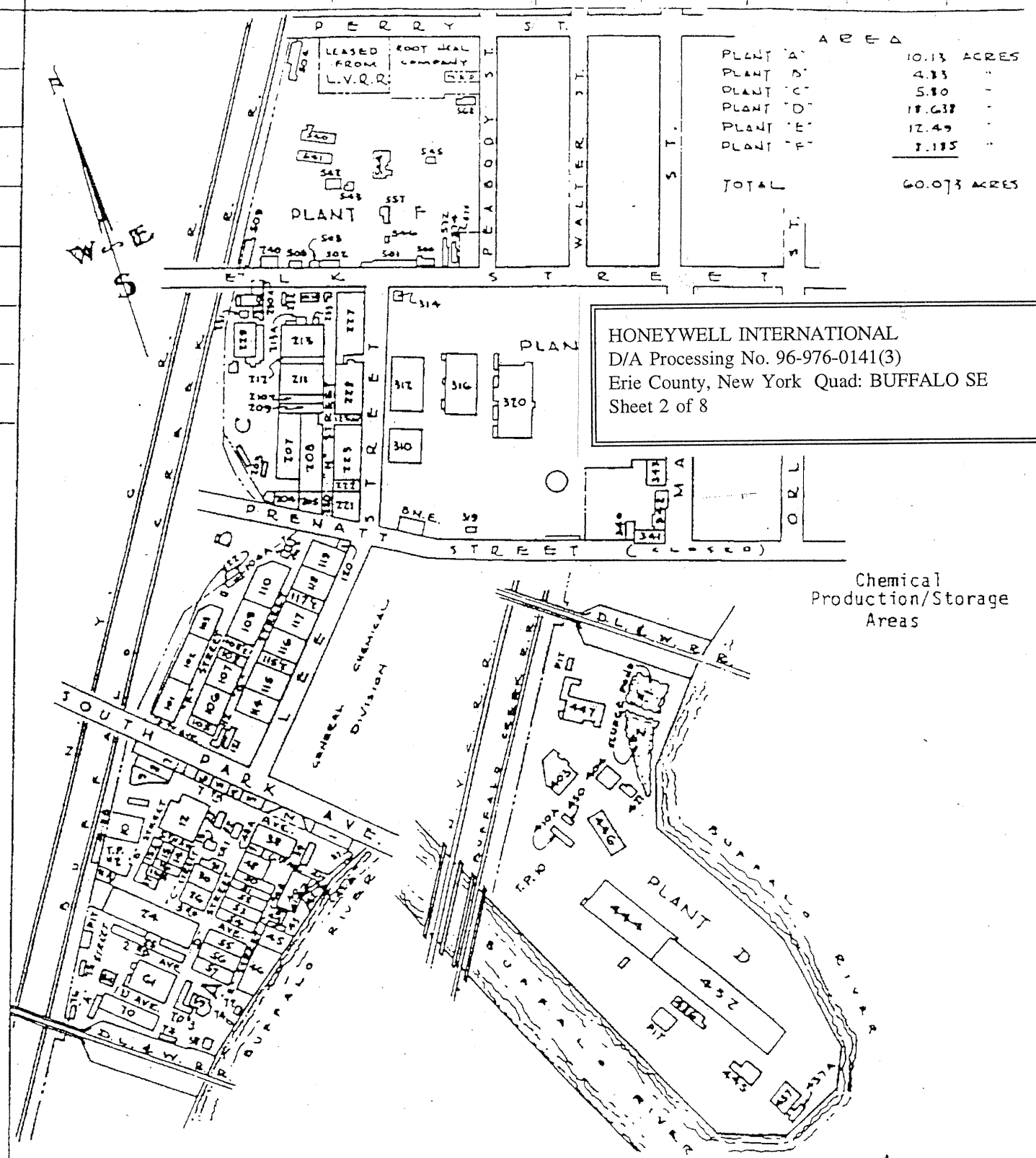
ALLIED CHEMICAL & DYE CORPORATION
ENGINEERING DIVISION, BUFFALO, N. Y.

3A-50150

D.1
GENERAL PLAN

DRAWN BY DORSEMEIER
CHECKED BY J.L.B.
APPROVED BY *[Signature]*

SCALE 1" = 400 FT.
DATE 12/12/49



ANY REPRODUCTION OF THIS DESIGN, AND ALL NOVEL AND PATENTABLE FEATURES, SET
 FORTH HEREIN, IS COLLECTIVELY DISCLOSED AND INCLUDED THEREIN, ARE THE PROPERTY OF
 THE COMPANY, AND ARE NOT TO BE COPIED OR TO BE USED, DIRECTLY OR INDIRECTLY,
 BY ANY PERSON OR COMPANY, WITHOUT THE WRITTEN CONSENT OF SAID COMPANY. THIS
 DRAWING IS LOANED SUBJECT TO RETURN TO SAID COMPANY UPON DEMAND.

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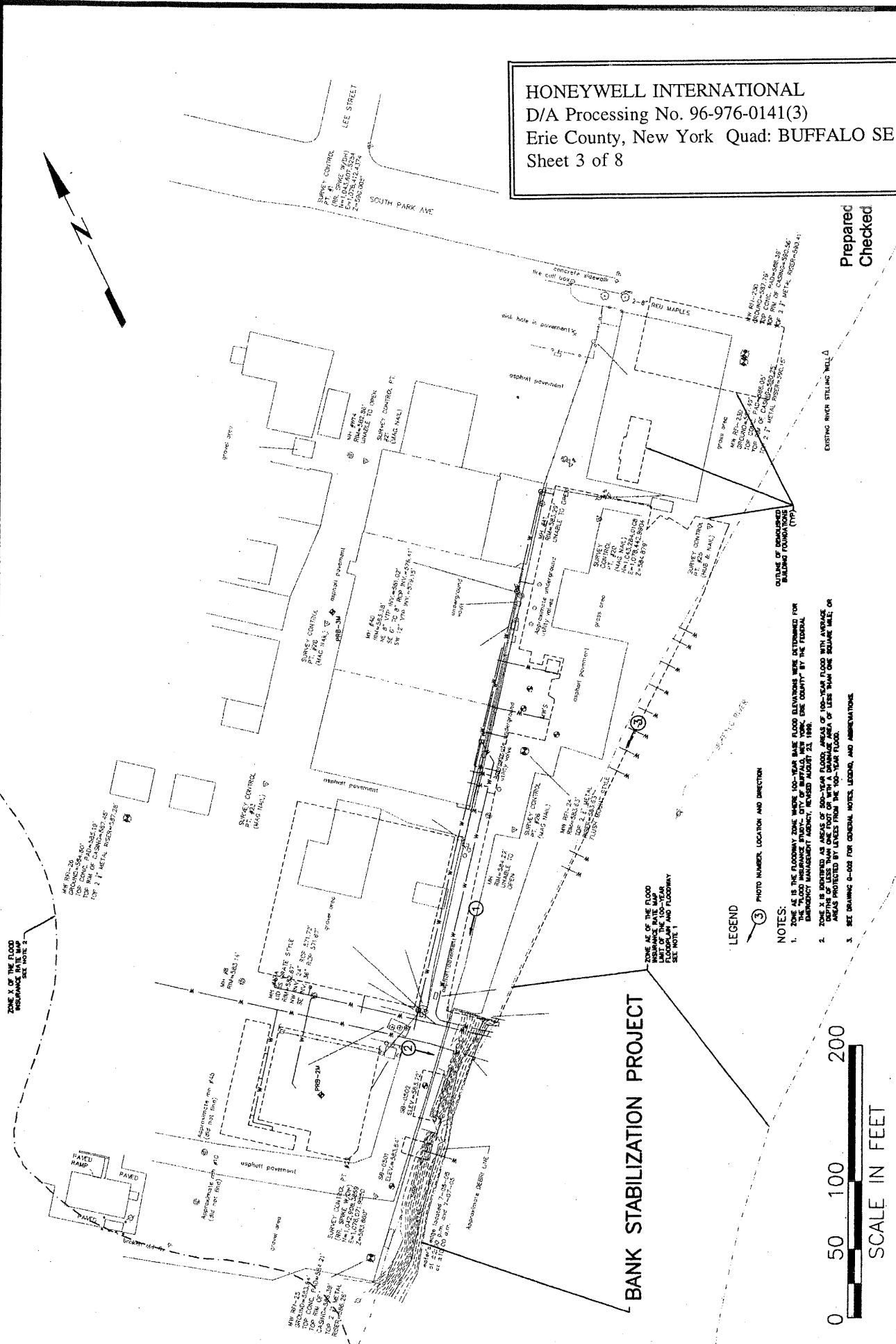
Project 3613-04-0010
 Figure 1.2

BUFFALO COLOR CORP
 PROJECTSITE



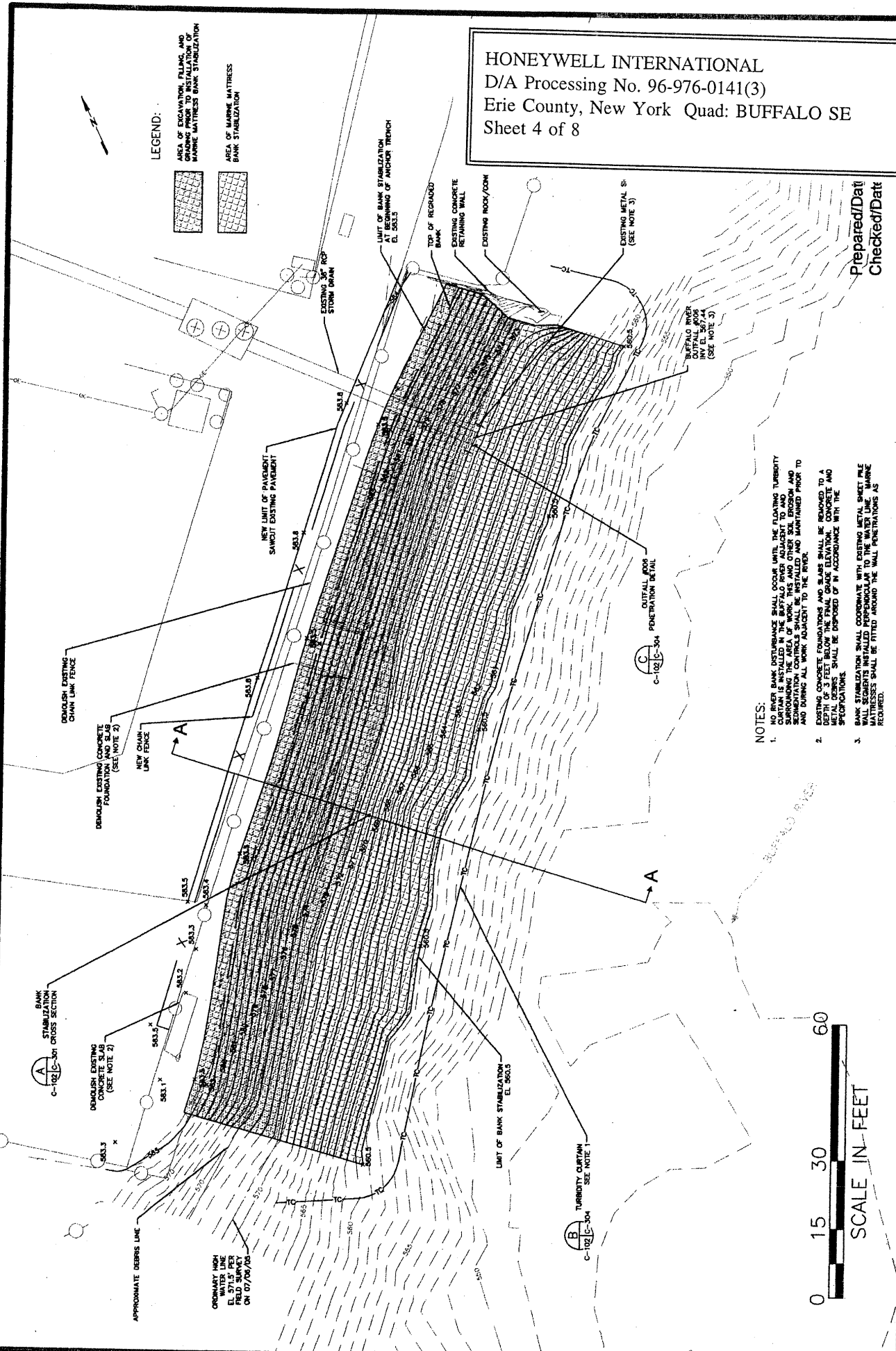
Honeywell

101 COLUMBIA RD., BOX 2105
 MORRISTOWN, NJ 07962



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 Erie County, New York Quad: BUFFALO SE
 Sheet 4 of 8



LEGEND:

- AREA OF EXCAVATION, FILLING, AND MATTING
- MARINE MATRESS BANK STABILIZATION
- AREA OF MARINE MATRESS BANK STABILIZATION

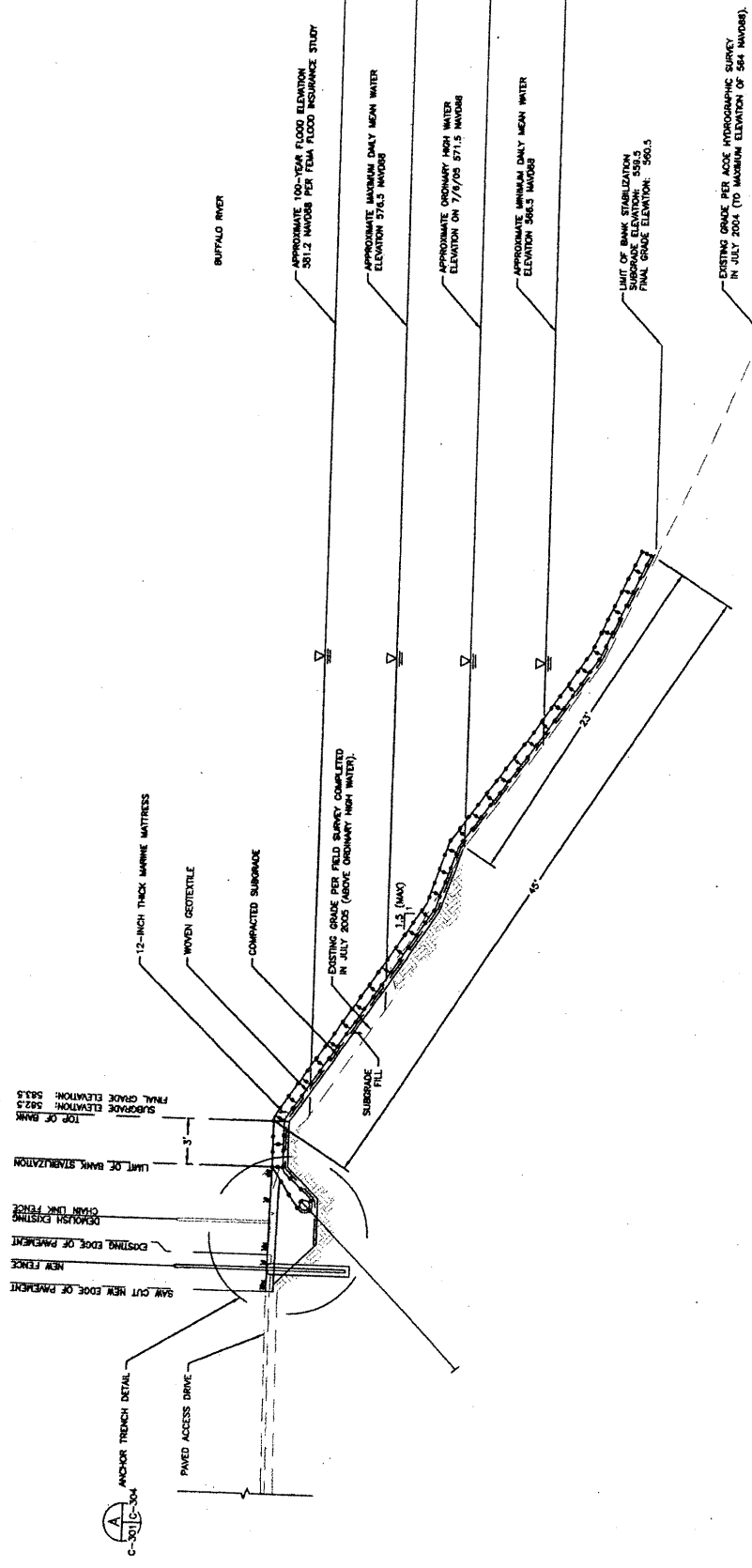
- NOTES:
- NO RIVER BANK DISTURBANCE SHALL OCCUR UNTIL THE FLOATING TURBIDITY CURTAIN IS INSTALLED IN THE BUFFALO RIVER ADJACENT TO AND DOWNSTREAM OF THE PROPOSED WALL. DREDGING AND SEDIMENTATION CONTROLS SHALL BE INSTALLED AND MAINTAINED PRIOR TO AND DURING ALL WORK ADJACENT TO THE RIVER.
 - EXISTING CONCRETE FOUNDATIONS AND SLABS SHALL BE REMOVED TO A DEPTH OF 3 FEET BELOW THE FINAL GRADE ELEVATION. CONCRETE AND REINFORCING SHALL BE DEPOSITED OF IN ACCORDANCE WITH THE SPECIFICATIONS.
 - BANK STABILIZATION SHALL COORDINATE WITH EXISTING METAL SHEET PILE CURTAINS. ALL PENETRATIONS THROUGH THE WALL PENETRATIONS AS REQUIRED.

Prepared/Date
 Checked/Date

BUFFALO COLOR CORPORATION SITE
 AREA A - BANK STABILIZATION SITE PLAN
 Project 3613-04-3018
 Figure 1.3



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 Erie County, New York Quad: BUFFALO SE
 Sheet 5 of 8

- NOTES:
1. EXTENT OF BANK STABILIZATION BELOW THE ORDINARY HIGH WATER LINE SHALL COINCIDE WITH THE ARMY CORP OF ENGINEER'S (ACE) BANK STABILIZATION PER LINEAR FOOT OF DISTURBANCE (100 CUBIC YARDS FOR THIS PROJECT).
 2. ONLY USON WATER ELEVATION PER AREA D REMEDIAL DESIGN REPORT BY PARSONS. ELEVATIONS WERE ADJUSTED FROM MWD 1929 (ASSUMED) TO MWD 01.
 3. 100-YEAR FLOOD PLAN ELEVATION IS ESTIMATED BASED ON INFORMATION PROVIDED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, CITY OF BUFFALO, NEW YORK, ERIE COUNTY.
 4. ELEVATIONS SHOWN ARE BASED ON MWD 1929.

BANK STABILIZATION CROSS SECTION A-A
 NTS
 C-10215-301

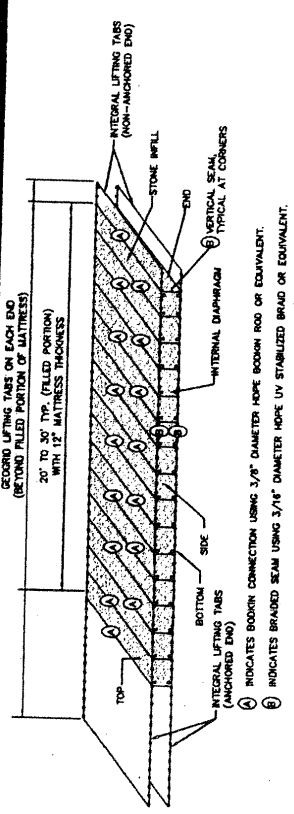
Prepared/Date: JVM 08/23/05
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BUFFALO COLOR CORPORATION SITE
 AREA A - BANK STABILIZATION CROSS SECTION
 Project 3613-04-3018
 Figure 1.4



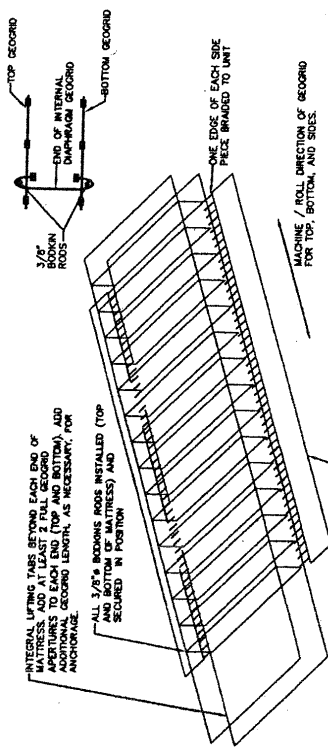
NOTES:

1. TYPICAL DETAIL SHOWN FOR REFERENCE ONLY. (SOURCE: TENSAR EARTH TECHNOLOGIES). CONTRACTOR TO PROVIDE MANUFACTURER/SUPPLIER-APPROVED SITE-SPECIFIC SHOP DRAWINGS FOR MARINE MATRESS UTILIZED.
2. NOMINAL WIDTH OF UNITS: 5 FT (FILLED), 4.3 FT (UNFILLED).
3. TYPICAL THICKNESS (FILLED): 12 INCHES.
4. PLASTIC CHAINLIES MAY BE USED TO SECURE BOOKIN CONNECTORS IN POSITION PRIOR TO TENSIONING OR FILLING OF MATRESS UNITS.
5. PROVIDE 17" WIDE BIAXIAL GEORGO (TENSAR BTR100, OR APPROVED EQUAL) ADJACENT TO FABRIC SEAMS (1 SIDE ONLY) FOR SUBSEQUENT ATTACHMENT OF WOVEN GEOTEXTILE. MANUFACTURER/SUPPLIER'S RECOMMENDATIONS.

TYPICAL CONFIGURATION OF FILLED MATRESS UNITS

NTS

EXPANDED SECTION AT DIAPHRAGM



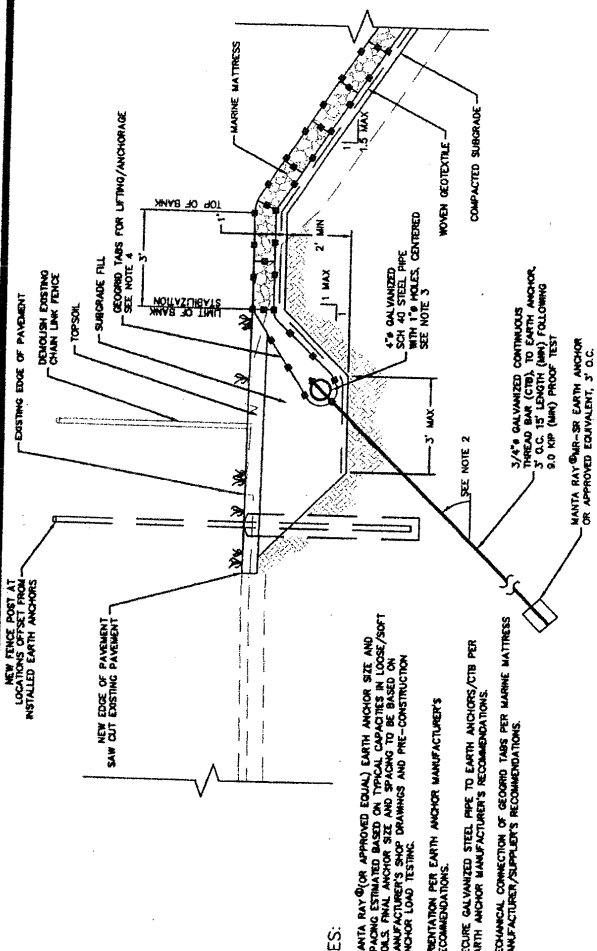
WIDTH OF GEORGO PRICES USED TO FORM EACH SIDE SHALL BE EQUAL TO FILLED THICKNESS OF MATRESS

NOTES:

1. TYPICAL DETAIL SHOWN FOR REFERENCE ONLY. (SOURCE: TENSAR EARTH TECHNOLOGIES). CONTRACTOR TO PROVIDE MANUFACTURER/SUPPLIER-APPROVED SITE-SPECIFIC SHOP DRAWINGS FOR MARINE MATRESS UTILIZED.
2. ENDS, TOP, BOTTOM, SIDES AND ANY EXTRA LENGTH USED FOR LIFTING TABS OF ANCHOR AGE SHALL BE COMPOSED OF TENSAR UX TRITON 200 GEORGO OR APPROVED EQUAL.
3. INTERNAL DIAPHRAGMS SHALL BE COMPOSED OF TENSAR UX TRITON 100 GEORGO OR APPROVED EQUAL.
4. TYPICAL SPACING OF INTERNAL DIAPHRAGMS IS EVERY THREE APERTURE LENGTHS. A LENGTH OF END PRICES AND INTERNAL DIAPHRAGMS SHALL BE 2 FULL GEORGO APERTURES IN LENGTH.
5. SEE TYPICAL CONFIGURATION OF FILLED MATRESS FOR ADDITIONAL DIMENSIONS AND CONNECTIONS/SEAMS.

TYPICAL CONFIGURATION OF FABRICATED MATRESS

NTS

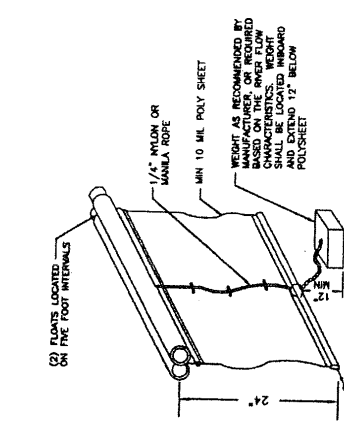


NOTES:

1. MANTA RAY (OR APPROVED EQUAL) EARTH ANCHOR SIZE AND SOILS SHALL BE AS SPECIFIED IN THE SHOP DRAWINGS. MANTA RAY (OR APPROVED EQUAL) EARTH ANCHOR LIFTING AND PRE-CONSTRUCTION ANCHOR LOAD TESTING.
2. ORIENTATION PER EARTH ANCHOR MANUFACTURER'S RECOMMENDATIONS.
3. SECURE GALVANIZED STEEL PIPE TO EARTH ANCHORS (CTB) PER EARTH ANCHOR MANUFACTURER'S RECOMMENDATIONS.
4. MECHANICAL CONNECTION OF GEORGO TABS PER MARINE MATRESS MANUFACTURER/SUPPLIER'S RECOMMENDATIONS.

ANCHOR TRENCH DETAIL A

NTS

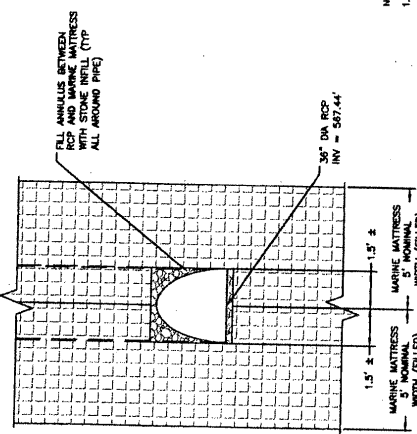


NOTES:

1. THE TURBIDITY CURTAIN SHALL BE DEPLOYED PRIOR TO DISTURBING THE RIVER BANK SOILS.
2. THE TURBIDITY CURTAIN SHALL WITHSTAND A MAXIMUM RIVER VELOCITY OF 6 FT/SEC.

TURBIDITY CURTAIN DETAIL (B)

NTS



NOTE:

1. CONFIGURATION OF UNFILLED/FILLED MATRESS UNITS SHALL BE MODIFIED PER MANUFACTURER'S RECOMMENDATIONS TO ACCOMMODATE RSP PENETRATION.

OUTFALL #006 PENETRATION (C)

NTS

BUFFALO COLOR CORPORATION SITE
AREA A - BANK STABILIZATION DETAILS
 Project 3613-04-3018
 Figure 1.5



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 Erie County, New York Quad: BUFFALO SE
 Sheet 6 of 8

Honey
 101 COLUMBIA RD.
 MORRISTOWN, NJ

Prepared/Date: JVM 08/23/05
 Checked/Date: MAP 08/23/05



)
Photo 2 – River Bank showing poor condition.
Date: 04/14/04

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Erie County, New York Quad: BUFFALO SE
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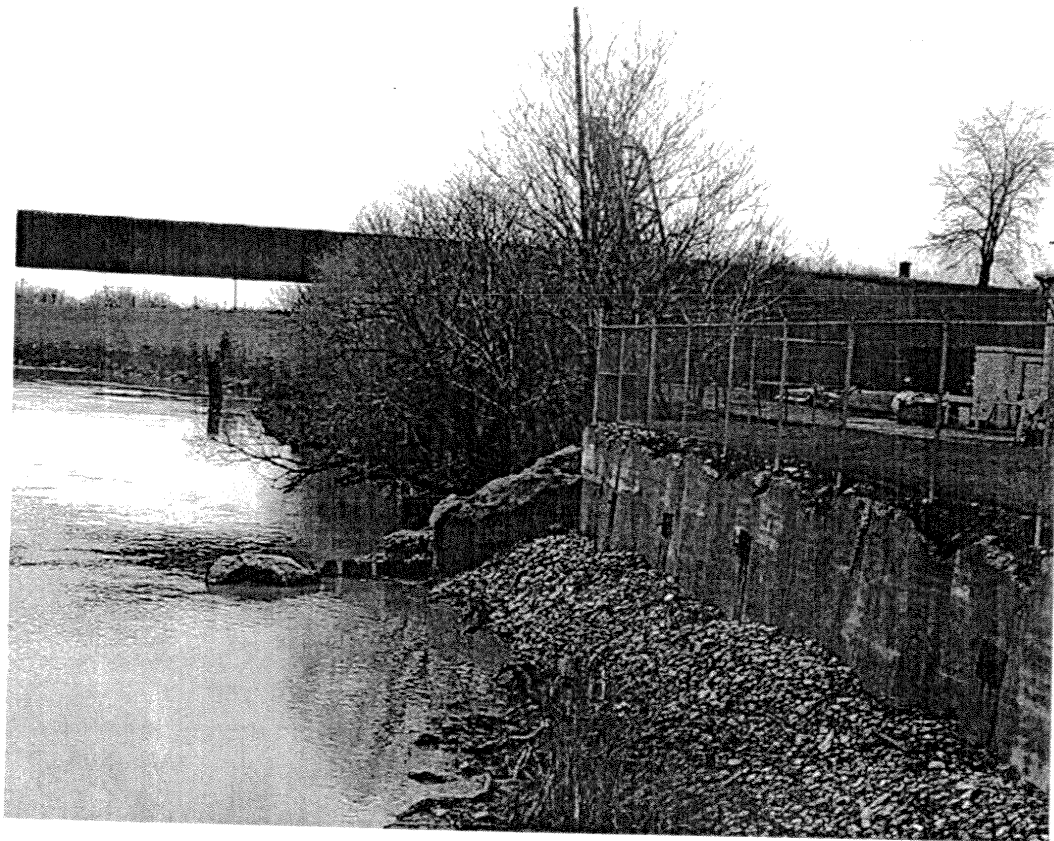


Photo 3 – The proposed stabilization area is beyond the concrete abutment where the severely leaning tree indicates potential bank failure.

Date: 04/14/04

Figures:

The following Figures are provided with this application:

- Figure 1.1 Site Location Map (taken from USGS Buffalo SE quadrangle)
- Figure 1.2 Project Site Plan
- Figure 1.3 Bank Stabilization Site Plan
- Figure 1.4 Bank Stabilization Cross Section
- Figure 1.5 Bank Stabilization Details

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