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DATA CONVERSION CENTER
KODAK
MEDIA PRODUCTS

LASON

PERMIT #

B0505197

01



Wednesday, August 17, 2005

Department of Environmental Resources Management
Miami-Dade County
Downtown Office
Miami, Florida

Re: ~~Interior Construction and First Generation Office Renovation~~
at: 779 Washington Avenue, 4th Floor, Miami Beach, Florida 33139

To Whom It May Concern:

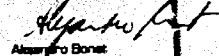
I, Alejandro Boret, hereby attest that to the best of my knowledge and professional judgment, the interior scope of work on the above referenced structure do not include any demolition, removal or disturbance of any of the existing components of the existing shell interior. I also attest to the best of my knowledge, and professional judgment that the proposed interior office will be first generation build-out.

This document is being prepared in accordance with the Florida Building Code and is being submitted to the Miami-Dade County Department of Environmental Resources Management for the permitting of new interior construction in the above referenced structure.

Should you have any questions or need additional information, please do not hesitate to contact me.

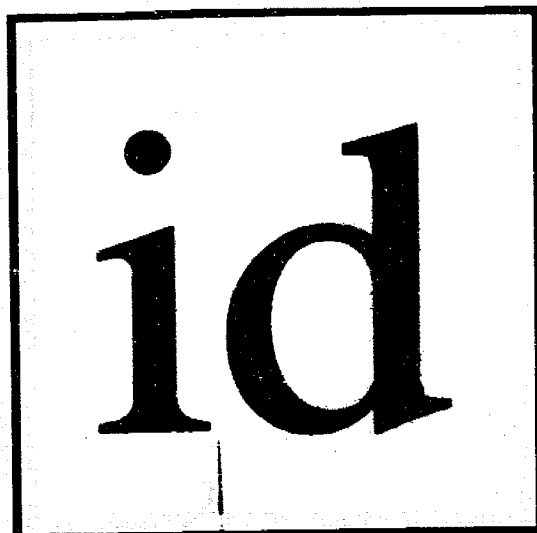
Sincerely,

INSIGHT DESIGN, INC.


Alejandro Boret
Principal

Insight Design, Inc.
180 Northwest 17th Avenue, Miami, Florida 33139
Tel: 305 464-4444 • Fax: 305 541-4444
AN 02162 • AN 0203130 • © 02/2004

01



id
insight
design

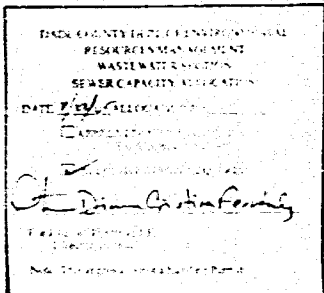
Work for
Atlantic Center

119 Washington Avenue, 4th Floor
Miami Beach, Florida 33139

1955 N.W. 17th Avenue
Miami, Florida 33125
TEL 305 545 4964 FAX 305 545 4695
ARCHITECTURE • INTERIORS
AK92162 AA0903130 150003964

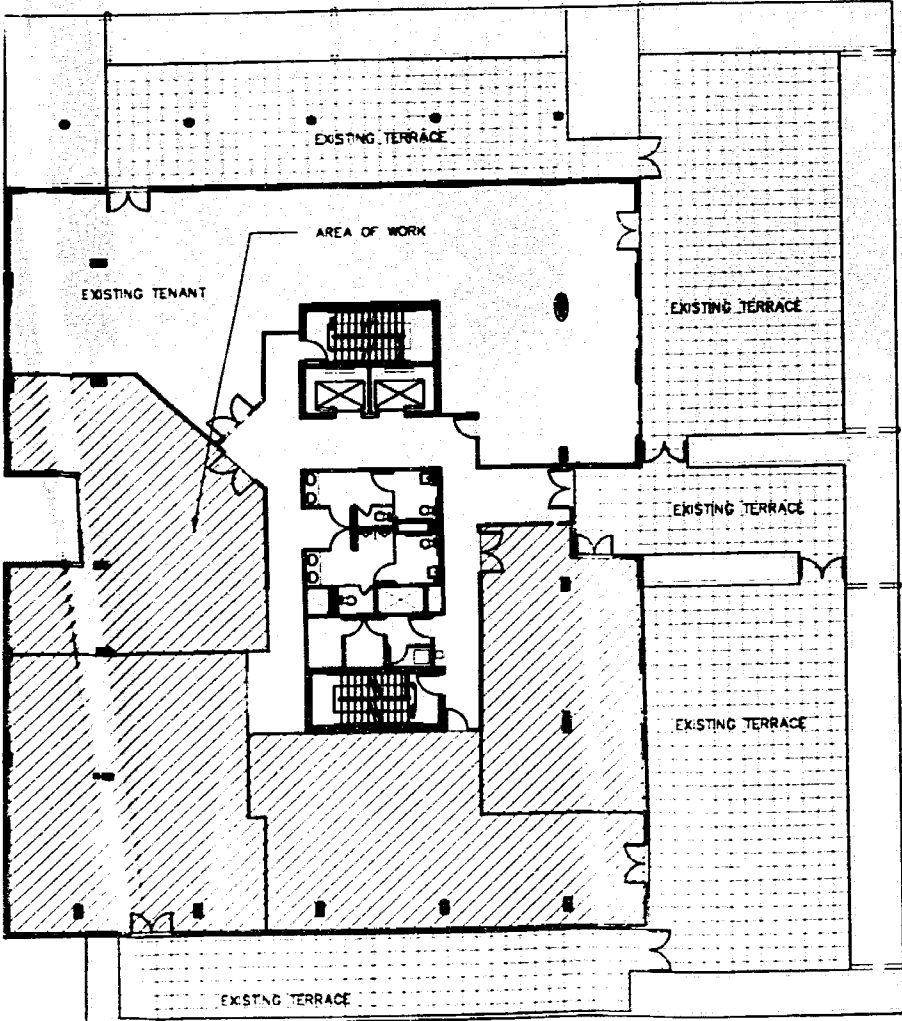
Permit Number: 2005-0718-029-3343
Contact Name: M. LUIS OBEIS
Contact Phone: 305-545-4964
Project Name: ATLANTIC CENTER INT. OFFICE
Date Received: 07/16/2005
Reviser Name: DESIGN PERFORMANCE

REVISION	DATE	DESCRIPTION
1	7/16/05	ISSUE FOR PERMIT
2	7/16/05	ISSUE FOR PERMIT
3	7/16/05	ISSUE FOR PERMIT
4	7/16/05	ISSUE FOR PERMIT
5	7/16/05	ISSUE FOR PERMIT
6	7/16/05	ISSUE FOR PERMIT
7	7/16/05	ISSUE FOR PERMIT
8	7/16/05	ISSUE FOR PERMIT
9	7/16/05	ISSUE FOR PERMIT
10	7/16/05	ISSUE FOR PERMIT



INDEX OF DRAWINGS

- Cover Sheet
- G-1 General Notes
- A-1 Demolition & Construction Plan / Reflected Ceiling Plan
- A-2 Power & Communication Plan
- Finish Plan
- Elevations
- A-3 Door Schedule
- Elevations
- Sections & Details
- M0.1 HVAC Legend, Notes and Schedules
- M0.2 HVAC Floor Plan
- M0.3 HVAC Details
- M0.4 HVAC Details
- M0.5 Smoke Candle Layout Plan
- P0.1 Plumbing Notes, Details and Schedules
- P0.2 Plumbing Floor Plan and Risers
- F0.1 Fire Protection Floor Plan and Details
- E0.1 Electrical Legend, Schedules and Notes
- E0.2 Lighting Floor Plan
- E0.3 Power Floor Plan



KEY PLAN
ATLANTIC CENTER, 4th Floor
N.T.S.

ATLANTIC CENTER
119 WASHINGTON AVENUE, 4TH FLOOR
MIAMI BEACH, FLORIDA 33139
PHONE 305 545 4964 FAX 305 545 4695
THIS PLAN REQUIRES APPROVAL FOR
CERTAINING BUILDING PERMITS ONLY
All construction and use of equipment on the right-of-way and/or
premises requires a separate Public Works Department permit prior
to start of construction.
All equipment must be stored at existing address, under area conditions
and must be removed from the right-of-way, within 24 hours prior to
the expiration of the CC, or the result of 305-331-1111
Approved by: [Signature] 7/16/05

10' ROAD A.P. FIRE & SAFETY
IMPACT FEE NOT REQUIRED
ENTERED PERMIT
AUG 27 2005
MIAMI-DADE COUNTY
APPROVED

3050 5197

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

SEP 26 2005
BUILDING
ZONING
FIRE
DEPARTMENT
COMMUNITY
RELATIONS
ELECTRICAL
MECHANICAL
PLUMBING
INSULATION
PERMITS
SECTION
3050 5197
6/27/05

THIS PERMIT IS ISSUED FOR
NON-STRUCTURAL REPAIRS ONLY.

ATLANTIC CENTER

GENERAL NOTES

- 1. THE GENERAL CONTRACTOR IS RESPONSIBLE TO CHECK AND FIELD VERIFY ALL DIMENSIONS AND CONDITIONS...
2. THE GENERAL CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE 2001 FLORIDA BUILDING CODE AND 2002 FLORIDA FIRE PREVENTION, FEDERAL, STATE AND ALL APPLICABLE CODES AND ORDINANCES.
3. THE GENERAL CONTRACTOR AND ALL SUB-CONTRACTORS SHALL NOT PROCEED WITH ANY WORK FOR WHICH HE EXPECTS ADDITIONAL COMPENSATION BEYOND THE CONTRACT AMOUNT WITHOUT WRITTEN AUTHORIZATION FROM THE BUILDING MANAGEMENT AND THE ARCHITECT...

- 37. U.G.N. GENERAL CONTRACTOR TO REMOVE ALL EXISTING FLOORING IN PLACE AND RESTORE CONCRETE SLAB TO LEVEL CONDITION. CLEAN SUBSTRATE, FILL CRACKS, HOLES, DEPRESSIONS AND LEVEL FLOOR WITHIN 1/8" PER 10'-0" RADIIUS.
38. THE GENERAL CONTRACTOR IS TO VERIFY CONDITION OF EXISTING SYSTEMS AND ACCOUNT FOR ALL REPAIRS AND ALLOCATIONS.
39. '1ST' AND BALANCE REQUIRED FOR BUILDING SPECIFICATIONS AND REQUIREMENTS.
40. BEFORE INSTALLATION, THE CONTRACTOR SHALL COORDINATE WITH INSIGHT DESIGN THE EXACT LOCATION OF ALL SWITCHES, WALL RECEPTACLES, PLUGS, THERMOSTATS AND OTHER WALL MOUNTED FEATURES.

GENERAL FINISH NOTES

- 1. REFER TO SPECIFICATIONS FOR ALL PERFORMANCE AND QUALITY GUIDELINES AND FOR ADDITIONAL SUBMITTAL INFORMATION.
2. INTERIOR FINISH MATERIALS AND THE INSTALLATION PROCESS SHALL BE IN COMPLIANCE WITH ALL LOCAL GOVERNING CODES INCLUDING BUT NOT LIMITED TO FLAMMABILITY RATINGS AND VOLATILE ORGANIC COMPOUND REQUIREMENTS.
3. THE GENERAL CONTRACTOR SHALL INSPECT ALL SURFACES SCHEDULED TO RECEIVE NEW MATERIAL AND VERIFY THAT CONDITIONS ARE SUITABLE FOR APPLICATION OF FINISH MATERIAL PRIOR TO INSTALLATION INCLUDING, BUT NOT LIMITED TO PROVIDING A SURFACE THAT IS DRY, CLEAN AND FREE OF OIL, GREASE, MILDEW, LOOSE AND FLAKING PAINT AND OR ANY OTHER FOREIGN SUBSTANCES...

ABBREVIATIONS

Table with 4 columns: Abbreviation, Description, Abbreviation, Description. Includes terms like ADDL., A.F.F., A.P., APPROX., ARCH., A.V., etc.

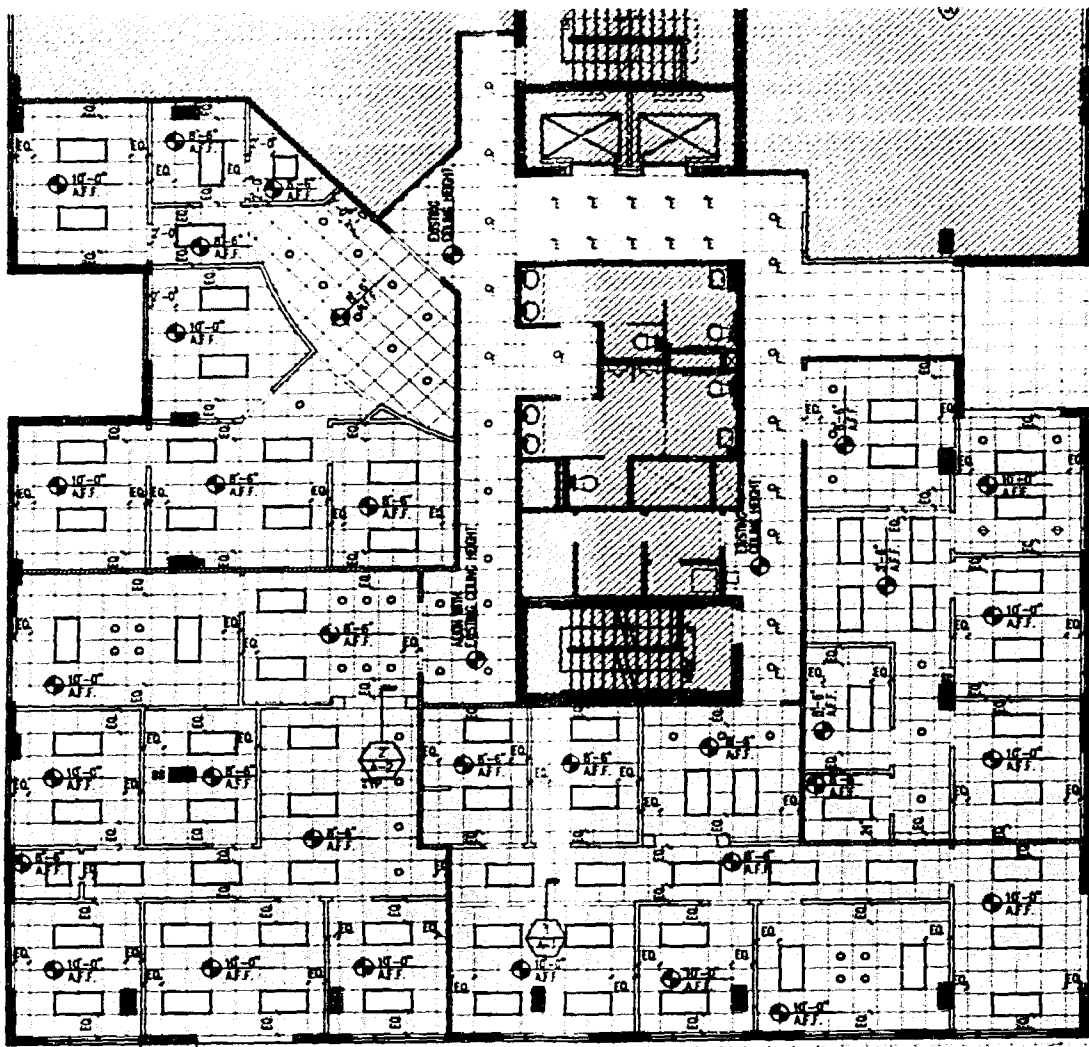
GENERAL DEMOLITION NOTES

- 1. IT IS NOT THE INTENT OF THESE PLANS TO SHOW EVERY DETAIL OF DEMOLITION AND CONSTRUCTION. GENERAL CONTRACTOR SHALL VISIT JOB LOCATION TO BECOME THOROUGHLY FAMILIAR WITH THE WORK AND SHALL VERIFY ALL EXISTING CONDITIONS APPLICABLE TO THE DEMOLITION WORK PRIOR TO SUBMITTING A BID FOR THE WORK.
2. NO DEBRIS SHALL BE ALLOWED TO ACCUMULATE ON THE JOB SITE. DEBRIS SHALL BE REMOVED BY THE CONTRACTOR AS THE JOB PROCEEDS. THE SITE SHALL BE LEFT ROOM CLEAN AT THE COMPLETION OF THE DEMOLITION.
3. DEMOLITION TO OCCUR IN SUCH A MANNER SO THAT ALL BUILDING STANDARD COMPONENTS SUCH AS LIGHT, SWITCHES, ALL DIFFUSERS AND RETURN AIR GRILLES, POWER DEVICES, DOORS, FRAMES, HARDWARE, ETC. ARE CAREFULLY REMOVED AND SALVAGED FOR RE-USE.

BUILDING CLASSIFICATION

Table with 4 columns: PROPERTY MANAGEMENT, TENANT, BUILDING ADDRESS, ARCHITECT, MEP, BUILDING USE, OCCUPANCY GROUPS, APPLICABLE CODE, CONSTRUCTION, BUILDING CONSTRUCTION TYPE, TOTAL CONSTRUCTION AREA, HAZARD OF CONTENTS.

id insight design logo and contact information for Atlantic Center for Interiors, 119 Washington Avenue, 4th Floor, Miami Beach, Florida 33139. Includes project number 0217-07, date 08/16/06, and sheet number G-1.



2 REFLECTED CEILING PLAN
1/8"=1'-0"

EXISTING STRUCTURAL SLAB
SEALANT BOTH SIDE (TYP.)
NEW CEILING AS PER PLAN
TENANT SIDE

NOTE:
WHERE CABINETRY IS INDICATED ON PLAN, USE METAL STUD GA. (96" O.C.) TO LIMIT DEFLECTION TO 1/360 (20 GA. W/4) AND PROVIDE 20 GA. GALV. FISH PLATES. FLAT NOT ROLLED, FOR CABINET ATTACHMENT.

PROVIDE 3 1/2" SOUND ATTENUATION
1 LAYER OF 5/8" G.W.B. TYPE "C" EACH SIDE OF 3 5/8" METAL STUDS @ 24" O.C., 25 GA.
NEW BASE AS PER FINISH PLAN & DETAILS
NEW FINISH FLOOR AS PER PLAN
CONC. SLAB.

NOTES:
ANCHOR WITH 1" TYPE S DRYWALL SCREWS @ O.C. TO VERTICAL EDGES AND 12" O.C. TO TOP AN BOTTOM RUNNERS AND INTERMEDIATE STUDS. STAGGER ALL VERTICAL AND HORIZONTAL JOINTS 24" O.C. EACH SIDE AND OPPOSITE SIDES.

FRAME AS REQUIRED TO SLAB / STRUCTURE ABOVE
3-1/2" SOUND ATTENUATION BLANKET, 2'-0" EA. SIDE

CEILING AS PER PLAN

NOTE:
WHERE CABINETRY IS INDICATED ON PLAN, USE METAL STUD GA. (96" O.C.) TO LIMIT DEFLECTION TO 1/360 (20 GA. W/4) AND PROVIDE 20 GA. GALV. FISH PLATES. FLAT NOT ROLLED, FOR CABINET ATTACHMENT.

3-1/2" SOUND ATTENUATION BLANKET

1 LAYER OF 5/8" G.W.B. EACH SIDE OF 3 5/8" METAL STUDS @ 24" O.C., 25 GA.
GALV. METAL FRAMER
SEAL C.W.B. TO FLOOR
BASE AS PER FINISH PLAN & DETAILS
FINISH FLOOR AS PER PLAN
CONC. SLAB.

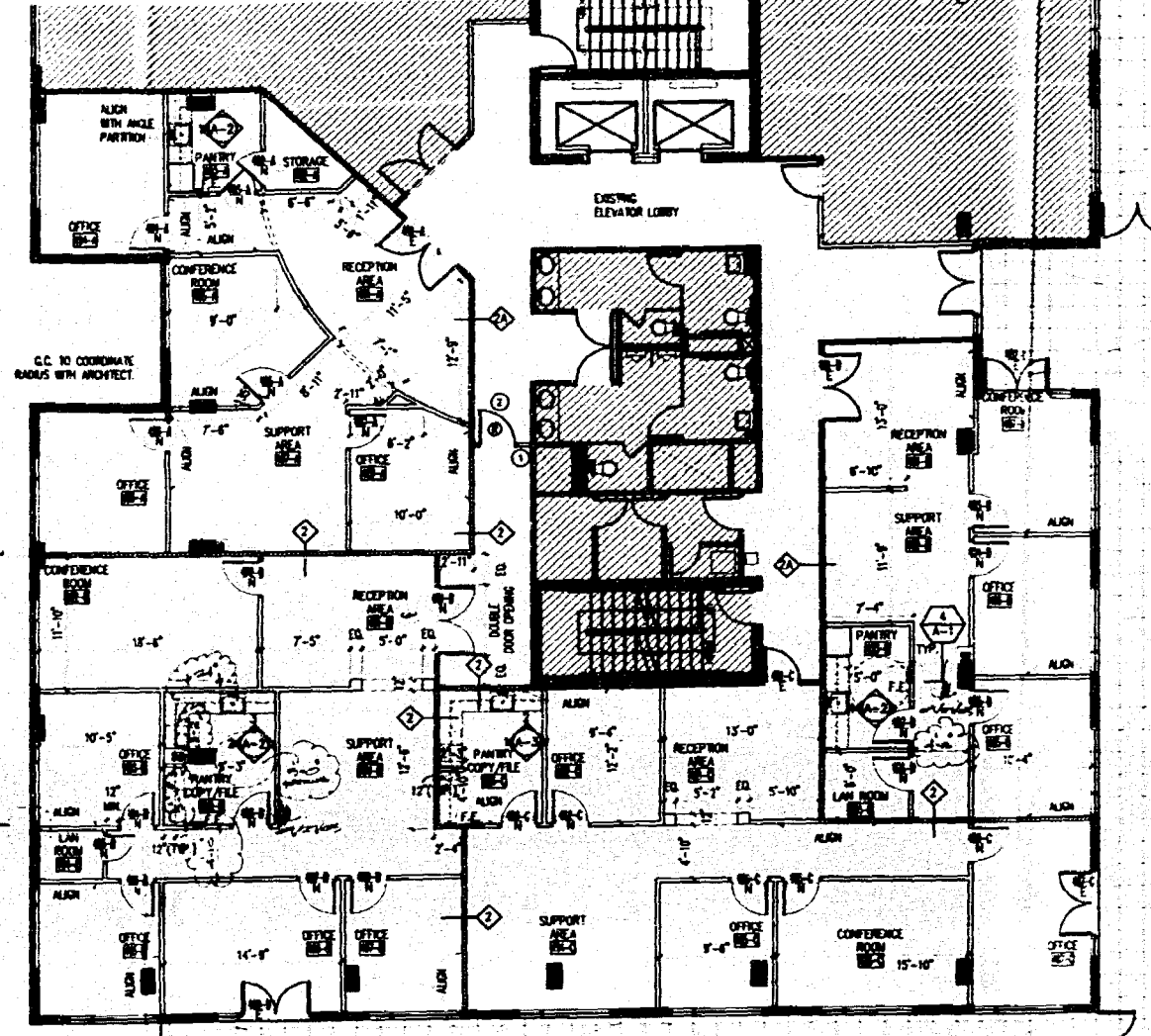
2 WALL PARTITION
DESIGN NO. U-115, 1 HOUR RATED
ASSEMBLY RATINGS
SYSTEM NO. HW-D-0016

1 WALL PARTITION
NTS

4 FIRE EXTINGUISHER
TYPICAL
NTS

3 PARTITION DETAIL
TYPICAL
NTS

1 CEILING DETAIL
TYPICAL
NTS



1 DEMOLITION & CONSTRUCTION PLAN
1/8"=1'-0"

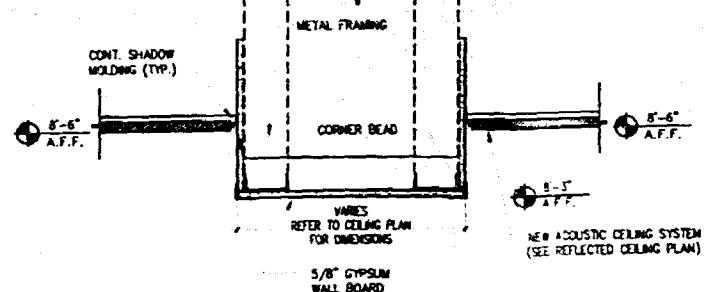
EXISTING CURTAINWALL
ALIGN EDGE OF WALL PARTITION WITH EDGE OF EXTERIOR WALL

5/8" G.W.B.

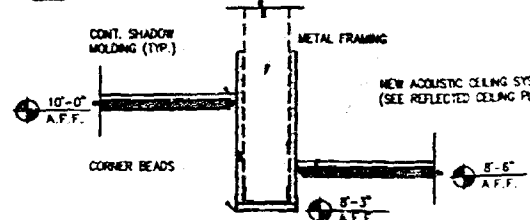
3 5/8" SOUND ATTENUATION BLANKET

NEW 5/8" G.W.B. OVER 1 1/2" FURRING STRIPS (TYP.) FOR ALL EXISTING PERIMETER CONCRETE AND C.M.U. WALLS.
EXISTING EXTERIOR WALL

NOTES:
1) CABINET TO BE OF MANUF.'S STANDARD UNITS OF SATISFAE SIZE FOR HOUSING FIRE EXTINGUISHER.
2) DOOR MATERIAL: STAINLESS STEEL FINISH.
3) DOOR STYLE: VERTICAL GLD.
4) G.C. TO COORDINATE REQUIRED INSTALLATION CLEARANCE PRIOR TO PURCHASING CABINET.
5) MEVA APPROVED FIRE EXTINGUISHER.



2 CEILING DETAIL
TYPICAL
NTS



1 CEILING DETAIL
TYPICAL
NTS

DEMOLITION LEGEND	
-----	EXISTING PARTITION TO BE REMOVED
-----	DOOR TAG DESIGNATION
⊗	EXISTING DOOR AND FRAME TO BE REMOVED
⊙	G.C. TO CAREFULLY REMOVE EXISTING PARTITION AS INDICATED AND PATCH/REPAIR/PREPARE REMAINING WALLS FOR PAINTING.
⊘	G.C. TO REMOVE EXISTING DOORS, HARDWARE AND FRAME AS NOTED AND SAFEGUARD FOR TENANT'S REUSE.
⊚	EXISTING OUTLETS, SWITCHES, AND OTHER DEVICES ON DEMOLISHED PARTITIONS NEED TO BE REMOVED AND ALL WIRES TRACED. (SAFEGUARD DEVICES FOR LANDLORD'S REUSE)
⊛	G.C. TO SAFEGUARD FIXTURES, PLUMBING, AND OTHER DEVICES FOR LANDLORD'S REUSE.

ARCHITECTURAL LEGEND	
-----	EXISTING BUILDING WALL
-----	EXISTING COLUMNS AND PIPES
-----	G.C. TO FURR OUT ALL EXISTING COLUMNS AND PENETRATING CONDUITS AND PIPES, NOT ALLOWING FOR MINIMUM WASTE IN ORDER TO MAXIMIZE THE USABLE AREA.
-----	NEW INTERIOR PARTITION
-----	NEW DEMISING PARTITION
-----	EXISTING DEMISING PARTITION
-----	DOOR TAG DESIGNATION
E	⊗ DENOTES EXISTING TO REMAIN
N	⊙ DENOTES NEW
-----	PARTITION TYPE
-----	NEW MILLWORK
-----	INTERIOR ELEVATIONS
-----	OFFICE
-----	DENOTES ROOM NAME AND NUMBER
-----	DENOTES CENTER LINE
-----	DENOTES NEW FIRE EXTINGUISHER

REFLECTED CEILING LEGEND	
-----	EXISTING 2'X2' ACOUSTICAL CEILING TILES AND GRID TO REMAIN
-----	NEW 2'X2' ACOUSTICAL CEILING TILES AND GRID
-----	NEW 2'X4' FLUORESCENT LIGHT FIXTURE WITH PARABOLIC OPTIC
-----	NEW 2'X2' FLUORESCENT LIGHT FIXTURE WITH PARABOLIC OPTIC
-----	NEW DOWNLIGHT FIXTURE TO MATCH EXISTING
-----	EXISTING DOWNLIGHT FIXTURE TO REMAIN
-----	NEW WALL MOUNTED LIGHT FIXTURE

GENERAL NOTES:

1. ALL FINISHES, SURFACES AND PRODUCTS WILL BE OF CONSISTENT QUALITY THROUGHOUT INTERIOR OF OFFICE SPACE AND PUBLIC CORRIDORS. THE FINISH SPECIFICATIONS WILL HAVE THE APPEARANCE OF A TOTALLY RENOVATED SPACE, WHERE ITEMS ARE REMOVED AND RELOCATED THEY WILL MATCH BOTH THE NEW AND EXISTING APPEARANCE AND FUNCTION. CONTRACTOR SHALL VERIFY ALL CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO SUBMITTING A BID.

2. THE INTERIOR SCOPE OF WORK DOES NOT INCLUDE ANY DEMOLITION, REMOVAL OR DISTURBANCE OF ANY EXISTING COMPONENTS OF THE EXISTING INTERIOR SHELL.

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insight
design

REVISION 7
07/2005
08/11/05

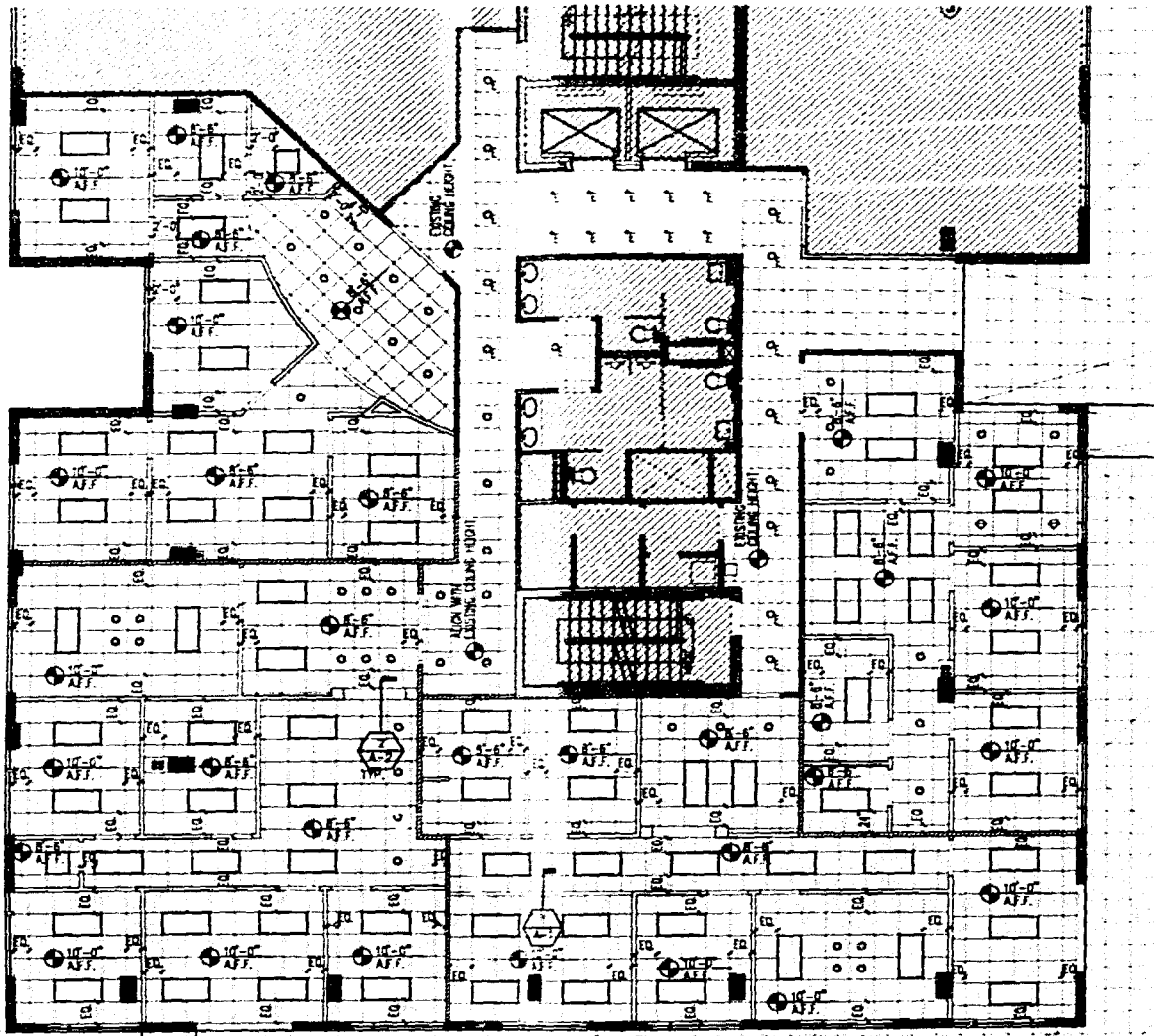
DEMOLITION PLAN
CONSTRUCTION PLAN
& REFLECTED CEILING PLAN

WORK BY
Atlantic Center
Miami Beach, Florida 33139

OFFICE COPY
CITY OF MIAMI BEACH
FOR PERMIT BY THE FOLLOWING:
[Signature]

insight design
ARCHITECTURE • INTERIOR
1955 N.W. 17th Avenue, Suite 400
Miami, Florida 33139
Phone: 305.375.4343
Fax: 305.375.4344

PROJECT NO. 0217-07
DRAWN BY JY
DATE: 06/18/05
SCALE: As Shown
SHEET NO. A-1



2 REFLECTED CEILING PLAN
1/8"=1'-0"

EXISTING STRUCTURAL SLAB
SEALANT BOTH SIDE (TYP.)
NEW CEILING AS PER PLAN -
TENANT SIDE

NOTE: WHERE CABINETRY IS INDICATED ON PLAN, USE METAL STUD GAL. (8" O.C.) TO LIMIT DEFLECTION TO 1/360 (20 GA. MIN.) AND PROVIDE 20 GAL. GALV. FISH PLATES. FLAT NOT ROLLED, FOR CABINET ATTACHMENT.

PROVIDE 3 1/2" SOUND ATTENUATION
1 LAYER OF 5/8" G.W.B. TYPE "30" EACH SIDE OF 3 5/8" METAL STUDS @ 24" O.C., 25 GA.
NEW BASE AS PER FINISH PLAN & DETAILS
NEW FINISH FLOOR AS PER PLAN CONC. SLAB.

NOTE:
ANCHOR WITH 1" TYPE S DRIFTPIN SCREW @ O.C. TO VERTICAL EDGES AND 12" O.C. TO TOP ANCHOR RUNNERS AND INTERMEDIATE STUDS. STAGGER ALL VERTICAL AND HORIZONTAL JOINTS 24" O.C. EACH SIDE AND OPPOSITE SIDES.

2 WALL PARTITION
DESIGN NO. 449-1 FLOOR RATIO: 1/2
ASSEMBLY RATINGS: SYSTEM NO. HW-D-0016
2A EXISTING PARTITION TO MATCH CHARACTERISTICS OF NEW DEMING PARTITION.

FRAME AS REQUIRED TO SLAB / STRUCTURE ABOVE
3-1/2" SOUND ATTENUATION BLANKET, 7'-0" EA. SIDE

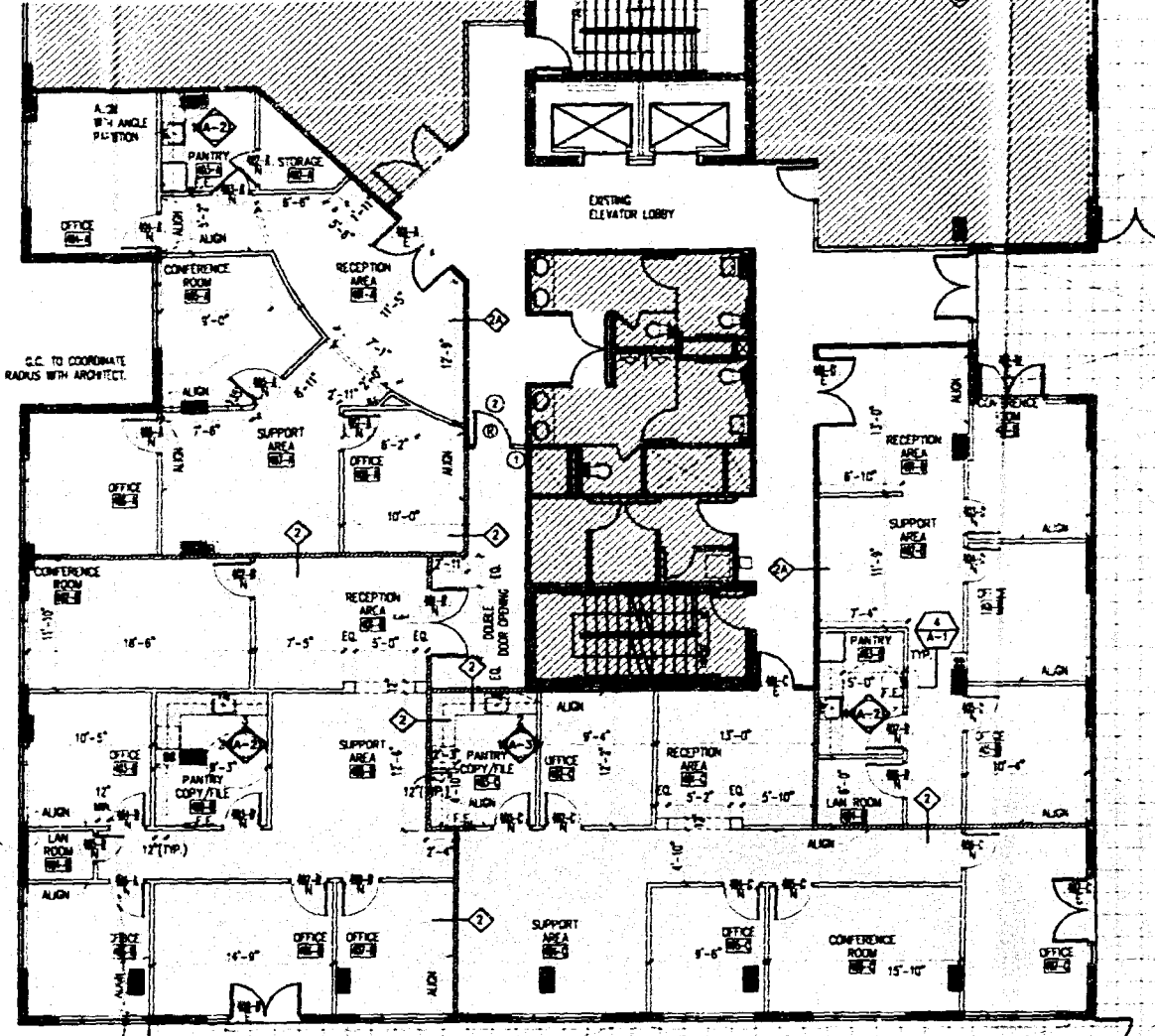
CEILING AS PER PLAN
NOTE: WHERE CABINETRY IS INDICATED ON PLAN, USE METAL STUD GAL. (8" O.C.) TO LIMIT DEFLECTION TO 1/360 (20 GA. MIN.) AND PROVIDE 20 GAL. GALV. FISH PLATES. FLAT NOT ROLLED, FOR CABINET ATTACHMENT.

3-1/2" SOUND ATTENUATION BLANKET
1 LAYER OF 5/8" G.W.B. EACH SIDE OF 3 5/8" METAL STUDS 24" O.C., 25 GA.
GALV. METAL RUNNER
SEAL G.W.B. TO FLOOR
BASE AS PER FINISH PLAN & DETAILS
FINISH FLOOR AS PER PLAN CONC. SLAB.

1 WALL PARTITION
TYPICAL N.T.S.

4 FIRE EXTINGUISHER
TYPICAL N.T.S.

3 PARTITION DETAIL
TYPICAL N.T.S.



1 DEMOLITION & CONSTRUCTION PLAN
1/8"=1'-0"

EXISTING CURTAINWALL
ALIGN EDGE OF WALL PARTITION WITH EDGE OF EXTERIOR WALL
5/8" G.W.B.
3 5/8" SOUND ATTENUATION BLANKET

NOTE:
1) CABINET TO BE OF MANUF.'S STANDARD UNITS OF SUITABLE SIZE FOR HOUSING FIRE EXTINGUISHER.
2) DOOR MATERIAL: STAINLESS STEEL FINISH.
3) DOOR STYLE: VERTICAL RUD.
4) C.C. TO COORDINATE REQUIRED INSTALLATION CLEARANCE PRIOR TO PURCHASING CABINET.
5) MPA APPROVED FIRE EXTINGUISHER.

NEW 5/8" G.W.B. OVER 1/2" FURRING STRIPS (TYP.) FOR ALL EXISTING PERIMETER CONCRETE AND CMU WALLS
EXISTING EXTERIOR WALL

CONT. SHADOW MOLDING (TYP.)
METAL FRAMING
CORNER BEAD
PRIOR TO CEILING PLAN FOR DIMENSIONS
NEW ACoustic CEILING SYSTEM (SEE REFLECTED CEILING PLAN)

NEW 2"X4" PLUMB LINE LIGHT FIXTURE WITH (TYP.)
NEW 2"X4" PLUMB LINE LIGHT FIXTURE WITH (TYP.)
NEW 2"X4" PLUMB LINE LIGHT FIXTURE WITH (TYP.)
NEW DOWNLOADER PREVENTION KIT
NEW WALL WASH LIGHT FIXTURE

NEW ACoustic CEILING SYSTEM (SEE REFLECTED CEILING PLAN)
CORNER BEADS
5/8" OPS/M WALL BOARD

2 CEILING DETAIL
TYPICAL N.T.S.

1 CEILING DETAIL
TYPICAL N.T.S.

DEMOLITION LEGEND	
XXXXXX	EXISTING PARTITION TO BE REMOVED
DOOR TAG DESIGNATION	
⊙	EXISTING DOOR AND FRAME TO BE REMOVED
⊖	C.C. TO CAREFULLY REMOVE EXISTING PARTITION AS NOTED AND PATCH/REPAIR/PREPARE REMAINING WALLS FOR PAINTING.
⊕	C.C. TO REMOVE EXISTING DOORS, HARDWARE AND FRAME AS NOTED AND SAFEGUARD FOR TENANT'S REUSE.
○	EXISTING OUTLETS, SWITCHES AND OTHER DEVICES ON DEMOLISHED PARTITIONS NEED TO BE REMOVED AND ALL WIRES PULLED (SAFEGUARD DEVICES FOR LANDLORD'S REUSE)
○	C.C. TO SAFEGUARD FIXTURES, PLUMBING AND OTHER DEVICES FOR LANDLORD'S REUSE.

ARCHITECTURAL LEGEND	
XXXXXX	EXISTING BUILDING WALL
----	EXISTING COLUMNS AND PIPES. C.C. TO FUR POINT ALL EXISTING COLUMNS AND PENETRATING CONDUITS AND PIPES. TYP. ALLOWING FOR MINIMUM WASTE IN ORDER TO MAXIMIZE THE USABLE AREA.
----	NEW INTERIOR PARTITION
----	NEW DEMING PARTITION
----	EXISTING DEMING PARTITION
⊖	DOOR TAG DESIGNATION ⊖ - DENOTES EXISTING TO REMAIN ⊕ - DENOTES NEW
----	PARTITION TYPE
----	NEW MILLWORK
----	INTERIOR ELEVATORS
OFFICE	DENOTES ROOM NAME AND NUMBER
+	DENOTES CENTER LINE
FE	DENOTES NEW FIRE EXTINGUISHER

REFLECTED CEILING LEGEND	
SYMBOL	DESCRIPTION
----	EXISTING 2"x2" ACOUSTIC CEILING TILES AND GRID TO REMAIN
----	NEW 2"x2" ACOUSTIC CEILING TILES AND GRID
----	NEW 2"x4" PLUMB LINE LIGHT FIXTURE WITH (TYP.) NEW 2"x4" PLUMB LINE LIGHT FIXTURE WITH (TYP.) NEW 2"x4" PLUMB LINE LIGHT FIXTURE WITH (TYP.) NEW DOWNLOADER PREVENTION KIT NEW WALL WASH LIGHT FIXTURE
○	EXISTING DOWNLIGHT FIXTURES TO REMAIN
○	NEW WALL WASH LIGHT FIXTURE

GENERAL NOTES

- * ALL FINISHES, SURFACES & PRODUCTS WILL BE OF CONSISTENT QUALITY THROUGHOUT INTERIOR OF OFFICE SPACE AND PUBLIC CORRIDOR. THE FINISH PRODUCT WILL HAVE THE APPEARANCE OF A TOTALLY RENOVATED SPACE. WHERE ITEMS ARE REUSED AND/OR RELOCATED THEY WILL MATCH BOTH THE NEW AND EXISTING APPEARANCE AND FUNCTION. CONTRACTOR SHALL VERIFY ALL CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO SUBMITTING A 90.

id insight design

REVISION 01/23/05

DEMOLITION PLAN
CONSTRUCTION PLAN
& REFLECTED CEILING PLAN

WORK UNIT

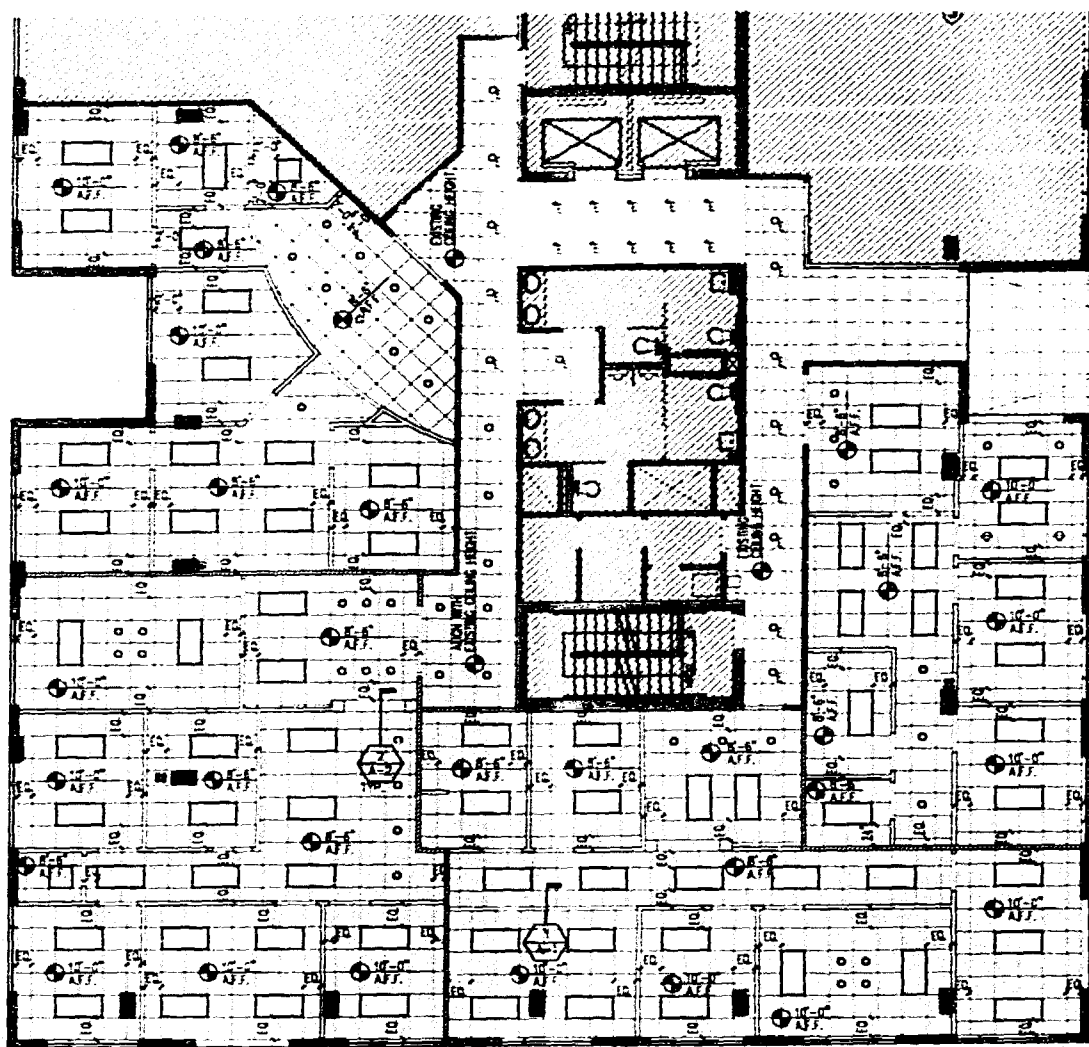
Office Center
1955 N.W. 17th Avenue, 4th Floor
Miami Beach, Florida 33139

OFFICE CENTER
PROPERTY OF MIAMI BEACH CITY

APPROVED FOR PERMIT
THE FOLLOWING:

id insight design
ARCHITECTURE & INTERIORS
1955 N.W. 17th Avenue, 4th Floor
Miami, Florida 305 545 5500
AR2162 o AA0003130 o 100000000

PROJECT NO: 0217-07
DRAWN BY: JV
DATE: 06/18/05
SCALE: As Shown
SHEET NO: A-1



2 REFLECTED CEILING PLAN
1/8"=1'-0"

EXISTING STRUCTURAL SLAB
SEALANT BOTH SIDE (TYP.)
NEW CEILING AS PER PLAN
TENANT SIDE

NOTE:
WHERE CABINETS IS INDICATED ON PLAN,
USE METAL STUD GA. (W/8" D.C.) TO LIMIT
DEFLECTION TO 1/260 (20 GA. W/8")
AND PROVIDE 22 GA. GALV. FISH PLATES
FLAT NOT ROLLED, FOR CABINET ATTACHMENT.

PROVIDE 3-1/2" SOUND ATTENUATION
1 LAYER OF 5/8" C.W.B. TYPE 17
EACH SIDE OF 3 5/8" METAL STUDS
W/ 24" D.C., 25 GA.
NEW RAISE AS PER
FINISH PLAN & DETAILS
NEW FINISH FLOOR AS PER PLAN
CONC. SLAB.

NOTES:
ANCHOR WITH 1" TYPE 5 DRYWALL SCREWS 8" O.C. TO
VERTICAL EDGES AND 12" O.C. TO TOP AN BOTTOM
RUNNERS AND INTERMEDIATE STUDS. STAGGER ALL VERTICAL
AND HORIZONTAL JOINTS 24" O.C. EACH SIDE AND OPPOSITE
SIDES.

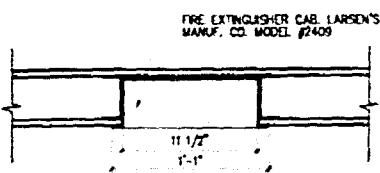
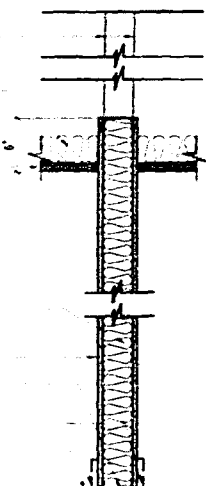
FRAME AS REQUIRED TO
SLAB / STRUCTURE ABOVE

3-1/2" SOUND ATTENUATION
BLANKET, 2'-0" EA. SIDE

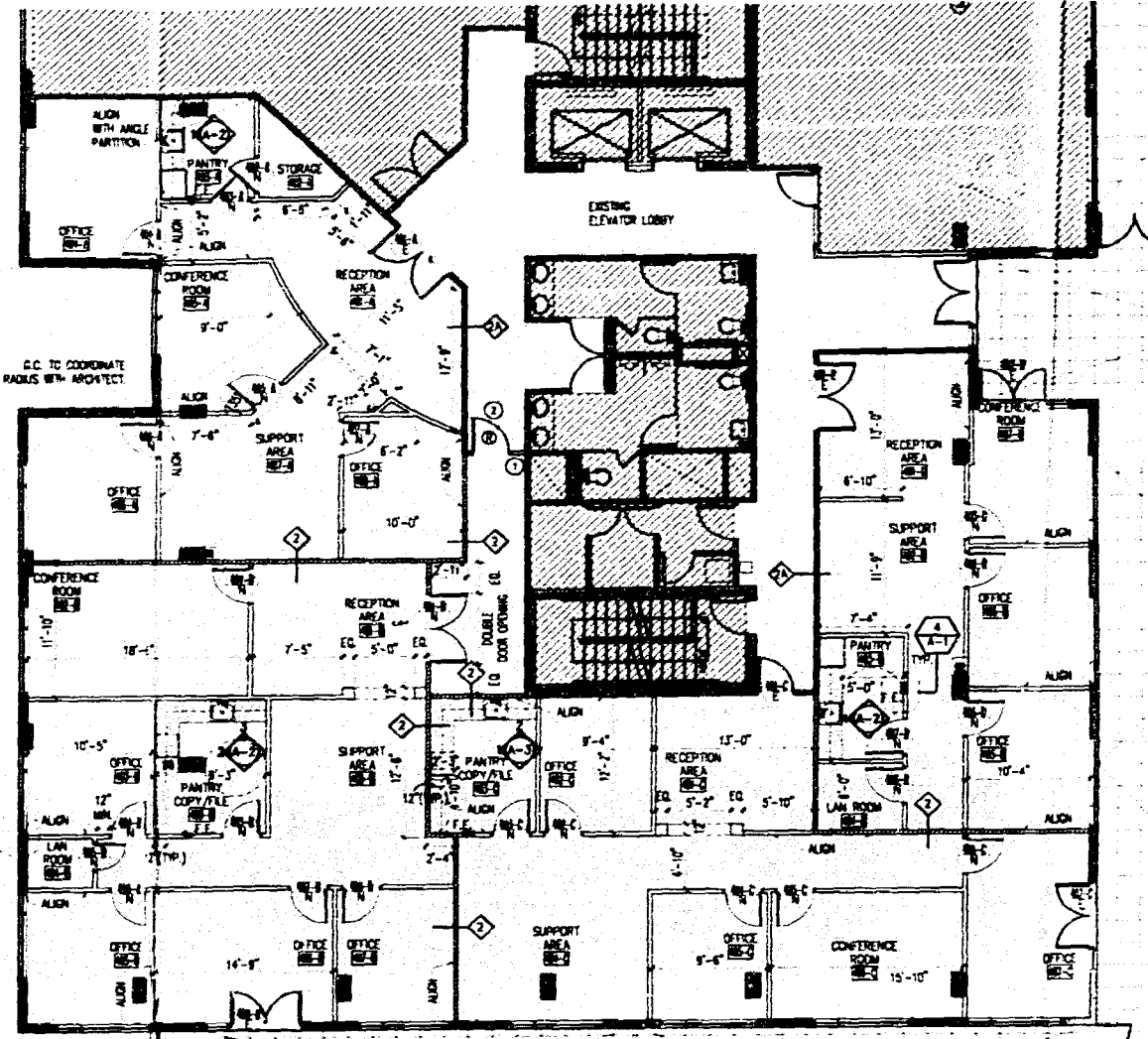
CEILING AS PER PLAN

NOTE:
WHERE CABINETS IS INDICATED ON PLAN,
USE METAL STUD GA. (W/8" D.C.) TO LIMIT
DEFLECTION TO 1/260 (20 GA. W/8")
AND PROVIDE 22 GA. GALV. FISH PLATES
FLAT NOT ROLLED, FOR CABINET ATTACHMENT.

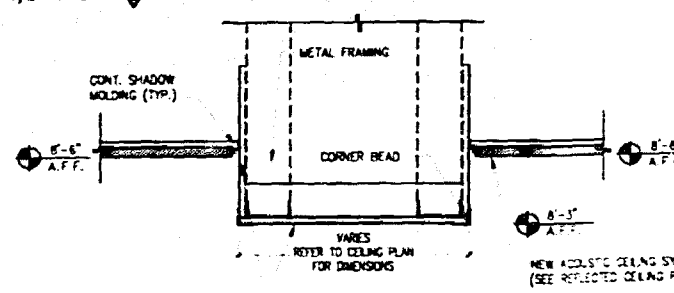
PROVIDE 3-1/2" SOUND ATTENUATION
1 LAYER OF 5/8" C.W.B. EACH SIDE
OF 3 5/8" METAL STUDS 24" O.C., 25 GA.
GALV. METAL RUNNER
SEAL C.W.B. TO FLOOR
BASE AS PER FINISH PLAN & DETAILS
FINISH FLOOR AS PER PLAN
CONC. SLAB.



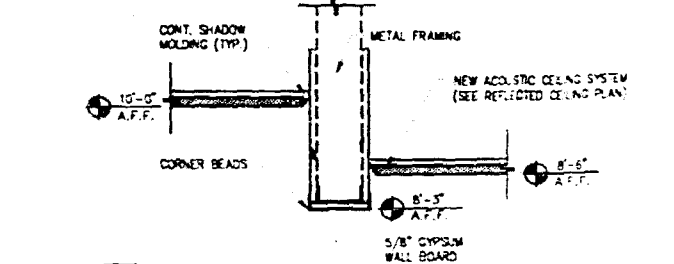
NOTES:
1) CABINET TO BE OF MANUF.'S STANDARD UNITS OF
SUITABLE SIZE FOR HOUSING FIRE EXTINGUISHER.
2) DOOR MATERIAL, STAINLESS STEEL FINISH.
3) DOOR STYLE, VERTICAL SWG.
4) O.C. TO COORDINATE REQUIRED INSTALLATION
CLEARANCE PRIOR TO PURCHASING CABINET.
5) NFPA APPROVED FIRE EXTINGUISHER.



1 DEMOLITION & CONSTRUCTION PLAN
1/8"=1'-0"



2 CEILING DETAIL
TYPICAL N.T.S.



1 CEILING DETAIL
TYPICAL N.T.S.

DEMOLITION LEGEND

----- EXISTING PARTITION TO BE REMOVED
DOOR TAG DESIGNATION
O EXISTING DOOR AND FRAME TO BE REMOVED

○ O.C. TO CAREFULLY REMOVE EXISTING PARTITION AS NOTATED AND PATCH/REPAIR/PREPARE REMAINING WALLS FOR PAINTING.
○ O.C. TO REMOVE EXISTING DOORS, HARDWARE AND FRAME AS NOTED AND SATISFACTION FOR TENANTS REUSE.
• EXISTING OUTLETS, SWITCHES, AND OTHER DEVICES ON DEMOLISHED PARTITIONS NEED TO BE REMOVED AND ALL WIRES ROLLED (SAFEGUARD DEVICES FOR LANDLORD'S REUSE)
• O.C. TO SAFELAMP FIXTURES, PLUMBING, AND OTHER DEVICES FOR LANDLORD'S REUSE.

ARCHITECTURAL LEGEND

----- EXISTING BUILDING WALL
[Symbol] EXISTING COLUMNS AND PILES
O.C. TO PATCH/REPAIR/PREPARE REMAINING WALLS AND PILES TOY ALLOWING FOR MINIMUM WASTE IN ORDER TO MAXIMIZE THE USABLE AREA.
[Symbol] NEW INTERIOR PARTITION
[Symbol] NEW DEMISING PARTITION
[Symbol] EXISTING DEMISING PARTITION
DOOR TAG DESIGNATION
E = DENOTES EXISTING TO REMAIN
N = DENOTES NEW
[Symbol] PARTITION TYPE
[Symbol] NEW MILLWORK
[Symbol] INTERIOR ELEVATIONS
[Symbol] DENOTES ROOM NAME AND NUMBER
[Symbol] DENOTES CENTER LINE
[Symbol] DENOTES NEW FIRE EXTINGUISHER

REFLECTED CEILING LEGEND

SYMBOL DESCRIPTION
[Symbol] EXISTING 2'x2' ACOUSTICAL CEILING TILES AND GRID TO REMAIN
[Symbol] NEW 2'x2' ACOUSTICAL CEILING TILES AND GRID
[Symbol] NEW 2'x4' FLUORESCENT LIGHT FIXTURE WITH PARABOLIC DIFFUSER
[Symbol] NEW 2'x2' FLUORESCENT LIGHT FIXTURE WITH PARABOLIC DIFFUSER
[Symbol] NEW DOWNLIGHT FIXTURE TO MATCH EXISTING
[Symbol] EXISTING DOWNLIGHT FIXTURE TO REMAIN
[Symbol] NEW WALL WASH LIGHT FIXTURE

O.C. TO PATCH/REPLACE AND REPAIR EXISTING ACOUSTIC CEILING SYSTEM (INCLUDING OF GRID, TILES, ETC.) AS NEEDED AND PROVIDE NEWLY FINISH CEILING THAT MATCH WITH EXISTING ADJACENT.

GENERAL NOTES

• ALL FINISHES, SURFACES & PRODUCTS WILL BE OF CONSISTENT QUALITY THROUGHOUT INTERIOR OF OFFICE SPACE AND PUBLIC CORRIDOR. THE FINISH PRODUCT WILL HAVE THE APPEARANCE OF A TOTALLY RENOVATED SPACE. WHERE ITEMS ARE REVISED AND/OR RELOCATED THEY WILL MATCH BOTH THE NEW AND EXISTING APPEARANCE AND FUNCTION. CONTRACTOR SHALL VERIFY ALL CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO COMMENCING WORK.
ARCHITECT'S PERMISSION IS REQUIRED BY THE FOLLOWING:

BUILDING ZONING
FIRE DEPT.
CONCRETE REINFORCEMENT
ELECTRICAL
MECHANICAL
FIRE-RESISTANT
ENGINEERING
PLUMBING
STRUCTURAL
TERRAZZO
WOODWORK

DATE: 06/15/05
SCALE: AS SHOWN
SHEET NO: A-1

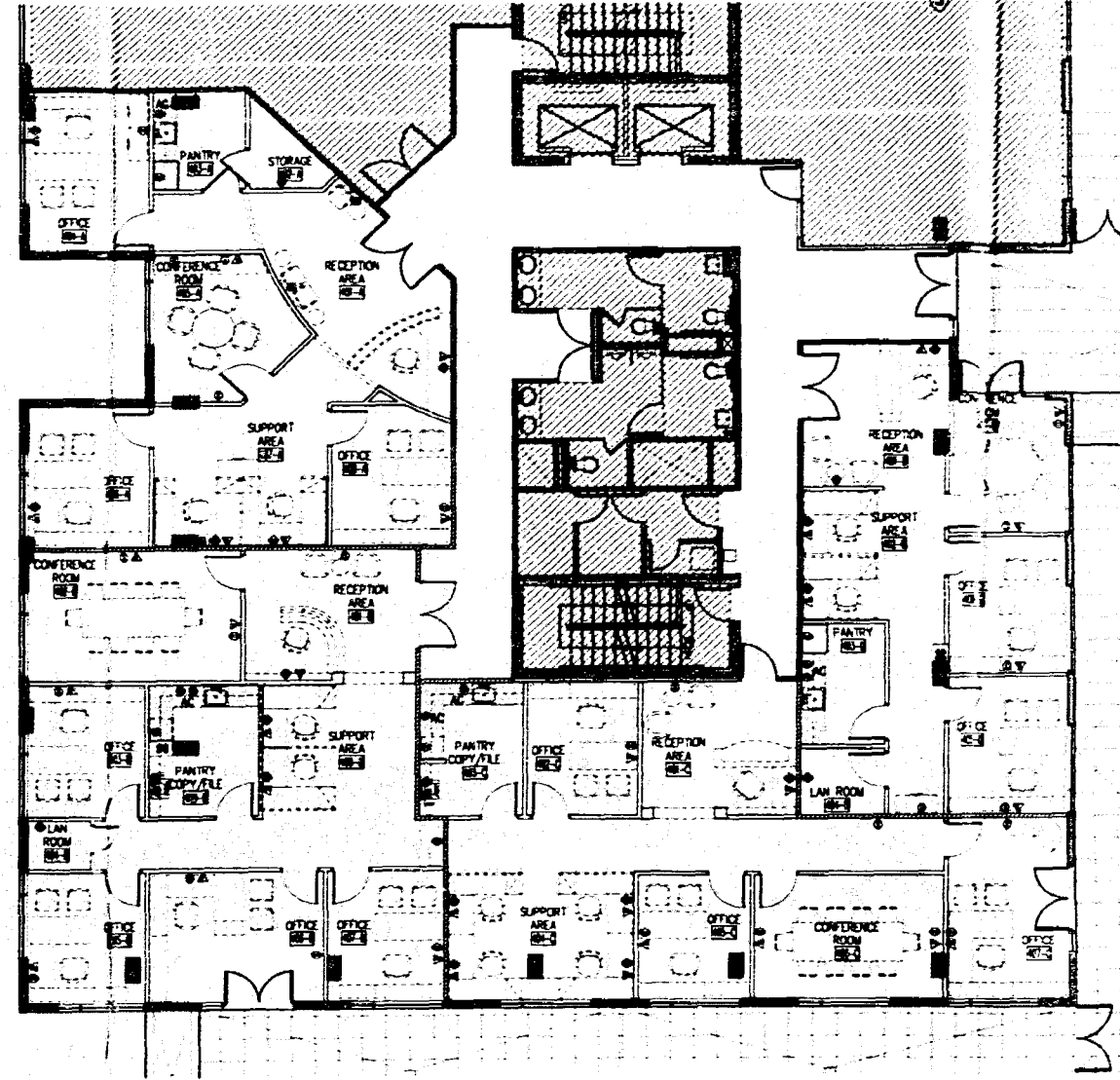
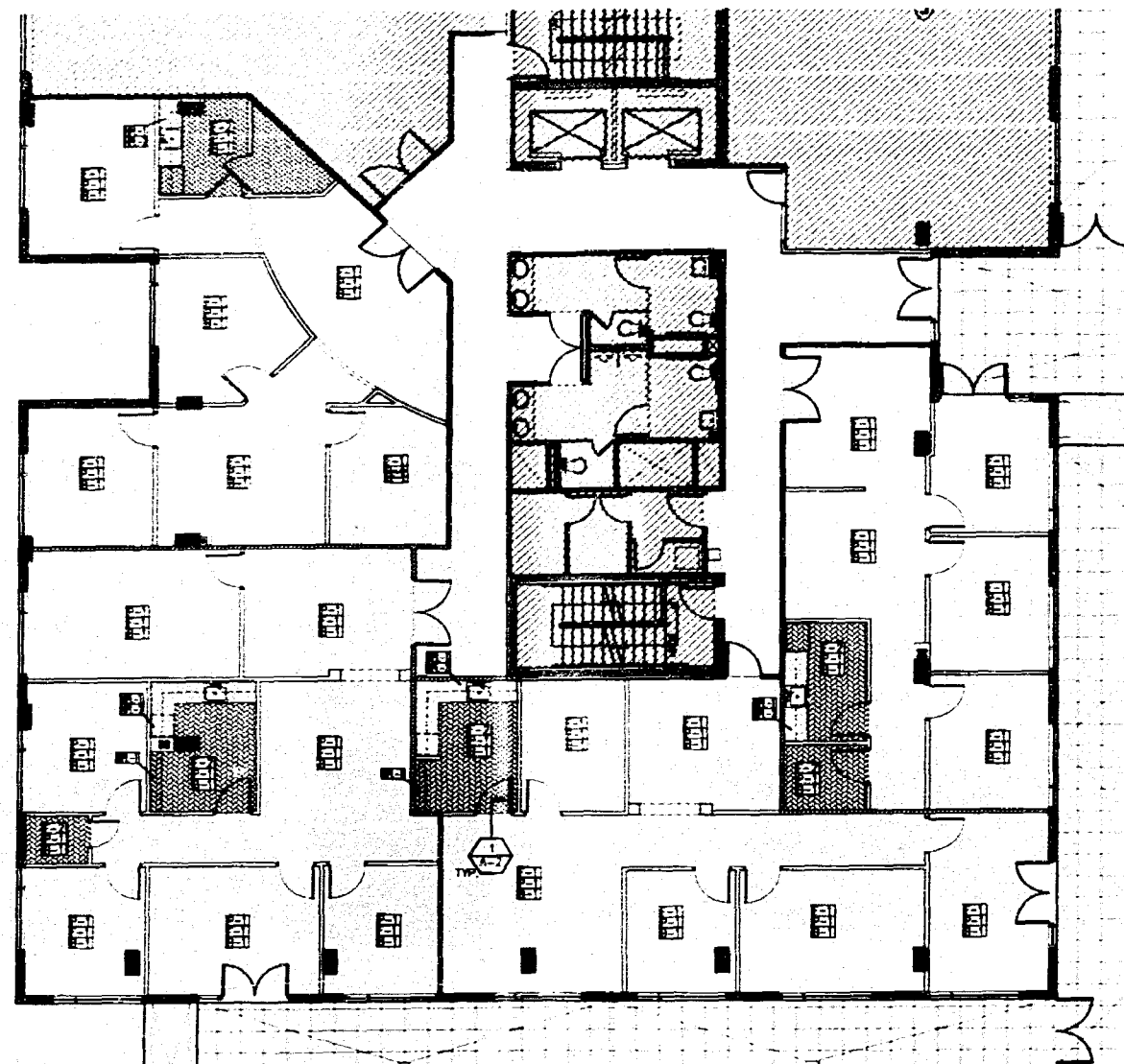
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design

DEMOLITION PLAN
CONSTRUCTION PLAN
& REFLECTED CEILING PLAN

WORK IN
Atlantic Center
119 Washington Avenue, 4th Floor
Miami Beach, Florida 33139

insight design
ARCHITECTURE & INTERIORS
1955 N.W. 17th AVENUE
Miami, Florida 33155
AR2162 o A0003130 o ID0003864

PROJECT NO: 0217-07
DRAWN BY: JN
DATE: 06/15/05
SCALE: AS SHOWN
SHEET NO: A-1



FINISH SCHEDULE	
FLOORING	
[Symbol]	G.C. TO PREPARE REQUIRED AREAS TO RECEIVE NEW CARPET FLOORING BY BELLUCI. COLOR: TBO.
[Symbol]	G.C. TO PREPARE HATCHED AREAS TO RECEIVE NEW V.C. BY ARMSTRONG. COLOR: TBO.
BASE	
[Symbol]	G.C. TO PREPARE ENTIRE SPACE TO RECEIVE NEW 4" RUBBER BASE BY ALUSTATE. COLOR: TBO.
WALLS	
[Symbol]	G.C. TO PREPARE ENTIRE SPACE TO RECEIVE NEW FINISH PAINT BY BENJAMIN MOORE. WHITE - "A" RW. FINISH: EGGSHELL.
BILLWORK	
[Symbol]	HORIZONTAL PLASTIC LAMINATE BY FORMICA. COLOR: TBO.
[Symbol]	VERTICAL PLASTIC LAMINATE BY FORMICA. COLOR: TBO.
POWER LEGEND	
SYMBOL	DESCRIPTION
[Symbol]	DENOTES DUPLEX OUTLET
[Symbol]	DENOTES QUAD OUTLET
[Symbol]	DENOTES VOICE OUTLET
[Symbol]	DENOTES DATA OUTLET
[Symbol]	DENOTES VOICE & DATA OUTLET
[Symbol]	DENOTES 6" ABOVE COUNTER
* ALL ELECTRICAL DEVICES SUCH AS LIGHT SWITCHES, OUTLETS, ETC. TO BE DECORAL LEVITON. COLOR: WHITE U.G.N.	

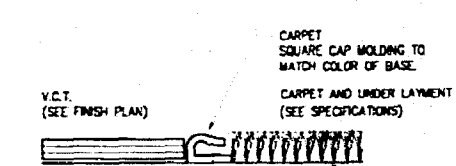
- POWER & COMMUNICATIONS NOTES**
- ALL CONFERENCE OUTLETS ARE TO BE LOCATED HORIZONTALLY CENTERLINE OF CONFERENCE OUTLETS TO BE LOCATED 16" AFF. U.G.N.
 - OUTLETS WILL BE LOCATED 6" ON CENTER FROM EACH OTHER U.G.N.
 - THIS DRAWING IS FOR NEW JACK LOCATION ONLY. FOR COMPLETE SPECIFICATIONS AND LOCATIONS REFER TO ENGINEERING DRAWINGS.
 - ELECTRICAL SYMBOLS ARE NOT DRAWN TO SCALE.
 - WHENEVER LOCATED ON TOP OF EACH OTHER, THE CENTERLINE OF A LIGHT SWITCH OR GROUP OF SWITCHES WILL ALIGN WITH THE CENTERLINE OF THE CONFERENCE OUTLET.
 - ALL TELEPHONE & DATA OUTLETS SHOWN WILL CONSIST OF A SINGLE 3" CONDUIT CONNECTED TO A SINGLE QUAD, BOX CONDUIT TO RISE 8" ABOVE CEILING LINE WITH PLenum.
 - REFER TO ELECTRICAL PLANS FOR CIRCUITING SPECIFICATIONS ON ALL OUTLETS.
 - ALL TELEPHONE & DATA CONNECTIONS TO BE RING & STRUNG TYPE.
 - ALL PANTRY OUTLETS (IF APPLICABLE) TO BE GFI TYPE U.G.N.
 - G.C. TO VERIFY THE AVAILABILITY OF POWER IS A GOOD WORKING ORDER.
 - ALL OUTLETS TO BE 16" AFF. TO CENTERLINE U.G.N.
 - COORDINATE ALL POKE-THROUGHS WITH FURNITURE SYSTEM REPRESENTATIVE AND BUILDING MANAGEMENT.
 - G.C. TO RUN ROUT AS REQUIRED INTERIOR SIDE OF PERIMETER EXTERIOR WALL FOR ELECTRICAL BOX INSTALLATIONS.
 - ALL EXTERIOR OUTLETS & SPEAKERS TO HAVE ULL OUTDOOR RATING.

GENERAL NOTES

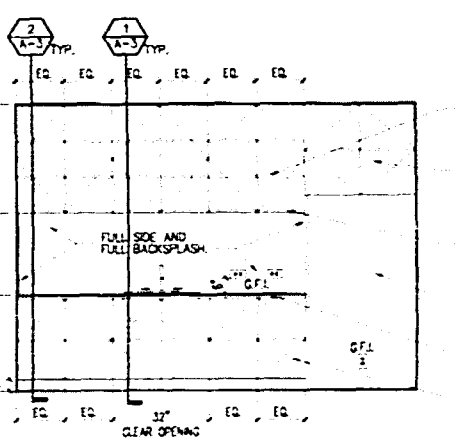
ALL FINISH SURFACES & PRODUCTS WILL BE OF SUPERIOR QUALITY THROUGHOUT INTERIOR OF OFFICE SPACE AND PUBLIC CORRIDOR. THE FINISH PRODUCT WILL BE THE RESPONSIBILITY OF A TOTALY RENOVATION CONTRACTOR. THESE ITEMS ARE REVISED AND/OR RESELECTED BY THE ARCHITECT. BOTH THE NEW AND EXISTING CONTRACTOR AND FINITION CONTRACTOR SHALL VERIFY ALL CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO COMMENCEMENT OF WORK.

SEP 15 2005

ALFONSO BONEI

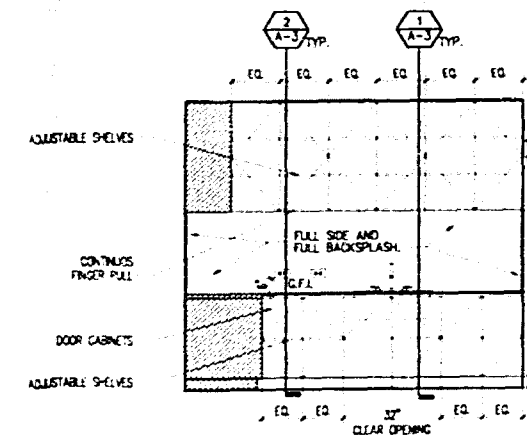


1 FLOORING DETAIL
1 1/2"=1'-0"

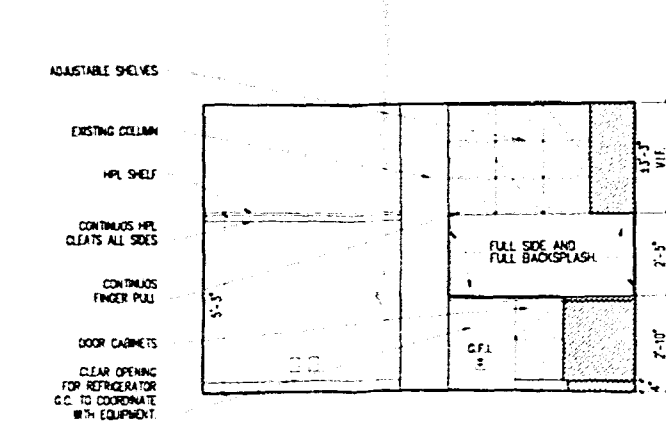


4 ELEVATION
PANTRY 403-D
3/8"=1'-0"

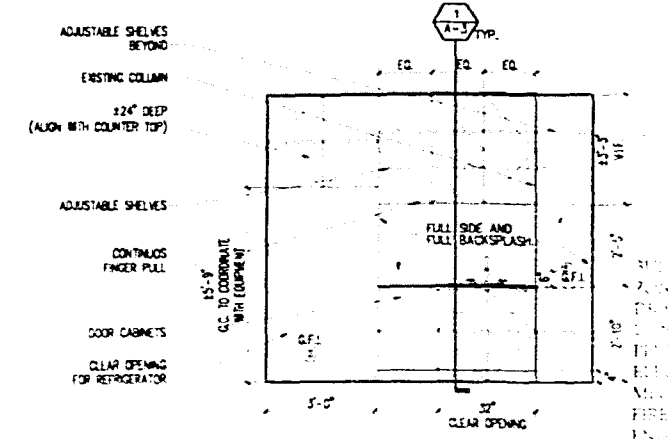
2 FINISH PLAN
1/8"=1'-0"



3 ELEVATION
PANTRY / COPY / FILE 409-B
3/8"=1'-0"



2 ELEVATION
PANTRY / COPY / FILE 409-B
3/8"=1'-0"



1 ELEVATION
PANTRY 403-A
3/8"=1'-0"

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design

WORK IN PROGRESS
POWER & COMMUNICATION PLAN
FINISH PLAN
& ELEVATIONS

Atlantic Center
119 Washington Avenue, 4th Floor
Miami Beach, Florida 33139

insight design
ARCHITECTURE & INTERIORS
1955 N.W. 17th Avenue, Suite 4064
Miami, Florida 33155
ARB2162 • AA0003130 • 100003984

PROJECT NO: 0217-07
DATE: 06/16/05
SCALE: AS SHOWN
REVISED: A-2

ALFONSO BONEI

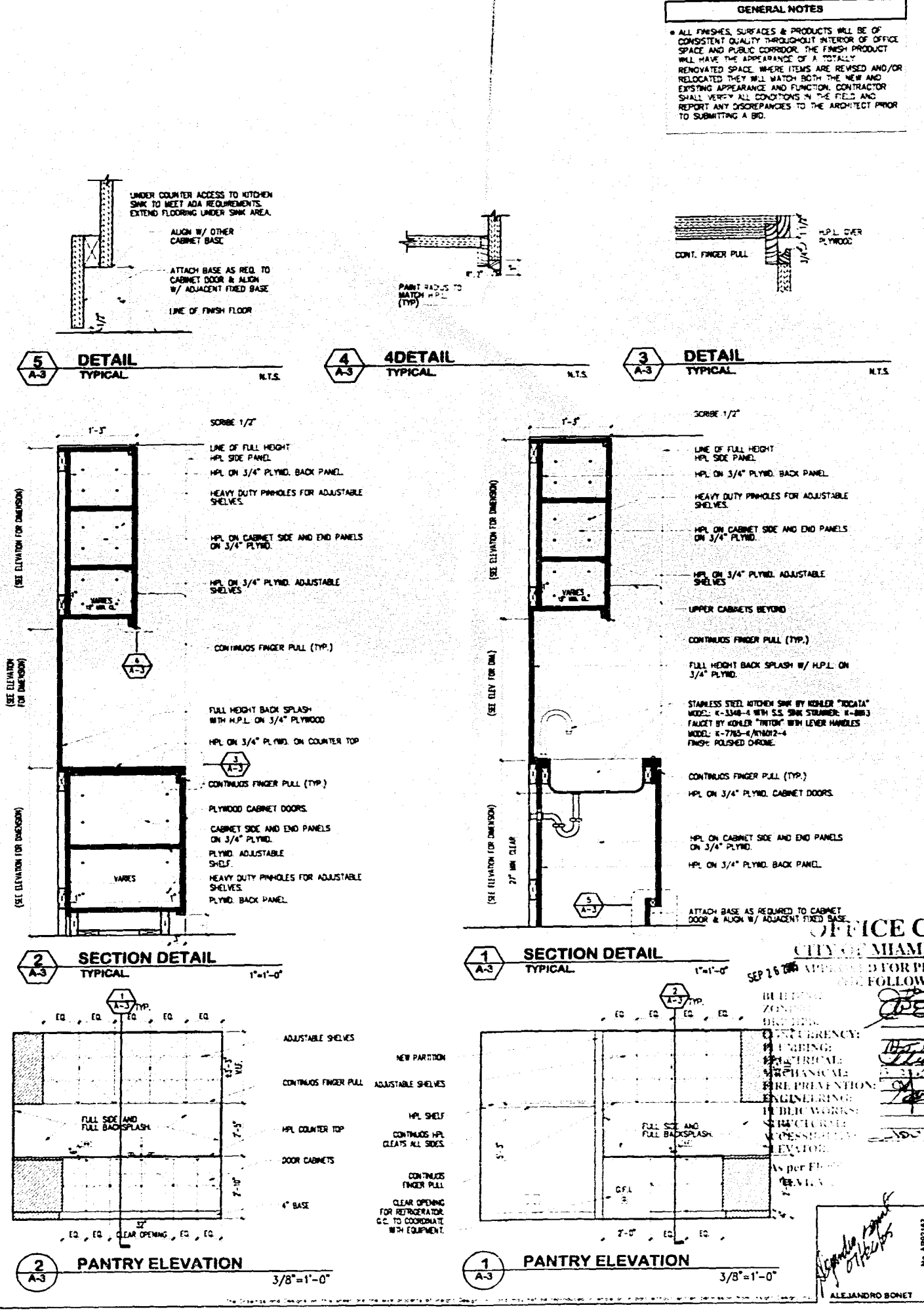
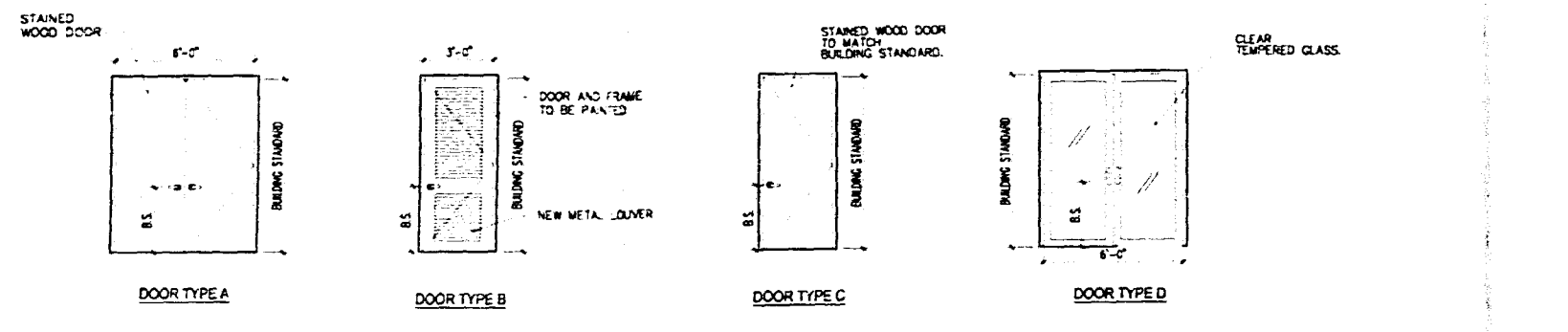
DOOR SCHEDULE																				
DOOR LOCATION	DOOR No	TYPE	HARDWARE S/T	SIZE			UNDERCUT	MATERIAL	FINISH	LABEL	GLASS TYPE	HOLLOW CORE	HOLLOW CORE	HOLLOW CORE	HOLLOW CORE	HOLLOW CORE	HOLLOW CORE	HOLLOW CORE	HOLLOW CORE	REMARKS
				WIDTH	HEIGHT	THICKNESS (in.)														
DESCRIPTION																				
FRAME																				
DET																				
THR																				
WEATHER-STRIP																				
DOOR STOP																				
ENTRANCE DOOR	421-A	A	BS	2'-3"-0"	BS	1'-3/4"	WD	STN												EXISTING DOOR & FRAME TO REMAIN
STORAGE	422-A	C	BS	3'-0"	BS	1'-3/4"	WD	STN												NEW DOOR & FRAME
PANTRY	423-A	C	BS	3'-0"	BS	1'-3/4"	WD	STN												NEW DOOR & FRAME
OFFICE 424-A	424-A	C	BS	3'-0"	BS	1'-3/4"	WD	STN												NEW DOOR & FRAME
CONFERENCE ROOM	425-A	C	BS	3'-0"	BS	1'-3/4"	WD	STN												NEW DOOR & FRAME
OFFICE 426-A	426-A	C	BS	3'-0"	BS	1'-3/4"	WD	STN												NEW DOOR & FRAME
OFFICE 428	427-A	C	BS	3'-0"	BS	1'-3/4"	WD	STN												NEW DOOR & FRAME
ENTRANCE DOOR	421-B	A	BS	2'-3"-0"	BS	1'-3/4"	WD	STN												NEW DOOR & FRAME (AS INDICATED TO MATCH EXISTING BUILDING STANDARD)
CONFERENCE ROOM	422-B	C	BS	3'-0"	BS	1'-3/4"	WD	STN												NEW DOOR & FRAME
PANTRY/COPY/FILE	423-B	C	BS	3'-0"	BS	1'-3/4"	WD	STN												NEW DOOR & FRAME
OFFICE 424-B	424-B	C	BS	3'-0"	BS	1'-3/4"	WD	STN												NEW DOOR & FRAME
LAN ROOM 424-B	425-B	C	BS	3'-0"	BS	1'-3/4"	WD	STN												NEW DOOR & FRAME
OFFICE 425-B	426-B	C	BS	3'-0"	BS	1'-3/4"	WD	STN												NEW DOOR & FRAME
OFFICE 426-B	427-B	C	BS	3'-0"	BS	1'-3/4"	WD	STN												NEW DOOR & FRAME
OFFICE 428-B	428-B	C	BS	3'-0"	BS	1'-3/4"	WD	STN												EXISTING DOOR & FRAME TO REMAIN
OFFICE 427-B	429-B	C	BS	3'-0"	BS	1'-3/4"	WD	STN												NEW DOOR & FRAME
ENTRANCE DOOR	401-C	C	BS	3'-0"	BS	1'-3/4"	WD	STN												EXISTING DOOR & FRAME TO REMAIN
OFFICE 402-C	402-C	C	BS	3'-0"	BS	1'-3/4"	WD	STN												NEW DOOR & FRAME
PANTRY/COPY/FILE	403-C	C	BS	3'-0"	BS	1'-3/4"	WD	STN												NEW DOOR & FRAME
OFFICE 405-C	404-C	C	BS	3'-0"	BS	1'-3/4"	WD	STN												NEW DOOR & FRAME
CONFERENCE ROOM	406-C	C	BS	3'-0"	BS	1'-3/4"	WD	STN												NEW DOOR & FRAME
OFFICE 407-C	406-C	C	BS	3'-0"	BS	1'-3/4"	WD	STN												NEW DOOR & FRAME
OFFICE 407-C	407-C	D	BS	2'-3"-0"	BS	1'-3/4"	WD	STN												EXISTING DOOR & FRAME TO REMAIN
ENTRANCE DOOR	401-D	A	BS	2'-3"-0"	BS	1'-3/4"	WD	STN												EXISTING DOOR & FRAME TO REMAIN
CONFERENCE ROOM	402-D	D	BS	2'-3"-0"	BS	1'-3/4"	HW/CL	PNT/CL												EXISTING DOOR & FRAME TO REMAIN
CONFERENCE ROOM	403-D	C	BS	3'-0"	BS	1'-3/4"	WD	STN												NEW DOOR & FRAME
OFFICE 406-D	404-D	C	BS	3'-0"	BS	1'-3/4"	WD	STN												NEW DOOR & FRAME
OFFICE 405-D	405-D	C	BS	3'-0"	BS	1'-3/4"	WD	STN												NEW DOOR & FRAME
LAN ROOM 404-D	406-D	C	BS	3'-0"	BS	1'-3/4"	WD	STN												NEW DOOR & FRAME
PANTRY 403-D	407-D	C	BS	3'-0"	BS	1'-3/4"	WD	STN												NEW DOOR & FRAME

HARDWARE SCHEDULE

NOTE: GENERAL CONTRACTOR TO SUBMIT A FULLY DETAILED HARDWARE SCHEDULE WITH CUT SHEETS OF ALL ITEMS TO BE PROVIDED. THE SCHEDULE SHALL BE WRITTEN BY A HARDWARE DETAILING SPECIALIST AND SHALL BE COORDINATE WITH ALL RELATED ASPECTS OF THE PROJECT. FINISH OF ALL EXPOSED ITEMS SHALL BE POLISHED STAINLESS STEEL. ALL ITEMS SHALL BE ADA COMPLIANT.

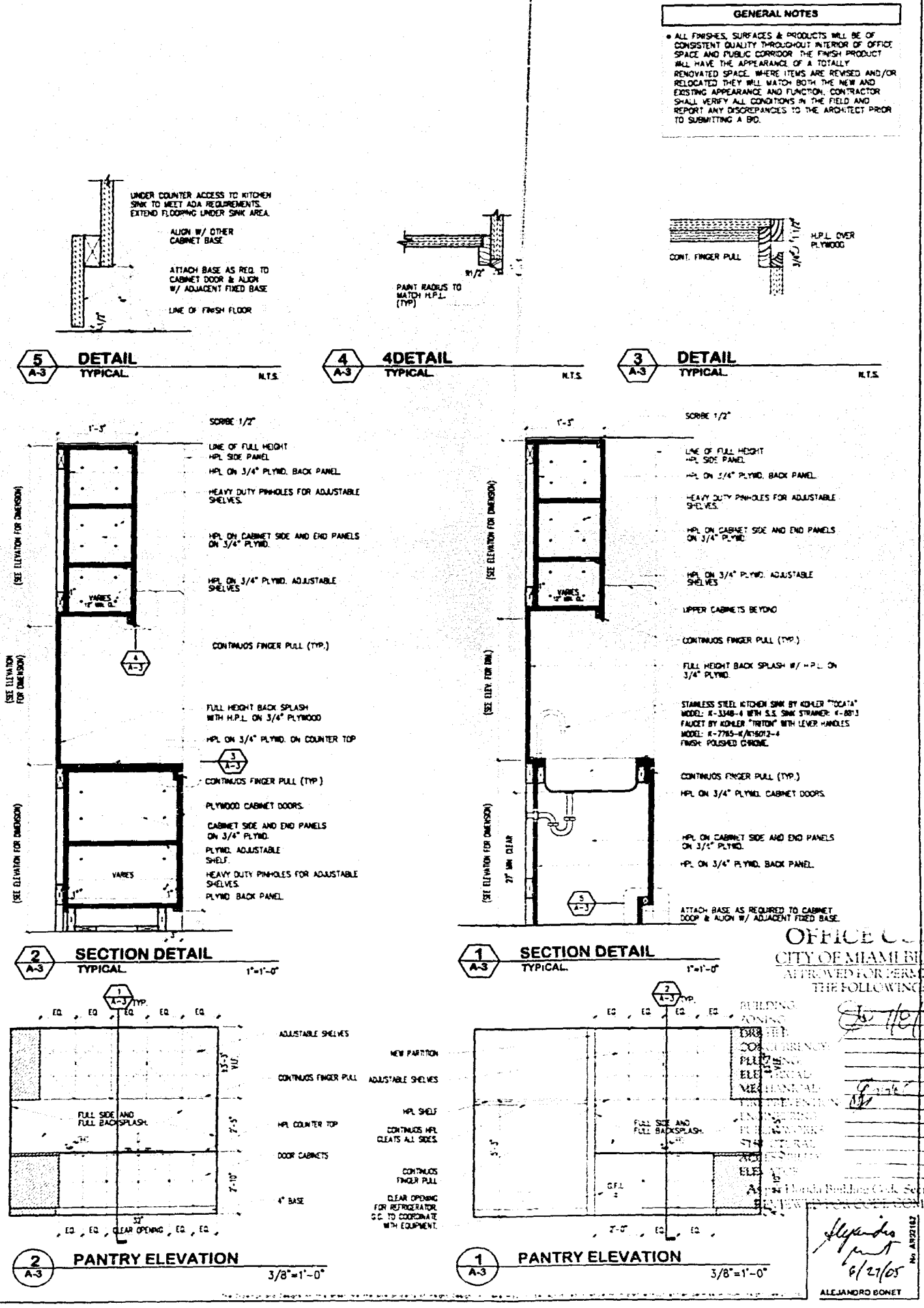
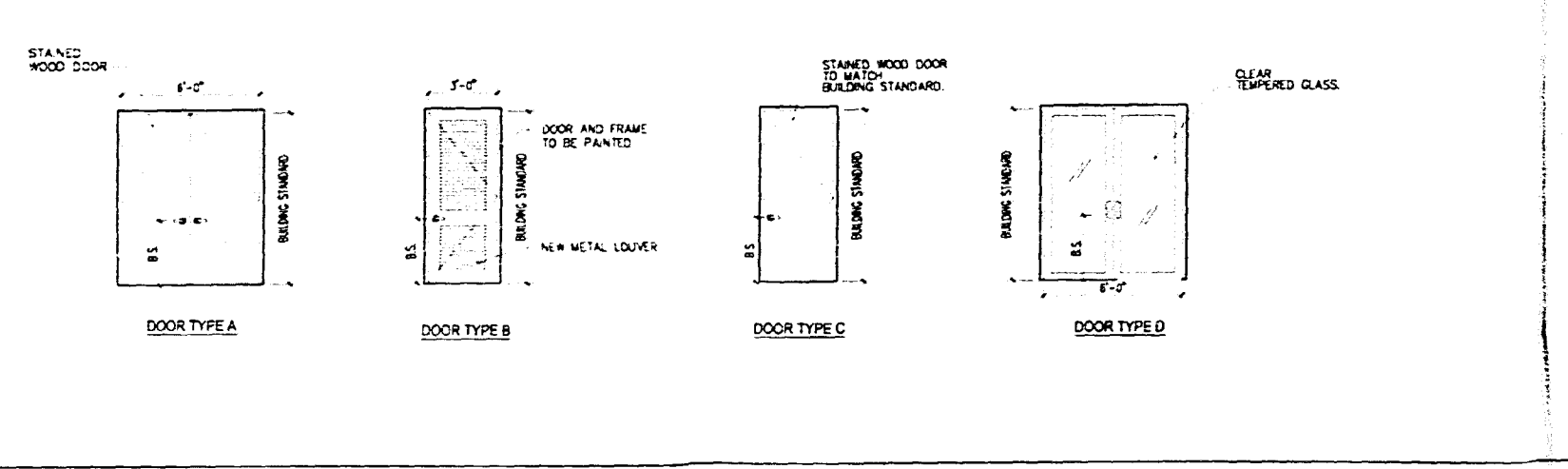
SYMBOLS: EQ TO BE DETERMINED TO MATCH EXISTING BUILDING STANDARD. METAL FRAMES FULL HT. DOORS & HARDWARE. OFFICE STANDARD HOLLOW METAL. STAIN PAINTED. NATURAL GLASS. CLEAR ALUMINUM.

GEN. NOTES: 1. ALL HARDWARE ACCESSORIES AND DEVICES TO MATCH BUILDING STANDARD IN THE PARTICULAR DOOR TYPE, INCLUSIVE BUT NOT LIMITED TO DOOR SLEWERS, DOOR STOPS, HINGES, CLOSURES, ETC. 2. C.C. TO COORDINATE ALL KEYING WITH TENANT AND BUILDING MANAGEMENT. 3. ALL EXISTING BUILDING STANDARD DOORS ARE 3'-0" W. X 8'-6" H. SET IN ALUM. ESP. CLASSIC RAO FRAME W/ LEVER HANDLES.



OFFICE COPY
CITY OF MIAMI BEACH
SEP 15 2004 APPROVED FOR PERMIT
BY THE FOLLOWING:
ARCHITECT
1375 N.W. 11th Street, Suite 200
Miami, FL 33136
PHONE: 305.375.4544
FAX: 305.375.4544

DOOR LOCATION	DOOR No	TYPE	SIZE			UNDERCUT	MATERIAL	FINISH	LABEL	CLASS TYPE	DESCRIPTION										FRAME	FINISH	LABEL	Panic Hardware	JAMB	HEAD	SILL	VENT	STONE	ALUMINUM	TRANSON	CLOSER	WEATHER-STOP	DOOR STOP	REMARKS															
			WIDTH	HEIGHT	THICKNESS (in.)						GLASS CORE	LOWEDED	FLUSH	BY-PASS	POCKET	FIXED	SLIDING	ACTING	DOOR	MATERIAL																FINISH	FINISH	FINISH	FINISH	FINISH	FINISH	FINISH	FINISH	FINISH	FINISH	FINISH	FINISH	FINISH	FINISH	FINISH
			WIDTH	HEIGHT	THICKNESS (in.)						GLASS CORE	LOWEDED	FLUSH	BY-PASS	POCKET	FIXED	SLIDING	ACTING	DOOR	MATERIAL																FINISH	FINISH	FINISH	FINISH	FINISH	FINISH	FINISH	FINISH	FINISH	FINISH	FINISH	FINISH	FINISH	FINISH	FINISH
ENTRANCE DOOR	401-A	A	BS	2'-3"-0"	BS	1-3/4"	WD	STN																									EXISTING DOOR & FRAME TO REMAIN																	
STORAGE	402-A	C	BS	3'-0"	BS	1-3/4"	WD	STN																									NEW DOOR & FRAME																	
PANTRY	403-A	C	BS	3'-0"	BS	1-3/4"	WD	STN																									NEW DOOR & FRAME																	
OFFICE 404-A	404-A	C	BS	3'-0"	BS	1-3/4"	WD	STN																									NEW DOOR & FRAME																	
CONFERENCE ROOM	405-A	C	BS	3'-0"	BS	1-3/4"	WD	STN																									NEW DOOR & FRAME																	
OFFICE 406-A	406-A	C	BS	3'-0"	BS	1-3/4"	WD	STN																									NEW DOOR & FRAME																	
OFFICE 408	407-A	C	BS	3'-0"	BS	1-3/4"	WD	STN																									NEW DOOR & FRAME																	
ENTRANCE DOOR	401-B	A	BS	2'-3"-0"	BS	1-3/4"	WD	STN																									NEW DOOR & FRAME TO MATCH EXISTING BUILDING STANDARD																	
CONFERENCE ROOM	402-B	C	BS	3'-0"	BS	1-3/4"	WD	STN																									NEW DOOR & FRAME																	
PANTRY/COPY/FILE	403-B	C	BS	3'-0"	BS	1-3/4"	WD	STN																									NEW DOOR & FRAME																	
OFFICE 403-B	404-B	C	BS	3'-0"	BS	1-3/4"	WD	STN																									NEW DOOR & FRAME																	
LAN ROOM 404-B	405-B	C	BS	3'-0"	BS	1-3/4"	WD	STN																									NEW DOOR & FRAME																	
OFFICE 405-B	406-B	C	BS	3'-0"	BS	1-3/4"	WD	STN																									NEW DOOR & FRAME																	
OFFICE 406-B	407-B	C	BS	3'-0"	BS	1-3/4"	WD	STN																									NEW DOOR & FRAME																	
OFFICE 406-B	408-B	D	BS	2'-3"-0"	BS	1-3/4"	HM/CL	PNT/CL																									EXISTING DOOR & FRAME TO REMAIN																	
OFFICE 407-B	409-B	C	BS	3'-0"	BS	1-3/4"	WD	STN																									NEW DOOR & FRAME																	
ENTRANCE DOOR	401-C	C	BS	3'-0"	BS	1-3/4"	WD	STN																									EXISTING DOOR & FRAME TO REMAIN																	
OFFICE 402-C	402-C	C	BS	3'-0"	BS	1-3/4"	WD	STN																									NEW DOOR & FRAME																	
PANTRY/COPY/FILE	403-C	C	BS	3'-0"	BS	1-3/4"	WD	STN																										NEW DOOR & FRAME																
OFFICE 405-C	404-C	C	BS	3'-0"	BS	1-3/4"	WD	STN																										NEW DOOR & FRAME																
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OFFICE 407-C	407-C	D	BS	2'-3"-0"	BS	1-3/4"	HM/CL	PNT/CL																										EXISTING DOOR & FRAME TO REMAIN																
ENTRANCE DOOR	401-D	A	BS	2'-3"-0"	BS	1-3/4"	WD	STN																									EXISTING DOOR & FRAME TO REMAIN																	
CONFERENCE ROOM	402-D	D	BS	2'-3"-0"	BS	1-3/4"	HM/CL	PNT/CL																										EXISTING DOOR & FRAME TO REMAIN																
CONFERENCE ROOM	403-D	C	BS	3'-0"	BS	1-3/4"	WD	STN																										NEW DOOR & FRAME																
OFFICE 406-D	404-D	C	BS	3'-0"	BS	1-3/4"	WD	STN																										NEW DOOR & FRAME																
OFFICE 405-D	405-D	C	BS	3'-0"	BS	1-3/4"	WD	STN																										NEW DOOR & FRAME																
LAN ROOM 404-D	406-D	C	BS	3'-0"	BS	1-3/4"	WD	STN																										NEW DOOR & FRAME																
PANTRY 403-D	407-D	C	BS	3'-0"	BS	1-3/4"	WD	STN																										NEW DOOR & FRAME																



id insight design

GENERAL NOTES

* ALL FINISHES, SURFACES & PRODUCTS WILL BE OF CONSISTENT QUALITY THROUGHOUT INTERIOR OF OFFICE SPACE AND PUBLIC CORRIDOR. THE FINISH PRODUCT WILL HAVE THE APPEARANCE OF A TOTALLY RENOVATED SPACE. WHERE ITEMS ARE REVISED AND/OR RELOCATED THEY WILL MATCH BOTH THE NEW AND EXISTING APPEARANCE AND FUNCTION. CONTRACTOR SHALL VERIFY ALL CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO SUBMITTING A BID.

REVISIONS

WORK FOR

Atlantic Center
119 West 44th Floor
Miami Beach, Florida 33150

OFFICE OF THE ARCHITECT
OFFICE OF THE ARCHITECT
ATTORNEY FOR PROJECT
THE FOLLOWING:

insight design ARCHITECTURE INTERIORS
1005 S.W. 17TH AVENUE, SUITE 200
MIAMI, FL 33135
ARCHITECT: P. 784.0033.30 P. 10063894

DATE: 08/15/05
SCALE: AS SHOWN
SET BY: ALEJANDRO BONET

A-3

ELECTRICAL GENERAL NOTES

- 1. THE GENERAL CONDITIONS OF THE CONTRACT CURRENT EDITION... SHALL BE OBSERVED AND REFERRED TO THROUGHOUT THE CONTRACT.
- 2. ALL ELECTRICAL WORK PERFORMED UNDER THIS CONTRACT SHALL COMPLY WITH LOCAL, STATE AND FEDERAL REQUIREMENTS AND ALL STANDARDS OF CONSTRUCTION ESTABLISHED BY THE LANDLORD AND NATIONAL ELECTRICAL CODE 1999 LSC.
- 3. CONCRETE PENETRATIONS ARE NOT ALLOWED FOR ANY REASON WITHOUT THE WRITTEN CONSENT OF THE BUILDING MANAGER.
- 4. ALL NEW AND EXISTING PENETRATIONS SHALL BE FIRE RATED AND SHALL CONFORM TO LANDLORD'S APPROVAL AS TO LOCATION AND CONSTRUCTION DETAILS.
- 5. CONTRACTOR SHALL VERIFY THE CEILING FINISHES AND SUSPENSION SYSTEMS FOR LOCATION AND SUPPORT ARRANGEMENTS FOR LIGHTING FIXTURES.
- 6. ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH THE ARCHITECT BEFORE ANY INSTALLATION OF LIGHTS, RECEPTACLES AND SWITCHES FOR EXACT LOCATION.
- 7. THERE SHALL BE NO BACK TO BACK TELEPHONE OR ELECTRICAL RECEPTACLES UNLESS RECEPTACLES OCCUR ON EACH SIDE OF THE WALL. THEY MUST BE INSTALLED NO LESS THAN 4" APART.
- 8. HORIZONTAL CONDUIT ROUTING SHALL BE PERMITTED ONLY FOR INTER CONNECTION OF MULTIPLE RECEPTACLES WITHIN THAT WALL. NO CONDUIT SHALL BE PERMITTED TO CONNECT A SINGLE RECEPTACLE ON A WALL TO A RECEPTACLE ON AN ADJACENT WALL.
- 9. EXISTING RISER DRAWING AND PANEL SCHEDULES ARE BASED ON ORIGINAL DESIGN AS-BUILT DRAWINGS AND ON VISIT TO THE SITE BY THE ENGINEER. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO B.D.
- 10. ALL ELECTRICAL EQUIPMENT MUST BEAR ALL LABELS AND BE COMMERCIAL GRADE.
- 11. COMMUNICATION CABLES TO BE RUN BY OTHERS.
- 12. ELECTRICALS SHALL NOT EXCEED MORE THAN SIX (6) OUTLETS PER CIRCUIT.
- 13. CONTRACTOR WILL BE HELD RESPONSIBLE FOR INTERRUPTION OF ELECTRICAL SERVICE TO THE EXISTING BUILDING.
- 14. CONTRACTOR SHALL NOT RUN PIPES, WIRING OR OTHER MATERIAL OUTSIDE THE TENANT AREA.
- 15. ALL NEW AND EXISTING ELECTRICAL CIRCUITS SHALL BE IDENTIFIED AND LABELED IN THE ELECTRICAL PANEL.
- 16. CONDUIT NUMBERS SHOWING FOR IDENTIFICATION PURPOSES ONLY AND MIGHT NOT CORRESPOND TO THE CIRCUIT DIRECTORY OF THE EXISTING PANELS. CONTRACTOR SHALL NOTIFY CONSULTANT OF ANY DISCREPANCIES PRIOR TO COMMENCING WORK. UNDER THE PROJECT'S CIRCUMSTANCES CONTRACTOR SHALL LABEL CIRCUITS PER AS-BUILT AND PROVIDE NEW TYPE CIRCUIT DIRECTORY.
- 17. THE CONTRACTOR SHALL VERIFY ALL EQUIPMENT AND MOTOR LOADS BEFORE INSTALLING WIRING.
- 18. FOR MECHANICAL, P.S. PARTS SEE MECHANICAL DRAWINGS AND PROVIDE FUSES AS PER EQUIPMENT MANUFACTURER RECOMMENDATIONS.
- 19. PROVIDE EQUIPMENT GROUND CONDUCTOR IN ALL RACEWAYS.
- 20. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL MINOR ITEMS WHICH ARE OBVIOUSLY AND REASONABLY NECESSARY TO COMPLETE THE INSTALLATION.
- 21. THE CONTRACTOR SHALL HAVE PERMITS PROCURED CERTIFICATES AND PAY ALL FEES CONNECTED THEREWITH.
- 22. THE CONTRACTOR IS REFERRED TO THE ARCHITECTURAL, STRUCTURAL AND MECHANICAL PLANS AND SPECIFICATIONS. SUCH PLANS AND SPECIFICATIONS ARE TO BE CONSIDERED PART OF THE ELECTRICAL CONTRACT DOCUMENTS.
- 23. DRAWINGS ARE DIAGRAMMATIC AND INTENDED TO SHOW APPROXIMATE LOCATIONS AND ARRANGEMENTS ONLY.
- 24. ALL MATERIALS SHALL BE NEW UNLESS SPECIFIED OTHERWISE FOR OR APPROVED EQUAL.
- 25. CONTRACTOR SHALL SUBMIT REQUEST FOR SUBSTITUTION IN WRITING TO THE ENGINEER.
- 26. THE CONTRACTOR SHALL TOUCH UP OR REFRESH THE FACTORY FINISH OF EQUIPMENT MARKED DURING SHIPMENT OR INSTALLATION.
- 27. THE CONTRACTOR SHALL BE A LICENSED MASTER ELECTRICIAN.
- 28. THE ENTIRE INSTALLATION SHALL BE PERFORMED IN A FIRST CLASS WORKMANLIKE MANNER.
- 29. THE ELECTRICAL CONTRACTOR SHALL PROVIDE TEMPORARY POWER AND LIGHTING AS REQUIRED ON ALL TRADES.
- 30. ELECTRICAL WORK SHALL NOT INTERFERE WITH CLEARANCES REQUIRED FOR GENERAL AND MECHANICAL CONSTRUCTION. SHOULD ELECTRICAL WORK BE INSTALLED WHICH INTERFERES WITH THE WORK OF OTHER CONTRACTORS, SUCH WORK SHALL BE CHANGED AT ELECTRICAL CONTRACTOR'S EXPENSE.
- 31. GROUNDING SHALL COMPLY WITH THE NEC AND REQUIREMENTS OF THE POWER COMPANY AND RESPECT TO AUTHORITY.
- 32. AT THE COMPLETION OF THE WORK, THE CONTRACTOR SHALL REMOVE ALL RUBBISH CAUSED BY HIS WORK AND SHALL THOROUGHLY CLEAN ALL ELECTRICAL EQUIPMENT.
- 33. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL NECESSARY CONTROL WIRING FOR ALL EQUIPMENT.
 - A. ALL A-BUS NOT IN CONDUIT INCLUDED BUT NOT LIMITED TO LOW VOLTAGE FIRE ALARM AND CONTROLS SHALL BE PLUMB RATED AS PER NFPA 70A 25.1.2.

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	MOUNTING	MANUFACTURER	CATALOG NUMBER	QUANTITY	REMARKS

NOTES:
1. REFER TO ARCHITECTURAL DRAWINGS FOR FIXTURE TYPES AND SPECIFICATIONS.

ELECTRICAL LEGEND

- 1** 2" F. FLOUORESCENT F. FIXTURE
- 2** 2" F. FLOUORESCENT F. FIXTURE WITH RECESSED DOWN LIGHT
- 3** 2" F. FLOUORESCENT F. FIXTURE EMERGENCY LIGHT
- 4** RECESSED DOWN LIGHT
- 5** RECESSED WALL WASH DOWNLIGHT
- 6** WALL SCOPE LIGHT FIXTURE
- 7** LIGHT FIXTURE WITH DIRECTIONAL ARROWS AS REQUIRED
- 8** LIGHT FIXTURE TYPE DESIGNATION SEE LIGHT FIXTURE SCHEDULE
- 9** SINGLE POLE SWITCH MTD. 4" X 1" AFF
- 10** TWO POLE SWITCH MTD. 4" X 1" AFF
- 11** THREE WAY SWITCH MTD. 4" X 1" AFF
- 12** LIGHT DIMMER SWITCH MTD. 4" X 1" AFF
- 13** 1/4" BLANK PUSHBUTTON MTD. 4" X 1" AFF
- 14** KEYS NOTED DESIGNATION
- 15** IDENTITIES EXISTING
- 16** IDENTITIES RELOCATED
- 17** EMERGENCY LIGHTING RELAY MOUNTED ABOVE CEILING
- 18** SPECIAL PURPOSE OUTLET AMPERAGE, VOLTAGE AND HEMA CONTEMPORATION AS REQUIRED BY EQUIPMENT MANUFACTURER
- 19** TELEVISION CABLE OUTLET PROVIDE # 1/2" BOX WITH BLANK COVER PLATE. STUB 3" CONDUIT ABOVE CEILING PROVIDE PLASTIC BUSHING
- 20** CARD READER OUTLET PROVIDE # 1/2" BOX WITH BLANK COVER PLATE. STUB 3" CONDUIT ABOVE CEILING
- 21** KEY PAD OUTLET PROVIDE # 1/2" BOX WITH BLANK COVER PLATE. STUB 3" CONDUIT ABOVE CEILING
- 22** SENSOR OUTLET PROVIDE # 1/2" BOX AND 3/4" CONDUIT TO SECURITY PANEL
- 23** VALVE CONTACT PROVIDE # 1/2" BOX AND 3/4" CONDUIT TO SECURITY PANEL
- 24** MOUNTED 1" AFF OR AS SPECIFIED

25 2" x 4" SINGLE RECEPT. NEMA 5-20R 1" AFF

26 2" x 4" DUPLEX RECEPTACLE NEMA 5-20R MOUNTED 1" AFF

27 2" x 4" DUPLEX RECEPTACLE NEMA 5-20R MOUNTED ABOVE CEILING ON 4" AFF IF NO CONDUIT

28 2" x 4" DUPLEX RECEPT. NEMA 5-20R MOUNTED ABOVE CEILING ON 4" AFF IF NO CONDUIT

29 2" x 4" DUPLEX RECEPT. NEMA 5-20R MOUNTED ABOVE CEILING ON 4" AFF IF NO CONDUIT

30 2" x 4" DUPLEX RECEPT. NEMA 5-20R MOUNTED ABOVE CEILING ON 4" AFF IF NO CONDUIT

31 JUNCTION BOX 6" NOMINAL TRADE SIZE (NPS)

32 POWER JUNCTION BOX WITH 1/2" FLEXIBLE CONDUIT FOR SYSTEMS FURNITURE (50' FOOT MAXIMUM LENGTH)

33 TELECOM JUNCTION BOX WITH 1/2" FLEXIBLE CONDUIT FOR SYSTEMS FURNITURE (50' FOOT MAXIMUM LENGTH)

34 DOWNLIGHT SWITCH HOLES & HOLES AS PER N.E.C. & IDENTITIES NOT RUBBER 6" X 1" TO TOP

35 "HERMISTAT"

36 PANEL BOARD SEE PANEL SCHEDULE FOR DETAILS

37 TELECOM OUTLET PROVIDE # SQUARE BOX WITH BLANK COVER PLATE. STUB 3" CONDUIT ABOVE CEILING

38 TELEPHONE OUTLET PROVIDE # SQUARE BOX WITH BLANK COVER PLATE. STUB 3" CONDUIT ABOVE CEILING

39 FIRE ALARM SILENCER AND SILENCE VISUAL UNIT WALL MTD 8" X 1" AFF 1" BELOW CEILING BRACKET WITH CEILING

40 FIRE ALARM SILENCER AND SILENCE VISUAL UNIT MTD 8" X 1" AFF 1" BELOW CEILING BRACKET WITH CEILING

41 FIRE ALARM HEAT DETECTOR, CLG MTD

42 FIRE ALARM SMOKE DETECTOR, CLG MTD

43 FIRE ALARM TERMINAL CABINET

44 MOTOR SENSOR OUTLET PROVIDE # 1/2" BOX COORDINATE FINAL LOCATION WITH ARCHITECT

45 CAMERA OUTLET PROVIDE # 1/2" BOX COORDINATE FINAL LOCATION WITH ARCHITECT

46 DOOR CONTACT OUTLET PROVIDE # 1/2" BOX AND 3/4" CONDUIT TO SECURITY PANEL COORDINATE WITH ARCHITECT

47 FIRE ALARM RELAY MODULE PROVIDE # SQUARE BOX AND WIRING AS REQUIRED

FIRE ALARM SYSTEM NOTES

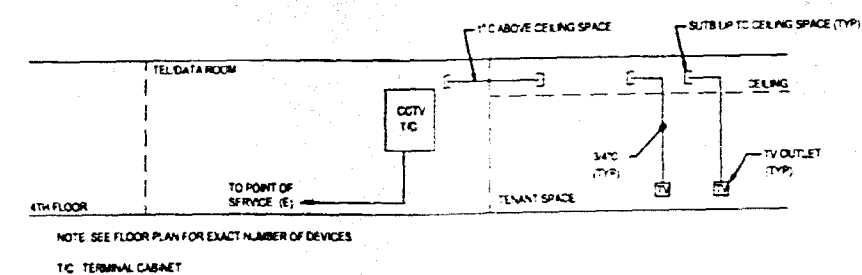
- 1. THE CONTRACTOR SHALL PROVIDE, INSTALL AND CONNECT NEW FIRE ALARM DEVICES AS SHOWN ON PLANS. NEW DEVICES SHALL BE COMPATIBLE WITH THE EXISTING FIRE ALARM SYSTEM INSTALLED IN THE BUILDING AND BE CONNECTED TO THE EXISTING SYSTEM PRIOR TO BOODING THE ELECTRICAL CONTRACTOR SHALL JUSTIFY THE SYSTEM AND BECOME FAMILIAR WITH THE SYSTEM. NEW DEVICES SHALL BE COMPATIBLE, TESTED AND APPROVED TO COMPLY WITH THE EXISTING APPROVED F.A. SYSTEM INSTALLATION AND THE FIRE DEPARTMENT REQUIREMENTS.
- 2. PROVIDE INITIAL AND CONNECT ALL SMOKE DETECTORS AS SHOWN ON PLANS. SMOKE DETECTORS SHALL BE COMPATIBLE, LISTED AND LABELED AS COMPLIANCE WITH N.F.P.A. (IA, ICA, IMA, ICA, ICA, ICA).
- 3. MINIMUM CONDUCTOR SIZE SHALL BE 14 AWG FOR SIGNAL AND POWER CIRCUITS. IF INSTALLED FOR ADDRESSABLE CIRCUITS.
- 4. ALL WIRING SHALL BE IN PLUMB RATED RACEWAYS. MINIMUM CONDUIT FILL 40% OF CODE AREA. MINIMUM RACEWAY SIZE SHALL BE 3/4" WIRING TO COMPLY WITH E.C. 780.8.
- 5. FIRE ASSEMBLY PENETRATIONS SHALL COMPLY WITH I.B.C. CHAPTER 7.
- 6. CABLE FROM ROOM INTO OR THROUGH PLUMB AREAS USED FOR TRANSFER OF ENVIRONMENTAL AIR SHALL BE TYPICAL INSULATED TYPE ON AN APPROVED TYPE IN ACCORDANCE WITH SECTION 900.5.3 OF THE NATIONAL ELECTRICAL CODE.
- 7. THE FIRE ALARM CONTRACTOR AND EQUIPMENT SUPPLIER SHALL BE A FACTORY AUTHORIZED DISTRIBUTOR FOR THE EXISTING EQUIPMENT.
- 8. THE CONTRACTOR AND THE FIRE ALARM FACTORY REPRESENTATIVE SHALL HOLD AND SIGN A COPY OF A CURRENT CERTIFICATE OF COMPETENCY FROM THE STATE OF FLORIDA INDICATING THAT THE HOLDER IS QUALIFIED TO ENGAGE IN THE BUSINESS OF CONTRACTING FOR FIRE ALARM PROTECTION SYSTEMS.
- 9. THE FIRE ALARM CONTRACTOR SHALL EVALUATE EXISTING WIRING POWER SUPPLIES AND SUBMIT CALCULATIONS TO SUBSTANTIATE THAT EXISTING CIRCUITS POWER SUPPLIES ARE ADEQUATE TO ACCOMMODATE THE ADDITIONAL DEVICES SHOWN ON THE DRAWINGS. IF EQUIPPED CONTRACTOR SHALL PROVIDE ADDITIONAL POWER SUPPLIES INCLUDING 120V 20A DEDICATED POWER CIRCUITS AND SHALL SUBMIT NEW BATTERY CALCULATIONS WITH SHOP DRAWINGS.
- 10. THE ELECTRICAL CONTRACTOR'S FIRE ALARM SYSTEM SHALL BE RESPONSIBLE FOR THE COORDINATION WITH THE FIRE MARSHAL AND MAKE SURE THAT THE WORK IS IN ACCORDANCE WITH HIS INTERPRETATION OF THE CODE. NO EXTRA FEE WILL BE ALLOWED TO BE ADDED AT THE END OF THE FIRE INSPECTOR.

INTERRUPTION OF SERVICE NOTES

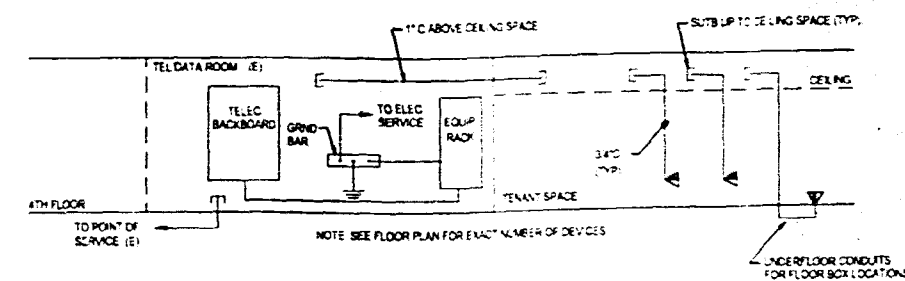
ANY WORK REQUIRED BY THESE DOCUMENTS THAT WILL HAVE AN EFFECT ON EXISTING TENANTS IN THE BUILDING SHALL BE COORDINATED WITH THE BUILDING MANAGEMENT. THE WORK INCLUDES BUT IS NOT LIMITED TO INTERRUPTION OF POWER, TELEPHONE, COMMUNICATION SYSTEM, AIR CONDITIONING WATER ETC.

WORK IN THIS CATEGORY MAY HAVE TO BE PERFORMED OUTSIDE REGULAR WORK HOURS.

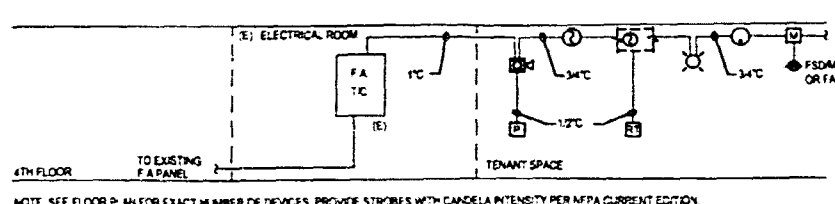
SCHEDULE TIMES AND DATES WITH THE GENERAL CONTRACTOR AND BUILDING MANAGEMENT.



TENANT CATV RISER DIAGRAM



TENANT TEL/DATA RISER DIAGRAM



TENANT FIRE ALARM RISER DIAGRAM



REVISIONS:
ELECTRICAL LEGEND, SCHEDULES, AND NOTES

WORK IN THE
Atlantic Center
119 Washington Avenue, 4th Floor
Miami Beach, Florida

insight design
ARCHITECTURE & INTERIORS
1945 N.W. 17th Avenue, Suite 101
Miami, Florida 33135
AR92162 © A0000130 0 ID0001964

WILLIAM ABAJCA
ELECTRICAL ENGINEER
7558 PARADISE ST.
PALM BEACH, FL. 33424
TEL: (561) 858-6555
[Signature]
DATE: 06/05
P.L. REG. NO. 52238

PROJECT NO. 0217-07
DRAWING NO. WA
DATE: 06/15/05
SCALE: AS NOTED
SHEET NO.
E0.1

MANUFACTURER: SQUARE-D D1000				PANEL - A				MAKS 36.0 AC 22K					
MOUNTING: SURFACE				BUS RATING: 200 AMP				VOLTAGE: 120/208 3-PH 4W					
LOCATION: SEE FLOOR PLAN													
QTY	POLE/ TRIP	KVA	DESCRIPTION	WIRING & CONDUIT	QTY	POLE/ TRIP	KVA	DESCRIPTION	WIRING & CONDUIT				
1	1/20	1.50	LIGHTING	3/12-3/4"	2	1/20	0.72	RECEPTACLES	3/12-3/4"				
3	1/20	0.60	LIGHTING	3/12-3/4"	4	1/20	0.72	RECEPTACLES	3/12-3/4"				
5	1/20	0.72	RECEPTACLES	3/12-3/4"	6	1/20	0.72	RECEPTACLES	3/12-3/4"				
7	1/20	0.72	RECEPTACLES	3/12-3/4"	8	1/20	0.72	RECEPTACLES	3/12-3/4"				
9	1/20	0.00	SPARE	-	10	1/20	0.72	RECEPTACLES	3/12-3/4"				
11	1/20	0.00	SPARE	-	12	1/20	0.00	SPARE	-				
13	-	-	-	-	14	1/20	0.00	SPARE	-				
15	3/50	11.0	AC-1	3 #6 & #10	16	1/20	0.00	SPARE	-				
17	1/20	0.00	SPARE	6 # 3/4"	18	1/20	0.00	SPARE	-				
19	1/20	0.00	SPARE	-	20	1/20	0.00	SPARE	-				
21	1/20	0.00	SPARE	-	22	1/20	0.00	SPARE	-				
23	1/20	0.00	SPARE	-	24	1/20	0.00	SPARE	-				
TOTAL				14.5	TOTAL				4.0				
TOTAL CONNECTED LOAD				18.5 KVA = 51.5 AMPS									

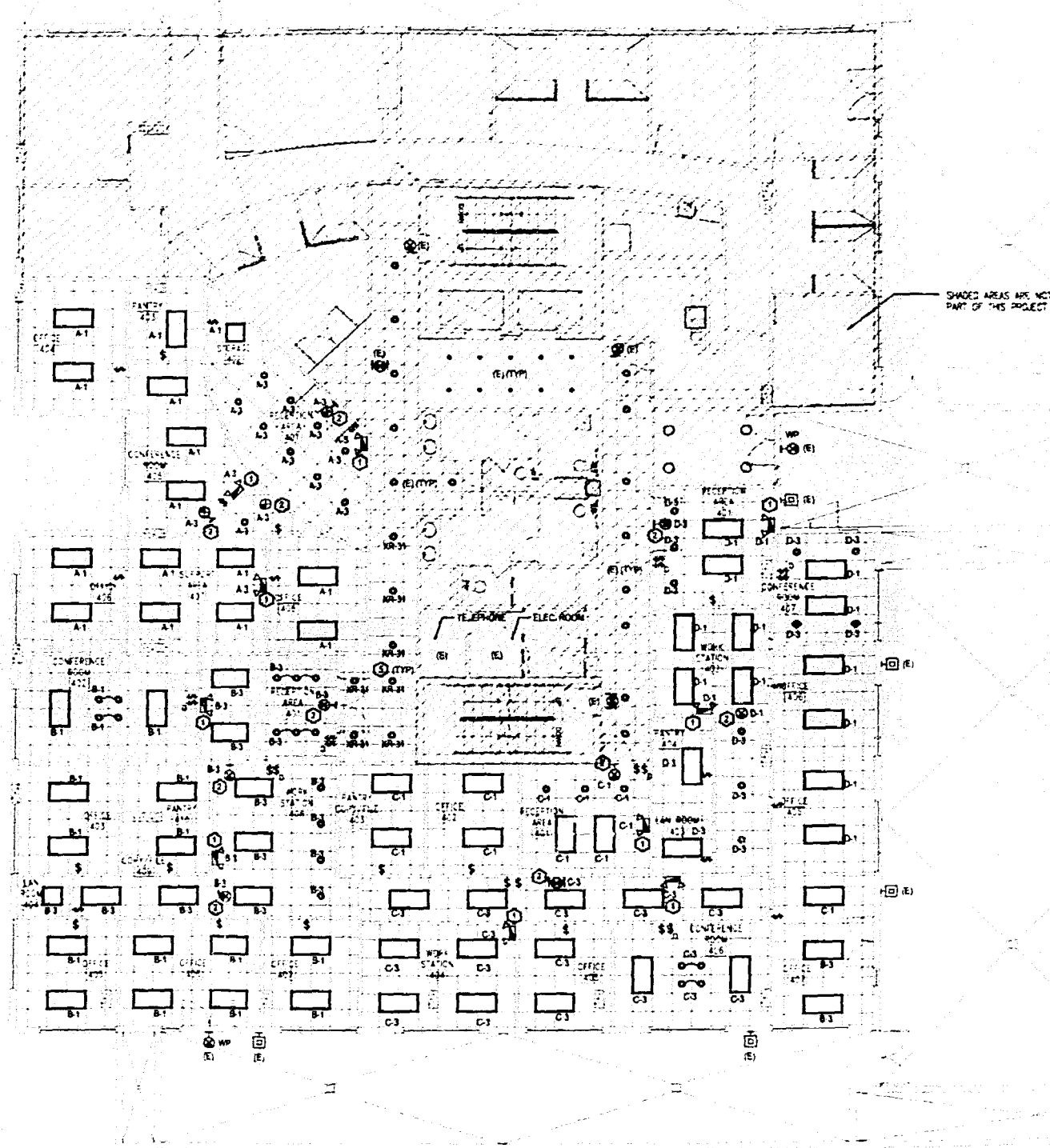
MANUFACTURER: SQUARE-D D1000				PANEL - B				MAKS 36.0 AC 22K					
MOUNTING: SURFACE				BUS RATING: 200 AMP				VOLTAGE: 120/208 3-PH 4W					
LOCATION: SEE FLOOR PLAN													
QTY	POLE/ TRIP	KVA	DESCRIPTION	WIRING & CONDUIT	QTY	POLE/ TRIP	KVA	DESCRIPTION	WIRING & CONDUIT				
1	1/20	1.50	LIGHTING	3/12-3/4"	2	1/20	0.72	RECEPTACLES	3/12-3/4"				
3	1/20	1.20	LIGHTING	3/12-3/4"	4	1/20	0.72	RECEPTACLES	3/12-3/4"				
5	1/20	0.72	RECEPTACLES	3/12-3/4"	6	1/20	0.72	RECEPTACLES	3/12-3/4"				
7	1/20	0.72	RECEPTACLES	3/12-3/4"	8	1/20	0.72	RECEPTACLES	3/12-3/4"				
9	1/20	0.72	RECEPTACLES	3/12-3/4"	10	1/20	0.72	RECEPTACLES	3/12-3/4"				
11	1/20	0.00	SPARE	-	12	1/20	0.72	RECEPTACLES	3/12-3/4"				
13	-	-	-	-	14	1/20	0.00	SPARE	-				
15	3/45	12.5	AC-2	3 #6 & #10	16	1/20	0.00	SPARE	-				
17	1/20	0.00	SPARE	6 # 1"	18	1/20	0.00	SPARE	-				
19	1/20	0.00	SPARE	-	20	1/20	0.00	SPARE	-				
21	1/20	0.00	SPARE	-	22	1/20	0.00	SPARE	-				
23	1/20	0.00	SPARE	-	24	1/20	0.00	SPARE	-				
TOTAL				17.1	TOTAL				4.0				
TOTAL CONNECTED LOAD				22.0 KVA = 61.0 AMPS									

NOTES:

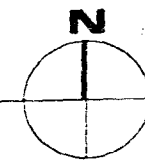
- REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION OF LIGHT FEATURES
- PROVIDE BATTERY BACK UP FOR EXIT LIGHTS AND EMERGENCY LIGHT UNITS COORDINATE WITH ARCHITECT
- PROVIDE DIMMING BALLASTS FOR DOWNLIGHT FEATURES IN CONFERENCE ROOMS AND RECEPTION AREAS COORDINATE WITH ARCHITECTURAL DRAWINGS
- CONTRACTOR SHALL REMOVE EXISTING SPOTS, SPACE SPOT LIGHTS, DISCONNECT AND REMOVE WIRING AND CONDUIT BACK TO SOURCE RETURN LIGHTS TO OWNER

KEYED NOTES:

- CONTRACTOR SHALL PROVIDE NEW EMERGENCY LIGHT UNIT AND CONNECT HEAD OF LOCAL SWITCH COORDINATE EXACT LOCATION WITH ARCHITECTURAL DRAWINGS
- CONTRACTOR SHALL PROVIDE NEW EXIT SIGN AND CONNECT HEAD OF LOCAL SWITCH COORDINATE EXACT LOCATION WITH ARCHITECTURAL DRAWINGS
- CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING DEVICE AND REUSE EXISTING CIRCUIT FOR NEW RECEPTACLE AS SHOWN
- EXISTING CEILING MOUNTED RECEPTACLES SHALL REMAIN CONTRACTOR SHALL MAINTAIN THESE DEVICES IN OPERATION AT ALL TIMES
- CONTRACTOR SHALL PROVIDE NEW DOWNLIGHTS TO MATCH EXISTING BUILDING STANDARD EXISTING EXTERIOR CORRIDOR LIGHTING CIRCUIT SHOWN AS REQ. REC



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



OFFICE COPY
CITY OF MIAMI BEACH
APPROVED FOR PERMITTING

W. J. Garcia
W. J. Garcia
W. J. Garcia
insight design
ARCHITECTURE & INTERIORS
1955 N.W. 17th Avenue, Suite 405
Miami, Florida 33136
Tel: 305-442-4054
Fax: 305-442-4054

WILLIAM ABARCA
ELECTRICAL ENGINEER
2389 KATYDUT ST.
HOLLYWOOD, FL 33024
TEL: (954) 588-6503
DATE: 6-20-05
P.L.A. REG. NO. 18728



REVISIONS

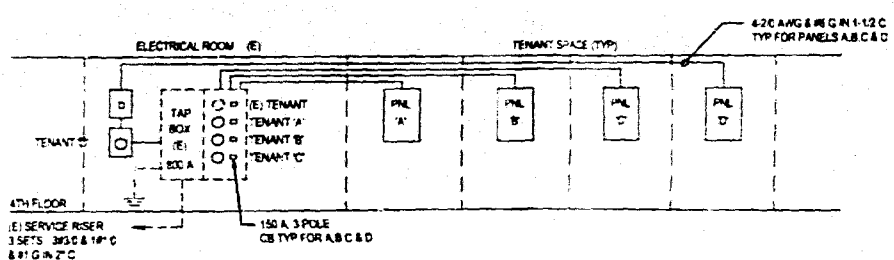
LIGHTING FLOOR PLAN

WORK FOR
Atlantic Center
119 West Avenue
Miami Beach, Florida

PROJECT # 0217-07
DATE: 06/16/05
SCALE: AS NOTED
SHEET # E0.2

MANUFACTURER SOURCE-D. MOOR			PANEL - C			MANS. BLD.			AC 220								
MOUNTING SURFACE			BUS RATING 250 AMP			BUS RATING 250 AMP			VOLTAGE 120/208 3-PH 4W								
LOCATION SEE FLOOR PLAN																	
QTY	POLE / TRIP	KVA	DESCRIPTION	WIRING & CONDUIT	QTY	POLE / TRIP	KVA	DESCRIPTION	WIRING & CONDUIT	QTY	POLE / TRIP	KVA	DESCRIPTION	WIRING & CONDUIT			
1	1/20	1.50	LIGHTING	3/12-3/4"	2	1/20	0.72	RECEPTACLES	3/12-3/4"	3	1/20	0.72	RECEPTACLES	3/12-3/4"			
3	1/20	1.50	LIGHTING	3/12-3/4"	4	1/20	0.72	RECEPTACLES	3/12-3/4"	4	1/20	0.72	RECEPTACLES	3/12-3/4"			
5	1/20	0.72	RECEPTACLES	3/12-3/4"	6	1/20	0.72	RECEPTACLES	3/12-3/4"	6	1/20	0.72	RECEPTACLES	3/12-3/4"			
7	1/20	0.72	RECEPTACLES	3/12-3/4"	8	1/20	0.72	RECEPTACLES	3/12-3/4"	8	1/20	0.72	RECEPTACLES	3/12-3/4"			
9	1/20	0.72	RECEPTACLES	3/12-3/4"	10	1/20	0.72	RECEPTACLES	3/12-3/4"	10	1/20	0.72	RECEPTACLES	3/12-3/4"			
11	1/20	0.00	SPARE		12	1/20	0.72	RECEPTACLES	3/12-3/4"	12	1/20	0.72	RECEPTACLES	3/12-3/4"			
13					14	1/20	0.00	SPARE		14	1/20	0.00	SPARE				
15	3/35	0.70	AC-3	3 #10 & #10	18	1/20	0.00	SPARE		18	1/20	0.00	SPARE				
17				6 #12 3/4"	18	1/20	0.00	SPARE		18	1/20	0.00	SPARE				
19	1/20	0.00	SPARE		20	1/20	0.00	SPARE		20	1/20	0.00	SPARE				
21	1/20	0.00	SPARE		22	1/20	0.00	SPARE		22	1/20	0.00	SPARE				
23	1/20	0.00	SPARE		24	1/20	0.00	SPARE		24	1/20	0.00	SPARE				
TOTAL			15.0		TOTAL			5.5		TOTAL			5.5				
TOTAL CONNECTED LOAD			18.5 KW = 54.0 AMPS														

MANUFACTURER SOURCE-D. MOOR			PANEL - D			MANS. BLD.			AC 220								
MOUNTING SURFACE			BUS RATING 250 AMP			BUS RATING 250 AMP			VOLTAGE 120/208 3-PH 4W								
LOCATION SEE FLOOR PLAN																	
QTY	POLE / TRIP	KVA	DESCRIPTION	WIRING & CONDUIT	QTY	POLE / TRIP	KVA	DESCRIPTION	WIRING & CONDUIT	QTY	POLE / TRIP	KVA	DESCRIPTION	WIRING & CONDUIT			
1	1/20	1.50	LIGHTING	3/12-3/4"	2	1/20	0.72	RECEPTACLES	3/12-3/4"	3	1/20	0.72	RECEPTACLES	3/12-3/4"			
3	1/20	1.50	LIGHTING	3/12-3/4"	4	1/20	0.72	RECEPTACLES	3/12-3/4"	4	1/20	0.72	RECEPTACLES	3/12-3/4"			
5	1/20	0.72	RECEPTACLES	3/12-3/4"	6	1/20	0.72	RECEPTACLES	3/12-3/4"	6	1/20	0.72	RECEPTACLES	3/12-3/4"			
7	1/20	0.72	RECEPTACLES	3/12-3/4"	8	1/20	0.72	RECEPTACLES	3/12-3/4"	8	1/20	0.72	RECEPTACLES	3/12-3/4"			
9	1/20	0.00	SPARE		10	1/20	0.72	RECEPTACLES	3/12-3/4"	10	1/20	0.72	RECEPTACLES	3/12-3/4"			
11	1/20	0.00	SPARE		12	1/20	0.00	SPARE		12	1/20	0.00	SPARE				
13					14	1/20	0.00	SPARE		14	1/20	0.00	SPARE				
15	3/30	0.30	AC-4	3 #10 & #10	16	1/20	0.00	SPARE		16	1/20	0.00	SPARE				
17				6 #12 3/4"	18	1/20	0.00	SPARE		18	1/20	0.00	SPARE				
19	1/20	0.00	SPARE		20	1/20	0.00	SPARE		20	1/20	0.00	SPARE				
21	1/20	0.00	SPARE		22	1/20	0.00	SPARE		22	1/20	0.00	SPARE				
23	1/20	0.00	SPARE		24	1/20	0.00	SPARE		24	1/20	0.00	SPARE				
TOTAL			13.0		TOTAL			4.0		TOTAL			4.0				
TOTAL CONNECTED LOAD			17.0 KW = 47.2 AMPS														



ELECTRICAL RISER DIAGRAM

LOAD CALCULATION

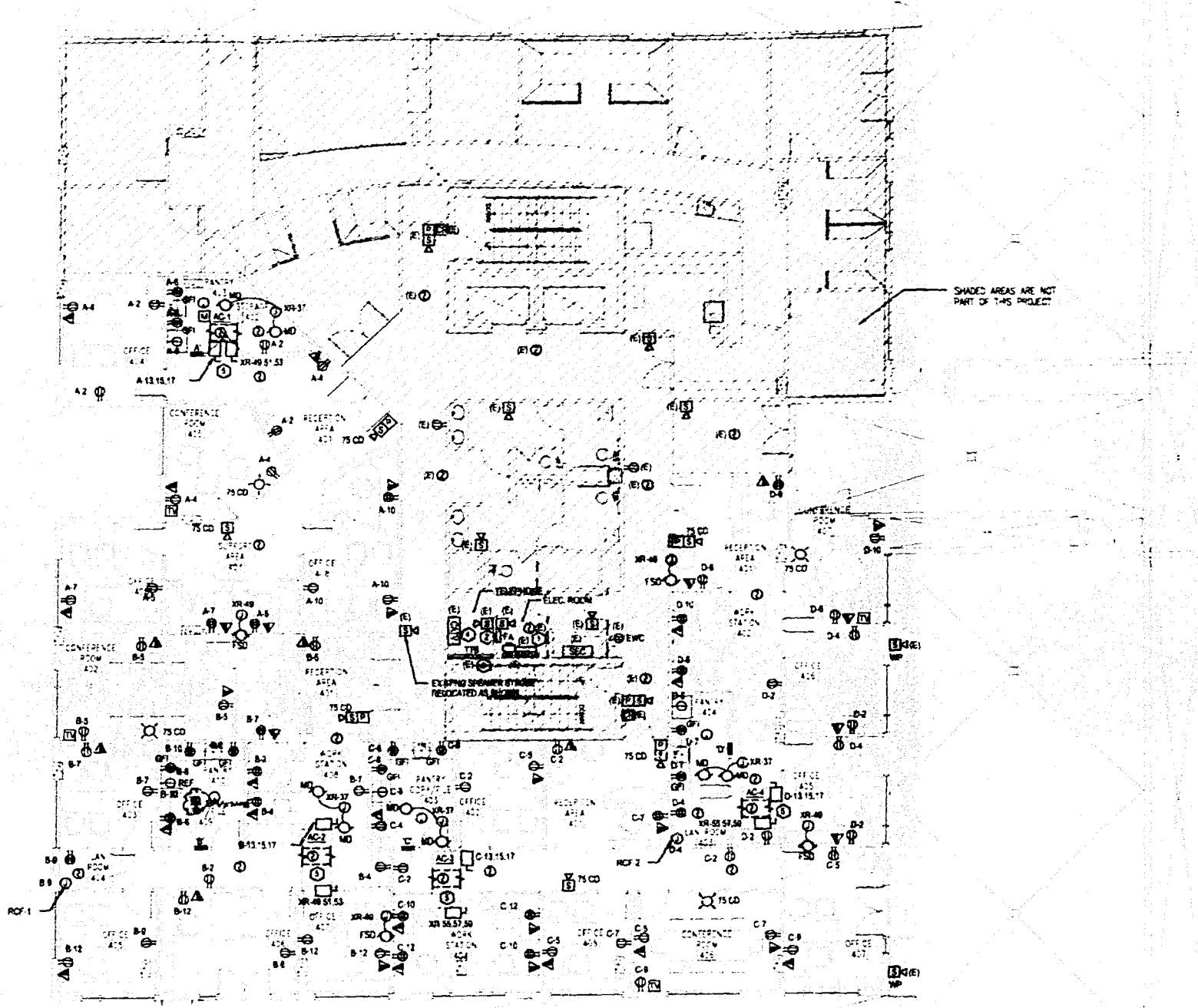
4TH FLOOR TENANTS	
EXISTING ESTIMATED LOAD	136.0 KVA
ADDED LOAD NEW TENANTS	177.0 KVA
TOTAL NEW LOAD	313.0 KVA = 94 AMPS

NOTES:

- REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION OF FURNITURE
- EXISTING FIRE ALARM DEVICES SHALL NOT BE DISTURBED. CONTRACTOR SHALL TEST AND CONFIRM OPERATION OF EXISTING DEVICES ACCORDINGLY
- CONTRACTOR SHALL PROVIDE NEW TELEPHONE SERVICE AND CONDUIT TO NEW TELEPHONE LOCATIONS ACCORDING TO THE DATA RISER DIAGRAM
- CONTRACTOR SHALL REMOVE EXISTING SMOKE DETECTORS IN THESE SPACES. RE-USE EXISTING SMOKE DETECTOR CIRCUIT FOR NEW DEVICES. SEE FLOOR NOTES

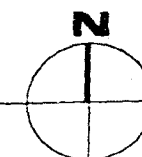
KEYED NOTES:

- CONTRACTOR SHALL PROVIDE NEW MAIN CIRCUIT BREAKER FOR EACH TENANT PANEL IN EXISTING SQUARE D METER CENTER. SEE ELECTRICAL RISER DIAGRAM THIS SHEET
- CONTRACTOR SHALL PROVIDE NEW FIRE ALARM WIRING FOR NEW TENANT SPACES AND CONNECT TO EXISTING FIRE ALARM TERMINAL CABINETS AS REQUIRED. SEE FIRE ALARM NOTES ON SHEET 01
- CONTRACTOR SHALL PROVIDE NEW TELEPHONE SERVICE FOR EACH TENANT SPACE AND CONNECT TO EXISTING TELEPHONE SYSTEM AS REQUIRED. SEE TELEPHONE RISER DIAGRAM ON SHEET 01
- CONTRACTOR SHALL PROVIDE NEW DATA SERVICE FOR NEW TENANT SPACES AND CONNECT TO EXISTING DATA TERMINAL CABINET AS REQUIRED. SEE DATA RISER DIAGRAM ON SHEET 01
- CONTRACTOR SHALL PROVIDE CONDUIT AND WIRING TO RESPECTIVE PANEL FOR HVAC CONTROL, DAMPERS, ETC. COORDINATE WITH MECHANICAL. FOR SUCH DEVICES AND SEQUENCE OF OPERATION. EXISTING PANEL IS LOCATED IN THE ELECTRICAL ROOM ON THE SIXTH FLOOR. PROVIDE CONDUIT AND WIRING TO THIS PANEL AND USE CIRCUIT NUMBER USE EXISTING CIRCUIT NUMBER FOR ALL DAMPER ACTUATORS CIRCUIT OR 481155 TO FEED FAN PART ONLY TO NEW AC UNITS DURING FIRE ALARM OPERATION. PROVIDE NEW 20 AMP 3 POLE CIRCUIT BREAKER IN EXISTING PANEL, IF AS REQUIRED



POWER FLOOR PLAN

SCALE 1/8" = 1'-0"



WILLIAM AGARCA
 ELECTRICAL ENGINEER
 7339 PARADISE ST
 MIAMI, FL 33124
 TEL: (305) 598-6525
 DATE 6-20-05
 P.L.A. REG. NO. 15243

PROJECT NO. 0217-07
 DRAWN BY WA
 DATE 06/16/05
 SCALE AS NOTED
 SHEET NO.
 E0.3

insight design

REVISIONS

POWER FLOOR PLAN

DATE

WORK FOR
 Atlantic Center
 119 Washington Avenue, 4th Floor
 Miami Beach, Florida

insight design
 ARCHITECTURE & INTERIORS
 1955 N.W. 17th AVENUE
 Miami, Florida 33156
 ARB2182 • 440003130 • 000003864

HVAC GENERAL NOTES

- THE WORK THAT IS TO BE DONE UNDER THIS HEAD INCLUDES THE FURNISHING OF ALL LABOR, MATERIALS AND EQUIPMENT, PERMITS, FEES, INSURANCE, TEST, INSURANCE, ETC. ALL NECESSARY FOR THE COMPLETION OF THE AIR CONDITIONING HEATING AND VENTILATION SYSTEMS SHOWN ON DRAWINGS OR LISTED BELOW.
- THE DRAWINGS ARE GENERAL DIAGRAMMATIC. THEY DO NOT SHOW EVERY DETAIL OF THE WORK OR OTHER ITEMS WHICH MAY BE REQUIRED BY THE ARCHITECT/ENGINEER. ITEMS NOT SHOWN ON THE DRAWINGS OR IN THE NOTES, WORK CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE NOTES AND THE NOTES SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTOR PRIOR TO THE START OF WORK. ANY CHANGES TO THE WORK SHALL NOT BE MADE UNLESS CHANGED AFTER BIDDING IS AWARDED.
- CONTRACTOR SHALL COORDINATE ALL BUILDING STANDARD REQUIREMENTS PRIOR TO BIDDING.
- THE NATURE OF THIS CONTRACT INVOLVES THE IMPROVEMENT OF AN EXISTING SYSTEM AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND EQUIPMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND EQUIPMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND EQUIPMENT.
- DEFINITIONS:
 - PROVIDE - MEANS TO FURNISH AND INSTALL.
 - UNDER THIS SECTION - MEANS IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND IS TO BE DONE BY AND PAID FOR BY THE CONTRACTOR.
 - BY THIS SECTION - MEANS IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND IS TO BE DONE BY AND PAID FOR BY THE CONTRACTOR.
- INTERRUPTION OF SERVICE:
 - ANY WORK REQUIRED BY THESE DOCUMENTS THAT WILL HAVE AN EFFECT ON EXISTING UTILITIES IN THE BUILDING SHALL BE COORDINATED WITH BUILDING MANAGEMENT. THIS WORK INCLUDES BUT IS NOT LIMITED TO INTERRUPTION OF POWER, TELEPHONE, COMMUNICATION SYSTEM, AIR CONDITIONING, WATER, ETC.
 - SCHEDULE TIMES AND DATES WITH THE GENERAL CONTRACTOR AND BUILDING MANAGEMENT.
- SUBMIT SHOP DRAWINGS OF ALL EQUIPMENT FOR APPROVAL BEFORE ORDERING.
- SUBMIT A COMPLETE "AS-BUILT" RECORD SET IN ELECTRONIC FORMAT TO ARCHITECT/ENGINEER FOR REVIEW PRIOR TO FINAL PAYMENT REQUESTION.
- CONTRACTOR SHALL VERIFY SPACE CONDITIONS AND DIMENSIONS AND SHALL COORDINATE WORK WITH ALL OTHER TRADES AT JOB SITE PRIOR TO FABRICATION AND INSTALLATION OF DUCTWORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FULL COORDINATION OF THIS WORK WITH THAT OF ALL OTHER TRADES AND WITH EXISTING CONDITIONS.
- OBTAIN FULL INFORMATION REGARDING RECLAIMABLES AND LIMITATIONS OF SPACE AVAILABLE FOR INSTALLATION OF THE EQUIPMENT AND MATERIALS UNDER THIS CONTRACT AND PROVIDE READY ACCESSIBILITY TO DAMPERS, VALVES AND OTHER APPARATUS, INCLUDING ANY DUCT SYSTEM REQUIRED TO BE REACHED FOR MAINTENANCE AND OPERATIONS.
- VERIFY ALL VOLTAGES WITH ELECTRICAL CONTRACTOR BEFORE ORDERING ANY EQUIPMENT.
- ALL DUCT AND PIPE PENETRATIONS OF FIRE RATED PARTITIONS SHALL BE SEALED WITH APPROVED FIRE RATED SEALANT TO MAINTAIN THE INTEGRITY OF THE SYSTEM.
- ALL EQUIPMENT AND MATERIALS SHALL BE GUARANTEED FOR THE PERIOD OF ONE YEAR. COMPRESSORS SHALL CARRY 3 YEAR FACTORY GUARANTEE. FURNISH ONE YEAR FREE SERVICE.

- DUCTWORK:
 - ALL DUCT SIZES SHOWN ARE CLEAR INSIDE DIMENSIONS.
 - RIGID LOW PRESSURE DUCTWORK: ALL NEW S/A AND R/A DUCTWORK SHALL BE CONSTRUCTED OF 1/2" THICK STANDARD 3075 FIBERGLASS BOARD (S.A. & R.A.) WITH REINFORCED FLAMEPROOF ALUMINUM FOL FACED COVERING IN ACCORDANCE WITH N.F.P.A. BALLTUN 90-A. DUCTWORK SHALL BE FABRICATED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS. DUCTWORK SHALL BE CERTIFIED ULTRA DUCT OR EQUIVALENT.
 - NEW S/A DUCTWORK SHALL BE CONSTRUCTED OF ZINC COATED GALVANIZED SHEET METAL IN ACCORDANCE WITH S.M.A.C.A. "TAG DUCT" CONSTRUCTION STANDARDS-METAL AND FLEXIBLE". PRESSURE CLASSIFICATION 3.0" WC.
 - FLEXIBLE DUCTWORK SHALL BE ROUND, REINFORCED WITH A WIRE MESH AND INSULATED WITH RAISED WORK. RIBBET TYPE INSULATION WITH EXTERIOR VAPOR BARRIER OF ALUMINUM METALIZED POLYESTER FILM LAMINATED TO CLASS MESH, UL CLASS I AIR DUCT. INSTALL AS PER S.M.A.C.A. STANDARDS FOR METAL AND FLEXIBLE DUCT. FLEXIBLE DUCT SIZE SHALL MATCH DUCTWORK PLENUM SIZE.
 - CONNECT NEW DUCTWORK TO EXISTING WITH FULL SIZE TAP SEAL AIRTIGHT WITH DUCT SEALANT. PROVIDE TRANSITIONS AS REQUIRED TO COORDINATE AND OFFSET DUCTWORK IF NEEDED. PATCH AND SEAL AIRTIGHT ANY UNUSED OPENING IN EXISTING DUCTWORK.
- PROVIDE ACCESS PANELS IN HARD CEILING FOR ALL VALVES, DAMPERS, CONTROL DEVICES, VAV BOXES, ETC. ACCESS PANELS SHALL BE MILCOOR FLUSH TYPE MINIMUM OF 12" X 12" UNLESS NOTED OTHERWISE.
- COMBINATION FIRE AND SMOKE DAMPERS SHALL BE RUSKIN FSD30 OR APPROVED EQUIVALENT. WITH TEST FLEXIBLE LINK. OTHER APPROVED MANUFACTURERS ARE GREENHECK AND MAJOR. DAMPER AND ACTUATOR SHALL BE SUPPLIED AS A SINGLE ENTITY MEETING UL555 AND UL555S AND BEAR A UL LABEL.
- SMOKE DAMPERS SHALL BE RUSKIN SDO30 OR APPROVED EQUIVALENT. MEETING UL555S REQUIREMENTS AND BEARING A UL LABEL. OTHER APPROVED MANUFACTURERS ARE GREENHECK AND MAJOR. DAMPER AND ACTUATOR SHALL BE SUPPLIED AS A SINGLE ENTITY MEETING UL555 AND UL555S.
- FIRE DAMPERS SHALL BE RUSKIN DSD30 STYLE "B" OR APPROVED EQUIVALENT. WITH TEST FLEXIBLE LINK. OTHER APPROVED MANUFACTURERS ARE GREENHECK AND MAJOR. DAMPER AND ACTUATOR SHALL BE SUPPLIED WITH UL LABEL. EACH FIRE DAMPER SHALL BE SHIPPED WITH UL INSTALLATION INSTRUCTIONS AND INSTALLED ACCORDINGLY.
- MOTORIZED CONTROL DAMPERS SHALL BE RUSKIN CSD30 OR APPROVED EQUIVALENT. WITH GALVANIZED STEEL FRAME. PARTIAL AND FULL OPENING DAMPERS SHALL BE GREENHECK AND MAJOR. OTHER APPROVED MANUFACTURERS ARE GREENHECK AND MAJOR. DAMPERS MUST INCLUDE LEAKAGE, MAXIMUM AIRFLOW AND MAXIMUM PRESSURE RATING BASED ON AMCA 200. CONTROL DAMPERS OR OUTSIDE AIR DUCTS SHALL BE PROVIDED WITH LEAK STOP FOR NORMAL OPERATION.
- CONDENSER WATER PIPE AND FITTINGS SHALL BE SCHEDULE 40 BLACK STEEL.
- CONTROLS:
 - INSTALL THERMOSTATS WHERE INDICATED ON DRAWINGS AT 48" A.F.F. AND ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- TESTING:
 - CONTRACTOR SHALL BE RESPONSIBLE TO TEST AND BALANCE THE SYSTEM TO ACHIEVE RATES AS SHOWN ON PLANS AND SCHEDULES. TEST/BALANCE RESULTS SHALL BE SUBMITTED TO ARCHITECT/ENGINEER FOR REVIEW PRIOR TO FINAL PAYMENT REQUESTION. THE TEST AND BALANCE SHALL BE PERFORMED BY AN INDEPENDENT TEST CONTRACTOR CERTIFIED BY THE A.S.H.R.A.E. OR H.V.E.R.B. AND APPROVED BY THE BUILDING MANAGEMENT. THE SUBMITTED TEST AND BALANCE REPORT SHALL BE ON OFFICIAL A.S.H.R.A.E. OR H.V.E.R.B. REPORT FORMS.
 - BALANCE AIR SYSTEM TO DELIVER SPECIFIED QUANTITIES AT EACH OUTLET WITHIN 10% USING A.S.H.R.A.E. OR H.V.E.R.B. PROCEDURES AND TESTS. SUBMIT AIR BALANCE TEST RESULTS FOR REVIEW PRIOR TO FINAL INSPECTION AND ACCEPTANCE.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE FLORIDA BUILDING CODE, AND IN ACCORDANCE WITH ALL APPLICABLE CODES AND ORDINANCES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HOURS OF WORK TIME AVAILABLE TO FAB WITH LABORERS REPRESENTATIVE. SOME WORK MAY HAVE TO BE PERFORMED OUTSIDE NORMAL WORKING HOURS.
- ALL WORK SHALL BE COORDINATED WITH THE WORK OF OTHER TRADES TO AVOID INTERFERENCE WITH PROGRESS OF CONSTRUCTION AND IN STRICT COMPLIANCE WITH ALL APPLICABLE CODES AND STANDARDS.

HVAC DESIGN REQUIRES:	YES	NO
DUCT SMOKE DETECTOR	X	
FIRE DAMPER	X	
SMOKE DAMPER	X	
FIRE RATED ENCLOSURE		X
FIRE RATED FLOOR/DOOR-CEILING ASSEMBLY		X
FIRE STOPPING	X	
SMOKE CONTROL (S)	X	

(S) SMOKE VACUATION SYSTEM IN THE BUILDING IS EXISTING

AIR DISTRIBUTION SCHEDULE				
SYMBOL	USE	TYPE	ACCESSORIES	MFG. & MODEL
'X'	SUPPLY	PERFORATED CLG	LAY-IN TYPE	TITUS, PAS-AA
'R'	RETURN	PERFORATED CLG	LAY-IN TYPE	TITUS, PAR-AA

NOTE: OTHER APPROVED MANUFACTURERS ARE PRICE AND METALARE.

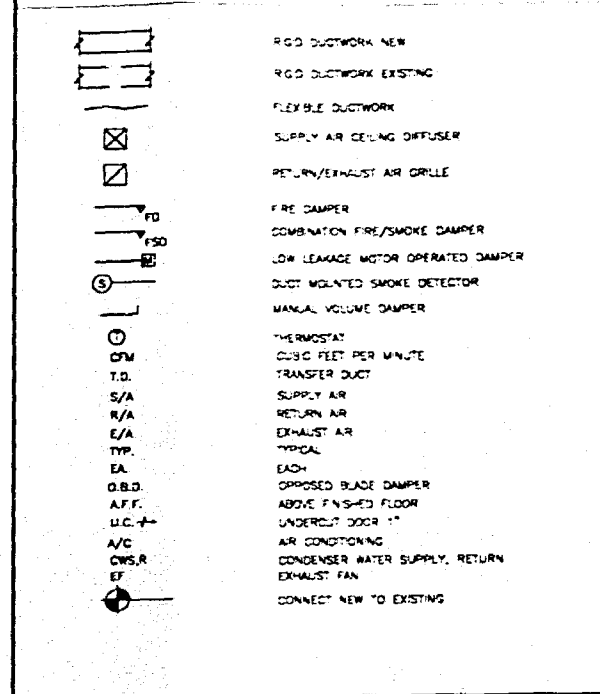
OUTDOOR AIR REQUIREMENTS FOR VENTILATION AS PER ASHRAE STANDARD 62-2001				
A/C UNIT	NUMBER OF OCCUPANTS	CFM PER PERSON	OUTDOOR AIR CFM REQUIRED	OUTDOOR AIR CFM PROVIDED
AC-1	8	20	160	160
AC-2	10	20	200	200
AC-3	9	20	180	180
AC-4	8	20	160	160

VENTILATION FAN SCHEDULE

UNIT DESIGNATION	REF-12
AREA SERVED	LAV ROOM RECIRCULATING FAN
OPERATING WEIGHT LBS.	24
FAN INTERLOCK	THERMOSTAT
LOCATION	SEE PLAN
FAN TYPE	CLG. WIND
TOTAL AIR, CFM	400
DRIVE TYPE	DIRECT
FAN SPEED, RPM	CENTRE
FAN TIP SPEED, RPM MAX	-
FAN SPEED, RPM	1350
TOTAL STATIC PRESSURE, IN. OF H ₂ O	0.125
FAN MOTOR HP (NEW OVERLOAD)	1.55
FAN MOTOR STARTER TYPE	-
STARTER FURNISHED BY	-
ELECTRICAL SERVICE AVAILABLE	120-1-60
MASONRY/ROOF OPENING REQUIRED	-
DESIGN MANUFACTURER	GREENHECK
DESIGN MFR. MODEL NUMBER	SP-4390
SERVICE SWITCH	YES
SMOKE DETECTORS (DUCT INTD)	-
LIGHT SWITCH CONTROL	-
CONSTRUCTION	ONLY STEEL
BACKDRAFT DAMPER	YES
BROOKSTEIN	-
SOLID STATE SPEED CONTROL	-
THERMOSTAT CONTROL	YES
FACTORY FABRICATED CURB	-
CEILING RADIATION DAMPER	-
SEALS	5.4

- NOTES:
- FANS SHALL BE AMCA CERTIFIED AND UL LISTED.
 - FANS SHALL BE PROVIDED WITH ISOLATING HOUSINGS, HANGING VIBRATION ISOLATION KIT AND DECORATIVE GRILLE.
 - OTHER APPROVED MANUFACTURERS ARE COOR AND AOME.

HVAC LEGEND



A/C UNIT SCHEDULE

UNIT DESIGNATION	AC-1	AC-2	AC-3	AC-4
A/C UNIT TYPE	WATER-SOURCE HEAT PUMP	WATER-SOURCE HEAT PUMP	WATER-SOURCE HEAT PUMP	WATER-SOURCE HEAT PUMP
CONNECTION	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL
OPERATING WEIGHT, LB	400	600	500	400
TOTAL AIR, CFM	1900	2800	2300	1750
OUTSIDE AIR, CFM	160	300	180	120
EXTERNAL STATIC, INWG	0.55	0.50	0.50	0.70
FACE VELOCITY, FPM	422	311	250	390
ENTERING AIR TEMPERATURE DB/WB, °F	77/62	77/62	77/62	77/62
TOTAL COOLING CAPACITY, BTUH	53980	83040	69280	44190
SENSIBLE COOLING CAPACITY, BTUH	47140	67440	57760	36790
LEAVING AIR TEMPERATURE DB/WB, °F	54.3/52.0	55.0/51.5	54.0/51.3	54.2/53.2
CONDENSER WATER FLOW, GPM / PRESSURE DROP, FTWG	17/18.0	23/14.5	18/12.8	9/6.0
CONDENSER WATER TEMP. ENTERING/LEAVING, °F	85/95	85/95	85/95	85/95
ENTERING AIR TEMPERATURE DB, °F	68	68	68	68
TOTAL HEATING CAPACITY, BTUH	74500	106400	85000	57210
CONDENSER WATER TEMP. ENTERING/LEAVING, °F	68/60	68/60	68/60	68/60
ELECTRICAL SERVICE AVAILABLE	208-3-60	208-3-60	208-3-60	208-3-60
FAN MOTOR STARTER TYPE	ATL	ATL	ATL	ATL
STARTER FURNISHED BY	MECH. CONT.	MECH. CONT.	MECH. CONT.	MECH. CONT.
UNIT EER/COEP	12.8/4.4	12.7/4.2	14.4/4.6	12.8/4.3
TOTAL UNIT POWER, KW	4.7	7.0	4.2	4.4
HEAT/PAK RATIO	30.4/50	34.5/45	24.9/35	22.9/35
COMPRESSOR NUMBER/TYPER	1/SCROLL	3/SCROLL	2/RECP	1/RECP
COMPRESSOR RLA/RLA, EA.	20.0/123	14.0/91	10.4/65	14.2/91
FAN MOTOR HP/FLA	1.0/3.4	1.5/3.6	1.0/3.3	1.0/3.4
CONDENSER WATER CONNECTIONS, IN	1	1 1/4	1 1/4	1
UNIT DIMENSIONS (H.W.I.) - IN	21/33/58	23/36/79	23/36/79	21/33/58
DESIGN MANUFACTURER	TRANE	TRANE	TRANE	TRANE
DESIGN MFR. MODEL NUMBER	GEN-C80	GEN-D90	GEN-D72	GEN-D48
STAINLESS STEEL BRADED HOSES (2 FT MAX)	YES	YES	YES	YES
VIBRATION ISOLATION HANGING SUPPORT KIT	YES	YES	YES	YES
PROGRAMMABLE DIGITAL THERMOSTAT	YES	YES	YES	YES
1" FILTER RACK	YES	YES	YES	YES
CONDENSATE OVERFLOW PROTECTION SENSOR (FACTORY-INSTALLED AND WIRED)	YES	YES	YES	YES

- NOTE:
- UNITS SHALL BE INSTALLED WITH AN AUXILIARY DRAIN PAN PROVIDED WITH A FLOW SWITCH, TO STOP THE UNIT ON DRAIN PAN OVERFLOW.
 - ALL CONTROLS AND SAFETY DEVICES SHALL BE FACTORY WIRED AND MOUNTED WITHIN THE UNIT.
 - UNITS SHALL BE PROVIDED WITH SEPARATE ELECTRICAL CONNECTIONS FOR FAN AND COMPRESSOR SECTIONS.
 - UNITS SHALL SHUT DOWN UPON ACTIVATION OF THE BUILDING'S FIRE ALARM.
 - OTHER APPROVED MANUFACTURERS ARE FAN, MCCRAY AND YORK.
 - PROVIDE CONDENSATE PUMP, LITTLE GAINY MODEL, VCM-20, 50 GPH AT 10 FT, 120 V. PUMP SHALL BE FURNISHED WITH OPTIONAL SAFETY SWITCH TO SHUT-OFF THE UNITS IN THE EVENT OF A TANK OVERFLOW.

insight design

HVAC LEGEND, NOTES, AND SCHEDULES

WORK FOR THE
Atlantic Center
4th Floor
Miami Beach, Florida

OFFICE COPY
OF THE
MECHANICAL ENGINEER
FOR THE PROJECT
DATE: 11/11/03
PROJECT NO. 0217-7
SCALE AS NOTED
M.O.1

GENERAL NOTES

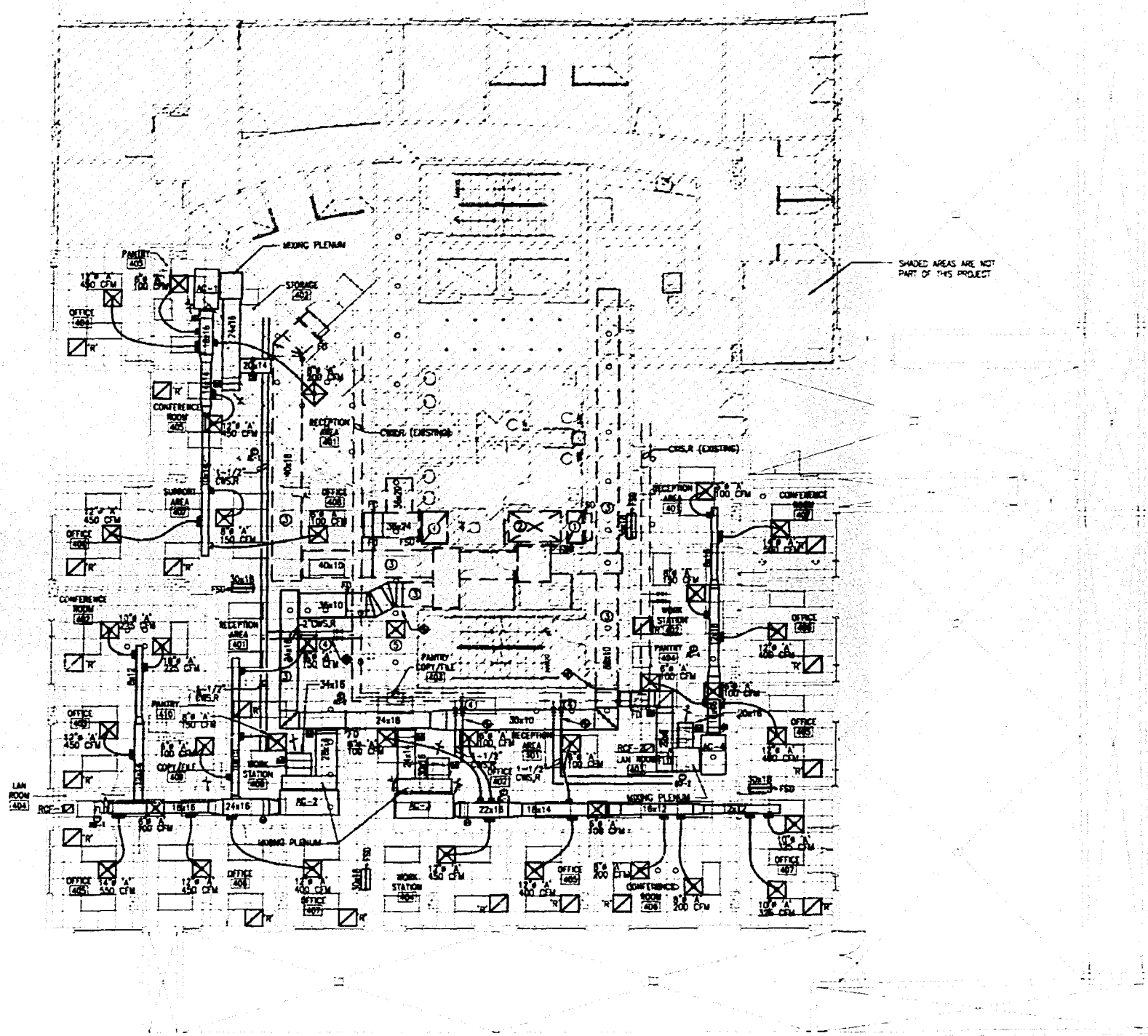
1. MATERIALS EXPOSED WITHIN RETURN PLenums SHALL BE NONCOMBUSTIBLE OR SHALL HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX OF NOT MORE THAN 50 WHEN TESTED IN ACCORDANCE WITH ASTM E84, AND SHALL COMPLY WITH FMC 902.1.1.
2. THE OUTDOOR LAYOUT, PIPING DEVICES, EQUIPMENT LOCATIONS ETC. INDICATED AS EXISTING ON THIS SET OF DRAWINGS HAS BEEN ASSEMBLED FROM AN AS-BUILT SET PROVIDED TO THIS ENGINEER AS AN AGENT OF THIS PROJECT'S DESIGN AS WELL AS SITE VISITS TO VISUALLY VERIFY ACCESSIBLE ITEMS NOTATED ON THESE DRAWINGS. NOT ALL ITEMS, DUCT LAYOUT, SP-RINGS ETC. COULD BE VERIFIED DUE TO THE NATURE OF THE FACILITIES OPERATION AS WELL AS SITE CONDITIONS. ANY DISCREPANCIES AFFECTING THE INTENDED PERFORMANCE OF THE SYSTEM DESIGN INDICATED ON THIS SET OF DRAWINGS SHALL BE BRIDGED TO THE ATTENTION OF THE ENGINEER FOR REVIEW AND RESOLUTION PRIOR TO BID.
3. CLEARANCE IN FRONT OF A/C UNITS ELECTRICAL PANELS SHALL BE KEPT ACCORDING TO N.E.C. AND MANUFACTURER'S RECOMMENDATIONS.

KEYED NOTES

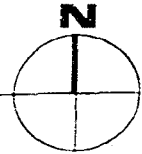
1. EXISTING SMOKE EXHAUST RISER WITH SMOKE DAMPER.
2. EXISTING MAKE-UP AIR/OUTSIDE AIR RISER WITH SMOKE DAMPER.
3. EXISTING MAKE-UP AIR/OUTSIDE AIR DUCT.
4. CONNECT NEW CHS & R PIPING TO EXISTING 2" VALVES.
5. RELOCATE EXISTING DIFFUSER IN CO-ORDINATION. EXTEND EXIST DUCT TO REACH NEW LOCATION. REFINANCE TO 120 CFM.

BASE BUILDING LIFE SAFETY SYSTEMS SEQUENCE OF OPERATIONS (FLOORS 4,5,6)

1. THE OPERATION OF ALL DEVICES SHALL BE PRIMARILY CONTROLLED BY THE FIRE ALARM PANEL.
2. UPON A SIGNAL FROM A SPRINKLER WATER FLOW SWITCH, UNIT DISCHARGE OR AREA SMOKE DETECTOR, THE FIRE ALARM PANEL SHALL:
 - START ELEVATOR AND STAIR PRESSURIZATION FANS.
 - OPEN ALL OUTSIDE AIR DAMPERS IN THE A/C UNITS SERVING FLOORS 4, 5 & 6.
 - CLOSE ALL RETURN AIR DAMPERS IN THE A/C UNITS SERVING FLOORS 4, 5 & 6.
 - OPEN ALL TRANSFER EXIST SMOKE DAMPERS IN FLOORS 4, 5 & 6.
 - OPEN SMOKE DAMPERS IN SMOKE EXHAUST SHAWT STAIRWAYS ON FLOOR OF INCIDENCE.
 - TURN ON ALL FAN SECTIONS ON THE A/C UNITS SERVING FLOORS 4, 5 & 6.
 - TURN ON SUPPLY AND SMOKE EXHAUST FANS.
3. UPON RECEIVING THE ALL CLEAR SIGNAL, THE FIRE ALARM PANEL SHALL:
 - TURN OFF ALL FANS.
 - OPEN ALL RETURN AIR DAMPERS.
 - CLOSE ALL OUTSIDE AIR, EXHAUST AND TRANSFER DAMPERS.
4. ALL LIFE SAFETY DEVICES SHALL HAVE MANUAL OVERRIDES AT THE FIRE ALARM PANEL.
5. ALL SMOKE DAMPERS AND RETURN AIR DAMPERS SHALL FAIL TO THE CLOSE POSITION.
6. ALL OUTSIDE AIR AND TRANSFER AIR SMOKE DAMPERS SHALL FAIL TO THE OPEN POSITION.



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



MIGUEL LAND
MECHANICAL ENGINEER
13100 NW 42ND TER
MIAMI, FL 33178
TEL: (305) 510-6448
DATE: 11/16/2006
FLA. REG. NO. 67447

PROJECT NO. 0217-07
DATE 06/16/05
SCALE AS NOTED
SHEET NO. MO.2

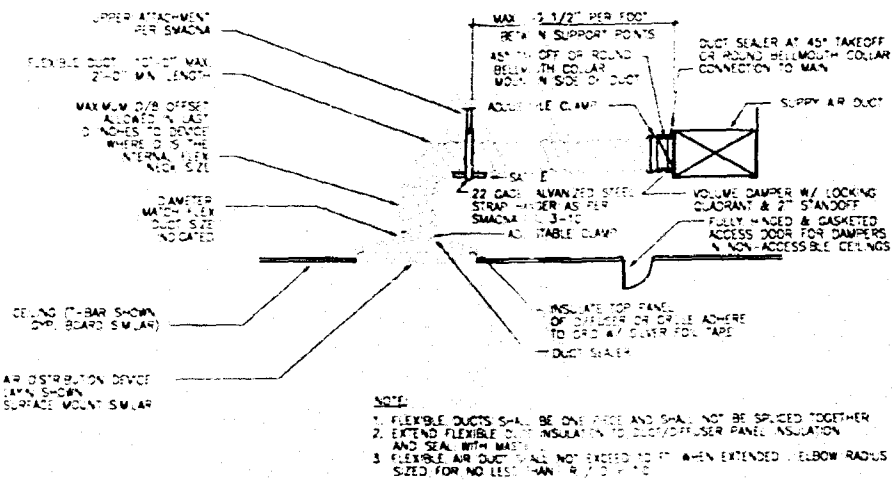
insight design

REVISIONS

MECHANICAL FLOOR PLAN AND DETAILS

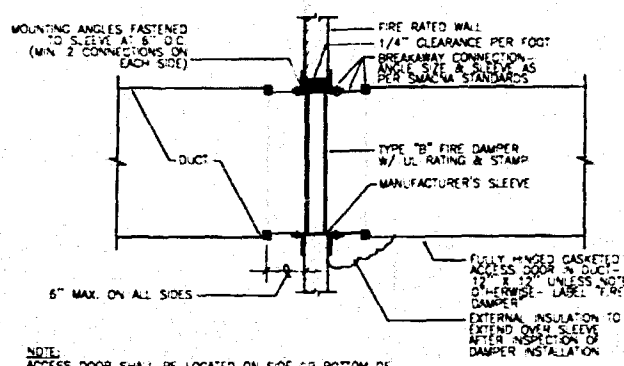
WORK FOR
Atlantic Center
119 Washington Avenue, 4th Floor
Miami Beach, Florida

insight design
ARCHITECTURE & INTERIORS
1955 N.W. 17th AVENUE
Miami, Florida 305 545 4964
AR92182 • AA0003130 • 100003964



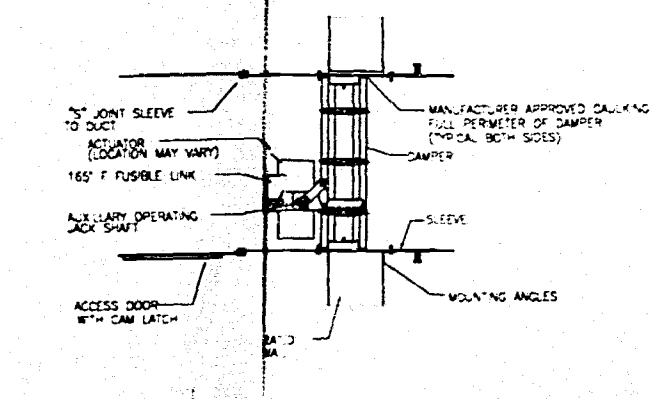
FLEXIBLE DUCT TAKEOFF DETAIL

SCALE NTS



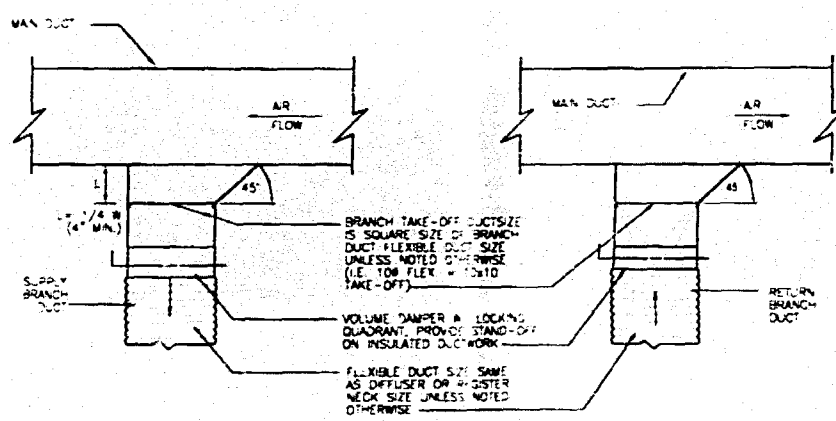
FIRE DAMPER DETAIL

SCALE NTS



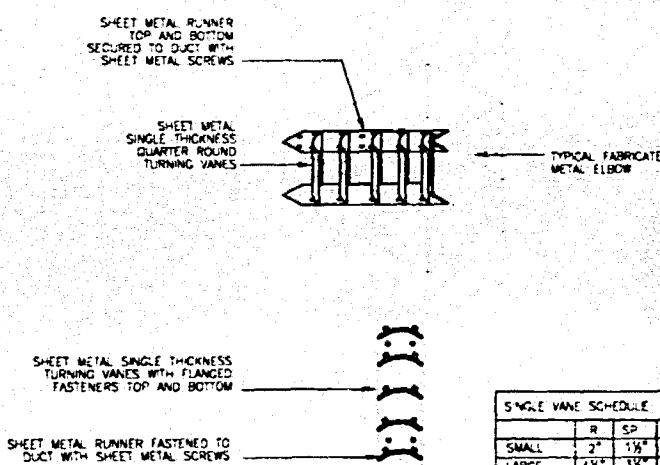
FIRE/SMOKE DAMPER DETAIL

SCALE NTS



DUCT BRANCH TAKE OFF TO DIFFUSER

SCALE NTS



DUCT TURNING VANE DETAIL

SCALE NTS

System No. 899-0-0884
Approved Edition - 1 and 2 to the Code of
Practice for Mechanical Contractors - 1995
Code Book and Supplemental Code Book - 1995

1. Floor Assembly - Min. 4\"/>

2. Wall Assembly - Min. 4\"/>

3. Ceiling Assembly - Min. 4\"/>

4. Light Gauge Steel - Floor and Ceiling Beams - Min. 4\"/>

5. Light Gauge Steel - Wall and Ceiling Beams - Min. 4\"/>

6. Light Gauge Steel - Floor and Ceiling Beams - Min. 4\"/>

7. Light Gauge Steel - Wall and Ceiling Beams - Min. 4\"/>

8. Light Gauge Steel - Floor and Ceiling Beams - Min. 4\"/>

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16. Light Gauge Steel - Floor and Ceiling Beams - Min. 4\"/>

17. Light Gauge Steel - Wall and Ceiling Beams - Min. 4\"/>

18. Light Gauge Steel - Floor and Ceiling Beams - Min. 4\"/>

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28. Light Gauge Steel - Floor and Ceiling Beams - Min. 4\"/>

29. Light Gauge Steel - Wall and Ceiling Beams - Min. 4\"/>

30. Light Gauge Steel - Floor and Ceiling Beams - Min. 4\"/>

31. Light Gauge Steel - Wall and Ceiling Beams - Min. 4\"/>

32. Light Gauge Steel - Floor and Ceiling Beams - Min. 4\"/>

33. Light Gauge Steel - Wall and Ceiling Beams - Min. 4\"/>

34. Light Gauge Steel - Floor and Ceiling Beams - Min. 4\"/>

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95. Light Gauge Steel - Wall and Ceiling Beams - Min. 4\"/>

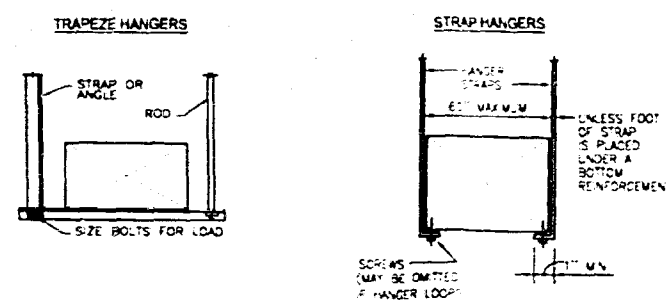
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98. Light Gauge Steel - Floor and Ceiling Beams - Min. 4\"/>

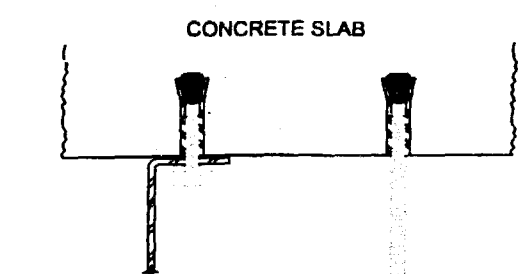
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100. Light Gauge Steel - Floor and Ceiling Beams - Min. 4\"/>



DUCT SUPPORT DETAIL

SCALE NTS



CONCRETE ANCHORS (EXP. SHIELDS)

SCALE NTS



REVISIONS

HVAC DETAILS

SCALE

WORK FOR
Atlantic Center
119 Washington Avenue, 4th Floor
Miami Beach, Florida

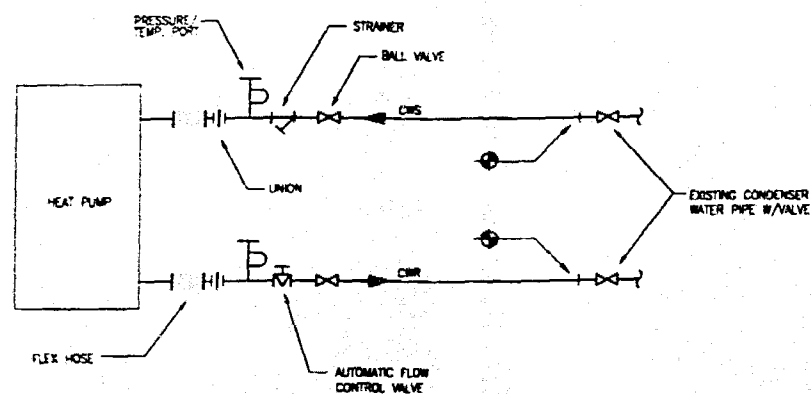
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CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY
THE FOLLOWING:

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ARCHITECTURE INTERIORS
Miami, Florida 305 545 4064
AR92182 o MA0003130 o ID0003084

MEGUEL LANDE
MECHANICAL ENGINEER
16100 N.W. 42ND TER
MIAMI, FL 33176
TEL: (305) 570-6448

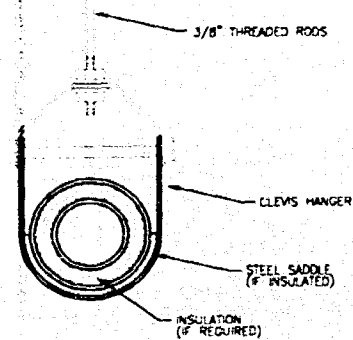
DATE: 11/16/05
FLA. REG. NO. 67447

PROJECT NO: 0217-07
DATE: 06-16-05
SCALE: AS NOTED
SHEET NO: M0.3



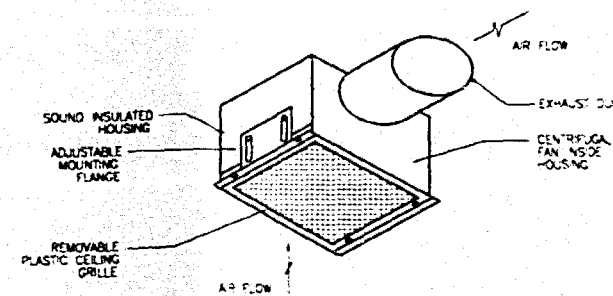
CONDENSER WATER PIPING SCHEMATIC

SCALE NTS



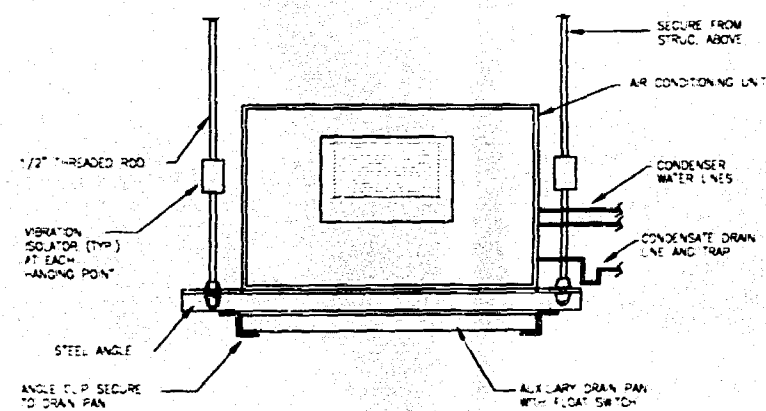
PIPE HANGER DETAIL

SCALE NTS



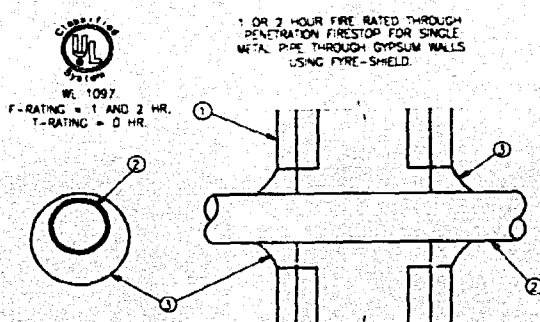
CEILING FAN DETAIL

SCALE NTS



A/C UNIT MOUNTING DETAIL

SCALE NTS



FIRESTOPPING DETAIL

SCALE NTS

- 1 OR 2 HOUR FIRE RATED THROUGH PENETRATION FIRESTOP FOR SINGLE METAL PIPE THROUGH GYPSUM WALLS USING FIRE-SHIELD.
- UL W. 1097
F-RATING = 1 HR. AND 2 HR.
T-RATING = 0 HR.
- 1 PRE-RATED GYPSUM WALLBOARD/STUD WALL ASSEMBLY
 - 2 METALLIC PIPE - A) STEEL PIPE - 8" DIAM (OR SMALLER) SCH. 40 (OR HEAVIER) STEEL PIPE
B) IRON PIPE - 8" DIAM (OR SMALLER) CAST OR DUCTILE IRON PIPE
C) CONDUIT - 4" DIAM (OR SMALLER) EMT OR RIGID STEEL CONDUIT
D) COPPER TUBING - 4" DIAM (OR SMALLER) TYPE L (OR HEAVIER) COPPER TUBING
E) COPPER PIPE - 4" DIAM (OR SMALLER) REGULAR (OR HEAVIER) COPPER PIPE
THE ANNULAR SPACE SHALL BE MIN. 1/4" TO MAX. 5/8" WITHIN THE FIRESTOP SYSTEM
 - 3 FIRE-SHIELD - MIN. 1/2" THICKNESS OF SEALANT APPLIED WITHIN OPENING. ADDITIONAL SEALANT TO BE INSTALLED SUCH THAT A MIN. 1/4" CHAMFER IS FORMED AROUND THE PENETRATING ITEM

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REVISIONS

HVAC DETAILS

DATE

WORK
for
Atlantic Center
119 Washington Avenue, 4th Floor
Miami Beach, Florida

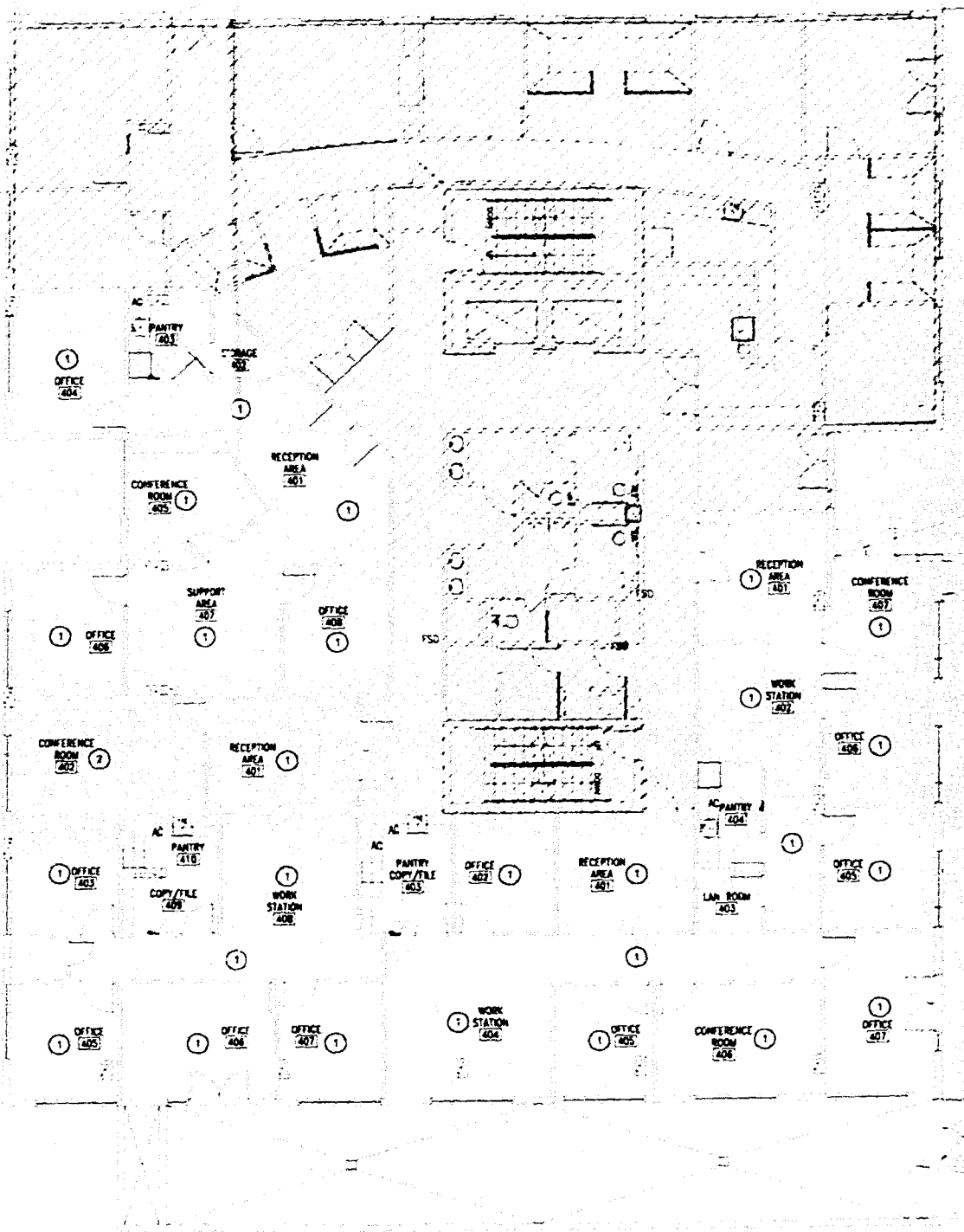
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design
ARCHITECTURE & INTERIORS
1955 N.W. 17th AVENUE
Miami, Florida 33136
AR92182 • AAD0003100 • ID0003984

WIGUEL LANSE
MECHANICAL ENGINEER
10160 NW 42ND TER
MIAMI, FL 33176
TEL: (305) 610-8448
DATE: 6/28/05
FLA. REG. NO. 62447

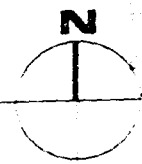
REV. NO. 6
DATE 02/17/07
BY F
30/16/05
SCALE AS NOTED
SHEET NO.

M0.4

SMOKE CANDLE KEY	
①	30 SEC WHITE SMOKE CANDLE (4,000 FT3)
②	60 SEC WHITE SMOKE CANDLE (8,000 FT3)



SMOKE CANDLE LAYOUT PLAN



OFFICE COPY
CITY OF MIAMI
DEPARTMENT OF
PUBLIC WORKS

WORK LOG
MECHANICAL ENGINEER
DATE: 11/11/11
TIME: 11:11 AM
BY: [Signature]
REVISIONS
NO. DESCRIPTION
1.000 M0.5



REVISIONS

SMOKE CANDLE
LOCATION PLAN

WORK FOR
Atlantic Center
119 Washington Avenue, 4th Floor
Miami Beach, Florida

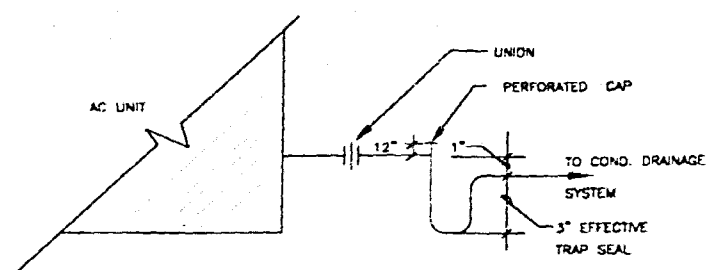
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ARCHITECTURE & INTERIORS
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Miami, Florida 33155-4924
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M0.5

PLUMBING SYMBOL LEGEND	
SA	SANITARY LINE
VL	VENT LINE
CD	CONDENSATE DRAIN LINE
WD	WATER DRAIN LINE
HL	HOT WATER LINE
CO	CLEAN OUT
FD	FLOOR DRAIN
WH	INSTANT WATER HEATER
AA	AIR HAMMER ARRESTER
⊕	CONNECT NEW TO EXISTING

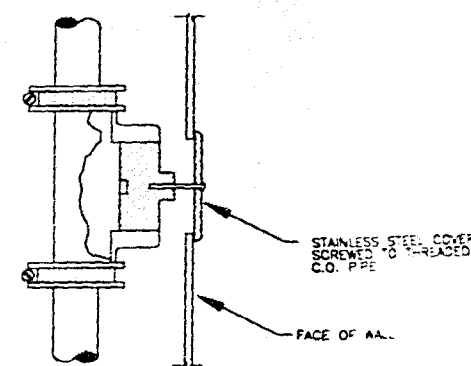
PLUMBING FIXTURE CONNECTION SCHEDULE						
NO.	DESCRIPTION	DRAIN	WATER		MANUFACTURER/MODEL	TRM
			COLD	HOT		
SK	SINK	2"	1/2"		SEE ARCHITECTURAL	

- PLUMBING NOTES**
- ALL PLUMBING SHALL BE DONE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, STATE AND LOCAL ORDINANCES.
 - PLUMBING CONTRACTOR SHALL VERIFY ALL SPACE CONDITIONS AND DIMENSIONS FOR FIT, PRIOR TO FABRICATION AND INSTALLATION OF MATERIALS AND EQUIPMENT.
 - COORDINATE WORK WITH OTHER TRADES.
 - FURNISH AND INSTALL FIXTURES AS SPECIFIED IN FIXTURE SCHEDULE THIS DRAWING.
 - EACH PLUMBING FIXTURE SHALL BE PROVIDED WITH WATER HAMMERS OR SHOCK ABSORBERS PER FLORIDA BUILDING CODE.
 - PROVIDE SHUT-OFF VALVE FOR EACH FIXTURE.
 - WHEREVER DISSIMILAR METALS ARE TO BE JOINED, A DIELECTRIC FITTING SHALL BE PROVIDED TO CONNECT BOTH TYPES OF PIPES.
 - PROVIDE PIPING AS FOLLOWS:
DOMESTIC COLD AND HOT WATER AND WATER HEATER RELIEF PIPING: COPPER PIPE TYPE "K" OR "L" WITH SOLDER JOINTS, MIN. 125 LB. BRASS VALVES.
SANITARY WASTE AND VENT, BELL AND SPIGOT CAST IRON PIPING WITH COMPRESSION GASKETS UNDERGROUND, NO-HUB CAST IRON PIPING OR COPPER DWV ABOVE FLOOR SLAB.
AIR CONDITIONING CONDENSATE: COPPER DWV AND FITTINGS.
 - INSULATE AIR CONDITIONING DRAINAGE PIPING WITH 3/4" THICK CLOSE CELL POLYURETHANE INSULATION.
 - DRAIN TRAPS, CLEANOUTS AND SPECIALTIES:
A. INTERIOR FLOOR CLEANOUTS, JOSAM S8020 OR EQUAL, MINORITY COVER.
B. WALL CLEANOUT, CAST IRON 1" BRANCH WITH BRASS COUNTERSUNK PLUG, 1/2" ACCESS COVER WITH SATIN CHROME PLATED TOP, JOSAM S8170-3-12 OR EQUAL.
 - FOR WATER AND SEWER SIZING SEE RISER DIAGRAMS AND FLOOR PLANS.
 - COMBUSTIBLE PIPING IS NOT PERMITTED IN RETURN AIR PLENUMS OR CEILING SPACES USED FOR RETURN AIR.
 - PROVIDE FIRE RETARDANT UL APPROVED SEALANT ON ALL PENETRATIONS OF FIRE RATED WALLS AND SLAB.
 - ALL PLUMBING FIXTURES SHALL BE PROVIDED WITH STOP VALVES IN ACCESSIBLE LOCATIONS AND TRAPS, EXCEPT WHERE THEY HAVE INTEGRAL TRAPS. PROVIDE HAMMER ARRESTORS TO PROTECT AGAINST WATER HAMMER.
 - PIPING BELOW HANDICAPPED FIXTURES SHALL BE PROTECTED ACCORDING WITH THE FLORIDA ACCESSIBILITY CODE.
 - PROVIDE FULLY ACCESSIBLE CLEANOUTS IN SANITARY PIPING AT EVERY CHANGE IN DIRECTION, LOCATIONS AND SIZES SHALL BE ACCORDING TO CODE.
 - THE PLUMBING CONTRACTOR SHALL EXTEND SANITARY, VENT AND WATER PIPING TO NEW PLUMBING FIXTURES AS INDICATED IN THESE DRAWINGS.
 - ALL HORIZONTAL SANITARY PIPING SHALL BE INSTALLED WITH A MINIMUM SLOPE OF 1/4" PER FOOT.
 - PLUMBING CONTRACTOR SHALL COORDINATE ALL BELOW SLAB DEMOLITION AND NEW WORK WITH BUILDING FACILITIES MANAGER.
 - IF ANY OF REQUIRED SLAB DRILLING IS MANDATORY, CONTRACTOR SHALL SUBMIT 3-DAYS TO BUILDING MANAGEMENT FOR REVIEW BEFORE PROCEEDING.
 - ALL WORK SHALL BE PERFORMED ONLY DURING TIMES SCHEDULED BY THE BUILDING FACILITIES MANAGER. SOME WORK MIGHT HAVE TO BE DONE AFTER REGULAR HOURS.
 - ALL PIPING THAT WILL NOT BE REUSED SHALL BE REMOVED. NO PIPING SHALL BE ABANDONED IN PLACE.
 - ANY WORK NOT SHOWN ON THE DRAWINGS OR SPECIFICALLY MENTIONED IN THE SPECIFICATIONS BUT CONSIDERED NECESSARY FOR THE COMPLETION OF THE WORK IN PROPER MANNER SHALL BE PROVIDED BY THE CONTRACTOR WITHOUT ADDITIONAL CHARGE.
 - THIS SET OF DRAWINGS HAS BEEN ASSEMBLED FROM AN AS-BUILT SET PROVIDED TO THE ENGINEER AS AN AID IN THIS PROJECT'S DESIGN AS WELL AS SITE VISITS TO VISUALLY VERIFY ACCESSIBLE ITEMS INDICATED ON THESE DRAWINGS. NOT ALL ITEMS, DUCT LAYOUT, OPENINGS ETC. COULD BE VERIFIED DUE TO THE NATURE OF THE FACILITIES OPERATIONS AS WELL AS SITE CONDITIONS. ANY DISCREPANCIES AFFECTING THE INTENDED PERFORMANCE OF THE SYSTEM DESIGN INDICATED ON THIS SET OF DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR REVIEW AND RESOLUTION PRIOR TO B.C.



A/C CONDENSATE DRAIN CONNECTION DETAIL

N.T.S.



WALL CLEANOUT DETAIL

N.T.S.

MIGUEL LANDE
MECHANICAL ENGINEER
12100 NW 45RD TER
MIAMI, FL 33178
TEL (305) 510-8448
DATE: 6/20/06
P.A. REG. NO. 62442

PROJECT NO. 0217-07
DRAWN BY: ML
DATE: 06-16-05
SCALE: AS NOTED
SHEET NO.

P0.1

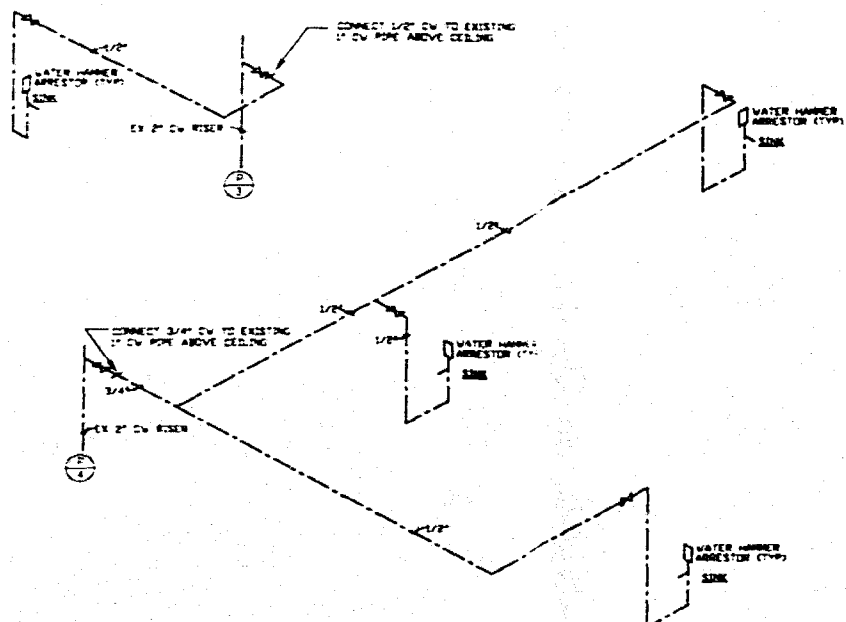
insight
design

MECHANICAL

PLUMBING
NOTES, DETAILS,
AND SCHEDULES

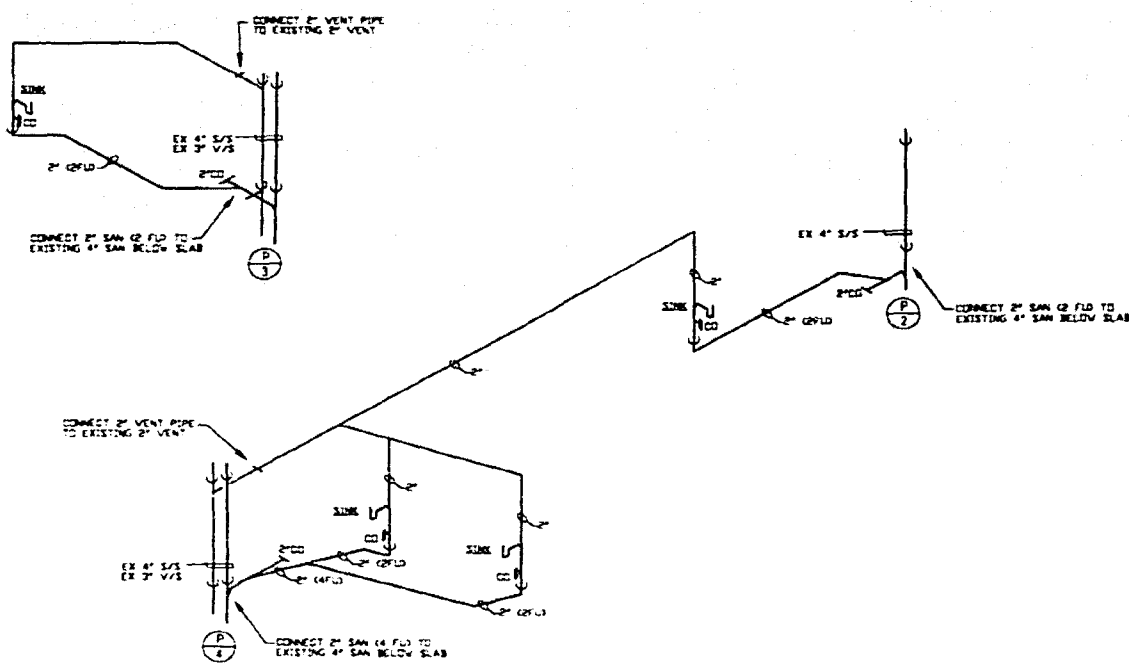
WORK
IN
Atlantic Center
118 Washington Avenue, 4th Floor
Miami Beach, Florida

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ARCHITECTURE • INTERIORS
1955 N.W. 17th AVENUE
Miami, Florida 305 545 4064
ARR2162 • A00003130 • 1000003864



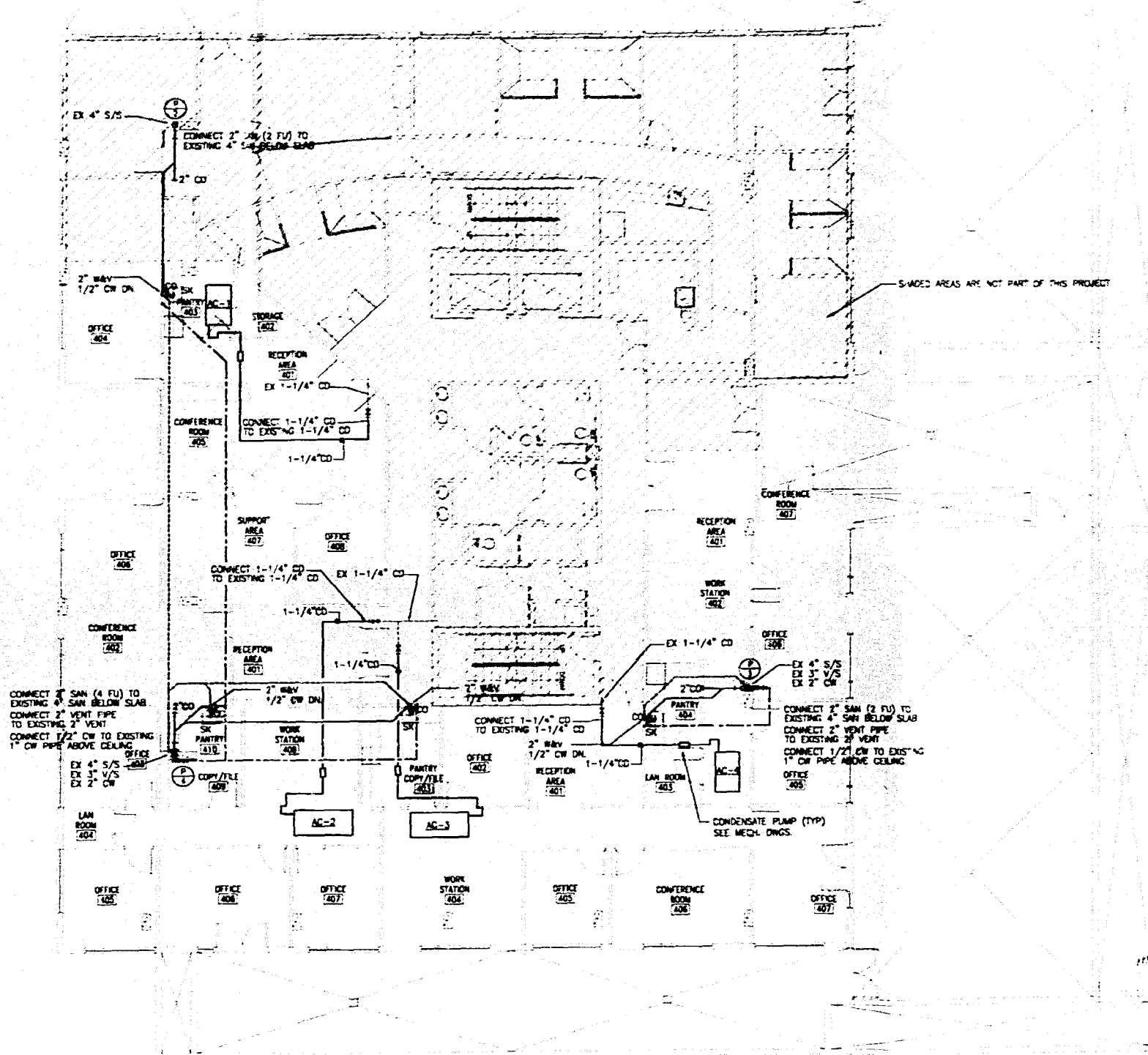
WATER ISOMETRICS

N.T.S.



SANITARY ISOMETRICS

N.T.S.

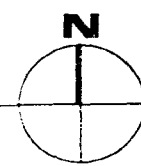


GENERAL NOTE

THIS SET OF DRAWINGS HAS BEEN ASSEMBLED FROM AN AS-BUILT SET PROVIDED TO THIS ENGINEER AS AN AID IN THIS PROJECT'S DESIGN AS WELL AS SITE VISITS TO VISUALLY VERIFY ACCESSIBLE ITEMS INDICATED ON THESE DRAWINGS. NOT ALL ITEMS, PIPING, FIXTURES, ETC. COULD BE VERIFIED DUE TO THE NATURE OF THE FACILITIES OPERATIONS AS WELL AS SITE CONDITIONS. ANY DISCREPANCIES AFFECTING THE INTENDED PERFORMANCE OF THE SYSTEM DESIGN INDICATED ON THIS SET OF DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR REVIEW AND RESOLUTION PRIOR TO PD.

PLUMBING FLOOR PLAN

SCALE 1/8" = 1'-0"



MIGUEL LANDE
MECHANICAL ENGINEER
13100 HWY. 43RD TER
MIAMI, FL 33178
TEL: (305) 510-0449
DATE: 1/2/05
P.L.A. REG. NO. 32447

PROJECT NO. 0217-07
SHEET NO. ME
DATE: 06/15/05
SCALE: AS NOTED
SHEET NO. P0.2



REVISIONS

PLUMBING FLOOR PLAN AND RISERS

WORK for Atlantic Center 4th Floor
119 Washington Avenue, Florida
Miami Beach, Florida

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1955 N.W. 17th AVENUE
Miami, Florida 305 545 4064
AR02162 o AA0003100 o 1000003964

AT 8/23/05

**FIRE PROTECTION LEGEND
(FIRE SPRINKLER SYSTEM)**

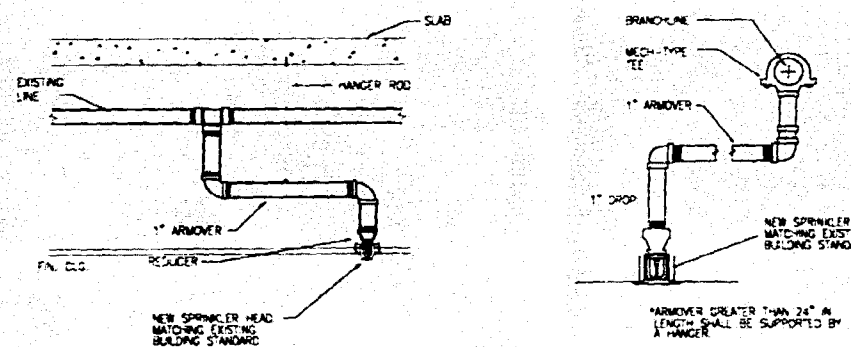
- EXISTING FIRE SPRINKLER PIPE TO REMAIN
- NEW FIRE SPRINKLER PIPE
- REMOVE EXISTING SPRINKLER HEAD AND 1" RISER, CONNECT NEW 1" SPRINKLER PIPE TO EXISTING 1" OUTLET
- EXISTING SPRINKLER HEAD TO BE REMOVED AND RISER LAPPED
- EXISTING SPRINKLER HEAD TO REMAIN
- NEW CONCEALED TYPE SPRINKLER HEAD

FIRE PROTECTION NOTES

1. FIRE PROTECTION CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND COORDINATION TO AVOID INTERFERENCE WITH THE WORK OF OTHER TRADES.
2. THIS IS A DIAGRAMMATIC CONCEPTUAL PLAN. FIRE SPRINKLER CONTRACTOR SHALL SUBMIT RISED AND SEALED SHOP DRAWINGS AND HYDRAULIC CALCULATIONS FOR PERMIT AS PER FLORIDA ADMINISTRATIVE CODE CHAPTER 61010-32.002 (6).
3. CONTRACTOR SHALL RELOCATE HEADS, EXTEND PIPES TO NEW/RELOCATED SPRINKLER HEADS, PROVIDE NEW SPRINKLER HEADS, ETC. AS REQUIRED TO ACCOMMODATE NEW LAYOUTS.
4. ALL PIPING SHALL BE SCH 40 BLACK STEEL OR LIGHTWALL RE PIPING IN ACCORDANCE WITH BUILDING STANDARDS. ALL PIPING SHALL BE HYDROSTATICALLY TESTED AT 200 PSI FOR TWO HOURS AS PER NFPA 13.
5. BUILDING IS FULLY SPRINKLERED IN ACCORDANCE WITH NFPA 13 REQUIREMENTS.
6. ALL ARMORERS TO INDIVIDUAL SPRINKLER HEADS SHALL BE ONE INCH PIPE SIZE.
7. HANGER SPACING AND METHOD SHALL BE IN ACCORDANCE WITH NFPA 13 REQUIREMENTS.
8. ALL RATED WALLS TO BE PROPERLY SLEEVED AND SEALED WITH APPROVED FIRE AND SMOKE STOP MATERIAL.
9. PROVIDE ALTERNATE DRAINS FOR ALL TRAPPED PIPING SECTIONS AS REQUIRED.
10. ALL WORK SHALL BE IN ACCORDANCE WITH NFPA 13 STANDARDS AND IN CONFORMANCE WITH ALL LOCAL CODES AND ORDINANCES AND COMPLY WITH BUILDING STANDARDS REQUIREMENTS.
11. DESIGN CRITERIA:
LIGHT HAZARD - 0.10 GPM PER SQ. FT. DENSITY, 100 GPM HOSE ALLOWANCE, MINIMUM 1500 SQ. FT. REMOVE AREA OF APPLICATION.
12. COORDINATE ALL SYSTEM ZONE SPLIT-DOWN WITH OWNER'S REPRESENTATIVE MINIMUM OF 48 HOURS PRIOR TO COMMENCEMENT OF WORK.
13. PROVIDE SPRINKLER HEAD ABOVE AND BELOW HVAC EQUIPMENT UNDER THAN 48".

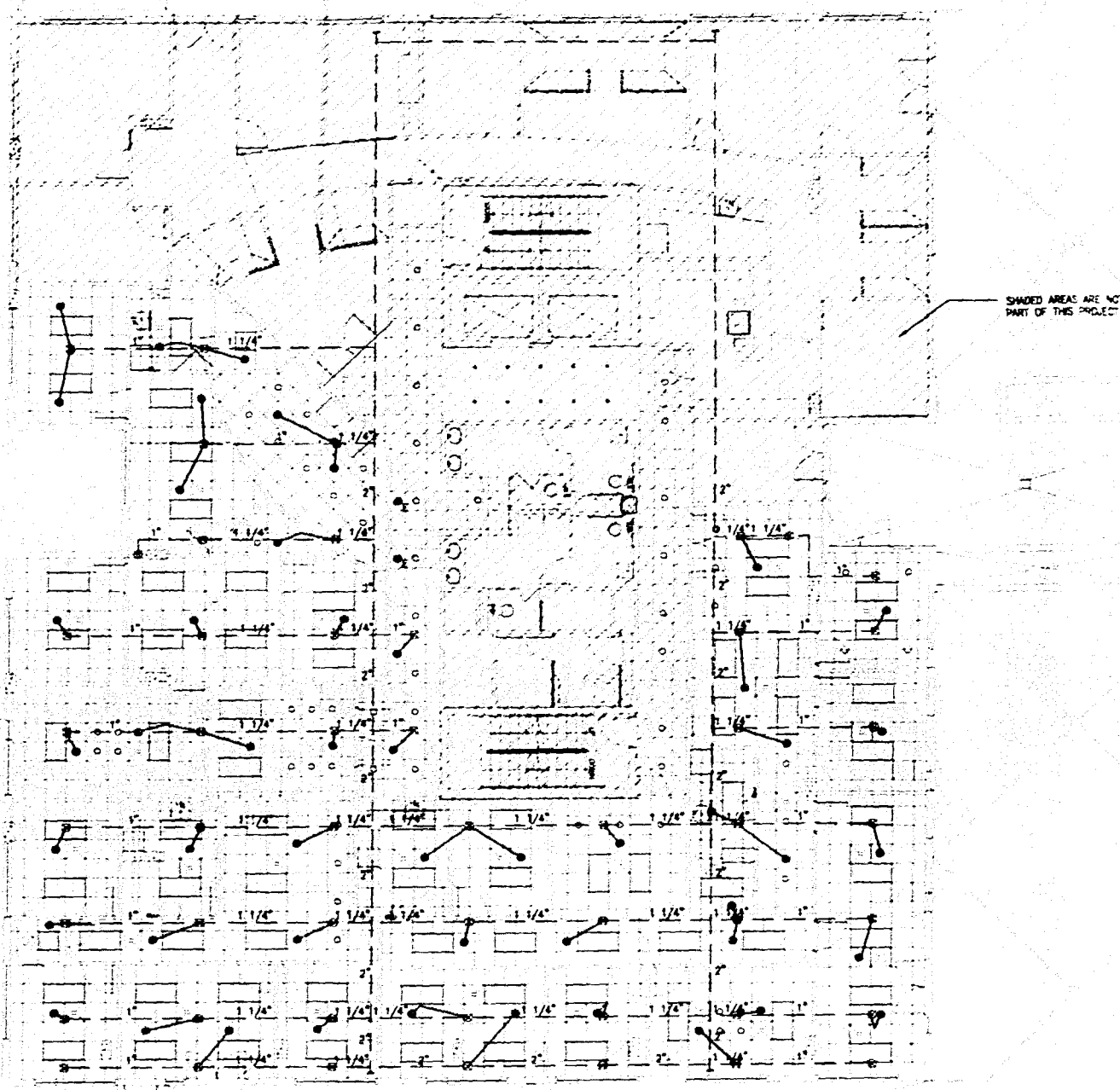
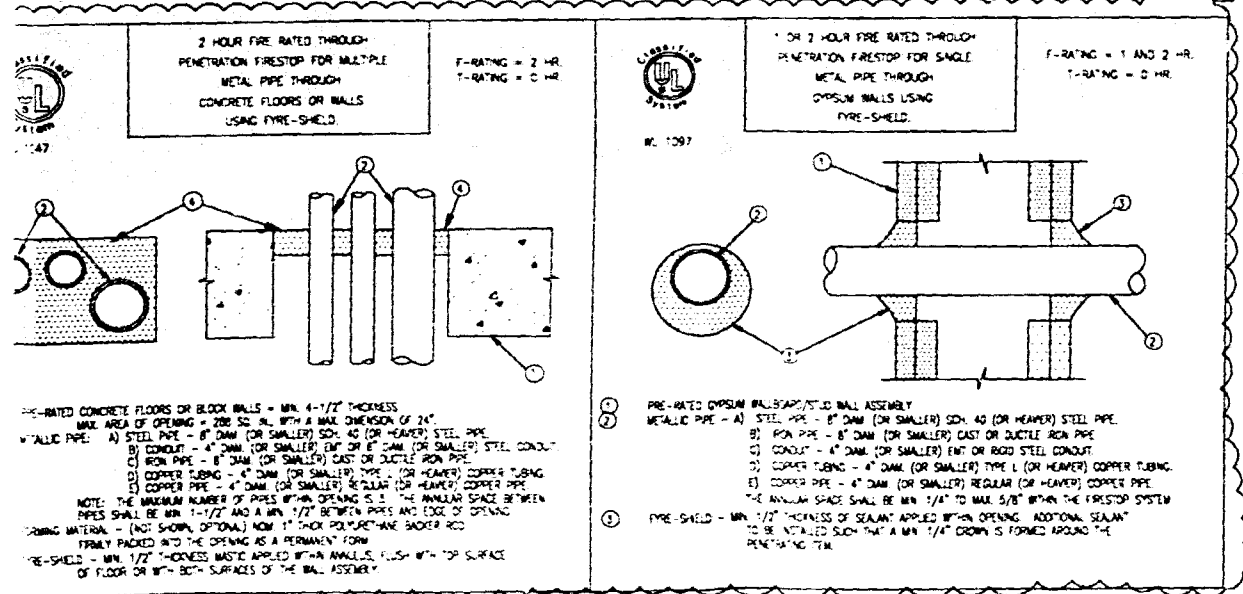
FIRE SPRINKLER HEAD SCHEDULE

SYMBOL	AREA SERVED	ORIFICE SIZE	TEMP. RATING	CONFIGURATION	MANUFACTURER AND MODEL	REMARKS
●	SPRINKLES WITH CEILING	1/2" 4.5-8	155T/BRC	CONCEALED PENDENT FLAT PLATE, QUICK RESPONSE 4.5m x 4.5m (18'x18') COVERAGE	CENTRAL/TYPE SERIES 874 (TK3531)	CONSULT ARCH. FOR FINISH



TYPICAL ARMOVER DETAILS

N.T.S.



FIRE PROTECTION FLOOR PLAN
SCALE 1/8\"/>



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CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY THE FOLLOWING:

- BUILDING ZONING:
- FIRE DEPT:
- CONCURRENCE:
- PLUMBING:
- ELECTRICAL:
- MECHANICAL:
- FIRE PREVENTION:
- LAND USE:
- PUBLIC WORKS:
- ENVIRONMENTAL:
- PERMITS:
- INSPECTION:
- OTHER:

MIGUEL LANDE
MECHANICAL ENGINEER
10120 N.W. 43RD TER
MIAMI, FL 33173
TEL: (305) 510-6446
DATE: 06/16/05
F.L.A. REG. NO. 02447

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ARCHITECTURE & INTERIORS
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Miami, Florida 305 545 4964
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FIRE PROTECTION FLOOR PLAN AND DETAILS

Atlantic Center
119 Washington Avenue, 4th Floor
Miami Beach, Florida

F0.2

**FIRE PROTECTION LEGEND
(FIRE SPRINKLER SYSTEM)**

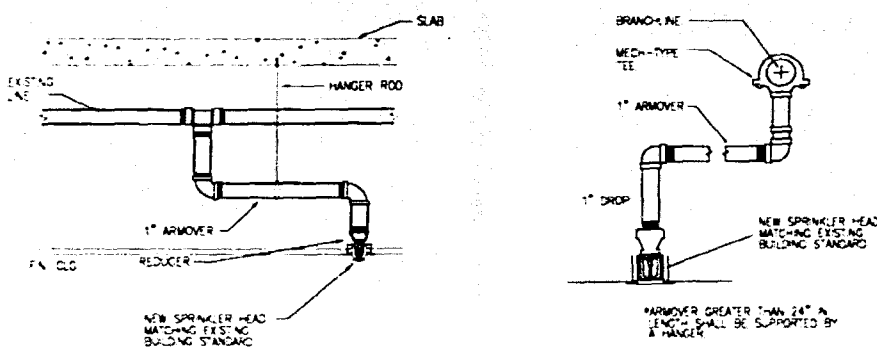
- EXISTING FIRE SPRINKLER PIPE TO REMAIN
- NEW FIRE SPRINKLER PIPE
- ⊥ REMOVE EXISTING SPRINKLER HEAD AND 1" RISER, CONNECT NEW 1" SPRINKLER PIPE TO EXISTING 1" OUTLET
- ⊥ EXISTING SPRINKLER HEAD TO BE REMOVED AND RISER CAPPED
- EXISTING SPRINKLER HEAD TO REMAIN
- NEW CONCEALED TYPE SPRINKLER HEAD

FIRE PROTECTION NOTES

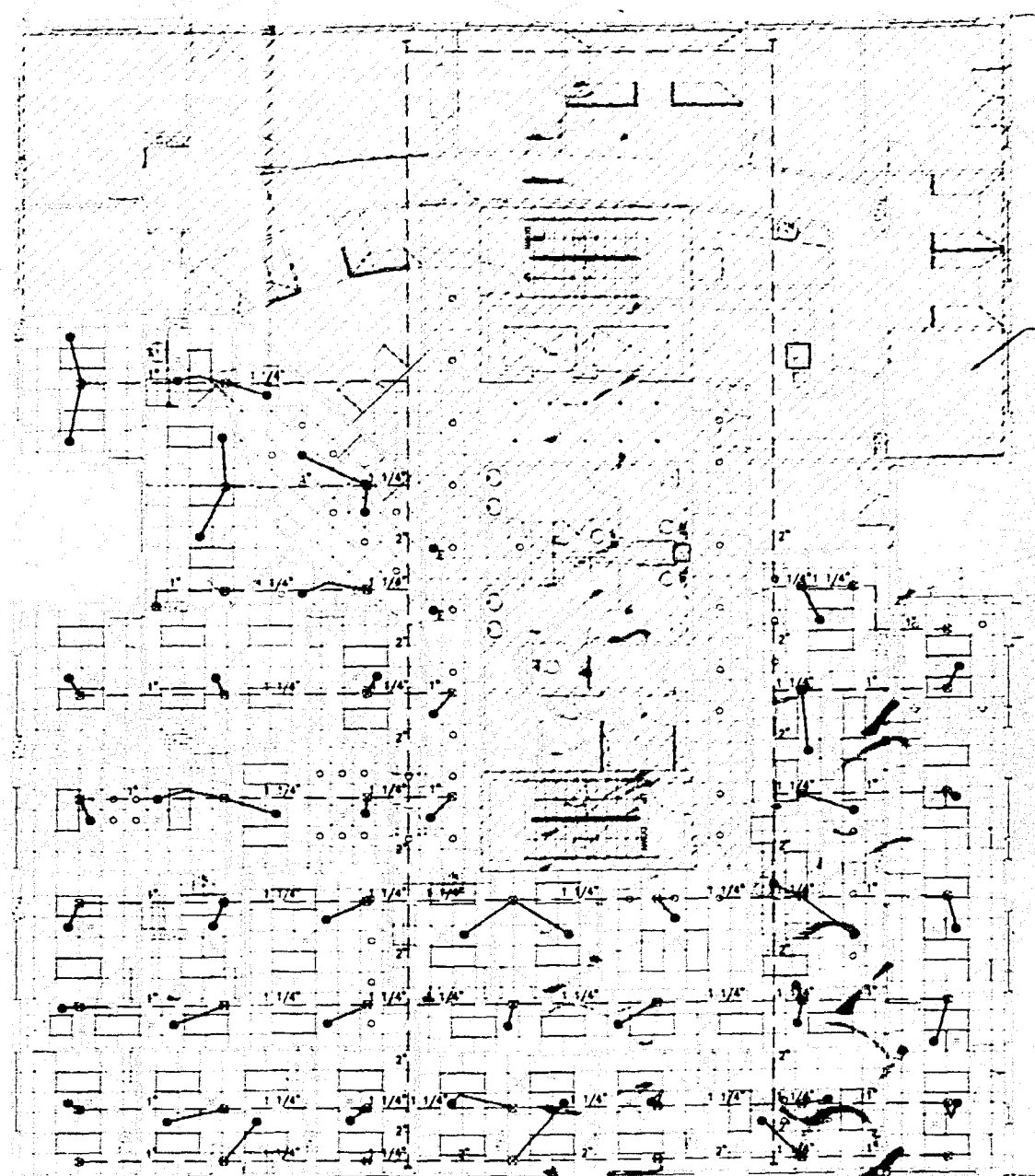
1. FIRE PROTECTION CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND COORDINATION TO AVOID INTERFERENCE WITH THE WORK OF OTHER TRADES.
 2. THIS IS A DIAGNOSTIC/CONFIRMATION PLAN. FIRE SPRINKLER CONTRACTOR SHALL SUBMIT SIGNED AND SEALED SHOP DRAWINGS AND HYDRAULIC CALCULATIONS FOR PERMIT, AS PER FLORIDA ADMINISTRATIVE CODE CHAPTER 61G15-32.002 (6).
 3. CONTRACTOR SHALL RELOCATE HEADS, EXISTING PIPES TO NEW/RELOCATED SPRINKLER HEADS, PROVIDE NEW SPRINKLER HEADS, ETC. AS REQUIRED TO ACCOMMODATE NEW LAYOUTS.
 4. ALL PIPING SHALL BE SCH. 40 BLACK STEEL OR EQUIVALENT. ALL PIPING IN ACCORDANCE WITH BUILDING STANDARDS. ALL PIPING SHALL BE HYDROSTATICALLY TESTED AT 200 PSI FOR TWO HOURS AS PER N.F.P.A. 13 REQUIREMENTS.
 5. ALL ARMOVERS TO INDIVIDUAL SPRINKLER HEADS SHALL BE ONE INCH PIPE SIZE.
 6. HANGER SPACING AND METHOD SHALL BE IN ACCORDANCE WITH N.F.P.A. 13 REQUIREMENTS.
 7. ALL RATED WALLS TO BE PROPERLY SLEEVED AND SEALED WITH APPROVED FIRE AND SMOKE STOP MATERIAL.
 8. PROVIDE AUXILIARY DRAINS FOR ALL TRAPPED PIPING SECTIONS AS REQUIRED.
 9. ALL WORK SHALL BE IN ACCORDANCE WITH N.F.P.A. 13 STANDARDS AND IN CONFORMANCE WITH ALL LOCAL CODES AND ORDINANCES AND COMPLY WITH BUILDING STANDARDS REQUIREMENTS.
- DESIGN CRITERIA:**
- LIGHT HAZARD: 0.10 GPM PER SQ. FT. DENSITY, 100 GPM HOSE ALLOWANCE, MINIMUM 1500 SQ. FT. PROTECT AREA OF APPLICATION.
 - COORDINATE ALL SYSTEM ZONE SHUT-DOWNS WITH OWNER'S REPRESENTATIVE MINIMUM OF 48 HOURS PRIOR TO COMMENCEMENT OF WORK.
 - PROVIDE SPRINKLER HEAD ABOVE AND BELOW HVAC EQUIPMENT UNDER TRAYS AS:

FIRE SPRINKLER HEAD SCHEDULE

SYM.	AREA SERVED	ORIFICE SIZE	TEMP. RATING	CONFIGURATION	MANUFACTURER AND MODEL	REMARKS
●	SPACES WITH CEILING	1/2" / 4x5.8	155F/60C	CONCEALED IN-CEILING FLAT PLATE, Q-CX RESPONSE 4.3m x 4.3m (14'1" x 14'1") COVERAGE	CENTRAL/TYPE SERIES 475 (73531)	CONSULT ARCH. FOR FINISH

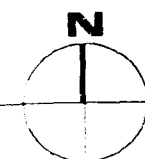


TYPICAL ARMOVER DETAILS



FIRE PROTECTION FLOOR PLAN

SCALE 1/8" = 1'-0"



OFFICE OF
CITY OF MIAMI BEACH
ATTENTION: PERMITS DIVISION
THE FOLLOWING:

MIGUEL LANDE
MECHANICAL ENGINEER
F.L.C.E. NO. 41907-ER
MIAMI, FL 33137
TEL: (305) 510-8448

DATE: 11/15/05
DRAWN BY: dtdos
CHECKED BY: [Signature]

insight design
ARCHITECTURE & INTERIORS
1925 N.W. 17TH AVENUE
MIAMI, FL 33135
PHONE: 305.440.0030 FAX: 305.440.0038

SHEET NO. 021747
DATE: 06-16-05
SCALE: AS NOTED
SHEET: F0.2

insight design

FIRE PROTECTION
FLOOR PLAN
AND DETAILS

WORK
Atlantic Center
119 Washington Avenue, 4th Floor
Miami Beach, Florida

B0505197

119 WASHINGTON AVE

B0505197

OFFICE COPY
CITY OF MIAMI BEACH
APPROVED FOR PERMITS
THE FOLLOWING:
BUILDING: _____
ZONING: _____
DRIHPB: _____
CONCURRENCY: _____
PLUMBING: _____
ELECTRICAL: _____
MECHANICAL: _____
FIRE/PAVE: _____
ENGINEERING: _____
PUBLIC WORKS: _____
STRUCTURAL: _____
ACCESSIBILITY: _____
ELEVATOR: _____
As per Florida Code
REVIEWED FOR: _____

Form Number 2005-0718-1055-1343
Contact Name MR LUIS TORRES
Contact Phone 7861277-3320
Folio SP-2003-003-1000
Project Name ATLANTIC CENTER INT OFFICE
Date Received 07/18/2005
Reviewer Name CRISTINA PEREZQUEZ

568 105 44