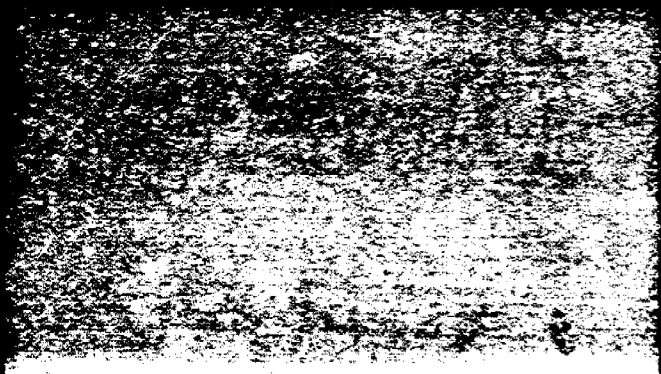


PERMIT #

B0100780

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City of Miami Beach
Fire Department
2300 Pine Tree Drive
Miami Beach, FL 33140

City of Miami Beach
Fire Department
2300 Pine Tree Drive
Miami Beach, FL 33140

RE: "Risk", 323 23rd Street, Miami Beach, FL 33139

LETTER OF UNDERSTANDING

At a meeting on 06/08/99 in the office of the City of Miami Beach Building Director with the Chairman of the Safety Committee, Chief Building Inspector Richard McConathy and Thomas Tolson present it was decided that the new gate company would be held to 30 percent due to a lack of an acceptable satisfactory means of egress from public area.

[Signature]
Philly Adams, Building Director

[Signature]
Richard McConathy, Chief Building Inspector

[Signature]
Thomas Tolson, Project Architect

Tel 305 866-1014

MIAMI DADE COUNTY, FLORIDA
OFF THE STATE ENGINEER'S REGISTRATION
BUILDING & CODE COMPLIANCE OFFICE
100 WEST 11th AVENUE, SUITE 1000
MIAMI, FL 33135
(305) 375-2000 FAX (305) 375-2000

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Braswell Door Company
200 South Country Boulevard
Beverly Hills FL 33442

CONTRACTOR RESPONSIBILITY SECTION
(305) 375-2000 FAX (305) 375-2000
PRODUCTS CONTROL DIVISION
(305) 375-2000 FAX (305) 375-2000

Your application for Product Approval of:
18 ga. Flush Outswing Commercial Steel Door - Impact Resistant

under Chapter 8 of the Code of Miami-Dade County governing the use of Abrasive 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 remove 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.: 99-0036-01
Expires: 09/15/2002

[Signature]
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.

[Signature]
Director
Miami-Dade County
Building Code Compliance Office

Approved: 09/25/1999 1 of 3

Braswell Door Co.

ACCEPTANCE No.: 99-0036-01
APPROVED: SEP 23 1999
EXPIRES: Aug. 15, 2002

NOTICE OF ACCEPTANCE - SPECIFIC CONDITIONS

- SCOPE**
This covers the Notice of Acceptance, No. 99-1212-01, which was issued on August 12, 1999. It applies to 18 ga. commercial steel door, 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 21, do not exceed the (Design Pressure Rating values indicated in the approved drawings.
- PRODUCT DESCRIPTION**
The 18 ga. Flush Outswing Commercial Steel Door - Impact Resistant and its components shall be constructed in strict compliance with the following documents: Drawing No. 1877-99, titled "18 ga. Flush Steel Door," prepared by Eng'g, Inc., dated August 29, 1999, Sheets 1 thru 4 of 4, signed and sealed by Pedro De Eguiguren, P.E., bearing the Miami-Dade County Product Control Approved 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.
- LIMITATIONS**
3.1 This approval applies to single unit applications only, as shown in the approved drawings.
- INSTALLATION**
4.1 The 18 ga. commercial steel door and its components shall be installed in strict compliance with the approved drawings.
4.2 The installation of this product will not require a hurricane protection system.
- LABELLING**
5.1 Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved"
5.2 The door shall itself shall also bear a permanent label, at the door inside edge, with the manufacturer's name or logo, city and state.
- 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.

[Signature]
Miami-Dade County
Product Control Division

2 of 3

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METROPOLITAN DADE COUNTY, FLORIDA
METRO CODE COMPLIANCE OFFICE
BUILDING CODE COMPLIANCE OFFICE
140 WEST FLAGLER STREET
MIAMI, FLORIDA 33130
(305) 375-2900
FAX (305) 375-2900
INTERNET: metrocode.com

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Remark Door Company
South Goodway Boulevard
Bald Beach FL 33442

Application for Product Approval of
Flush Out-Swing Commercial Steel Door - Impact
Chapter 8 of the Metropolitan Dade County Code governing the use of Abrasive Materials and
Chapter 9 of the Metropolitan Dade County Code governing the use of Glass in the plans, specifications and calculations as submitted by
Remark Door Company. (For listing, see Section 2 of this Notice of Acceptance)

The Office of Code Compliance
approval shall not be valid after the expiration date stated below. The Office of Code Compliance
reserves the right to require the manufacturer to perform or pay for the cost of testing. If this product or material fails to perform as the approved material, the Code
Compliance Officer may require, in writing, the manufacturer to provide a replacement to the South Florida Building
Code. The manufacturer shall re-evaluate this product or material and submit the results to the South Florida Building
Code. The manufacturer shall be contacted affecting this product or material. The Building Code Compliance Officer reserves the
right to require this approval, if it is determined by the Building Code Compliance Officer that this
product or material fails to meet the requirements of the South Florida Building Code. The expense of
this testing will be incurred by the manufacturer.

Approval No. **95-1212-01**
Expires: **08/15/99**

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

BUILDING CODE COMMITTEE
An application for Product Approval has been reviewed by the Metropolitan Dade County Building
Code Compliance Department and approved by the Building Code Committee to be used in Dade
County, Florida under the conditions set forth above.

Director
Building Code Compliance Dept.
Metropolitan Dade County

Approved: **08/15/99**

Remark Door Co. ACCEPTANCE No. **97-0866-01**

APPROVED **SEP 23 1999**

EXPIRES **Aug. 15, 2002**

NOTICE OF ACCEPTANCE - STANDARD CONDITIONS

- Removal of this Acceptance approval shall be considered after a removal application has been filed and the original submitted documents, including but not limited to, engineering documents, are one of the last eight (8) years.
- 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.
- Removal of Acceptance will not be considered if:
 - 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.
 - The product is no longer the same product (chemically) as the one originally approved.
 - If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product.
 - The engineer who originally prepared, signed and sealed the required documentation is no longer practicing the engineering profession.
- Any revision or change in the materials, use, and/or manufacturer 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 fees and granted by this office.
- Any of the following shall also be grounds for removal of this Acceptance:
 - Unsatisfactory performance of this product or process.
 - Misuse of this Acceptance as an endorsement of one product, for sales, advertising or any other purpose.
- The Notice of Acceptance number posted by the South Florida Building Code, 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.
- 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 times. The engineer need not reveal the copies.
- Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
- This Notice of Acceptance consists of pages 1, 2 and four (4) pages.

END OF THIS ACCEPTANCE

Manuel Perez
Manuel Perez, P.E., Product Control Examiner
Product Control Division

3 of 4

Remark Door Company ACCEPTANCE No. **95-1212-01**

APPROVED **08 15 1999**

EXPIRES **08 15 1999**

NOTICE OF ACCEPTANCE - SPECIFIC CONDITIONS

1. DESCRIPTION OF UNIT
1.1 This approval is for 18 gauge steel commercial steel door system designed to comply with the South Florida Building Code, 1994 Edition for Dade County, for the locations where the pressure requirements as determined by ASCE 7-88 Minimum Design Loads for Building and Other Structures, do not exceed the Design Pressure Rating values in Section 7 and within the limitations contained in Section 7.
1.2 Model Designation: 18 ga. Flush Out-Swing Commercial Steel Door - Impact
1.3 Overall Size: 7' 4 1/8" wide x 7' 1 1/2" high x 5 7/8" deep nominal
1.4 Configuration: X
1.5 No. & Size of Panels: One, 36" wide by 24" high x 1 3/4" thick.

2. MATERIAL CHARACTERISTICS
2.1 Frame & Base Material: Cold Rolled Steel, commercial quality with a minimum yield stress of 44.0 ksi Frame: 18 ga. min., Draw: 18 ga. min.

2.2 Glazing: None

2.3 Base and Construction:
2.3.1 Door Substrate: The door leaf is 1 3/4" thick.
2.3.2 Face sheets: Flush or embossed, 18 gauge (0.0157") commercial quality cold rolled steel conforming to ASTM A366, with a minimum yield strength of $F_y = 44,000$ psi. Galvanizing is an A30 type coat galvanized finish meeting ASTM A525 and A526. Face sheets are bonded to core.
2.3.3 Core Design:
2.3.3.1 Honeycomb reinforced Phenolic resin impregnated kraft paper 1" cell full honeycomb core permanently bonded to the inside of each face sheet with non-flammable adhesive Jonflex Inc., Series N-9540.
2.3.3.2 Vertical steel stiffener core: Optional stiffeners made of 18 gauge "C" channel which extend the full length of the vertical edges may be incorporated with the honeycomb core.
2.3.4 Construction: Full flush design construction. Door doors are mechanically interlocked vertically along the hinge and lock edge of door. Top and bottom edges of door are capped with "U" shape 2 1/2 gauge channels.
2.3.5 Vertical edges: Mechanically interlocked vertical edges shall be welded at 6" o.c. along the full height of the slab and post shall be filled with transparent epoxy (red seal). Door hinge edge is mortised, reinforced, drilled and tapped to receive 1/2" dia. x 4 1/2" x 4" standard weight stainless hinges. Door lock edge is mortised, reinforced, drilled & tapped to receive a cylindrical lock.
2.3.6 Top and bottom edges: Top and bottom of door shall have mill formed steel closure channels 1 1/2" x 1 1/2" x 7/8" x 16 ga. spot welded to face sheets at 4 5/8" o.c.
2.3.7 Reinforcing elements: Door closure reinforcement is 1 1/2" x 4" x 18 gauge steel which extends from hinge edge to midspan. Hinge reinforcement shall be made of 10 gauge steel, tapered for four #12-24 machine screws, total of three, spaced 1 1/2" wide x 14" long. Lock reinforcement shall be made of 20 and 18 gauge steel, tapered for two #8-32 machine screws.
2.3.8 Finish: All doors shall have an A-MD type, zinc galvanized finish.

Manuel Perez
Manuel Perez, P.E., Product Control Examiner II
Product Control Division

05

Manuel Perez, P.E. APPROVED: APR 15 1999 EXPIRES: APR 15 1999

ACCEPTANCE No.: 79-1112-01

NOTICE OF ACCEPTANCE - SPECIFIC CONDITIONS

Frame Construction:

2.4.1 Type: The frame joints and head are of a double rabbet profile, 2" face, size 1/2" return and minimum depth of 5.75".

2.4.2 Material: 18 gauge (0.051") commercial quality cold rolled steel conforming to ASTM A366, with a minimum yield strength of 47 - 44,000 psi. (depending on an A by size) coat galvanized with a minimum yield strength of 47 - 44,000 psi.

2.4.3 Construction: Mineral corners, we welded 45° corner joints, primed face & finished smooth.

2.4.4 Reinforcement: Hinge reinforcements shall be made of 10 gauge steel, tapered for four #12-24 machine screws, total of three, approx. 1.14" wide x 14" long. Lock reinforcements consist of a 16 gauge cover box 1" deep punched and tapped for two #12-24 machine screws at deadbolt location and an 18 gauge cover box, tapered for two #12-24 machine screws at strike location.

2.4.5 Anchors: None.

2.4.6 Threshold: Panko #205AS - extruded aluminum bumper threshold, 3/4" high x 3.5" wide with a Silicone Seal™ insert.

Weatherstripping:

Qty.	Description:	Location:
2.5.1	single 1/2" bulb vinyl	Around the inside perimeter of the frame.
2.5.2	single 1/2" bulb vinyl	Around the inside perimeter of the door.
2.5.3	single 1" high flat vinyl	Along inside bottom of door.

Hardware:

Qty.	Description:	Location:
2.6.1	Three FIBB, Inc. Part # FIBB1 Steel Full Mortise Template Hinges, Plain Beams, Standard Weight 4-1/2" x 4-1/2", US 261	Each one centered at 9.58" from top and bottom of door and one at midpoint of hinge rail of door slab and frame hinge jamb.
2.6.2	One FIBB Industries SK Series "Competition" Grade 2 Std. Duty Lever Lockset SK 126 x 2.347" ASA strike, US 261 finish 2.7	At lock end of door slab, 39-9/16" from door bottom.
2.6.3	One FIBB Industries "ASA" Steel strike plate, 1.14" x 4.78" x 3/32"	At frame lock jamb, 39-9/16" from door bottom.
2.6.4	One FIBB Industries KV Series Std. Duty Deadbolt KV 116 x 2.34" and strike, US 261 finish	At lock end of door slab, 47-9/16" from door bottom.

2.7 Sealant: Silicone is applied to the lower right inside corner joining the two strips of 1/2" bulb vinyl of Section 2.5.

Manuel Perez, P.E. Product Control Division

Manuel Perez, P.E. APPROVED: APR 15 1999 EXPIRES: APR 15 1999

NOTICE OF ACCEPTANCE - SPECIFIC CONDITIONS

1. LIMITATIONS:

3.1 This approval applies to single door exit applications only, as shown in Section 10.

3.2 Units with dimensions equal to or smaller than those shown in Section 1.3 shall qualify under this approval.

3.3 Installation is limited by the Design Pressure Rating shown in Section 7 of this approval.

3.4 This door system does not comply with the means of egress requirements.

4. INSTALLATION

4.1 Method of Attachment

4.1.1 Head: None.

4.1.2 Jamb: The one piece frame was anchored to the wood jamb on each side with three 3/8" x 5" Flat Head Lag Screws at 32" o.c.

4.1.3 Sill: Three #4 x 2" wood screws minimum.

4.2 Attachments of sub-backs shall be designed by the Architect or Engineer of Record and must be in compliance with the South Florida Building Code.

4.3 Fasteners must have three times the tensile strength of the fastener and must be made of stainless steel or have adequate protection against corrosion, per DIN 50911. Aluminum coating must be considered compatible shall be properly protected.

5. IDENTIFICATION

5.1 Each door system shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Dade County Product Control Approved". It shall be located in a visible place inside the frame jamb.

5.2 The door slab itself shall also bear a permanent label, at the door inside edge, with the manufacturer's name or logo, city and state.

6. USE

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

6.1.1 This Notice of Acceptance.

6.1.2 Completely dimensioned drawing showing size and location, including height above grade of opening to receive door, mean roof height, length and width of building.

6.2 The Building Official shall ensure the adequacy of door to meet the pressure requirement of the opening in which it is to be installed.

6.3 Note: The installation of this unit will not require a hurricane protective system.

Manuel Perez, P.E. Product Control Division

Manuel Perez, P.E. APPROVED: APR 15 1999 EXPIRES: APR 15 1999

NOTICE OF ACCEPTANCE - SPECIFIC CONDITIONS

7. TESTS PERFORMED

TEST	RESULTS	DESIGN LOADS
AIR INFILTRATION @ 1.57 PSF	0.23 CFM/FT ²	
CFRC PA 202-94 @ 34" CYMETS	10/11/95 1018	
UNIFORM STATIC PRESSURE @ DESIGN LOAD	10/11/95 1018	10/11/95 1018
CFRC PA 202-94 POSITIVE	10/11/95 1018	76.0 PSF
UNIFORM STATIC PRESSURE @ DESIGN LOAD	10/11/95 1018	10/11/95 1018
CFRC PA 202-94 NEGATIVE	10/11/95 1018	76.0 PSF
WATER RESISTANCE (PWF)	10/11/95 1018	10/11/95 1018
CFRC PA 202-94	10/11/95 1018	76.0 PSF
UNIFORM STATIC AIR PRESSURE @ FULL TEST LOAD	10/11/95 1018	10/11/95 1018
CFRC PA 202-94 POSITIVE	10/11/95 1018	76.0 PSF
UNIFORM STATIC AIR PRESSURE @ FULL TEST LOAD	10/11/95 1018	10/11/95 1018
CFRC PA 202-94 NEGATIVE	10/11/95 1018	76.0 PSF
FORCE-ENTRY RESISTANCE (FEW)	10/11/95 1018	
CFRC Section 3001.02 and 3001.04	10/11/95 1018	
LARGE MESH IMPACT TEST	10/11/95 1018	10/11/95 1018
CFRC PA 202-94	10/11/95 1018	10/11/95 1018
CYCLIC WIND PRESSURE TEST	10/11/95 1018	10/11/95 1018
CFRC PA 202-94 POSITIVE F. 6071 (10/11/95)	10/11/95 1018	10/11/95 1018
CYCLIC WIND PRESSURE TEST	10/11/95 1018	10/11/95 1018
CFRC PA 202-94 NEGATIVE F. 6071 (10/11/95)	10/11/95 1018	10/11/95 1018
Design Pressure Rating (Positive)		76.0 PSF
Design Pressure Rating (Negative)		76.0 PSF

Manuel Perez, P.E. Product Control Division

05

ACCEPTANCE No. 95-121281
 APPROVED: MAR 15 1999
 EXPIRES: MAR 15 1999

INDICE OF ACCEPTANCE: SPECIFIC CONDITIONS

2. EVIDENCE SUBMITTED

2.1 Test reports on 1) Air Infiltration Test, per FA 202-94
 2) Minimum Static Air Pressure Test, Loading per FA 202-94
 3) Water Penetration Test, per FA 202-94
 along with installation diagram and manufacturer's design drawing method-up and verified by the Laboratory prepared by Hurricane Engineering & Testing Inc., Test Report No. HETI-95-103B, dated November 22, 1995, signed and sealed by Hector Medina, P.E.

2.2 Test reports on 1) Large Missile Impact Test per SEWC, FA 201-94
 2) Cyclic Wind Pressure Loading per SEWC, FA 201-94
 prepared by Hurricane Engineering & Testing Inc., Test Report No. HETI-95-476, dated August 10, 1995, signed and sealed by Hector Medina, P.E.

2.3 Test reports on 1) Sealed Lateral Test, per ASTM E 842-81 and FA 202-94
 prepared by Hurricane Engineering & Testing Inc., Test Report No. HETI-95-476, dated December 4, 1995, signed and sealed by Hector Medina, P.E.

2.4 Drawing:
 2.4.1 Manufacturer's parts and section drawing: Test Report No. HETI-95-1111, dated December 6, 1995, for steel couple, tested per ASTM E8-93, signed and sealed by Hector Medina, P.E.

2.4.2 Tensile Test prepared Hurricane Engineering & Testing Inc., Test Report No. HETI-95-1111, dated December 6, 1995, for steel couple, tested per ASTM E8-93, signed and sealed by Hector Medina, P.E.

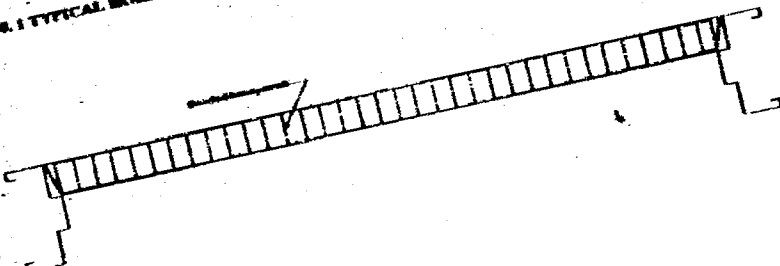
2.4.3 Anchorage calculations, date December 8, 1995, 1 sheet, signed and sealed by J. Potts, P.E.

Hector Medina
 Hector Medina, P.E., Professional Engineer II
 Product Control Division

ACCEPTANCE No. 95-121281
 APPROVED: MAR 15 1999
 EXPIRES: MAR 15 1999

INDICE OF ACCEPTANCE: SPECIFIC CONDITIONS

10.1 TYPICAL HORIZONTAL ELEVATION:

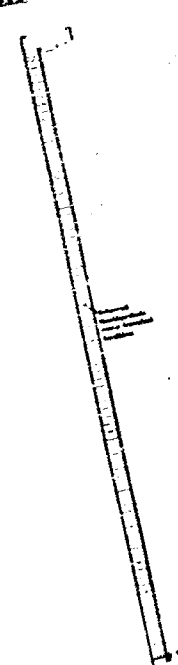


Hector Medina
 Hector Medina, P.E., Professional Engineer II
 Product Control Division

ACCEPTANCE No. 95-121281
 APPROVED: MAR 15 1999
 EXPIRES: MAR 15 1999

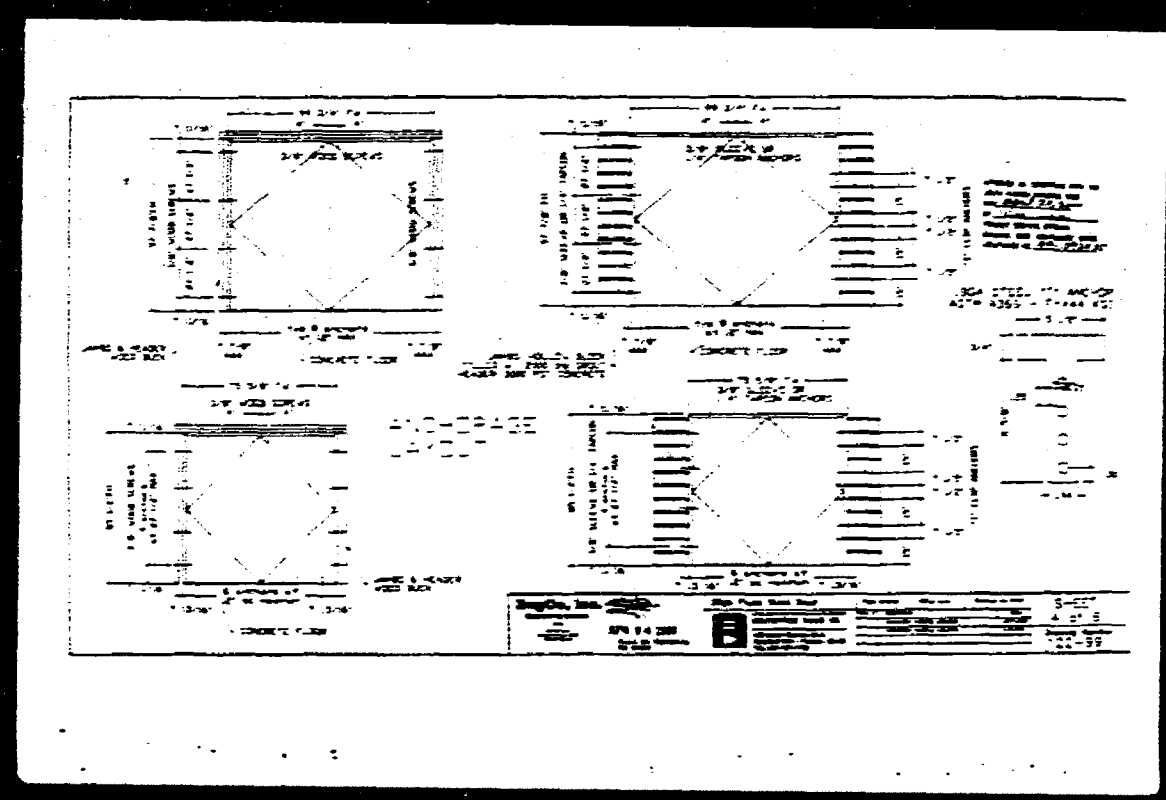
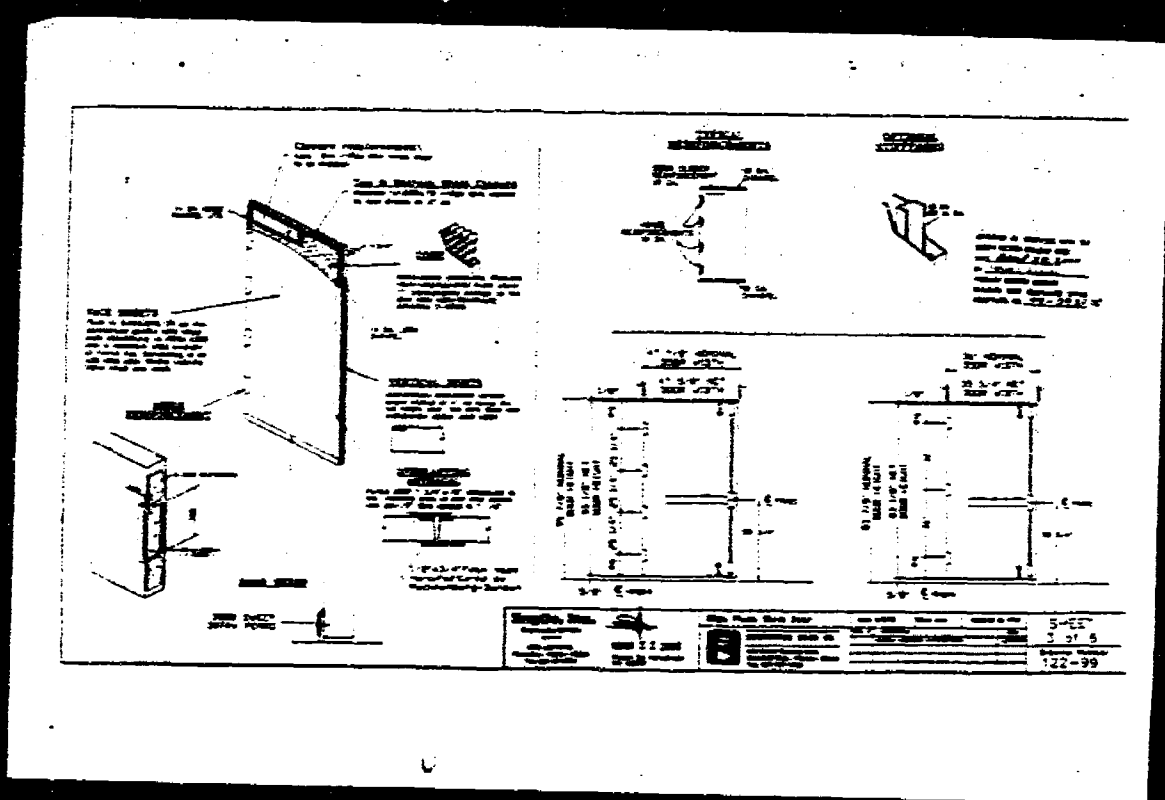
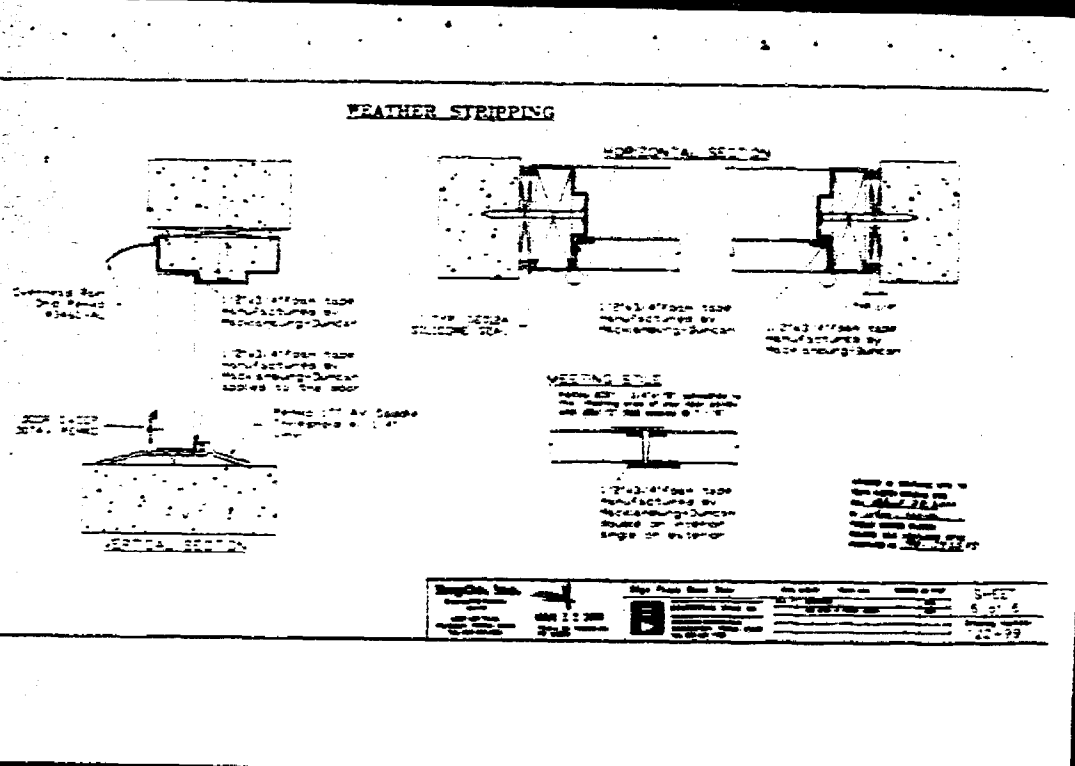
INDICE OF ACCEPTANCE: SPECIFIC CONDITIONS

10.2 TYPICAL VERTICAL ELEVATION:

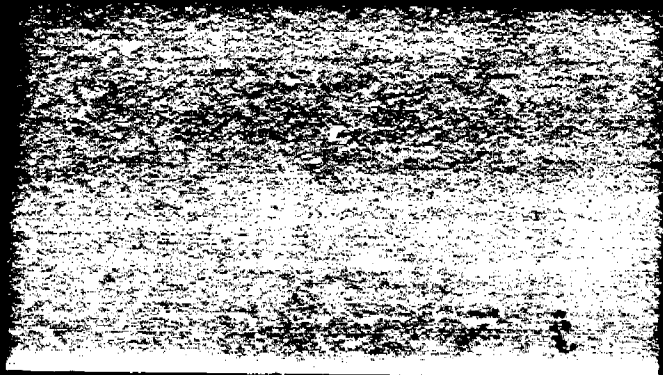


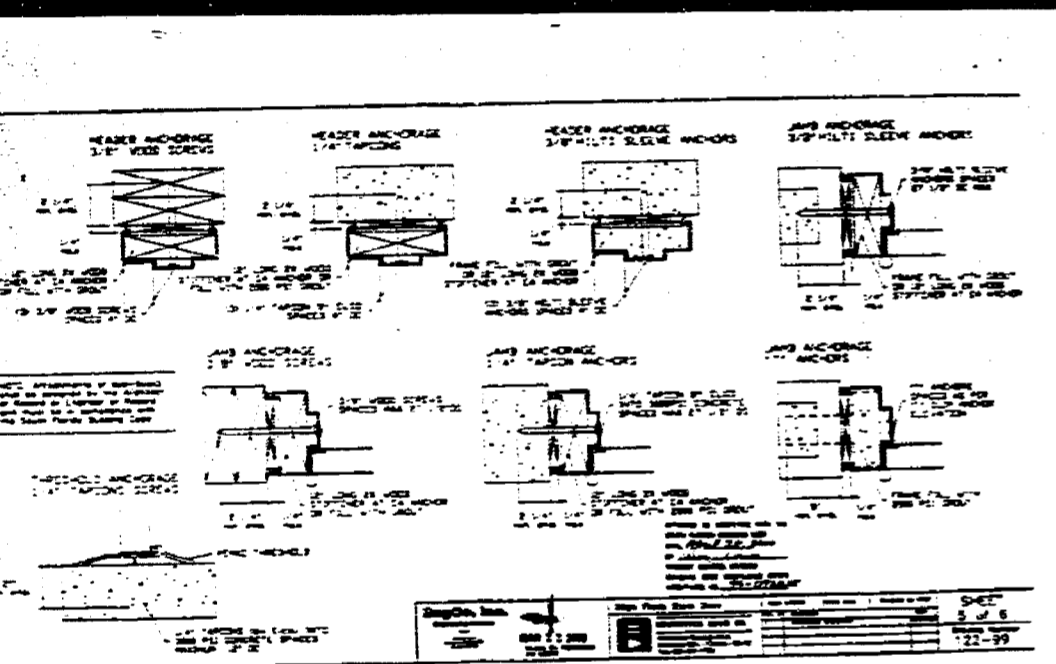
Hector Medina
 Hector Medina, P.E., Professional Engineer II
 Product Control Division

05



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Minimum Size Concrete

ACCEPTANCE No. STANLEY
 APPROVED NO 1 5 1999
 EXPIRES NO 1 5 1999

MINIMUM ACCEPTANCE STANDARD CONDITIONS

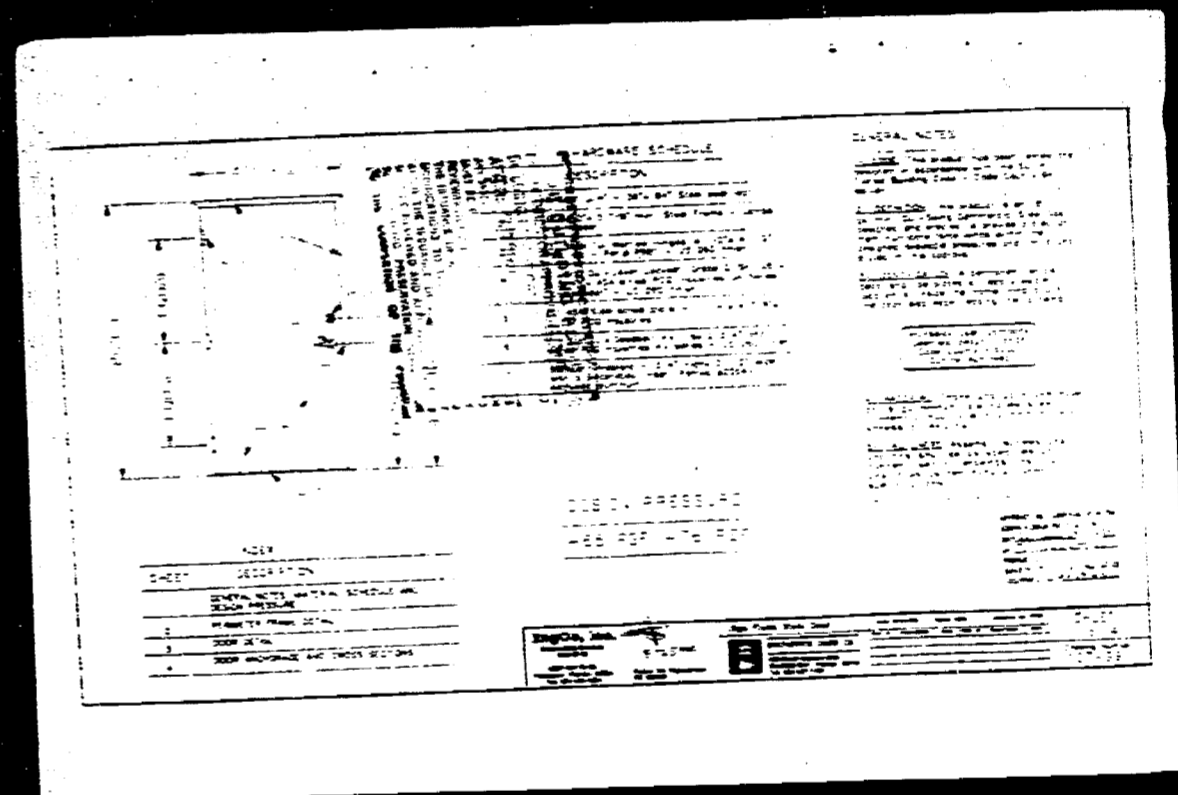
1. Removal of this Acceptance (approval) shall be considered after a removal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, c/o, size, and the following statement: "Dade County Product Control Approval", or as specifically noted in the specific conditions of this Acceptance.
3. Removals 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 to 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 original documentation initially submitted, is no longer practicing the engineering profession.
4. Any revision or change in the materials, size, color, manufacturer of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been received (through the filing of a removal application with appropriate fee) and granted by the office.
5. Any of the following shall also be grounds for removal of this Acceptance:
 - a) Unacceptable performance of this product or process.
 - b) Misuse of this Acceptance in an endorsement of any product, for sales, advertising or any other purpose.
6. The Notice of Acceptance number preceded by the words 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 times. The copies need not be sealed by the engineer.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Acceptance contains pages 1, 2, 2(a) through 2(g) and this last page 3.

Items 10, 11 & 12 listed below only apply to glazed products and doors

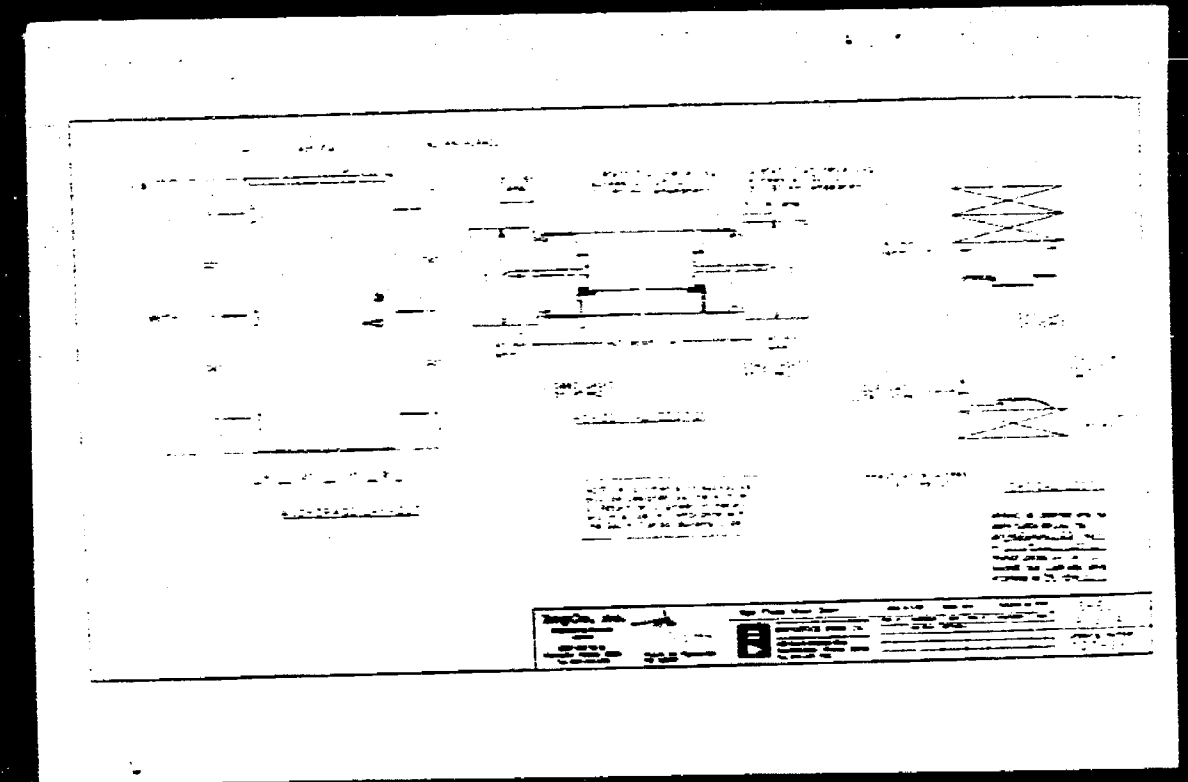
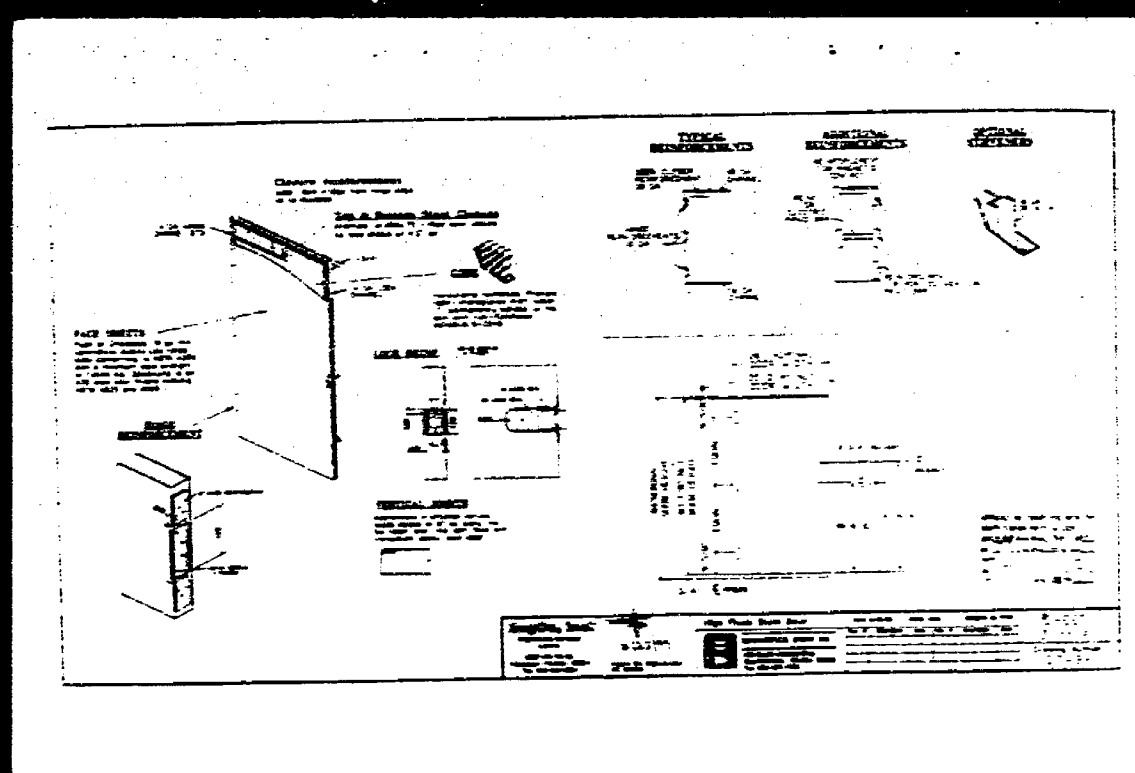
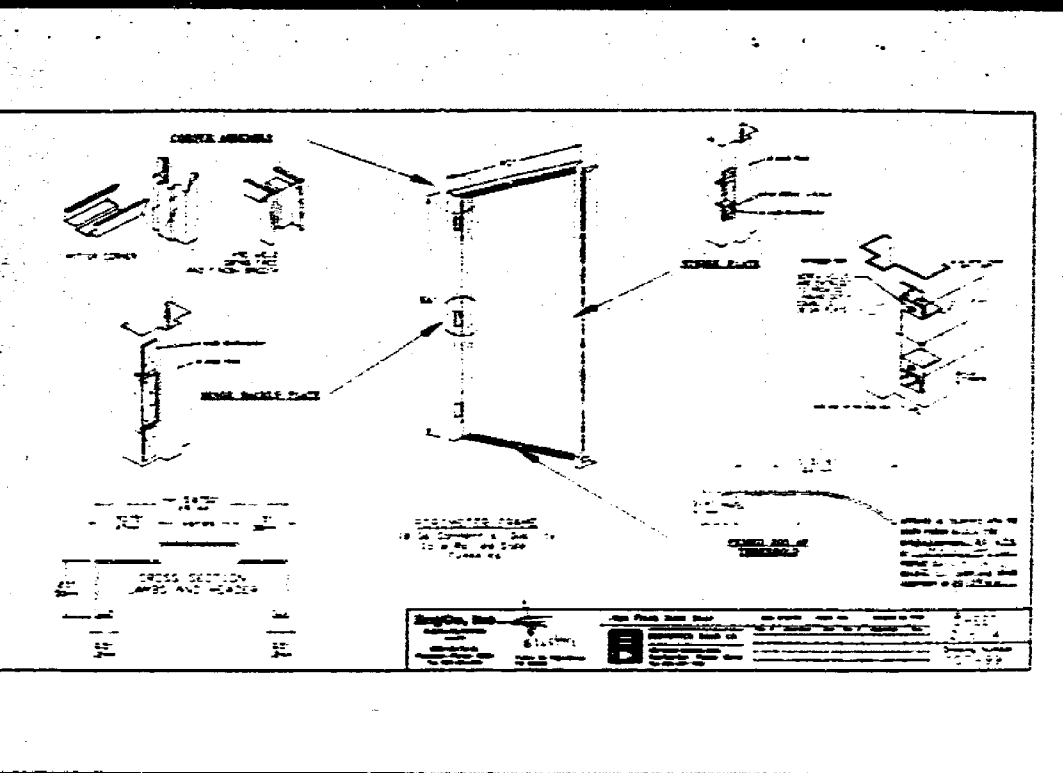
10. Unless specifically indicated in the Acceptance (approval), this unit is approved as a single unit installation. For multiple installations of this unit, a separate Acceptance for each unit is required from the Product Control Section.
11. The spacing of fasteners at window sills shall be as indicated in Section 4 of this Notice of Acceptance. The spacing of fasteners in all other parts of the frame, shall be as indicated in Section 4 of this Notice of Acceptance, but in no case shall exceed 24" on center. The first fastener shall be located at a maximum of 6" from each corner and middle or side. Fasteners shall fully penetrate the block, which shall be the same size as the one tested with the unit. No wood or plastic shims or pins shall be used for anchoring.
12. Hardware for all windows and doors shall conform to Security and Forced Entry Prevention, Chapter 36 of the South Florida Building Code.

END OF THIS ACCEPTANCE

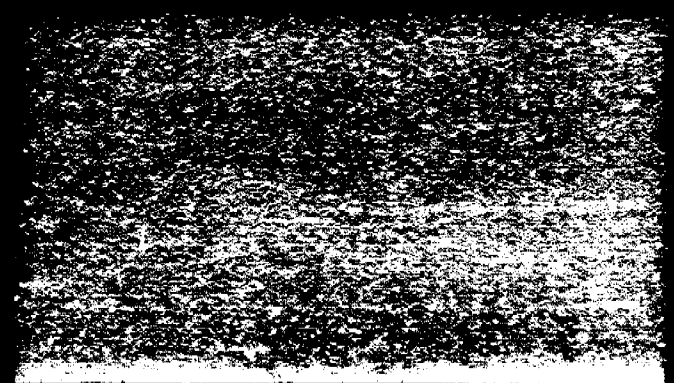
Michael J. ...
 Michael J. ...
 Product Control Division



05



05



HURRICANE ENGINEERING & TESTING INC.
 Large Missile Impact & Cyclic Wind Pressure Test

DATE: 02/27/98
 REPORT NUMBER: HET-98-779
 MANUFACTURER: Bismark Data Company
 TEST LOCATION: Bismark Data Company
 LAB CERTIFICATION NUMBER: 98-0118
 DATE NOTIFICATION NUMBER: 98-0118
 PRODUCT: Bismark Data Company
 PRODUCT SIZE: Sample 1: 10" x 10" x 10"
 PRODUCT DESCRIPTION: 10 GA Inconel Tube
 DRAWING NUMBER: D-1, D-2, D-3, D-4, D-5, D-6, D-7, D-8
 D-9, D-10, D-11, D-12, D-13, D-14, D-15, D-16
 D-17, D-18, D-19, D-20, D-21, D-22, D-23, D-24
 D-25, D-26, D-27, D-28, D-29, D-30, D-31, D-32, D-33, D-34, D-35, D-36, D-37, D-38, D-39, D-40, D-41, D-42, D-43, D-44, D-45, D-46, D-47, D-48, D-49, D-50, D-51, D-52, D-53, D-54, D-55, D-56, D-57, D-58, D-59, D-60, D-61, D-62, D-63, D-64, D-65, D-66, D-67, D-68, D-69, D-70, D-71, D-72, D-73, D-74, D-75, D-76, D-77, D-78, D-79, D-80, D-81, D-82, D-83, D-84, D-85, D-86, D-87, D-88, D-89, D-90, D-91, D-92, D-93, D-94, D-95, D-96, D-97, D-98, D-99, D-100
 DESIGNS/LOADS/IMP: Sample 1: 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1100, 1200, 1300, 1400, 1500, 1600, 1700, 1800, 1900, 2000, 2100, 2200, 2300, 2400, 2500, 2600, 2700, 2800, 2900, 3000, 3100, 3200, 3300, 3400, 3500, 3600, 3700, 3800, 3900, 4000, 4100, 4200, 4300, 4400, 4500, 4600, 4700, 4800, 4900, 5000, 5100, 5200, 5300, 5400, 5500, 5600, 5700, 5800, 5900, 6000, 6100, 6200, 6300, 6400, 6500, 6600, 6700, 6800, 6900, 7000, 7100, 7200, 7300, 7400, 7500, 7600, 7700, 7800, 7900, 8000, 8100, 8200, 8300, 8400, 8500, 8600, 8700, 8800, 8900, 9000, 9100, 9200, 9300, 9400, 9500, 9600, 9700, 9800, 9900, 10000
 NOTE: WITH impact energy in an unimpacted part of the report
 TEST WITNESSED BY: [Signature]
 WITNESSED/ENGINEER: [Signature]

[Signature]
 7/2/98

INSTALLATION DETAIL
 PROPERTY: [Text]
 DESCRIPTION OF UNIT: [Text]
 SERIALS: [Text]
 COMMENTS: [Text]
 MATERIAL CHARACTERISTICS: [Text]
 INSTALLATION: [Text]

[Signature]
 Report No. HET-98-779 p. 24
 7/2/98

TEST RESULTS
IMPACT TEST RESULTS

Location	Velocity (ft/sec)	Maximum Acceleration (g)	See (ft)	Recovery (%)
Center	100	1.0	1.0	100
Corner	100	1.0	1.0	100
Center	100	1.0	1.0	100
Corner	100	1.0	1.0	100

RESULTS OF CYCLIC WIND PRESSURE

Cycles	Pressure (psi)	Excursion (in)	Duration (Sec)	See (in)	Recovery (%)
0-10	1.0	1.0	1.0	1.0	100
10-20	1.0	1.0	1.0	1.0	100
20-30	1.0	1.0	1.0	1.0	100
30-40	1.0	1.0	1.0	1.0	100
40-50	1.0	1.0	1.0	1.0	100
50-60	1.0	1.0	1.0	1.0	100
60-70	1.0	1.0	1.0	1.0	100
70-80	1.0	1.0	1.0	1.0	100
80-90	1.0	1.0	1.0	1.0	100
90-100	1.0	1.0	1.0	1.0	100

[Signature]
 Report No. HET-98-779 p. 24
 7/2/98

05

CONCLUSION

The system was tested in accordance with Florida County Protocol 1-A 204-04 & per 201-04, and the requirements of Southern Building Code section 107.4. The samples were tested and approved in the presence of our staff.

NOTE: The above results were obtained using the designated test methods which address compliance with the performance requirements of the referenced specifications. This report does not constitute certification of the system tests.

Handwritten signature
Dr. Thomas K. Ah
Vice President
IBETS

Handwritten signature
Michele M. Mahan, P.E.
Principal Engineer
7/2/98

Report No. IBETS-98-779 p. 68

MIAMI DADE COUNTY, FLORIDA
METRO-DADCO PLAZA SIX BYE BLDG
BUILDING CODE COMPLIANCE OFFICE
METRO DADCO PLAZA SIX BUILDING
130 WEST PALM BEACH AVENUE, SUITE 1000
MIAMI, FLORIDA 33130-1000
(305) 375-2900 FAX (305) 375-2900

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Brunswick Door Company
400 South Country Boulevard
Deerfield Beach FL 33442

CONTRACT ACTION LICENSING SECTION
(305) 375-2327 FAX (305) 375-2250

CONTRACTING ENFORCEMENT SECTION
(305) 375-2900 FAX (305) 375-2900

PRODUCT CONTROL DIVISION
(305) 275-2902 FAX (305) 275-6150

Your application for Product Approval of
20 ga Flush Overwing Commercial Steel Doors w/ 16ga frames Impact
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 any time from a job site 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. 99-0928.05
Expires: 04/28/2003

Handwritten signature
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.

Handwritten signature
Francisco J. Quintana, P.E.
Director
Miami Dade County
Building Code Compliance Office

Approved: 04/28/2000 1 of 3

Internet mail address: productcontrol@buildingcode.com Telephone: <http://www.buildingcode.com>

Brunswick Door Company

ACCEPTANCE No.: 99-0928.05
APPROVED: APR 28 2000
EXPIRES: APR 28 2003

NOTICE OF ACCEPTANCE - SPECIFIC CONDITIONS

- SCOPE**
 - 1.1 This approval applies to a commercial steel door, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code (SFBC), 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.
- PRODUCT DESCRIPTION**
 - 2.1 The series 20 ga Flush (or Embossed) Overwing Commercial Steel Doors w/ 16ga Frames (Frame): Large Missile Impact Resistant and its components shall be constructed in strict compliance with the following documents: Drawing No 122-99, titled "20ga Flush Steel Door", Sheets 1 through 6 of 6, prepared by Eng'g Co., Inc., dated 09/08/99 and latest revised on 4-4-00, signed and sealed by Pedro De Eguiguredo, 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.
- LIMITATIONS**
 - 3.1 This approval applies to single unit applications of pair of doors and single door only, as shown in approved drawings. Single door units shall include all components described in the active leaf of this approval.
- INSTALLATION**
 - 4.1 The 20ga commercial steel doors and its components shall be installed in strict compliance with the approved drawings.
 - 4.2 Hurricane protection system (shutters) the installation of this unit will not require a hurricane protection system.
- LABELING**
 - 5.1 Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami Dade County Product Control Approved"
- BUILDING PERMIT REQUIREMENTS**
 - 6.1 Application for building permit shall be a component 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.

Handwritten signature
Isaac I. Chanda, P.E. Product Control Examiner
Product Control Division

2 of 3

05

ACCEPTANCE No. 99-0728-05

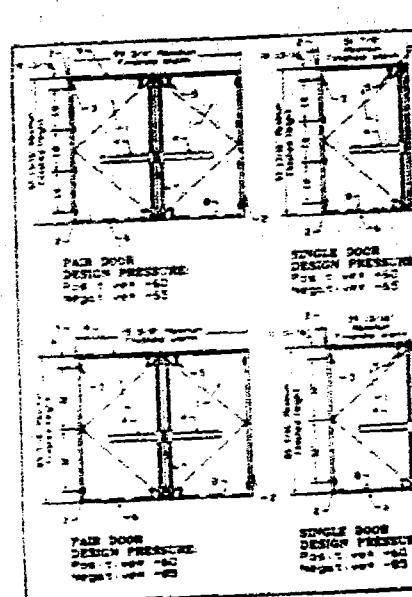
APPROVED APR 2 8 2000

EXPIRES APR 2 8 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 documentation, including test supporting data, engineering documents, and so on other 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. Reservations 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 (material) 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 purpose.
6. The Notice of Acceptance number prescribed by the needs Miami-Dade County, Florida, and followed by the expiration date may be displayed on 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 times. The engineer need not reveal 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

John J. Chanda,
John J. Chanda, P. E., Product Control Engineer
Product Control Division
END OF THIS ACCEPTANCE
3 of 3



GENERAL NOTES

1. SEE: The product shall meet or exceed the Florida Building Code for "Glass in Buildings".

2. **INSTALLATION:** This product is to be installed in accordance with the Florida Building Code for "Glass in Buildings".

3. **REVISIONS:** Any revision to the product shall be submitted to the Product Control Division for review and approval. The manufacturer shall submit a revision application with appropriate fee and supporting documentation.

4. **MAINTENANCE:** The manufacturer shall provide instructions for the proper care and maintenance of the product.

5. **WARRANTY:** The manufacturer shall provide a warranty for the product in accordance with the Florida Building Code for "Glass in Buildings".

6. **TESTING:** The product shall be tested in accordance with the Florida Building Code for "Glass in Buildings".

7. **COMPLIANCE:** The product shall comply with all applicable Florida Building Code requirements.

8. **APPROVAL:** The product shall be approved by the Product Control Division.

9. **EXPIRATION:** The product shall be approved for a period of three (3) years from the date of approval.

10. **RENEWAL:** The product shall be renewed by the manufacturer or its distributor at the end of the approval period.

11. **TERMINATION:** The product shall be terminated if it fails to meet the requirements of this Acceptance.

12. **REMOVAL:** The product shall be removed if it fails to meet the requirements of this Acceptance.

13. **DISCONTINUATION:** The product shall be discontinued if it fails to meet the requirements of this Acceptance.

14. **RECALL:** The manufacturer shall provide a recall procedure for the product.

15. **SALES:** The manufacturer shall provide sales literature for the product.

16. **ADVERTISING:** The manufacturer shall provide advertising literature for the product.

17. **OTHER:** The manufacturer shall provide any other information required by the Product Control Division.

PAIR DOOR DESIGN PRESSURE:
Wind: 150 psf
Rain: 150 psf
Height: 100'-00"

SINGLE DOOR DESIGN PRESSURE:
Wind: 150 psf
Rain: 150 psf
Height: 100'-00"

PAIR DOOR DESIGN PRESSURE:
Wind: 150 psf
Rain: 150 psf
Height: 100'-00"

SINGLE DOOR DESIGN PRESSURE:
Wind: 150 psf
Rain: 150 psf
Height: 100'-00"

WINDLOAD SCHEDULE

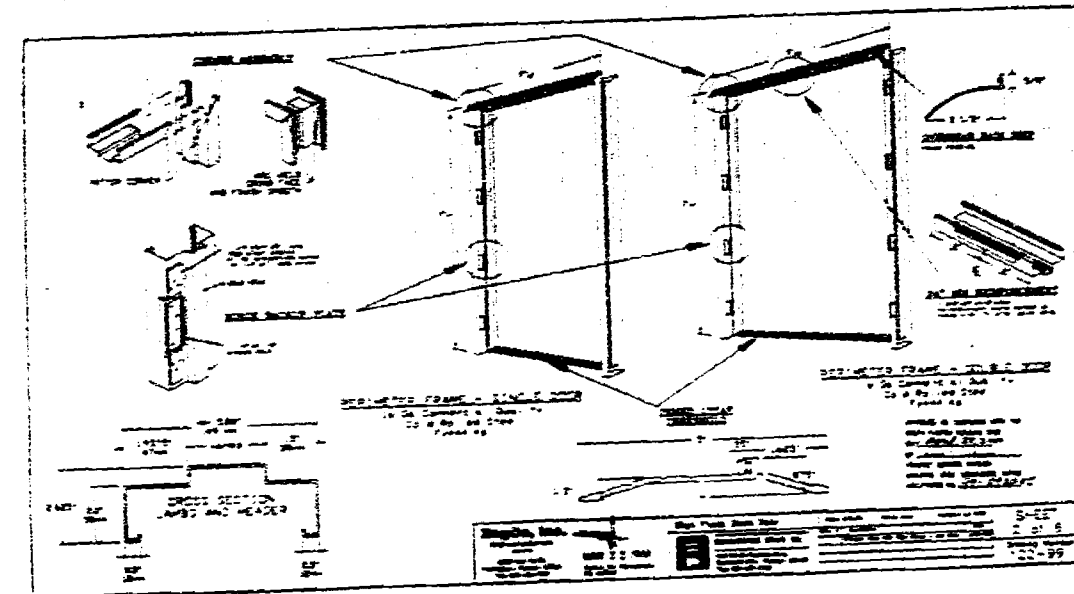
WIND SPEED (mph)	WIND LOAD (psf)
70	15
80	20
90	25
100	30
110	35
120	40
130	45
140	50
150	55
160	60
170	65
180	70
190	75
200	80

REVISIONS

NO.	DESCRIPTION	DATE
1	ISSUED FOR REVIEW	04/02/00
2	APPROVED	04/02/00

APPROVED

John J. Chanda, P. E.
Product Control Division



05

TEST DATE: 01/10/00 Job #: 0073-0101-00 Specimen #: 2 Page #: 1

STRUCTURAL TEST REPORT - SLIDING GLASS DOOR

7.2 Frame Size: The sill was required to be back using a double row of #14 x 2.14-in. S.S. #4200 screws located 3-1/4-in. from each corner and 16-1/2-in. o.c. elsewhere. There are a maximum of 20 screws of 2-1/4-in. total along the entire length of the frame. There are a maximum of 20 #14 x 2.14-in. S.S. #4200 screws located to the back using a single row of #14 x 2.14-in. S.S. #4200 screws 3-1/4-in. from each corner and 16-1/2-in. o.c. elsewhere. There was a maximum of 20 screws of 2-1/4-in. used along the entire length of each frame joint member.

TEST RESULTS

8.0 TEST REQUIREMENTS:

- All test load at 1.57 psi
- An inflation test at 0.24 psi
- Uniform static test at 50% of positive test pressure
- Uniform static test at positive design pressure
- Uniform static test at 50% of negative test pressure
- Uniform static test at negative design pressure
- Water infiltration test at 100% of positive test pressure
- Uniform static test at 100% of positive test pressure
- Uniform static test at 100% of negative test pressure
- Water infiltration test

9.0 AIR INFILTRATION TEST RESULTS:

9.1 TEST DATA:

Test Pressure (psi)	Q (ft ³ /min)	Q (ft ³ /min-ft ²)
1.57	24.21	0.24
0.24	15.98	0.26

9.2 REMARKS:
The air infiltration measured through this specimen is within the allowable limits for this type of product. As such, this sample was found to satisfy the requirements of Miami Code Chapter 19, Florida Building Code and ASHRAE 62-1.

10.0 WATER LEAKAGE TEST RESULTS:

10.1 TEST CONDITIONS:
Test Duration = 14:00 min
Test Pressure = 15.00 psi
Water Rate = 1.70 gpm

10.2 REMARKS:
At the conclusion of the test duration, there was no water observed inside the specimen. The specimen was found to satisfy the requirements of Miami Code Chapter 19, Florida Building Code and ASHRAE 62-1.

ENGINEER OF RECORD
Vincent S. Abraham, P.E.
FL Reg. # 53820

TEST DATE: 01/10/00 Job #: 0073-0101-00 Specimen #: 2 Page #: 7

STRUCTURAL TEST REPORT - SLIDING GLASS DOOR

11.0 UNIFORM STATIC LOAD TEST RESULTS:

11.1 TEST LOAD (P) COMPUTATIONS:
Manufacturer Specified Design Pressure:
Design Acting Design Pressure (P_u) = 94.00 psf
Outward Acting Design Pressure (P_u) = 94.00 psf
Compliance to Equivalent Test Load:
Minimum Inward Acting Test Load (P_u) = 1.50 P_u = 141.00 psf
Maximum Outward Acting Test Load (P_u) = 1.50 P_u = 141.00 psf

11.2 DEFLECTION GAGE LOCATIONS:

11.3 DEFLECTION DATA:

11.3.1 POSITIVE LOAD:

Location	Load (psf)	Deflection (in.)	Permeable Def. (in.)	% Recovery
A	75	1.38	0.19	86.36
B	90	1.75	0.19	89.29
C	141	2.50	0.25	90.00

FOR BUILDING OFFICIALS USE ONLY:
1. THIS REPORT IS VALID FOR THE SPECIFIC PROJECT AND TEST CONDITIONS ONLY.
2. THE BUILDING OFFICIAL IS RESPONSIBLE FOR THE PROPER USE OF THIS REPORT.

ENGINEER OF RECORD
Vincent S. Abraham, P.E.
FL Reg. # 53820

TEST DATE: 01/10/00 Job #: 0073-0101-00 Specimen #: 2 Page #: 1

STRUCTURAL TEST REPORT - SLIDING GLASS DOOR

Hurricane Test Laboratory, Inc.
Miami / Fort Lauderdale / Orlando / Tampa / St. Petersburg / Pensacola / Jacksonville / Tallahassee / Tallahassee / Tallahassee

1.0 NAME OF APPLICANT: CRAWFORD GLASS DOOR COMPANY, INC.
3321 SW 13th Street Suite 8
Deerfield Beach, FL 33441

2.0 CONTACT PERSON: Ralph Crawford
3.0 MTL IDENTIFICATION #: HTL 9905/9906 (Miami Code)

4.0 MTL LAB CERTIFICATION: Miami Code Chapter 19-03(1.04)
500CC (TLSPM)
American Architectural Manufacturers Association (AAMA)
Third Department of Insurance (TDO)

PRODUCT DESCRIPTION

5.0 DESCRIPTION OF TESTED UNIT: Please refer to B at Crawford Glass Door Drawing # 4410 and all accompanying sheets are incorporated into this report by reference.
5.1 Model Designation: CRAWFORD GLASS DOOR MODEL 44 PERFORMANCE II ALUMINUM Sliding Glass Door
5.2 Overall Size: 152 in. (w) x 208 in. (h)
5.3 Configuration: OMD
5.4 No. / Size of Panels:
1 main operable panel @ 48-1/2-in. (w) x 106-5/8-in. (h)
1 fixed operable panel @ 48-1/2-in. (w) x 126-5/8-in. (h)
2 fixed panels @ 48-1/2-in. (w) x 216-5/8-in. (h)

6.0 MATERIAL CHARACTERISTICS:
6.1 Frame Construction: The head member used in this door frame was fabricated from an aluminum alloy 6063-T6 extrusion (CSD Extrusion #223) having cross-sectional dimensions of 2-1/2-in. (deep) x 3-3/8-in. (flange) x 0.290-in. (min. wall thickness). Each jamb member used in this door frame was fabricated from an aluminum alloy 6063-T6 extrusion (CSD Extrusion #223) having cross-sectional dimensions of 1-1/2-in. (flange) x 1-1/2-in. (deep) x 0.290-in. (min. wall thickness). The sill track member used in this door frame was fabricated from an aluminum alloy 6063-T6 extrusion (CSD Extrusion #223) having cross-sectional dimensions of 2-1/2-in. (w) x 4-1/8-in. (deep) x 0.290-in. (min. wall thickness). At each frame corner, horizontal frame member ends were square cut while vertical frame member ends were notched to match the cross-section profile of the head or sill member. At each frame corner, the horizontal and vertical members were bolted together. Please note that there were no mechanical fasteners used in the construction of each corner. Please note there was a continuous aluminum alloy 6063-T6 screen track (CSD Extrusion #263) with overall cross-sectional dimensions of 2-1/2-in. (w) x 2-1/2-in. (h) x 0.290-in. (min. wall thickness) snap applied to the frame sill track member using 1/8-in. dia. screws.

6.2 Glass Construction: The top rail of each 7-ft. x 2-ft. door panel was fabricated from an aluminum alloy 6063-T6 extrusion (CSD Part #401) having cross-sectional dimensions of 1-1/2-in. (flange) x 1-1/2-in. (deep) x 0.290-in. (min. wall thickness). There was also a top rail cap used in each fixed door panel that was fabricated from an aluminum alloy 6063-T6 extrusion (CSD Part #402). Please refer to CSD Drawing #422 for additional cross-sectional details on the top rail cap. The door panel of the sliding glass door panels consisted of an aluminum alloy 6063-T6 extrusion (CSD Part #502) having cross-sectional dimensions of 3-000-in. (flange) x 1-3/8-in. (deep) x 0.290-in. (min. wall thickness). Please refer to CSD Drawing #504 for additional cross-sectional details. The pane used in each fixed panel was fabricated from an aluminum alloy 6063-T6 extrusion (CSD Part #541) having cross-sectional dimensions of 1-5/8-in. (flange) x 1-3/8-in. (deep) x 0.290-in. (min. wall thickness). Please refer to CSD Drawing #504 for additional cross-sectional details. The insulating glass unit in each fixed panel was fabricated from an aluminum alloy 6063-T6 extrusion (CSD Part #421) having cross-sectional dimensions of 2-000-in. (flange) x 1-3/8-in. (deep) x 0.290-in. (min. wall thickness). Please refer to CSD Drawing #422 for additional cross-sectional details. At each fixed panel corner, the glass member was mechanically attached to the bottom rail member using one (1) #12 x 1-1/2-in. cross thread Phillips screws spaced 5 in. (5 in. above the location of the fastener). The glass member was mechanically attached to the bottom rail member at the top rail member using one (1) #12 x 1-1/2-in. cross thread Phillips screws spaced 5 in. (5 in. above the location of the fastener). At each top rail member corner, the glass member was mechanically attached to the top rail member using one (1) #12 x 1-1/2-in. cross thread Phillips screws spaced 5 in. (5 in. above the location of the fastener) and engaged into the screw slots contained in the top rail member at each corner using one (1) #12 x 1-1/2-in. cross thread Phillips screws spaced 5 in. (5 in. above the location of the fastener) and engaged into the screw slots contained in the top rail member. Please refer to CSD Drawing #422, Sheet 2 of 8, Detail A for more information on the location of the fastener. Please note that there was a full width fixed panel used at the bottom rail location of each fixed panel. This fixed panel used an aluminum alloy 6063-T6 extrusion (CSD Part #263).

6.3 Fixed Operable Panel Construction: The top rail of the main operable door panel was fabricated from an aluminum alloy 6063-T6 extrusion (CSD Part #401) having cross-sectional dimensions of 1-5/8-in. (flange) x 1-3/8-in. (deep) x 0.290-in. (min. wall thickness). Please refer to CSD Drawing #422 for additional cross-sectional details. There was also a top rail cap used in each fixed door panel that was fabricated from an aluminum alloy 6063-T6 extrusion (CSD Part #402). Please refer to CSD Drawing #422 for additional cross-sectional details. The door panel of the sliding glass door panels consisted of an aluminum alloy 6063-T6 extrusion (CSD Part #502) having cross-sectional dimensions of 3-000-in. (flange) x 1-3/8-in. (deep) x 0.290-in. (min. wall thickness). Please refer to CSD Drawing #504 for additional cross-sectional details. The pane used in each fixed panel was fabricated from an aluminum alloy 6063-T6 extrusion (CSD Part #541) having cross-sectional dimensions of 1-5/8-in. (flange) x 1-3/8-in. (deep) x 0.290-in. (min. wall thickness). Please refer to CSD Drawing #504 for additional cross-sectional details. The insulating glass unit in each fixed panel was fabricated from an aluminum alloy 6063-T6 extrusion (CSD Part #421) having cross-sectional dimensions of 2-000-in. (flange) x 1-3/8-in. (deep) x 0.290-in. (min. wall thickness). Please refer to CSD Drawing #422 for additional cross-sectional details. At each fixed panel corner, the glass member was mechanically attached to the bottom rail member using one (1) #12 x 1-1/2-in. cross thread Phillips screws spaced 5 in. (5 in. above the location of the fastener). The glass member was mechanically attached to the bottom rail member at the top rail member using one (1) #12 x 1-1/2-in. cross thread Phillips screws spaced 5 in. (5 in. above the location of the fastener) and engaged into the screw slots contained in the top rail member at each corner using one (1) #12 x 1-1/2-in. cross thread Phillips screws spaced 5 in. (5 in. above the location of the fastener) and engaged into the screw slots contained in the top rail member. Please refer to CSD Drawing #422, Sheet 2 of 8, Detail A for more information on the location of the fastener. Please note that there was a full width fixed panel used at the bottom rail location of each fixed panel. This fixed panel used an aluminum alloy 6063-T6 extrusion (CSD Part #263).

ENGINEER OF RECORD
Vincent S. Abraham, P.E.
FL Reg. # 53820

TEST DATE: 01/10/00 Job #: 0073-0101-00 Specimen #: 2 Page #: 2

STRUCTURAL TEST REPORT - SLIDING GLASS DOOR

6.2 Glass Construction: The top rail of each 7-ft. x 2-ft. door panel was fabricated from an aluminum alloy 6063-T6 extrusion (CSD Part #401) having cross-sectional dimensions of 1-1/2-in. (flange) x 1-1/2-in. (deep) x 0.290-in. (min. wall thickness). There was also a top rail cap used in each fixed door panel that was fabricated from an aluminum alloy 6063-T6 extrusion (CSD Part #402). Please refer to CSD Drawing #422 for additional cross-sectional details on the top rail cap. The door panel of the sliding glass door panels consisted of an aluminum alloy 6063-T6 extrusion (CSD Part #502) having cross-sectional dimensions of 3-000-in. (flange) x 1-3/8-in. (deep) x 0.290-in. (min. wall thickness). Please refer to CSD Drawing #504 for additional cross-sectional details. The pane used in each fixed panel was fabricated from an aluminum alloy 6063-T6 extrusion (CSD Part #541) having cross-sectional dimensions of 1-5/8-in. (flange) x 1-3/8-in. (deep) x 0.290-in. (min. wall thickness). Please refer to CSD Drawing #504 for additional cross-sectional details. The insulating glass unit in each fixed panel was fabricated from an aluminum alloy 6063-T6 extrusion (CSD Part #421) having cross-sectional dimensions of 2-000-in. (flange) x 1-3/8-in. (deep) x 0.290-in. (min. wall thickness). Please refer to CSD Drawing #422 for additional cross-sectional details. At each fixed panel corner, the glass member was mechanically attached to the bottom rail member using one (1) #12 x 1-1/2-in. cross thread Phillips screws spaced 5 in. (5 in. above the location of the fastener). The glass member was mechanically attached to the bottom rail member at the top rail member using one (1) #12 x 1-1/2-in. cross thread Phillips screws spaced 5 in. (5 in. above the location of the fastener) and engaged into the screw slots contained in the top rail member at each corner using one (1) #12 x 1-1/2-in. cross thread Phillips screws spaced 5 in. (5 in. above the location of the fastener) and engaged into the screw slots contained in the top rail member. Please refer to CSD Drawing #422, Sheet 2 of 8, Detail A for more information on the location of the fastener. Please note that there was a full width fixed panel used at the bottom rail location of each fixed panel. This fixed panel used an aluminum alloy 6063-T6 extrusion (CSD Part #263).

6.3 Fixed Operable Panel Construction: The top rail of the main operable door panel was fabricated from an aluminum alloy 6063-T6 extrusion (CSD Part #401) having cross-sectional dimensions of 1-5/8-in. (flange) x 1-3/8-in. (deep) x 0.290-in. (min. wall thickness). Please refer to CSD Drawing #422 for additional cross-sectional details. There was also a top rail cap used in each fixed door panel that was fabricated from an aluminum alloy 6063-T6 extrusion (CSD Part #402). Please refer to CSD Drawing #422 for additional cross-sectional details. The door panel of the sliding glass door panels consisted of an aluminum alloy 6063-T6 extrusion (CSD Part #502) having cross-sectional dimensions of 3-000-in. (flange) x 1-3/8-in. (deep) x 0.290-in. (min. wall thickness). Please refer to CSD Drawing #504 for additional cross-sectional details. The pane used in each fixed panel was fabricated from an aluminum alloy 6063-T6 extrusion (CSD Part #541) having cross-sectional dimensions of 1-5/8-in. (flange) x 1-3/8-in. (deep) x 0.290-in. (min. wall thickness). Please refer to CSD Drawing #504 for additional cross-sectional details. The insulating glass unit in each fixed panel was fabricated from an aluminum alloy 6063-T6 extrusion (CSD Part #421) having cross-sectional dimensions of 2-000-in. (flange) x 1-3/8-in. (deep) x 0.290-in. (min. wall thickness). Please refer to CSD Drawing #422 for additional cross-sectional details. At each fixed panel corner, the glass member was mechanically attached to the bottom rail member using one (1) #12 x 1-1/2-in. cross thread Phillips screws spaced 5 in. (5 in. above the location of the fastener). The glass member was mechanically attached to the bottom rail member at the top rail member using one (1) #12 x 1-1/2-in. cross thread Phillips screws spaced 5 in. (5 in. above the location of the fastener) and engaged into the screw slots contained in the top rail member at each corner using one (1) #12 x 1-1/2-in. cross thread Phillips screws spaced 5 in. (5 in. above the location of the fastener) and engaged into the screw slots contained in the top rail member. Please refer to CSD Drawing #422, Sheet 2 of 8, Detail A for more information on the location of the fastener. Please note that there was a full width fixed panel used at the bottom rail location of each fixed panel. This fixed panel used an aluminum alloy 6063-T6 extrusion (CSD Part #263).

ENGINEER OF RECORD
Vincent S. Abraham, P.E.
FL Reg. # 53820

05

ENERGY CALCULATION: "RAIN" AT THE BEACH

Table B-1. Current Data Calculations

Device	Number of Devices	Current per Device	Quantity	Admittance
Lighting	1	1.00	1.00	0.00
Refrigeration	1	0.00	0.00	0.00
Electric Power	1	0.00	0.00	0.00
Water Heating	1	0.00	0.00	0.00
Other	1	0.00	0.00	0.00
Total	5	1.00	1.00	0.00

(Note: Additional data and calculations are present in the original image but are too small to transcribe accurately.)

Single Building Performance Method for Commercial Buildings
ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION
 Florida Department of Community Affairs
 FLA/COM-97 Version 2.2

Form 402A-97

PROJECT NAME: GROOVE JMT RENOVATIONS
 ADDRESS: 3223 28th ST., MIAMI, FL 33133
 OWNER: [Redacted]
 AGENT: [Redacted]

PERMITTING OFFICE:
 MIAMI BEACH
 CLIMATE ZONE: 8
 PERMIT NO.: [Redacted]
 JURISDICTION NO.: 237560

BUILDING TYPE: Restaurant > 100 People
 CONSTRUCTION CONDITION: Existing Building
 DESIGN COMPLETION: 4636
 MAX. TONNAGE OF EQUIPMENT PER SYSTEM: [Redacted] NUMBER OF ZONES: 1

METHOD A	DESIGN	CRITERIA	RESULT
A: WHOLE BUILDING	59.73	100.00	PASSES
PRESCRIPTIVE REQUIREMENTS:			
LIGHTING			PASSES
MECHANICAL			PASSES
PLUMBING			PASSES
ELECTRICAL			PASSES
HEATING EQUIPMENT			PASSES
INSULATION			PASSES
WATER HEATING EQUIPMENT			PASSES

COMPLIANCE CERTIFICATION:
 I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Efficiency Code.
 PREPARED BY: [Signature]
 DATE: [Redacted]

REVIEW OF THE PLANS AND SPECIFICATIONS COVERED BY THIS CALCULATION INDICATES COMPLIANCE WITH THE FLORIDA ENERGY EFFICIENCY CODE. BEFORE CONSTRUCTION IS INSPECTED, THIS BUILDING WILL BE INSPECTED FOR COMPLIANCE IN ACCORDANCE WITH SECTION 553.908, FLORIDA STATUTES.
 BUILDING OFFICIAL: [Redacted]
 DATE: [Redacted]

I hereby certify that the system design is in compliance with the Florida Energy Efficiency Code.
 SYSTEM DESIGNER: [Redacted]
 REGISTRATION/STATE: [Redacted]

05

BUILDING ENVELOPE SYSTEMS

401. GLAZING-ZONE 1
Elevation Type Commercial
North
U SC VLT Shading
C 0.01 0
Total Glass Area in Zone 1 = 0
Gross (Sgft) 0
Area (Sgft) 0

402. WALLS-ZONE 1
Elevation Type 1
North
West 5/8" Stucco/8" CMU/1/4" ISO STW24" OC 0.149 1.4
South AIR CURTAIN WALL 0.149 0.2
West 5/8" Stucco/8" CMU/1/4" ISO STW24" OC 0.149 0.2
Total Wall Area in Zone 1 = 1098
Total Gross Wall Area = 1098
Area (Sgft) 1098

403. DOORS-ZONE 1
Elevation Type 1
North 1-3/8" Wood Door-Solid Core Flush 1
West 1-3/8" Wood Door-Solid Core Flush 1
Total Door Area in Zone 1 = 342
Total Gross Door Area = 342
Area (Sgft) 342

404. ROOFS-ZONE 1
Elevation Type 1
North Conc. Tile/1/2" MD Deck/ND Truss/ 0.39
West 1-3/8" Wood Door-Solid Core Flush 1
Total Roof Area in Zone 1 = 4636
Total Gross Roof Area = 4636
Area (Sgft) 4636

405. FLOORS-ZONE 1
Elevation Type 1
North Slab on Grade/Uninsulated 1
West 1-3/8" Wood Door-Solid Core Flush 1
Total Floor Area in Zone 1 = 4636
Total Gross Floor Area = 4636
Area (Sgft) 4636

406. INFILTRATION
Infiltration Criteria in 406.1 ABCD have been met.
CHECK

MECHANICAL SYSTEMS

407. HVAC load sizing has been performed. (407.1 ABCD)
Type 1
Air Cooled 1 = 65,000 Btu/h
CHECK

408. COOLING SYSTEMS
Type 1
Electric Resistance 2
Ventilation 2
Ventilation Criteria in 408.1 ABCD have been met.
CHECK

409. HEATING SYSTEMS
Type 1
Electric Resistance 2
Ventilation 2
Ventilation Criteria in 409.1 ABCD have been met.
CHECK

410. AIR DISTRIBUTION SYSTEMS
Type 1
CHECK

411. Duct sizing and design have been performed. (411.1 ABCD)
Duct Location Unconditioned Space
Type 1
Air Conditioners
CHECK

412. Testing and balancing will be performed. (412.1 ABCD)
Basic prescriptive requirements in 412.1 ABCD have been met.
CHECK

PLUMBING SYSTEMS

413. PUMPS AND PIPING-ZONE 1
Type 1
Non-circulating
CHECK

414. WATER HEATING SYSTEMS-ZONE 1
Type 1
R-value/in Diameter Thickness Gallons
Efficiency Standby Loss Input Face
89 5 75 35 50
CHECK

ELECTRICAL SYSTEMS

415. ELECTRICAL POWER DISTRIBUTION
Type 1
Metering criteria in 415.1 ABCD have been met.
CHECK

416. MOTORS
Type 1
Motor efficiencies in 416.1 ABCD have been met.
CHECK

417. LIGHTING SYSTEMS-ZONE 1
Type 1
Space Type NO Control Type 1
Bdr/Lounge 1 On/Off
Total Watts for Zone 1 = 13000
Total Area = 4636
Total Area = 15000
CHECK

Lighting criteria in 417.1 ABCD have been met.
CHECK

16. Operation/maintenance manual will be provided to owner. (102.1)
CHECK

RESULTS - COMMERCIAL INDUSTRIAL LEAD CALCULATION

418. MECHANICAL SYSTEMS - COOLING
Type 1
CHECK

419. GLAZING SOLAR HEAT GAIN
Type 1
CHECK

420. TRANSMISSION GAINS
Type 1
CHECK

421. INTERNAL HEAT GAIN
Type 1
CHECK

422. VENTILATION
Type 1
CHECK

423. SUBTOTAL COOLING LOAD FOR ZONE 1
Type 1
CHECK

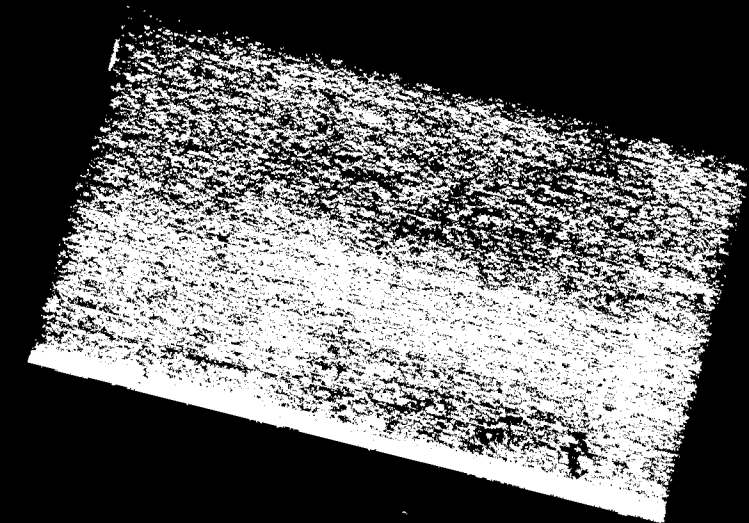
05

16 SUPPLY DUCT HEAT CAPS
 17 COOLING FAN MOTOR
 18 VENTILATION
 19 RETURN AIR LEAD FROM LIGHTING AND ROOF
 20 RETURN AIR LEAD FROM LIGHTING AND ROOF
 21 TOTAL COOLING LOAD ON EQUIPMENT ROOM
 22 HEATING DESIGN TEMPERATURE
 23 TRANSMISSION LOADS
 24 DUCT HEAT LOSS
 25 NET TOTAL HEATING LOAD FOR SPACE
 26 SUPPLY DUCT HEAT LOSS
 27 VENTILATION

Room	Area (sq ft)	Volume (cu ft)	U x A	Q (BTU/hr)	Q (kW)
WALL	1000		0.05	500	0.146
FLOOR	1000		0.10	1000	0.293
CEILING	1000		0.05	500	0.146
GLASS	200		1.00	2000	0.583
DOOR	20		1.00	200	0.058
INFILTRATION		1000		1000	0.293
VENTILATION		1000		1000	0.293
TRANSMISSION				1000	0.293
DUCT HEAT LOSS				1000	0.293
NET TOTAL HEATING LOAD FOR SPACE				1000	0.293
SUPPLY DUCT HEAT LOSS				1000	0.293
VENTILATION				1000	0.293

19 HEATING LOAD FROM LIGHTING AND ROOF
 20 RETURN AIR LEAD FROM LIGHTING AND ROOF
 21 TOTAL HEATING LOAD ON EQUIPMENT ROOM

DATE 11-10-2000
 STRUCTURAL CALCULATIONS
 FOR
 GROOVE JOINT / JOINTS
 ARCHITECT
 TELESCO & ASSOCIATES INC
 BY
 VALENTI & ASSOCIATES INC
 STRUCTURAL ENGINEER
 IRISMANI VAZIRI MS PE
 401 S. WEST 24 COURT
 MIAMI BEACH FL 33134
 305-461-2012



05

TESTING LABORATORIES
QUALITY SERVICES
INSPECTION SERVICES
HOUSTON

DYNATECH ENGINEERING CORP.

Miami, September 27, 2000

Mr. Tom Teleco
TELESCO CONSTRUCTION
9925 East Bay Harbor Drive
Bay Harbor, FL 33154

Re: Proposed Addition @
323-23rd Street
Miami Beach, FL

Dear Mr. Teleco:

Pursuant to your request, DYNATECH ENGINEERING CORP. completed a Subsoil Investigation on September 26, 2000 for the above referenced project. The purpose of our investigation was to verify the subsoil conditions relative to the proposed addition.

A total of (2) standard penetration tests were performed according to ASTM D-1586 down to an average depth of 15' below existing ground surface.

The following graph was developed as a general condition for the subject site. (Refer to field boring logs for exact locations and soil conditions):

Depth	To	Description
0'-0"	0'-0"	Top beach sand
0'-0"	15'-0"	Grayish tan beach sand

Groundwater table elevation was measured immediately at the completion of each boring and found at an average depth of 6'-0" below existing ground surface. Fluctuation in water level should be anticipated due to seasonal variations and run off.

750 West 84 Street, Hialeah, FL 33014-3618 • Phone (305) 828-7499 • Fax (305) 828-9598

Page No. 2
323-23rd Street

Based on our field logs it is our opinion that the existing and proposed structures be designed for a shallow foundation system with a permeable soil bearing pressure not to exceed 3000 P.S.F.

Regardless of the characteristics of a Geotechnical exploration there is always the possibility that conditions may be different from those of the test locations. Therefore, conditions between the bore test holes. The data from soil boring is for foundation analysis only. It is not to be used for excavating or backfilling estimates and pricing.

It has been a pleasure serving you at this phase of your project and look forward to do so in the near future.

Sincerely yours,

W. J. [Signature]
W. J. [Signature], P.E.
DYNATECH ENGINEERING CORP.
Florida Reg. No. 39524
Special Inspector No. 757
WJW/m

TESTING LABORATORIES
QUALITY SERVICES
INSPECTION SERVICES
HOUSTON

DYNATECH ENGINEERING CORP.

TEST BORING REPORT

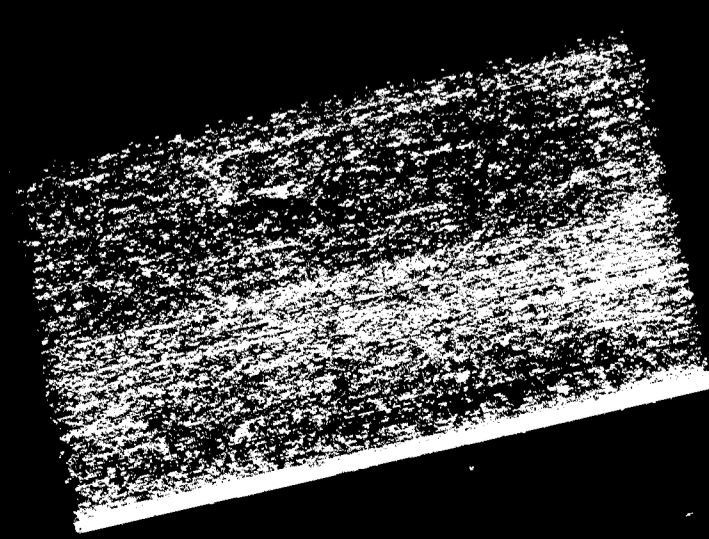
DATE: 09-26-00
BORE NO.: 1
DRILLER: BC & AS

CLIENT : TELESCO CONSTRUCTION CO.
PROJECT : Proposed Addition @
ADDRESS : 323-23rd Street, Miami Beach, FL
LOCATION : See attached plan

DEPTH	DESCRIPTION OF MATERIAL	SAMPLE NUMBER	WATER CONTENT (%)	SHRINKAGE (%)	FLUIDITY
1	0" to 1"	1	6.5	1	1
2	1" to 4"	2	6.7	1	1
3	4" to 6"	3	6.6	1	1
4	6" to 15"	4	6.7	1	1
5		5			
6		6			
7		7			
8		8			
9		9			
10		10			
11		11			
12		12			
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36		36			
37		37			
38		38			

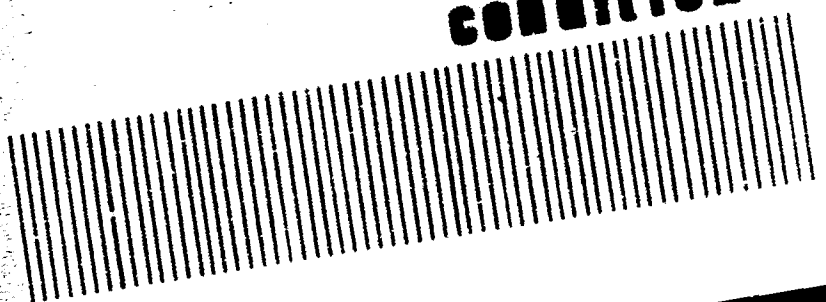
Water Level: 6'-0" Below Surface
750 West 84 Street, Hialeah, FL 33014-3618 • Phone (305) 828-7499 • Fax (305) 828-9598

05



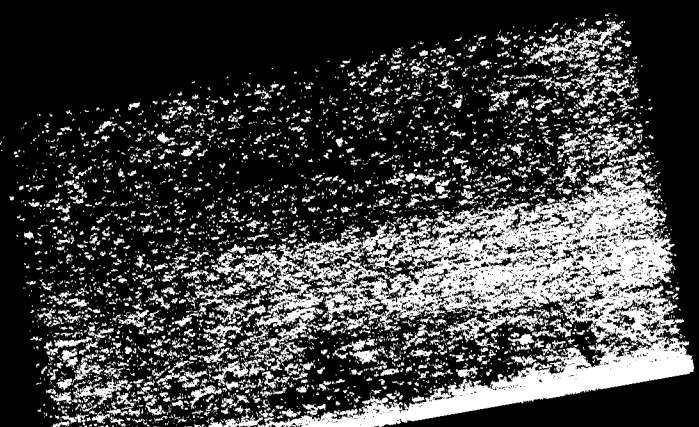
**PREVIOUS
DOCUMENT**

**IS
in poor
condition**



PC 017

05



GEOTECHNICAL
ENVIRONMENTAL
HYDROLOGICAL
SERVICES

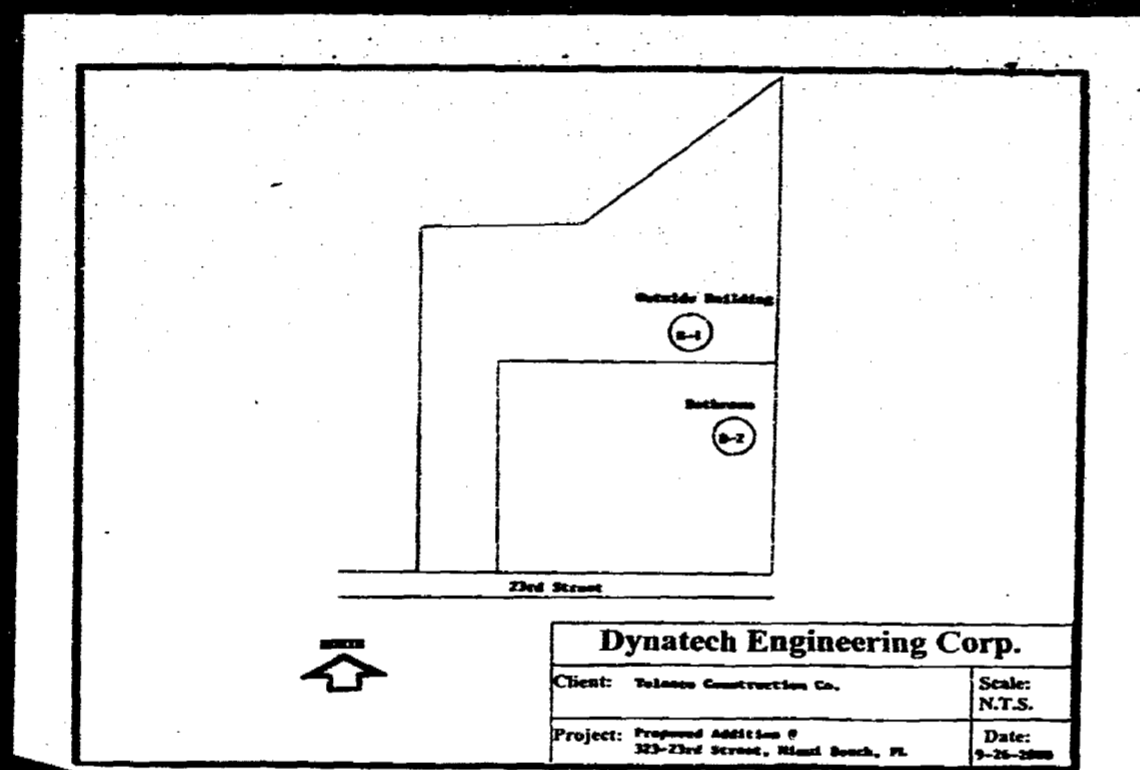
TESTING LABORATORIES
DRILLING SERVICES
INSPECTION SERVICES
ROOFING

DYNATECH ENGINEERING CORP.
TEST BORING REPORT

CLIENT : TELSONO CONSTRUCTION CO. DATE: 09-26-00
PROJECT : Proposed Addition # BOLE NO.: 2
ADDRESS : 323-2nd Street, Miami Beach, FL PERMIT: MC 4 AS
LOCATION : See attached plan

DEPTH (FEET)	SOIL DESCRIPTION	NO. OF BLOWS PER FOOT	NO. OF SAMPLES
0' to 1'	CLAY	2	0
1' to 2'	TOP SAND LENS	4	0
2' to 2'-6"	CLAY	6	0
2'-6" to 3'	TOP SAND LENS	8	0
3' to 3'-6"	CLAY	10	0
3'-6" to 4'	CLAY	12	0
4' to 4'-6"	CLAY	14	0
4'-6" to 5'	CLAY	16	0
5' to 5'-6"	CLAY	18	0
5'-6" to 6'	CLAY	20	0
6' to 6'-6"	CLAY	22	0
6'-6" to 7'	CLAY	24	0
7' to 7'-6"	CLAY	26	0
7'-6" to 8'	CLAY	28	0
8' to 8'-6"	CLAY	30	0
8'-6" to 9'	CLAY	32	0
9' to 9'-6"	CLAY	34	0
9'-6" to 10'	CLAY	36	0
10' to 10'-6"	CLAY	38	0
10'-6" to 11'	CLAY	40	0
11' to 11'-6"	CLAY	42	0
11'-6" to 12'	CLAY	44	0
12' to 12'-6"	CLAY	46	0
12'-6" to 13'	CLAY	48	0
13' to 13'-6"	CLAY	50	0
13'-6" to 14'	CLAY	52	0
14' to 14'-6"	CLAY	54	0
14'-6" to 15'	CLAY	56	0
15' to 15'-6"	CLAY	58	0
15'-6" to 16'	CLAY	60	0
16' to 16'-6"	CLAY	62	0
16'-6" to 17'	CLAY	64	0
17' to 17'-6"	CLAY	66	0
17'-6" to 18'	CLAY	68	0
18' to 18'-6"	CLAY	70	0
18'-6" to 19'	CLAY	72	0
19' to 19'-6"	CLAY	74	0
19'-6" to 20'	CLAY	76	0
20' to 20'-6"	CLAY	78	0
20'-6" to 21'	CLAY	80	0
21' to 21'-6"	CLAY	82	0
21'-6" to 22'	CLAY	84	0
22' to 22'-6"	CLAY	86	0
22'-6" to 23'	CLAY	88	0
23' to 23'-6"	CLAY	90	0
23'-6" to 24'	CLAY	92	0
24' to 24'-6"	CLAY	94	0
24'-6" to 25'	CLAY	96	0
25' to 25'-6"	CLAY	98	0
25'-6" to 26'	CLAY	100	0

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Appendix Drilling Procedures

The borings are conducted in accordance with procedures outlined for standard penetration test and split spoon sampling of soils by ASTM D-1586.

A two (2) foot long, two (2) inch O.D. split spoon sampler was driven into the ground by successive blows with a 140 lbs. hammer dropping thirty (30) inches. The soil sampler was driven (2) at a time, then extracted for visual examination and classification of the retained soil samples.

The number of blows required for one (1) foot penetration of the sampler is designated as "N" (known as the Standard Penetration Resistance Value).

The "N" value provides an indication of the relative density of non cohesive soils and the consistency of cohesive soils.

It is general practice that the sum of the number of blows required for the second and third six (6) inches penetration area added to determine the "N" value. Suitable corrections are applied to this number, in order to include the effects of soil overburden pressure and other factors. A general evaluation of soils is made from the established correlation between "N" and the relative density or consistency of soils.

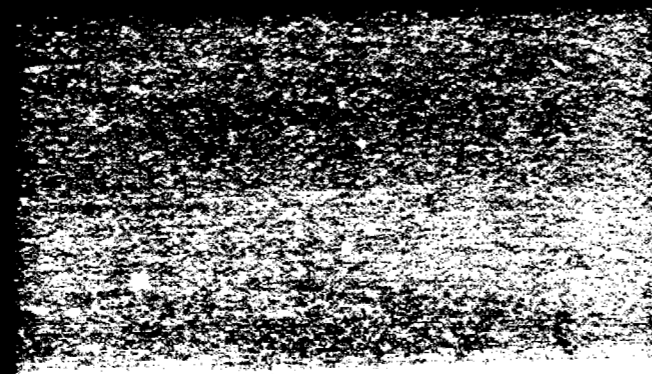
This dynamic method of soil testing has been widely accepted by foundation Engineers and Architects, to conservatively evaluate the bearing capacity of soils.

A continuous drilling and sampling procedure was used. Therefore the samples were taken at intervals of two (2) feet, or at every change in soil characteristics.

Prepared by:
W. Naamani
Wissam Naamani, P.E.
DYNATECH ENGINEERING CORP.

750 West 84 Street, Hialeah, FL 33014-3618 • Phone (305) 828-7999 • Fax (305) 828-9598

05



DYNATECH ENGINEERING CORP.
P.O. BOX 13888
TALLAHASSEE, FLORIDA 32311-0388
PHONE (904) 628-4118

SOIL CLASSIFICATION AND TESTING

CONNECTIONS OF PORTLAND CEMENTS WITH RELATIVE QUALITY AND CONSISTENCY

SOIL	DESCRIPTION	Penetration (lb/in ²)	Penetration (lb/in ²)	Relative Density
SOFT	Soft when worked with hand	0-15	0-4	Very Loose
MEDIUM	Can be broken apart with your hands	15-30	5-10	Loose
MODERATELY	Thin edges of rock core can be broken with fingers	30-60	10-20	Fluffy
STIFF	Thin edges of rock core cannot be broken with fingers	60-120	20-50	Very Fluffy
VERY STIFF	Rock core stays when struck with a hammer (chisel)	Over 120	31-50	Dense

MOISTURE

MOISTURE	MOISTURE	MOISTURE
20 to 25%	Slightly Silty or Slightly Clayey	Moisture 22 to 25%
25 to 30%	Silty or Clayey	Moisture 25 to 30%
30 to 50%	Very Silty or Very Clayey	Moisture 30 to 50%

FOUNDATION DATA

FOUNDATION DATA	FOUNDATION DATA	FOUNDATION DATA
Moisture 22 to 25%	Moisture 25 to 30%	Moisture 30 to 50%
Moisture 22 to 25%	Moisture 25 to 30%	Moisture 30 to 50%
Moisture 22 to 25%	Moisture 25 to 30%	Moisture 30 to 50%

REMARKS: - Wind Forces on Buildings as per ASCE 7-16
Version 1.1 - 01/11/95 - CS.1
Copyright, © 1994, INTERNATIONAL
New Berlin, PA 22422 (407) 394-1277

REPORT DATA: DRAWING: 8-CORNER
DATE: 11-7-1999 TIME: 11:36-42

WIND SPEED CALCULATIONS FOR CORNER ZONE PRESSURE

WIND DATA

The building and structure classification category is 1
The structure is 1.5 miles from hurricane coastline
The exposure factor is 1.000

The basic wind speed, in mph: 120.00
The exposure category is C

Structure dimensions:
Rear roof height, (FT.): 15.00
Note: Since slope is 18, eave height is used in calculations instead of rear roof height.
S (FT.): 115.00
S (FT.): 22.00
Slope of the roof, (DEGREES): 18
Eave height, (FT.): 15.00
Truss span, (FT.): 27.00
Truss spacing, (FT.): 9.00
Truss overhang, (FT.): 0.00

WIND PRESSURE RESISTING SYSTEM

WIND PRESSURE COEFFICIENTS

The wind pressure coefficients are:
Windward wall: .90
Leeward wall: -.70
Side wall: -.70

Side wall pressure, (PSF): -22.66

WIND PRESSURE COEFFICIENTS FOR ROOF

The roof pressure coefficients are:
Windward roof: -.85
Leeward roof: -.75
Side roof: -.70

SPECIAL CASE:
When 200 lbs/sq ft and 8.3 psf/ft² are used:
The windward roof pressure, including negative and positive internal pressure, (PSF): -18.82 -22.48
The leeward roof pressure, including negative and positive internal pressure, (PSF): -18.82 -22.48
The total horizontal force from the roof, (LBS): 41.96

The windward roof pressure including negative internal pressure: -16.47
The windward roof pressure including positive internal pressure: -20.12
The leeward roof pressure including negative internal pressure: -18.46
The leeward roof pressure including positive internal pressure: -22.06

WIND PRESSURE COEFFICIENTS FOR WALLS

The wall pressure coefficients are:
Windward wall: -.70
Leeward wall: -.70

The windward roof pressure including negative internal pressure: -18.46
The windward roof pressure including positive internal pressure: -22.06
The leeward roof pressure including negative internal pressure: -18.46
The leeward roof pressure including positive internal pressure: -22.06

WIND PRESSURE COEFFICIENTS FOR WALLS

The wind pressure coefficients are:

WIND DIRECTION	WIND PRESSURE COEFFICIENT	WIND PRESSURE COEFFICIENT	WIND PRESSURE COEFFICIENT	WIND PRESSURE COEFFICIENT
15.00	27.31	22.00	22.00	4.00
15.00	27.31	22.00	22.00	4.00
14.00	27.31	22.00	22.00	4.00
13.00	27.31	22.00	22.00	4.00
12.00	27.31	22.00	22.00	4.00
11.00	27.31	22.00	22.00	4.00
10.00	27.31	22.00	22.00	4.00
9.00	27.31	22.00	22.00	4.00
8.00	27.31	22.00	22.00	4.00
7.00	27.31	22.00	22.00	4.00
6.00	27.31	22.00	22.00	4.00
5.00	27.31	22.00	22.00	4.00
4.00	27.31	22.00	22.00	4.00
3.00	27.31	22.00	22.00	4.00
2.00	27.31	22.00	22.00	4.00
1.00	27.31	22.00	22.00	4.00
0.00	27.31	22.00	22.00	4.00

The windward roof pressure including negative internal pressure: -18.46
The windward roof pressure including positive internal pressure: -22.06
The leeward roof pressure including negative internal pressure: -18.46
The leeward roof pressure including positive internal pressure: -22.06

05

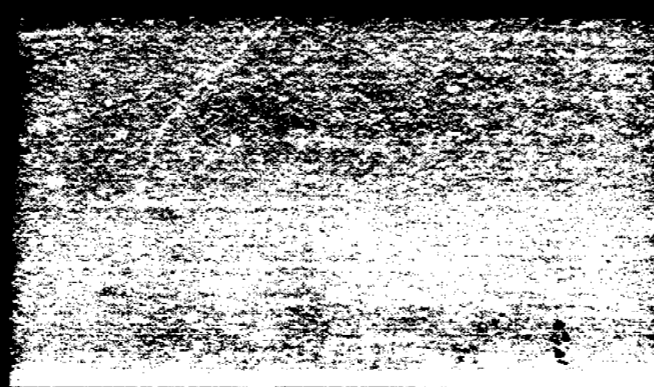
The four possible wall pressures are: (PSP) : 23.28 20.92 -49.30 -25.60
 Zone 4
 The positive GCPs with positive and negative internal pressures are: 1.33 1.43
 The negative GCPs with positive and negative internal pressures are: -1.56 -1.80
 The four possible wall pressures are: (PSP) : 22.50 20.52 -42.06 -20.40
 WALL COMPONENTS/CLASSIFICATION # 4
 The wall pressures are based on a tributary area of 20.00 sq.ft.
 Zone 5
 The positive GCPs with positive and negative internal pressures are: 1.05 1.55
 The negative GCPs with positive and negative internal pressures are: -2.87 -3.37
 The four possible wall pressures are: (PSP) : 20.00 42.33 -24.54 -42.80
 Zone 4
 The positive GCPs with positive and negative internal pressures are: 1.05 1.55
 The negative GCPs with positive and negative internal pressures are: -1.90 -1.13
 The four possible wall pressures are: (PSP) : 20.00 42.33 -45.97 -21.42
 WALL COMPONENTS/CLASSIFICATION # 5
 The wall pressures are based on a tributary area of 15.00 sq.ft.
 Zone 5
 The positive GCPs with positive and negative internal pressures are: 1.10 1.60
 The negative GCPs with positive and negative internal pressures are: -2.16 -1.80
 The four possible wall pressures are: (PSP) : 20.00 42.70 -20.00 -42.24
 Zone 4
 The positive GCPs with positive and negative internal pressures are: 1.10 1.60
 The negative GCPs with positive and negative internal pressures are: -1.70 -1.30
 The four possible wall pressures are: (PSP) : 20.00 42.70 -40.42 -22.77
 ***** ROOF COMPONENTS/CLASSIFICATION *****
 NO INPUT FOR AREA OF ROOF COMPONENTS/CLASSIFICATION IN THIS RUN
 Use of WINDY, COPYRIGHT 1994 WINDSOFT INC.

The four possible wall pressures are: (PSP) : 23.28 20.92 -49.30 -25.60
 Zone 4
 The positive GCPs with positive and negative internal pressures are: 1.33 1.43
 The negative GCPs with positive and negative internal pressures are: -1.56 -1.80
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 ***** ROOF COMPONENTS/CLASSIFICATION *****
 NO INPUT FOR AREA OF ROOF COMPONENTS/CLASSIFICATION IN THIS RUN
 Use of WINDY, COPYRIGHT 1994 WINDSOFT INC.

WINDSOFT INC.
 WINDY 95 07-07-1990
 Run Time 23 21:04:45

WINDSOFT, INC. - Wind Forces on Buildings as per ASCE7-95
 Version 9.1 - 07/12/95 - 02.1
 Copyright (C) 1994, WINDSOFT INC.
 New Britain, Pa. 22422
 User 051074
 Input Data Filename: s.prower.txt
 DATE: 00-09-1999 TIME: 16:46:2
 PROJECT: NEW LAMB CALCULATIONS FOR GIBBY JET PROJECT
 ***** INPUT DATA *****
 The building and structure classification category is 1
 The structure is 1.1 miles from hurricane coastline.
 The Importance Factor is 1.000
 The basic wind speed, in mph: 110.00
 The exposure category is C
 *** Structure Dimensions ***
 Mean roof height, (FT): 15.00
 Note: Since theta < 10, mean height is used in computations instead of user input mean roof height
 L (FT): 115.00
 B (FT): 27.00
 Slope of the roof, (DEGREES): 00
 Rise height, (FT): 15.00
 Truss span, (FT): 27.00
 Truss spacing, (FT): 2.00
 Truss overhang, (FT): .00

05



PERMANENT COEFFICIENTS ARE:

Windward SDF: 0.00
 Leeward SDF: 0.00
 S: 0.00

ALL PRESSURES (PSF): -22.00

PERMANENT COEFFICIENTS ARE:

Windward SDF: 0.00
 Leeward SDF: 0.00
 S: 0.00

ALL PRESSURES (PSF): -22.00

PERMANENT COEFFICIENTS ARE:

Windward SDF: 0.00
 Leeward SDF: 0.00
 S: 0.00

ALL PRESSURES (PSF): -22.00

WIND CORRECTING PRESSURE VALUES

WIND DIRECTION	WIND SPEED (MPH)	WIND PRESSURE (PSF)	WIND PRESSURE (PSF)	WIND PRESSURE (PSF)
0	15	0.00	0.00	0.00
15	15	0.00	0.00	0.00
30	15	0.00	0.00	0.00
45	15	0.00	0.00	0.00
60	15	0.00	0.00	0.00
75	15	0.00	0.00	0.00
90	15	0.00	0.00	0.00
105	15	0.00	0.00	0.00
120	15	0.00	0.00	0.00
135	15	0.00	0.00	0.00
150	15	0.00	0.00	0.00
165	15	0.00	0.00	0.00
180	15	0.00	0.00	0.00
195	15	0.00	0.00	0.00
210	15	0.00	0.00	0.00
225	15	0.00	0.00	0.00
240	15	0.00	0.00	0.00
255	15	0.00	0.00	0.00
270	15	0.00	0.00	0.00
285	15	0.00	0.00	0.00
300	15	0.00	0.00	0.00
315	15	0.00	0.00	0.00
330	15	0.00	0.00	0.00
345	15	0.00	0.00	0.00
360	15	0.00	0.00	0.00

WIND CORRECTING PRESSURE VALUES

The wind speed length, z , in feet: 3.75
 The q value (PSF): 27.21

WIND CORRECTING PRESSURE VALUES

The wind pressures are based on a tributary area of 30.00 sq. ft.

WIND CORRECTING PRESSURE VALUES

The wind pressures are based on a tributary area of 30.00 sq. ft.

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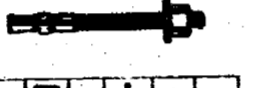
05

1950-1951 Year Book

Table 1: Statistical Data

Year	1943	1944	1945	1946	1947	1948	1949	1950	1951
...

Truss Wedge



RESEARCH, TESTS, DATA, CONCLUSIONS, DESIGN USE, ADVISORY NOTES

Material	Grade	Size	Length	Weight	...
...

DESIGN METHOD

The design method presented in this publication has been prepared by the Oregon Forest Research Corps. A commercial form of this wedge method and values have been designed through a long and extensive series of tests, some conducted in the Oregon Forest Research Station, some by the United States Forest Service Laboratory, and some by the Oregon Forest Research Corps.

A commercial form of this wedge method and values have been designed through a long and extensive series of tests, some conducted in the Oregon Forest Research Station, some by the United States Forest Service Laboratory, and some by the Oregon Forest Research Corps.

For more detailed applications, Table 2 may be shown with cutting. If design values are higher than those shown in the table, required making may call for substituted by principles of mechanics using allowable load values and appropriate adjustments for load, width of bearing member, and end spacing, or see table in the Appendix.

TABLE 1

...
...

WOOD FASTENINGS

TABLE 2: NAILS AND SPIRES - LATERAL LOAD DESIGN VALUES

Design values for lateral loads, based on the yield and ultimate strengths of the fasteners, and on the design of the wood members, and on the design of the wood members, and on the design of the wood members.

Fastener
...

05

TABLE 20 - DESIGN VALUES FOR USUALLY GRAINED SOFTWOOD PINE DIMENSION LUMBER
(Tabular design values for wet and dry service conditions, unless specified otherwise. See NDS 2.4 for a comprehensive description of design value adjustment factors. SEE WITH TABLE 10 ADJUSTMENT FACTORS.)

Species	Grade	Design Values for normally-grained softwood pine						
		F _b	E	F _v	F _t	F _c	F _{cp}	F _{cm}
Loblolly Shortleaf	1	1200	1.1	120	120	120	120	120
	2	1000	1.1	100	100	100	100	100
Longleaf	1	1200	1.1	120	120	120	120	120
	2	1000	1.1	100	100	100	100	100
Slash Pine	1	1200	1.1	120	120	120	120	120
	2	1000	1.1	100	100	100	100	100
White Pine	1	1200	1.1	120	120	120	120	120
	2	1000	1.1	100	100	100	100	100
Yellow Pine	1	1200	1.1	120	120	120	120	120
	2	1000	1.1	100	100	100	100	100

WOOD FASTENINGS

2.2.5.1 For any intermediate thickness of plate member, the location in design value shall be determined by straight-line interpolation. The provisions in 2.2.5.1 are particularly apply to the center member in a three member joint.

2.2.5.2 For nails or bolts in double plates with plate thicknesses of least 2/3 inch thick, the design values may be doubled for nails not exceeding 1 1/2 in. in diameter and bolts not exceeding 1 1/2 in. in diameter and in which the nail or bolt extends at least three diameters beyond the plate member and is checked, except threaded, hardened steel nails need not be checked.

2.2.5.3 When properly designed metal plate members are used, the design values given in 2.2.5.1 may be increased 25 percent.

2.2.5.4 For nails and bolts used in a diaphragm connection the lateral load design values, adjusted or provided in 2.2.2, may be increased 50 percent.

2.2.5.5 When connected members are made of lumber from different moisture content groups, the design values shall be based on the higher moisture content group in Table 2.1A.

2.2.5.6 Lateral Resistance in End Grain

The design value in lateral resistance for a nail or bolt driven in the end grain specified in 2.2.5.1 shall be 25 percent of that given in 2.2.5.1.

2.2.5.7 Toe-Nails

2.2.5.7.1 Design values in withdrawal for toe-nails joints, for all conditions of assembly, shall not exceed 25 percent of the withdrawal design values given in Table 2.1A. These values need not be further reduced for conditions of wood or member condition, but are subject to all other adjustment factors.

2.2.5.7.2 The design value in lateral load for a

TABLE 20B - DESIGN VALUES FOR USUALLY GRAINED SOFTWOOD PINE DIMENSION LUMBER

Species	Grade	Design Values for normally-grained softwood pine						
		F _b	E	F _v	F _t	F _c	F _{cp}	F _{cm}
Loblolly Shortleaf	1	1200	1.1	120	120	120	120	120
	2	1000	1.1	100	100	100	100	100
Longleaf	1	1200	1.1	120	120	120	120	120
	2	1000	1.1	100	100	100	100	100
Slash Pine	1	1200	1.1	120	120	120	120	120
	2	1000	1.1	100	100	100	100	100
White Pine	1	1200	1.1	120	120	120	120	120
	2	1000	1.1	100	100	100	100	100
Yellow Pine	1	1200	1.1	120	120	120	120	120
	2	1000	1.1	100	100	100	100	100

05

RAIN

INDEX OF DRAWINGS

GN-1	GENERAL NOTES	S-1	FOUNDATION PLAN & SCHEDULES
GN-2	GENERAL NOTES	S-2	ROOF REPLACEMENT PLAN
A-1	PROJECT DATA	S-3	TYPICAL SECTIONS & DETAILS
A-2	SITE PLAN & SURVEY	S-4	TYPICAL SECTIONS & DETAILS
A-3	FLOOR PLAN	S-5	COLUMN DETAILS
A-4	REFLECTED CEILING PLAN	P-1	PLUMBING
A-5	EXTERIOR ELEVATIONS	P-1	PLUMBING
A-6	WALL SECTIONS	M-1	MECHANICAL
A-7	INTERIOR ELEVATIONS	E-1	ELECTRICAL
A-8	BAR DETAILS	E-2	ELECTRICAL
A-9	FURNITURE/FIRE PLAN & SCHEDULE		

TELESCO
ASSOCIATES
260 15TH STREET, SUITE 223
MIAMI BEACH, FL 33139
TEL: 305 866 1214
FAX: 305 866 1217
www.telesco.com
LICENSE # 14258

RENOVATION PERMIT
PROJECT FEE NOT REQUIRED
EXPIRES: REMODELING
DEC 29 2000
MIAMI-DADE COUNTY
APPROVED: [Signature]

~~OFFICE COPY
CITY OF MIAMI BEACH
APPROVED FOR PERMITTING BY:~~

~~OFFICE COPY~~

Health Dept
Details of
Plan of E-2
Submitted
See attached
pages 5-8

12/21/00
11/15/00

APPROVED
12/21/00

FOR BUILDING PERMIT
APPLICANT'S RESPONSIBILITY
I, THE APPLICANT, HEREBY
CERTIFY THAT THE INFORMATION
AND DRAWINGS SUBMITTED
HEREON ARE TRUE AND CORRECT
TO THE BEST OF MY KNOWLEDGE
AND BELIEF, AND THAT I AM
NOT PROVIDING ANY INFORMATION
OR DRAWINGS THAT ARE
FALSE OR MISLEADING.

RAIN
Various Renovations
323 23rd Street
Miami Beach, FL 33139

PROJECT NO. 00-00
DRAWN BY TT
DATE 07/00
REV/S ONG

W. J. [Signature]
11-15-00

Index
of
Drawings

I-1

DRAWING No. 1 OF 22

05

GENERAL NOTES

DEFINITION

10 The Contractor is the person or entity identified as such in the Agreement and is referred to throughout the Contract Documents as "Contractor" or "Contractors". The term "Contractor" means the Contractor or the Contractor's authorized representative.

REVIEW OF CONTRACT DOCUMENTS AND FIELD CONDITIONS BY CONTRACTOR

- 20 The Contractor shall carefully study and compare the Contract Documents with each other and with information furnished by the Owner and shall as soon as possible report to the Architect any discrepancies or omissions discovered prior to submitting his bid. If the Contractor performs any construction activity involving an error, inconsistency or omission in the Contract Documents without such notice to the Architect, the Contractor shall assume appropriate amount of the increase in cost for correction.
- 30 The Contractor shall take field measurements and verify field conditions and shall carefully compare such field measurements and conditions and other information known to the Contractor with the Contract Documents before commencing activities. Errors, inconsistencies or omissions discovered shall be reported to the Architect at once. The Contractor shall have full access to all drawings and specifications of the project.
- 40 Contractor shall verify equipment size/weight location and a hook-up requirements with equipment suppliers and shall make field adjustments as required to comply with equipment supplier and all codes, and shall report such changes as soon as to the Architect.
- 50 The Contractor shall perform the work in accordance with the Contract Documents and submittals approved through shop drawing process.
- 60 For zoning and site data, existing conditions, building structure etc. refer to original Architectural drawings prepared by the "A" and "S" project architectural firm.
- 70 Contractor shall comply with all requirements of the Land and other agencies and shall indemnify the Owner in any costs resulting from actions of the Contractor or its agents.

SUPERVISION AND CONSTRUCTION PROCEDURES

- 80 The Contractor shall supervise and direct the work, using the Contractor's best skill and attention. The Contractor shall be solely responsible for and have control over construction means, methods, techniques, sequences and procedures and for coordinating all portions of the work under the Contract, unless Contract Documents give other specific instructions concerning these matters.
- 90 The Contractor shall be responsible to the Owner for acts and omission of the Contractor's employees, Subcontractors and their agents and employees, and other persons performing portions of the work under a contract with the Contractor.
- 100 The Contractor shall not be relieved of obligations to complete the work in accordance with the Contract Documents either by acts or omissions of the Architect in the Architect's administration of the Contract or by laws, regulations or approvals required or permitted by persons other than the Contractor.

110 The Contractor shall be responsible for inspection of portions of work already performed under the Contract to determine that such portions are in proper condition to receive subsequent work.

LABOR AND MATERIALS

- 120 Unless otherwise provided in the Contract Documents, the Contractor shall provide and pay for labor, materials, equipment, tools, construction equipment and machinery, water, heat, utilities, transportation and other facilities and services necessary for proper execution and completion of the work, whether temporary or permanent and whether or not incorporated or to be incorporated in the work.

130 The Contractor shall enforce strict discipline and good order among the Contractor's employees and other persons carrying out the Contract. The Contractor shall not permit employment of J.E.I. persons or persons not suited in tasks assigned to them.

140 All materials furnished on the job site shall be new and stored in such a manner as to protect them from the elements. All work must be done in strict accordance with the best practices of the construction trade, and must be performed in a professional and workmanlike manner. Any work completed in a non-professional manner shall be rejected and must be redone by the Contractor at no extra cost. Trade Drawings or instruments of construction and remain the property of the Architect. Any reproduction of said drawings without the expressed written consent of the Architect is prohibited. Do not scale these drawings as written dimensions and text specifications on these sheets are governing.

150 The Contractor must provide and install materials as required to construct temporary facilities and codes required for ratings shall be the standard for these temporary facilities and practices.

WARRANTY

160 The Contractor warrants to the Owner and Architect that materials and equipment furnished under the Contractor shall be of good quality and new unless otherwise required or permitted by the Contract Documents; that the work will be free from defects not inherent in the quality of materials or permitted, and that the work will conform with the requirements of the Contract Documents. Work not conforming to these requirements, including but not limited to, work not properly approved and authorized, may be considered defective. The Contractor warrants, excludes remedy for damage or defect caused by abuse, modifications not intended by the Contractor, improper or negligent maintenance, improper operation, or removal and tear under normal usage. If determined by the Architect, the Contractor shall furnish satisfactory remedy on the work and equipment of materials and equipment.

TAXES

170 The Contractor shall pay all taxes, fees and penalties for the work or portions thereof provided by the contractor or its agents except when such are assessed or negotiated or collected without the contractor's effect or remedy, scheduled to go into effect.

PERMITS, FEES AND NOTES

180 Unless otherwise provided in the Contract Documents the Contractor shall secure and pay for all required building permits and other governing agencies permits and governmental fees, licenses and inspections necessary for proper execution and completion of the work, which are customarily secured after execution of the Contract and which are legally required, when bills are received or negotiations concluded. The work shall be done before commencing work.

190 The Contractor shall comply with and give notice required by laws, ordinances, rules, regulations and lawful orders of public authorities bearing on performance of the work.

200 If the Contractor observes that portions of the Contract Documents are in variance with laws, the Contractor shall promptly notify the Architect and Owner in writing and necessary changes shall be accomplished by appropriate modifications.

210 If the Contractor performs work knowing it to be contrary to laws, statutes, ordinances, building codes, and rules and regulations without such notice to the Architect and Owner, the Contractor shall assume full responsibility for such work and shall bear the attributable costs.

220 All work shall conform with the latest requirements of the South Florida Building Code, National Electric Code, National Fire Protection Association, OSHA, and all other codes having control over the project.

230 All work performed under the Contract shall comply with National, State and local codes having jurisdiction and with the requirements of the ability companies whose services shall be used. All modifications required by these codes shall be made by the contractor without any additional charge as the contractor has agreed that they have raised any and all questions relative to the authorities requirements.

240 Coordinate all new electrical services with existing services and panels and with Florida Power and Light Company. Location of sanitary and power mains before construction is started. Contractor shall verify all utility conditions prior to beginning construction and shall notify the Architect immediately if any discrepancies occur.

250 Refer all soil bearings to soil engineer/laboratory (use modified proctor, ASTM D-1587). Compaction to be verified by soil engineer/laboratory in writing.

260 Refer to structural engineer for all structural details.

270 The contractor, when required, shall provide all necessary framing and bracing above the finished ceiling and main walls. All overhangs through the ceiling must be carried to the structure above.

280 The contractor shall be responsible for all temporary utilities, connection and payment of all utility charges incurred during construction.

ALLOWANCES

290 The Contractor shall include in the Contract Sum all allowances stated in the Contract Documents. Items covered by allowances shall be supplied for such amounts and by such persons or entities as the Owner may direct, but the Contractor shall not be required to employ persons or entities against which the Contractor has made responsible objection to.

300 Unless otherwise provided in the Contract Documents:

1. material and equipment under an allowance shall be selected promptly by the Owner to avoid delay in the work.
2. allowances shall cover the cost to the Contractor of materials and equipment delivered at the site and all required taxes, less applicable trade discounts.
3. contractor's costs for unloading and handling at the site, labor, installation costs, overhead, profits and other expenses included in the Contract Sum and not in the allowance.
4. whenever costs are more than or less than allowances the Contract Sum shall be adjusted accordingly by Change Order.

SUPERINTENDENT

310 The Contractor shall employ a competent superintendent and necessary assistants who shall be in attendance at the project site during performance of the work. The superintendent shall be as binding as if given to the Contractor. Important communications shall be confirmed in writing. Other communications shall be confirmed by written request in each case.

CONTRACTOR'S CONSTRUCTION SCHEDULES

320 The Contractor, promptly after being awarded the Contract, shall prepare and submit for the Owner's and Architect's information a Contractor's construction schedule for the work. The schedule shall not exceed the time limits current under the Contract Documents, shall be reviewed at appropriate intervals as required by the conditions of the work and project, shall be revised to the entire project to the extent required by the Contract Documents, and shall provide for expeditious and practicable execution of the work.

330 The Contractor shall prepare and keep current, for the Architect's approval, a schedule of submittals which is coordinated with the Contractor's construction schedule and allow the Architect reasonable time to review submittals.

340 The Contractor shall confirm the most recent schedules.

DOCUMENTS AND SAMPLES AT THE SITE

350 The Contractor shall maintain at the site for the Owner one record copy of the Drawings, Specifications, Addenda, Change Orders and other Modifications, in good order and manner. These shall be available to the Architect and shall be delivered to the Architect for submittal to the Owner upon completion of the work.

SHOP DRAWINGS, PRODUCT DATA AND SAMPLES

360 Shop Drawings are drawings, diagrams, schedules and other data specially prepared for the work by the Contractor or a Subcontractor, manufacturer, supplier or distributor to illustrate some portions of the work.

370 Product Data are illustrations, standard schedules, performance charts, instructions, brochures, diagrams and other information furnished by the Contractor to illustrate materials or equipment for some portion of the work.

380 Samples are physical examples which illustrate materials, equipment or workmanship and establish standards by which the work will be judged.

390 Shop Drawings, Product Data, Samples and similar submittals are not Contract Documents. The purpose of their submittal is to demonstrate for those portions of the work for which submittals are required that the Contractor proposes to conform to the information given and the design concept expressed in the Contract Documents.

400 The Contractor shall review, approve and submit to the Architect Shop Drawings, Product Data, Samples and similar submittals in legible triplicate required by the Contract Documents with reasonable promptness and in such sequence as to cause no delay in the work or in the activities of the Owner or of separate contractors. Submittals made by the contractor which are not required by the Contract Documents may be returned without action.

410 The Contractor shall perform no portions of the work requiring submittal until the respective submittal has been approved by the Architect. Such work shall be in accordance with approval submittals.

420 By approving and submitting Shop Drawings, Product Data, Samples and similar submittals, the Contractor represents that the Contractor has determined and verified materials, field measurements and field construction criteria related thereto, or will do so, and has checked and coordinated the information contained within such submittals with the requirements of the work and of the Contract Documents.

430 The Contractor shall not be relieved of responsibility for deviations from requirements of the Contract Documents by the Architect's approval of Shop Drawings, Product Data, Samples or similar submittals unless the Contractor has specifically informed the Architect in writing of such deviation at the time of the submittal and the Architect has given written approval to the specified deviation. The Contractor shall not be relieved of responsibility for errors or omissions in Shop Drawings, Product Data, Samples or similar submittals by the Architect's approval thereof.

440 The Contractor shall direct specific attention, in writing or on resubmitted Shop Drawings, Product Data, Samples or similar submittals, to revisions other than those requested by the Architect on previous submittals.

450 Informational submittals such which the Architect is not expected to take responsive actions may be so identified in the Contract Documents.

460 When professional certification of performance criteria of materials, systems or equipment is required by the Contract Documents, the Architect shall be entitled to rely upon the accuracy and completeness of such calculations and certifications.

USE OF SITE

470 The contractor shall confine operations of the site to areas permitted by law, ordinances, permits and the Contract Documents and shall not unnecessarily obstruct the site with materials or equipment.

CUTTING AND PATCHING

480 The Contractor shall be responsible for cutting, fitting or patching required to complete the work or to make its parts fit together properly.

490 The Contractor shall not damage or endanger a portion of the work or fully or partially completed construction of the Owner or separate contractors by cutting, patching or otherwise altering such construction, or by encroachment. The Contractor shall not cut or otherwise alter such construction by the Owner or a separate contractor except with written consent of the Owner and of such separate contractor, such consent shall not be unreasonably withheld. The Contractor shall not unreasonably withhold from the Owner or a separate contractor the Contractor's consent to cutting or otherwise altering the work.

CLEANING UP

500 The Contractor shall keep the premises and surroundings area free from accumulation of waste materials or rubbish caused by operations daily under the contract. At completion of the work the Contractor shall remove from and about the project waste materials, rubbish, Contractor's tools, construction equipment, machinery and surplus materials.

510 The Contractor shall be responsible for all protection of outside work with respect to adjacent properties, such that no trash, dirt or other fire particulate materials will encroach on said adjacent properties. Any costs associated with such protection will be borne by the Contractor.

520 The Contractor shall present the building owner for acceptance, clean and ready for occupancy. All glass shall be clean and polished. Floors swept and exterior areas vacuumed, fixtures washed with all labels removed and exterior areas free from trash and debris.

530 If the contractor fails to clean up as provided in the Contract Documents, the Owner may do so and the cost thereof shall be charged to the Contractor.

ACCESS TO WORK

540 The Contractor shall provide the Owner and Architect access to the work in operation and progress wherever located.

ROYALTIES AND PATENTS

550 The Contractor shall pay all royalties and license fees. The Contractor shall defend suits or claims for infringement of patent rights and shall hold the Owner and Architect harmless from loss on account thereof, but shall not be responsible for such defense or loss when a particular design process or product of a particular manufacturer or manufacturer is required by the Contract Documents. However, if the Contractor has reason to believe that the required design process or product is an infringement of a patent, the Contractor shall be responsible for such loss unless such information is promptly furnished to the Architect.

FOR BUILDING PERMIT
DATE OF SUBMITTAL APPROVAL: _____
BUILDING PERMIT NO.: _____
OFFICE OF THE BUILDING OFFICIAL
CITY OF MIAMI BEACH, FLORIDA
DATE OF REVIEW: _____
BY: _____
TITLE: _____
DATE OF REVIEW: _____
BY: _____
TITLE: _____

INDEMNIFICATION

- 560 To the fullest extent permitted by law, the Contractor shall indemnify and hold harmless the Owner, Architect, Architect's consultants, and agents and employees of any of them from and against claim, damages, losses and expenses, including cost of defense, attorneys' fees, arising out of or resulting from performance of the work, provided that such claim, damage, loss or expense is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the work itself) resulting from or caused in whole or in part by negligent acts or omissions of the Contractor or a Subcontractor, or any directly or indirectly employed by them or anyone for whose acts they may be liable, regardless of whether or not such claim, damage, loss or expense is caused in part by a party not identified hereunder. Such obligation shall not be construed to negate, abrogate, or reduce other rights or obligations of indemnity which would otherwise exist.
- 570 In claims against any person or entity indemnified hereunder by an employee of the Contractor, a Subcontractor, anyone directly or indirectly employed by them or anyone for whose acts they may be liable, the indemnification obligation shall not be limited by a limitation on amount or type of damage, compensation or benefit payable by or for the Contractor or a Subcontractor under workers' or nonworkers' compensation acts, disability benefits acts or other employee benefit acts.
- 580 The obligations of the Contractor shall not extend to the liability of the Architect, the Architect's consultants, and agents and employees of any of them arising out of (1) the preparation or approval of maps, drawings, or surveys, Change Orders, design or specifications or (2) the giving of or failure to give directions or instructions by the Architect, the Architect's consultants, and agents and employees of any of them provided the giving of or failure to give is the primary cause of the injury or damage.
- 590 Written dimensions govern; the Contractor shall not scale plans.
- 600 The General Contractor must submit full sets of bid documents to all trades. The trades on bids must include an item of information on the Contract Documents.
- 610 The Standard Form of Agreement between Owner and Contractor (AIA) Document A-101 of the American Institute of Architects, 1987 Edition, shall apply to all work executed under this agreement, together with the General and Supplementary Conditions of the Contract for Construction (AIA) Doc. A201 and A201.3C of the American Institute of Architects, Thirteenth Edition.

INFORMATION AND SERVICES REQUIRED OF THE OWNER

- 620 The Owner is the person or entity identified as such in the Agreement and is referred to throughout the Contract Documents as "Owner". The term "Owner" means the Owner or Owner's authorized representative.
- 630 The Owner upon reasonable written request shall furnish to the Contractor in writing information on which it is necessary and reasonable for the Contractor to evaluate, give notice of or enforce its contractor's lien rights. Such information shall include: a correct statement of the record legal title to property on which the project is located, usually referred to as the site, and the Owner's interests therein at the time of the request; and a correct statement of any change in any charge information of such change in title, recorded or unrecorded.
- 640 The Owner shall furnish surveys describing physical characteristics, legal limitations and utility locations for a portion of the Project, and a legal description of the site.
- 650 Except for permits and fees which are the responsibility of the Contractor under the Contract Documents, the Owner shall secure and pay for necessary approvals, consents, assessments and charges required for construction, use or occupancy of permanent structures or for permanent changes in existing facilities.
- 660 Information or services under the Owner's control shall be furnished by the Owner with reasonable promptness to avoid a delay in orderly progress of the work.
- 670 Unless otherwise provided in the Contract Documents, the Contractor will be furnished free of charge up to five copies of Drawings and Project Manuals as are reasonably necessary for execution of the work.
- 680 The foregoing are in addition to other duties and responsibilities of the Owner enumerated herein and especially those in respect to Special Conditions.

OWNER'S RIGHTS TO STOP THE WORK

690 If the Contractor fails to correct work which is not in accordance with the requirements of the Contract Documents or persistently fails to carry out work and act in accordance with the Contract Documents, the Owner by written order signed personally or by an agent specifically so empowered by the Owner in writing may order the Contractor to stop the work or any portion thereof until the cause of such order has been eliminated; however, the right of the Owner to stop work shall not give rise to a delay of the part of the Owner to exercise this right for the benefit of the Contractor or any other person or entity.

OWNER'S RIGHT TO CARRY OUT THE WORK

700 If the Contractor defaults or neglects to carry out the work in accordance with the Contract Documents and fails within a seven day period after receipt of written notice from the Owner to commence and continue completion of such default or neglect with diligence and promptness, the Owner may after such ten day period give the Contractor a second written notice to correct such deficiencies within a second seven day period. If the Contractor within such second seven day period does not correct such deficiencies, the Owner may without prejudice to other remedies the Owner may have, correct such deficiencies, if such case an appropriate Change Order shall be issued deducting from payments then or thereafter due the Contractor the cost of correcting such deficiencies and expenses made necessary by such default, neglect or failure. Such action by the Owner and amounts charged to the Contractor are both subject to prior approval of the Architect. If payments then or thereafter due the Contractor are not sufficient to cover such amounts, the Contractor shall pay the difference to the Owner.

TELESCO ASSOCIATES
280 95TH STREET, SUITE 203
SUNRISE, FL 33354
TEL: 305 864 1014
FAX: 305 865 3317
www.teleco-assoc.com
LICENSE # AA288

RAIN Various Renovations
323 23rd Street
Miami Beach, FL 33139

PROJECT NO: 00-50
DATE: 01-00

REVISIONS

General Notes
GN-1

DRAWING No. 2 OF 22



STRUCTURAL NOTES

CONCRETE

- A. All concrete shall be regular weight and shall attain compressive strength of 3000 PSI in 28 days.
- B. Concrete Clear Cover:

Columns:	50" to stirrups (O.G.N.)
Beams:	50" to stirrups (O.G.N.)
Grade Beams:	50" to stirrups (O.G.N.)
- C. Slabs & walls not exposed to the weather: 2" to rebar
- D. Slabs & walls exposed to the weather: 1.5"
- E. Foundations: 3.0"
- F. Columns exposed to soil: 3.0"

REINFORCING STEEL

- A. All reinforcing steel shall be of new sheet steel conforming to the latest ASTM A63 grade 60 specifications. For cast in place concrete in accordance with manual of standard practice of the A.C.I. and placed in accordance with A.C.I. 308. Manual of standard practice and the local code.
- B. Shop drawings shall be prepared in accordance with A.C.I. 308-03, and be submitted to engineer for approval prior to fabrication.
- C. Provide dowels from foundations/grade beams to match rebar spacing above.

STRUCTURAL STEEL

- A. All structural steel shall be ASTM-36 designation having minimum yield point of 36,000 PSI unless otherwise noted. All structural tube steel shall be with minimum yield point of 46,000 PSI.
- B. All the fabrication and erection of structural steel shall be in accordance with the A.I.S.C. specifications, and S.F.B.C. Chapter 28.
- C. All connections of steel to steel shall be in accordance with A.I.S.C. specifications and to be welded unless otherwise noted. Steel fabricator, to be responsible for proper erection of structural steel (erection notes).
- D. All structural steel shall have one shop coat of rust-inhibitive paint zinc or equivalent. All exterior steel will be factory hot dipped galvanized (G.D.N.).
- E. All anchor bolts to be A-325 unless otherwise noted.
- F. All welding shall conform to section 4 of the AWS and section 122.8 specification for fabric and erection of structural steel. All welds shall be performed by Florida Certified Welders and inspected and certified by the erector. Certification shall be submitted to the architect/engineer. All welding electrodes shall conform to the manufacturer's specifications. All welding electrodes shall conform to the A.I.S.C. specifications. Inlets shall have one coat of rust-inhibitive paint.
- G. Shop drawings shall be submitted to engineer for approval prior to fabrication.

MASONRY

- A. All masonry will conform to S.F.B.C. Chapter 27 and other applicable codes.
- B. Concrete masonry units shall have a nominal thickness of 8" (two cells) 8" x 8" x 16" and shall conform to ASTM C-90. The 7-day strength shall be not less than 1200 PSI.
- C. Mortar shall conform to ASTM C-270 type S with compressive strength of not less than 1800 PSI.
- D. All D.W.-shall shall be provided at every second course unless otherwise noted. Where concrete courses are cast before masonry one lead, covered slot with anchors. D.W.-shall shall be provided. Cells adjacent to opening and free ends of wall and reinforced cells shall be filled with grout which shall be fresh black concrete with a compressive strength in 28 days of not less than 3000 PSI. Grout shall be placed in maximum lifts of 4'-0", allow 30 to 40 minutes between lifts. Hold top grout 15' below cast course of block for that lift. Mechanical vibrator is required.
- E. Masonry shall be laid up per running bond method.

WOOD

- A. All wood work shall conform to chapter 27 of the South Florida Building Code and other applicable codes.
- B. All wood members shall have a minimum moisture content of 18% and be labeled with the construction grade.
- C. Sides: Southern pine standard
- D. Beams and Joists: Southern Pine No. 1 (O.G.N.)

E=3,000,000 P.S.I.	✓
F=1,700 P.S.I.	✓
F=90 P.S.I.	✓
- E. Wood Trusses: Per wood truss company's requirements
- F. Nailing: Per South Florida Building Code, the IBC Code and manufacturer's published criteria (I.B.C.)
- G. Wood Joist: By wood joist company

E=2,000,000	PSI	✓
F=1,200	PSI	✓
F=285	PSI	✓
- H. Wood joist company and wood truss company shall provide all connections, and bracing which are not specified on the drawings.

SAFETY

- A. The General Contractor and various consultants retained by the General Contractor and subcontractors are responsible for compliance with the safety requirements of all local, state and Federal laws. The Architect/Engineer shall not be responsible for construction means, methods, techniques or procedures, or the safety precautions inherent therein.
- B. Provide all required shoring and bracing and other required methods to ensure safety and proper execution of work.
- C. The design, erection and removal of formwork including shoring and bracing shall meet the specifications of A.C.I. 304 and recommendations of A.C.I. 347, latest editions.

FOUNDATIONS

- A. Footing shall bear on soil having bearing capacity of 1800 PSI according to the recommendations and specifications of the "bearing Capacity Laboratory, Inc." or equal report.

PLUMBING NOTES

- 1. Contractor shall furnish all labor, materials and equipment shown or indicated for a complete plumbing system in accordance with these drawings and with the South Florida Building Code.
- 2. Materials shall conform to the standards prescribed in the South Florida Building Code. When required, plumbing contractor shall obtain approval prior to installation.
 - A. All sanitary waste and vent piping and fittings within the building shall be service weight cast iron, schedule 40 plastic or PVC, copper or galvanized steel pipe. Piping in exposed areas, such as lavatory, P-traps, shall be chrome-plated stainless steel.
 - B. All air conditioning condensate piping and fitting shall PVC or Drex (ASTM-D 2682). Provide flexible isolation at cooling source and each floor main line.
 - C. Hot and cold water piping lines shall be copper (ASTM B360) type "K" for underground, type "D" hard copper with wrought copper sweat fittings. Provide electric coverings, as required for connection to different materials and shut off valves at fixtures and equipment receiving water supply. Joints will have lead free solder and be made with paste flux and mechanically secured before soldering. Provide flexible isolation between main lines.
 - D. Insulate for noise and condensation on hot water lines with 1/2" minimum fiberglass with self-sealing universal jacket. Piping shall be insulated in all critical and common areas, as to prevent the possible occurrence of structure-borne or other noise and damaging condensation. All pipes will have insulation inside the hangers, supports in order to prevent noise transference to structure.
 - E. Plumbing fixtures American Standard, Kohler, Crane or equal.
 - F. Floor and roof drains Johnson or equal, and will be Dade County approved.
 - G. Electrical water heaters, gas lines 5 years guarantee A.O.Smith or equal.
 - H. Valves 150 PSI Knap Scott or equal. Contractor to provide gate or ball valves for piping 2" and smaller.
 - I. Hose bibbs Chicago #52 or equal (key operated).
 - J. All exposed piping of fixtures and equipment shall be chrome plated. Provide chrome-plated escutcheons as required.
 - K. Provide pitch pans and lead flashing as required at all roof penetrations to roofing contractor.
 - L. Provide hangers, anchors and inserts where required. Contractor will install as many as needed in order to coordinate with other trades within contract.
 - M. Vacuum breakers of back flow preventers approved by the South Florida Building Code shall be installed in all fixtures having breaked hose bibb connections and at other locations specified in the South Florida Building Code.
 - N. Provide P.D.I. approved water hammer arresters in the piping as may be required to accomplish noiseless operation of the system under all operating conditions.

- 3. Provide all excavation, backfill and compaction required by the plumbing work. Protect waterproofing as required.
- 4. Building drainage system design based on 1/8" per foot minimum fall, any deviation shall be approved by the architect and the engineer.
- 5. Contractor to provide 1" minimum water pipe capped at every electrical switch gear room or meter room to be used as ground.
- 6. All valves to be installed in precast concrete boxes, Brooks or equivalent.

- 7. Provide access panels of required size and type as required for access to all clean outs, valve trays, meter basins, etc. Access panels and covers shall be approved by the Architect. Provide stainless steel finish in wet areas.
- 8. Contractor shall verify the exact location of all equipment and their corresponding shop drawings before rough-in.
- 9. Contractor shall coordinate his work with all trades in order to avoid conflict. No changes will be accepted unless a prior written request is made and approved has been issued from the architect/engineer.
- 10. Contractor shall coordinate his work with corresponding utility companies in order to verify in-situ conditions, meter locations, etc.
- 11. All floor drains shall be recessed.
- 12. Comply with chapter 5, item 9 of the South Florida Building Code.
- 13. Underground storm drainage pipe shall be concrete culvert pipe, vitrified clay pipe, or as specified on plans. Contractors will provide water tight connections throughout roof storm drainage systems.
- 14. Complete systems, fixtures and equipment shall be given service test after completion of the installation. The Owner will be notified in writing of such test.
- 15. All cutting and patching that may be necessary for the installation of the system specified shall be done and repaired by this division under the direction and to the satisfaction of the Architect.
- 16. Perform the following test:
 - A. Water piping shall be subjected to hydrostatic pressure test of 100 PSI for a period of time sufficient to examine the entire system, but not less than one hour.
 - B. Drainage piping before the installation of any drains, the ends of the system shall be capped and all lines filled with water to the highest point and allowed to stand 24 hours to inspect for leaks and water level remains constant.
 - C. Correct all defects dictated by the above tests.
- 17. Sealize all water lines with a mixture of (1) two pounds of chlorinated lime to each 1000 gallons of water (50 PPH of available chlorine) retain mixture in pipes 24 hours and flush through with potable water before clearing and service. After all tests have been made and the system pronounced safe and satisfactory, the Contractor shall go over all his work and check equipment fixtures, piping, etc., and leave clean and in complete working order at final completion of the project.
- 18. Provide contractor shall include all requirements for the heating, storage and control of the domestic hot water for the areas indicated. Water heaters shall be UL code listed and stamped and shall comply with ASHRAE 90-90 standard by low efficiency. ASHRAE relief valve shall be 1/2" and its outside dimensions shall be at least 2" greater than that of the water heater on all sides. A pan drain shall be provided in accordance with the South Florida Building Code.
- 19. Plumbing contractor shall guarantee that all plumbing work shall be free from defects of materials and workmanship for a period of one year, from day of final acceptance, and that he will, at his expense, repair and replace all work which become defective during guarantee period. This includes other materials and finishes which may be affected by said defective work.

GENERAL NOTES FOR AIR CONDITIONING

- 1. Ductwork shall be 1/2" thick unless otherwise specified, 3 pounds per cubic foot density fiberglass with vapor barrier. Ductwork shall be fabricated and installed in accordance with manufacturer's specifications and according to ASHRAE and SMACNA standards.
- 2. Duct dimensions are in inches and correspond to inside dimensions, with a height. Duct system shall comply with NFPA standards no. 90A and/or 90B. Ductwork and components shall be class I materials in accordance with UL 90 tests.
- 3. Coordinate locations, sizes and openings with other trades on the job before commencing any and all new work. A/C contractor shall provide the complete duct system with burning vents at all elbow spurs, dampers, pressure dampers, scoop collars, as required to meet the South Florida Building Code.
- 4. Diffusers and grilles shall be selected, located and balanced in order that they deliver the required CFM to the entire room evenly and draft free to maintain the following design conditions:

INSIDE	OUTSIDE	RELATIVE HUMIDITY
Cooling-70°F	91 DB - 74 WB	50% to 60%
Heating-72°F	45 DB	

- 5. Contractor to provide 1" minimum water pipe capped at every electrical switch gear room or meter room to be used as ground.
- 6. All valves to be installed in precast concrete boxes, Brooks or equivalent.

- 4. All fan units, motors, compressors, etc. shall be selected, as required to operate quietly so that no objectionable sound will be heard in the habitable spaces due to or from noisy motor run, vibration, or mechanical movement.
- 5. A/C system shall have dehumidifier or filters located as required for easy accessibility.
- 6. A/C system shall be controlled by a thermostat. Mount thermostat 5' above finished floor O.G.N.
- 7. All grilles and diffusers to be aluminum construction unless otherwise noted. Diffusers shall have recessed opposed blade dampers. Provide grilles on all grilles and diffusers.
- 8. Undercut doors A.F.T. as indicated.
- 9. All refrigerant piping shall be copper - hard drawn type L - ACR type, dehydrated and sealed or tubing shall be wrought copper. All lines shall be made with high temperature brazing alloy of not less than 55% silver. Piping insulation not less than 3/4" thick "Armofoam". Liquid and suction lines shall be sized according to equipment manufacturer's recommendation for equivalent length of piping run for corrected tonnage. All piping shall be a distance per good piping practice before start-up. Provide 1/2" larger and tight gas on liquid line if applicable.
- 10. All ventilation ductwork shall be sheetmetal and shop fabricated installed according to cut order of SMACNA/ASHRAE for low pressure duct system. Flex ducts to be UL approved. Provide Master 32 - 50 at sheetmetal duct connections. Provide non-combustible ductwork at all fire rated wall penetrations.
- 11. The contractor shall coordinate his work with other trades. If any conflict with the requirements is found notify architect/engineer before proceeding with work.

ELECTRICAL SPECIFICATIONS

- 1. All materials and/or equipment shall bear the label of the Underwriters Laboratories and shall be tested and approved by the local code enforcing authority. They shall conform to the latest NEMA standards and standards of the IEEE and IES.
- 2. The work shall comply with the latest applicable requirements of the National Electrical Code and local codes governing the installation of a minimum standard of specifications listed here. Where a higher standard is required, the contractor shall provide the same.

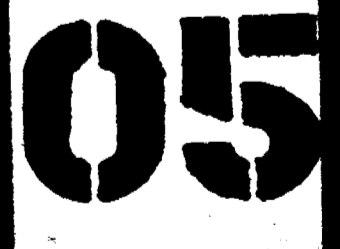
TELESCO ASSOCIATES
 251 15TH STREET, SUITE 210
 MIAMI BEACH, FL 33154
 TEL: 305.866.1074
 FAX: 305.866.1077
 WWW: TELESCO-DESIGN.COM
 LICENSE # 14 2884

RAIN
 Various Renovations
 323 23rd Street
 Miami Beach, FL 33139

APPROVED FOR BUILDING PERMIT
 DATE: 01/00
 DRAWN BY: [Signature]
 REVISED: [Signature]
 [Signature] 11/12/00

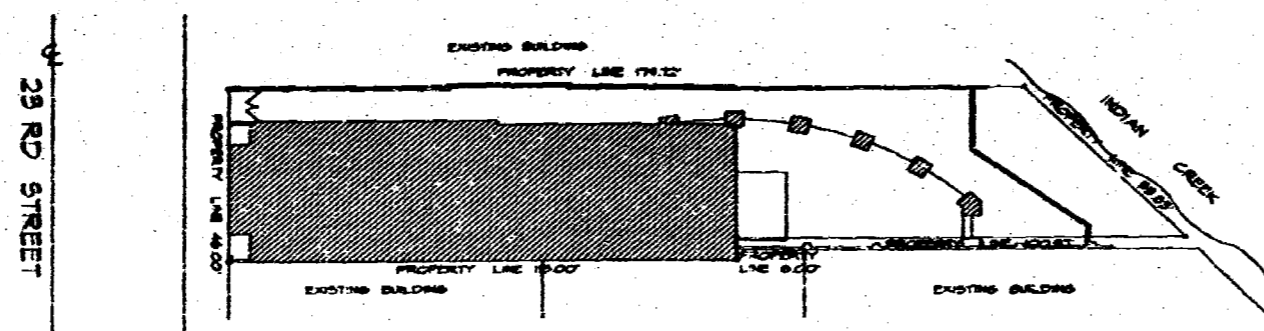
General Notes

GN-2



HORIZONTAL ARCHITECTURE
 &
 INTERIOR DESIGN
TELESCO
 ASSOCIATES
 260 95TH STREET, SUITE 302
 SUIVIDE, FL 33154
 TEL: 305 886 1034
 FAX: 305 886 2317
 teleco@harcad.com
 www.harcad.com
 LICENSE # AA-2884

RAIN
 Various Renovations
 323 23rd Street
 Miami Beach, FL 33139



OFFICE COPY
 CITY OF MIAMI BEACH

APPROVED BY
 BUILDING DEPARTMENT
 ZONING DEPARTMENT
 PLUMBING DEPARTMENT
 ELECTRICAL DEPARTMENT
 FIRE DEPARTMENT
 ENGINEERING DEPARTMENT
 PUBLIC WORKS DEPARTMENT
 STREETS DEPARTMENT
 HEALTH DEPARTMENT
 RECREATION DEPARTMENT

PROJECT DATA & NOTES

<p>ZONING DATA</p> <p>LOCAL CODE: CITY OF MIAMI BEACH ZONING ORDINANCE</p> <p>ZONING: CD-3 COMMERCIAL HIGH INTENSITY</p> <p>EXISTING NIGHTCLUB NO CHANGE OF USE</p> <p>NOTE: NO NEW FLOOR AREA PROPOSED.</p> <p>THERE SHALL BE NO OFF STREET PARKING REQUIREMENT FOR MAIN OR ACCESSORY USES ASSOCIATED WITH EXISTING BUILDINGS WHICH ARE LOCATED WITHIN THE MIAMI BEACH ARCHITECTURAL DISTRICT OR LOCAL HISTORIC DISTRICT. THIS PROVISION SHALL NOT APPLY TO RENOVATIONS OR NEW ADDITIONS TO EXISTING BUILDINGS WHICH CREATE OR ADD FLOOR AREA OR NEW CONSTRUCTION WHICH HAS A PARKING REQUIREMENT.</p>	<p>PROJECT DATA</p> <p>LOCAL CODE: 1996 DADE COUNTY EDITION SOUTH FLORIDA BUILDING CODE</p> <p>CODE OCCUPANCY: GROUP B, (a) DIVISION 1 NIGHTCLUB HAVING AN OCCUPANCY CONTENT OF 300 - 1000 PERSONS</p> <p>NFPA OCCUPANCY: EXISTING ASSEMBLY</p> <p>CONSTRUCTION TYPE: TYPE III PROTECTED</p> <p>HAZARD: NFPA ORDINARY</p> <p>FIRE PROTECTION NOTES:</p> <p>ALL FINISHES TO COMPLY IV NFPA 8-33.2 PROVIDE ONE (1) 1A LISTED 2A ABC TYPE FIRE EXTINGUISHER FOR EVERY 2500 SQUARE FEET OF FLOOR AREA.</p>	<p>EXIT DATA ** SEE FURNITURE PLAN</p> <p>1) INTERIOR FLOOR AREA 3,908 SQ.FT. 2) EXTERIOR PATIO FLOOR AREA 2599 SQ.FT. 3) TOTAL FLOOR AREA 6,507 SQ.FT. 4) EXITS REQUIRED 3 - MINIMUM PER NFPA 101 9-2.4.1 EXCEPTION # 1 5) EXITS PROVIDED 4 6) EXIT CAPACITY (DOORS)</p> <table border="0"> <tr> <td>MAIN ENTRANCE</td> <td>1 SET 6'-0" W DOORS</td> <td>70" / 2 = 350 PEOPLE</td> </tr> <tr> <td>SOUTH EAST EXIT</td> <td>34" / 2</td> <td>= 170 PEOPLE</td> </tr> <tr> <td>NORTH EAST EXIT</td> <td>69" / 2</td> <td>= 345 PEOPLE</td> </tr> <tr> <td>NORTH WEST EXIT</td> <td>74" / 2</td> <td>= 370 PEOPLE</td> </tr> </table> <p>7) LIMITING FACTOR - 50% OF OCCUPANTS MUST EGRESS THROUGH BOTH FRONT AND SECONDARY MEANS OF EGRESS / THREE SECONDARY MEANS OF EGRESS TOTAL 885 x 2 = MAX LOAD OF 1770 MAIN ENTRANCE DOORS (6' 0" x 7' 0") = 350 x 2 = MAX LOAD OF 700 THEREFORE MAXIMUM EXIT CAPACITY IS LIMITED TO - 700 PERSONS</p> <p>8) TOTAL PROPOSED OCCUPANCY 509 * SEE FURNITURE PLAN HEREIN</p> <p>9) MAX DISTANCE TO EXIT ALLOWED = 200 FT 1994 NFPA 101 9-2.6.1 EXCEPTION NO. 1 - AUTOMATIC SPRINKLER SYSTEM PROVIDED = 95 FT</p>	MAIN ENTRANCE	1 SET 6'-0" W DOORS	70" / 2 = 350 PEOPLE	SOUTH EAST EXIT	34" / 2	= 170 PEOPLE	NORTH EAST EXIT	69" / 2	= 345 PEOPLE	NORTH WEST EXIT	74" / 2	= 370 PEOPLE	<p>PROJECT DATA: EXISTING NIGHTCLUB NO CHANGE OF USE</p> <p>NO FLOOR SPACE ADDED OR DELETED PROPOSED OCCUPANT LOAD = 509</p> <p>PLUMBING FIXTURE REQUIREMENTS FOR OCCUPANT LOAD OF 452 - 600</p> <p>MEN REQUIRED 3 TOILETS - 3 URINALS - 3 SINKS MEN PROVIDED 4 TOILETS - 3 URINALS - 4 SINKS WOMEN REQUIRED 6 TOILETS - 4 SINKS WOMEN PROVIDED 7 TOILETS - 4 SINKS</p> <p>FOR BUILDING PERM: DATE OF DIRECTOR APPROVAL BUILDING DEPARTMENT AFTER:</p>
MAIN ENTRANCE	1 SET 6'-0" W DOORS	70" / 2 = 350 PEOPLE													
SOUTH EAST EXIT	34" / 2	= 170 PEOPLE													
NORTH EAST EXIT	69" / 2	= 345 PEOPLE													
NORTH WEST EXIT	74" / 2	= 370 PEOPLE													

PROJECT NO. 00-50
 DRAWN BY: JT
 DATE: 10/1/00
 REVISIONS
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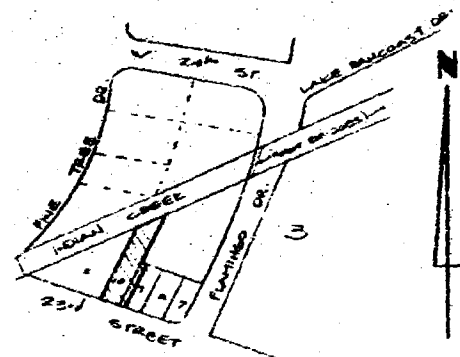
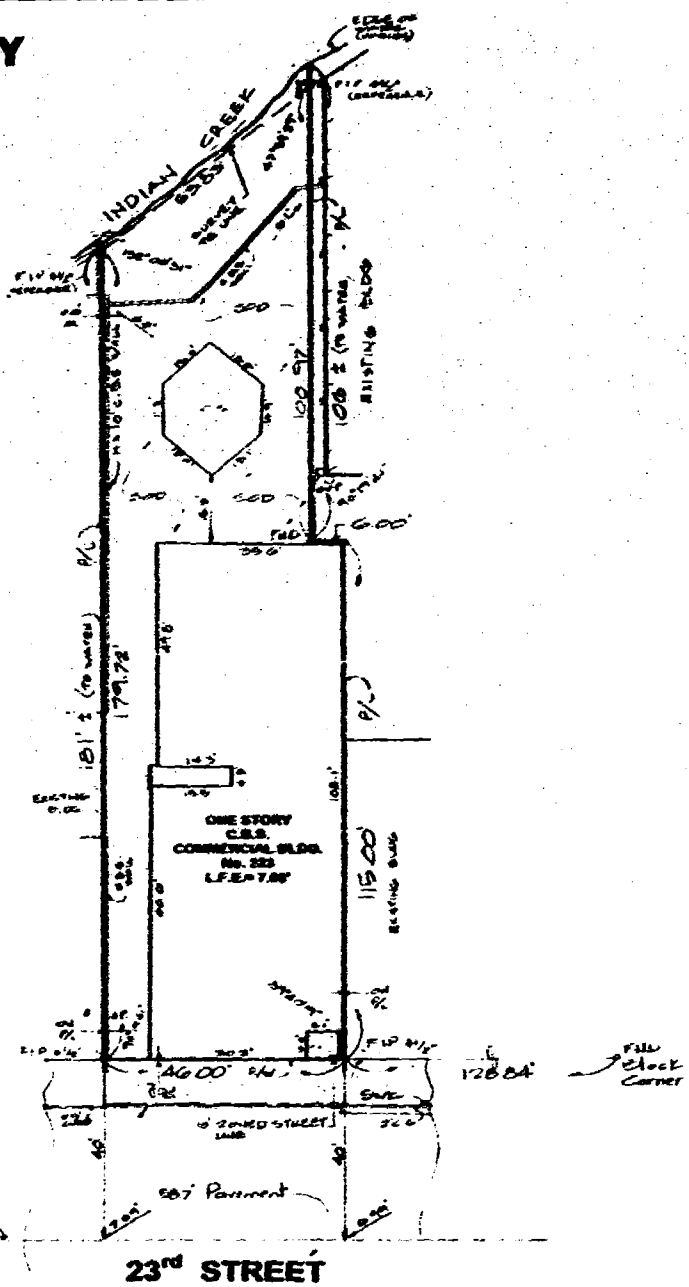
Project Data

A-1

DRAWING No. 4 OF 22

05

BOUNDARY SURVEY
SCALE: 1" = 20'



LOCATION SKETCH
SCALE: 1" = 200'

LEGAL DESCRIPTION
THE WEST 6.88 FEET OF LOT 8 AND ALL OF LOT 18, BLOCK 3, OF 'AMENDED PLAT OF THE OCEAN FRONT PROPERTY OF THE MIAMI-BEACH IMPROVEMENT COMPANY', ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 5, AT PAGE 7, OF THE PUBLIC RECORDS OF MIAMI-DADE COUNTY, FLORIDA.

PROPERTY ADDRESS: 323 23rd STREET, MIAMI BEACH, FLORIDA
 THE ABOVE DESCRIBED LAND IS BEING OFFERED FOR SALE BY THE SELLER, SUBJECT TO THE EXISTING EASEMENTS AND ENCUMBRANCES THEREON.
 J. Bonfill & Associates, Inc.
 Registered Surveyor and Engineer, State of Florida, License No. 3388
 3300 S.W. 72nd STREET, Suite 202
 Miami, Florida 33156 (305) 358-4200 FAX: 305-482-5200

ABBREVIATIONS AND LEGEND

1. ALL DIMENSIONS ARE TO CENTER UNLESS OTHERWISE NOTED.	2. ALL BEARINGS ARE REFERRED TO AN ASSUMED VALUE.	3. ALL ELEVATIONS ARE REFERRED TO N.G.D.
4. ALL DISTANCES ARE TO CENTER UNLESS OTHERWISE NOTED.	5. ALL BEARINGS ARE REFERRED TO AN ASSUMED VALUE.	6. ALL ELEVATIONS ARE REFERRED TO N.G.D.
7. ALL DISTANCES ARE TO CENTER UNLESS OTHERWISE NOTED.	8. ALL BEARINGS ARE REFERRED TO AN ASSUMED VALUE.	9. ALL ELEVATIONS ARE REFERRED TO N.G.D.
10. ALL DISTANCES ARE TO CENTER UNLESS OTHERWISE NOTED.	11. ALL BEARINGS ARE REFERRED TO AN ASSUMED VALUE.	12. ALL ELEVATIONS ARE REFERRED TO N.G.D.

NOTES:
 -BEARINGS ARE REFERRED TO AN ASSUMED VALUE
 -ELEVATIONS ARE REFERRED TO N.G.D.

OFFICE COPY

Man 11/14/00
12/20/00
12/11/00
12/11/00
MW
CP

PROJECT NO. 00-50

DRAWN BY	
DATE	11-07-00
REVISIONS	

W. J. Bonfill
 11-12-00

Site Plan & Survey

A-2

DRAWING No. 5 OF 22

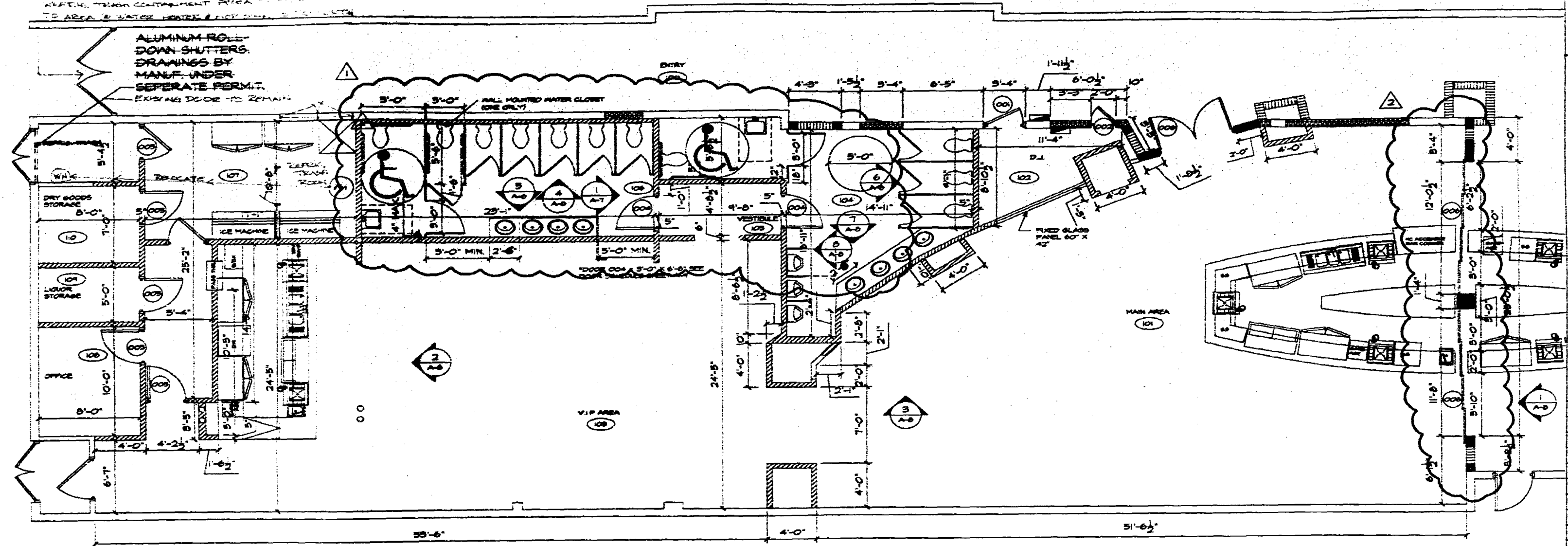
TELESCO ASSOCIATES
 260 85TH STREET, SUITE 203
 SURFIDE, FL 33154
 TEL: 305-886-7514
 FAX: 305-886-5317
 LICENSE # 9A12084

RAIN
 Various Renovations
 323 23rd Street
 Miami Beach, FL 33139

05

ALTERNATIVE TO REMOVE EXISTING GLASS DOORS
 KEYS, TRUCK CONTAINMENT AREA
 TO AREA & WATER WASTE & LIFT

ALUMINUM ROLL-
 DOWN SHUTTERS.
 DRAWINGS BY
 MANUF. UNDER
 SEPARATE PERMIT.
 EXISTING DOOR TO REMAIN



RAIN
 Various Renovations
 323 23rd Street
 Miami Beach, FL 33139

PROJECT No.	00-52
DRAWN BY	JN
DATE	11/07/00
REVISIONS	
1	12/12/00
2	12/11/00

OFFICE COPY
 CITY OF MIAMI BEACH
 APPROVED FOR THE CITY

Man 10/27/01
John J. ...
...

Handwritten signature and date: 11/11/00

Floor Plan

WALL LEGEND

	INDICATES COLUMN. SEE SCHEDULE FOR SIZE & REINFORCING.
	INDICATES EXISTING 8" MASONRY WALLS.
	INDICATES NEW 8" MASONRY WALLS.
	MASONRY WALL. SEE SHEET 5-8 FOR DETAIL.
	NEW DRYWALL PARTITION.

FOR BUILDING PERMIT
 THE CITY OF MIAMI BEACH
 DEPARTMENT OF PERMITS
 320 MIAMI BEACH BLVD.
 MIAMI BEACH, FL 33139

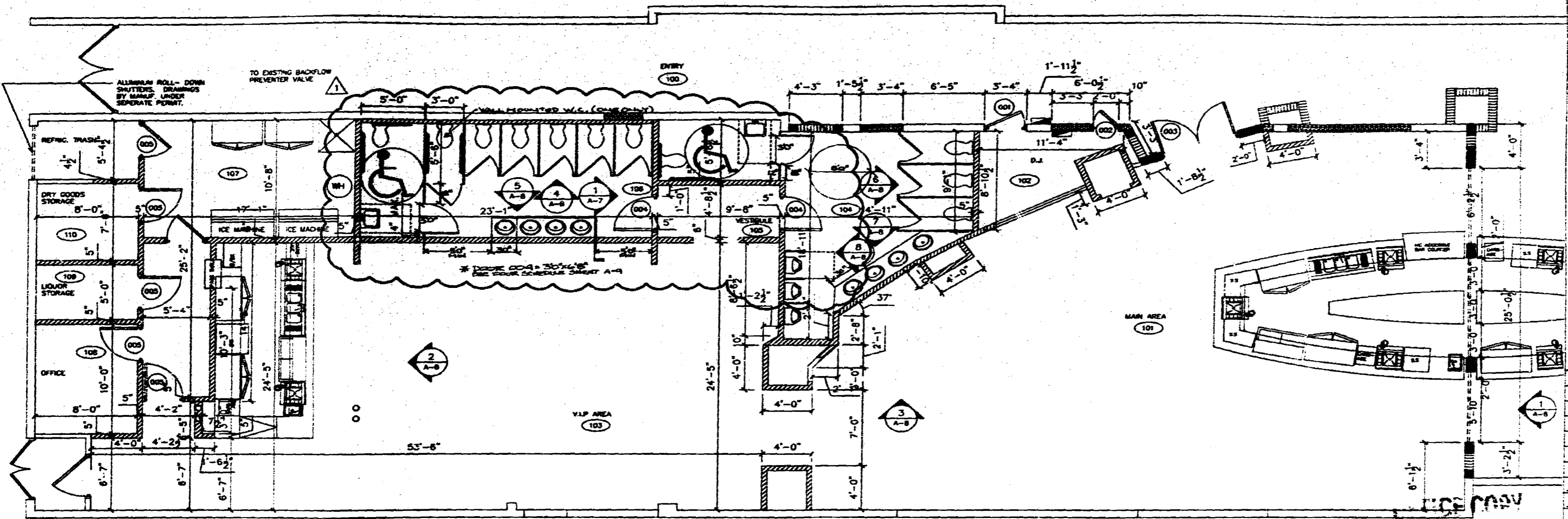
A-3

DRAWING No. 6 OF 22

FLOOR PLAN
 SCALE = 1/4" = 1'-0"

05

RAIN
 Various Renovations
 323 23rd Street
 Miami Beach, FL 33139



PROJECT No. :	00-50
DRAWN BY :	LV
DATE :	11/07/00
REVISED :	
	12/12/00

WALL LEGEND

- INDICATES COLUMN, SEE SCHEDULE FOR SIZE & REINFORCING.
- INDICATES COLUMN BELOW THIS LEVEL.
- INDICATES EXISTING 8" MASONRY WALLS
- ▤ INDICATES NEW 8" MASONRY WALLS
- ▨ MASONRY INFILL - SEE SHEET S-3 FOR DETAIL
- ▩ NEW DRYWALL PARTITION

FLOOR PLAN
 SCALE = 1/4" = 1'-0"

Handwritten notes:
 AS-
 B.C.
 ZONE
 FLOOR
 ELECT
 MECH
 PLUMB
 STRUCT
 MARK

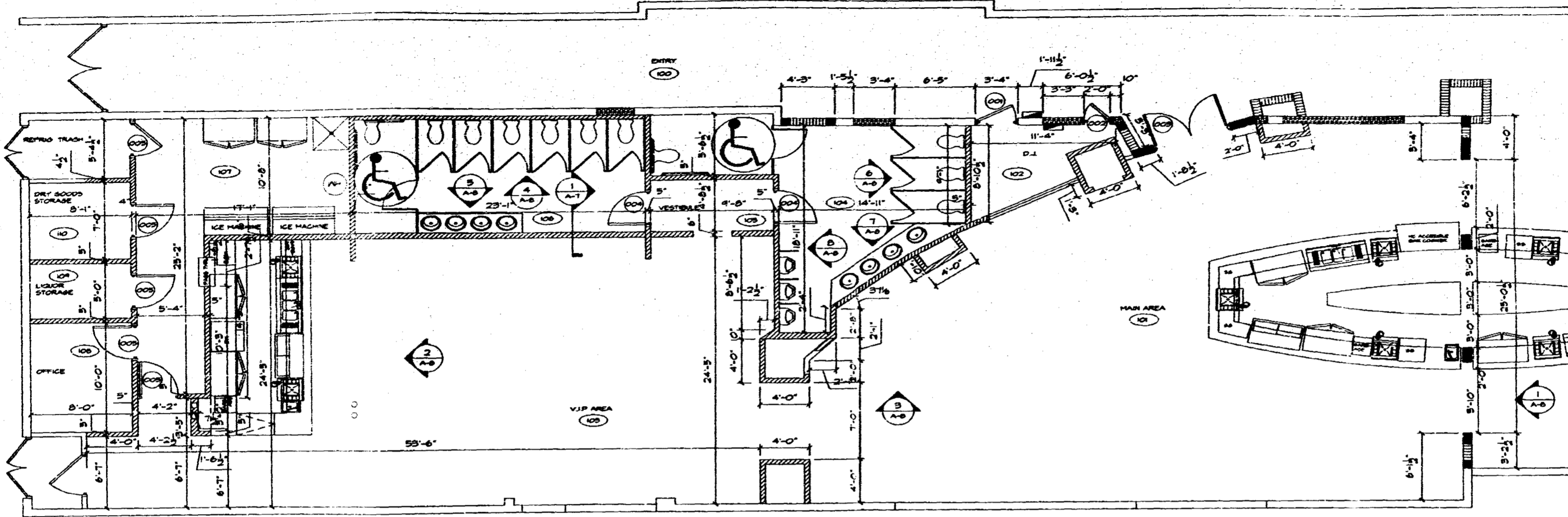
Handwritten signature:
 [Signature]

Floor Plan
VOID
A-3

DRAWING No. 6 OF 22

05

RAIN
Various Renovations
323 23rd Street
Miami Beach, FL 33139



PROJECT NO.	00-50
DRAWN BY:	LN
DATE:	11/07/00
REVISIONS:	

FLOOR PLAN
SCALE = 1/4" = 1'-0"

- WALL LEGEND**
- INDICATES COLUMN. SEE SCHEDULE FOR SIZE & REINFORCING.
 - INDICATES COLUMN BELOW THIS LEVEL.
 - ▬ INDICATES EXISTING 6" MASONRY WALLS.
 - ▨ INDICATES NEW 6" MASONRY WALLS.
 - ▩ MASONRY SPILL. SEE SHEET 3-3 FOR DETAIL.
 - ▧ NEW DRYWALL PARTITION.

OFFICE COPY

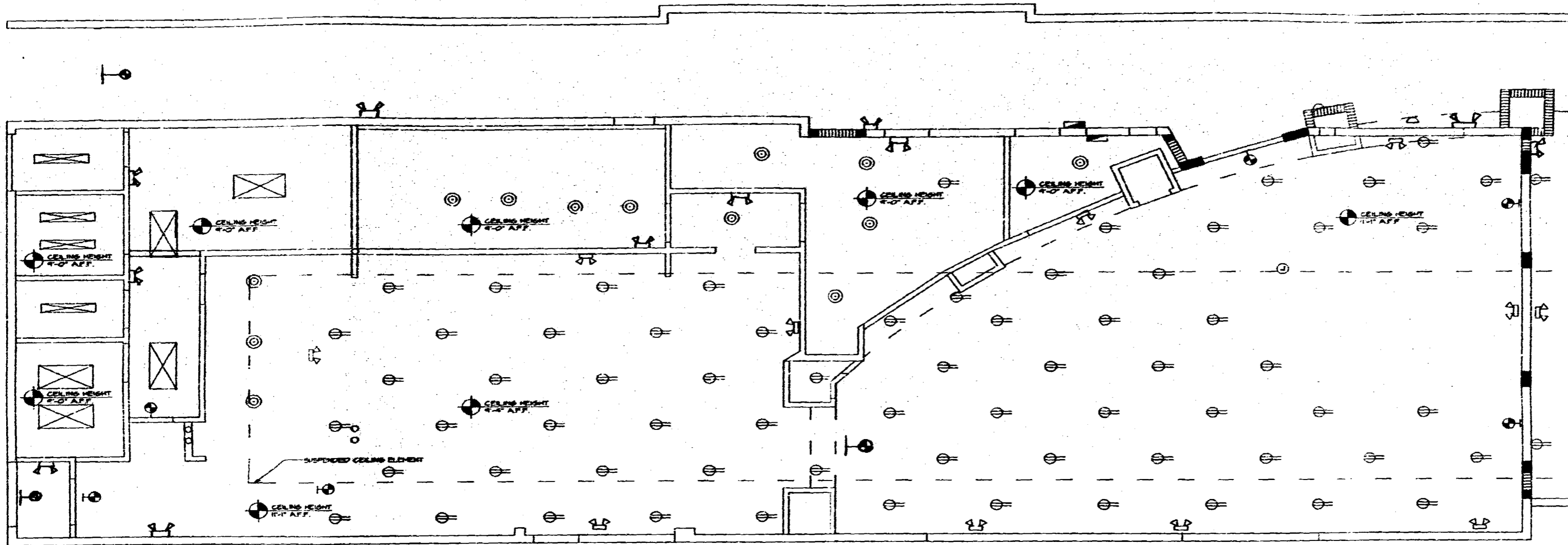
APPROVED
 REVIEWED
 CHECKED
 DESIGNED
 ENGINEERING
 PUBLIC WORKS
 STRUCTURAL
 ACCESSIBILITY
 ELEVATOR

Man 12/1/00

Wally Lewis
11-12-00

Floor Plan
VOID
A-3





REFLECTED CEILING PLAN
SCALE = 1/4" = 1'-0"

- GENERAL NOTES & SYMBOLS**
- ⊖ ELEC. OUTLETS FOR INCANDESCENT LIGHT - SEE ELECTRICAL
 - ⊕ EXIT LIGHT - SEE ELECTRICAL
 - ⚡ EMERGENCY LIGHTS - SEE ELECTRICAL
 - ⊙ DOWN LIGHTS
 - ⊠ FLOURESCENT LIGHTING
- NOTE: 5/8" FIRE RATED GYPSUM BOARD TYPICAL ALL CEILING

NOT A COPY

APPROVED BY: *[Signature]*
DATE: 11/21/00

FOR REVIEW AND OBSERVATION FOR BUILDING PERMIT DATE OF DESTRUCTION PERIOD: 11/21/00 TO 11/21/05

REVIEWED BY: *[Signature]*
DATE: 11/21/00

STRUCTURAL: *[Signature]*
ACCESSIBILITY: *[Signature]*
ELEVATION: *[Signature]*

HOSPITALITY ARCHITECTURE
INTERIOR DESIGN
TELESCO
ASSOCIATES
200 16TH STREET, SUITE 200
SURFSIDE, FL 33154
TEL: 305.886.1014
FAX: 305.886.1317
www.telesco-arch.com
*CONC # A-204

RAIN
Various Renovations
323 23rd Street
Miami Beach, FL 33139

PROJECT No: 00-50

DRAWN BY: LN

DATE: 11/07/00

REVISIONS

[Signature]
11-12-00

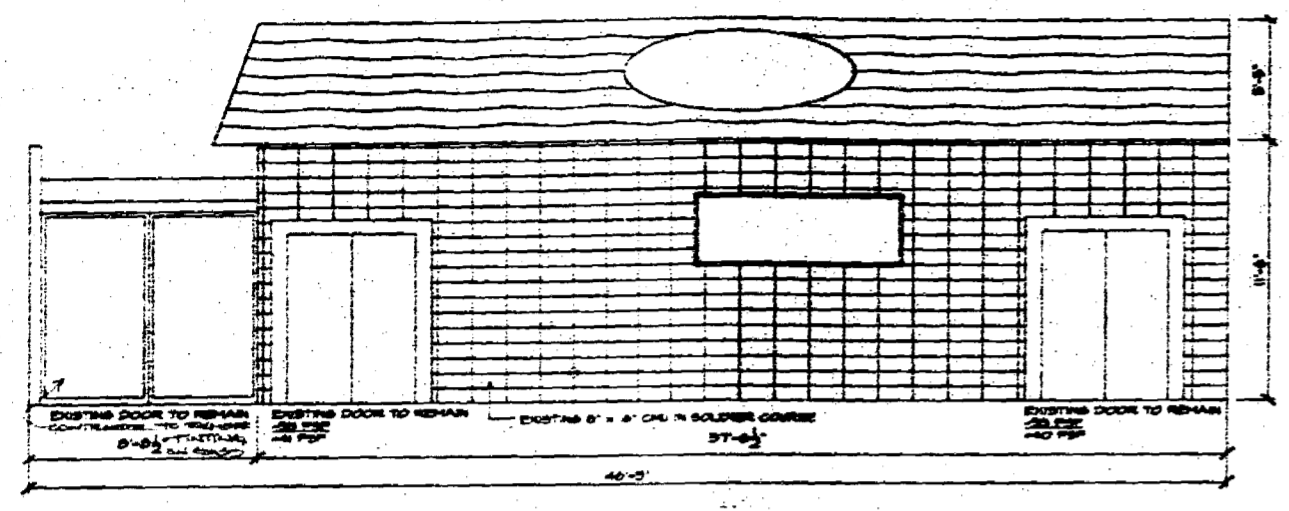
Reflected Ceiling Plan

A-4

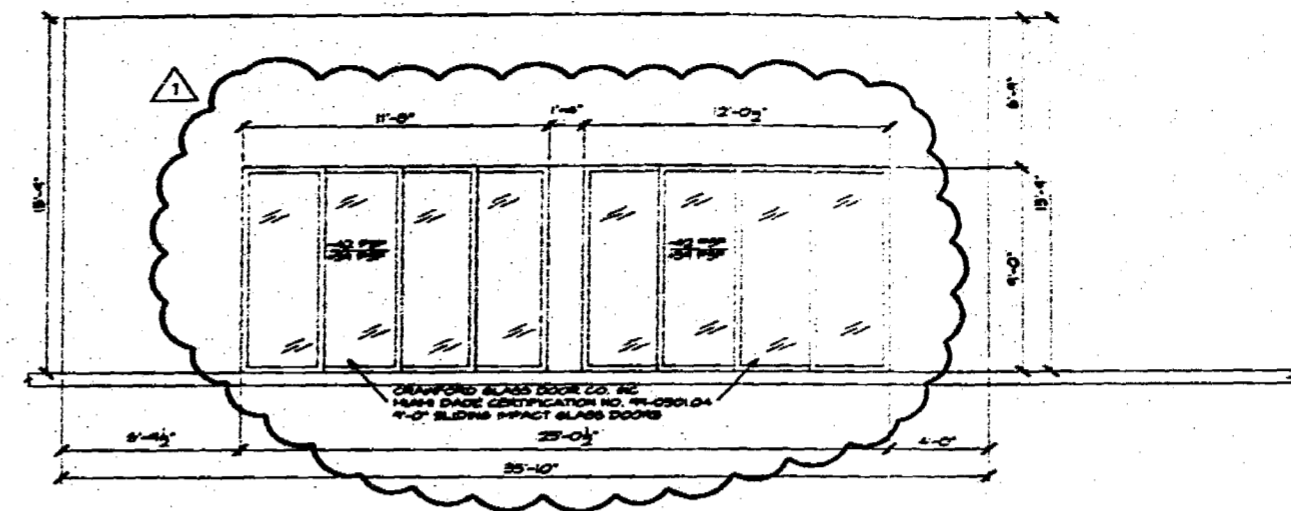
DRAWING No. 7 OF 22

05

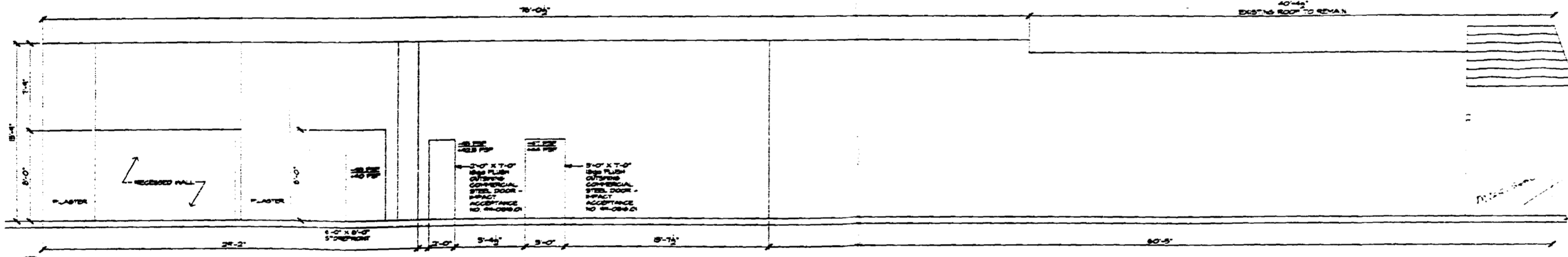
RAIN
Various Renovations
323 23rd Street
Miami Beach, FL 33139



SOUTH ELEVATION
SCALE = 1/4" = 1'-0"



NORTH ELEVATION
SCALE = 1/4" = 1'-0"



WEST ELEVATION
SCALE = 1/4" = 1'-0"

OFFICE COPY

CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY
DATE: 11/17/00
PROJECT NO. 00-50
DRAWN BY: N
DATE: 11/17/00
REVISIONS
11/17/00

APPROVED FOR PERMIT BY THE FOLLOWING:
CITY OF MIAMI BEACH
OFFICE COPY

PROJECT NO. 00-50
DRAWN BY: N
DATE: 11/17/00
REVISIONS
11/17/00

Handwritten signature
11/17/00

Exterior Elevations

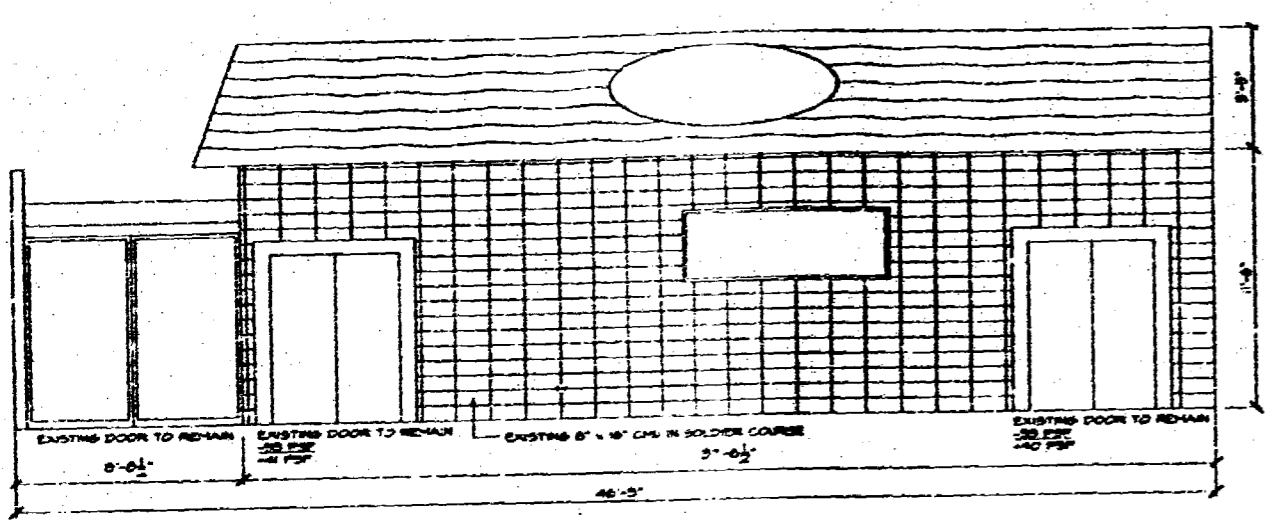
A-5

DRAWING No. 8 OF 22

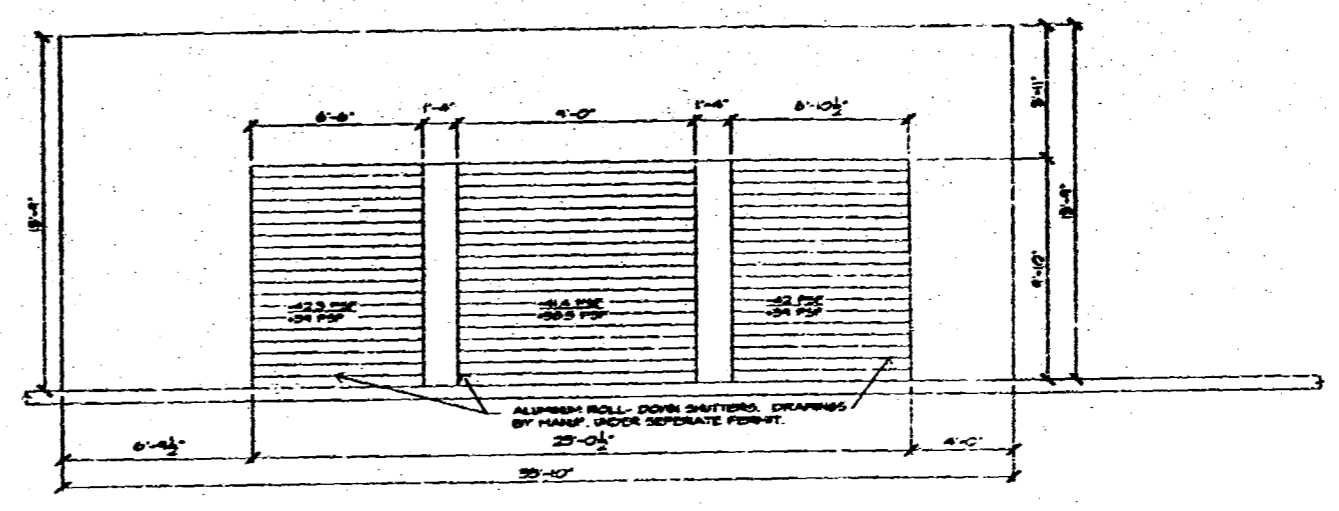
05

HUNTERLY ARCHITECTURE
 ARCHITECTS
TL
TELESCO
 ASSOCIATES
 260 95TH STREET, SUITE 203
 SUITE 203, FL 33154
 TEL 305 866 1214
 FAX 305 866 3317
 www.hunterly.com
 LICENSE # PA-1288

RAIN
 Various Renovations
 323 23rd Street
 Miami Beach, FL 33139

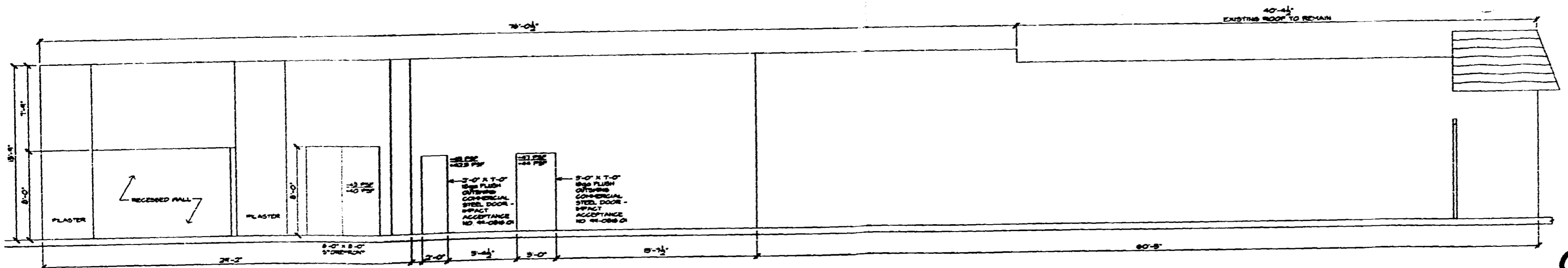


SOUTH ELEVATION
 SCALE = 1/4" = 1'-0"



NORTH ELEVATION
 SCALE = 1/4" = 1'-0"

OFFICE COPY
 MIAMI BEACH
 11/27/00
 11/27/00



WEST ELEVATION
 SCALE = 1/4" = 1'-0"

PROJECT No.	03-00
DRAWN BY:	LN
DATE:	11/27/00
REVISIONS	

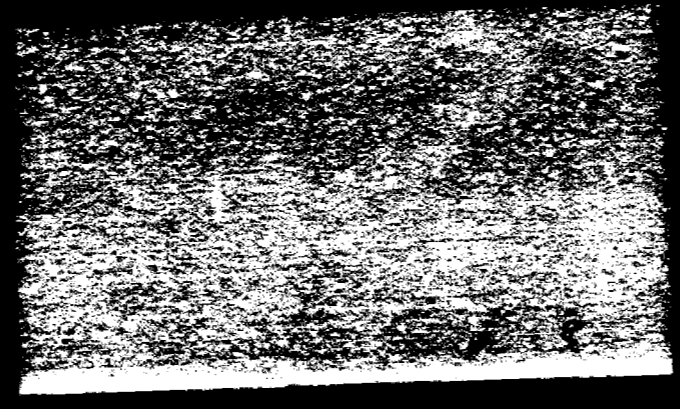
Walter B...
 11-27-00

Exterior Elevations

VOID
 A-5

DRAWING No. 8 OF 22

05



HOSPITALITY ARCHITECTURE
INTERIOR DESIGN

TL
TELESCO
ASSOCIATES

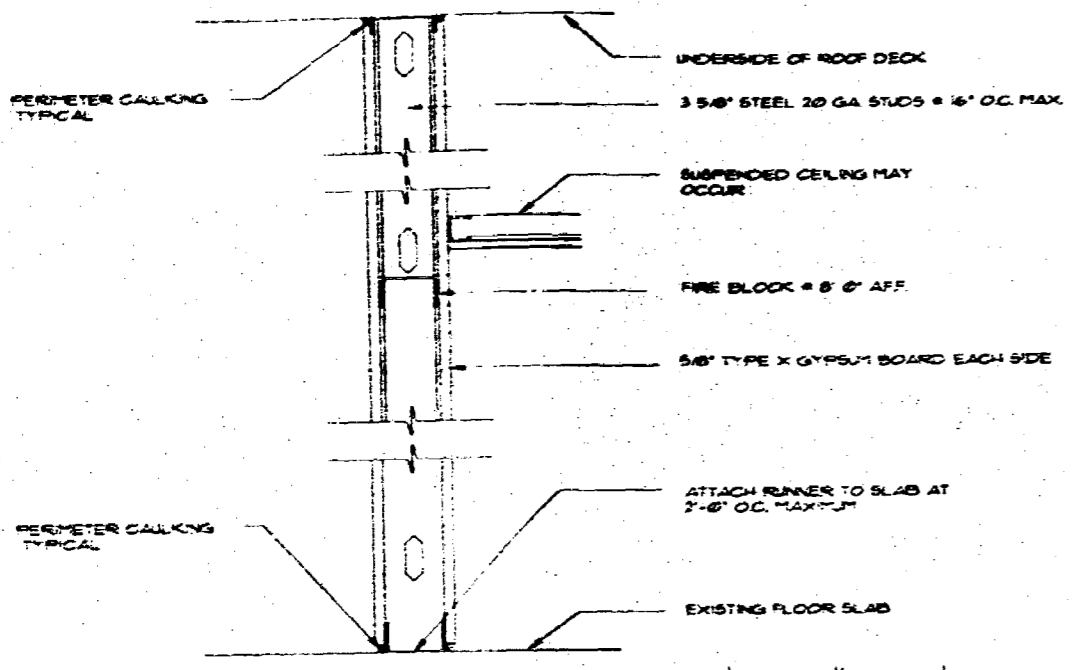
360 86TH STREET, SUITE 203
SUITE 203, FL 33154

TEL 305 866 1074
FAX 305 866 3377

tlaco@tlaco.com
www.tlaco.com

LICENSE # PA288

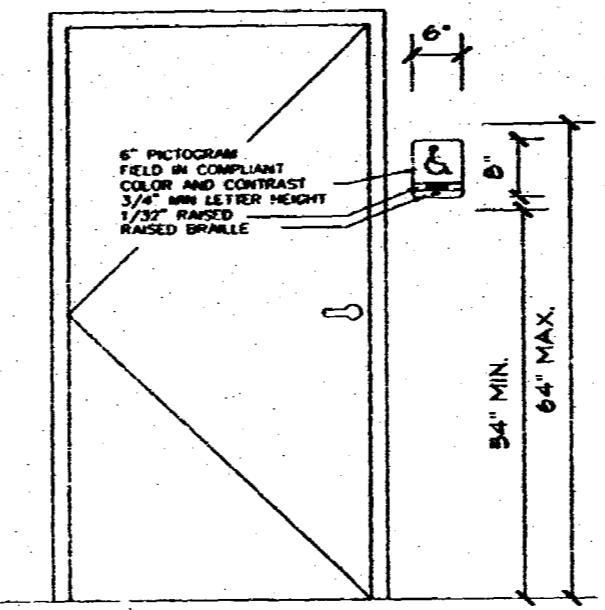
RAIN
Various Renovations
323 23rd Street
Miami Beach, FL 33139



ONE LAYER 5/8" GYPSUM WALL BOARD OR VENEER BOARD APPLIED AT RIGHT ANGLES OR PARALLEL TO EACH SIDE OF 3 1/2" METAL STUDS 24" O.C. WITH 1 1/2" TYPE S DRYWALL SCREWS @ 8" O.C. TO VERTICAL EDGES AND @ 16" O.C. TO TOP AND BOTTOM RUNNERS AND INTERMEDIATE STUDS. STAGGER ALL VERTICAL AND HORIZONTAL JOINTS 24" O.C. EACH SIDE AND OPPOSITE SIDES

Thickness: 4" - 8"
Length: 11'-3"
Approx. Weight: 6 lbs/ft
Fire Test: FTL LPL-45, 6-13-68
OSGI T-11112 2-51
UL - design No. L465

1 INTERIOR WALL SECTION
NTS.



2 ACCESSIBLE SIGNAGE DETAIL
NTS.

COPY
BEACH

DESIGN BY
DATE 07.00
REV 5/08
DATE 11/21/08
DATE 11/21/08

PROJECT NO.	00-50
DRAWN BY	JL
DATE	07.00
REV 5/08	
DATE 11/21/08	
DATE 11/21/08	

William B...
11-11-08

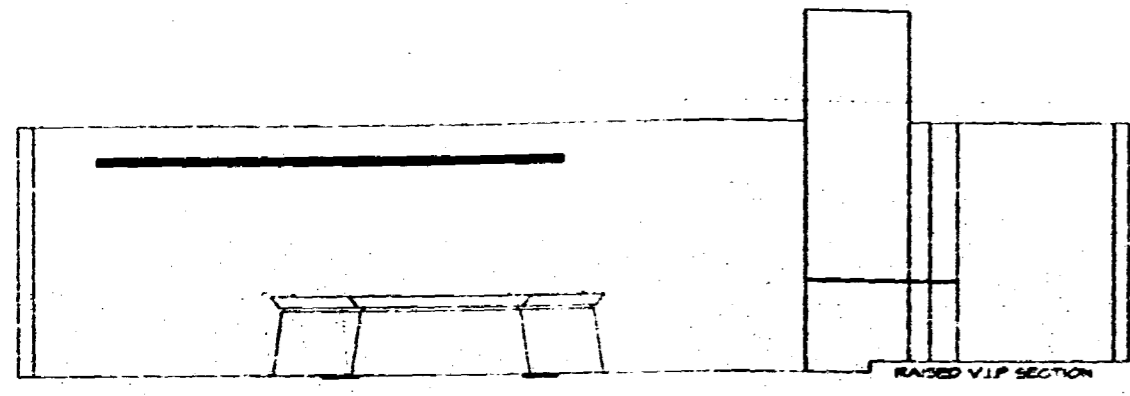
Wall Sections

A-6

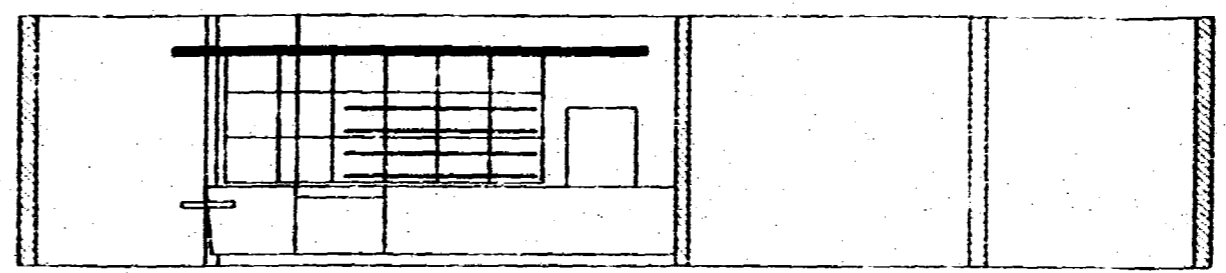
DRAWING No. 9 OF 22

05

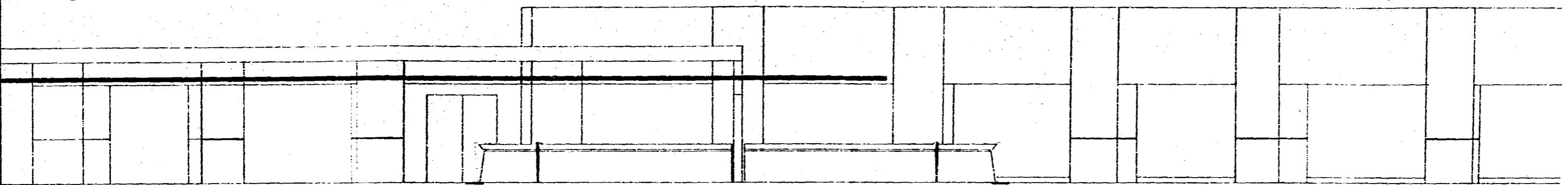
RAIN
 Various Renovations
 323 23rd Street
 Miami Beach, FL 33139



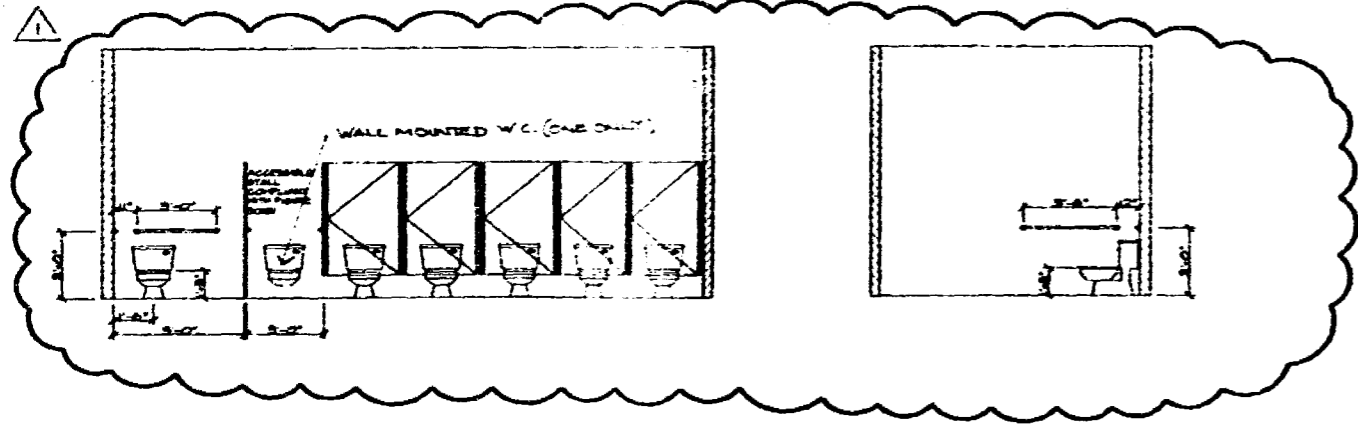
1 ELEVATION
 1/4" = 1'-0"



2 ELEVATION
 1/4" = 1'-0"

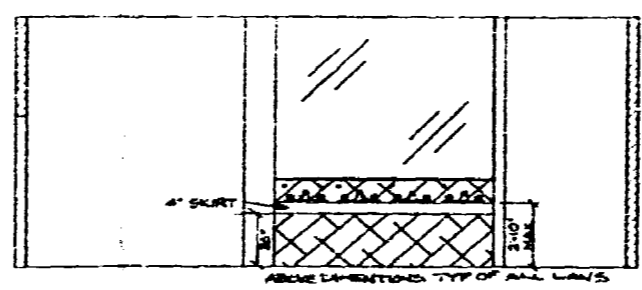


3 ELEVATION
 1/4" = 1'-0"

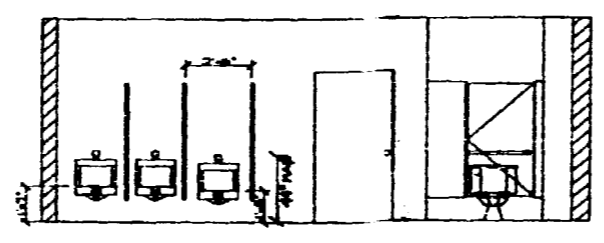


4 WOMEN'S WATER CLOSET ELEVATION
 1/4" = 1'-0"

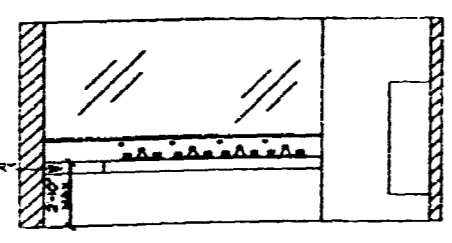
5 WOMEN'S ADA WATER CLOSET ELEVATION
 1/4" = 1'-0"



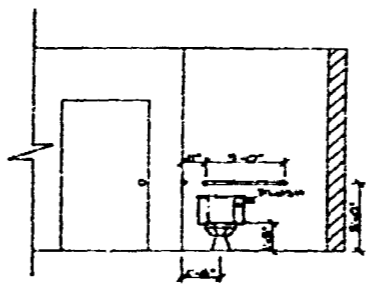
5 WOMEN'S SINK WALL ELEVATION
 1/4" = 1'-0"



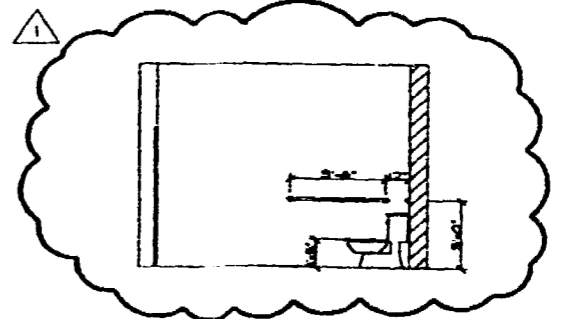
6 MEN'S WATER CLOSET ELEVATION
 1/4" = 1'-0"



7 MEN'S SINK WALL ELEVATION
 1/4" = 1'-0"



8 MEN'S URINAL WALL ELEVATION
 1/4" = 1'-0"



9 MEN'S URINAL WALL ELEVATION
 1/4" = 1'-0"

OFFICE COPY
 CITY OF MIAMI BEACH

APPROVED FOR DEPT. 17B
 THE FOLLOWING:
 BUILDING: [Signature]
 ZONING: [Signature]
 PLUMBING: [Signature]
 ELECTRICAL: [Signature]
 MECHANICAL: [Signature]
 FIRE PREVENTION: [Signature]
 ENGINEERING: [Signature]
 PUBLIC WORKS: [Signature]
 STRUCTURAL: [Signature]
 TERM: ACC [Signature]

FOR BUILDING DEPARTMENT
 DATE OF DEPARTMENTAL REVIEW
 BUILT: [Signature]
 AFTER: [Signature]
 ANY MOD. [Signature]
 MUST BE [Signature]
 THE RESUBMITTAL [Signature]
 RECORDED [Signature]
 AFTER THE [Signature]
 MUST BE [Signature]
 IN THE [Signature]

PROJECT NO.	00-50
DRAWN BY	LN
DATE	10/00
REVISIONS	
1	10/00

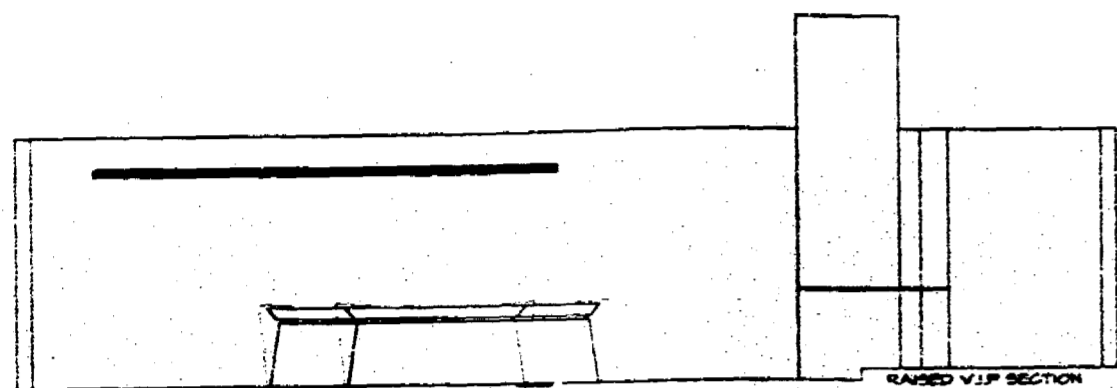


Interior Elevations

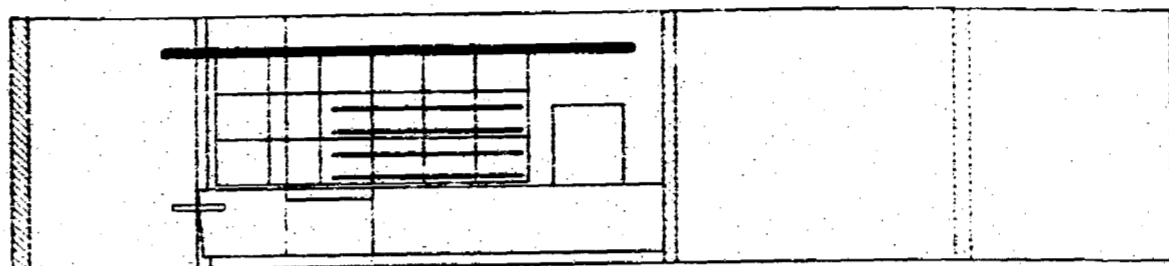
A-7

DRAWING No. 10 OF 22

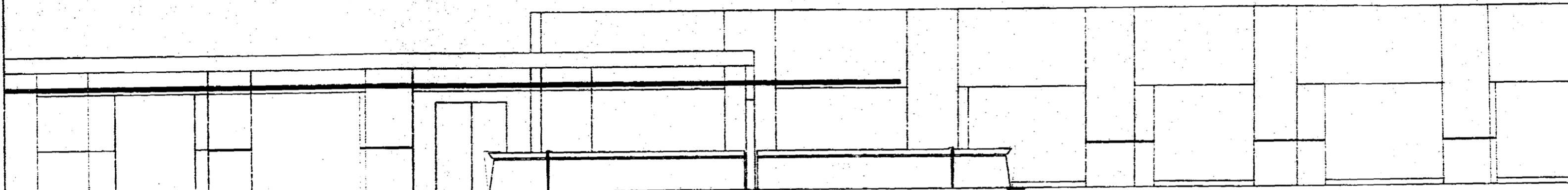
05



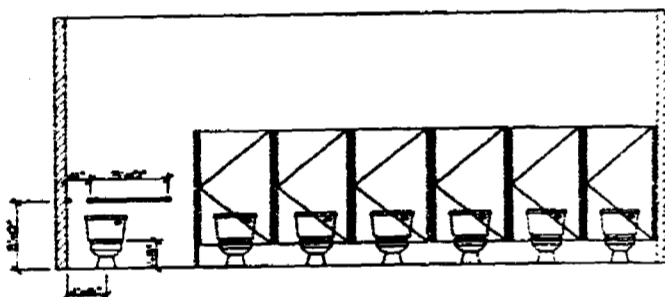
1 ELEVATION
1/4" = 1'-0"



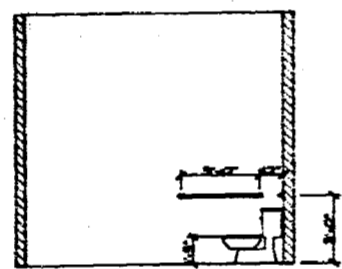
2 ELEVATION
1/4" = 1'-0"



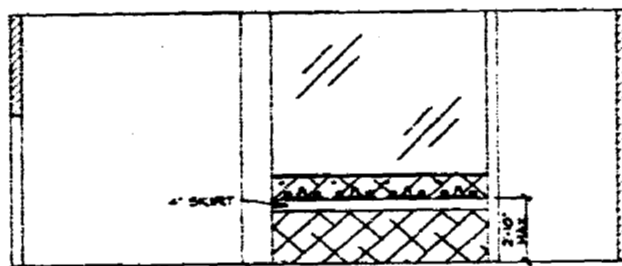
3 ELEVATION
1/4" = 1'-0"



4 WOMEN'S WATER CLOSET ELEVATION
1/4" = 1'-0"



5 WOMEN'S ADA WATER CLOSET ELEVATION
1/4" = 1'-0"

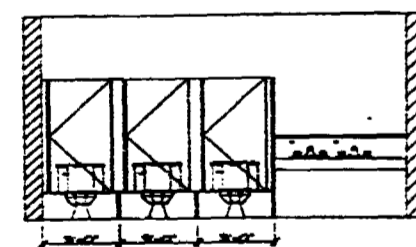


5 WOMEN'S SINK WALL ELEVATION
1/4" = 1'-0"

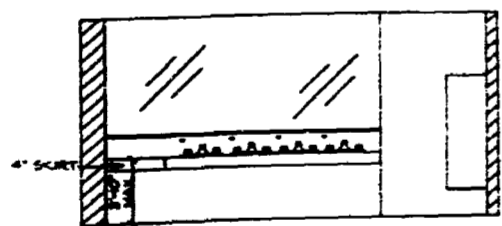
REVISIONS

NO.	DESCRIPTION	DATE
1	PR 3/23/2000	
2		
3		
4		
5		
6		
7		
8		
9		
10		

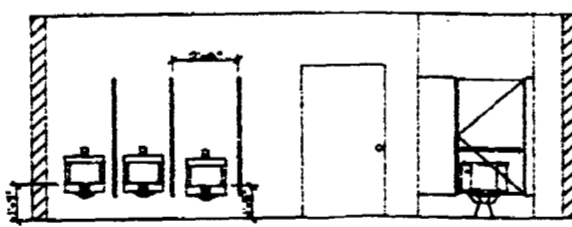
PREPARED BY: [Signature]
 CHECKED BY: [Signature]
 DESIGNED BY: [Signature]
 ENGINEER: [Signature]
 PUBLIC WORKS: [Signature]
 STRUCTURAL: [Signature]
 ACCESSIBILITY: [Signature]
 ELEVATOR: [Signature]



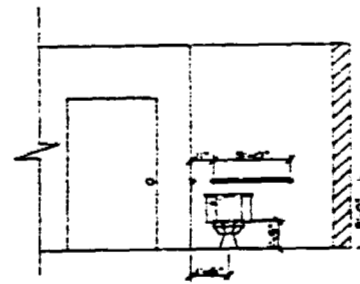
6 MEN'S WATER CLOSET ELEVATION
1/4" = 1'-0"



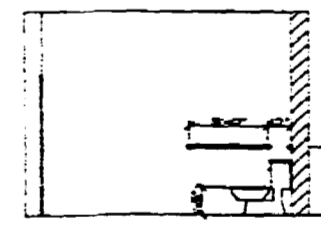
7 MEN'S SINK WALL ELEVATION
1/4" = 1'-0"



8 MEN'S URINAL WALL ELEVATION
1/4" = 1'-0"



8 MEN'S URINAL WALL ELEVATION
1/4" = 1'-0"



8 MEN'S URINAL WALL ELEVATION
1/4" = 1'-0"

HOSPITALITY AND TECHNICAL
 INTERIOR DESIGN
TELESCO
 ASSOCIATES
 280 95TH STREET, SUITE 203
 SUITE 203, FL 33154
 TEL: 305.888.1914
 FAX: 305.888.3817
 WWW.TELESOCO.COM
 LICENSE # A4288

RAIN
 Various Renovations
 323 23rd Street
 Miami Beach, FL 33139

PROJECT NO.: 00-90
 DRAWN BY: LN
 DATE: 10/00
 REVISIONS:

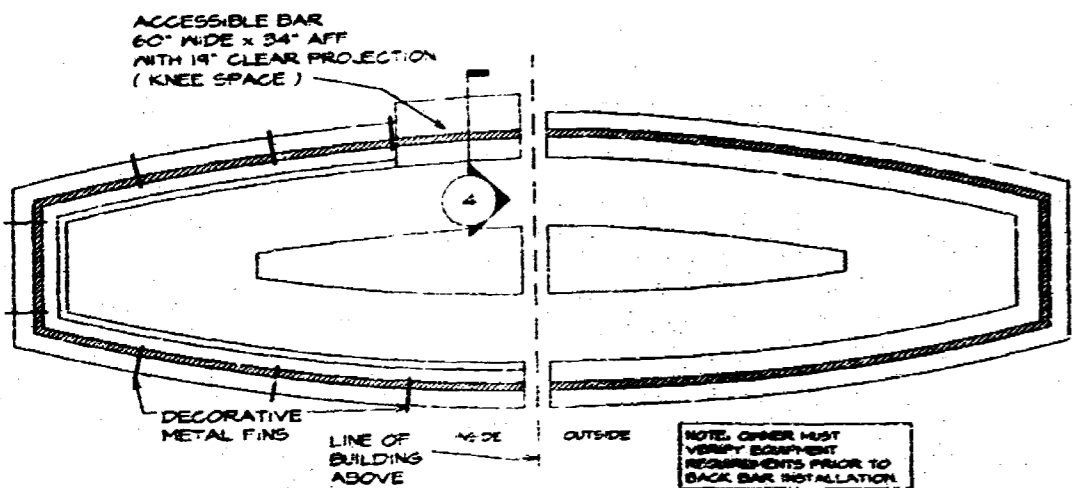
Wolfgang Boy
 11-12-00

Interior Elevations
VOID
 A-7

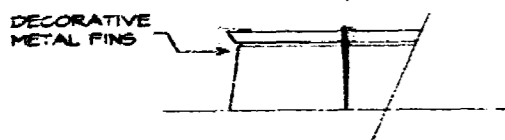
DRAWING No. 10 OF 22

05

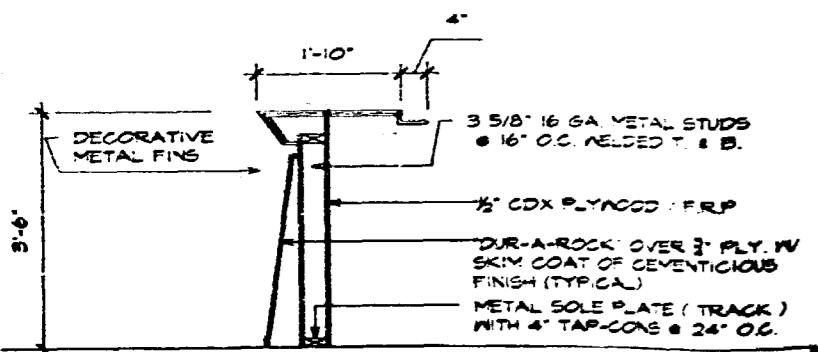




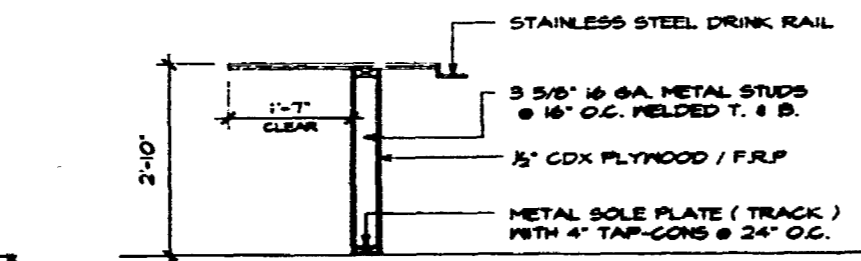
1 MAIN BAR PLAN
1/4" = 1'-0"



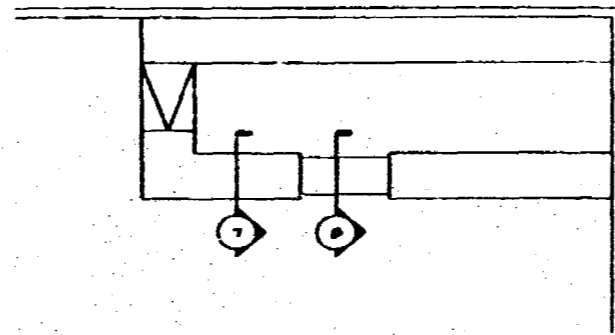
2 MAIN BAR FRONT ELEVATION
1/4" = 1'-0"



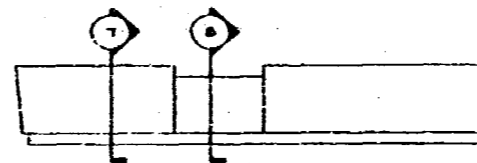
3 MAIN BAR SECTION
3/4" = 1'-0"



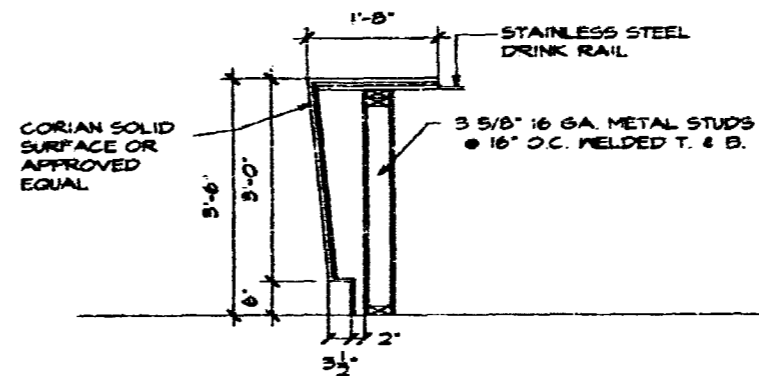
4 ACCESSIBLE BAR SECTION
3/4" = 1'-0"



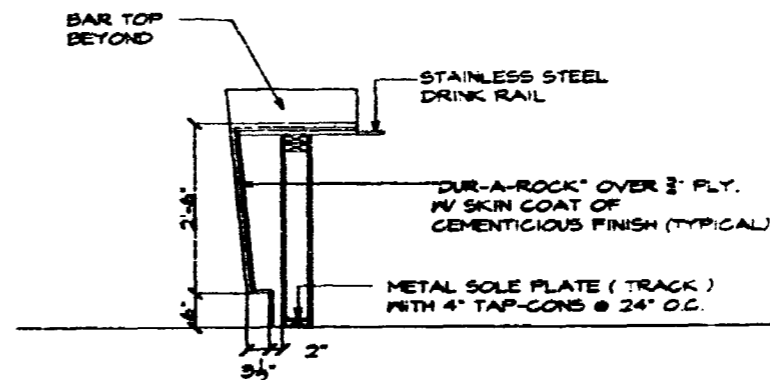
5 V.I.P. BAR PLAN
1/4" = 1'-0"



6 V.I.P. BAR FRONT ELEVATION
1/4" = 1'-0"



7 V.I.P. BAR SECTION
3/4" = 1'-0"



8 V.I.P. BAR SECTION
3/4" = 1'-0"

NOTE: OWNER MUST VERIFY EQUIPMENT REQUIREMENTS PRIOR TO BACK BAR INSTALLATION.

TELESCO ASSOCIATES
290 15TH STREET, SUITE 200
SUWEE, FL 33554
TEL: 305 888 1214
FAX: 305 888 3317
www.telesco.com
LICENS: # AA-2884

RAIN
Various Renovations
323 23rd Street
Miami Beach, FL 33139

OFFICE COPY
11/12/08

FLORIDA BUILDING PERMIT
11-12-08

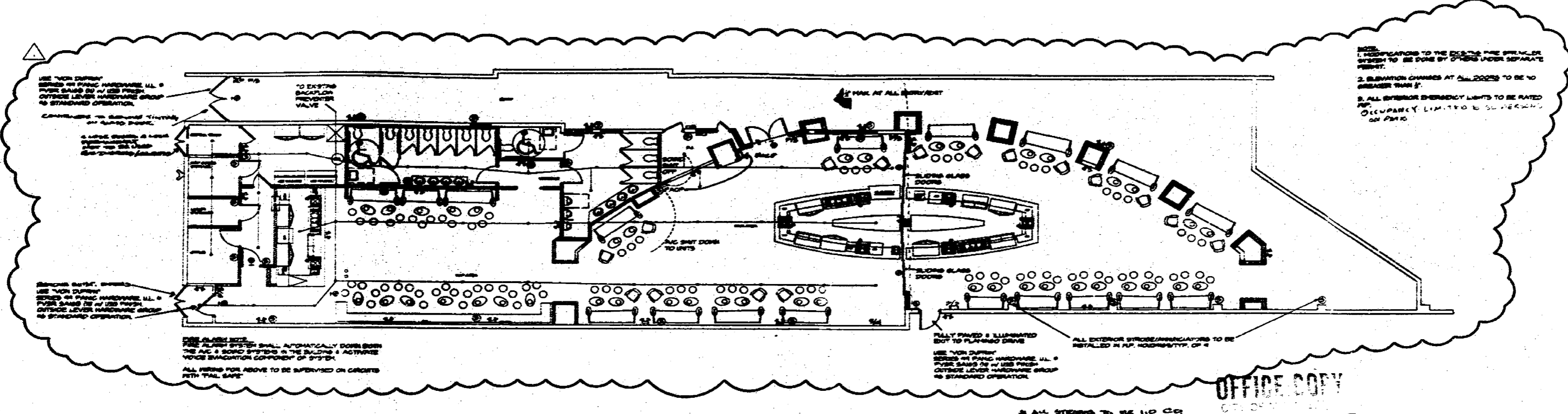
PROJECT NO.	00-00
DRAWN BY:	LN
DATE:	08/08
REVISIONS:	

Bar Details

A-8

DRAWING No 11 OF 22

05



FURNITURE/FIRE PLAN
SCALE: 1/8"=1'-0"

OFFICE COPY

APPROVED FOR PERMIT BY
CITY OF MIAMI BEACH
DATE: 11/07/00
11/10/00

DOOR AND FRAME SCHEDULE													
MARK	DOOR			FRAME								NOTES	
	WD	HGT	THK	MATL	GLAZING	WD	HGT	MATL	EL	HEAD	JAMB		SILL
001	3'-0"	7'-0"	2"	METAL	NO	N/A	N/A	METAL	METAL	METAL	METAL	METAL	LEVER HARDWARE/DEAD BOLT LOCK
002	2'-4"	7'-0"	2"	METAL	NO	N/A	N/A	METAL	METAL	METAL	METAL	METAL	LEVER HARDWARE/DEAD BOLT LOCK
003	6'-0"	6'-0"	1 3/4"	METAL	YES	N/A	N/A	METAL	METAL	METAL	METAL	METAL	MFCR. TO SUPPLY ALL SHOP DRAWINGS
004	3'-0"	6'-8"	1 1/2"	WOOD	NO	N/A	N/A	WOOD	WOOD	WOOD	WOOD	WOOD	LEVER HARDWARE/AUTOMATIC CLOSURES
005	3'-0"	6'-8"	1 1/2"	WOOD	NO	N/A	N/A	WOOD	WOOD	WOOD	WOOD	WOOD	LEVER HARDWARE
006	12'-0"	9'-0"	2"	METAL	YES	N/A	N/A	METAL	METAL	METAL	METAL	METAL	QUANFORD GLASS DOOR CO. INC. SLIDING IMPACT GLASS DOORS
E-1													YON DUFRAY SERIES 98 PRINC HARDWARE U.L. & PUSE 5A 143 (P)

FINISH SCHEDULE																
MARK	NAME	FLOOR		BASE		NORTH WALL		EAST WALL		SOUTH WALL		WEST WALL		CEILING		REMARKS
		MATL	FIN.	MATL	FIN.	MATL	FIN.	MATL	FIN.	MATL	FIN.	MATL	FIN.	MATL	FIN.	
100	ENTRY	TERRAZZO				1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	
101	MAIN AREA	TERRAZZO				1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	
102	D.J. BOOTH	CONCRETE				1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	
103	V.I.P. AREA	TERRAZZO				1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	
104	MEN'S RESTROOM	SLATE	HONED	SLATE	HONED	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	
105	VESTIBULE	TERRAZZO				1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	
106	WOMEN'S RESTROOM	SLATE	HONED	SLATE	HONED	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	
107	BACK STORAGE AREA	CONCRETE				1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	
108	OFFICE	CONCRETE				1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	
109	LIQUOR STORAGE	CONCRETE				1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	
110	DRY GOODS STORAGE	CONCRETE				1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	

SYMBOLS

- NEW SPRINKLER HEADS
- FULL STATION
- ⌋ EXISTING SERVICE CONNECTION
- ⌋ FIRE ALARM CONTROL PANEL
- ⊙ STROBE/ANNUNCIATOR
- ⊙ EXIT LIGHTS
- ⬇ EMERGENCY LIGHTS

APPROVED FOR PERMIT BY
CITY OF MIAMI BEACH
DATE: 11/07/00
11/10/00

OFFICE COPY

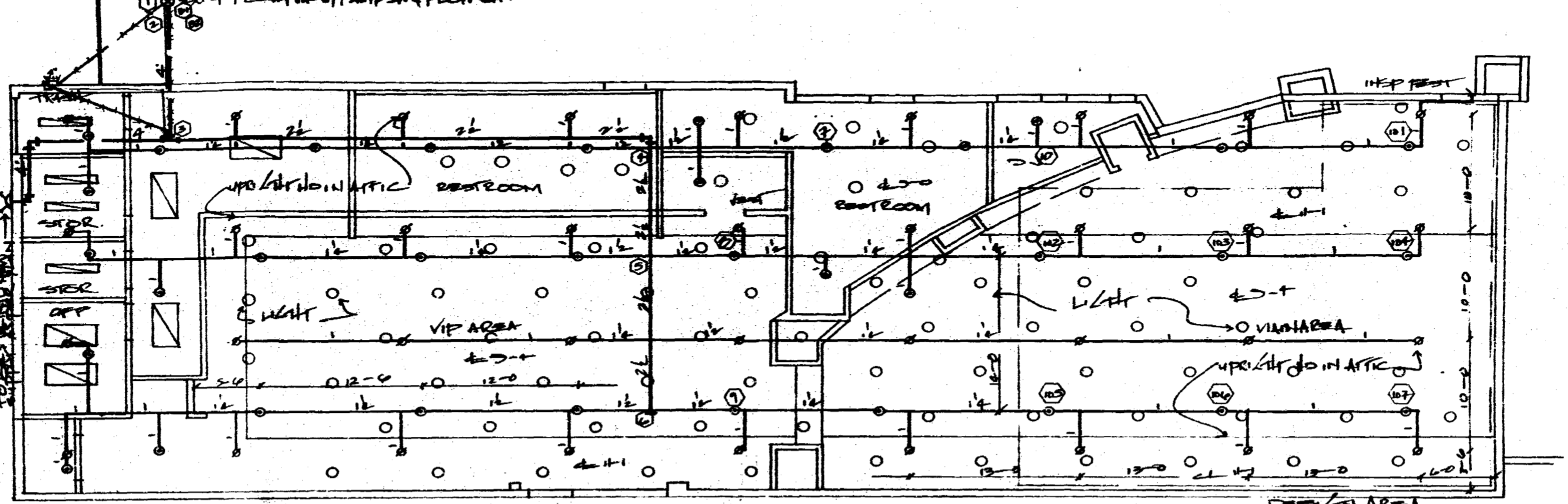
Furniture/Fire Plan
&
Schedule

A-9

DRAWING No. 12 OF 22

05

VERTICAL BACKFLOW PREVENTOR (AMES 3000 53 4")

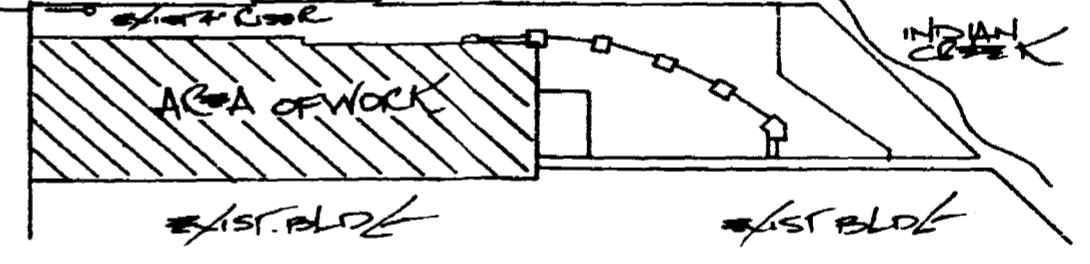
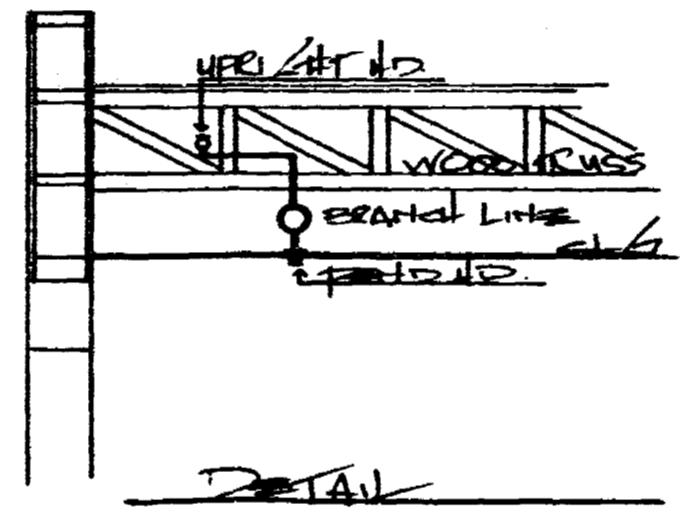


FIRE SPRINKLER PLAN

SCALE 1/4" = 1'-0"

SPRINKLER HEAD LEGEND

- 1-155' 2 1/2" PENDENT HD. K-55 -35-
- 2-155' BRASS UPRIGHT HD. K-55 -27-
- ALL UPS TO BE VIKIN Z
- TOTAL - 42



TRUE COPY

CITY OF MIAMI BEACH

PROJECT FOR PERMIT B

THE FOLLOWING:

GENERAL NOTES

ALL PIPING, RISERS AND HANGERS TO BE SPACED AND INSTALLED IN ACCORDANCE WITH NFPA 13, AND APPROVED AUTHORITIES.

PIPING TO BE CPVC WITH CPVC FITTINGS IN LIGHT EXPOSED AREAS.

X PIPING 1" THRU 2" TO BE THREADED "2L" WITH SCREWED X FITTINGS 1/2" AND LARGER TO BE NIP. IS WITH GROOVED FITTINGS.

STRUCTURE CORNERS SPERMELY OF HIGH-CONDUCTIVE MATERIALS (PLA).

PROVISIONS SHALL BE MADE TO BRACE ALL PORTIONS OF THE SYSTEM.

PIPING TO BE SHOWN AS SHOWN ON PLAN.

FROM NEW YORK 50PM - 511C, 40PM 8000, 600PM

SPRINKLER HEADS, BRANCH AND CARRIER TO BE SUPPLIED AS PER NFPA 13.

NECESSARY DATA PLACE CARDS TO BE PROVIDED.

CORRECT NEW ITEMS TO EXISTING AS SHOWN ON PLAN.

○ IMPROVED MINIMUM CLEARANCE POINT.

○ IMPROVED MINIMUM CLEARANCE POINT TO EXISTING.

○ IMPROVED MINIMUM CLEARANCE POINT TO EXISTING.

RAIN

323 230 ST SEAT

MIAMI BEACH, FLORIDA

DATE: 11-23-00

11/23/00

LAN / FIRE

425 W DANIA BLVD

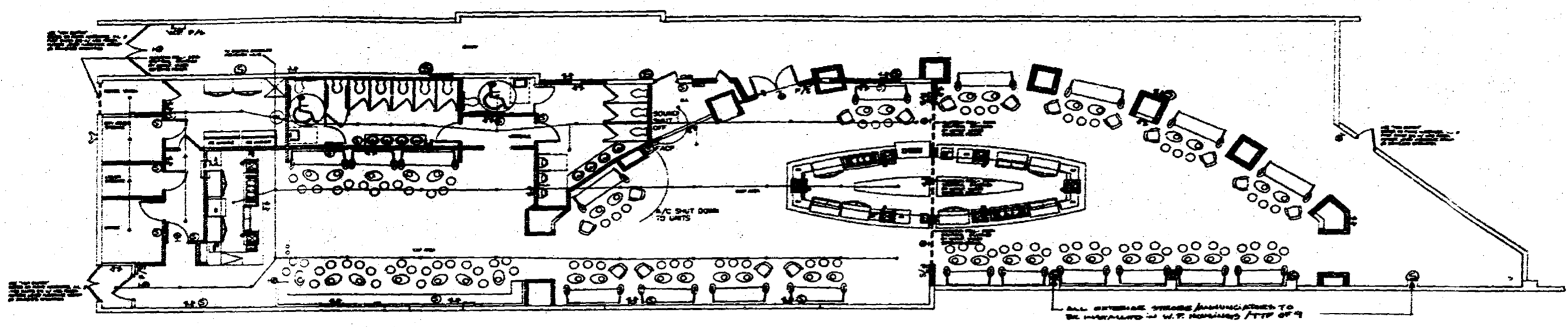
DANIA, FLA 33004

REVISIONS		SPRINKLERS				
NO.	DATE	SYMBOL	DESCRIPTION	TYPE	QTY	QTY

05

Fire Sprinklers
2 (sets)
City.

05



ALL SPRINKLER HEADS SHALL AUTOMATICALLY DROP 60% IN
 ALL 2 BRANCH SYSTEMS IN THE BRANCHES & BRANCH VESSELS
 ALL SPRINKLER HEADS SHALL BE 1/2" NPT
 ALL SPRINKLER HEADS SHALL BE 1/2" NPT
 ALL SPRINKLER HEADS SHALL BE 1/2" NPT

FURNITURE / FIRE PLAN
 SCALE: 1/8" = 1'-0"

- NOTE:**
- ADDITIONALS TO THE EXISTING FIRE SPRINKLER SYSTEM TO BE DONE BY OTHERS UNDER SEPARATE TENDR
 - ELEVATOR CHANGES AT ALL FLOORS TO BE NO GREATER THAN 1/2"
 - ALL EXISTING EMERGENCY LIGHTS TO BE REPAID W.P.

OFFICE COPY
 CITY OF MIAMI BEACH

APPROVED FOR PERMIT BY
 THE FOLLOWING:

BUILDING: _____
 ZONING: _____
 PLUMBING: _____
 ELECTRICAL: _____
 MECHANICAL: _____
 FIRE PREVENTION: _____
 ENGINEER NO.: _____
 PUBLIC WORKS: _____
 STRUCTURAL: _____
 FIRE: _____

SYMBOLS

- NEW SPRINKLER HEADS
- ⊕ PULL STATIONS
- ⊕ EXISTING SERVICE CONNECTION
- ⊕ FIRE ALARM CONTROL PANEL
- ⊕ STROBE/ANNUNCIATOR
- ⊕ EXIT LIGHTS
- ⊕ EMERGENCY LIGHTS

DOOR AND FRAME SCHEDULE

MARK	DOOR			FRAME					NOTES			
	WD	HGT	THK	MATL	GLAZING	WD	HT	MATL		EL	JAMB	SILL
001	3'-0"	7'-0"	2"	METAL	NO	N/A	N/A	METAL	METAL	METAL	METAL	LEVER HARDWARE/DEAD BOLT LOCK
002	2'-4"	7'-0"	2"	METAL	NO	N/A	N/A	METAL	METAL	METAL	METAL	LEVER HARDWARE/DEAD BOLT LOCK
003	8'-0"	8'-0"	1 3/4"	METAL	YES	N/A	N/A	METAL	METAL	METAL	METAL	WFR TO SUPPLY ALL SHOP DRINKINGS
004	3'-0"	8'-8"	1 1/2"	WOOD	NO	N/A	N/A	WOOD	WOOD	WOOD	WOOD	LEVER HARDWARE/AUTOMATIC CLOSURES
005	3'-0"	8'-8"	1 1/2"	WOOD	NO	N/A	N/A	WOOD	WOOD	WOOD	WOOD	LEVER HARDWARE
E-1												VON DUPRE SERIES 99 PANIC HARDWARE UL & FVSR SA 163 (N)

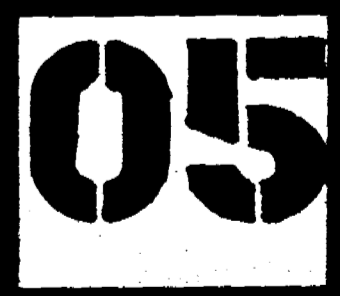
FINISH SCHEDULE

MARK	NAME	FLOOR				NORTH WALL		EAST WALL		SOUTH WALL		WEST WALL		CEILING		REMARKS
		MATL	FIN.	MATL	FIN.	MATL	FIN.	MATL	FIN.	MATL	FIN.	MATL	FIN.	MATL	FIN.	
100	ENTRY	TERRAZZO				1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	
101	MAIN AREA	TERRAZZO				1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	
102	D.J. BOOTH	CONCRETE				1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	
103	V.I.P AREA	TERRAZZO				1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	
104	MEN'S RESTROOM	SLATE	HONED	SLATE	HONED	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	
105	VESTIBULE	TERRAZZO				1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	
106	WOMEN'S RESTROOM	SLATE	HONED	SLATE	HONED	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	
107	BACK STORAGE AREA	CONCRETE				1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	
108	OFFICE	CONCRETE				1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	
109	LIQUOR STORAGE	CONCRETE				1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	
110	DRY GOODS STORAGE	CONCRETE				1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	

Handwritten signature and date:
 12/12/00

Furniture/Fire Plan & Schedule

VOID
A-9





RAIN
 Various Renovations
 323 23rd Street
 Miami Beach, FL 33139

PROJECT NO.: JC-50

DRAWN BY: TT

DATE: 11/07/00

REVISIONS:

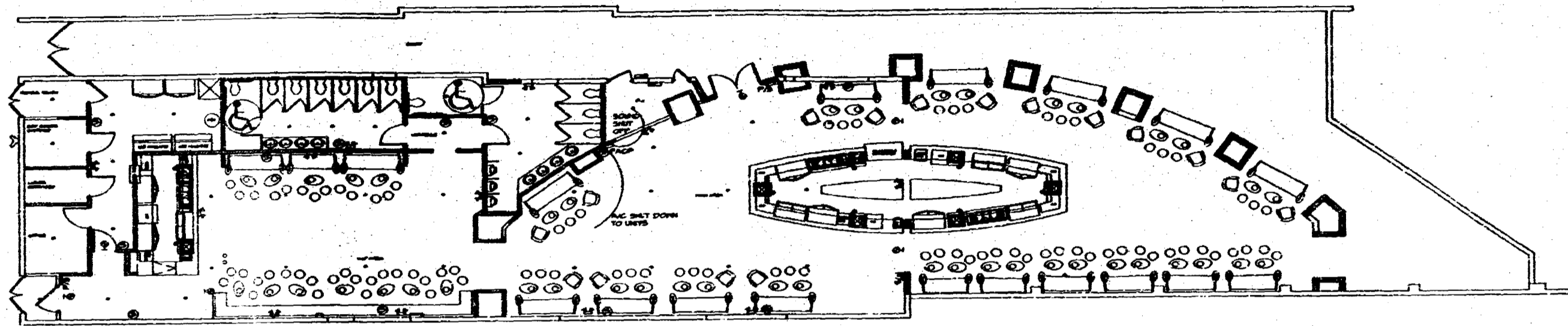
- 1
- 2
- 3
- 4
- 5

Wally Lewis
 11-12-00

Furniture/Fire
 Plan
 &
 Schedule

VOID
 A-9

DRAWING No. 12 OF 22



FURNITURE/FIRE PLAN
 SCALE: 1/8" = 1'-0"

SYMBOLS

- NEW SPARKLER HEADS
- FALL STATIONS
- ∩ EXISTING SEWAGE CONNECTION
- ☒ FIRE ALARM CONTROL PANEL
- ⊙ STROBE/ANNUNCIATOR
- ⊕ EXIT LIGHTS
- ⚡ EMERGENCY LIGHTS

DOOR AND FRAME SCHEDULE

MARK	DOOR			FRAME								NOTES	
	WD	HGT	THK	MATL	GLAZING	WD	HGT	MATL	EL	HEAD	JAMB		SILL
001	3'-0"	7'-0"	2"	METAL	NO	N/A	N/A	METAL	METAL	METAL	METAL	METAL	LEVER HARDWARE/DEAD BOLT LOCK
002	2'-4"	7'-0"	2"	METAL	NO	N/A	N/A	METAL	METAL	METAL	METAL	METAL	LEVER HARDWARE/DEAD BOLT LOCK
003	6'-0"	8'-0"	1 3/4"	METAL	YES	N/A	N/A	METAL	METAL	METAL	METAL	METAL	MFGOR TO SUPPLY ALL SHOP DRAWINGS
004	3'-0"	6'-8"	1 1/2"	WOOD	NO	N/A	N/A	WOOD	WOOD	WOOD	WOOD	WOOD	LEVER HARDWARE/AUTOMATIC CLOSURES
005	3'-0"	6'-8"	1 1/2"	WOOD	NO	N/A	N/A	WOOD	WOOD	WOOD	WOOD	WOOD	LEVER HARDWARE
E-1													VON DUPRYN SERIES 99 PAMIC HARDWARE UL # FVSR SA 163 (M)

FINISH SCHEDULE

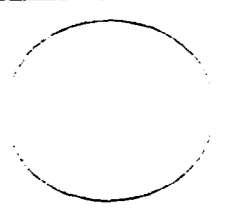
MARK	NAME	FLOOR		BASE		NORTH WALL		EAST WALL		SOUTH WALL		WEST WALL		CEILING		REMARKS
		MATL	FIN.	MATL	FIN.	MATL	FIN.	MATL	FIN.	MATL	FIN.	MATL	FIN.	MATL	FIN.	
100	ENTRY	TERRAZZO				1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	
101	MAIN AREA	TERRAZZO				1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	
102	D.J. BOOTH	CONCRETE				1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	
103	V.I.P. AREA	TERRAZZO				1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	
104	MEN'S RESTROOM	SLATE	HONED	SLATE	HONED	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	
105	VESTIBULE	TERRAZZO				1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	
106	WOMEN'S RESTROOM	SLATE	HONED	SLATE	HONED	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	
107	BACK STORAGE AREA	CONCRETE				1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	
108	OFFICE	CONCRETE				1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	
109	LIQUOR STORAGE	CONCRETE				1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	
110	DRY GOODS STORAGE	CONCRETE				1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	1/2" DRYWALL	PAINT	



05

RAIN
Various Renovations
323 23rd Street
Miami Beach, FL 33139

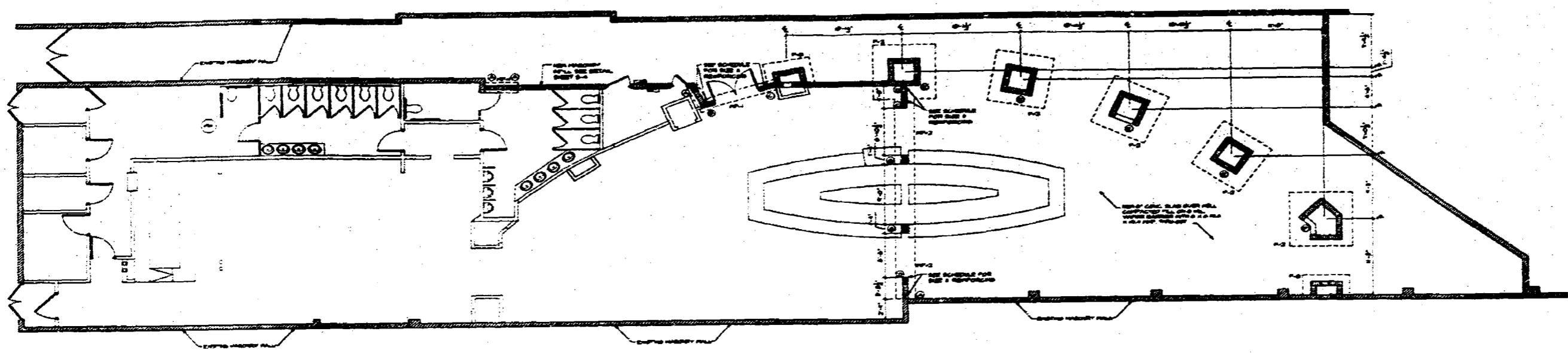
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DATE: 10/7/00
REV: 5/05



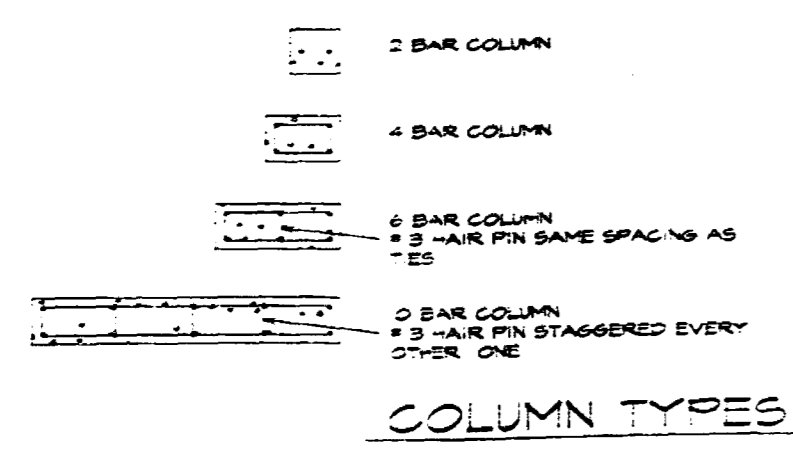
Foundation Plan & Schedules

S-1

DRAWING No. 13 OF 22



FOUNDATION PLAN
1/8" = 1'-0"



FOUNDATION NOTE
1) TOP OF FOOTING = 1'-0" BELOW EXISTING GRADE OR MATCH EXISTING
2) DRILL & EPOXY FOOTING STEEL INTO EXISTING FOUNDATION FOR MIN OF 8". USE M-50 EPOXY BY - -
3) PROVIDE 3 X 2 TDE A 1 #5 CONT FOR ALL FREE STANDING SLABS

COLUMN SCHEDULE

NO.	TYPE	SIZE	REINFORCEMENT	REMARKS
1	CONC.	8 X 8	2 #5	N/A
2	CONC.	8 X 20	6 #5	#5 @ 8" TWO SETS OF TIES REQ'D
3	CONC.	8 X 24	6 #5	#5 @ 8" TWO SETS OF TIES REQ'D
4	CONC.	8 X 12	4 #5	#5 @ 8"
5	BLK.	8 X 40	10 #5	SEE DETAIL ON SHEET S-5
6	BLK.	SEE DETAIL	SEE DETAIL	SEE DETAIL ON SHEET S-5
7	CONC.	8 X 6	6 #5	#5 @ 8" TWO SETS OF TIES REQ'D

FOOTING SCHEDULE

NO.	TYPE	REMARKS
AF-1	13 X 12	WITH 2 #5 CONT.
AF-2	13 X 12	WITH 3 #5 TOP & BOTTOM, #4 @ 2" TRANSVERSE STR.
F-1	6 X 8 @ 8"	6 #5 TOP & BOTTOM EACHWAY
F-2	6 X 8 @ 8"	6 #5 TOP & BOTTOM EACHWAY
F-3	6 X 8 @ 8"	6 #5 STR. # 8 4 #5 LINT. # 8

BEAM SCHEDULE

NO.	TYPE	REMARKS
RB-1	12 X 24	WITH 2 #5 TOP & BOTTOM #5 STRUPLRS @ 8" O.C.
RB-2	13 X 24	2 #5 TOP & BOTTOM @ 5" O' O.C.

FILL LEGEND

- INDICATES COLUMN SIZE SCHEDULE FOR SIZE & REINFORCEMENT
- INDICATES COLUMN BELOW THIS LEVEL
- ▨▨▨▨ INDICATES EXISTING MASONRY WALLS
- ▨▨▨▨ INDICATES NEW MASONRY WALLS
- ▨▨▨▨ MASONRY WALLS SEE SHEET S-4 FOR DETAIL

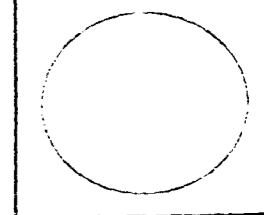
APPROVED
TELESCO ASSOCIATES
ENGINEER
PUBLIC RECORD
STRUCTURAL
ACCESSIBILITY
ELEVATOR

05

RAIN
 Various Renovations
 323 23rd Street
 Miami Beach, FL 33139

PROJECT NO. 00-00
 DRAWN BY: LN
 DATE: 10/10/00

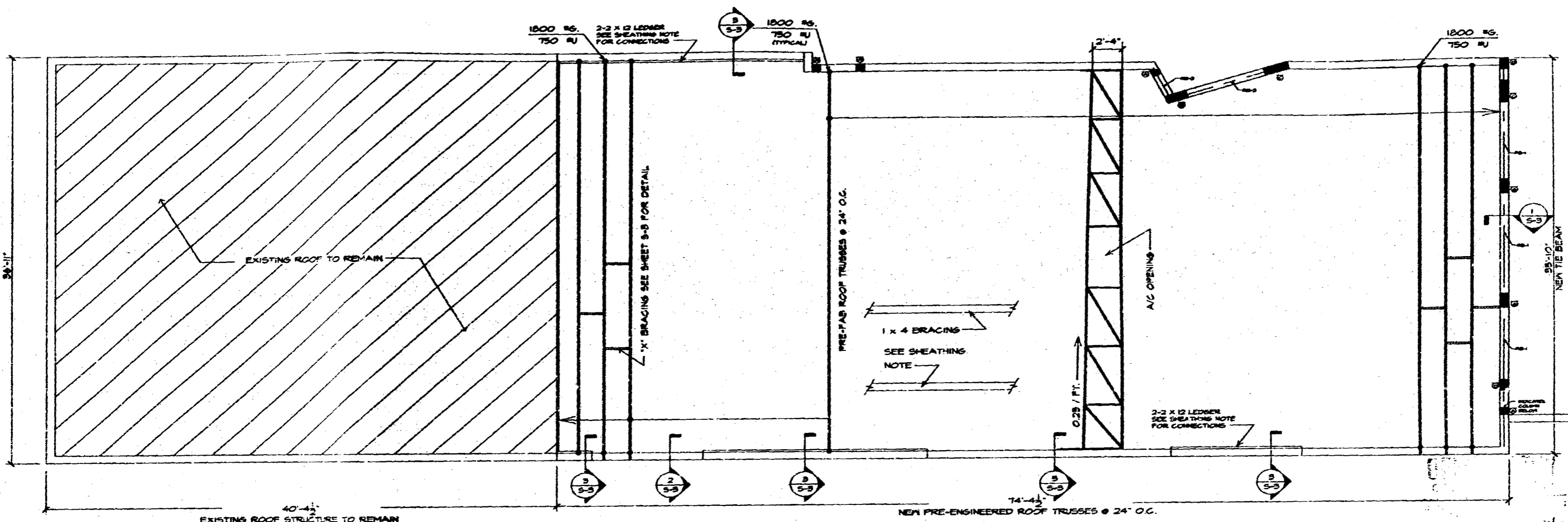
REVISIONS
 1. 12/21/00



Typical
 Sections
 &
 Details

S-2

DRAWING No. 15 OF 22



ROOF REPLACEMENT PLAN
 SCALE = 1/4" = 1'-0"

STRUCTURAL NOTES

- ALL CONCRETE SHALL REACH A MINIMUM DESIRED ULTIMATE STRENGTH OF 3000 PSI IN 28 DAYS.
- REINFORCING STEEL SHALL BE INTERMEDIATE GRADE A.S.T.M. A-615(60 KSI YIELD).
- CONCRETE COVERAGE SHALL BE AS FOLLOWS:
 GRADE BEAMS & FOOTINGS:
 3" FROM BOTTOM TO TIES OR STIRRUPS
 2" FROM TOP & SIDES
 SLAB AT GRADE:
 PROVIDE 2" COVER FOR BOTTOM STEEL
 PROVIDE 1" COVER FOR TOP STEEL WHEN UNDER ENCLOSED PROTECTIVE COVER.
 SLAB ABOVE GRADE:
 PROVIDE 1 1/2" COVER WHEN EXPOSED TO ELEMENTS FOR TOP REINFORCING.
 PROVIDE 1" COVER TO BOTTOM REINFORCING.
 PROVIDE 1" COVER TO TOP REINFORCING WHEN UNDER PROTECTIVE COVER.
 ALL OTHER BEAMS & COLUMNS:
 1 1/2" COVER TO TIES AND STIRRUPS.
- ROOF TRUSSES
 ALL ROOF TRUSSES SHALL BE DESIGNED BY THE FABRICATOR. SHOP DRAWINGS BEARING THE SEAL OF AN ENGINEER REGISTERED IN THE STATE OF FLORIDA SHALL BE SUBMITTED TO THE ARCHITECT OR ENGINEER FOR APPROVAL PRIOR TO FABRICATION TO ASSURE INTEGRITY OF THE STRUCTURE HAS NOT CHANGED DUE TO THE LOADING CONDITIONS. ROOF TRUSSES SHALL BE DESIGNED FOR 50 PSF GRAVITY LOADS AND 10 PSF DEAD LOAD RESISTING UP LIFT.

- SLAB ON GRADE CONSTRUCTION JOINTS SHALL BE TOOLED OR SAW CUT (WITH 24 HOURS OF PLACING CONCRETE) THE JOINT PATTERN SHALL BE SQUARE AND LIMITED TO THE AREA NOT EXCEEDING 625 SQUARE FEET WITH AN ASPECT RATIO OF NOT MORE THAN 2:1
- CONTRACTOR MUST VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE PROCEEDING WITH THE WORK AND REPORT ANY DISCREPANCIES TO THE ARCHITECT AND ENGINEER FOR APPROPRIATE ACTION AND ALL WORK SHALL BE EXECUTED IN ACCORDANCE WITH ALL LOCAL AND NATIONAL BUILDING CODES AND GOVERNING REGULATIONS.

SOIL BEARING CAPACITY

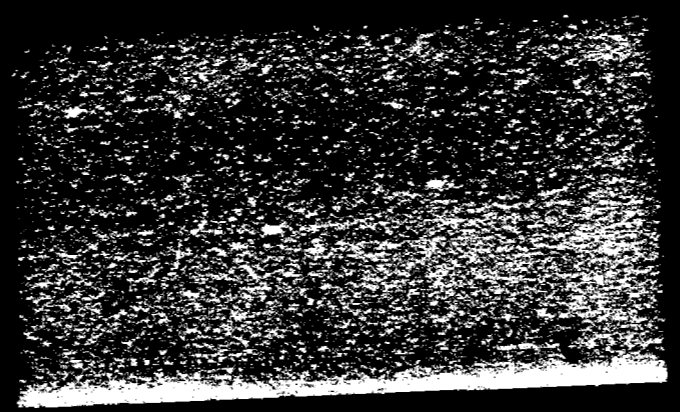
- A SUBSURFACE INVESTIGATION HAS BEEN COMPLETED AT THE PROJECT ADDRESS SITE BY DYNATECH ENG. CORP., 750 WEST 84TH STREET, HIALEAH, FL. TELEPHONE # (305) 828 - 7499 SOIL BORING LOGS AND SITE PREPARATION PROCEDURES ARE INCLUDED IN THE PROJECT SOIL REPORT (DATE: SEPTEMBER 27, 2000), WHICH IS AN INTEGRAL PART OF THESE CONTRACT DOCUMENTS. ALL SITE WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE PROJECT SOIL REPORT.
- DESIGN SOIL BEARING PRESSURE = 3000 PSF
- A QUALIFIED TESTING LABORATORY SHALL BE RETAINED TO PERFORM THE FOLLOWING TESTS:
 A. ONE DENSITY TEST FOR EACH 2000 SQ. FT. OF COMPACTED SUBGRADE AND COMPACTED FILL.
- ALL SOIL AND FILL UNDER FLOORS AND WITHIN BUILDINGS SHALL HAVE SOIL TREATMENT FOR PROTECTION AGAINST TERMITES AS PER SECTION 2409.46 S.F.B.C. DADE COUNTY EDITION 1994

SUPERIMPOSED LOADS:

- ROOF TRUSSES
 LIVE LOAD 30 PSF
 ROOF DEAD LOAD 10 PSF
 CEILING DEAD LOAD 10 PSF
 FLOOR LOADS:
 LIVE LOAD 100 PSF
 DEAD LOAD 25 PSF
- WIND LOADS:
 110 M.P.H. AS PER ANCHORS 3-13
 CATEGORY I
 EXPOSURE C
 IMPORTANCE FACTOR 1.0
 UPLIFT ON ROOF STRUCTURE 33.0 PSF
 DEAD LOAD RESISTING UPLIFT: 10 PSF

ROOF SHEATHING NAILING SCHEDULE (3/4 CDX 10d GALV.)

- (DO NOT USE MECHANICAL DEVICE)
- NAIL 3/4" PLYWOOD AT 6" O.C. WITH 10d NAILS THROUGH EXCEPT AT GABLE END 4'-0" O.C. FOR FIRST TWO TRUSSES
 - PROVIDE 1 x 4 CONT. BOTTOM CHORD BRACING @ 8' O.C.
 - ALL NAILS MUST BE RING SHANK GALVANIZED. ALL ROOF CONNECTORS MUST BE HOT DIP GALVANIZED
 - USE DTC TRUSS ANCHOR FOR ALL TRUSSES UNLESS OTHERWISE NOTED
 - 1/2" CDX PLYWOOD SOFIT AREA IV 8d NAILS @ 6" O.C.
 - USE 3/4" CDX PLYWOOD FOR ALL EXTERIOR PARAPET WALL IV 10d NAILS @ 6" O.C.
 - ANCHOR 2 - 2 x 12 TO EXISTING TIE BEAM IV 3/4" DIA. X 10" LONG EXPANSION BOLTS @ 16" O.C.



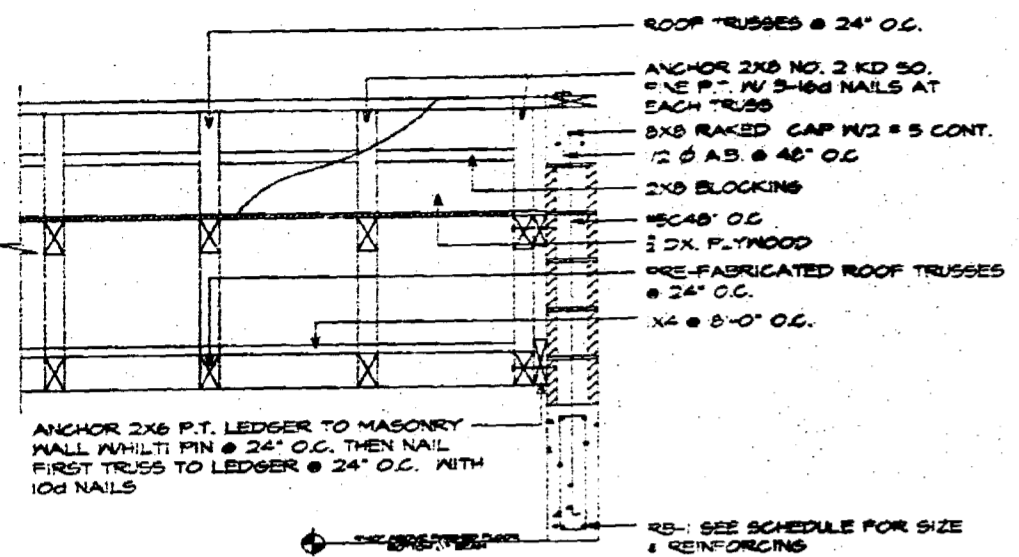
05

RAIN
 Various Renovations
 323 23rd Street
 Miami Beach, FL 33139

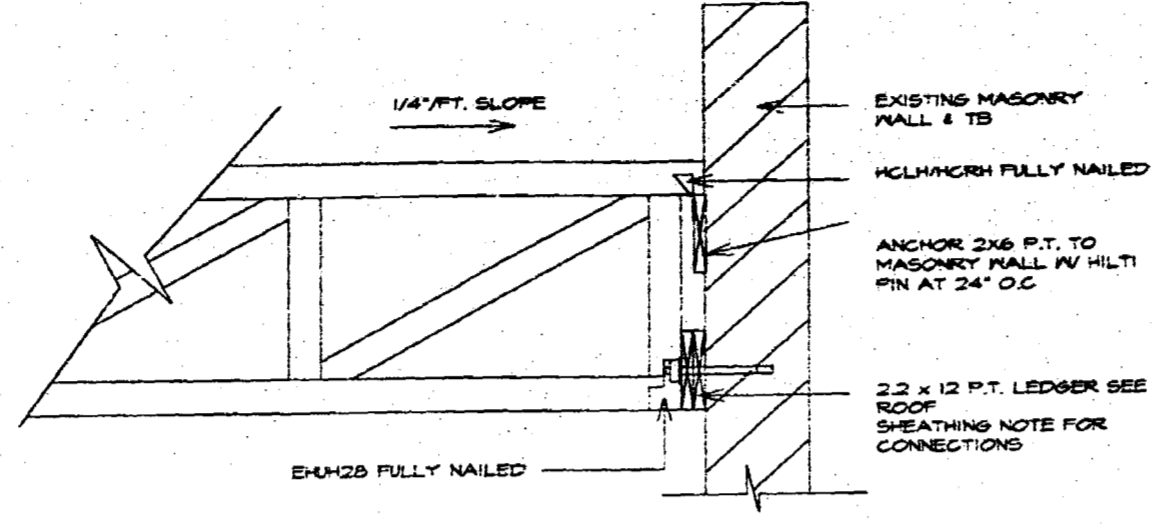
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DRAWN BY	LN
DATE	11/01/00
REV'S ON:	
1	
2	
3	
4	
5	
6	

Typical Sections & Details

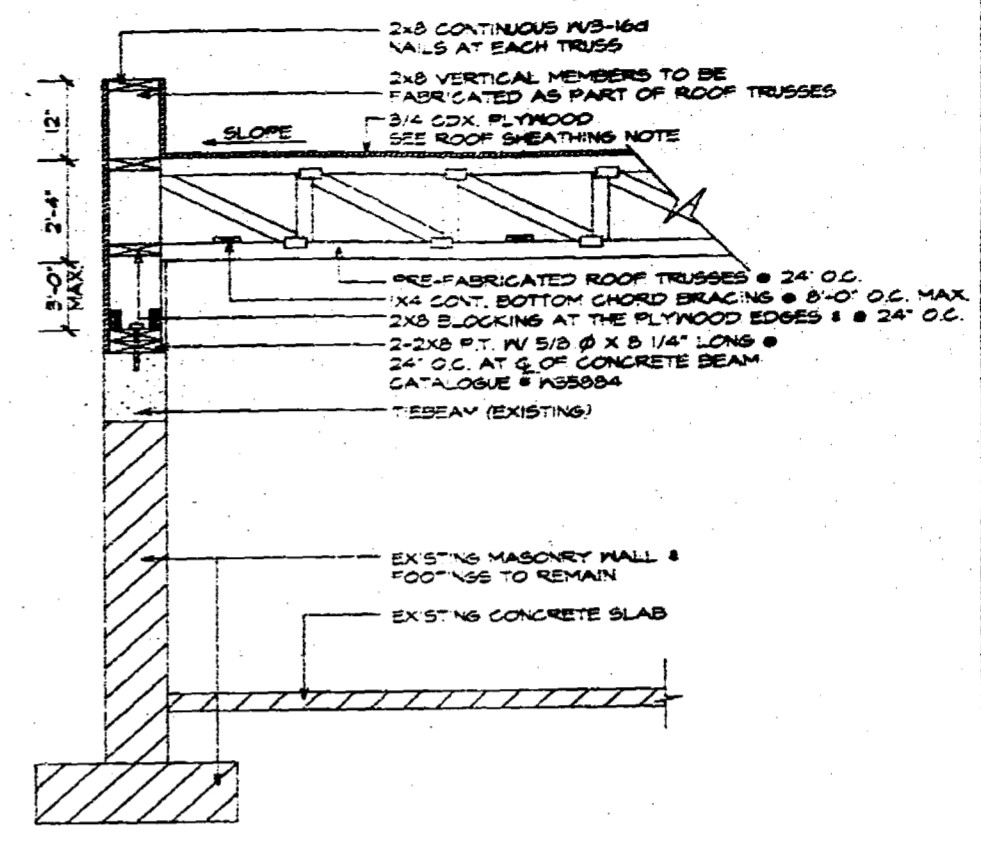
S-3
 DRAWING No. 14 OF 22



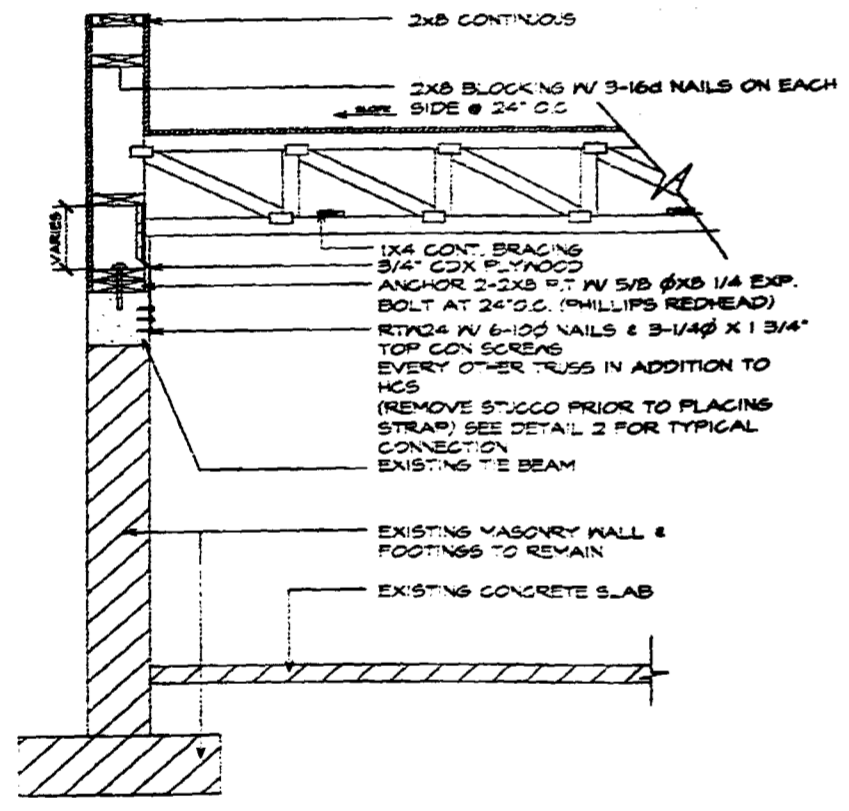
1 GABLE END DETAIL
 3/4\"/>



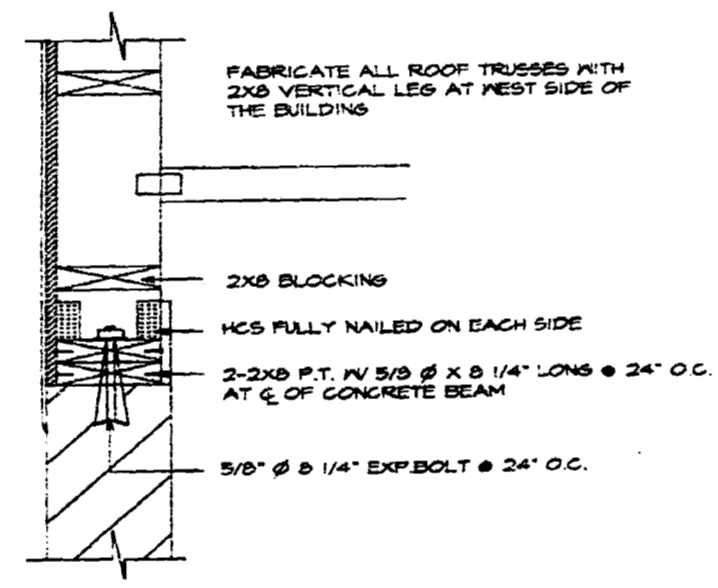
3 TYPICAL WALL SECTION
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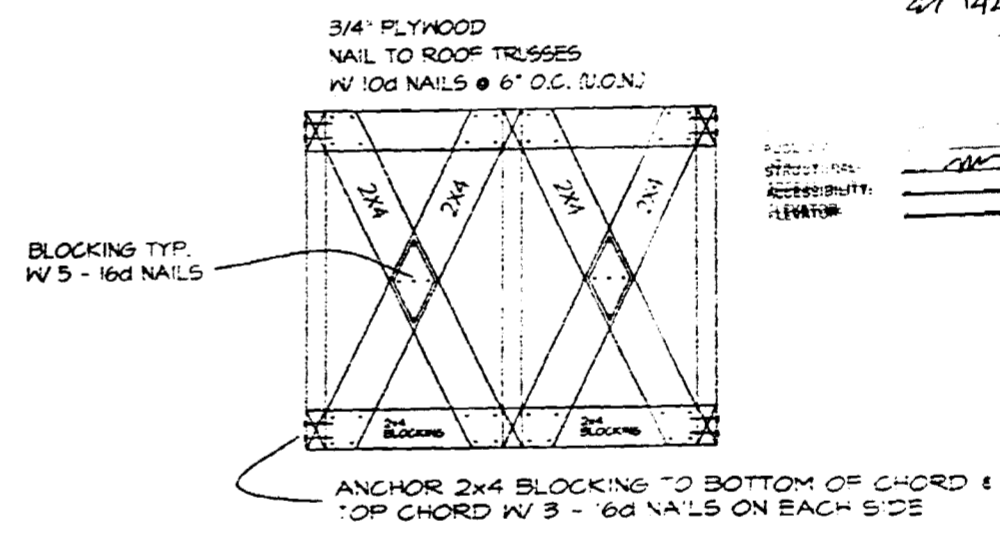
5 TYPICAL SECTION
 3/4\"/>



2 TYPICAL SECTION
 3/4\"/>

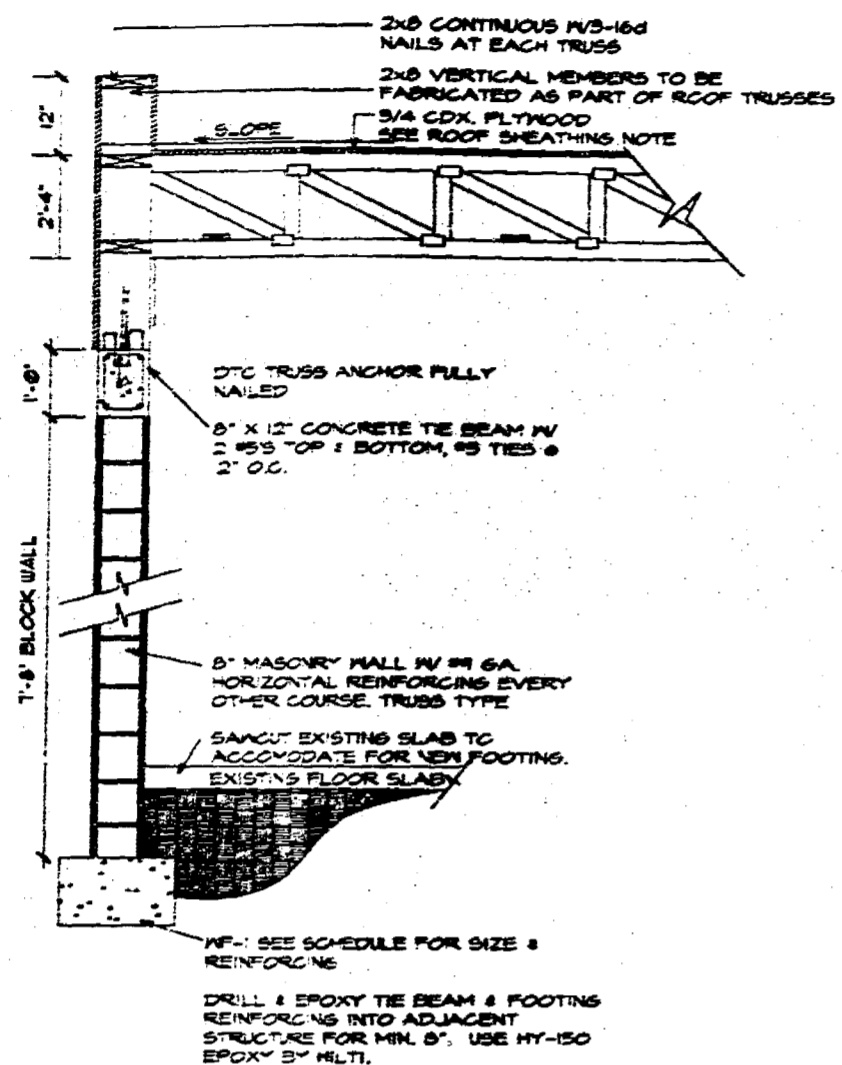


4 TYPICAL TRUSS CONNECTION DETAIL
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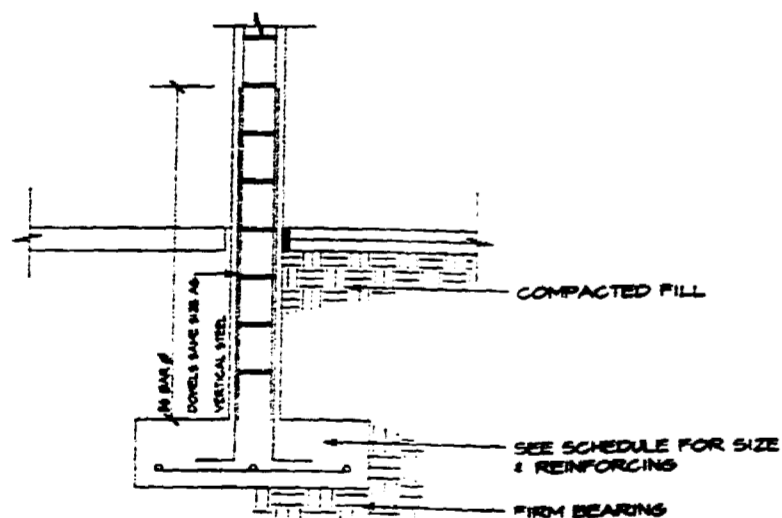


6 TYPICAL 'X' BRACING DETAIL
 1/2\"/>

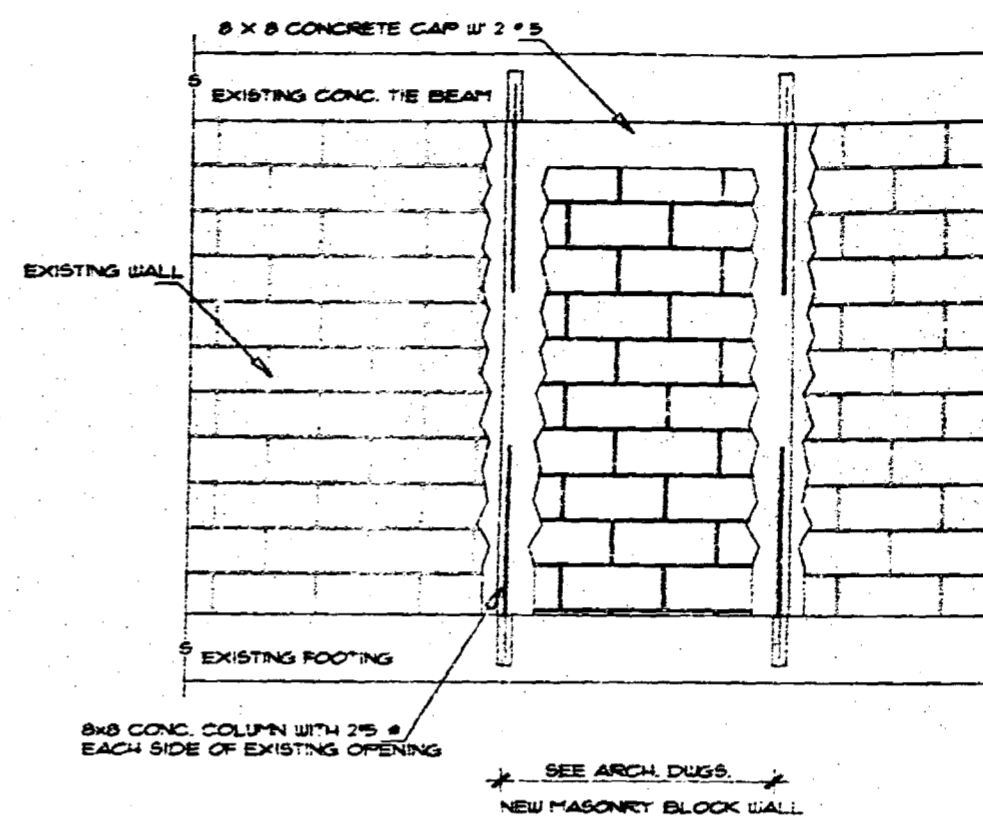
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1 NEW MASONRY WALL SECTION
3/4" x 1'-0"

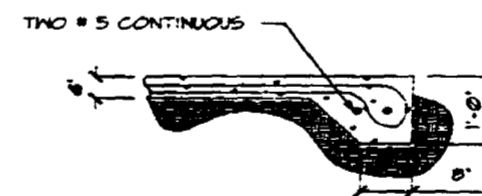


2 CONCRETE COLUMN DETAIL
3/4" x 1'-0"



BLOCKING UP EXISTING OPENING

1. DRILL 4 EPOXY #5 FOR MINIMUM OF 8" INTO EXISTING TB & FOOTING
2. USE HORIZONTAL REINFORCING #3 GAUGE LADDER TYPE EVERY OTHER COURSE
3. DRILL 4 EPOXY #5 @ 48" O.C. WHEN OPENING EXCEEDS 4'-0" (MIN. 2 #5)
4. BREAK END WEBS OF EXISTING MASONRY BLOCK AND PLACE CONC. MONOLITHIC WITH 8x8 COLUMN
5. REMOVE CAVITY CAP, FELT, ANY BOND BREAKER PRIOR TO PLACING CONCRETE



3 THICKENED EDGE SLAB DETAIL
3/4" x 1'-0"

HOSPITALITY ARCHITECTURE
INTERIOR DESIGN
TL
TELESCO
ASSOCIATES
280 95TH STREET, SUITE 203
SURFIDE, FL 33154
TEL: 305 888 1114
FAX: 305 888 2117
WWW.TELESOCO.COM
ARCHITECTS REGISTERED STATE OF FLORIDA
LICENSE # 14229

RAIN
Various Renovations
323 23rd Street
Miami Beach, FL 33139

PROJECT NO. 00-00

DRAWN BY: JN

DATE: 07-00

REVISIONS:

REVISIONS:

REVISIONS:

REVISIONS:

REVISIONS:

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Typical
Sections &
Details

S-4

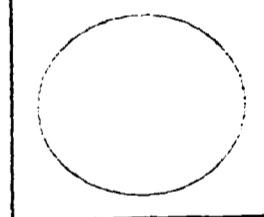
DRAWING No. 14 OF 22

05

TELESCO ASSOCIATES
 262 95TH STREET SUITE 205
 SUFFOLK, FL 33564
 TEL 305 886 1274
 FAX 305 886 5317
 www.teleco.com
 LICENSE # AA 7264

RAIN
 Various Renovations
 323 23rd Street
 Miami Beach, FL 33139

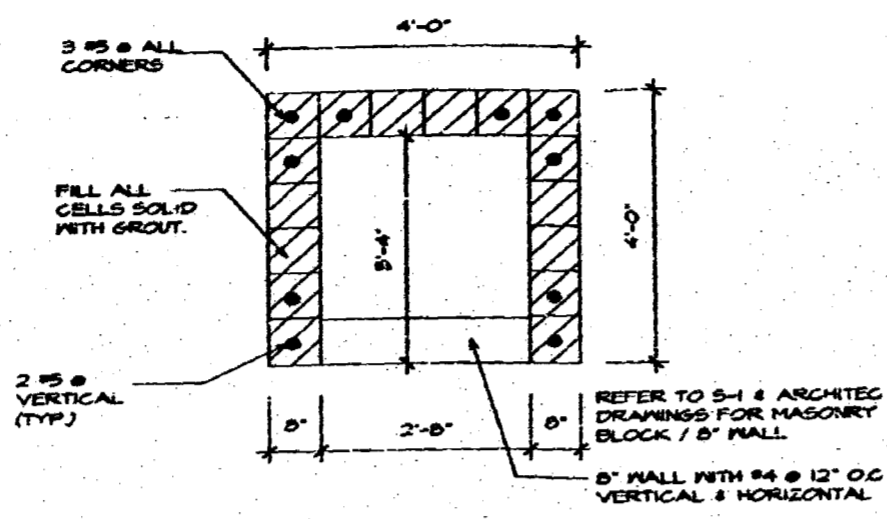
PROJECT NO.: 00-50
 DRAWN BY: LN
 DATE: 07-00
 REVISIONS:



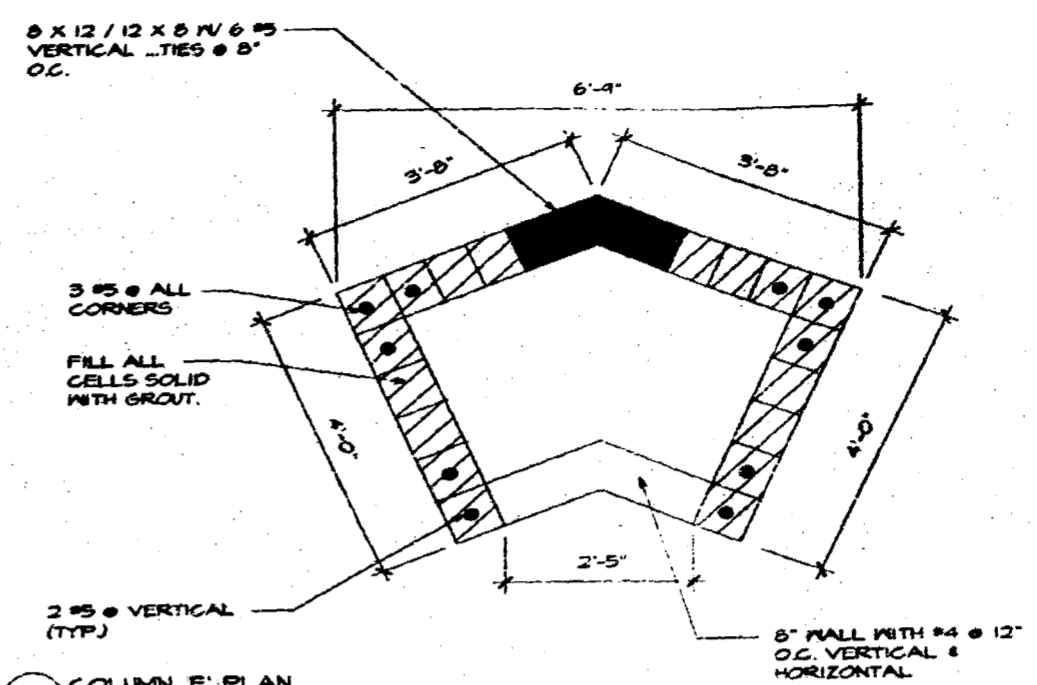
Column Details

S-5

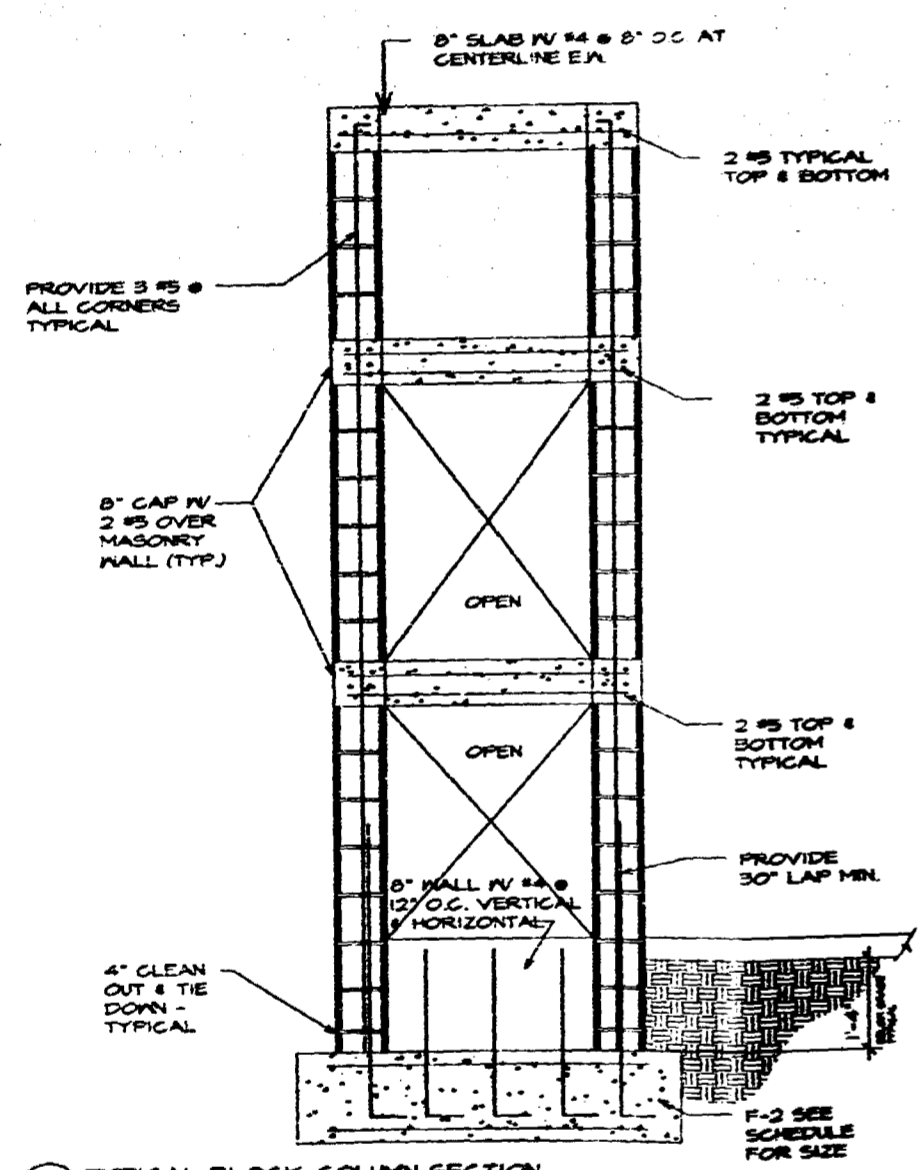
DRAWING No. 17 OF 22



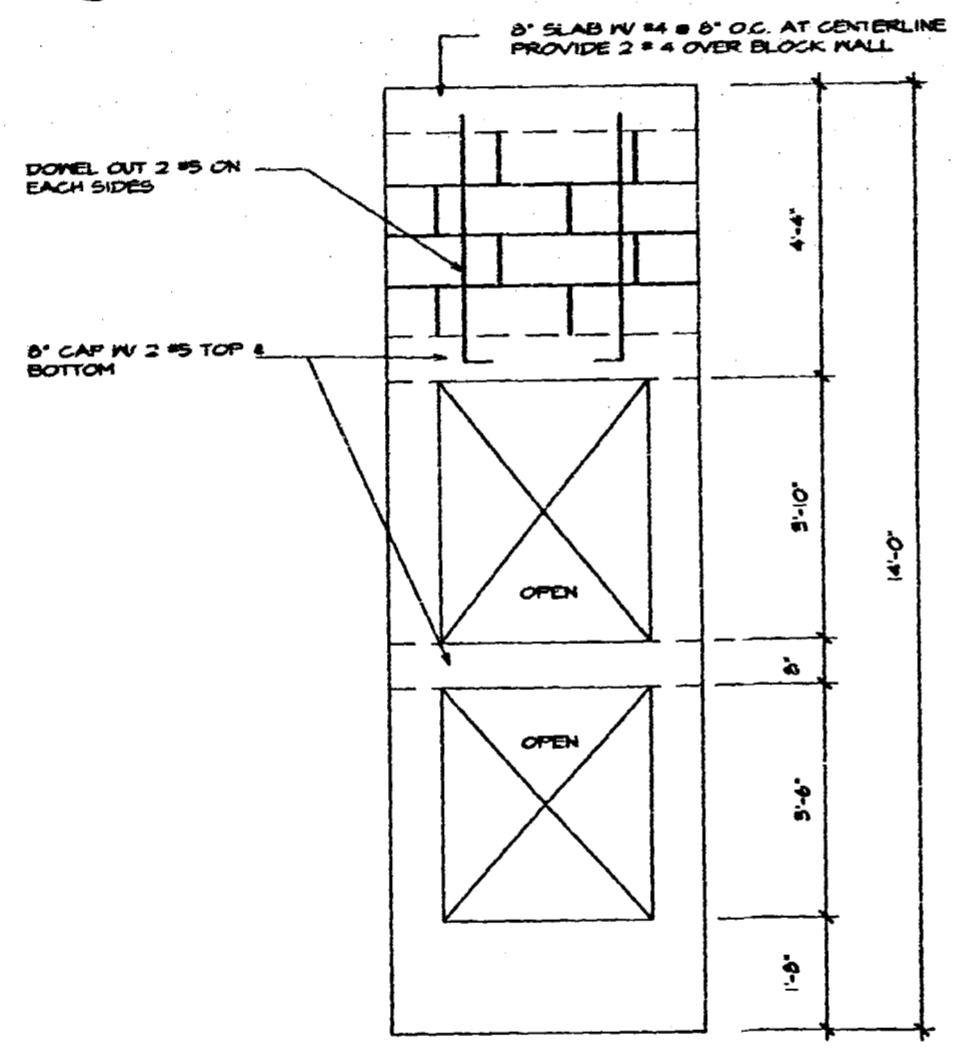
2 COLUMN E PLAN
 3/4" = 1'-0"



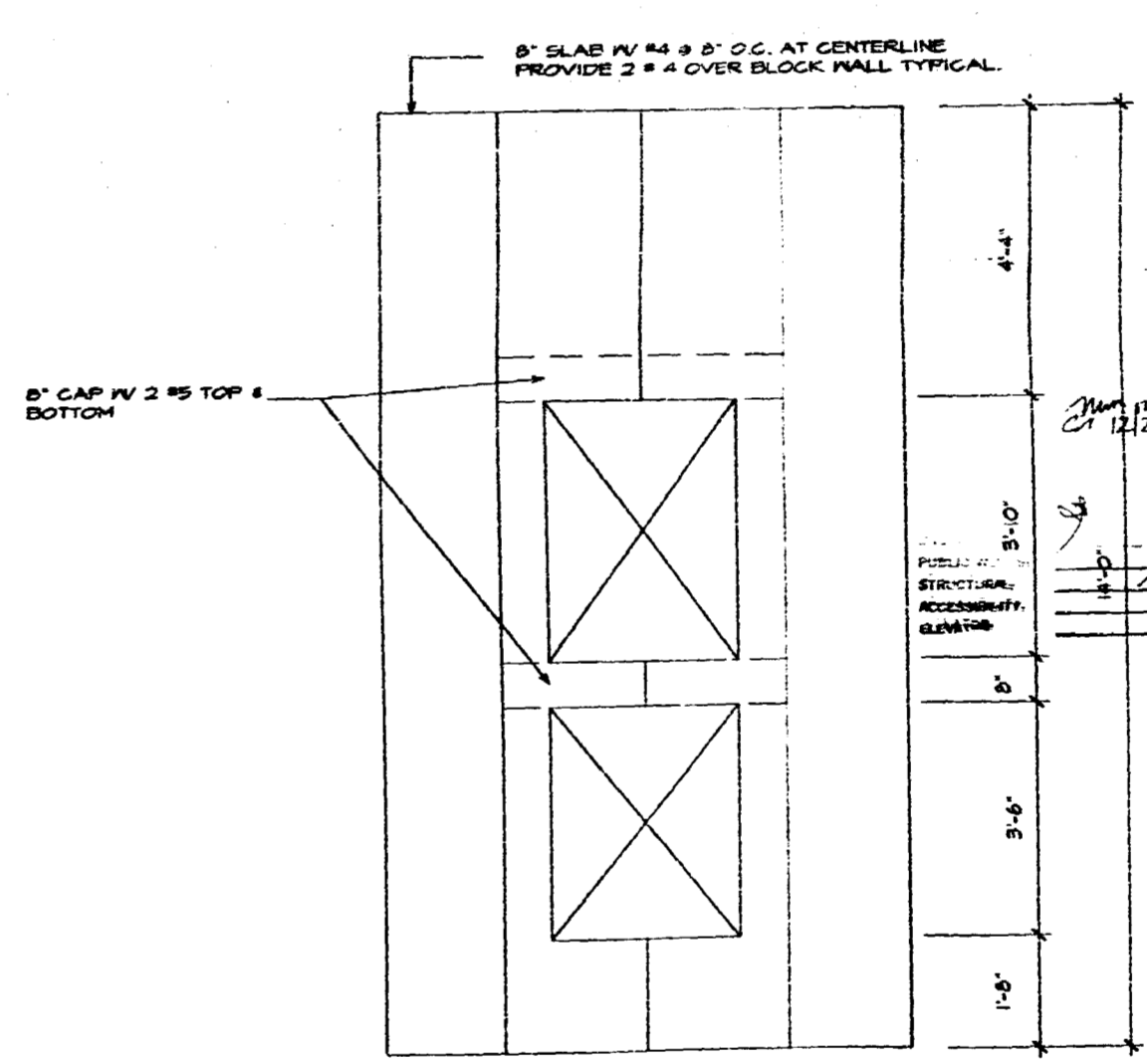
4 COLUMN F PLAN
 3/4" = 1'-0"



1 TYPICAL BLOCK COLUMN SECTION
 3/4" = 1'-0"



3 COLUMN E ELEVATION
 3/4" = 1'-0"



5 COLUMN F ELEVATION
 3/4" = 1'-0"

Handwritten notes: *Check with CA 12/29/00*

Handwritten signature: *LN*



05



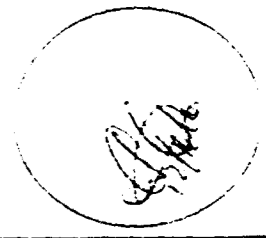
TELESCO & ASSOCIATES
260 95th STREET, SUITE 203
SURFIDE, FLORIDA 33154
PHONE: (305) 866-1014
FAX: (305) 866-3317

**RAIN
RENOVATIONS**
323 23RD STREET
MIAMI BEACH, FL 33139

OFFICE COPY
CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY
THE FOLLOWING:

PLUMBING
ELECTRICAL
MECHANICAL
FIRE PREVENTION
ENGINEERING
PUBLIC WORKS
STRUCTURAL
ACCESSIBILITY
NAVIGATOR

PROJECT NO:
DRAWN BY: JLV/ER
DATE: 10/8/00
REVISIONS:
1. REVISED PER 10/10/00

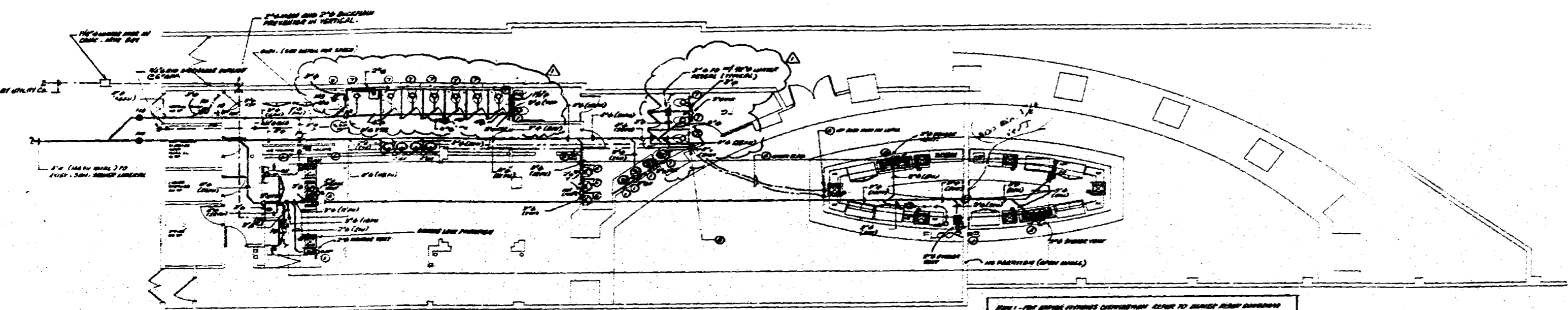


FLOOR PLAN,
PLUMBING

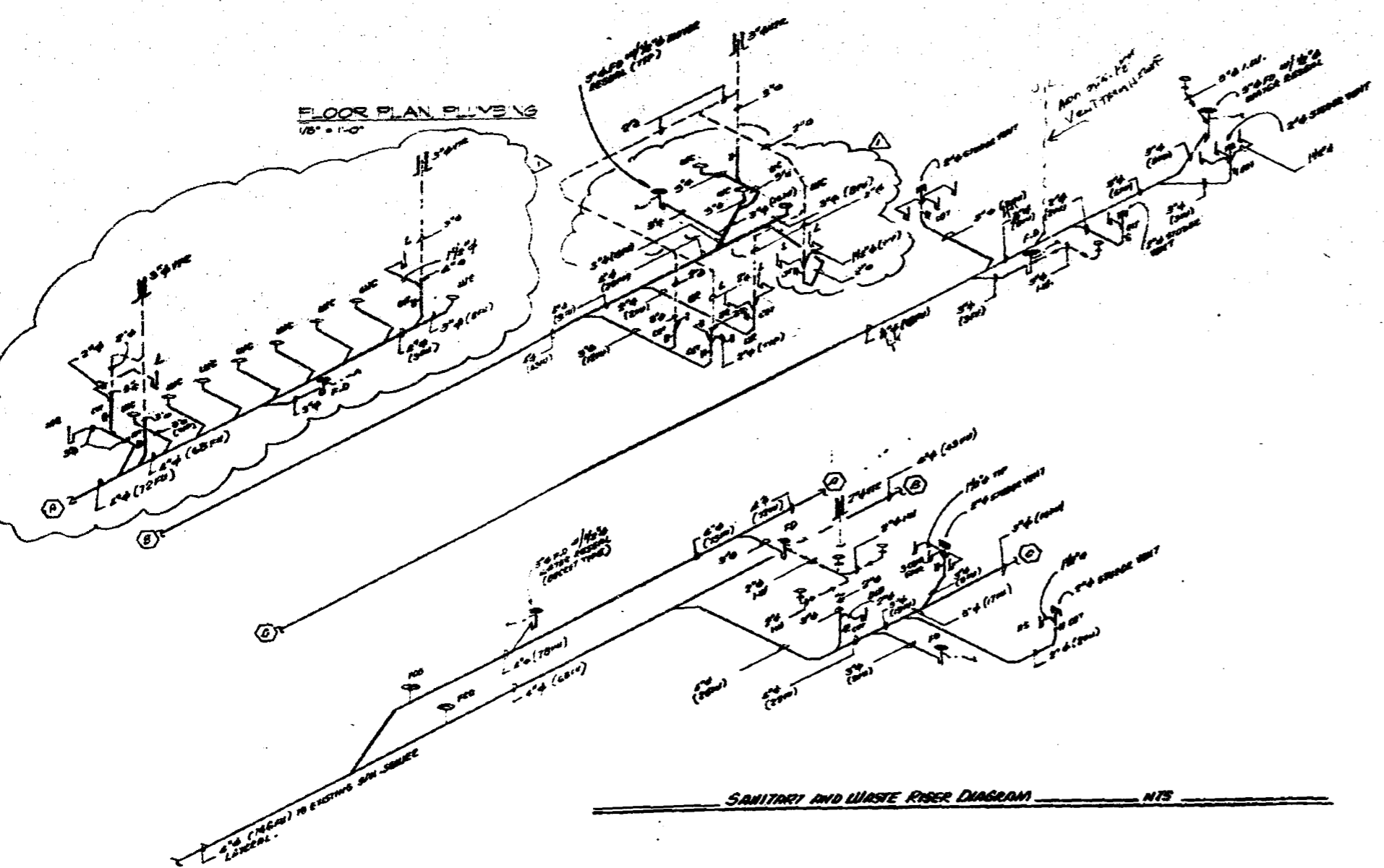
P-1

TUPACK RYAN PE
CONSULTING ENGINEER, L.C. 4027 FLA.
10001 SW 5th STREET # 3
(305) 866-0101 FAX (305) 866-2275
MIAMI, FLORIDA 33144

05



NOTE 1 - FOR SHOWER FIXTURES CONNECTIONS REFER TO SHOWER ROOM DRAWINGS
- ALL SHOWER PIPES 2" IN DIAMETER SHALL BE 1/2" THICK PER IFC.
- SEE C-100 DRAWING FOR IFC.

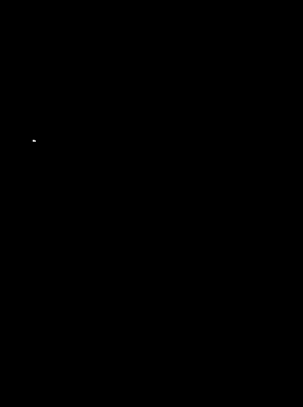


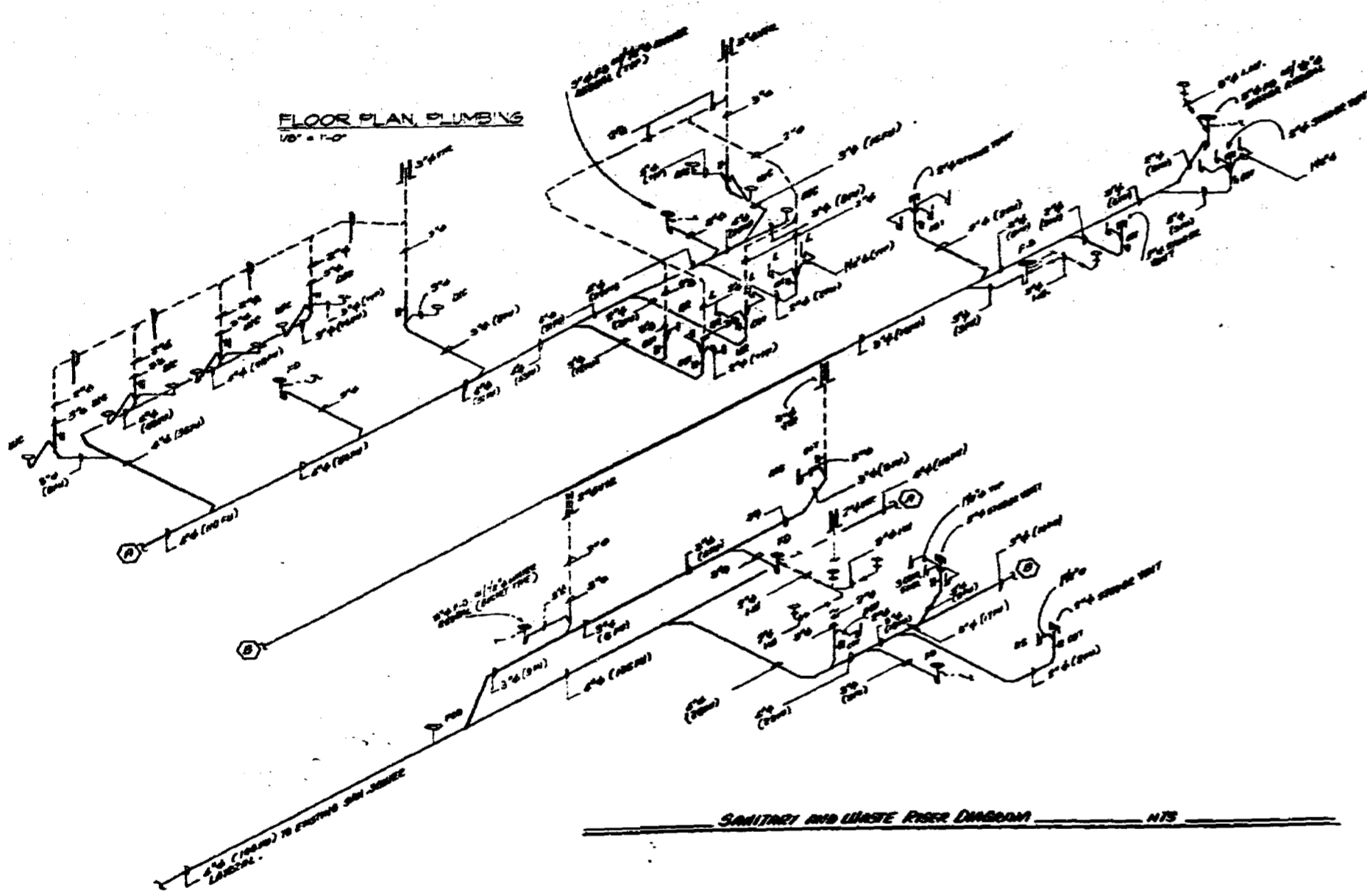
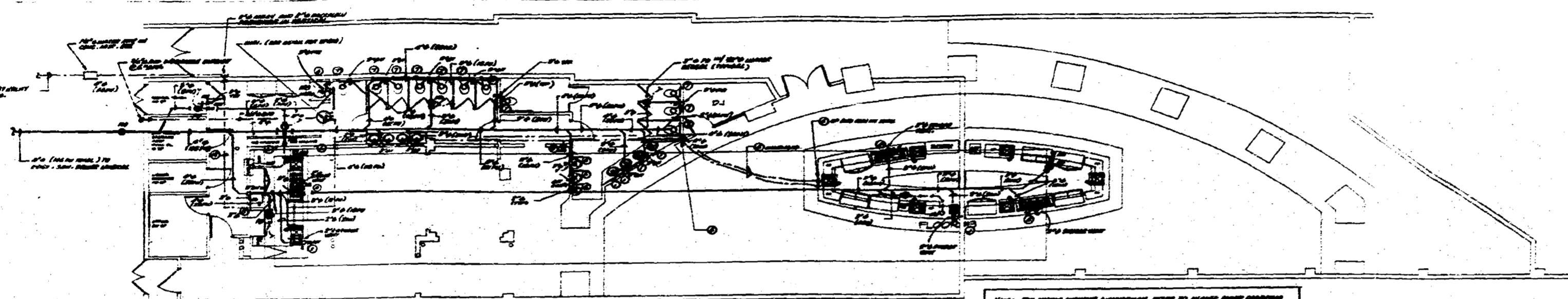
SANITARY AND WASTE RISER DIAGRAM NTS

GENERAL PLUMBING NOTES

1. ALL WORK SHALL COMPLY WITH ALL LOCAL, STATE FEDERAL, ORDINANCES AND BUILDING CODES EXCEPTING THE PROVISIONS HEREIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AGENCIES INVOLVED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AGENCIES INVOLVED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AGENCIES INVOLVED.

2. THE CONTRACTOR SHALL OBTAIN AND PAY ALL NECESSARY INSURANCE COVERAGE INCLUDING BUT NOT LIMITED TO WORKERS COMPENSATION, LIABILITY AND AUTOMOBILE LIABILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AGENCIES INVOLVED.





NOTE: THIS IS "AN EXISTING ENVIRONMENT", AS SHOWN AND NOTED IN SHOP DRAWINGS.

GENERAL PLUMBING NOTES

ALL WORK SHALL CONFORM WITH ALL LOCAL, STATE, FEDERAL, DEPARTMENT AND BUILDING CODES GOVERNING THE INSTALLATION OF THE PLUMBING SYSTEM. IF MORE AS LATER OR AMENDED OR SUPPLEMENTED BY ANY LOCAL, STATE OR FEDERAL CODES OR REGULATIONS, THE CONTRACTOR SHALL REPORT IN WRITING TO THE ARCHITECT BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS AS REQUIRED BY THE LOCAL, STATE OR FEDERAL AUTHORITIES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS AS REQUIRED BY THE LOCAL, STATE OR FEDERAL AUTHORITIES.

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE PLUMBING CODES AND REGULATIONS.

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ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE PLUMBING CODES AND REGULATIONS.

OFFICE COPY

TELESCO
 TELESCO & ASSOCIATES
 260 95th STREET, SUITE 205
 SUDBURY, FLORIDA 33154
 PHONE: (305) 866-1814
 FAX: (305) 866-3317

RAIN
 RENOVATIONS
 323 23RD STREET
 MIAMI BEACH, FL 33139

PROJECT No.:

DRAWN BY: LMR

DATE: 01/10/00

REVISIONS:

[Signature]

[Stamp]

P-1

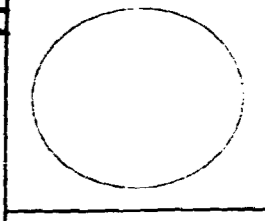
TUPACK RHEA P.E.
 CONSULTING ENGINEER, L.L.C. 4021 FLA.
 10301 SW 3 STREET # 3
 (305) 580-0300 FAX (305) 583-2275
 FT. LAUDERDALE, FLORIDA 33314

05

TELESCO ASSOCIATES
 280 85TH STREET, SUITE 203
 SURFIDE, FL 33554
 TEL: 888-888-1014
 FAX: 888-888-1317
 License # 9A-2881

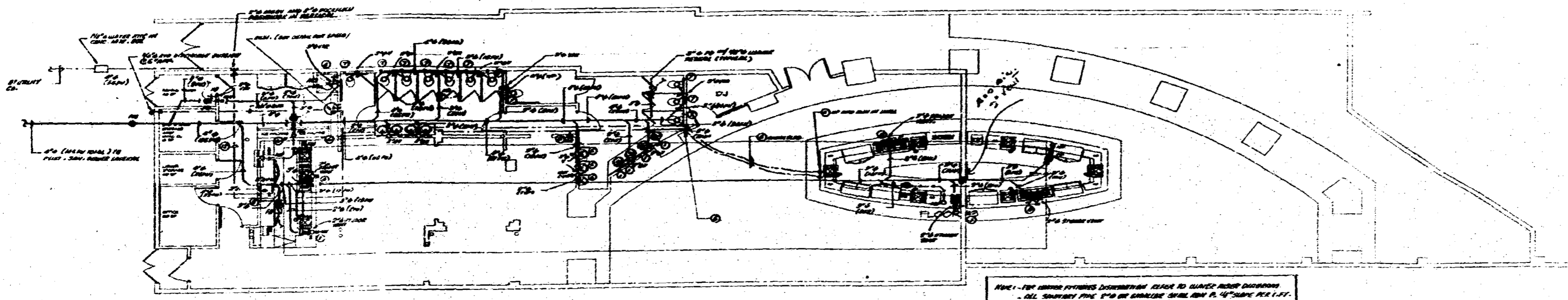
RAIN
 Various Renovations
 323 23rd Street
 Miami Beach, FL 33139

PROJECT NO.	00-50
DRAWN BY	JL/TK
DATE	10.06
SCALE	AS SHOWN



Plumbing
 VOID
 P-1

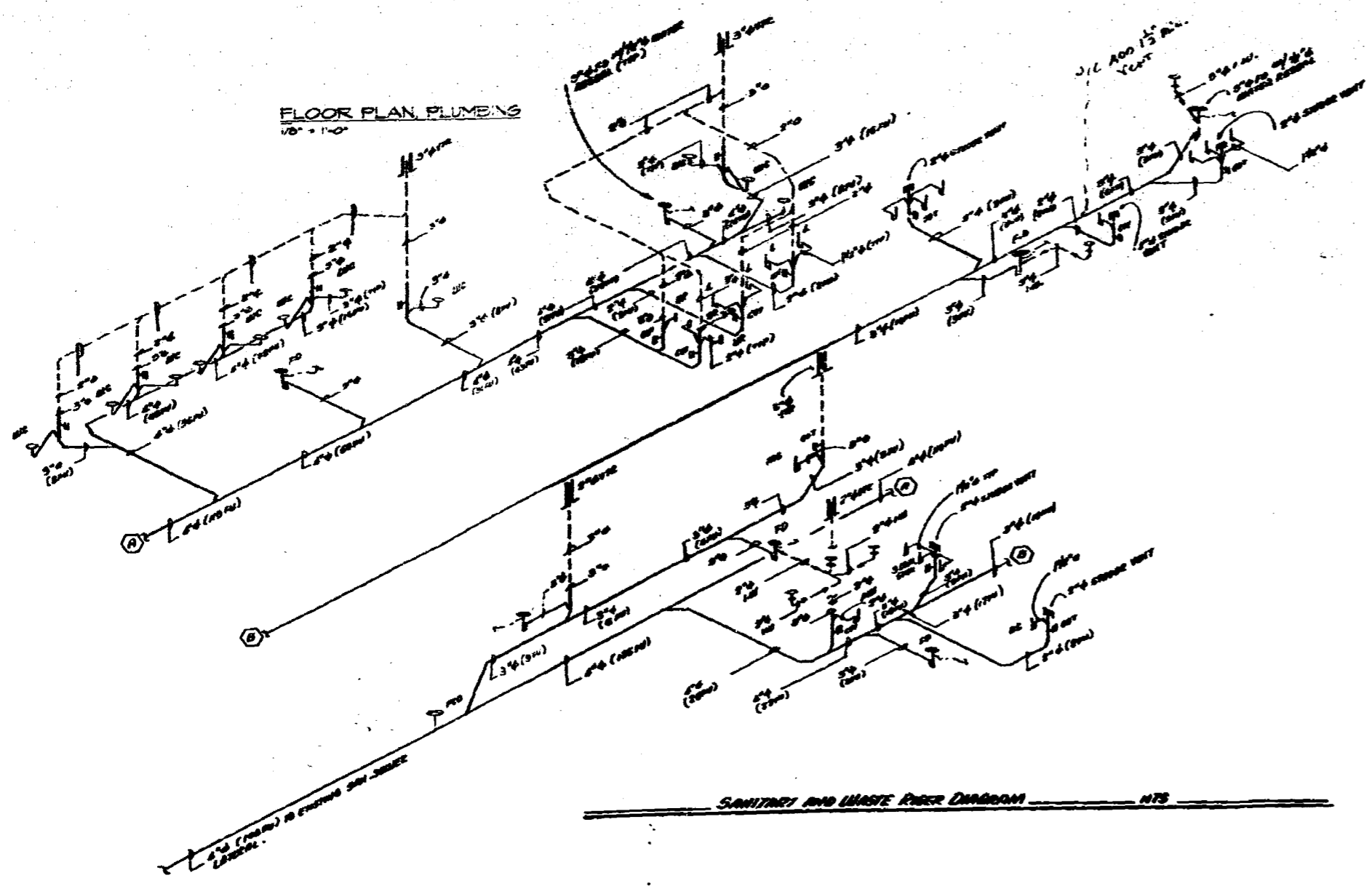
DRAWING No. 18 OF 22



NOTE: THE ABOVE FIXTURES DISTRIBUTION SHALL BE QUINCE REPAIR DIAGRAMS
 ALL SANITARY PIPING TO BE INSTALLED SHALL BE 1/2\"/>

THIS OCCUPANCY CLASS (HYBRID AND EXTENSIVE) = 633 PER 10.

FLOOR PLAN PLUMBING
 1/8\"/>



NOTE: THIS IS "NO COOKING ESTABLISHMENT", NO GREASE INTERCEPTOR IS REQUIRED.

GENERAL PLUMBING NOTES

1. ALL WORK SHALL CONFORM WITH ALL LOCAL, STATE, FEDERAL, ORDINANCES AND BUILDING CODES AND ALL APPLICABLE REGULATIONS AND REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

3. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

4. THE CONTRACTOR SHALL OBTAIN AND PAY ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

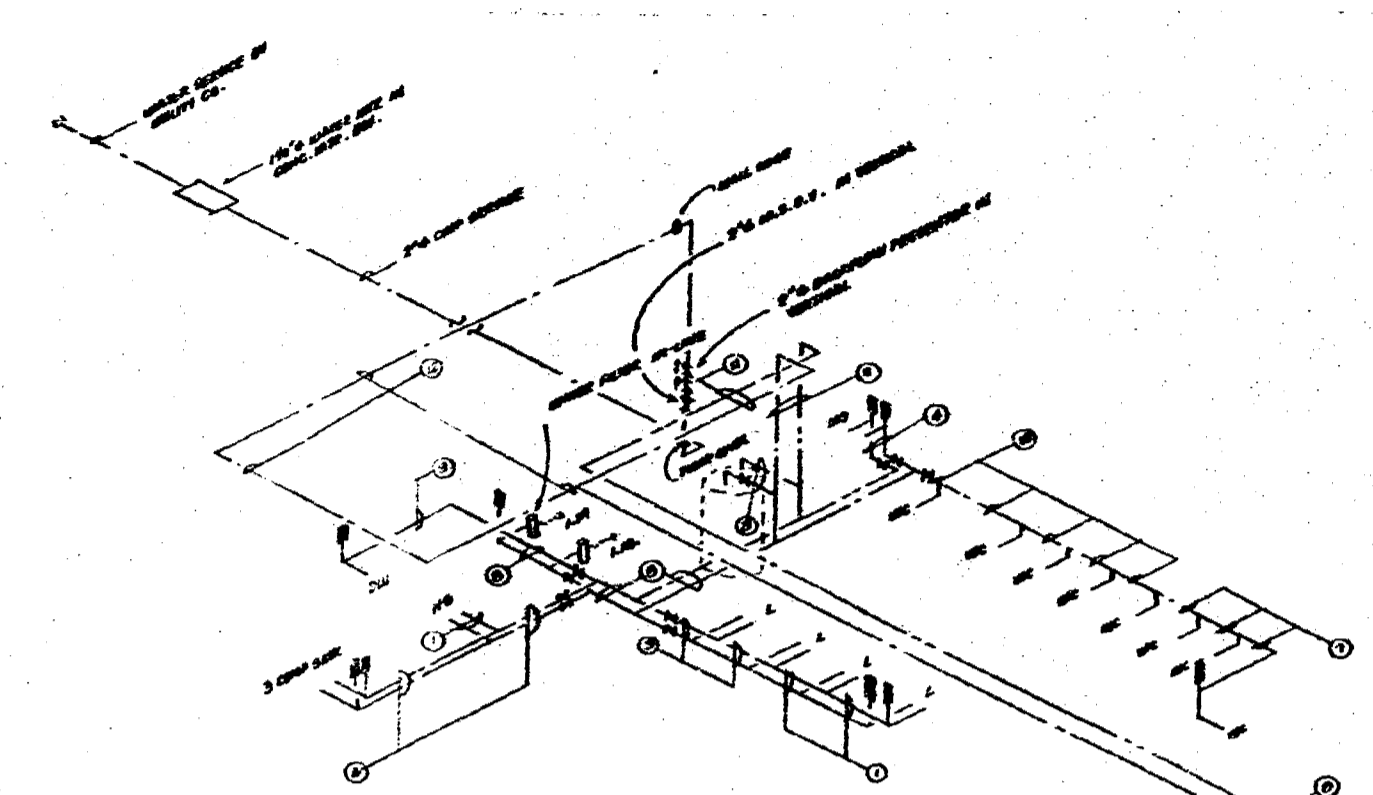
TUPACK RHEA P.E.
 CONSULTING ENGINEER, P.C. 4021 N. FLA.
 1096 S.W. 5TH STREET #3
 MIAMI, FLORIDA 33134

05

RAIN
 Various Renovations
 323 23rd Street
 Miami Beach, FL 33139

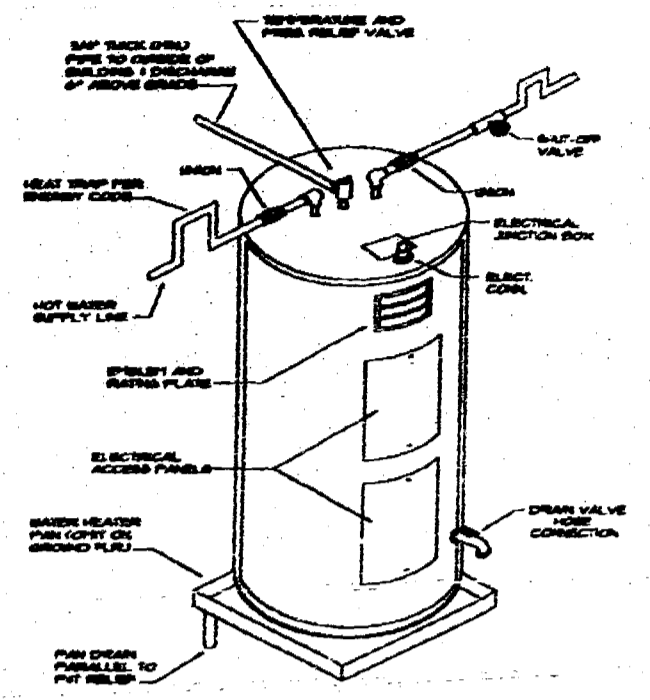
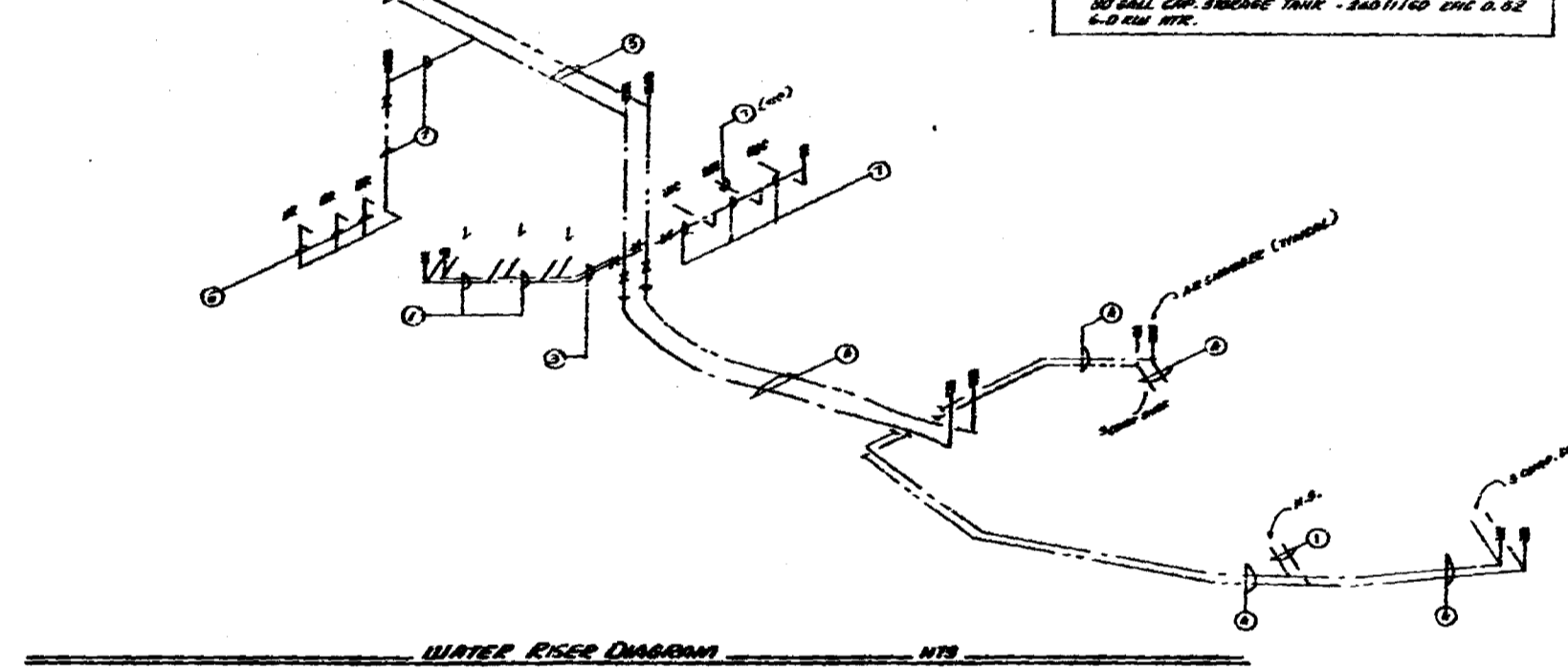
PROJECT NO.	00-00
DRAWN BY	JLW/TE
DATE	10/00
REVISIONS	

Plumbing
VOID
P-2
 DRAWING No. 19 OF 22



WATER PIPING SIZE

①	1/2" CW
②	3/8" CW
③	3/4" CW - 1/2" CW
④	1/2" CW
⑤	1" CW
⑥	3/4" CW
⑦	1" CW
⑧	1/2" CW
⑨	3/4" CW
⑩	1" CW
⑪	1 1/2" CW - 1" CW
⑫	2" CW

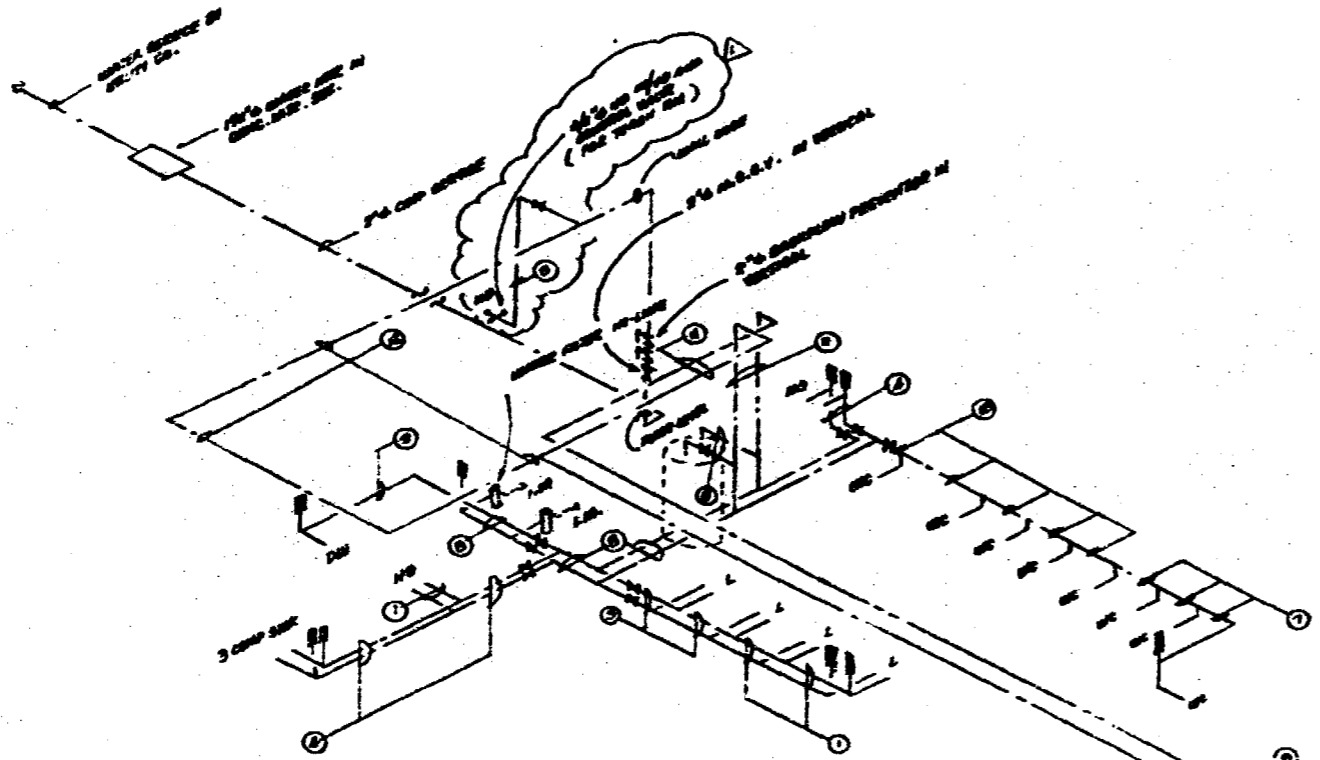


HOT WATER HEATER DETAIL N.T.S.

NOTE: SHALL BE "A-D BATH" MODEL 255-BD
 50 GALL CAP. STORAGE TANK - 3401160 ENG 0.52
 6-D RIM HTR.

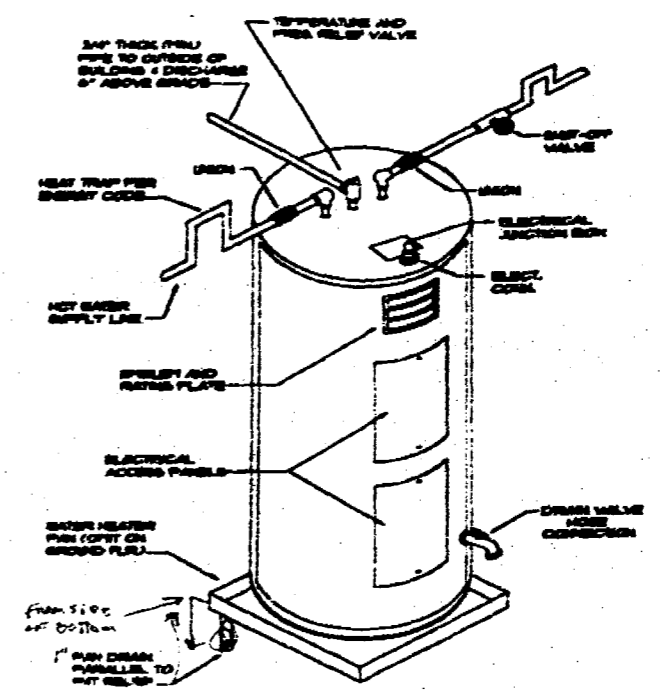
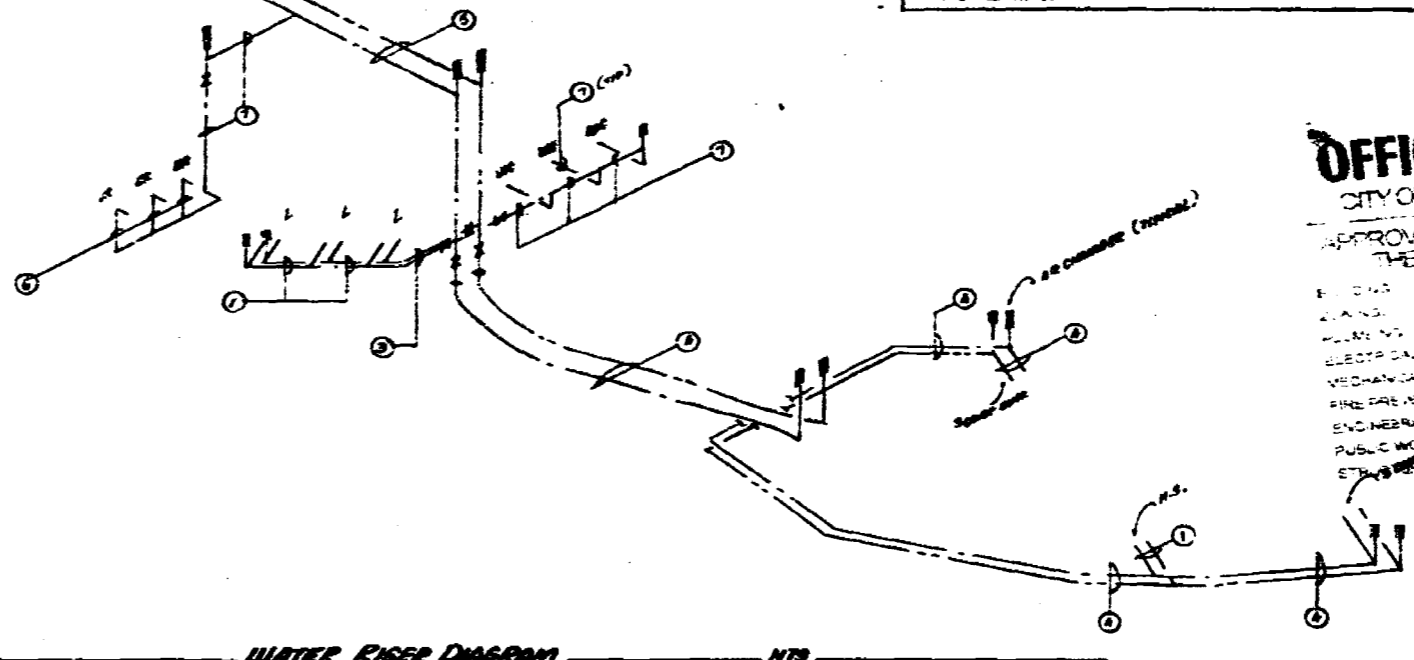
TUPACK R-HEA P.E.
 CONSULTING ENGINEER, LIC. 46217 FLA
 10361 SW 5 STREET # 3
 (305) 569 0781 FAX (305) 553 2278
 MIAMI, FLORIDA 33174

05



WATER PIPING SIZE

①	1/2" cold water
②	3/4" cold water
③	1" cold water - 1/2" hot water
④	1 1/4" cold water
⑤	1 1/2" cold water - 1" hot water
⑥	2" cold water
⑦	2 1/2" cold water
⑧	3" cold water
⑨	4" cold water
⑩	6" cold water - 4" hot water
⑪	8" cold water



HOT WATER HEATER DETAIL N.T.S.

NOTE: SHALL BE "1/2\"/>

OFFICE COPY
 CITY OF MIAMI BEACH
 APPROVED FOR PERMIT BY THE FOLLOWING:
 12/29/00
 S.E. 12/29/00

PROJECT No. _____

DRAWN BY: JLV/TE

DATE: 10/19/00

REVISIONS:

1	AS PER S.E.C. 7/10/2000



FLOOR PLAN
 PLUMBING

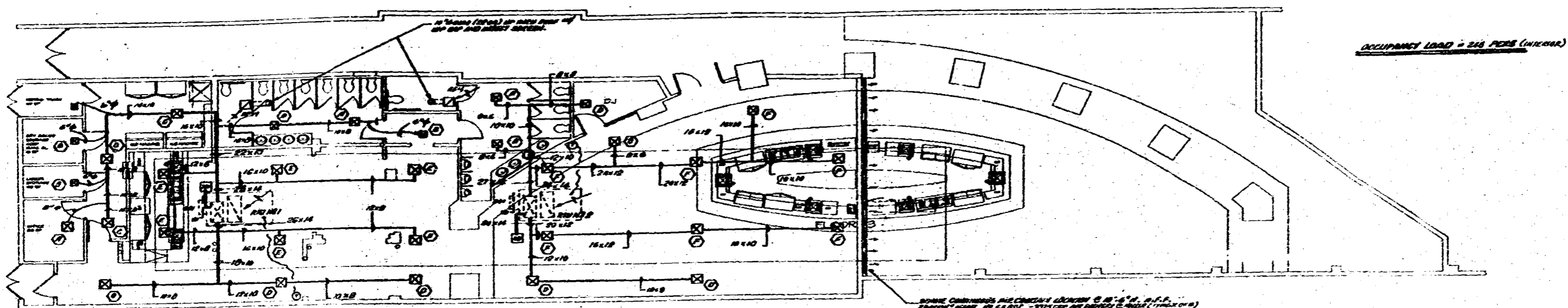
P-2

TUPACK RHEA P.E.
 CONSULTING ENGINEER, L.I.C. 40271 FLA.
 10061 SW 5TH STREET # 3
 (305) 569-0701 FAX (305) 553-2270
 MIAMI, FLORIDA 33174

05

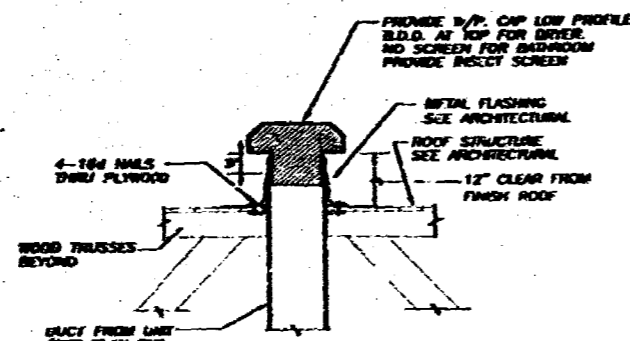
TELESCO & ASSOCIATES
 260 95th STREET, SUITE 203
 SURFSIDE, FLORIDA 33154
 PHONE: (305) 866-1814
 FAX: (305) 866-3317

RAIN RENOVATIONS
 323 23RD STREET
 MIAMI BEACH, FL 33139



FLOOR PLAN MECHANICAL
1/8" = 1'-0"

AIR DIFFUSER SCHEDULE	
1	6" x 6" CD - 150 CFM - 40W
2	6" x 6" CD - 200 CFM - 10W
3	12" x 12" CD - 300 CFM - 40W
4	12" x 12" CD - 350 CFM - 20W
5	12" x 12" CD - 470 CFM - 40W
6	12" x 12" CD - 500 CFM - 40W



TYPICAL FLAT ROOF CAP

ROOF TOP GENERAL NOTES

1. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT FOR A COMPLETE HVAC SYSTEM IN ACCORDANCE WITH THESE SPECIFICATIONS, THE SOUTH FLORIDA BUILDING CODE AND THE LATEST EDITION OF THE FOLLOWING PUBLICATIONS: (A) ASHRAE 90.1 (ENERGY EFFICIENCY DESIGN GUIDE) (B) ASHRAE 62.1 (VENTILATION FOR ACCEPTABLE IAQ) (C) ASHRAE 15.2 (ACoustics)

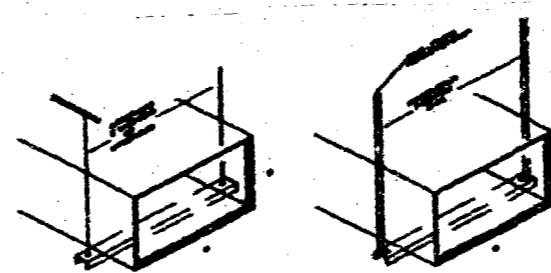
2. ALL AIR CONDITIONING EQUIPMENT SHALL BE CONCEALED IN CEILING SPACE UNLESS OTHERWISE NOTED OTHERWISE. ALL AIR CONDITIONING EQUIPMENT SHALL BE CONCEALED IN CEILING SPACE UNLESS OTHERWISE NOTED OTHERWISE. ALL AIR CONDITIONING EQUIPMENT SHALL BE CONCEALED IN CEILING SPACE UNLESS OTHERWISE NOTED OTHERWISE.

CHANNEL SECTION

Channel	Width	Height
1	12"	4"
2	12"	4"
3	12"	4"
4	12"	4"
5	12"	4"
6	12"	4"

HANGERS AND SUPPORTS

1. ALL HANGERS AND SUPPORTS SHALL BE GALVANNEAL STEEL UNLESS OTHERWISE NOTED OTHERWISE.



OUTSIDE AIR INTAKE CALCULATION (Room Air Only)

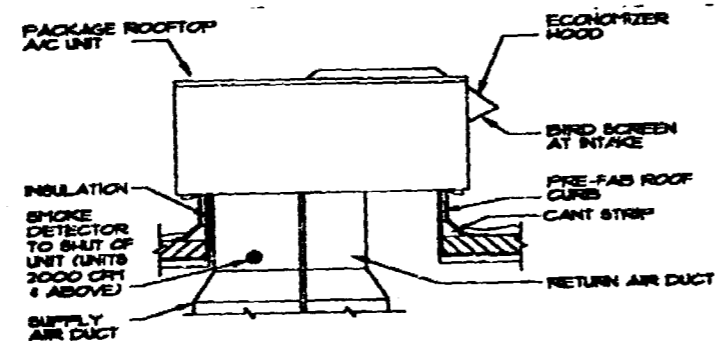
ALPHABETIC LOAD = 245 PERS @ 15 CFM (PERS = 3720 CFM OF R.O.I.)
 AIR REQ'D → 3720 CFM @ 1050 CFM
 EQUIPMENT → 2000 CFM @ 1250 CFM @ 60"
 EXHAUST FAN'S SPEED

EX-1 → SHALL BE "DUBAN" MODEL #5 406 - 385 CFM @ 1/2" SP
 CEILING MOUNTED 12011700 - 1/2" BACK BAY AIR FLOW
 MODEL #60 6L 121214

HVAC DESIGN REQUIRE:	YES	NO
DUCT SMOKE DETECTOR	X	
FIRE DAMPER(S)	X	
SMOKE DAMPER(S)	X	
FIRE RATE ENCLOSURE	X	
FIRE RATED ROOF/FLOOR CEILING ASSEMBLY	X	
FIRE STOPPING	X	
SMOKE CONTROL	X	

ROOFTOP AIR CONDITIONING UNIT SCHEDULE

MODEL NO.	BTU/H	CFM
MODEL COOLING CAPACITY (BHP)	108,200	
MODEL COOLING CAPACITY (TONS)	137,900	
SUPPLY AIR CFM	6,000	
EXHAUST AIR CFM	1,500	
OUTDOOR AIR TEMP (DB/DB)	80/67	
OUTDOOR DESIGN TEMP. (DB)	85°F	
EXTERIOR STATIC PRESS. (IN. WG)	4.5	
ROOF FAN HP	3.5	
OUTDOOR FAN HP (BHP)	12.5	
COMPRESSOR (HP)	12.5	
EVAPORATOR (HP)	12.5	
CONDENSER (HP)	12.5	
PLV (1) COOL (2) HEAT (3)	(1) 12.5 (2) 12.5 (3) 12.5	
REFRIGERANT	(1) R-410A	



ROOFTOP A/C UNIT DETAIL - N.T.S.

NOTE: FASTENED ROOF CURB BY 1/2" THRU 1/2" NUTS & WASHERS.
 • 36" OVC PLANK OR AS DICTATED BY SUPPLIER STANDARD

TELESCO
 ASSOCIATES
 280 10TH STREET, SUITE 205
 MIAMI, FL 33136
 TEL: 305.668.0148
 FAX: 305.668.3317
 www.teleco-associates.com
 LICENSE # AA-7884

RAIN
 Various Renovations
 323 23rd Street
 Miami Beach, FL 33139

PROJECT NO. 00-50
 DRAWN BY: J.M.T.R.
 DATE: 07.00
 REVISIONS

Mechanical

M-1

DRAWING No. 20 OF 22

05

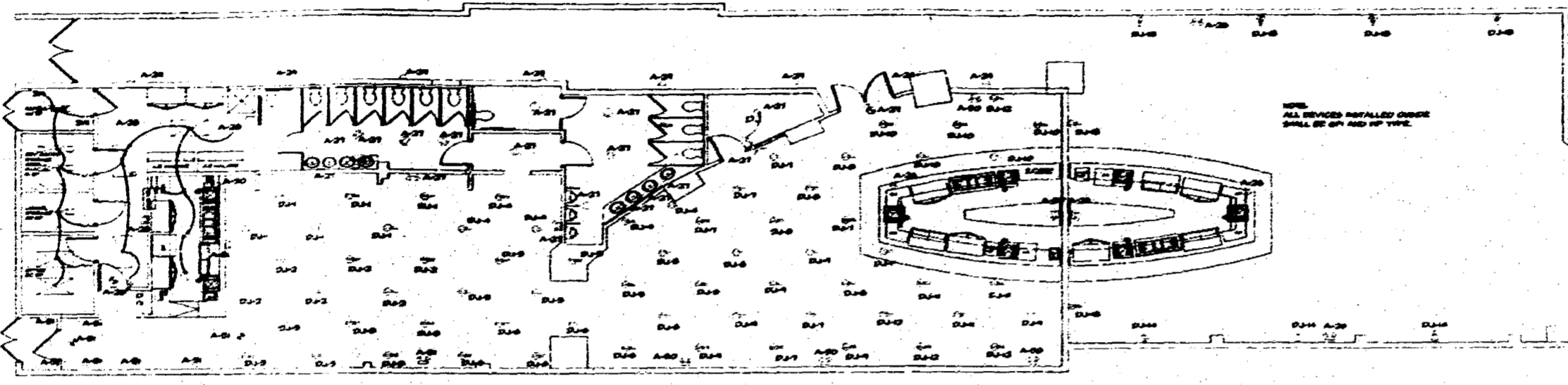
HOSPITALITY ARCHITECT, INC.
 200 95TH STREET, SUITE 200
 SURFSIDE, FL 33554
 TEL 305 986 1014
 FAX 305 986 3317
 www.hospitalityarchitect.com
 LICENSE # AA-2888

RAIN
 Various Renovations
 323 23rd Street
 Miami Beach, FL 33139

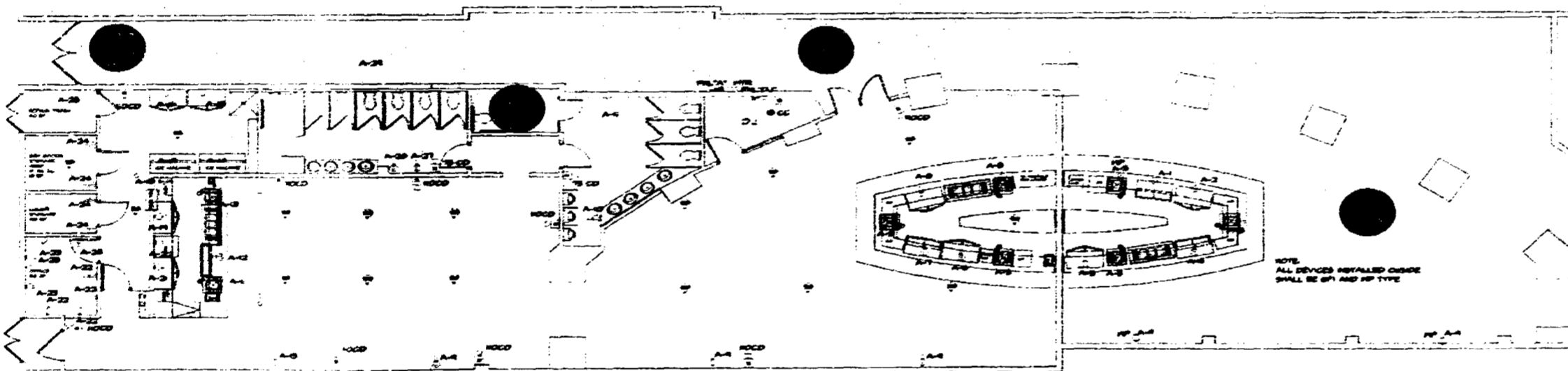
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DRAWN BY	J.M.T.R.
DATE	1/10/00
REVISIONS	

Electrical

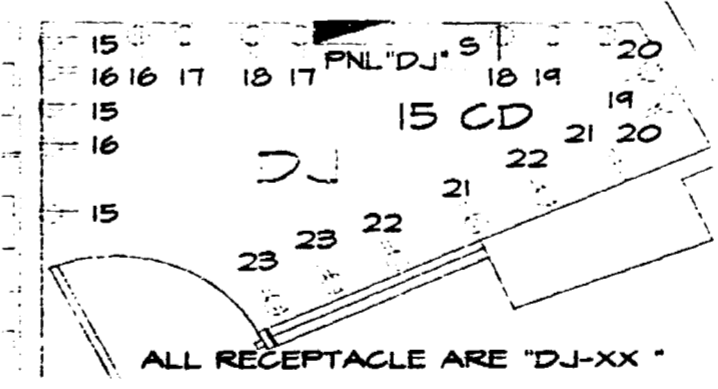
E-1
 DRAWING No. 21 OF 22



FLOOR PLAN LIGHTING
 1/8" = 1'-0"



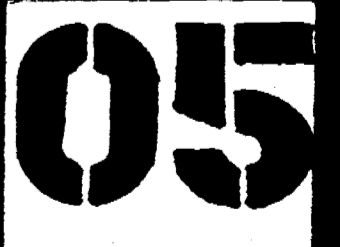
FLOOR PLAN POWER
 1/8" = 1'-0"



DJ RECEPTACLE PLAN
 1/8" = 1'-0"

OFFICE COPY
 CITY OF MIAMI BEACH
 RECEIVED BY
 [Signature]
 [Signature]
 [Signature]

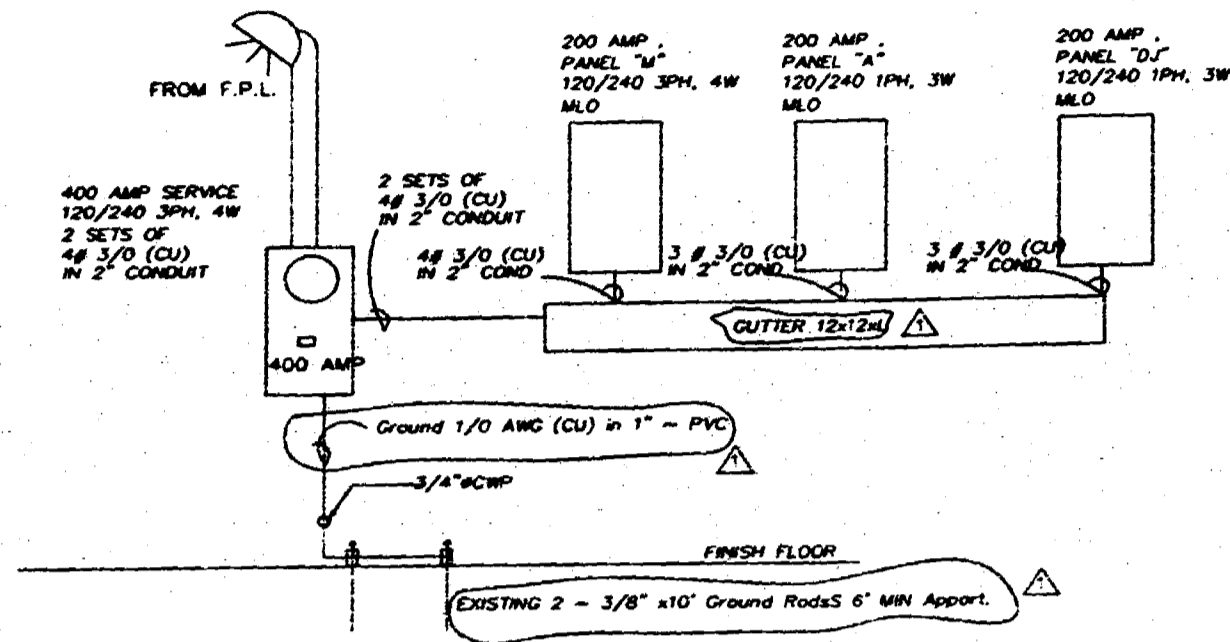
TUPACK RHEA P.E.
 ELECTRICAL ENGINEER, LIC. 40217 FLA.
 10961 SW 5th STREET # 3
 (305) 563 0191 FAX (305) 563 2279
 MIAMI, FLORIDA 33174



SITE INVESTIGATION

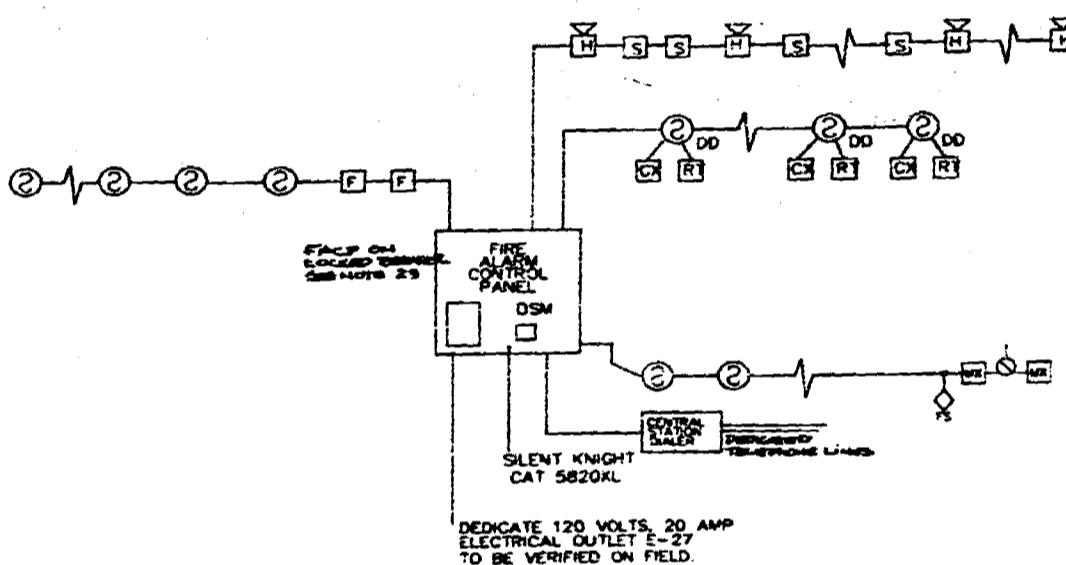
EXAMINATION OF CONTRACT DOCUMENTS AND SITE OF WORK, THE OWNER IS REQUIRED, BEFORE SUBMITTING HIS PROPOSAL, TO VISIT THE SITE OF THE PROPOSED WORK AND FAMILIARIZE HIM OR HERSELF WITH THE NATURE AND EXTENT OF THE WORK AND ANY LOCAL CONDITIONS THAT MAY IN ANY MANNER AFFECT THE WORK TO BE DONE AND EQUIPMENT, MATERIALS AND LABOR REQUIRED THEREFOR. SINCE THE WORK INVOLVES EXISTING BUILDINGS, SYSTEMS AND FACILITIES, SPECIAL CONSIDERATION SHALL BE GIVEN TO EXAMINATION OF RECORDING CONDITIONS.

SLIGHT VIOLATION OF RECORDING AND/OR CONSTRUCTION SHALL BE INDICATED BY THIS CONTRACTOR TO AVOID CONFLICTS WITH OTHER TRADES. THESE VIOLATIONS ARE EXPRESSLY INCLUDED AS PART OF THE WORK HOWEVER REQUIRED AT NO ADDITIONAL COST TO THE OWNER. INDEMNIFICATION ON THE PART OF THE CONTRACTOR WILL IN NO WAY RELIEVE HIM OF THE OBLIGATIONS AND RESPONSIBILITY ASSUMED UNDER THIS CONTRACT.



ELECTRICAL RISER

1. ALL EQUIPMENT TO BE U.L. LISTED FOR FIRE SERVICE AND SHALL BE COMPATIBLE WITH THE SYSTEM BEING USED.
2. ALL WIRING AND CONDUIT TO CONFORM TO N.E.C. 70 AND N.E.C. 760. WIRING SHALL BE SOLID COPPER OR STRANDED COPPER WITH A MAX. OF 7 STRANDS FOR SIZES 16 AND 18 GA. STRANDED COPPER WITH A MAX. OF 19 STRANDS FOR SIZES 14 AND LARGER PER N.E.C. 760 AND N.E.C. 70.
3. ALL FIRE STOP PENETRATIONS SHALL BE MADE WITH APPROVED (N.E.C.) ELECTRICAL TUBING.
4. ALL FIRE STOP PENETRATIONS SHALL BE SEALED WITH A U.L. APPROVED FIRE STOP MATERIAL. (SEE FIRE STOP DETAIL).
5. COLOR CODING MAY NOT APPLY TO EXISTING WIRE. (LABEL EXISTING WIRE ACCORDINGLY).
6. ROUTING OF THE FIRE ALARM SYSTEM CONDUIT IS DIAGNOSTIC. VERIFY EXACT LOCATIONS PRIOR TO STARTING WORK.
7. ALL STROBE LIGHTS SHALL ACTIVATE UPON INITIATION OF THE GENERAL ALARM AND THEY SHALL BE SYNCHRONIZED IN OPEN AREAS. ALL WALL MOUNTED STROBES AND NOTIFICATION APPLIANCES SHALL BE MOUNTED WITH BOTTOM AT 6" ABOVE FINISHED FLOOR OR 6" MINIMUM FROM THE CEILING, WHICHEVER IS LOWEST.
8. MANUAL STATIONS TO BE INSTALLED AT 48" INCHES MAX. A.F.F.
9. SMOKE DETECTORS TO BE INSTALLED AS PER N.F.P.A. 72. WALL MOUNTED SMOKE DETECTORS SHALL BE MOUNTED AT INCHES MIN. FROM CEILING WITH 12" INCHES MAX. FROM CEILING.
10. THE FIRE ALARM PANEL MUST HAVE AN EARTH GROUND CONNECTION AS PER MANUFACTURERS RECOMMENDATIONS, AND ARTICLE 760 OF THE NATIONAL ELECTRICAL CODE. MINIMUM WIRE SIZE IS 14 AWG FOR GROUND CONNECTION. (NOTE: PANEL NEUTRAL OR CONDUIT GROUND IS NOT ACCEPTABLE).
11. A GENERAL ALARM SHALL BE ANNUNCIATED UPON ACTIVATION OF ANY PULL STATION, FLOW SWITCH, DETECTION DEVICE. A TROUBLE SIGNAL SHALL BE ANNUNCIATED UPON ANY TAMPER SWITCH ACTIVATION OR FAILURE OR REMOVAL OF ANY DETECTION OR MANUAL DEVICE.
12. FIRE ALARM PANEL SHALL BE LISTED FOR CENTRAL STATION SERVICE PER N.F.P.A. 72, 1995, SECT. 4-3.
13. FIRE ALARM SYSTEM SHALL BE CERTIFIED BY EQUIPMENT SUPPLIER.
14. TWO TELEPHONE LINES SHALL BE PROVIDED TO THE FIRE CONTROL COMMUNICATOR. ONE SHALL BE DEDICATED.
15. PROVIDE CERTIFICATE OF COMPLETION AT THE FINAL INSPECTION OF THE FIRE ALARM SYSTEM.
16. FIRE ALARM CIRCUITS AND DEVICES SHALL BE CLASS "B", STYLE "C".
17. SECURITY LOCK SYSTEM BY OTHERS SHALL BE NOTIFIED BY FIRE ALARM SYSTEM. EMERGENCY EGRESS SHALL BE MAINTAINED. ADVANCE FIRE SIGNAL OR LOGS OF PRIMARY POWER OR AVAILABLE NEXT APPLICABLE.
18. VAC DUCT SMOKE DETECTORS SHALL BE CONNECTED TO THE FIRE ALARM CONTROL PANEL AND SHALL ACTIVATE A SUPERVISORY SIGNAL ONLY.
19. FIRE ALARM CONTRACTOR SHALL PROVIDE A DETAILED SET OF SHOP DRAWINGS, POINT TO POINT WIRING DIAGRAMS, AND BATTERY CALCULATIONS FOR SUBMITTAL TO THE METRO DADE BUILDING DEPARTMENT PRIOR TO FIRE ALARM INSTALLATION.
20. EMERGENCY LIGHTING SHALL BE INSTALLED IN ACCORDANCE WITH N.F.P.A. 101, SECTION 5-9.2.1, 1994 EDITION. EMERGENCY LIGHTING SHALL BE ARRANGED TO MAINTAIN THE SPECIFIC DEGREE OF ILLUMINATION THROUGHOUT THE MEANS OF EGRESS, BUT NOT LESS THAN 1 FOOTCANDLE.
21. AUDIBLE SIGNALS SHALL HAVE A SOUND LEVEL OF NOT LESS THAN 75 dBA AT 10'(3m) OR MORE THAN 150dBA AT THE MINIMUM HEARING DISTANCE FROM THE AUDIBLE APPLIANCE.
22. ENSURE THAT AUDIBLE SIGNALS ARE CLEARLY HEARD. IT SHALL BE REQUIRED THAT THEIR SOUND LEVEL BE AT LEAST 15dBA ABOVE THE AVERAGE AMBIENT SOUND LEVEL OR 5 dBA ABOVE THE MAXIMUM SOUND LEVEL HAVING A DURATION OF AT LEAST 60 SECONDS (WHICHEVER IS GREATER), MEASURED 5' (1.5m) ABOVE THE FLOOR IN THE OCCUPYABLE AREA. THE FIRE ALARM CONTRACTOR IS REQUIRED TO CERTIFY THE dBA LEVEL WITH AN APPROVED dBA METER PRIOR TO THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY.
23. THE FIRE ALARM CONTROL PANEL SHALL HAVE A DEDICATED 120 VOLT CIRCUIT BREAKER. THE BREAKER SHALL BE MECHANICALLY PROTECTED AND PAINTED RED. THE FIRE ALARM CONTROL PANEL SHALL BE LABELED WITH THE PANEL LOCATION AND CIRCUIT BREAKER NUMBER.
24. THE OWNER SHALL BE PROVIDED WITH A COMPLETE FIRE ALARM SYSTEM MANUAL AND INSTALLATION INSTRUCTIONS COVERING ALL SYSTEM EQUIPMENT AND RECORD DRAWINGS TO BE KEPT AT THE MAIN CONTROL PANEL.



NOTE:
ALL ALARM STROBES ARE TO BE SYNCHRONIZED IN OPEN AREAS.
ALARM STROBES SHALL BE ACTIVATED ON THE GENERAL ALARM AND SHALL REMAIN ON UNTIL THE FAOP IS RESET.

FIRE ALARM RISER (TYP)

FIRE ALARM WIRE SCHEDULE

FIRE ALARM SYSTEM SHALL BE POWER LIMITED

16-2 TYP INITIATING	16-2 TYP ANNUN/CNTRL
(2) #12 INDICATING	(2) #14 ANNUN-POWER
(2) #14 SYNC- CONTROL CIRCUIT	(2) #14 HORN CONTROL TEMPORAL

NO.	WIRE	TYPE	SIZE	DESCRIPTION	TO	FROM	TERMINAL	NOTES
1.00	1/2"	12	12	SPRING LIGHTING	1	2	1	
1.01	1/2"	12	12	SPRING LIGHTING	2	1	2	
1.02	1/2"	12	12	SPRING LIGHTING	3	1	3	
1.03	1/2"	12	12	SPRING LIGHTING	4	1	4	
1.04	1/2"	12	12	SPRING LIGHTING	5	1	5	
1.05	1/2"	12	12	SPRING LIGHTING	6	1	6	
1.06	1/2"	12	12	SPRING LIGHTING	7	1	7	
1.07	1/2"	12	12	SPRING LIGHTING	8	1	8	
1.08	1/2"	12	12	SPRING LIGHTING	9	1	9	
1.09	1/2"	12	12	SPRING LIGHTING	10	1	10	
1.10	1/2"	12	12	SPRING LIGHTING	11	1	11	
1.11	1/2"	12	12	SPRING LIGHTING	12	1	12	
1.12	1/2"	12	12	SPRING LIGHTING	13	1	13	
1.13	1/2"	12	12	SPRING LIGHTING	14	1	14	
1.14	1/2"	12	12	SPRING LIGHTING	15	1	15	
1.15	1/2"	12	12	SPRING LIGHTING	16	1	16	
1.16	1/2"	12	12	SPRING LIGHTING	17	1	17	
1.17	1/2"	12	12	SPRING LIGHTING	18	1	18	
1.18	1/2"	12	12	SPRING LIGHTING	19	1	19	
1.19	1/2"	12	12	SPRING LIGHTING	20	1	20	
1.20	1/2"	12	12	SPRING LIGHTING	21	1	21	
1.21	1/2"	12	12	SPRING LIGHTING	22	1	22	
1.22	1/2"	12	12	SPRING LIGHTING	23	1	23	
1.23	1/2"	12	12	SPRING LIGHTING	24	1	24	
1.24	1/2"	12	12	SPRING LIGHTING	25	1	25	
1.25	1/2"	12	12	SPRING LIGHTING	26	1	26	
1.26	1/2"	12	12	SPRING LIGHTING	27	1	27	
1.27	1/2"	12	12	SPRING LIGHTING	28	1	28	
1.28	1/2"	12	12	SPRING LIGHTING	29	1	29	
1.29	1/2"	12	12	SPRING LIGHTING	30	1	30	
1.30	1/2"	12	12	SPRING LIGHTING	31	1	31	
1.31	1/2"	12	12	SPRING LIGHTING	32	1	32	
1.32	1/2"	12	12	SPRING LIGHTING	33	1	33	
1.33	1/2"	12	12	SPRING LIGHTING	34	1	34	
1.34	1/2"	12	12	SPRING LIGHTING	35	1	35	
1.35	1/2"	12	12	SPRING LIGHTING	36	1	36	
1.36	1/2"	12	12	SPRING LIGHTING	37	1	37	
1.37	1/2"	12	12	SPRING LIGHTING	38	1	38	
1.38	1/2"	12	12	SPRING LIGHTING	39	1	39	
1.39	1/2"	12	12	SPRING LIGHTING	40	1	40	
1.40	1/2"	12	12	SPRING LIGHTING	41	1	41	
1.41	1/2"	12	12	SPRING LIGHTING	42	1	42	
1.42	1/2"	12	12	SPRING LIGHTING	43	1	43	
1.43	1/2"	12	12	SPRING LIGHTING	44	1	44	
1.44	1/2"	12	12	SPRING LIGHTING	45	1	45	
1.45	1/2"	12	12	SPRING LIGHTING	46	1	46	
1.46	1/2"	12	12	SPRING LIGHTING	47	1	47	
1.47	1/2"	12	12	SPRING LIGHTING	48	1	48	
1.48	1/2"	12	12	SPRING LIGHTING	49	1	49	
1.49	1/2"	12	12	SPRING LIGHTING	50	1	50	
1.50	1/2"	12	12	SPRING LIGHTING	51	1	51	
1.51	1/2"	12	12	SPRING LIGHTING	52	1	52	
1.52	1/2"	12	12	SPRING LIGHTING	53	1	53	
1.53	1/2"	12	12	SPRING LIGHTING	54	1	54	
1.54	1/2"	12	12	SPRING LIGHTING	55	1	55	
1.55	1/2"	12	12	SPRING LIGHTING	56	1	56	
1.56	1/2"	12	12	SPRING LIGHTING	57	1	57	
1.57	1/2"	12	12	SPRING LIGHTING	58	1	58	
1.58	1/2"	12	12	SPRING LIGHTING	59	1	59	
1.59	1/2"	12	12	SPRING LIGHTING	60	1	60	
1.60	1/2"	12	12	SPRING LIGHTING	61	1	61	
1.61	1/2"	12	12	SPRING LIGHTING	62	1	62	
1.62	1/2"	12	12	SPRING LIGHTING	63	1	63	
1.63	1/2"	12	12	SPRING LIGHTING	64	1	64	
1.64	1/2"	12	12	SPRING LIGHTING	65	1	65	
1.65	1/2"	12	12	SPRING LIGHTING	66	1	66	
1.66	1/2"	12	12	SPRING LIGHTING	67	1	67	
1.67	1/2"	12	12	SPRING LIGHTING	68	1	68	
1.68	1/2"	12	12	SPRING LIGHTING	69	1	69	
1.69	1/2"	12	12	SPRING LIGHTING	70	1	70	
1.70	1/2"	12	12	SPRING LIGHTING	71	1	71	
1.71	1/2"	12	12	SPRING LIGHTING	72	1	72	
1.72	1/2"	12	12	SPRING LIGHTING	73	1	73	
1.73	1/2"	12	12	SPRING LIGHTING	74	1	74	
1.74	1/2"	12	12	SPRING LIGHTING	75	1	75	
1.75	1/2"	12	12	SPRING LIGHTING	76	1	76	
1.76	1/2"	12	12	SPRING LIGHTING	77	1	77	
1.77	1/2"	12	12	SPRING LIGHTING	78	1	78	
1.78	1/2"	12	12	SPRING LIGHTING	79	1	79	
1.79	1/2"	12	12	SPRING LIGHTING	80	1	80	
1.80	1/2"	12	12	SPRING LIGHTING	81	1	81	
1.81	1/2"	12	12	SPRING LIGHTING	82	1	82	
1.82	1/2"	12	12	SPRING LIGHTING	83	1	83	
1.83	1/2"	12	12	SPRING LIGHTING	84	1	84	
1.84	1/2"	12	12	SPRING LIGHTING	85	1	85	
1.85	1/2"	12	12	SPRING LIGHTING	86	1	86	
1.86	1/2"	12	12	SPRING LIGHTING	87	1	87	
1.87	1/2"	12	12	SPRING LIGHTING	88	1	88	
1.88	1/2"	12	12	SPRING LIGHTING	89	1	89	
1.89	1/2"	12	12	SPRING LIGHTING	90	1	90	
1.90	1/2"	12	12	SPRING LIGHTING	91	1	91	
1.91	1/2"	12	12	SPRING LIGHTING	92	1	92	
1.92	1/2"	12	12	SPRING LIGHTING	93	1	93	
1.93	1/2"	12	12	SPRING LIGHTING	94	1	94	
1.94	1/2"	12	12	SPRING LIGHTING	95	1	95	
1.95	1/2"	12	12	SPRING LIGHTING	96	1	96	
1.96	1/2"	12	12	SPRING LIGHTING	97	1	97	
1.97	1/2"	12	12	SPRING LIGHTING	98	1	98	
1.98	1/2"	12	12	SPRING LIGHTING	99	1	99	
1.99	1/2"	12	12	SPRING LIGHTING	100	1	100	

NO.	WIRE	TYPE	SIZE	DESCRIPTION	TO	FROM	TERMINAL	NOTES
1.00	1/2"	12	12	SPRING LIGHTING	1	2	1	
1.01	1/2"	12	12	SPRING LIGHTING	2	1	2	
1.02	1/2"	12	12	SPRING LIGHTING	3	1	3	
1.03	1/2"	12	12	SPRING LIGHTING	4	1	4	
1.04	1/2"	12	12	SPRING LIGHTING	5	1	5	
1.05	1/2"	12	12	SPRING LIGHTING	6	1	6	
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1.10	1/2"	12	12	SPRING LIGHTING	11	1	11	
1.11	1/2"	12	12	SPRING LIGHTING	12	1	12	
1.12	1/2"	12	12	SPRING LIGHTING	13	1	13	
1.13	1/2"	12	12	SPRING LIGHTING	14	1	14	
1.14	1/2"	12	12	SPRING LIGHTING	15	1	15	
1.15	1/2"	12	12	SPRING LIGHTING	16	1	16	
1.16	1/2"	12	12	SPRING LIGHTING	17	1	17	
1.17	1/2"	12	12	SPRING LIGHTING	18	1	18	
1.18	1/2"	12	12	SPRING LIGHTING	19	1	19	
1.19	1/2"	12	12	SPRING LIGHTING	20	1	20	
1.20	1/2"	12	12	SPRING LIGHTING	21	1	21	
1.21	1/2"	12	12	SPRING LIGHTING	22	1	22	
1.22	1/2"	1						

