Part Three: Contractor Affic	davit: T	o be Subr	nitte	d at the	Time o	of CO	CC:	Maria harring higher the saming high and and and	
	m the	Qualifier	/ going		Contra		under bed in pe	contract ermit above	with
I certify that the total contract valueis \$		g all change	orde	rs and all p	ermit rev	visions	under PE	RMIT NUN	MBER
I understand that at the time _ Certificate of Occupancy (CO) or of Beach Building Department verificate G702" Application for Payment at Certificate of Completion (CC) is st	Certificate ation of comproved	of Complet onstruction of at the time	tion (Cost. 7 the a	CC), I will be the City will be continuous for the	e required in the country of the cou	ed to s the mo ertificat	ubmit to est currer e of Occ	the City of nt "AIA Doc cupancy (C	Miami ument
At that time, the Owner is responsable on the construction cost a permit fee based on the final const by the Owner, Architect and Corapproved at the time the application submitted to the Building Department.	nd/ or sq ruction co tractor of n for the	uare footag est including n the most	e sub gene curre	mitted with ral condition nt "AIA Do	n the ori ns and/o ocument	iginal p or final s G702"	ermit ap square fo Applica	plication and otage as co tion for Pa	nd the ertified syment
Notes:									
The City of Miami Beach reservanter the issuance of CO.	es the ri	ght to requ	iest (	706 Cont	ractor's	Affida	vit of De	ebts and C	Claims
If a G702 has not been used for accept alternate evidence of the which evidence must be satisfadiscretion.	e final co	nstruction	cost	(for exam	ple fina	l state	ment, fin	nal invoice	etc)
Signature of Qualifier / Contractor									
STATE OF FLORIDA  Sworn to and subscribed day  20, by:				NTY OF DA	DE				
[ ] Personally known to me:	[]	or Procured Id	lentific	ation					
Type of Identification:									
[ ] DID TAKE OATH		DID NOT TAK							

Signature of Notary Public

OWNER:

Cabi 301 Commercial, LLLP

11950 W. Country Club Drive, Suite 900 Aventura, Florida 33180

ARCHITECT OF RECORD:

# Dynamica Group, LLC.

1101 Brickell Avenue, Suite 1401N Miami, Florida 33131 305.376.8889 tel 305.397.1208 fax dynamicagrp.com

Certificate of Authorization #AA26001418
Project #: **0822.00** 

MEP+FP ENGINEER:

## PGI GROUP, INC.

1201 Brickell Avenue, Suite 450A. Miami, Florida 33131 305.374.1995 tel 305.374.1996 fax

Certificate of Authorization # 27569

# INTERIOR REMODELING AND BUILDOUT Alteration Level II No demolition work

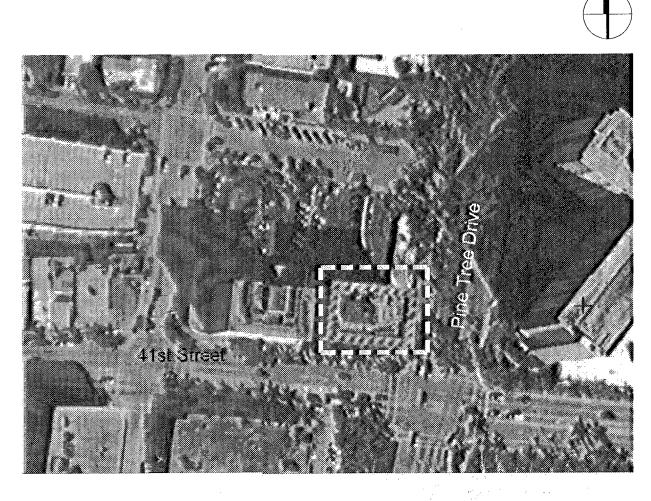
Florida Building Code 2004 (Existing Building)

Florida Fire Prevention Code 2004

NFPA 101 Life Safety Code, 2003 Edition

PERMIT SET 06.02.2008

NOTICE: In addition to the requirement of this permit, there may be additional restrictions applicable to this property that may be found in the Fublic Records of this County and there may be additional permits required from other government entities such as water management's districts, after City of Miami Beach assumes no responsibility for accuracy of or results from these plans which are approved subject to compliance with a rederal, State, and Local Laws, Fiules, and Regulations.



**KEY PLAN** 

SIGNATURE / DATE /

JUN 0 3 2008

William A. Lai, AIA Registered Architect State of Florida #AR93531

JOB COPY

JOB COPY

CITY OF MIAMI BEACH

APPROVED FOR PERMIT BY

THE FOLLOWANG:

ZONING:

DREATIFE:

Box03583

ZONING:

DRBHPB:

CNCURRENCY:

PLUMBING:

ELECTRICAL:

MECHANICAL:

ENGINEERING:

PUBLIC WORKS:

STRUCTURAL:

DERMI PLAN REVIEW FINAL APPROVAL

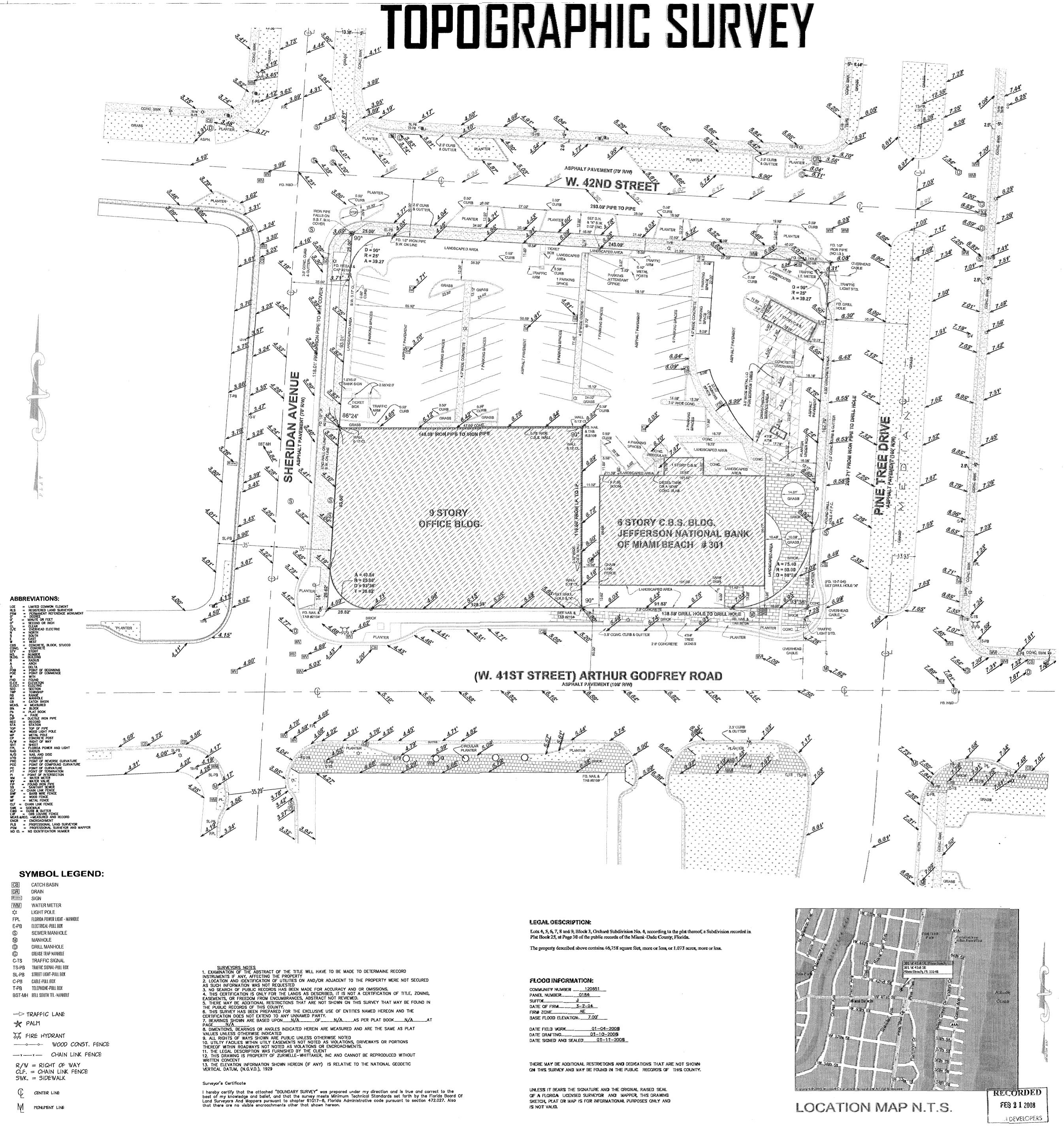
DEPARTMENT OF ENVIRONMENTA RESOURCES MANAGEMENT

SIGNATURE MARIA TUR

DATE 6/1

Cover

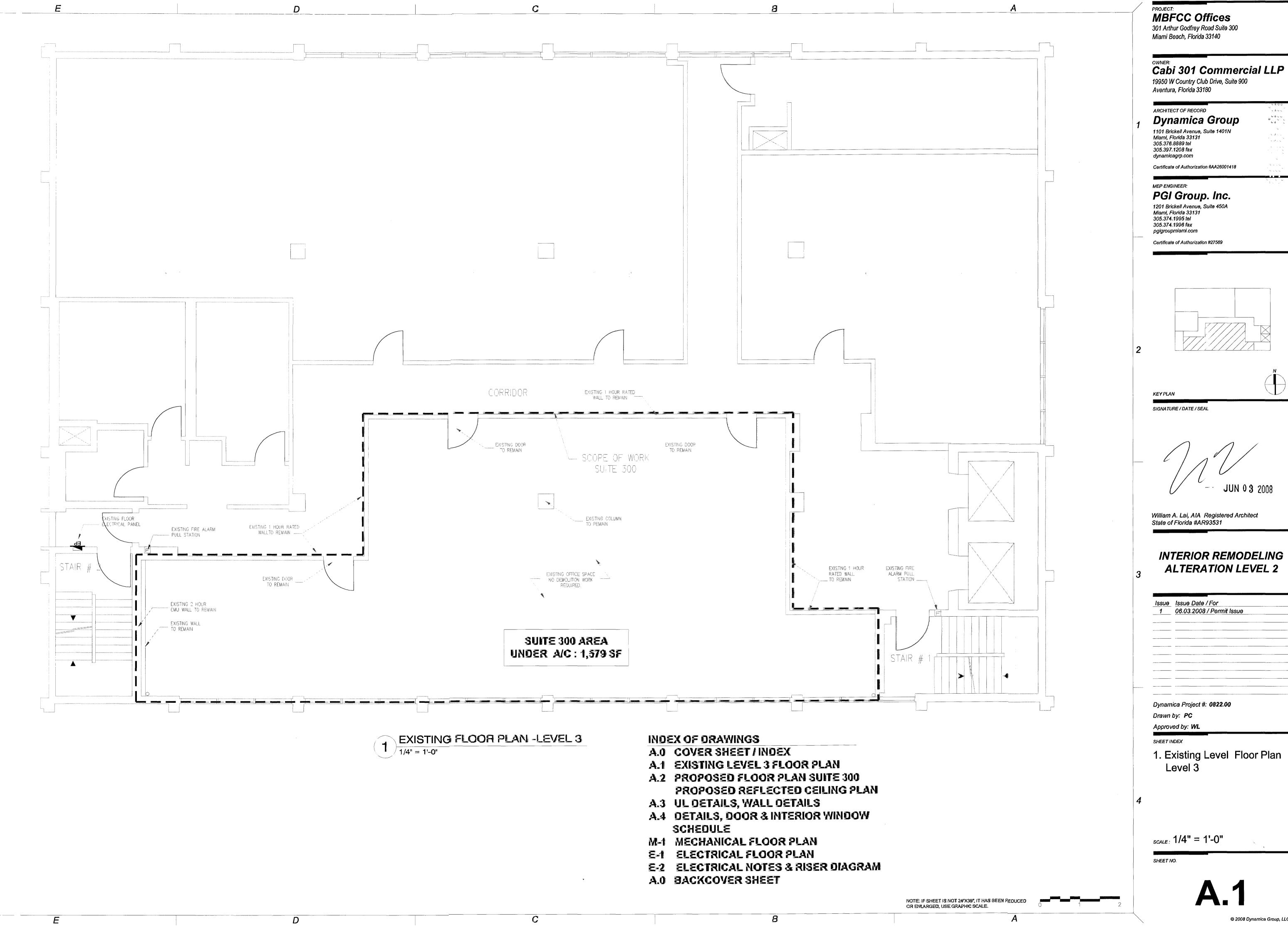
Derm Number: 2008-0612-1409-2249
Contact Name: MR DAMIAN GALLO
Contact Phone: (305)522-5215
Folio: 02-3222-001-0370
Project Name: CITY NATIONAL BANK OF FLOR
Date Received: 06/10/2008
Reviewer Name: MARIA TUR



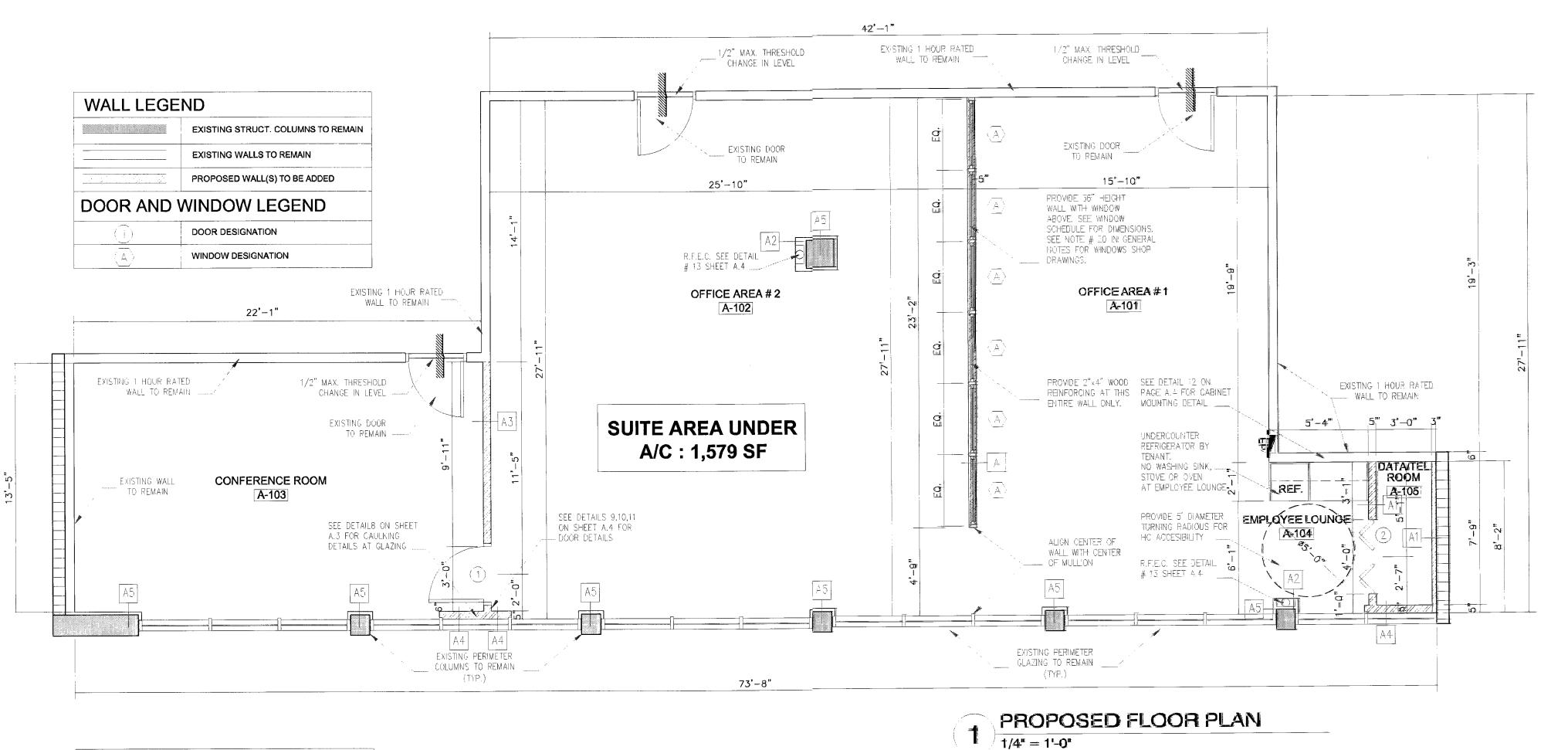
ROLL No. FIELD BOOK: DATE: 07-31-2007

DRAWN: LAM REV.: EAM REVISIONS

03-30-2000 02-20-2001 01-11-2006 SHEET No. 1 OF 1



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**CEILING HEIGHT LEGEND** NEW 8'-9" FIN. CLG. A.F.F. EXISTING 12'-0" FIN CELG. A.F.F. **CEILING MATERIAL LEGEND** 42'-1" 2'-0" x 2'-0" CEILING TILE 15"-10" EXPOSED CONCRETE SLAB 25'-10" CEILING SYMBOL LEGEND 2'-0" x 4'-0" FLOURESCENT LIGHTING SURFACE MOUNTED LIGHT SUPPLY VENT RETURN VENT SMOKE DETECTOR ELECTRICAL PANEL OFFICE AREA #1 OFFICE AREA # 2 A-101 A-102 22'-2" CONFERENCE ROOM A-103 ROOM A-105 EMPLOYEE LOUNGE A-104

73'-8**"** 

PROPOSED REFLECTED CEILING PLAN

NOTE: IF SHEET IS NOT 24"X36", IT HAS BEEN REDUCED OR ENLARGED, USE GRAPHIC SCALE.

**MBFCC Offices** 

301 Arthur Godfrey Road Suite 300 Miami Beach, Florida 33140

Cabi 301 Commercial LLP 19950 W Country Club Drive, Suite 900

ARCHITECT OF RECORD

Dynamica Group 1101 Brickell Avenue, Suite 1401N Miami, Florida 33131

Aventura, Florida 33180

305.376.8889 tel 305.397.1208 fax dynamicagrp.com

Certificate of Authorization #AA26001418

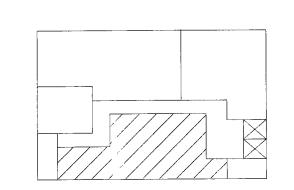
MEP ENGINEER: PGI Group. Inc.

1201 Brickell Avenue, Suite 450A Miami, Florida 33131 305.374.1995 tel

Certificate of Authorization #27569

305.374.1996 fax

pgigroupmiami.com



KEY PLAN

SIGNATURE / DATE / SEAL

William A. Lai, AIA Registered Architect State of Florida #AR93531

> INTERIOR REMODELING **ALTERATION LEVEL 2**

Issue	Issue Date / For
1	06.03.2008 / Permit Issue

Dynamica Project #: 0822.00 Drawn by: PC

Approved by: WL

SHEET INDEX

Suite 300

1. Proposed Floor Plan

2. Proposed Reflected Ceiling Plan

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

SHEET NO.

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LEVEL 2 ALTERATIONS:

FBC (E) 304.

SCOPE:

System:

**BUILDING CODES:** 

**GENERAL NOTES:** 

Level 2 alterations include the reconfiguration of space, the addition

of any system, or the installation of additional equipment.

or elimination of any door or window, the reconfiguration or extension

The scope of work is Architectural, Mechanical, Electrical and Fire

new flooring. No Structural work involved. No fire protection work

1. ALL WORK SHALL CONFORM WITH THE LATEST VERSION OF THE FLORIDA BUILDING CODE (FBC), OSHA, NFPA, INDUSTRY STANDARDS, MANUFACTURER'S SPECIFICATIONS, ZONING, AND ANY OTHER APPLICABLE LOCAL ORDINANCES.

2. THE FOLLOWING DRAWING AND DIMENSIONS ARE APPROXIMATE AND WERE DRAWN TO BE

AS ACCURATE AS POSSIBLE FROM THE EXISITING CONDITIONS. IT IS THE RESPONSIBILITY OF

THE CONTRACTOR TO FIELD VERIFY ANY DIMENSIONS WHICH NEED TO BE REFERENCED. DYNAMICA GROUP, LLC SHALL NOT BE RESPONSIBLE FOR MISINTERPRETATIONS OF THE

3. CONTRACTOR SHALL VISIT THE SITE AND REVIEW EXISTING CONDITIONS AND THE SCOPE OF THE WORK PRIOR TO CONSTRUCTION CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS

AND EXISTING FIELD CONDITIONS PRIOR TO CONSTRUCTION. DO NOT SCALE THE DRAWINGS.

IN THE EVENT OF CONFLICT, DISCREPANCIES, OR AMBIGUITIES IN THE CONSTRUCTION

DOCUMENTS: THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY IN WRITING

4. ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH GOOD CONSTRUCTION

PRACTICE AND IN A PROFESSIONAL AND SAFE MANNER AT ALL TIMES. THE CONTRACTOR IS

RESPONSIBLE FOR ALL SHORING AND BRACING TO ENSURE SAFE WORKING CONDITIONS AT

DEMOLISHED AND RECONSTRUCTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE

5. THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL HOLD HARMLESS THE OWNER, ARCHITECT, AND HIS ENGINEERS/CONSULTANTS FOR ANY PERSONAL INJURY OR DAMAGE TO THE JOB AND/OR TO ADJACENT PROPERTIES, AND FOR WORK NOT PROPERLY

NECESSARY PRECAUTIONS TO PROTECT PROPERTY, FURNISHINGS, AND EQUIPMENT IN

SHALL BE STORED IN SUCH MANNER TO PROTECT THEM FROM ANY DAMAGE OR THE

9L THE CONTRACTOR SHALL COORDINATE ALL TRADES AND WORK INCLUDING THE

10. ALL PROPOSED SUBSTITUTIONS, DESIGN ALTERNATIVES, OR CHANGES BY THE

REQUIREMENTS NOT SHOWN ON THE CONSTRUCTION DOCUMENTS.

EXPRESSED WRITTEN CONSENT OF THE ARCHITECT IS PROHIBITED.

14. ALL INTERIOR FINISHES AND PAINT COLORS BY OWNER, LLC.

19. HEIGHTS ON R.C.P. ARE FROMIT.O.S. TO FINISHED CEILING.

17. LIGHT FIXTURE SELECTIONS BY OWNER.

LOCATED AS DIMENSIONED ON PLANS

AREAS WHERE THE WORK IS BEING DONE, AND SHALL BE RESPONSIBLE FOR ANY DAMAGES CAUSED TO EXISTING SPACES, FURNISHINGS, AND EQUIPMENT DUE TO THE CONSTRUCTION

7. ALL MATERIALS FURNISHED FOR THE WORK SHALL, BE NEW AND FREE FROM DEFECTS, AND

8. AFTER COMPLETION OF THE WORK THE CONTRACTOR SHALL LEAVE THE JOB SITE CLEAN

AND FREE OF DEBRIS. SPLATTERS AND SMEARS SHALL BE REMOVED FROM THE SURFACES

ARCHITECTURAL, MECHANICAL, ELECTRICAL AND FIRE ALARM CONSTRUCTION DOCUMENTS, AND SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, AND THE LOCATION AND SIZES OF ALL CHASES, INSERTS, OPENINGS, SLEEVES, FINISHES, DEPRESSIONS, AND OTHER PROJECT

CONTRATOR SHALL BE REVIEWED AND APPROVED BY THE ARCHITECT / ENGINEER PRIOR TO

12. THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS MUST HAVE PROPER EVIDENCE

THE AWARD OF CONTRACT, OR PRIOR TO ANY PERTINENT WORK TO THE SUBSTITUTION,

11. THE CONTRACTOR SHALL PAY FOR ALL APPLICABLE BOND, IMPACT, PERMIT, SHOP

DRAWING REVIEW, AND RE-INSPECTION FEES AND ANY APPLICABLE TAX AND/OR SALES

OF LIABILITY INSURANCE, LOCAL AND/OR STATE LICENSES UNLESS OTHERWISE NOTED.

13. THESE DRAWINGS ARE INSTRUMENTS OF CONSTRUCTION AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT. ANY REPRODUCTIONS OF SAID DRAWINGS WITHOUT THE

15. DOOR PANEL, FRAME & HARDWARE STYLES, AND FINISHES SELECTION BY OWNER.

18. LIGHT FIXTURES NOT DIMENSIONED ON PLANS SHALL BE CENTERED IN THE ROOM.

LIGHT FIXTURES, A/C DIFFUSERS, SMOKE DETECTORS SHALL BE CENTERED IN HALLS OR

201. THE FOLLOWING SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITE FOR DESIGN

SHOP DRAWINGS SHALL BE SUBMITTED BY CONTRACTOR PRIOR ORDER OF THE WORK.

CONFORMANCE ONLY: INTERIOR WINDOWS/GLASS PARTITION ABOVE 36" WALL.

16. CEILING, FLOORING AND BASEBOARD FINISHES SELECTION BY OWNER.

6. GENERAL CONSTRUCTION METHODS, PROCEDURES, AND SEQUENCES ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL THEREFORE TAKE THE

ALL TIMES. ANY WORK DEEMED TO BE DEFECTIVE SHALL BE REJECTED AND SHALL BE

Alarm only and includes proposed new interior walls, new ceiling,

involved as existing building does not have Fire Sprinkler

FLORIDA BUILDING CODE 2004 (Existing Building)

2004 Florida Fire Prevention Code and

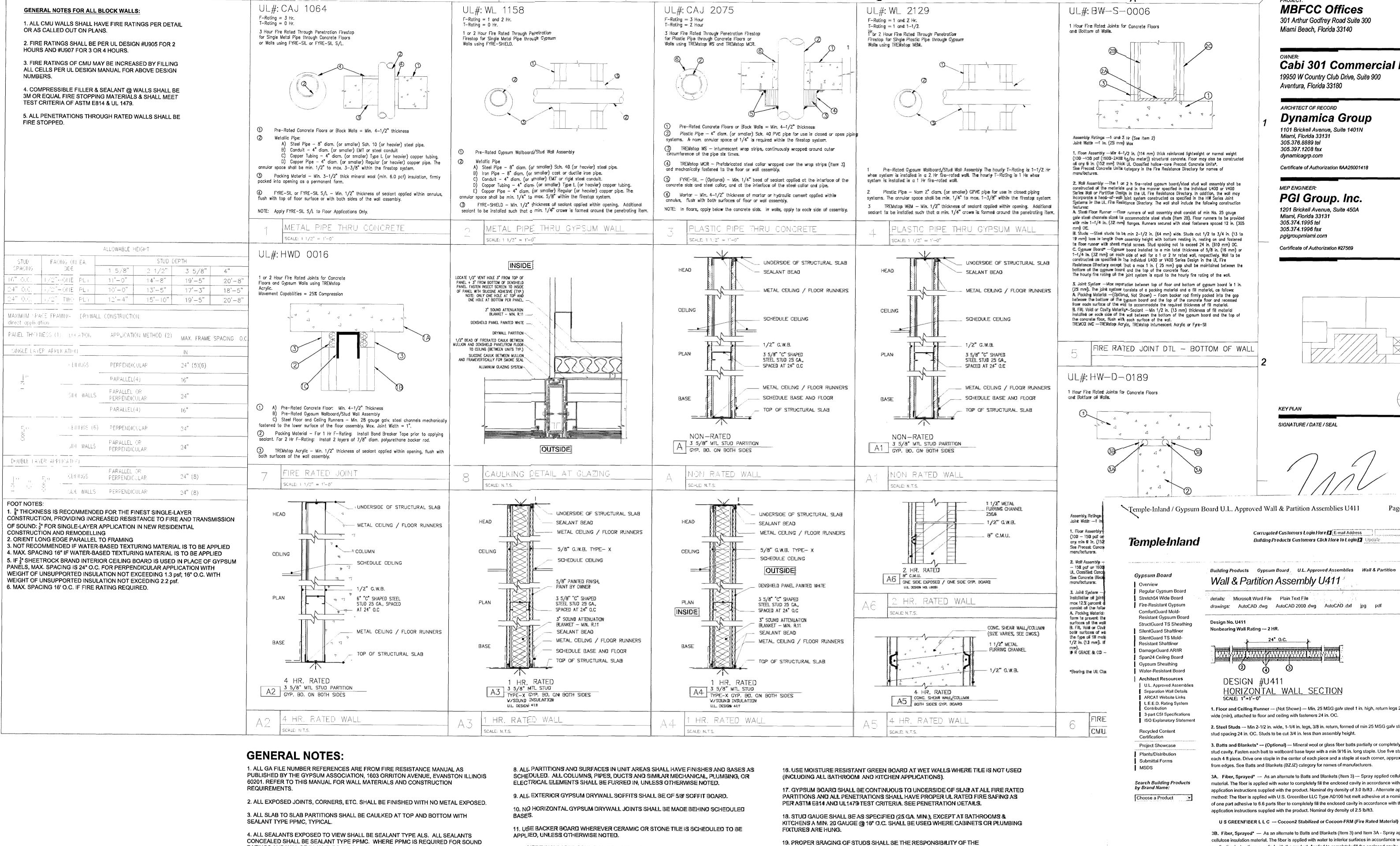
DIMENSIONS OR ANY ALTERATIONS THEREAFTER.

OF THE BUILDING, FURNISHINGS, AND EQUIPMENT.

DESIGN ALTERNATIVE, OR CHANGE

PRIOR TO PROCEEDING WITH THE WORK

NFPA 101 Life Safety Code, 2003 edition).



RATINGS AND WILL BE IN AN EXPOSED LOCATION, TOP WITH BEAD OF ALS.

5. ALL OPENINGS FOR ACCESSORIES SHALL BE FRAMED WITH METAL STUDS AND TRIMMED WITH "J" CLIPS.

6. AT WALL MOUNTED CABINETS, ACCESSORIES, AND TOILET PARTITIONS, PROVIDE GAUGE AS REQUIRED BUT NO LESS THAN 20 GAUGE METAL BACK UP PLATES ANCHORED TO STUDS.

7. DECREASE STUD SPACING AND/OR INCREASE STUD SIZES WHEN VERTICAL SPANS EXCEED MANUFACTURER'S LIMITING HEIGHT FOR 1/240 DEFLECTION. WHEN SCHEDULED PARTITIONS ARE DIMENSIONED WIDER THAN DETAILS, LARGER STUDS SHALL BE USED. PARTITION THICKNESS MAY NOT BE CHANGED WITHOUT THE ARCHITECT'S APPROVAL.

12. WHERE INSULATED SOUND BLANKET IS SHOWN IN A PARTITION WITHOUT A.G.A. (GYPSUM ASSOCIATION) FILE NUMBER, PROVIDE 1 1/2" MINERAL FIBER, 3.0 PCF. STAPLED TO BOARD IN STUD SPACE.

13. WHERE 2 HR CONCRETE MASONRY UNIT WALLS ARE REQUIRED, PROVIDE THE FOLLOWING UL ASSEMBLES: 6' CMU-USO6 8' CMU USO5.

14. WHERE TILE BACKER BOARD IS USED, STUDS SHALL BE 20 GAUGE @ 16" O.C. TILE

15. AT FIRE RATED PARTITIONS, TILE BACKER BOARD SHALL BE FIRE RATED.

BACKER BOARD SHALL BE USED AT ALL WALL TILE AND MARBLE APPLICATIONS.

SUB-CONTRACTOR INSTALLING THEM.

20. AT ALL FIRE RATED WALLS, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE PROPER CONSTRUCTION WITH U.L. DESIGN CRITERIA.

21. ALL DEMISING PARTITIONS SHALL HAVE MIN. R11 INSULATION VALUE

22. INTERIOR FRAMING LIMITING HEIGHT AS PER ASTM C754.

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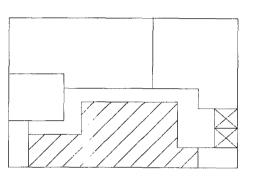
Cabi 301 Commercial LLP

Dynamica Group 1101 Brickell Avenue, Suite 1401N

Certificate of Authorization #AA26001418

1201 Brickell Avenue, Suite 450A

Certificate of Authorization #27569



Page 1 of 3

drawings: AutoCAD .dwg AutoCAD 2000 .dwg AutoCAD .dxf jpg pdf

1. Floor and Ceiling Runner — (Not Shown) — Min. 25 MSG galv steel 1 in. high, return legs 2-1/2 in. wide (min), attached to floor and ceiling with fasteners 24 in. OC.

2. Steel Studs — Min 2-1/2 in. wide, 1-1/4 in. legs, 3/8 in. return, formed of min 25 MSG galv steel max

stud spacing 24 in. OC. Studs to be cut 3/4 in. less than assembly height. 3. Batts and Blankets\* — (Optional) — Mineral wool or glass fiber batts partially or completely filling stud cavity. Fasten each batt to wallboard base layer with a min 9/16 in. long staple. Use five staples for each 4 ft piece. Drive one staple in the center of each piece and a staple at each corner, approx 3 in.

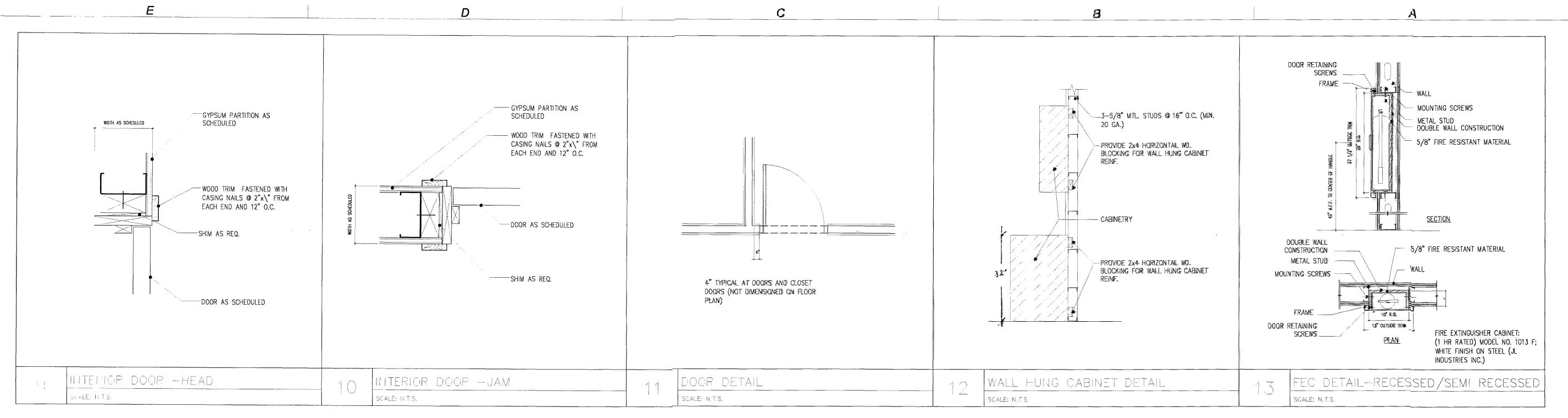
3A. Fiber, Sprayed\* — As an alternate to Batts and Blankets (Item 3) — Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. Nominal dry density of 3.0 lb/ft3. Alternate application method: The fiber is applied with U.S. Greenfiber LLC Type AD100 hot melt adhesive at a nominal ratio of one part adhesive to 6.6 parts fiber to completely fill the enclosed cavity in accordance with the

3B. Fiber, Sprayed\* — As an alternate to Batts and Blankets (Item 3) and Item 3A - Spray applied cellulose insulation material. The fiber is applied with water to interior surfaces in accordance with the application instructions supplied with the product. Applied to completely fill the enclosed cavity. Minimum dry density of 4.3 pounds per cubic ft.

NU-WOOL CO INC - Cellulose Insulation

4. Gypsum Board\* - 5/8 in. thick, outer layer paper or vinyl surfaced. (Laminated System) Wallboard applied vertically in two layers. Inner layer attached to studs with 1 in. long Type S steel screws spaced 8 in. OC along vertical edges, and 12 in. OC in the field and outer layer laminated to inner layer with joint compound, applied with a notched spreader producing continuous beads of compound about 3/8 in. in diameter, spaced not greater than 2 in. OC. Joints of laminated outer layer offset 12 in. from inner layer joints Outer layer wallboard attached to floor and ceiling runner track with 1-5/8 in. long Type S steel screws spaced 12 in. OC. Optional, (Direct Attached System), Inner layer attached to studs with 1 in. long Type S steel screws spaced 16 in. OC in the field and along the vertical edges. Outer layer

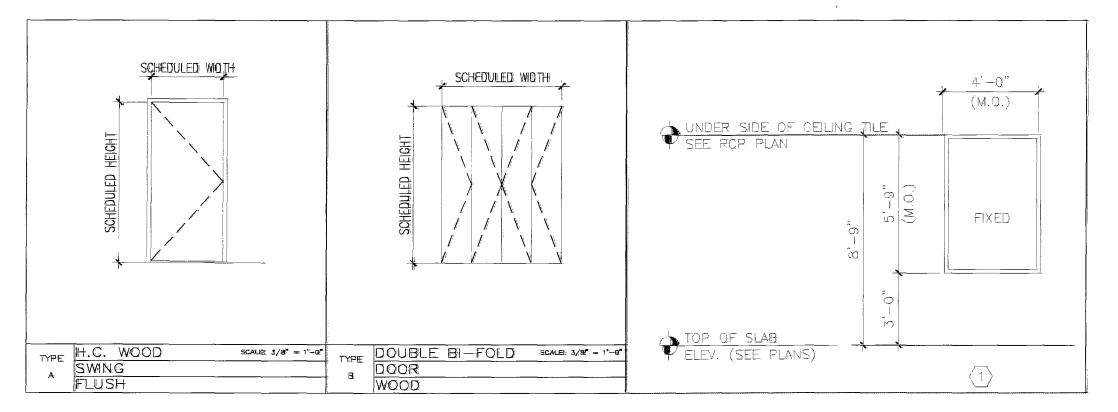
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								DOOR	SCHE	EDULE					
NQ.	O. TYPE	DOOR SIZE			CORE	E MATERIAL	FIRE	FRAMES		THRESHOLD		CLOSER	HARDWARE	DEMARKS	
1712.		PNL	H	W	THK.	S	H DOOR	RATING	TYPE	MATERIAL	TYPE	MATERIAL		TIANDWANE	
]	A	]	7'-0"	2'-10"	1 3/8"	0	MC DD.	N/A	A	WOOD	_	_		A	CONFERENCE DOOR
7	В	1	7'-0"	4'-0"	1 3/8"		D WC DD	N/A	В	WOOD		_		B.	TEL DATA ROOM

DOOR PANEL AND FRAME STYLES AND FINISH SELECTIONS BY OWNER CONTRACTOR SHALL MATCH NEW DOORS TO EXISTING DOOR HEIGHTS.

HARDWARE: A. CONFERENCE ROOM WITH TURN LOCK B. CLOSET DOOR HANDLE - NO LOCK / CATCH IN DOOR FRAME FOR POSITIVE



PROJECT: MBFCC Offices 301 Arthur Godfrey Road Suite 300 Miami Beach, Florida 33140

> Cabi 301 Commercial LLP 19950 W Country Club Drive, Suite 900

ARCHITECT OF RECORD Dynamica Group

Aventura, Florida 33180

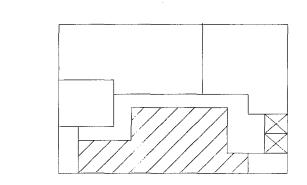
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MEP ENGINEER: PGI Group. Inc. 1201 Brickell Avenue, Suite 450A Miami, Florida 33131 305.374.1995 tel 305.374.1996 fax

Certificate of Authorization #27569

pgigroupmiami.com



KEY PLAN

SIGNATURE / DATE / SEAL

JUN v 3 2008

William A. Lai, AIA Registered Architect State of Florida #AR93531

INTERIOR REMODELING **ALTERATION LEVEL 2** 

Issue 1	Issue Date / For 06.03.2008 / Permit Issue

Dynamica Project #: 0822.00

Drawn by: PC

Approved by: WL

SHEET INDEX

Suite 300 **Details** 

Window and Door Schedule

SCALE: N.T.S.

SHEET NO.

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NOTE: IF SHEET IS NOT 24"X36", IT HAS BEEN REDUCED OR ENLARGED, USE GRAPHIC SCALE.

B

4 10 PCD 200 CFM ③ 10<sup>™</sup> PCD 250 CFM 6) 8X6 CD 100 CFM HVAC DESIGN RECURES: YE8

(1) 22x22 PCR

2) 12's PCD

3 6 PCD 100 CFM

NO DUCT SMCKE DETECTOR FIRE CAMPER(S) SMOKE DAMPER(S) FIRE RATED ENCLOSURE FIRE RATED ROOF/FLOOR CEILING ASSEMBLY FIRE STOPPING SMCKE CONTROL

MECHANICAL FLOOR PLAN

## A/C GENERAL NOTES (METAL)

A. SUBMIT MANUFACTURER'S DATA AND SHOP DRAWINGS ON ALL A/C EQUIPMENT AND DUCTWORK FOR REVIEW BEFORE INSTALLATION.

INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND LANDLORD'S TYPICAL DETAIL AND MINIMUM SPECIFICATIONS.

ALL DIMENSIONS AND ACTUAL CONSTRUCTION CONDITIONS MUST BE VERIFIED AT THE JOB SITE.

CONTRACTOR SHALL COORDINATE ALL HIS WORK WITH OTHER TRADES

AND FIELD CONDITIONS. CONTRACTOR, PRIOR TO SUBMITTING HIS BID PRICE, SHALL VISIT THE SITE, FAMILIARIZE HIMSELF WITH ALL FIELD CONDITIONS. AND SHALL OBTAIN ALL REQUIRED INFORMATION NECESSARY TO COMPLETE THE JOB. ANY DISCREPANCIES BETWEEN WHAT IS SHOWN ON THE DRAWINGS AND ACTUAL WORK REQUIRED TO COMPLETE THE JOB SHALL BE TAKEN

INTO ACCOUNT IN THE BID PRICE. CONTRACTOR PROCURE THE SERVICES OF AN INDEPENDENT BALANCE AND TESTING AGENCY, TO BE APPROVED BY THE ENGINEER, WHICH SPECIALIZES SOLELY IN THE BALANCING AND TESTING OF HEATING, VENTILATING, AIR CONDITIONING, TO TEST & BALANCE ENTIRE HVAC SYSTEMS. FINAL AIR QUANTITIES TO BE 5% OF DESIGN REQUIREMENTS.

2. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE FOLLOWING CODES

AND STANDARDS:

A. ALL APPLICABLE BUILDING CODES NFPA - 90A AIR CONDITIONING AND VENTILATION

NFPA - 91 BLOWER AND EXHAUST SYSTEMS ASHRAE GUIDE - EQUIPMENT, SYSTEM AND APPLICATIONS

SMACNA - LOW VELOCITY DUCT CONSTRUCTION NFPA-101 SAFETY TO LIFE FROM FIRE IN BUILDINGS

MATERIALS:

A. DUCTWORK:

ALL DUCTWORK SHALL BE GALVANIZED SHEET METAL. DUCTWORK TO BE INSULATED WITH 2" THICK, 1 POUND DENSITY FIBERGLASS INSULATION WITH EXTERIOR FOIL FACE VAPOR BARRIER FASTEN WITH FLARE TYPE STAPLES ON 1" ON CENTER ALONG OVERLAP. SEAL ALL JOINTS, STAPLE HEADS AND SEAMS WITH APPROVED FIRE RESISTANT MASTIC. (R=6 MIN.).

PROVIDE AIR EXTRACTORS IN ALL RECTANGULAR BRANCH TAPS. ROUND BRANCH TAPS SHALL BE MADE WITH "SPIN-IN" TYPE FITTINGS WITH VOLUME DAMPER AND ADAPTER FOR

CONNECTION TO FIBERGLASS DUCT. DUCTWORK INSTALLATION AND FABRICATION SHALL BE DONE IN ACCORDANCE WITH SMACNA STANDARDS.

6. FLEXIBLE DUCTS: DUCT SHALL BE LIGHTWEIGHT CONSTRUCTED WITH CORROSION RESISTANT CORE AND REINFORCED WITH BONDED HELIX. DUCT TO BE INSULATED WITH 2" THICK, 1 LB. FIBERGLASS BLANKET INSULATION WITH ALUMINUM FILM VAPOR BARRIER. DUCT SHALL BE LISTED CLASS 1, U.L. STANDARD 181.

ROUND DUCTS: EXPOSED SHALL BE SPIRAL, DOUBLE WALL INSULATED EQUIVALENT TO UNITED McGILL K-27.

4. INSULATION: A. INSULATE NECK, THROATS AND COLLARDS OF SUPPLY OUTLETS ABOVE CEILING.

HANGERS - 4" AND SMALLER GRINNEL #115.

EQUIPMENT AS SPECIFIED ON SCHEDULE. PROVIDE TURNING VANES IN ALL ELBOWS (EXCEPT ON GREASE DUCTS), AIR EXTRACTORS OR ADJUSTABLE TURNING VANES AT ALL BRANCH TAKEOFFS AND

ALL REQUIRED DAMPERS TO PROPERLY BALANCE THE SYSTEM. CONTRACTOR SHALL VERIFY EXACT LOCATION OF ALL DIFFUSERS, GRILLES,

9. PROVIDE APPROVED FIRE DAMPERS AT ALL PENETRATIONS OF FIRE RATED PARTITIONS, WALLS AND CEILINGS AS REQUIRED BY CODE.

AND REGISTERS WITH INTERIOR DESIGNER'S DRAWINGS.

avb	
dxp dxp	DUCT, SIZE SHOWN IN INCHES
	MANUAL OPERATED DAMPER
भी मी	MOTOR OPERATED DAMPER
	SPLITTER DAMPER
	SQUARE ELBOW W/ TURNING VANES
海红	AIR EXTRACTOR
<b>₩</b>	DUCT TRANSITION
<b>₩</b>	SQ. TO ROUND TRANSITION
~·~~	FLEXIBLE DUCT
	FIRE DAMPER
S/A	SUPPLY AIR
E/A	EXHAUST AIR
VD	VOLUME DAMPER
T	THERMOSTAT

VAV DIFFUSER THERMOSTAT

EXISTING DUCTWORK

12 PERSONS x 20 CFM/PERSON

NEW DUCTWORK

POINT OF CONNECTION FROM NEW TO EXISTING

AIR CONDITIONING LEGEND

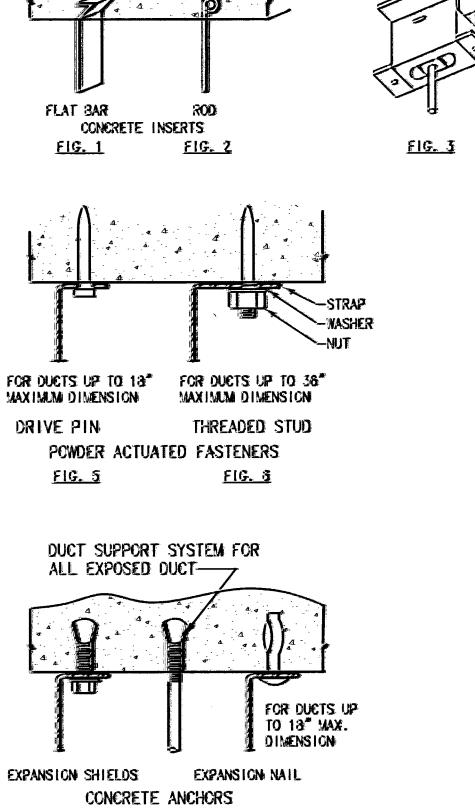
SYMBOL

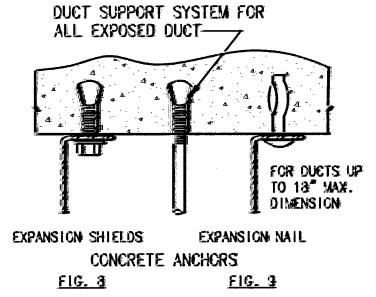
DESCRIPTION

OUTSIDE AIR CALCULATIONS	FOR
OFFICE AS PER FBC-M TABL	E 403.3
NO. OF PEOPLE CFM/PERSON PER ASHRAE 62-2001	= 12 = 20

0/A PROVIDED BY EXISTING CENTRAL AHU = 250 CFM

= 240 CFM





HANGERS FOR DUCTS - UPPER ATTACHMENTS

SYMBOL	MANUFACTURER & MODEL NO.	DESCRIPTION
200	TITUS #PAS	PERFORATED CEILING DIFFUSER WITH ROUND NECK CONNECTION VOLUME DAMPER, MODULE SIZE AS INDICATED TO FIT CEILING CONSTRUCTION SHOWN ON ARCHITECTURAL DRAWINGS. WHERE FOR CEILING WITH REGRESSED TILE, PROVIDE DIFFUSER TO FIT FLUSH WITH BOTTOM OF TILE.
SCS	TITUS #PAR	PERFORATED CEILING RETURN REGISTER/GRILLE, MODULE SIZE AS INDICATED TO FIT CEILING CONSTRUCTION SHOWN ON ARCHITECTURAL DRAWINGS. WHERE FOR CEILING WITH REGRESSED TILE, PROVIDE DIFFUSER TO FIT FLUSH WITH

ALL FINISHED TO SE WHITE BAKED ENAMEL EXCEPT AS OTHERWISE NOTED ABOVE OR AS

SPECIFICALLY SHOWN ON THE DRAWINGS.

AIR DISTRIBUTION SCHEDULE

TITUS ETDER-AA-8 LOUVER FACE CEILING DIFFUSER WITH SR ROUND NECK ADAPTOR, MANUAL VOLUME DAMPER, DROPPED BEVEL FRAME **BUILDING PERMIT** 

Issue_	Issue Date / For
1	05.30.2008 / Permit Issue

301 Arthur Godfrey Road Suite 300

19950 W Country Club Drive, Suite 900

Dynamica Group

1101 Brickell Avenue, Suite 1401

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PGI Group. Inc.

1201 Brickell Avenue, Suite 450a

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KEY PLAN

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Dynamica Project #: 0726.00 Drawn by: WL, PC

Approved by: WL

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Suite 300 Mechanical Floor Plan

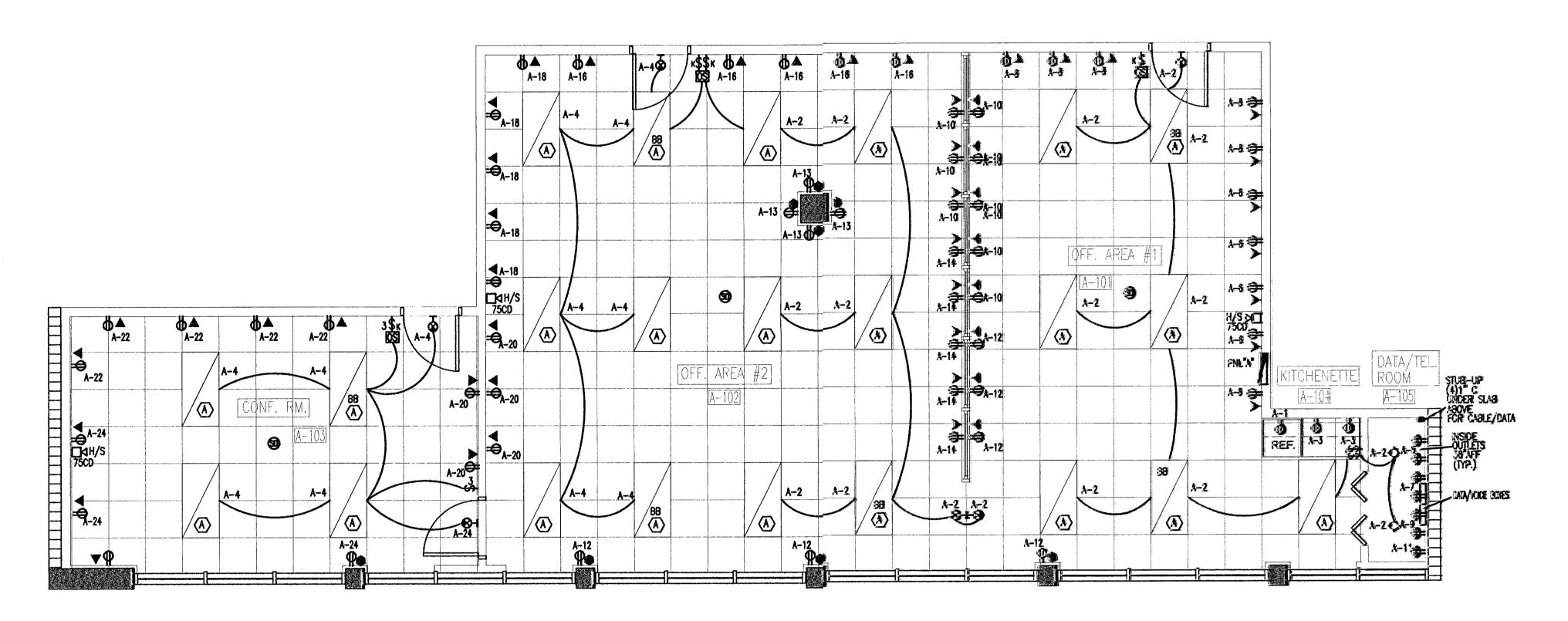
1/4" = 1'-0"

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- ELECTRICAL FLOOR PLAN (1)  $\frac{1}{1/4"} = 1'-0"$ 

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(1) DATA/(1) VOICE COMBOI OUTLET

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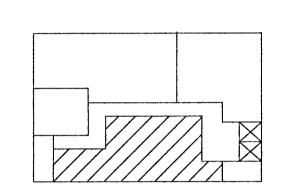
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KEY PLAN

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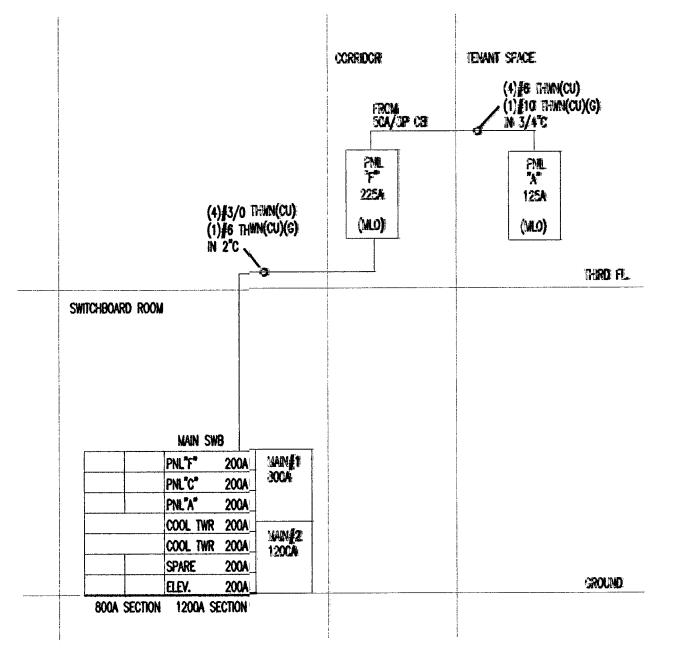
Suite 300 Electrical Floor Plan

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### **GENERAL ELECTRICAL NOTES:**

- 1. ENTIRE INSTALLATION SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, LATEST EDITION (NEC) AND THE
- LATEST EDITIONS OF ALL LOCAL CODES, RULES AND ORDINANCES HAVING JURISDICTION.
- 2. COORDINATE ALL ELECTRICAL SITE WORK WITH GENERAL CONTRACTOR. 3. ALL ELECTRICAL EQUIPMENT, DEVICES, WIRE, ETC., SHALL BE LISTED, FOR THE INTENDED USE, WITH UNDERWRITER'S
- LABORATORY, INC. (U.L.) WHERE STANDARDS HAVE BEEN ESTABLISHED BY U.L.
- 4. ELECTRICAL CONTRACTOR SHALL NOT SCALE DRAWINGS. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR EXACT LOCATIONS OF ALL EQUIPMENT UNLESS NOTED OTHERWISE.
- 5, IT SHALL BE UNDERSTOOD THAT ALL WORK PERFORMED SHALL BE DONE BY A LICENSED ELECTRICAL CONTRACTOR AND IN A FIRST-CLASS WORKMANLIKE MANNER. SAID CONTRACTOR SHALL MEET ALL REQUIREMENTS SET FORTH BY ANY LOCAL ORDINANCE AND GOVERNING AUTHORITIES.
- 6. IT SHALL NOT BE THE INTENT OF THESE PLANS AND/OR SPECIFICATION TO SHOW EVERY MINOR DETAIL OF CONSTRUCTION. THE ELECTRICAL CONTRACTOR SHALL BE EXPECTED TO FURNISH AND INSTALL ALL ITEMS FOR A COMPLETE ELECTRICAL SYSTEM AND PROVIDE ALL REQUIREMENTS NECESSARY FOR EQUIPMENT TO BE PLACED IN PROPER WORKING ORDER. 7. MAINTAIN AS-BUILTS ON A DAILY BASIS. SUBMIT 3 COPIES TO ARCHITECT 5 WORKING DAYS PRIOR TO ANY REQUIRED
- INSPECTIONS. 8. PROVIDE 6 SETS OF SHOP DRAWINGS FOR APPROVAL. NO EQUIPMENT TO BE ORDERED BEFORE SHOP DRAWINGS ARE
- 9. POWER TO BE ON CONTINUOUSLY 5 WEEK PRIOR TO COMPLETING PROJECT.
- 10.ELECTRICAL CONTRACTOR SHALL VISIT THE JOB SITE AND VERIFY ALL CONDITIONS, LOCATIONS, DIMENSIONS AND COUNTS AS SHOWN AND/OR NOTED ON THE DRAWINGS. THIS SHALL INCLUDE ANY AND ALL FABRICATIONS PRIOR TO INSTALLATION. NOTIFY ENGINEER OF ANY DISCREPANCIES AT ONCE. FAILURE TO DO SO AND CONTRACTOR PRECEDES AT HIS OWN RISK.
- 11. IT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR FOR THE ADVANCED ORDERING OF LONG LEAD ITEMS, AS NOT TO INTERFERE WITH THE PRODUCTION OF OTHER TRADES RESULTING IN ANY DOWN OR LAG TIME.
- 12.IT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO PROVIDE ALL LABOR, MATERIALS AND SUPERVISION NECESSARY TO ACCOMPLISH THE WORK AS SHOWN AND/OR NOTED ON THE DRAWINGS.
- 13.THE ELECTRICAL CONTRACTOR SHALL KEEP ALL AREAS IN WHICH WORK IS BEING PERFORMED, FREE FROM DEBRIS AND UNUSED MATERIALS AT ALL TIMES AND SAID AREAS SHALL BE LEFT BROOM CLEAN AT THE END OF EACH WORKING DAY. AT THE COMPLETION OF THE PROJECT ALL EQUIPMENT, DEVICES AND FIXTURES TO BE CLEANED.
- 14.WHERE CORE DRILLING OF FLOOR/WALLS IS REQUIRED, CONTRACTOR SHALL SEAL OPENINGS WATERTICHT AFTER UTILITIES HAVE BEEN INSTALLED. LOCATION OF CORED HOLES SHALL COORDINATE WITH LOCATION OF EQUIPMENT IN A MANNER TO BE CLEAN AND FUNCTIONAL THE CONTRACTOR SHALL INSTALL ONLY ONE CONDUIT PER HOLE AND SEAL THE OPENING AROUND THE
- CONDUIT AS SPECIFIED. WALL/FLOOR FIRE RATING MUST BE MAINTAINED. 15.ALL ELECTRICAL ELEMENTS TO BE THOROUGHLY PROTECTED FROM DAMAGE AFTER INSTALLATION AND SHALL HAVE TRIM
- INSTALLED AFTER ADJOINING FINISH MATERIALS ARE INSTALLED.
- 16.ELECTRICAL CONTRACTOR TO PROVIDE TEMPORARY POWER FOR ALL TRADES. 17.CONTRACTOR TO REMOVE ALL ABANDONED OR UNUSED WIRING, CONDUIT AND BOXES.
- 18.UNLESS NOTED AS EXISTING, ALL EQUIPMENT, WIRING, DEVICES, ETC. SHALL BE NEW. 19.THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR TO ORIGINAL CONDITIONS ANY AND ALL DAMAGES TO
- BUILDING SURFACES, EQUIPMENT AND FURNISHINGS CAUSED DURING PERFORMANCE OF WORK. 20.ALL CONDUCTORS SHALL BE COPPER, RATED 75 C WET/DRY EXCEPT WHERE OTHERWISE REQUIRED BY U.L. OR CODES, UON. MINIMUM WIRE SIZE SHALL BE #12 AWG EXCLUDING CONTROL WIRING. MORE THAN THREE CURRENT CARRYING CONDUCTORS IN
- A CONDUIT TO BE INSTALLED PER NEC 310(B)(2). 21.ALL CONDUITS, FIXTURES, DEVICES TO HAVE GROUND EXTEND AS PER NEC TABLE 250-122, UON.
- 22.NEUTRAL NOT TO BE SHARED, UON.
- 23.NO ELECTRICAL CIRCUITS OR WIRING FROM ADJACENT SPACES TO BE USED IN THIS PROJECT. 24.ALL CONDUIT RUNS ARE SHOWN DIAGRAMMATICALLY. EXACT ROUTING SHALL BE DETERMINED IN THE FIELD, UNLESS OTHERWISE
- NOTED (UON). 25.ALL DISCONNÉCT SWITCHES SHALL BE SIZED BY NEC TO ACCOMMODATE EQUIPMENT SERVED, INCLUDING REQUIRED FUSES, UON.
- SWITCHES SHALL BE HORSE POWER RATED AND SIZED FOR 1/2 MAX. HORSEPOWER, HEAVY DUTY TYPE.
- 26.ALL ELECTRICAL EQUIPMENT SHALL BE RAIN TIGHT (NEWA 3R, UON) WHERE EXPOSED TO THE WEATHER. ALL FLEX CONDUITS CONNECTED TO SUCH EQUIPMENT SHALL BE LIQUID TIGHT.
- 27.WIRE WAYS SHALL BE SIZED AS REQUIRED, PER NEC, UNLESS OTHERWISE NOTED (UON). 28.FOR UNDERGROUND ELECTRICAL CONDUITS, PROVIDE PULL BOXES, SUCH THAT NO SINGLE CONDUIT RUN HAS BENDS IN EXCESS
- OF 360. PULL BOXES SHALL BE SUITABLE AND APPROVED FOR THE INTENDED USE. WARNING TAPE WHICH SAYS "WARNING BURIED ELECTRIC" SHALL BE PLACED IN TRENCHES ABOVE ALL UNDERGROUND ELECTRIC CONDUITS. WHERE CONDUITS PASS UNDERNEATH PAVED AREAS. THEY SHALL BE RGS. WHERE UNDERGROUND CONDUITS ARE NOT EXPOSED TO MECHANICAL
- DAMAGE OR ARE NOT UNDER PAVED AREAS, THEY SHALL BE SCHEDULE 40 PVC. ALL CONDUIT RISERS SHALL BE RGS. 29.ALL LOW VOLTAGE CABLING AND SYSTEM ARE THE RESPONSIBILITY OF THE VENDOR THAT IS PROVIDING THE SYSTEM INCLUDING
- 30.FOR TELEPHONE SYSTEM: (A) PROVIDE GROUNDING FOR ALL TELEPHONE OUTLETS AND EQUIPMENT PER REQUIREMENTS OF TELEPHONE COMPANY. (B) VERIFY LOCATION OF TELEPHONE SERVICE WITH TELEPHONE COMPANY, PRIOR TO SUBMITTING BID. (C) ALL CABLES INSIDE THE SPACE TO BE HOME RUN TO MAIN DISTRIBUTION LOCATION.
- 31.MAINTAIN A MINIMUM OF 48" IN FRONT OF ALL ELECTRICAL EQUIPMENT. PRIOR TO INSTALLING ANY EQUIPMENT COORDINATE with other trades to insure that clearances are maintained.
- 32.ALL CIRCUIT BREAKERS SHALL BE INVERSE TIME TYPE (THERMAL MAGNETIC). TWO AND THREE POLE CIRCUIT BREAKERS SHALL BE COMMON TRIP. NO TIE HANDLES PERMITTED.
- 33.ALL FUSES TO BE CURRENT LIMITING AT SERVICE ENTRANCE. ALL OTHER FUSES ACCORDING TO MANUFACTURER
- SPECIFICATIONS. 34.ALL CONDUCTORS SHALL BE IN CONDUITS, ALL CONDUITS SHALL BE EMT. INTERMEDIATE (IMC) OR RIGID GALVANIZED STEEL (RGS) EXCEPT THAT: (A) POLY VINYL CHLORIDE (PVC) CONDUITS MAY BE USED IN CONCRETE SLABS AND UNDERGROUND PROVIDED ELBOWS AND RISERS ARE RGS; (B) ELECTRICAL NON-METALLIC TUBING (ENT) MAY BE USED IN OR ON WALLS OR CEILINGS WHERE NOT SUBJECT TO MECHANICAL DAMAGE, DAMP CONDITIONS OR CORROSIVE CONDITIONS; (C) LIQUID TIGHT FLEXIBLE CONDUIT WHERE REQUIRED, (D) FLEXIBLE METALLIC CONDUIT WHERE REQUIRED IN DRY LOCATIONS, ALL CONDUITS IN
- HAZARDOUS AREAS PER NEC SHALL MEET THE REQUIREMENTS OF NEC CHAPTER 5. 35.PROVIDE LAMPS WITH FIXTURES, VERIFY LAMP TYPE WITH MANUFACTURER. CONTRACTOR TO RELAMP ALL EXISTING FIXTURES. ALL RECESSED LIGHT FIXTURES IN CONTACT WITH INSULATION SHALL BE RATED FOR SUCH USE.
- 36.COORDINATE ELECTRIC SERVICE WITH POWER COMPANY. 37.COORDINATE CABLE, TV. VOICE AND DATA REQUIREMENTS WITH OWNER TO MEET THEIR REQUIREMENTS. ELECTRICAL
- CONTRACTOR TO PROVIDE AND INSTALL POWER, DATA AND VOICE TO ALL EQUIPMENT MENTIONED OR NOT AND SYSTEMS 38.ALL DEVICES TO MATCH BUILDING STANDARD OR BE DECORA SERIES.
- 39.TYPICAL LIGHT SWITCHES TO BE AT 42" A.F.F. TYPICAL ELECTRICAL RECEPTACLE TO BE 18" A.F.F. ALL SWITCHES TO BE CANGED WITH CONTINUOUS FACE PLATES. ALL DEVICES THAT ARE ADJACENT TO BE SPACES 6" O.C.
- 40.CONTRACTOR TO BALANCE LOADS IN ALL PHASES AND PROVIDE NEW PANEL SCHEDULES IDENTIFYING ALL CIRCUITS IN PANEL 41,ELECTRICAL CONTRACTOR SHALL VERIFY CIRCUIT PROTECTIVE DEVICE RATING FOR EQUIPMENT PRIOR TO CONSTRUCTION.
- COORDINATE ALL EQUIPMENT LOAD AND PROTECTION WITH NAMEPLATE DATA PRIOR TO INSTALL OR WIRING. 42.ALL EMERGENCY LIGHTS AND EXIT SIGNS TO BE CONNECTED TO UNSWITCHED CIRCUIT SIDE AND HAVE BATTERY BACKUP. 43.METER CANS, HUBS, & LUGS FOR SAME ARE TO BE FURNISHED & INSTALLED BY ELECTRICAL CONTRACTOR, ELECTRICAL
- CONTRACTOR TO VERIFY SPECIFIC TYPE OF METER CAN TO BE USED WITH F.P.L. PRIOR TO BID. 44.VERIFY EXISTING FIRE ALARM HAS SUFFICIENT ROOM FOR EXPANSION AND EQUIPMENT IS STILL READILY AVAILABLE. CONTRACTOR TO PROVIDE COMPLETE SHOP DRAWINGS INCLUDING RISER, CUT SHEETS, BATTERY CALCULATIONS AND ALL OTHER
- 45.SMOKE DETECTORS NOT TO BE LOCATED WITHIN 3 FEET FROM A MECHANICAL DIFFUSER OR REGISTER. 46.ELECTRICAL CONTRACTOR SHALL COORDINATE SERIES RATING OF BREAKERS INTERUPTING CAPACITY.



-F/A VINIMUM REQUIREMENTS FIRE ALARMI CONTRACTOR TO SE RESPONSIBLE TO PROVIDE A FULL FUNCTIONING SYSTEM TO BLOG. F/A SYS.

PARTIAL FIRE ALARM SYSTEM

OCCUPANCY SENSOR NOTES: T. COORDINATE AND VERIFY EXACT PLACEMENT OF ALL OCCUPANCY SENSORS WITH MANUFACTURER PRIOR TO COMMENCEMENT OF WORK. 2. CONTRACTOR SHALL UTILIZE LOW VOLTAGE OCCUPANCY SENSORS WITH REMOTE POWER PACKS AS REQUIRED BY MANUFACTURER CONNECT READY

ELECTRICAL RISER DIAGRAM

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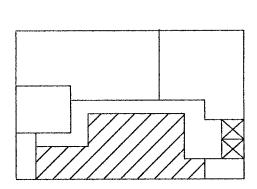
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Suite 300 1. Electrical Notes and

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