MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING

BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT SECTION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Armor Screen Corporation
8011 Monetary Drive
Riviera Beach FL 33404

Your application for Product Approval of:
"Armor Screen Series 2000" Flexible Wind Abatement System
under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This approval shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at anytime from a jobsite or manufacturer's plant for quality control testing.
If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

Acceptance No.: 99-0526.01

Expires: 01/07/2003

Raul Rodriguez
Chief Product Control Division

THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL CONDITIONS

BUILDING CODE & PRODUCT REVIEW COMMITTEE

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

Approved: 01/07/2000

Internet mail address: postmaster@buildingcodeonline.com **Homepage: http://www.buildingcodeonline.com**

Armor Screen Corporation

ACCEPTANCE No. : 99-0526.01

APPROVED : JAN 07 2000

EXPIRES : JAN 07 2003

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

This approves a Flexible Wind Abatement System, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code, 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

2. PRODUCT DESCRIPTION

This Flexible Wind Abatement System and its components shall be constructed in strict compliance with the following documents: Drawing No. AS-001, titled "Armor Screen Series 2000 Wind Abatement System", prepared by Thomas J. Rogers, P.E., dated June 28, 1998, sheets 1 through 6 of 6, signed and sealed by Thomas J. Rogers, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division. These documents shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

All permanent set components, included but not limited to embedded anchor bolts, threaded cones, metal shields, headers and sills, must be protected against corrosion, contamination and damage at all times.

4. INSTALLATION

This Flexible Wind Abatement System and its components shall be installed in strict compliance with the approved drawings.

5. LABELING

Each screen shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved".

6. BUILDING PERMIT REQUIREMENTS

6.1 Application for building permit shall be accompanied by copies of the following:

6.1.1 This Notice of Acceptance.

6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.

6.1.3 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.

Helmy A. Makar

Helmy A. Makar, P. E. - Product Control Examiner
Product Control Division

Armor Screen Corporation

ACCEPTANCE No. : 99-0526.01

APPROVED : JAN 07 2000

EXPIRES : JAN 07 2003

NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

1 Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documents, including test-supporting data, engineering documents, are no older than eight (8) years.

2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.

3. Renewals of Acceptance will not be considered if:
   a. There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes.
   b. The product is no longer the same product (identical) as the one originally approved.
   c. If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product.
   d. The engineer, who originally prepared, signed and sealed the required documentation initially submitted, is no longer practicing the engineering profession.

4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.

5. Any of the following shall also be grounds for removal of this Acceptance:
   a. Unsatisfactory performance of this product or process.
   b. Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purposes.

6. The Notice of Acceptance number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the Notice of Acceptance is displayed, then it shall be done in its entirety.

7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer needs not reseal the copies.

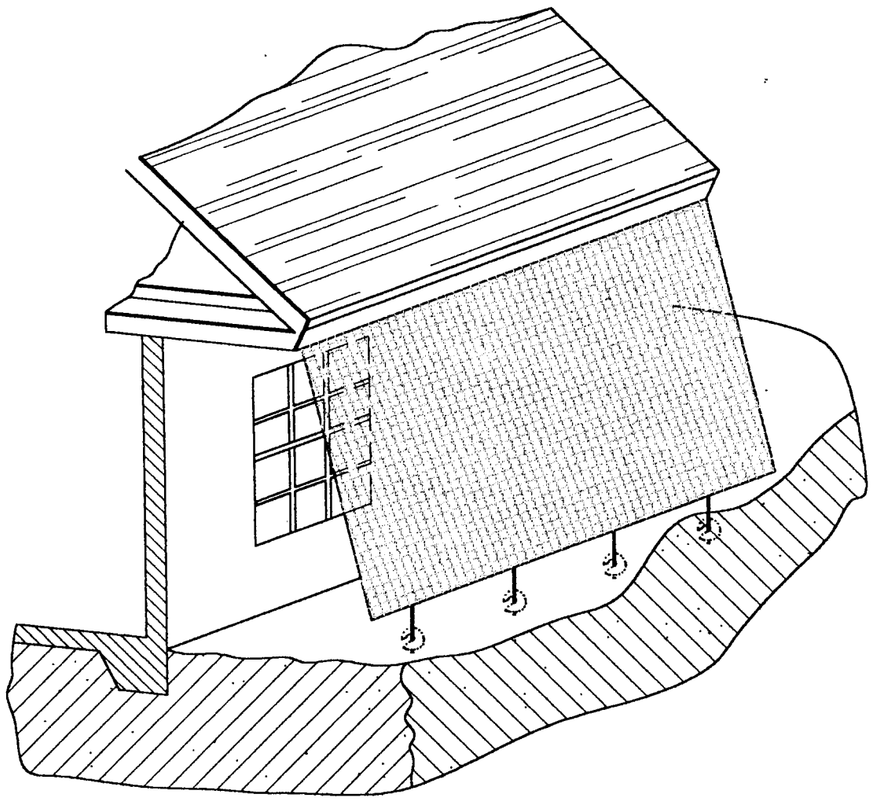
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.

9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

END OF THIS ACCEPTANCE

Helmy A. Makar

Helmy A. Makar, P.E. -Product Control Examiner
Product Control Division



THIS RENDERING NOT TO SCALE

Table No. 1. Minimum Glass Clearances	
Maximum Span	Min. Clearance
11'-0"	22"

MAXIMUM DESIGN PRESSURE ±45.0 PSF
MAXIMUM SCREEN SPAN = 11'-0"

GENERAL NOTES:

THIS WIND ABATEMENT SYSTEM IS DESIGNED IN ACCORDANCE WITH THE MIAMI DADE COUNTY, 1994 EDITION OF THE SOUTH FLORIDA BUILDING CODE.

FURTHER, THIS SYSTEM HAS BEEN TESTED IN ACCORDANCE WITH THE SOUTH FLORIDA BUILDING CODE, 1994 EDITION, LATEST EDITION AND SUPPLEMENTS, FOR IMPACT STATIC LOAD, AND CYCLIC FATIGUE RESISTANCE PER PA-201, PA-202 AND PA-203.

GEOSYNTHETIC HURRICANE SCREEN: THE HURRICANE SCREEN SHALL BE PRODUCED FROM A POLYPROPYLENE, WOVEN MONOFILAMENT GEOTEXTILE FABRIC WITH INDIVIDUAL FILAMENTS WOVEN INTO A BASKET WEAVE NETWORK AND CALENDERED SUCH THAT THE FILAMENTS RETAIN DIMENSIONAL STABILITY RELATIVE TO EACH OTHER.. THE WOVEN MONOFILAMENT GEOTEXTILE FABRIC SHALL HAVE THE FOLLOWING MINIMUM AVERAGE ROLL VALUES:

GRAB TENSILE STRENGTH	(ASTM D4632)	425x 325 LBS
PUNCTURE STRENGTH	(ASTM D4833)	130 LBS
MULLEN BURST	(ASTM D3786)	675 PSI
TRAPEZOIDAL TEAR	(ASTM D4533)	150x 125 LBS
WIDE WIDTH TENSILE STRENGTH	(ASTM D4595)	255x 205 LBS/IN
WIDE WIDTH ELONGATION	(ASTM D4595)	22x 21%
PERCENTAGE OF OPEN AREA		5%
APPARENT OPENING SIZE		30 US STD SIEVE.

ANCHORS:

LAG BOLTS: 1/2"ø LAG BOLTS WITH TURNED EYE SHALL BE A-307, WITH 2 1/2" PENETRATION IN SOUTHERN PINE WOOD MEMBER WITH G VALUE = 0.55 (MIN.)

DROP-IN ANCHOR: 1/2"ø RAWL STEEL DROP-IN ANCHOR IN 3000 PSI (MIN.) CONCRETE WITH 2" MIN. EMBED.

EARTH ANCHORS: 4" DIAMETER SINGLE HELIX ANCHOR WITH 1/2"ø x 30" MIN. ROD AS MANUFACTURED BY "A.B. CHANCE COMPANY", OR APPROVED SUBSTITUTE WITH A 4" HELIX HAVING THE FOLLOWING MINIMUM ANCHOR ULTIMATE HOLDING CAPACITIES:

SOIL CLASS: 5 (MEDIUM DENSE COARSE SAND) 4050 LBS

ALL GEOSYNTHETIC HURRICANE SCREEN ASSEMBLY INSTALLATION DETAILS DEPICTED WITHIN THESE DRAWINGS ARE TYPICAL FOR THE INSTALLATION OF THIS WIND ABATEMENT SYSTEM ONLY. ALL OTHER BUILDING COMPONENTS SHOWN HEREIN ARE DEPICTED AS EXISTING, AND NOT CONSTRUCTED BY THE SCREEN COMPANY. ALL SCREENS SHALL BE INSTALLED SNUG TIGHT.

REVISIONS

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE January 07-2000
BY
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 99-0526.01

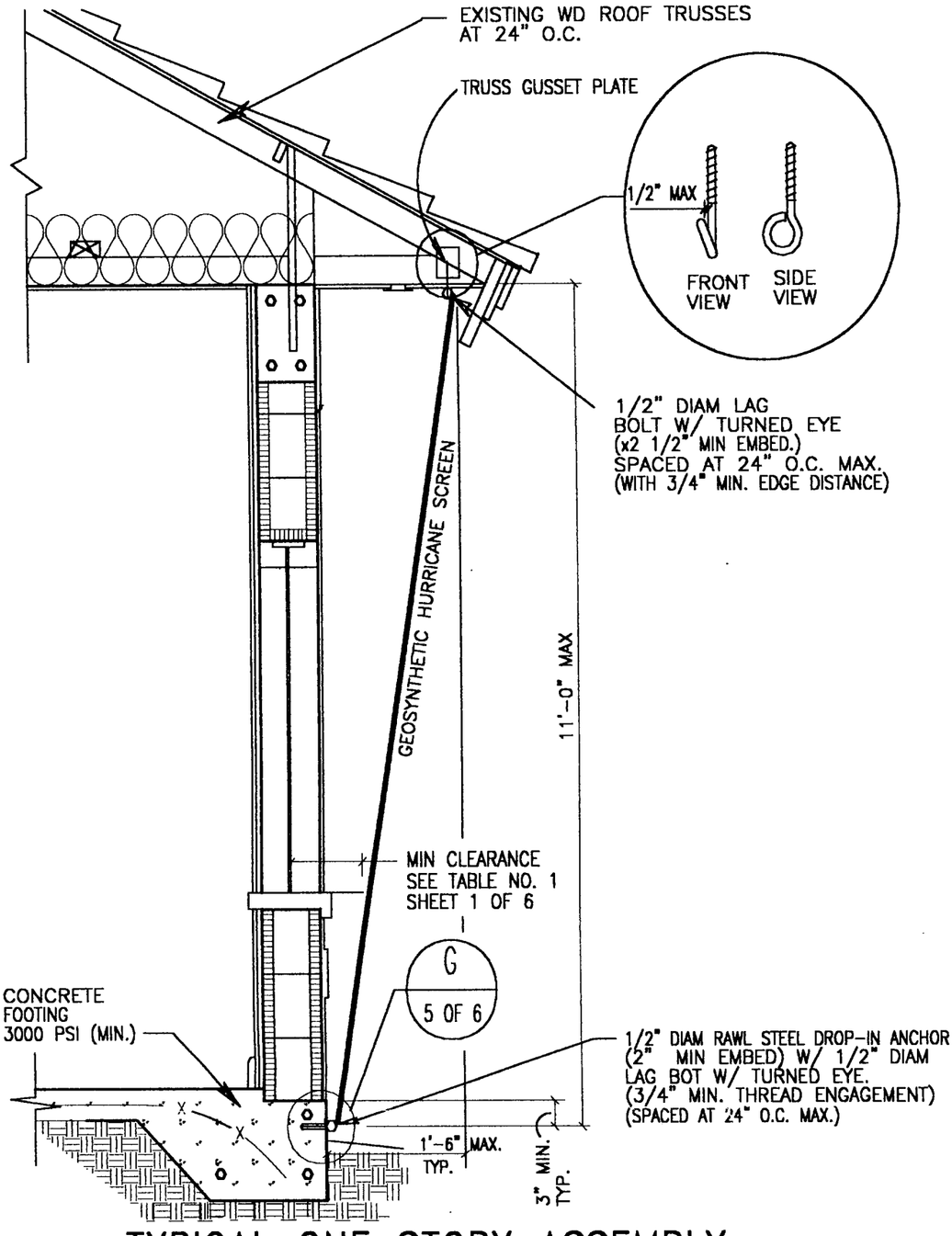
Thomas J. Rogers, P.E.
Structural Engineering Consultant
375 River Edge Road Phone (561) 745-7097
Jupiter, Florida Fax (561) 745-5634
12/16/99
FLA. REG. NO. 44124

ARMOR SCREEN COROPRATION
8011 Monetary Drive, Suite A-2, Riviera Beach, FL 33404
Ph: (561)841-8890 Fax: (561)841-8892 ted@armorscreen.com

PRODUCT:
ARMOR SCREEN SERIES 2000
WIND ABATEMENT SYSTEM

DATE: 6-28-98
DRAWN BY: RP
JOB NO.: 98-100-AS
SCALE: NO SCALE

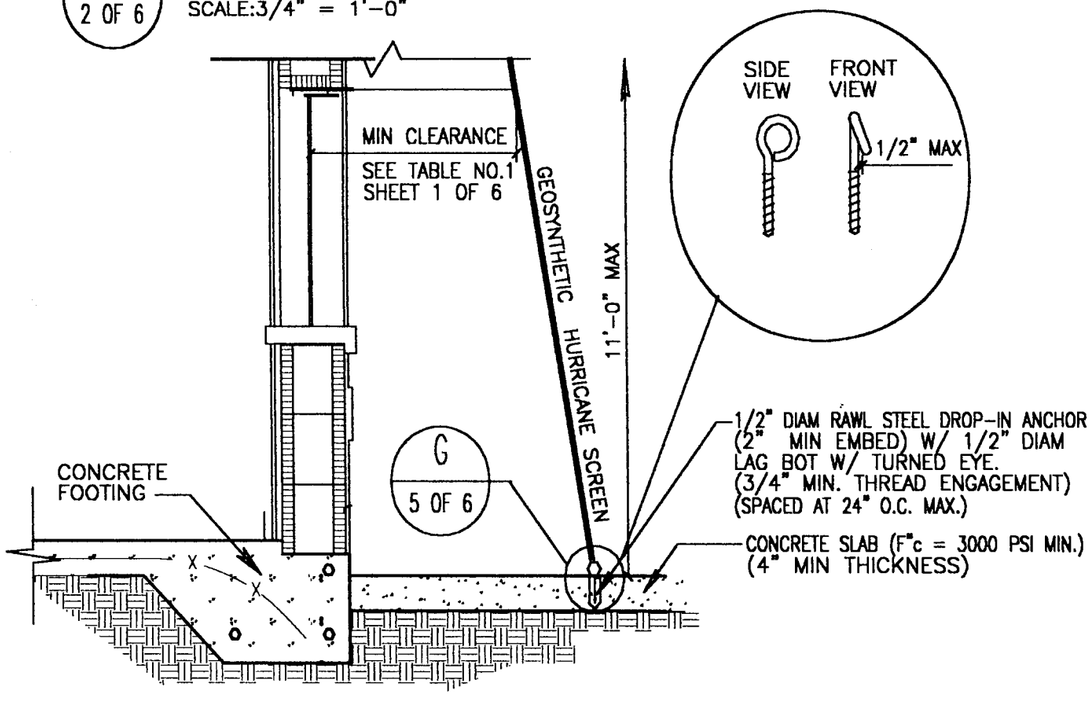
DWG NO. AS-001
SHEET NO. 1 OF 6



TYPICAL ONE STORY ASSEMBLY INSTALLATION

A
2 OF 6

SCALE:3/4" = 1'-0"



ALTERNATE ASSEMBLY INSTALLATION AT EXTERIOR SLAB

B
2 OF 6

SCALE:3/4" = 1'-0"

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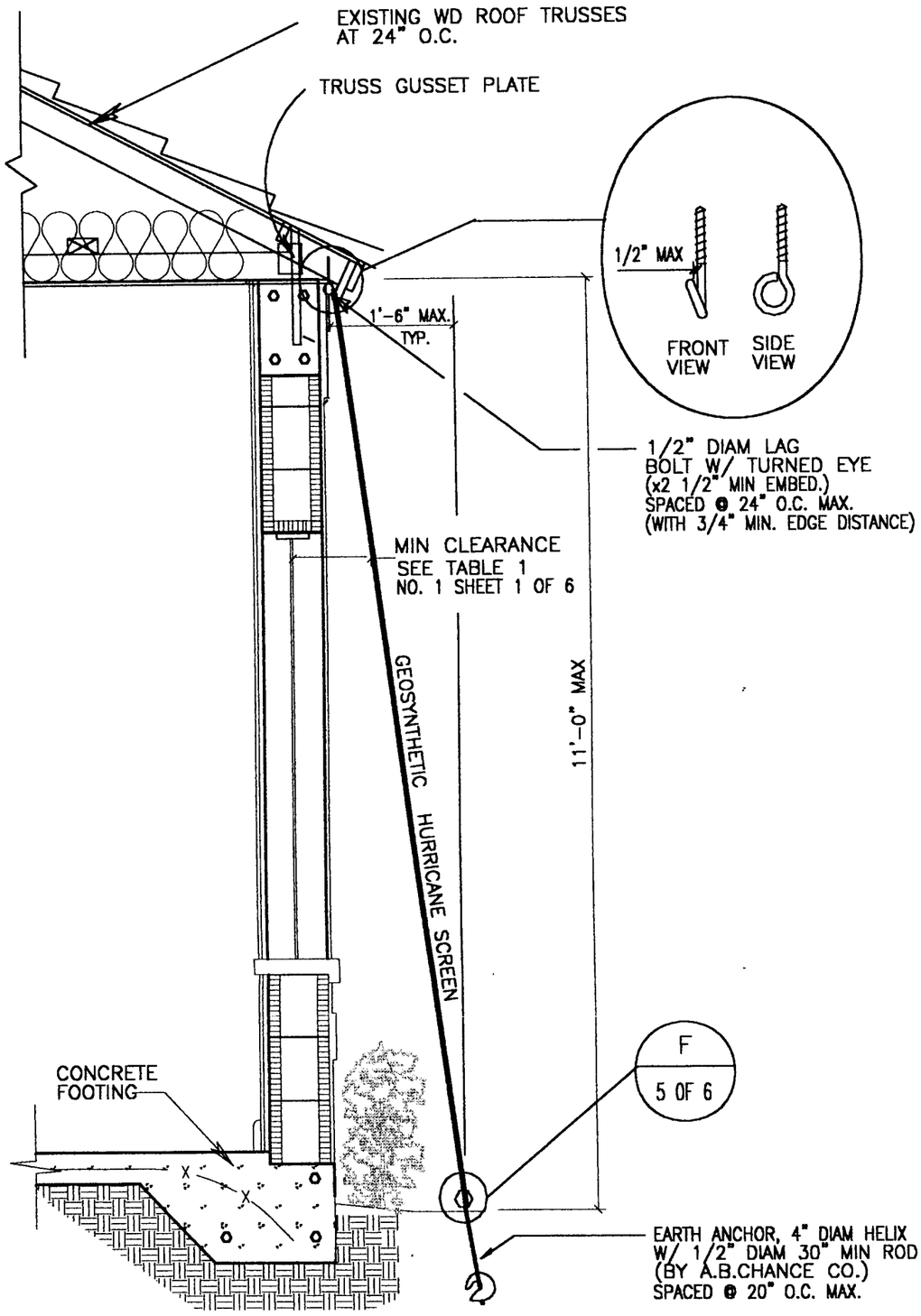
DATE: 6-28-98
DRAWN BY: RP
JOB NO.: 98-100-AS
SCALE: NO SCALE

DWG NO. AS-001
SHEET NO.2 OF 6



C
3 OF 6

ALTERNATE ASSEMBLY INSTALLATION INTO EARTH

SCALE:3/4" = 1'-0"

REVISIONS

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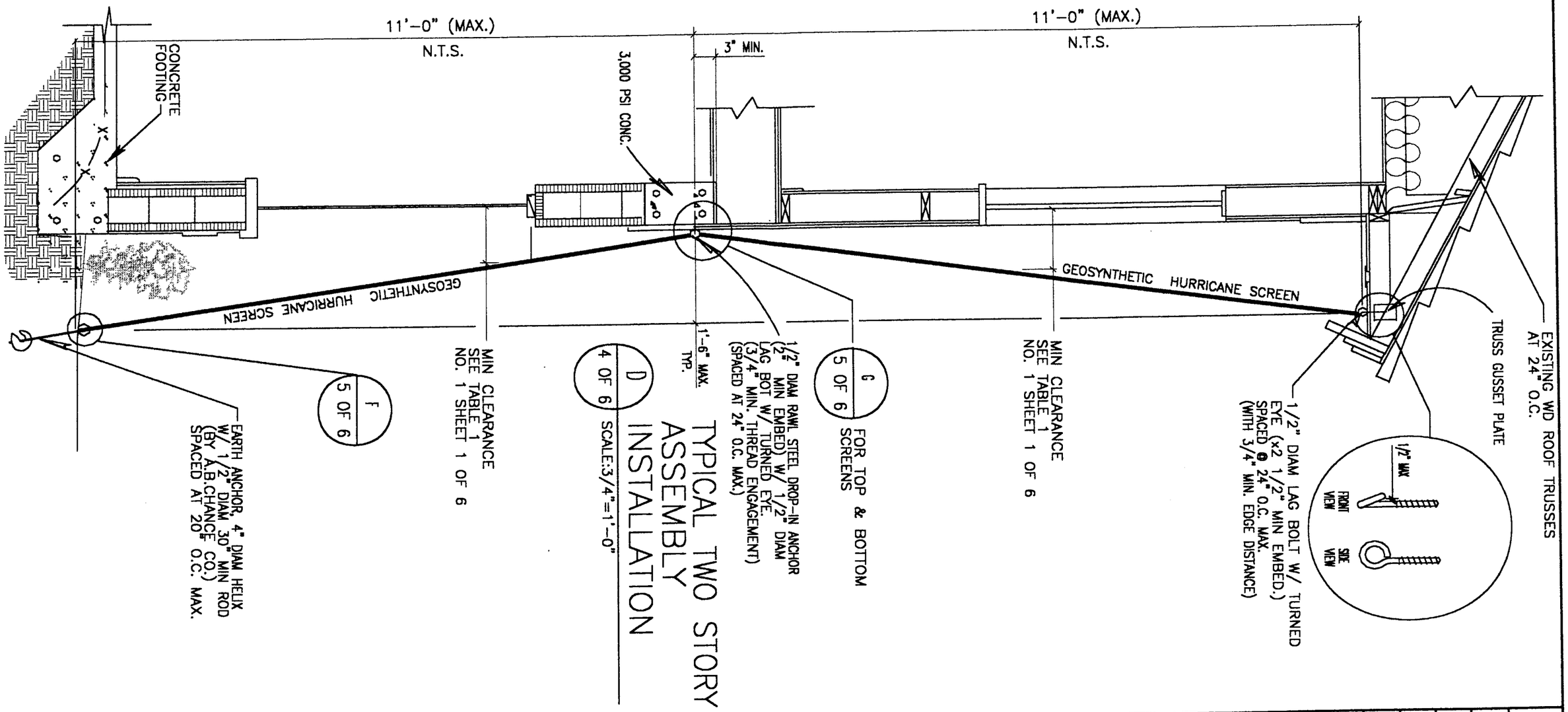
DRAWN BY: RP
JOB NO.: 98-100-AS
SCALE: NO SCALE

DWG NO. AS-001
SHEET NO. 3 OF 6



REVISIONS

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PRODUCT:
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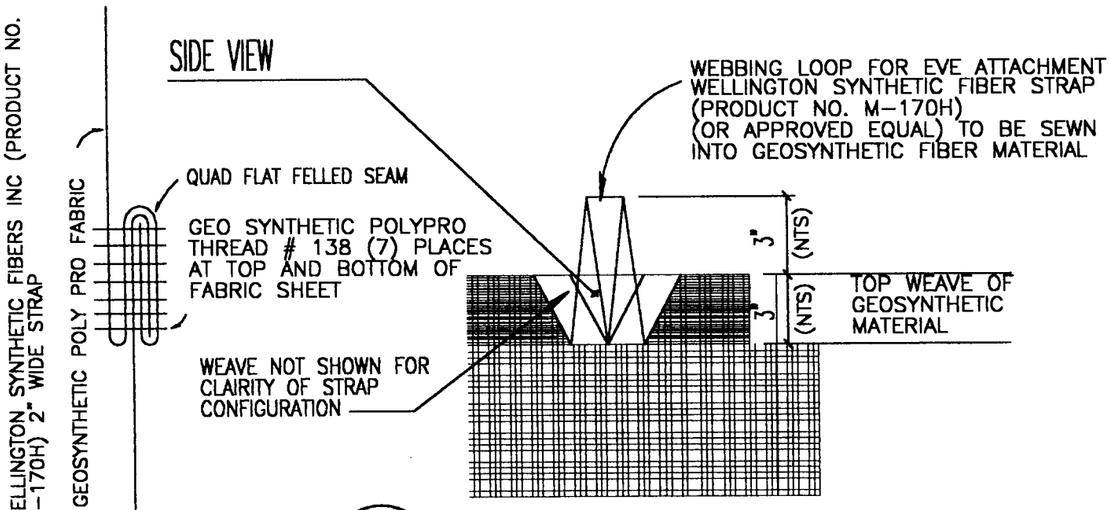
WIND ABATEMENT SYSTEM

Thomas J. Rogers, P.E.
Structural Engineering Consultant
375 River Edge Road Jupiter, Florida
Phone (561) 745-7097 Fax (561) 745-5634
T. Rogers 12/16/99
FLA. REG. NO. 44124

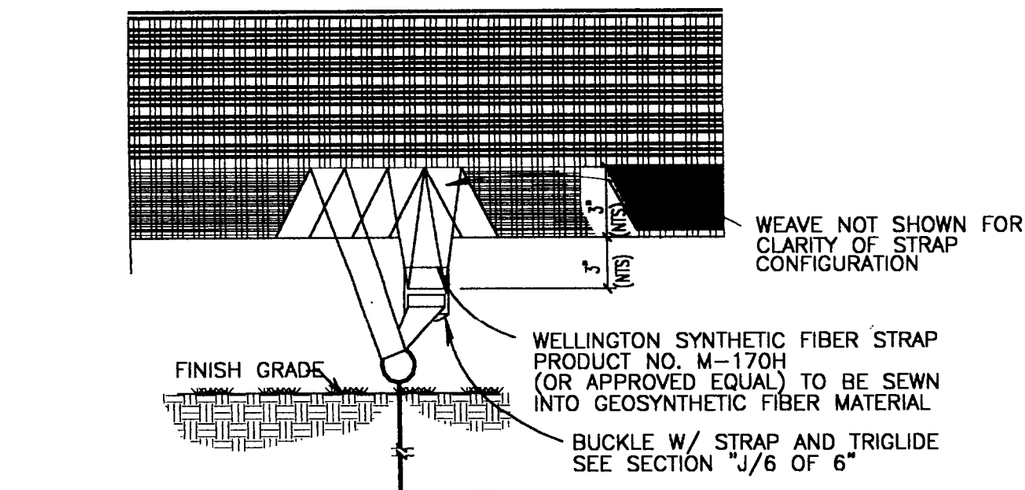
APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE January 04, 2000
BY [signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 99-0526.01

DATE: 6-28-98
DRAWN BY: RP
JOB NO.: 98-100-AS
SCALE: NO SCALE

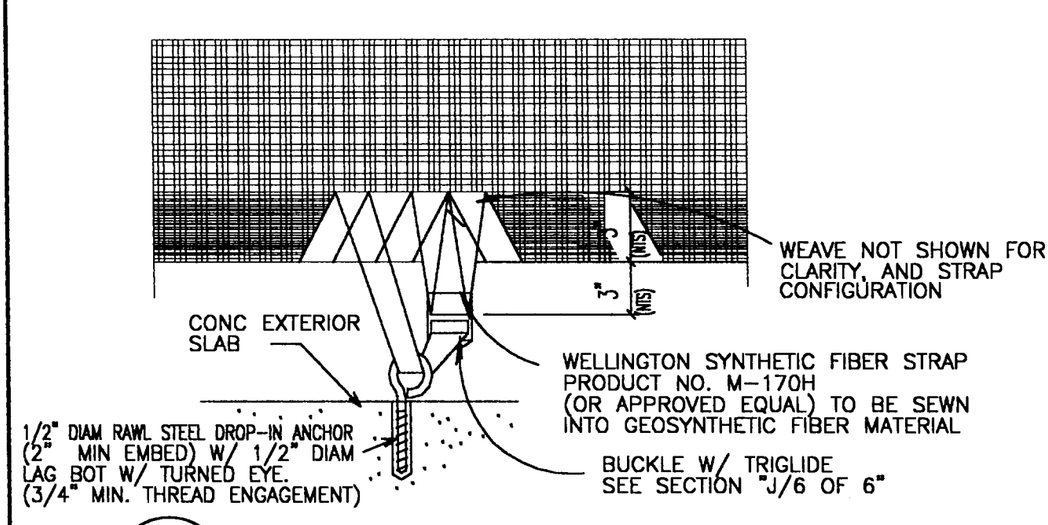
DWG NO. AS-001
SHEET NO.4 OF 6



E
5 OF 6
TOP STRAP DETAIL



F
5 OF 6
BOTTOM STRAP DETAIL
(AT EARTH ANCHOR)



G
5 OF 6
BOTTOM STRAP DETAIL
(AT ANCHORAGE INTO CONCRETE)

REVISIONS

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE January 07, 2000
BY
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ACCEPTANCE NO. 99-0526.01

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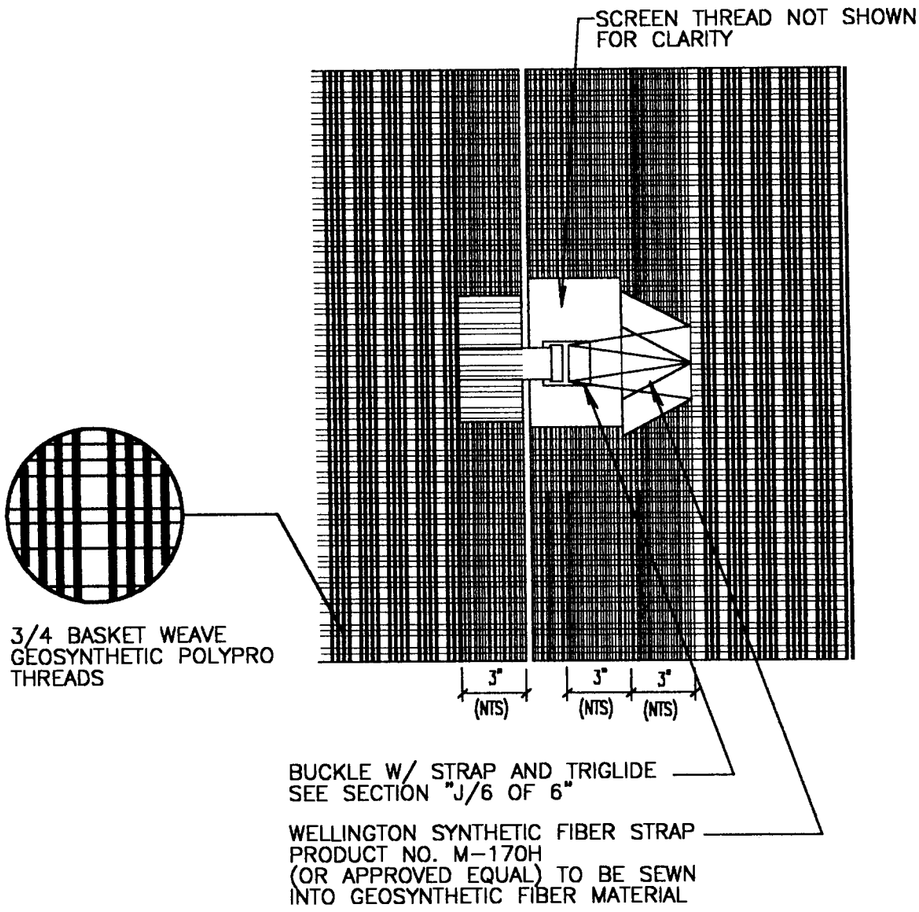
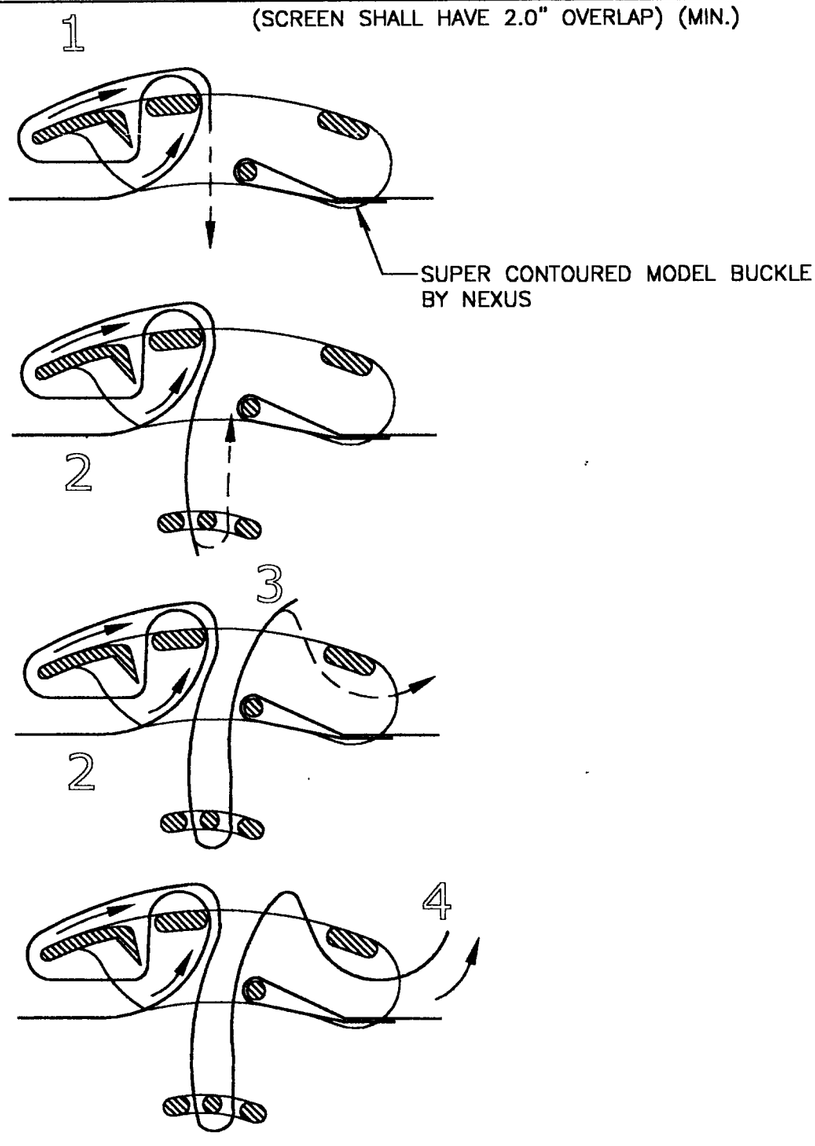
SCALE: NO SCALE

DWG NO. AS-001
SHEET NO. 5 OF 6



H / 6 OF 6 STRAP DETAIL AT ADJACENT SCREENS

(SCREEN SHALL HAVE 2.0" OVERLAP) (MIN.)



J / 6 OF 6 BUCKLE CROSS SECTION W/ STRAP PATH

REVISIONS

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
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DWG NO. AS-001
SHEET NO. 6 OF 6