

CABI SALES CENTER — 331 W. 41 ST. STREET  
FLORIDA  
INTERIOR DESIGN FINAL SET (11-3-06)

- ID-1.0 FLOORING PLAN
- ID-2.0 FURNITURE PLAN
- ID-3.0 REFLECTED CEILING PLAN
- ID-4.0 ELEVATIONS AND MILLWORK REFERENCE PLAN
- ID-4.1 ELEVATIONS
- ID-4.2 ELEVATIONS
- ID-5.0 FRONT DESK— MILLWORK DETAILS
- ID-5.1 BACK COUNTER— MILLWORK DETAILS
- ID-5.2 BUILDING MODEL— MILLWORK DETAILS
- ID-5.3 BACK LIT DISPLAY— MILLWORK DETAILS
- ID-5.4 BACK LIT DISPLAY— MILLWORK DETAILS
- ID-5.5 MILLWORK DETAILS
- ID-5.6 STORAGE CABINET AND DOORS — MILLWORK DETAILS

**NICK LUACES DESIGN ASSOC.**

INTERIOR & ARCHITECTURAL DESIGN

2801 FLORIDA AVE. SUITE 24 COCONUT GROVE FL. 33133  
PH: (305)529-0015 FAX: (305) 529-0188  
E-MAIL : nluaces@bellsouth.net

48 HOURS PRIOR TO EXCAVATING  
CONTRACTOR SHALL CALL FOR LOCATION  
OF UNDERGROUND UTILITIES  
SUNSHINE ONE-CALL 1-800-332-4770  
CITY OF MIAMI BEACH 305-673-7080

PUBLIC WORKS  
PLAN REVIEW NOTICE  
Phone 305-673-7080 Fax 305-673-7028  
THIS PLAN REVIEW CONSTITUTES APPROVAL FOR  
OBTAINING BUILDING PERMITS ONLY.  
All construction and/or use of equipment in the right-of-way and/or  
easements, requires a separate Public Works Department permit prior  
to start of construction.  
Permit Requirements: Proof of existing sidewalk, aisle area conditions  
(pictures) and or posting at all public right-of-way borders  
(Public Works Inspection #1's, required, may be required prior to  
final sign-off on the C.O. or the release of bonds.)  
Date: 01-17-2007

**OFFICE COPY**  
**CITY OF MIAMI BEACH**

APPROVED FOR PERMIT BY  
THE FOLLOWING:

- BUILDING: 01-17-2007 JAN 22 2007
- ZONING: 01-17-2007
- DRB/HPB: 01-17-2007
- CONCURRENCY: 01-17-2007
- PLUMBING: 01-17-2007
- ELECTRICAL: 01-17-2007
- MECHANICAL: 01-17-2007
- FIRE PREVENTION: 01-17-2007
- ENGINEERING: 01-17-2007
- 2. PUBLIC WORKS: 01-17-2007
- STRUCTURAL: 01-17-2007
- ACCESSIBILITY: 01-17-2007
- ELEVATOR: 01-17-2007

As per Florida Building Code Section 104.5:  
REVIEWED FOR CODE COMPLIANCE

ROAD / FIRE / SCHOOL  
IMPACT FEE NOT REQUIRED  
INTERIOR RENOVATIONS  
JAN 23 2007  
MIAMI-DADE COUNTY  
APPROVED

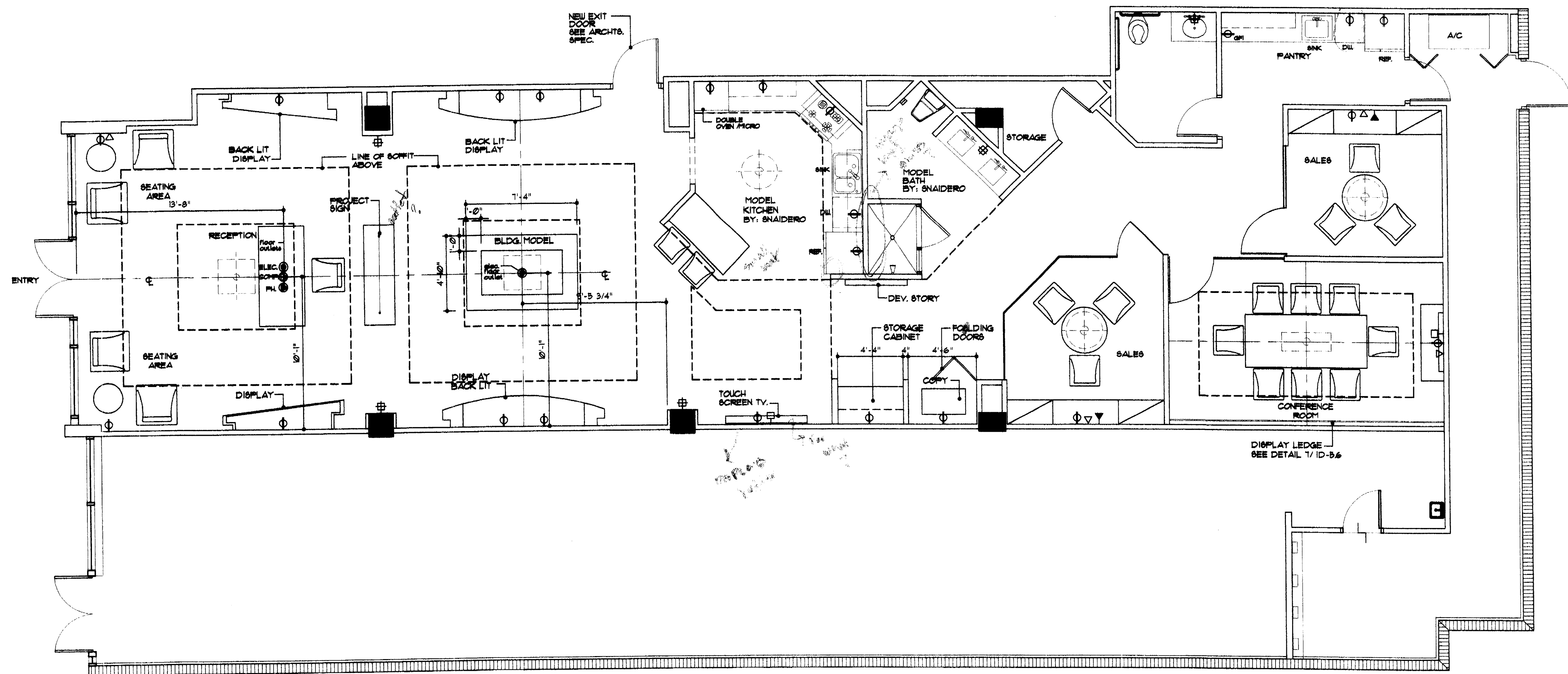


### FLOORING LEGEND

# FLOORING PLAN

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

0-1.0



# LEGEND

- ⊕ DUPLEX OUTLET
- ⊙ FLOOR ELECTRICAL OUTLET
- ⊙ FLOOR PHONE OUTLET
- ⊙ COMP. FLOOR OUTLET
- TV OUTLET
- ▽ PHONE OUTLET
- ▽ COMP. OUTLET

## FURNITURE PLAN

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

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FLORIDA

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FILE:

DATE: 11-3-06

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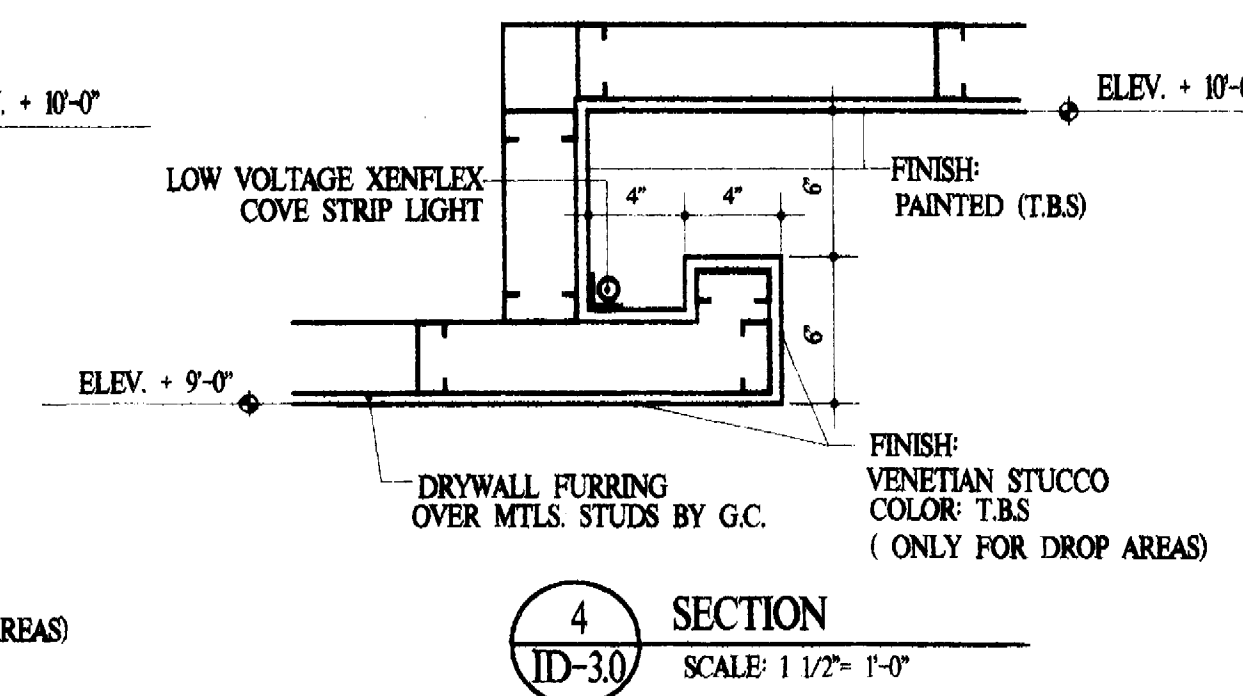
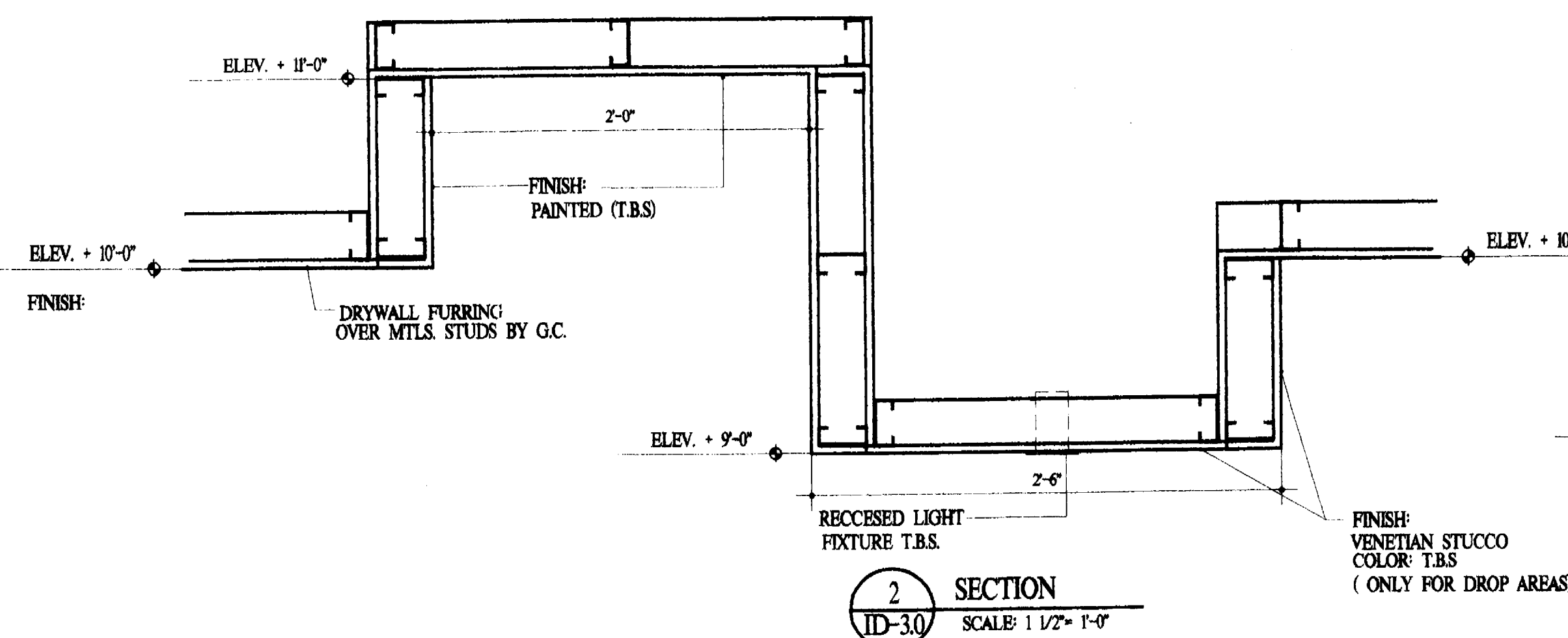
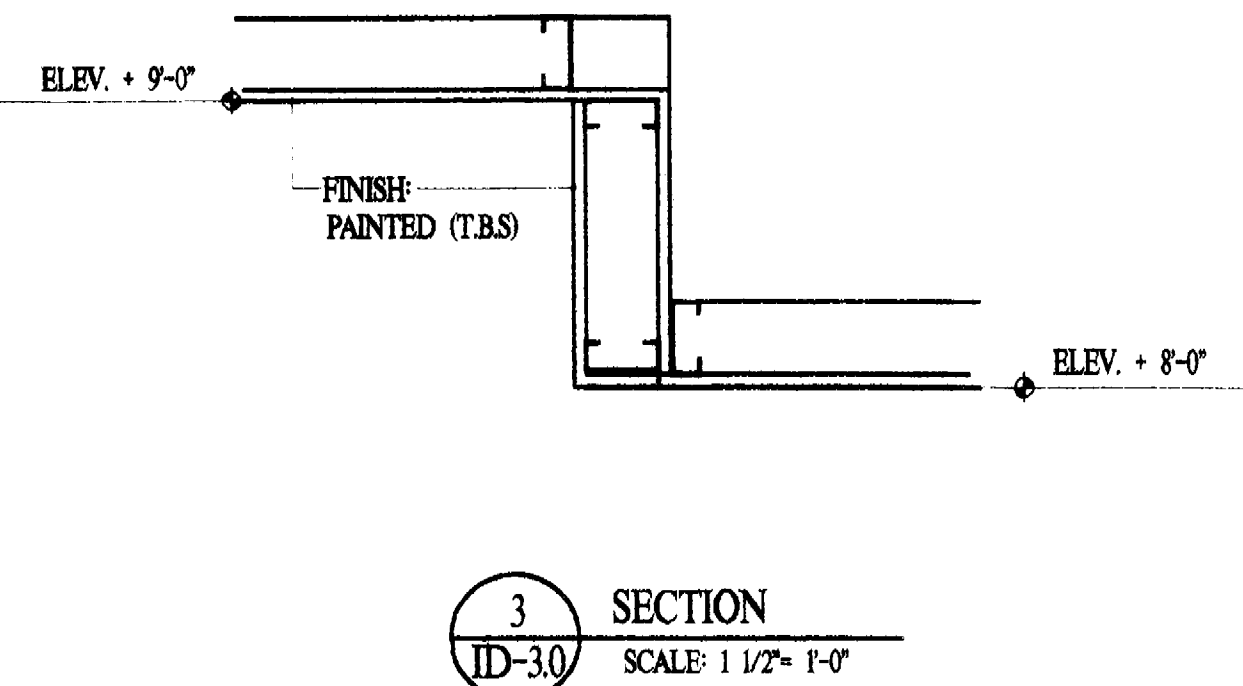
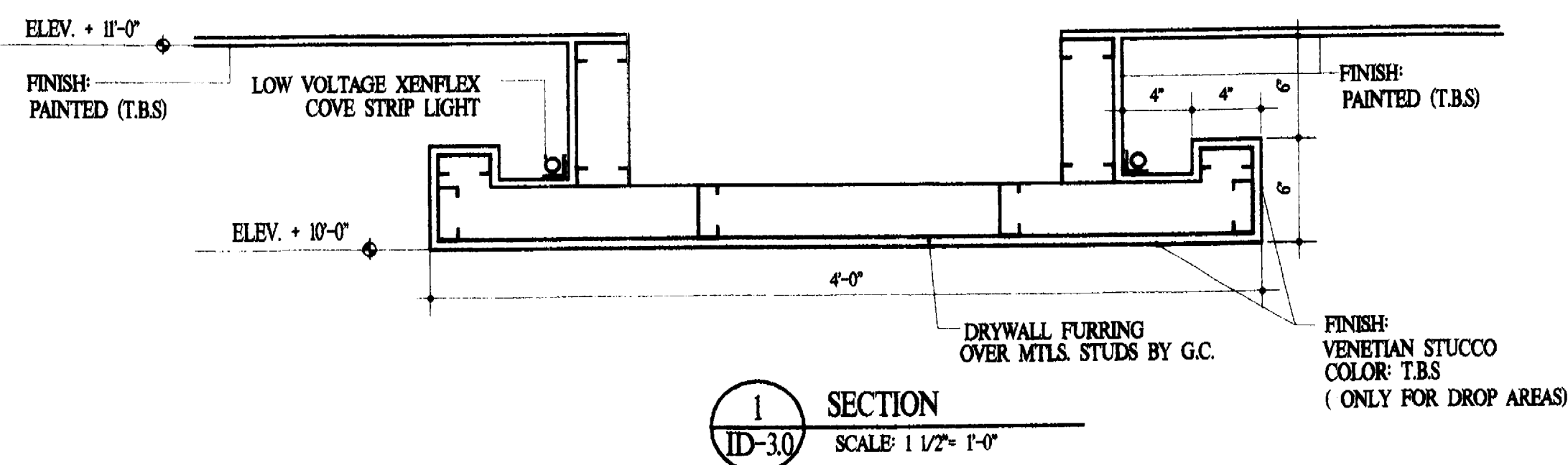
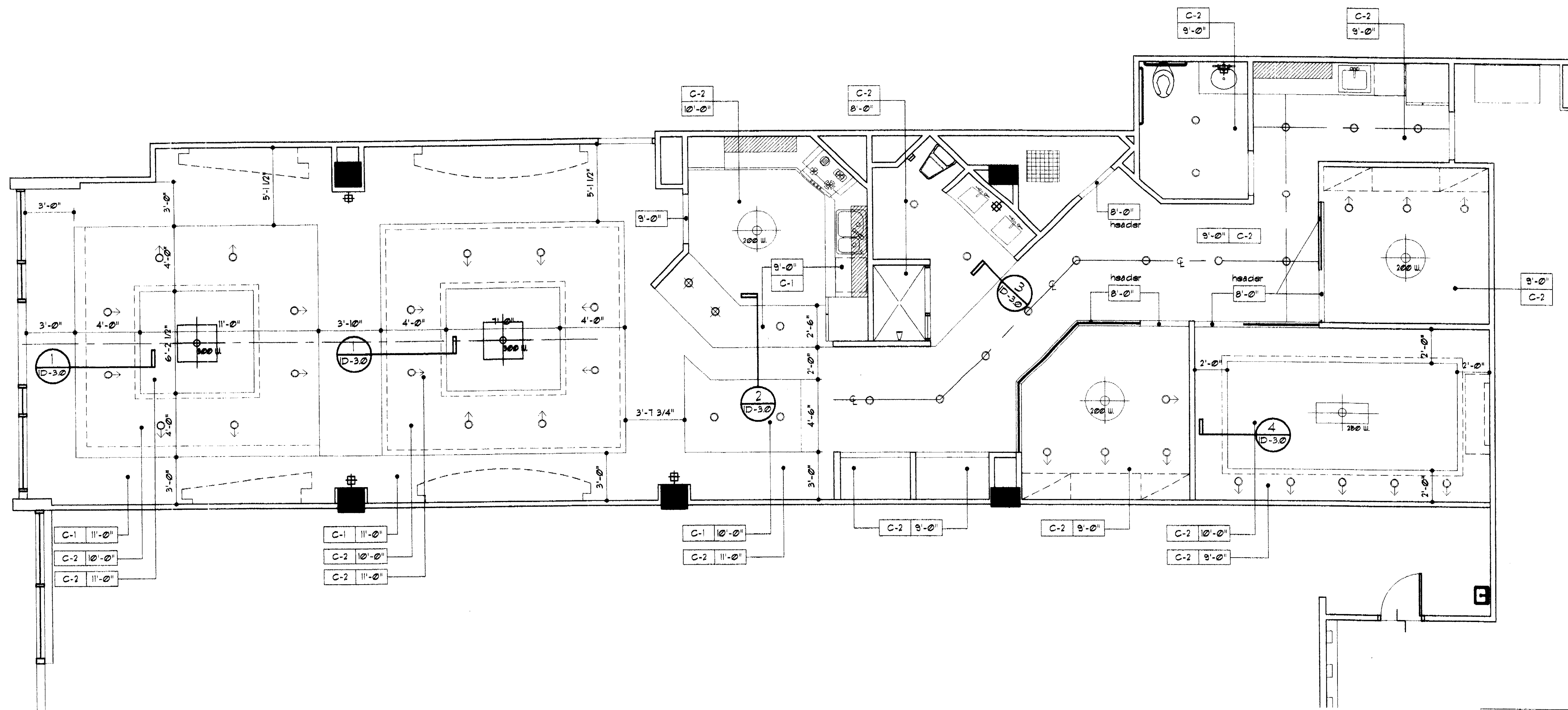
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#### LIGHTING LEGEND

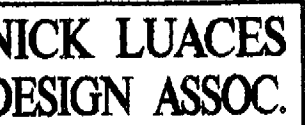
- RECESSED LOW VOLTAGE ADJUSTABLE LIGHT FIXTURE  
30 W MR 16 LAMP, T.B.S.
- RECESSED LOW VOLTAGE LIGHT FIXTURE, 50W MR 16 LAMP, T.B.S.
- LOW VOLTAGE COVE LIGHT (XENOFLEX 3" LAMP SPACING  
XENOX LAMP BY: SPAIR FIRE PH: 800-443-8823)
- ⊕ DECORATIVE CEILING FIXTURE T.B.S. (ALLOW 300 WATTS) PER FIXTURE.
- ⊕ DECORATIVE CEILING FIXTURE T.B.S. (ALLOW 75 WATTS) PER FIXTURE.
- ⊕ DECORATIVE WALL MOUNTED LIGHT FIXTURE T.B.S. (ALLOW 75 W. PER FIXTURE)
- ⊕ 2' X 2' PARABOLIC FLUORESCENT LIGHT FIXTURE T.B.S.

#### CEILING FINISHES

- C-1 VENETIAN STUCCO (TO BE SELECTED)
- C-2 PAINT FINISH (TO BE SELECTED)

## REFLECTED CEILING PLAN

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

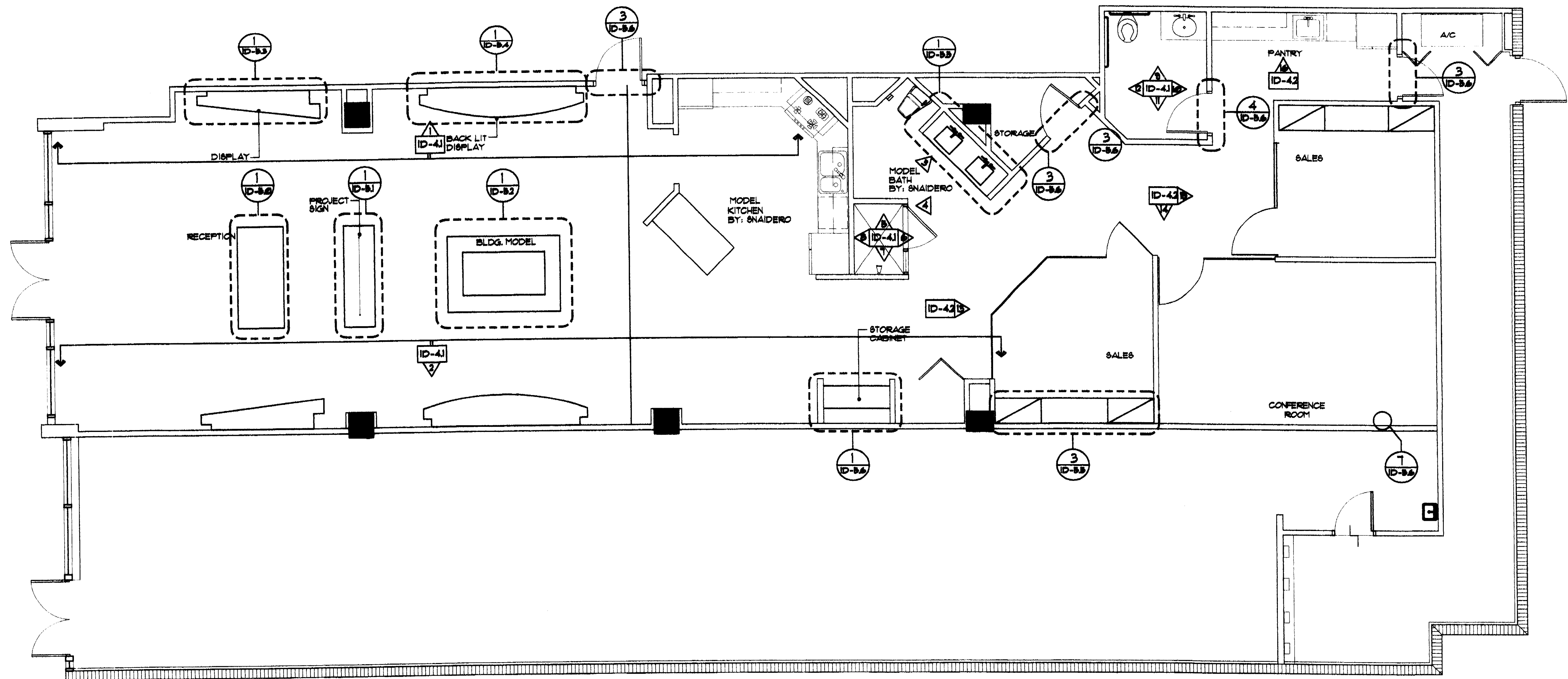


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linluqes@bellsouth.net

**CABI SALES CENTER - 331 W. 41 ST. SIREET**

# FLORIDA



# MILLWORK AND ELEVATIONS REFERENCE PLAN

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

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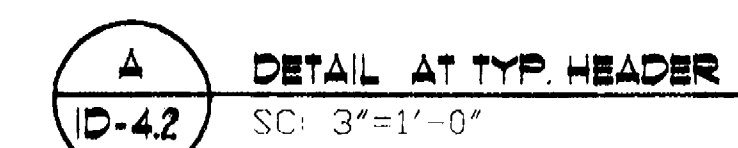
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- 1- FRAMELESS GLAZING MANUF.  
BLUMCRAF OF PITTSBURGH, OR EQUAL 1-412-681-2400 [www.blumcraft.com](http://www.blumcraft.com)  
MODEL: SERIES 1301 - (CLEAR TINTED GLASS- POL18 STAINLESS STEEL HARDWARE)
- 2- COORDINATE ROUGH OPENING WITH GLAZING MANUF. TYP.
- 3- SHOP DRAWINGS SHALL BE SUBMIT FOR REVIEW



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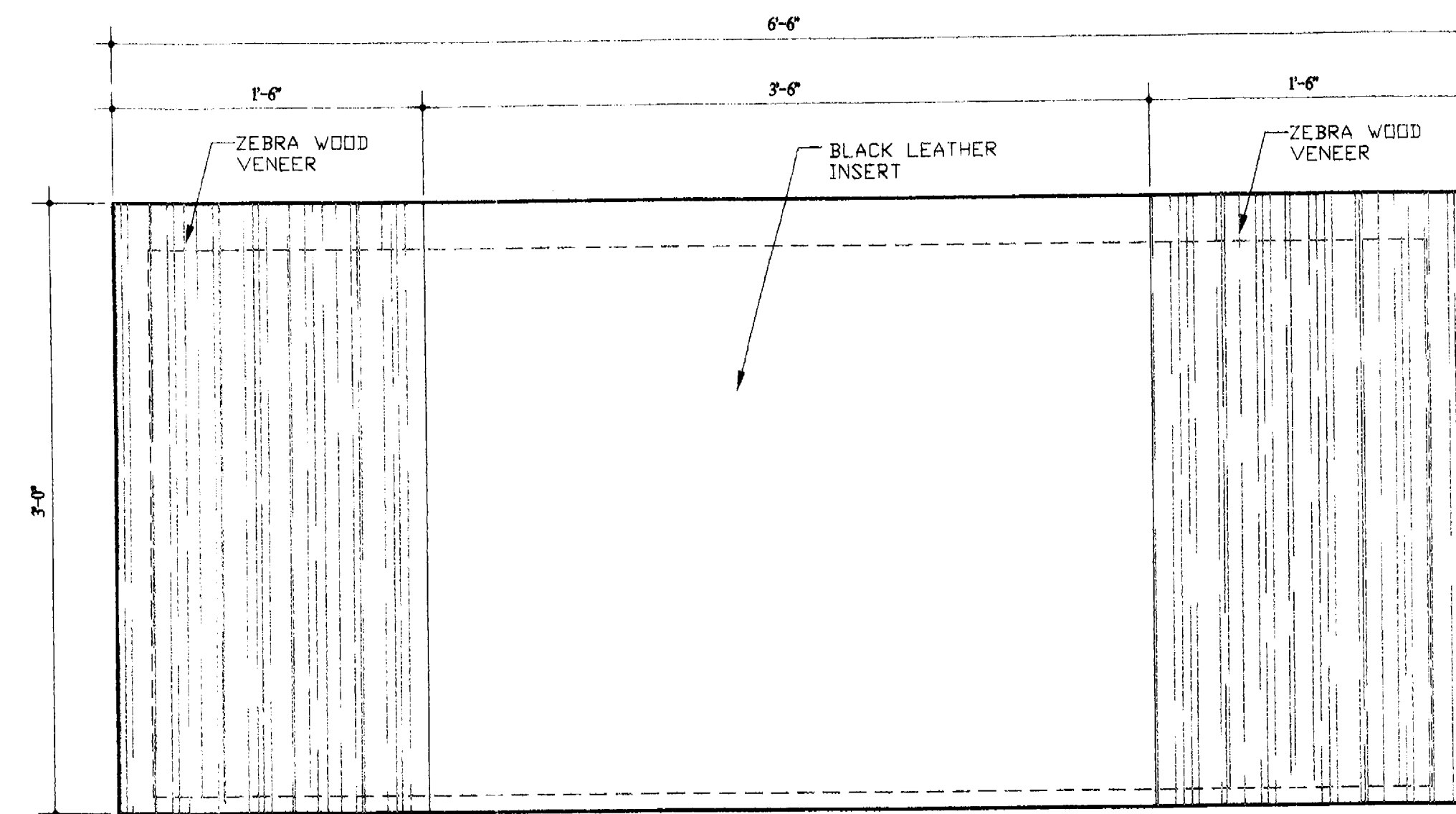
**FLORIDA**

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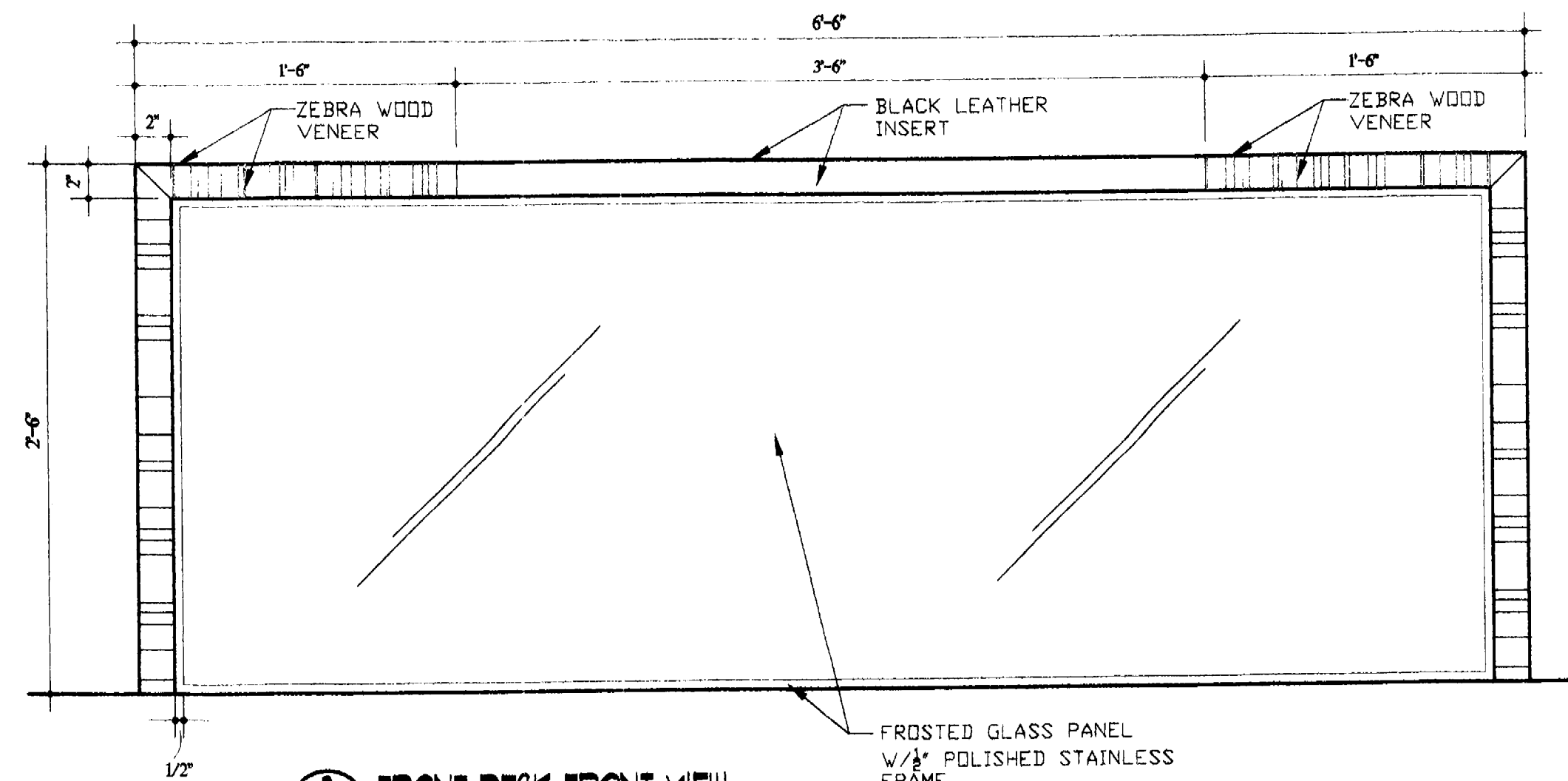
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## ELEVATIONS

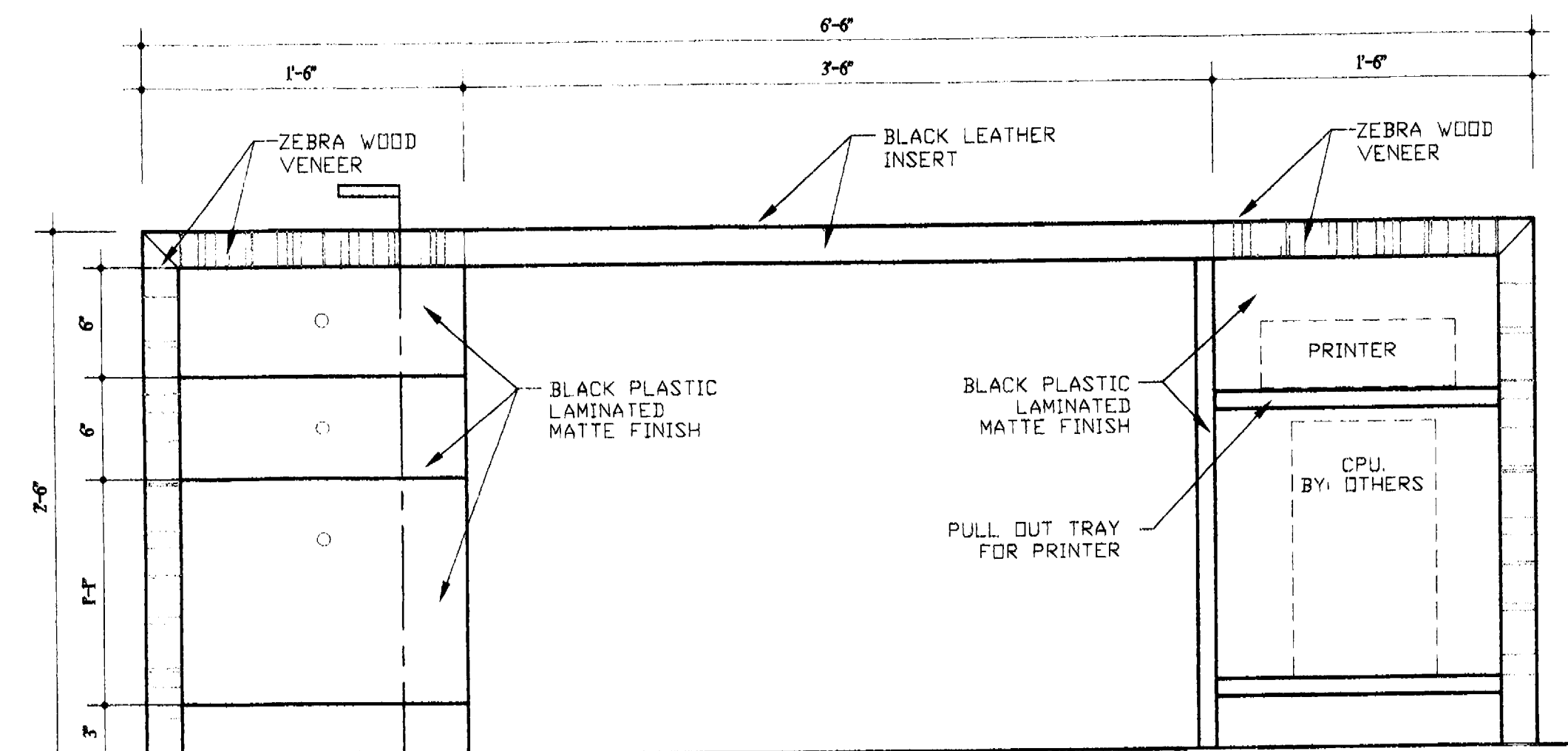
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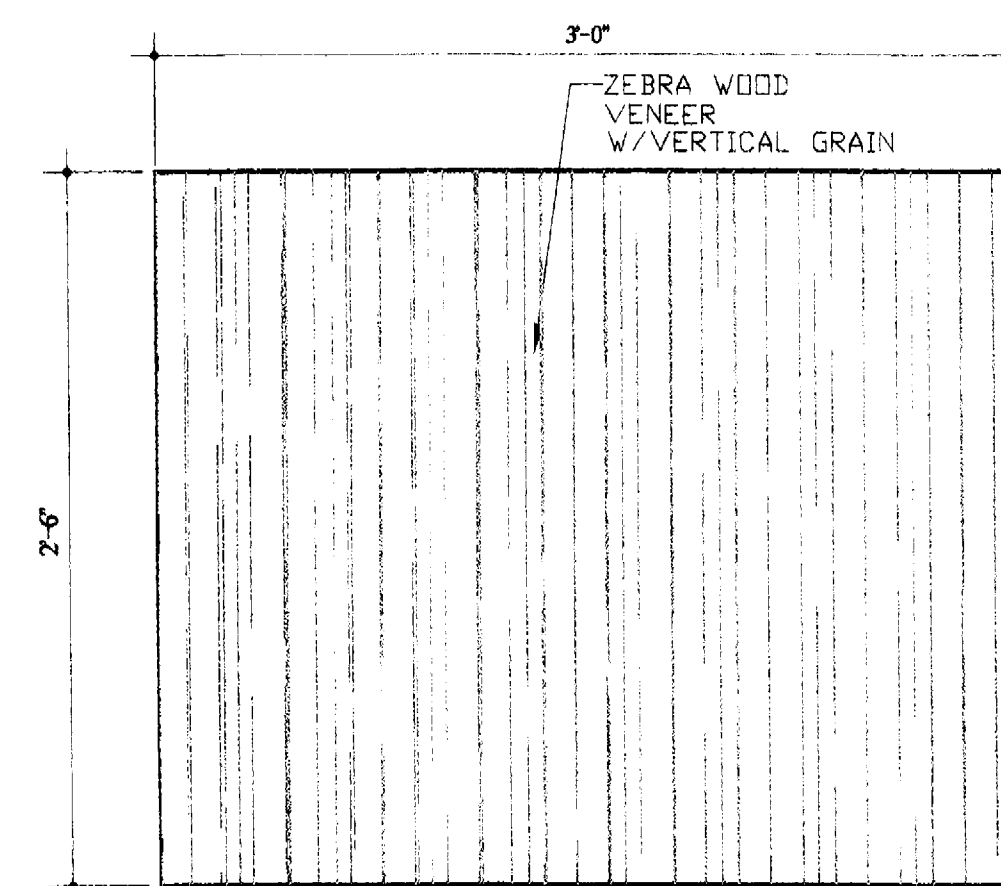
1 FRONT DESK FLOOR PLAN  
SC: 1 1/2" = 1'-0"



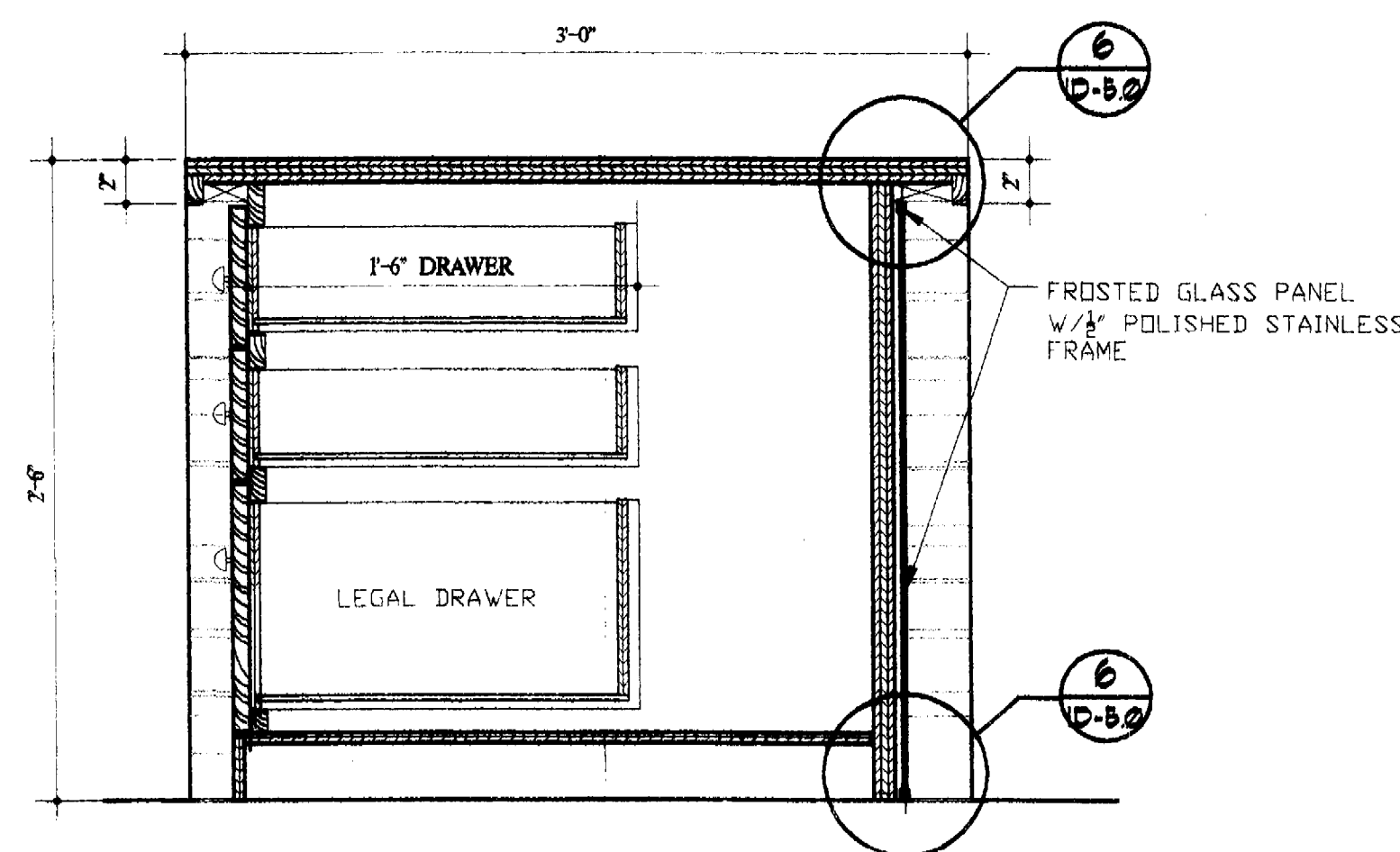
2 FRONT DESK FRONT VIEW  
SC: 1 1/2" = 1'-0"



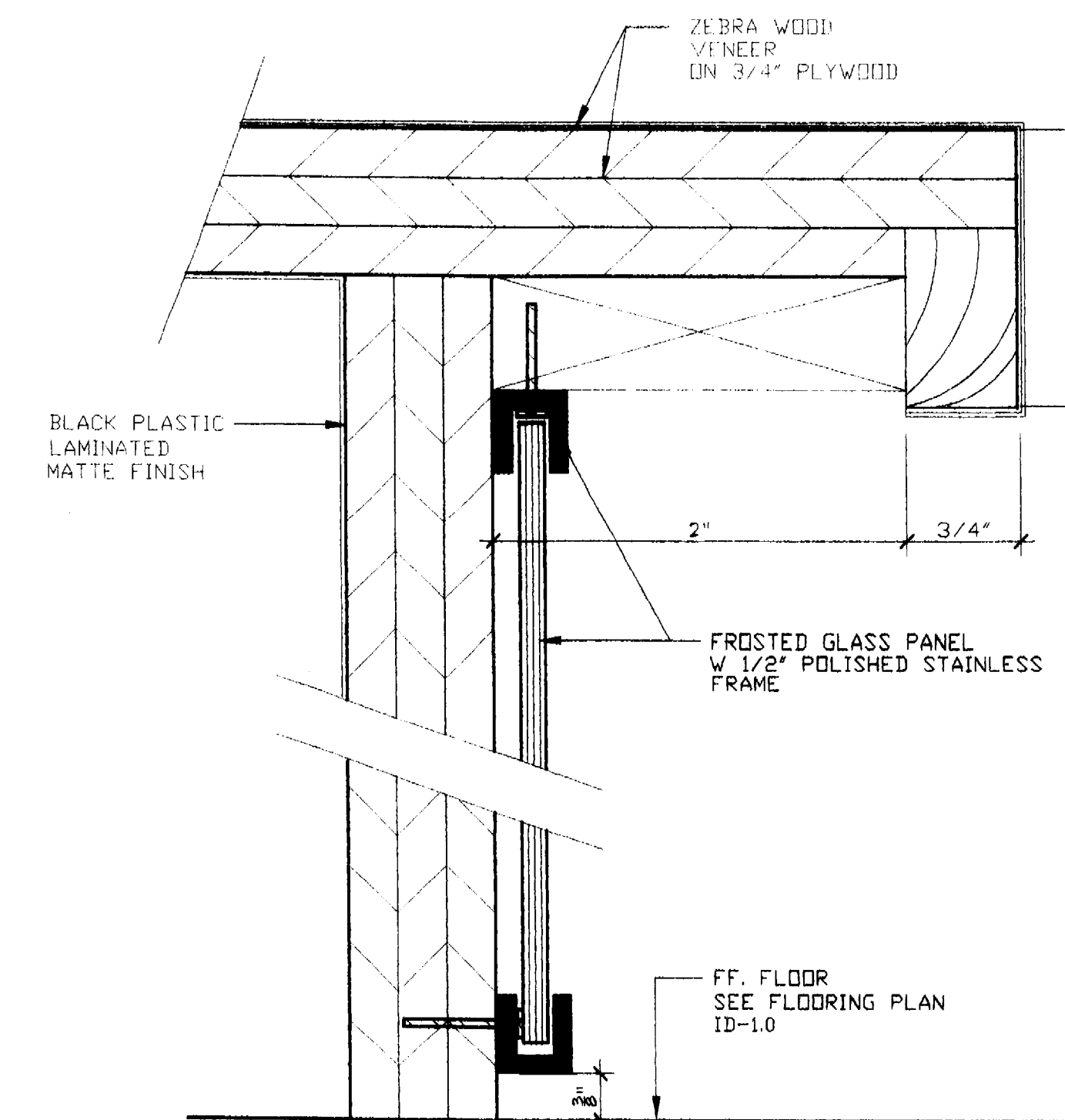
3 FRONT DESK BACK VIEW  
SC: 1 1/2" = 1'-0"



4 FRONT DESK TYP. SIDE VIEW  
SC: 1 1/2" = 1'-0"



5 FRONT DESK TYP. SECTION  
SC: 1 1/2" = 1'-0"



6 TYP. DETAIL AT FRONT DESK  
SC: FULL SIZE

## FRONT DESK MILLWORK DETAILS

SCALE: 1 1/2"=1'-0"

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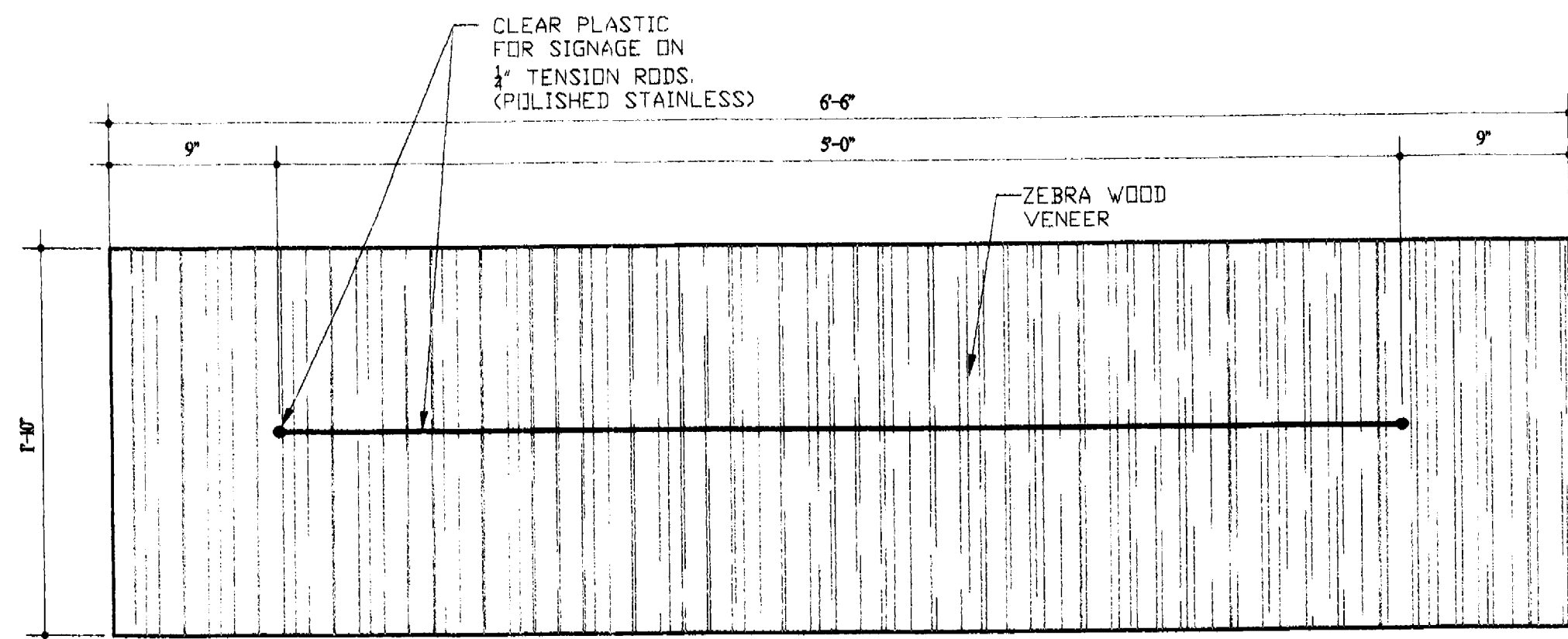
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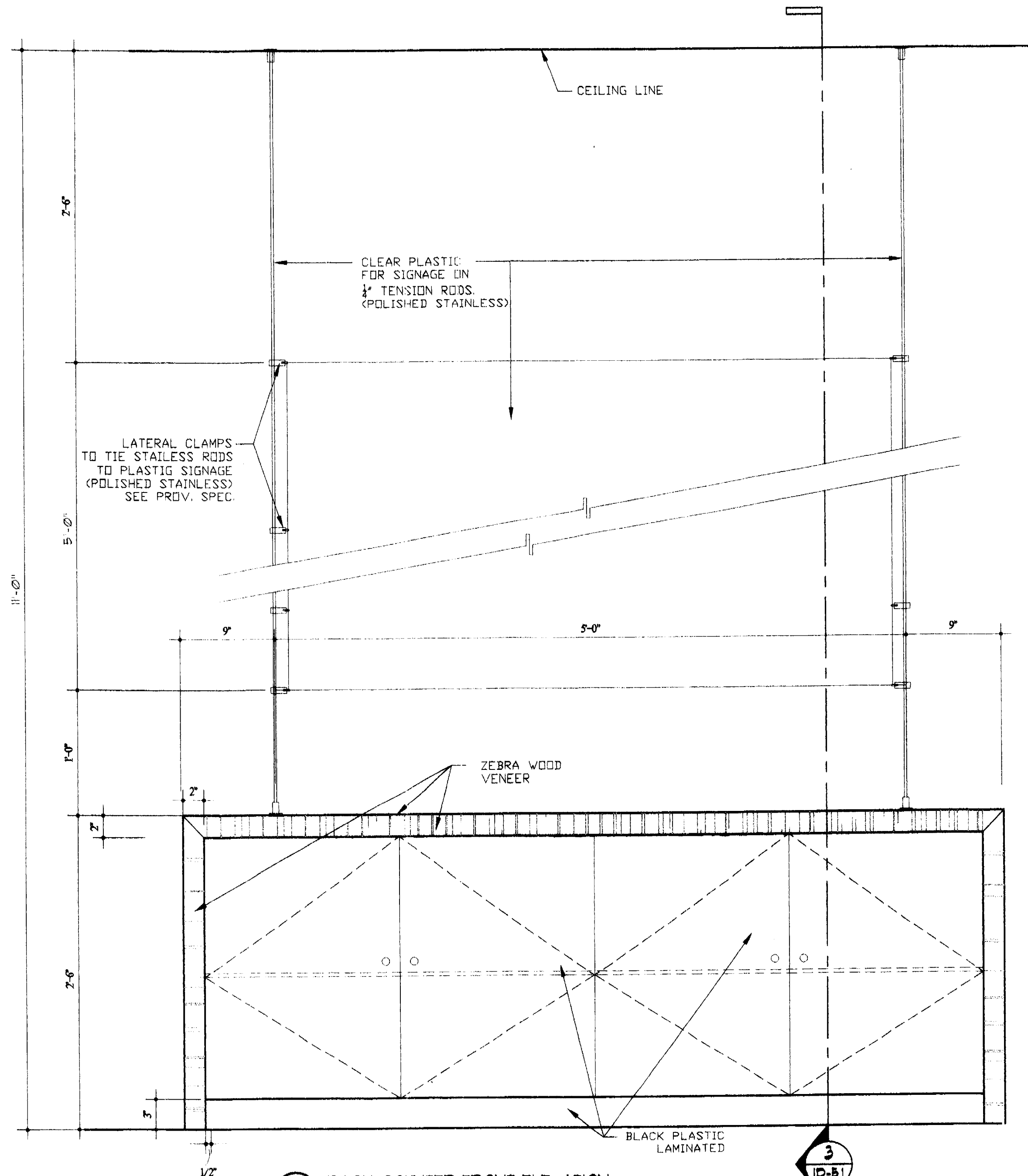
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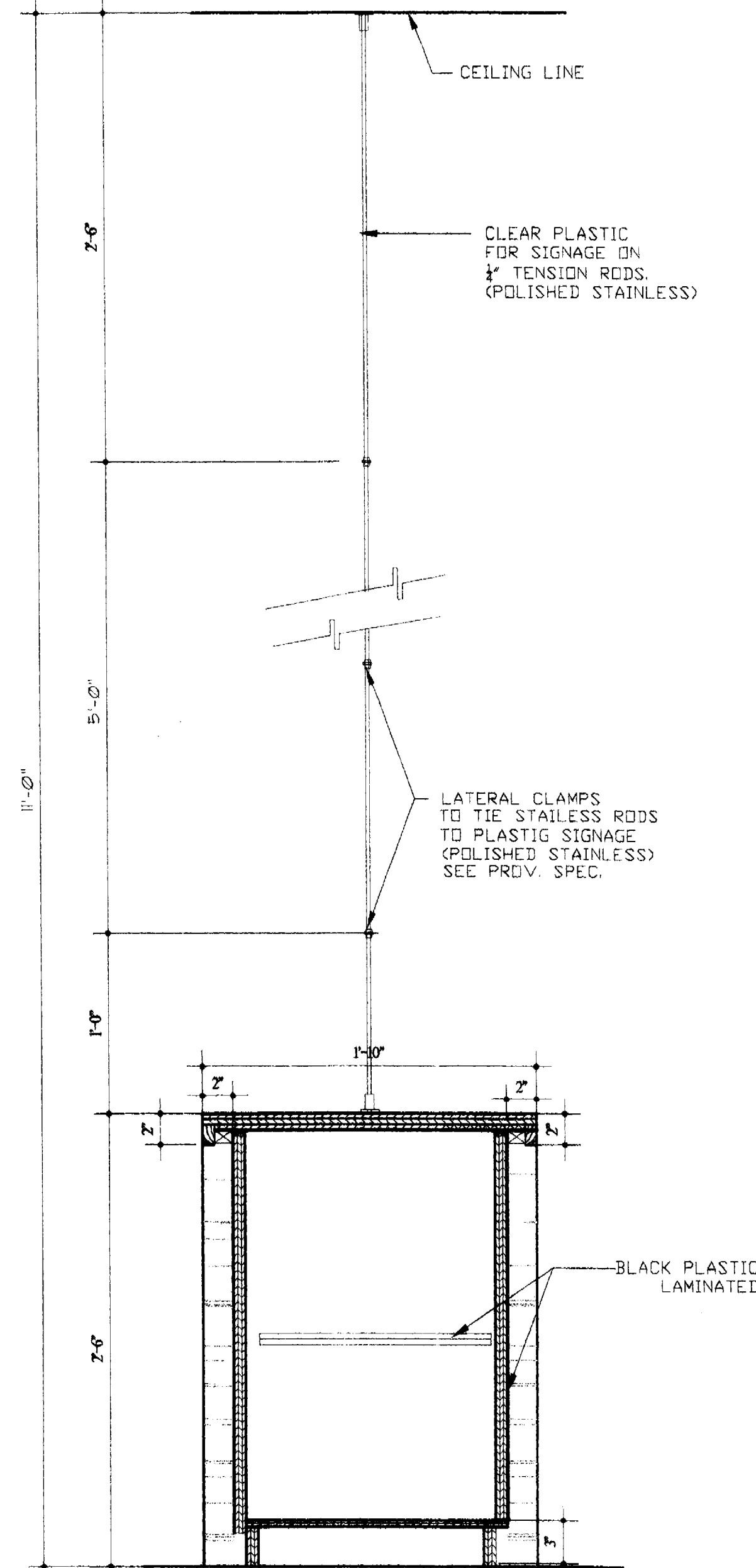
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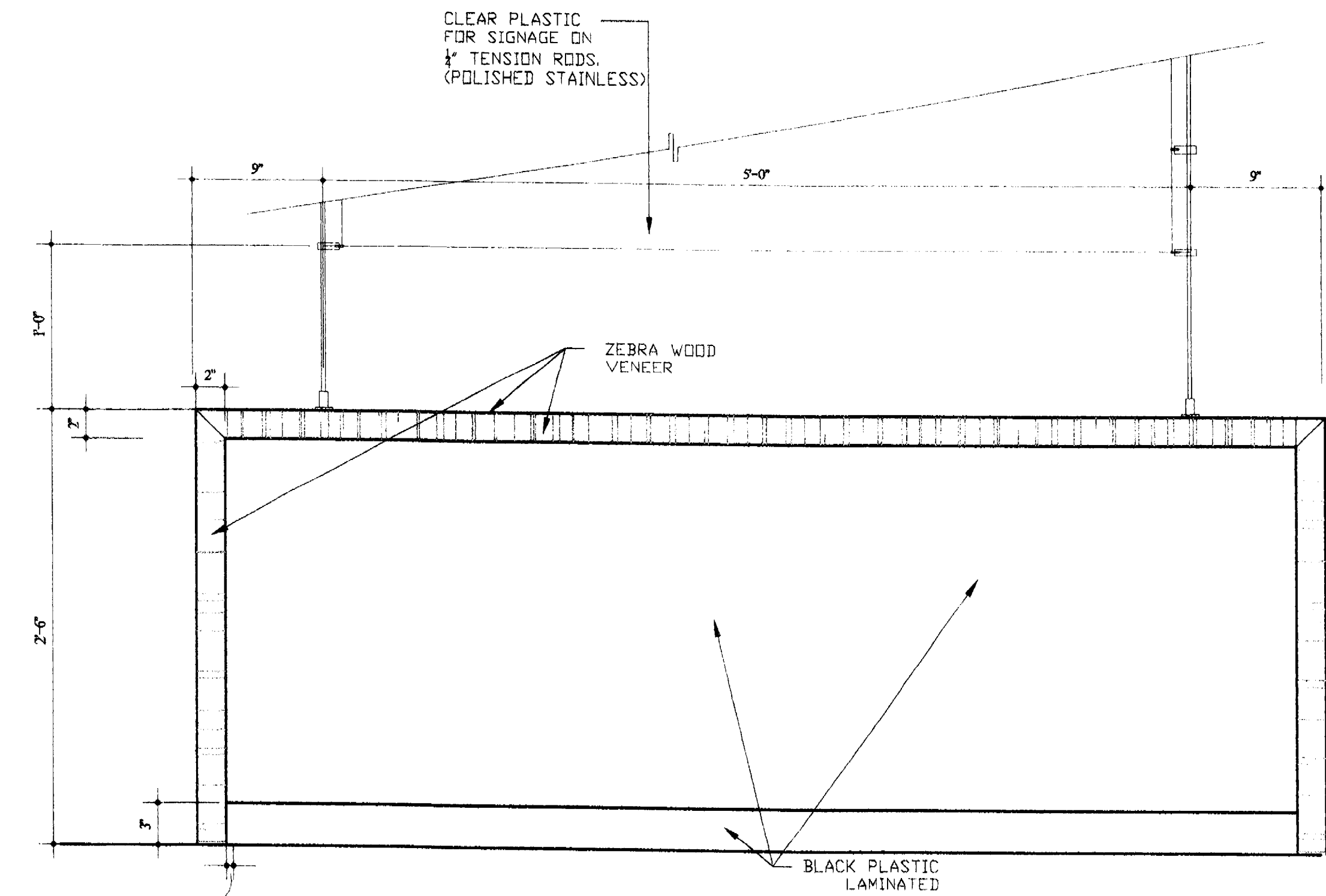
1 BACK COUNTER FRONT DESK FLOOR PLAN  
SC: 1 1/2" = 1'-0"



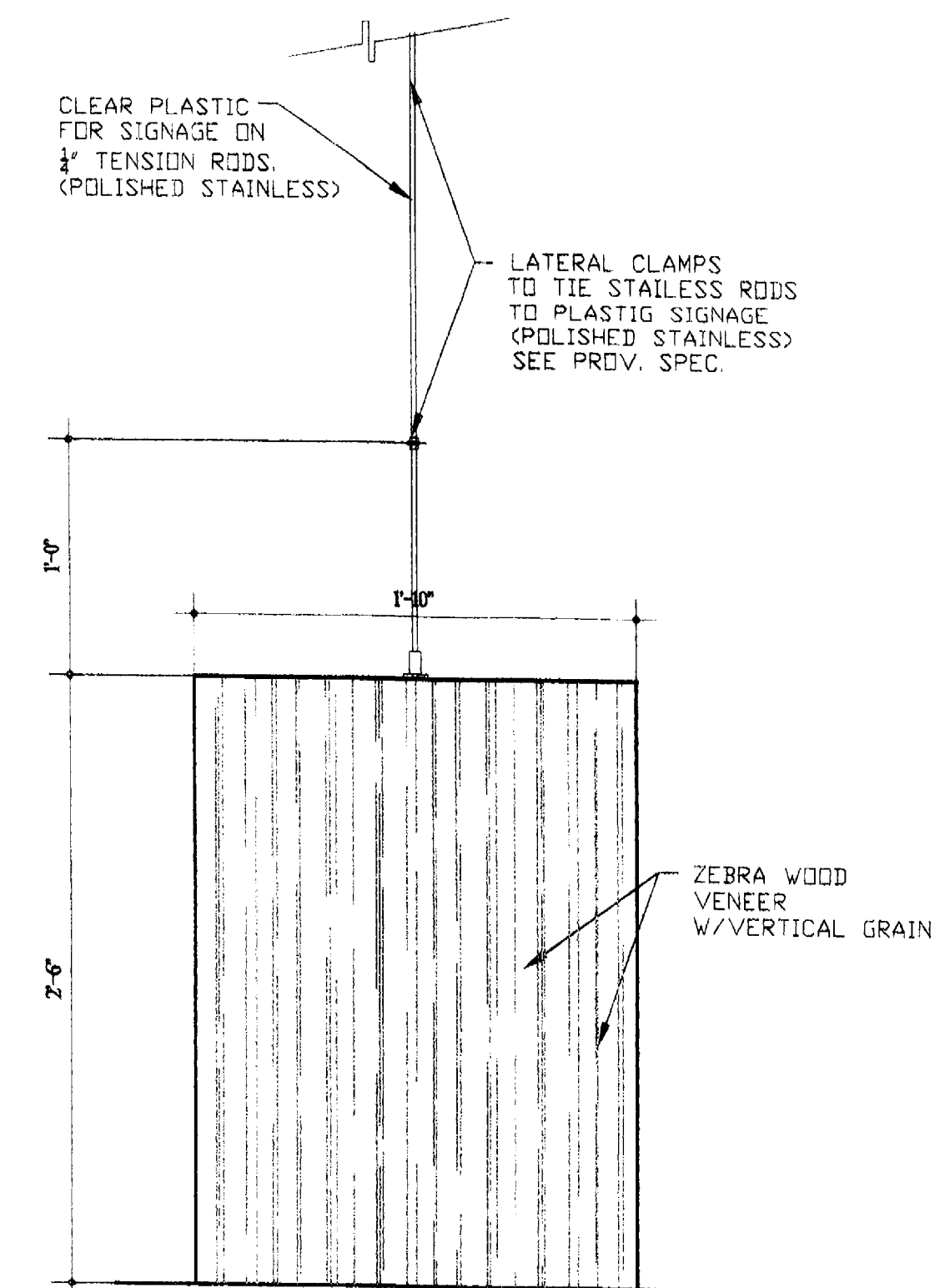
2 BACK COUNTER FRONT ELEVATION  
SC: 1 1/2" = 1'-0"



3 BACK COUNTER TYP. SECTION  
SC: 1 1/2" = 1'-0"



4 BACK COUNTER BACK ELEVATION  
SC: 1 1/2" = 1'-0"



5 BACK COUNTER SIDE VIEW  
SC: 1 1/2" = 1'-0"

## BACK COUNTER MILLWORK DETAILS

SCALE: 1 1/2"=1'-0"

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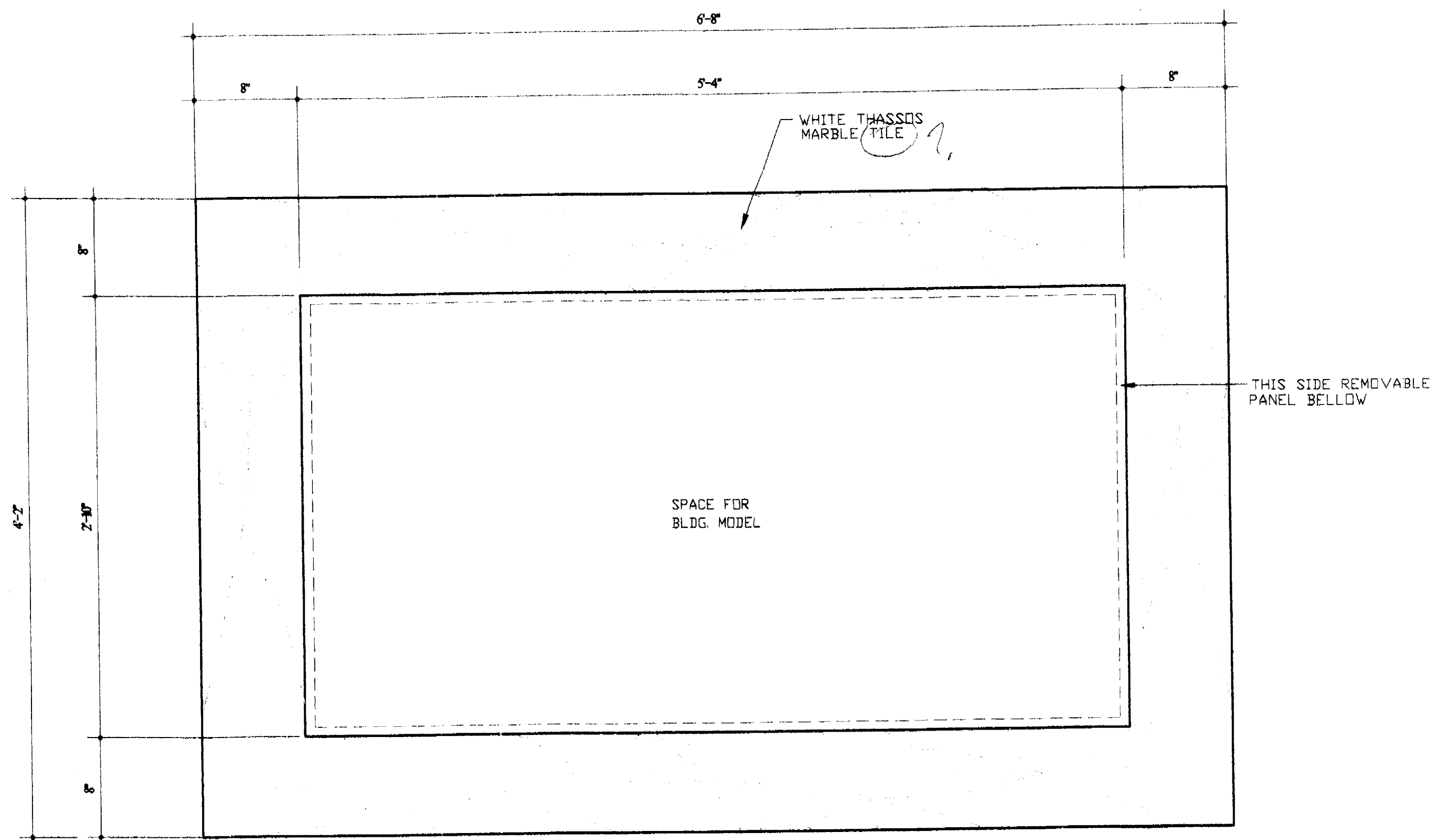
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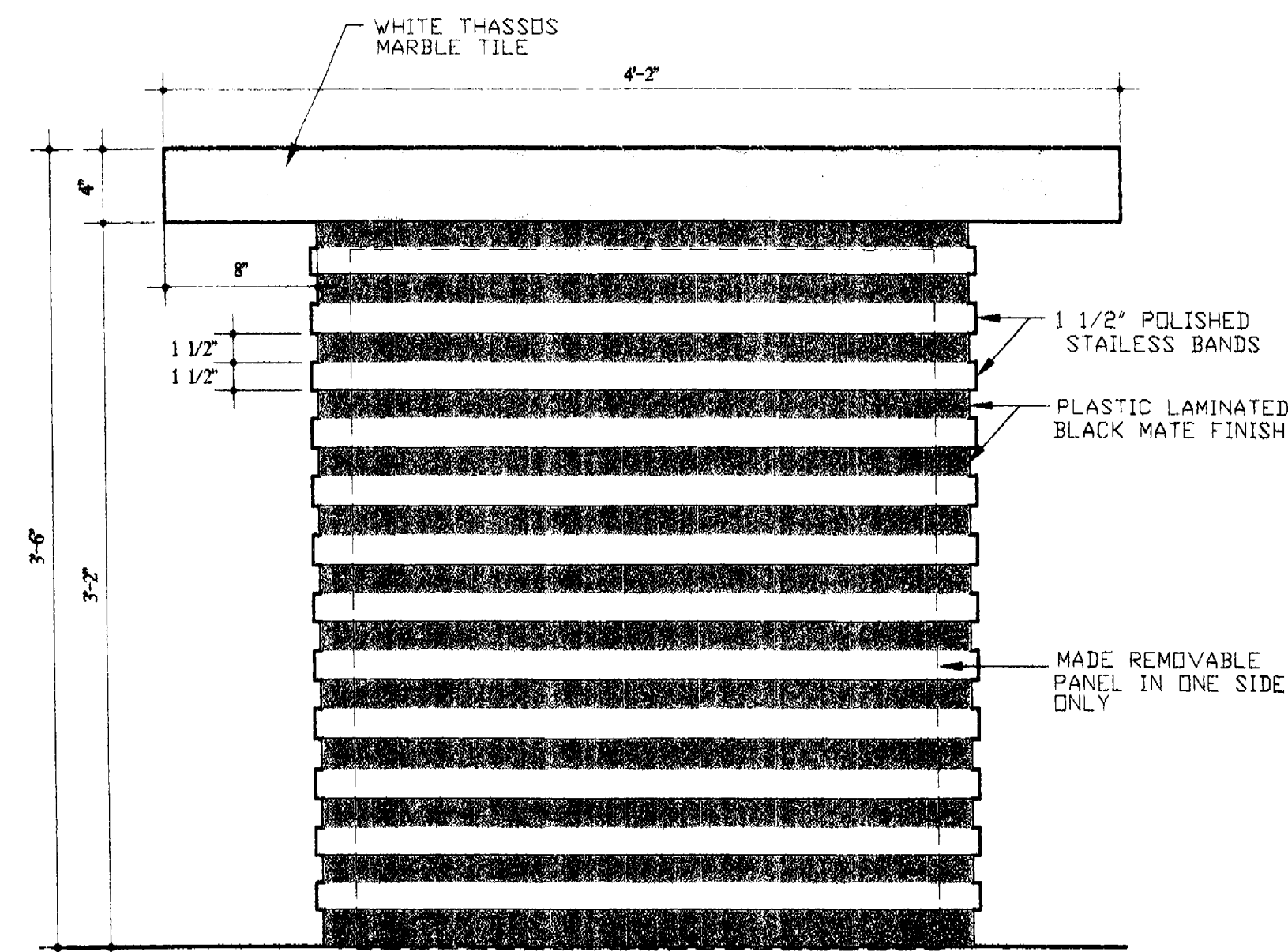
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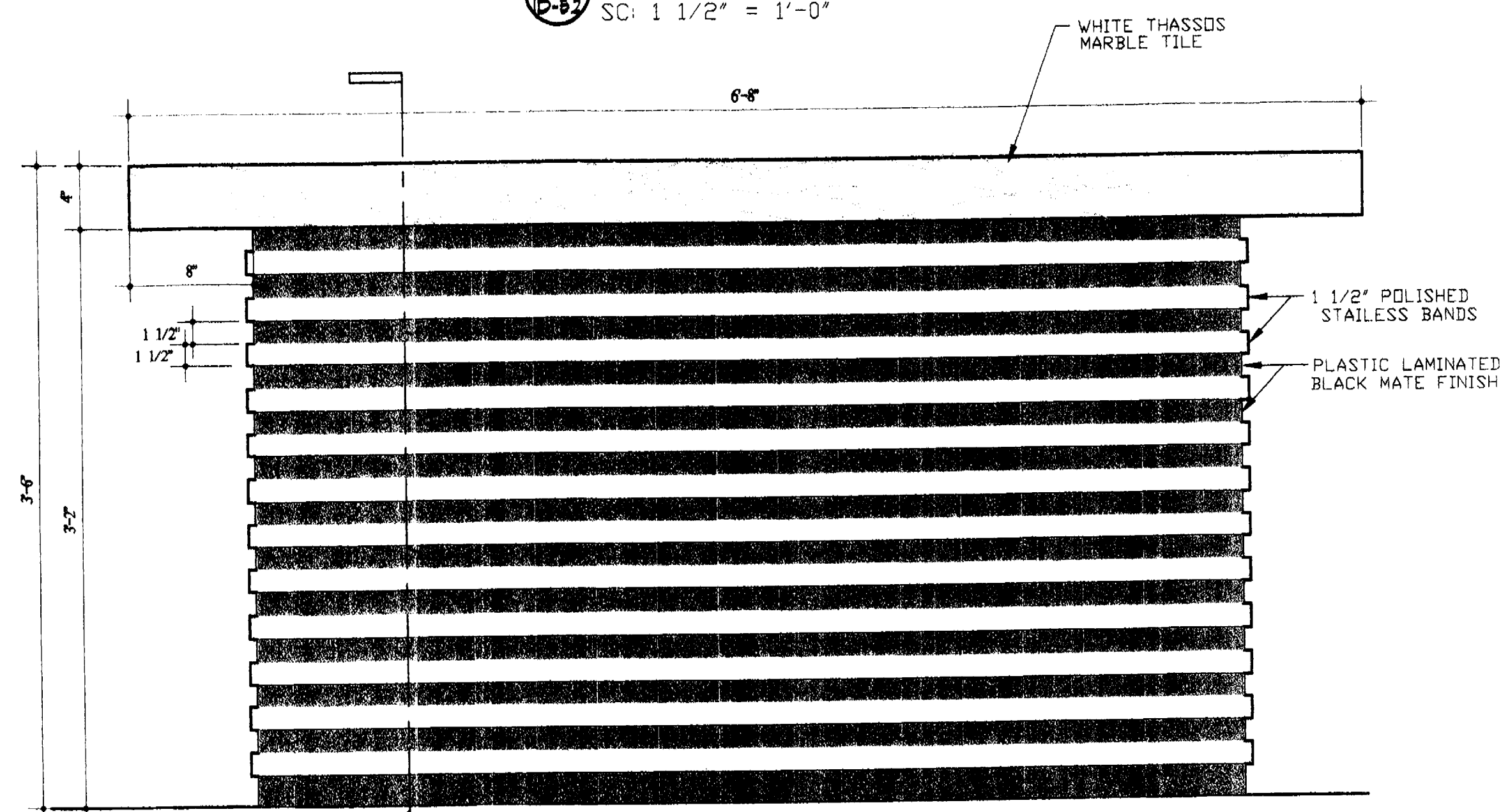
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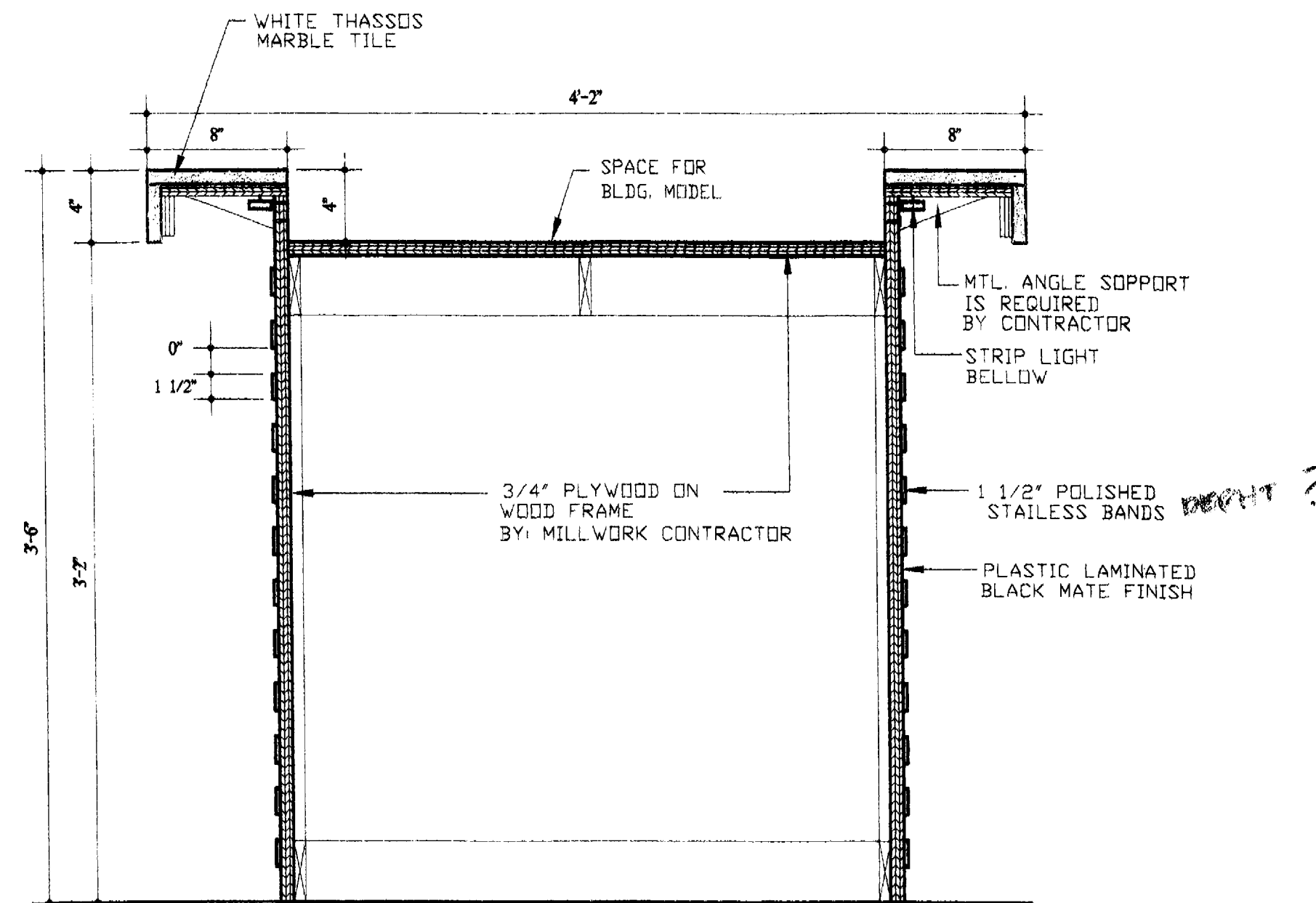
1 BLDG. MODEL FLOOR PLAN  
SC: 1 1/2" = 1'-0"



3 BLDG. MODEL TYP. SIDE ELEVATION  
SC: 1 1/2" = 1'-0"



2 BLDG. MODEL TYP. FRONT ELEVATION  
SC: 1 1/2" = 1'-0"



4 BLDG. MODEL TYP. SECTION  
SC: 1 1/2" = 1'-0"

## BUILDING MODEL MILLWORK DETAILS

SCALE: 1 1/2"=1'-0"

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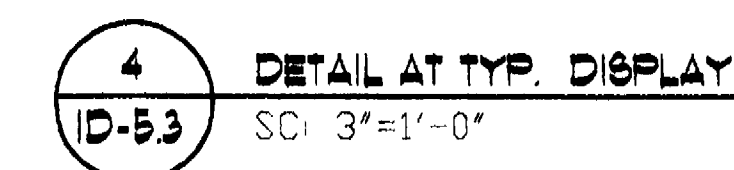
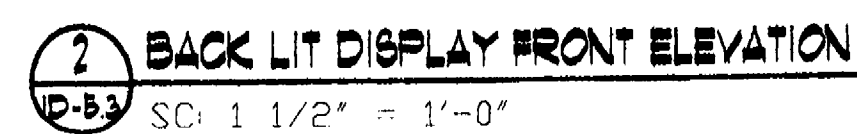
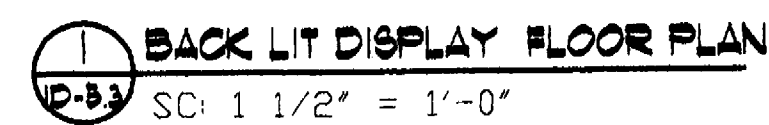
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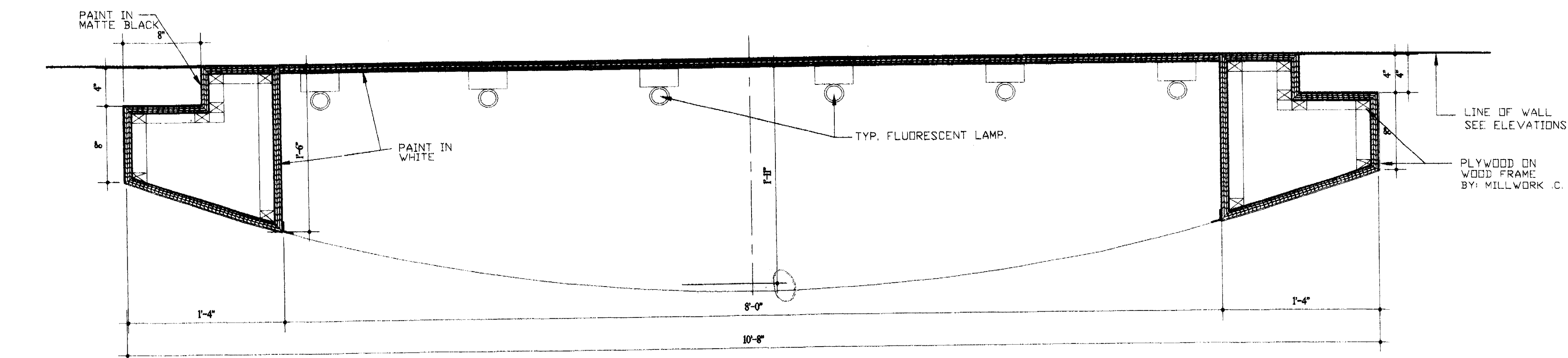
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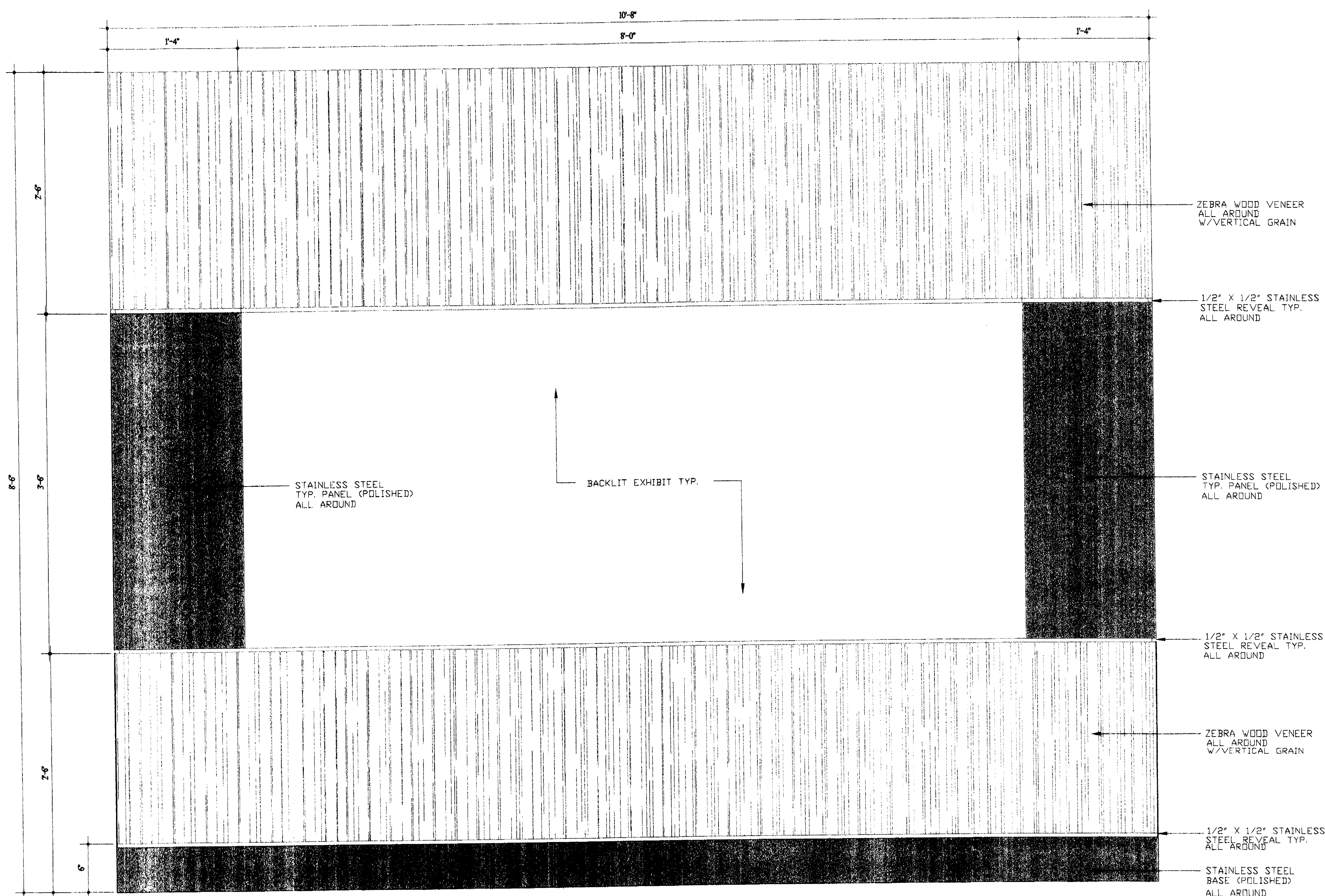


ID-5.3

**BACK LIT DISPLAY**  
**MILLWORK DETAILS**  
SCALE: 1 1/2"=1'-0"



1 BACK LIT DISPLAY FLOOR PLAN  
D-5.4 SC: 1 1/2" = 1'-0"



2 BACK LIT FRONT ELEVATION  
D-5.4 SC: 1 1/2" = 1'-0"

## BACK LIT DISPLAY MILLWORK DETAILS

SCALE: 1 1/2"=1'-0"

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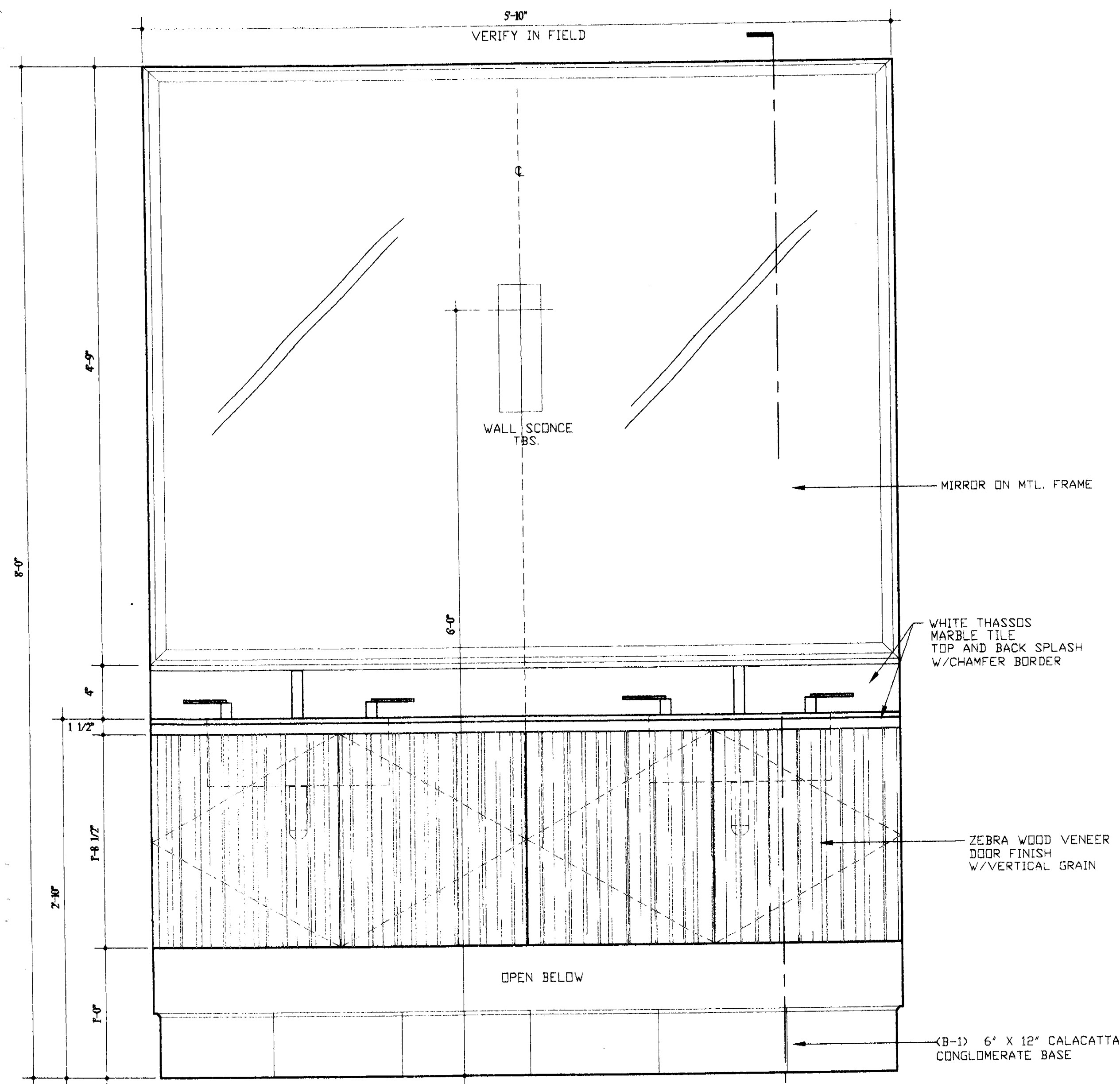
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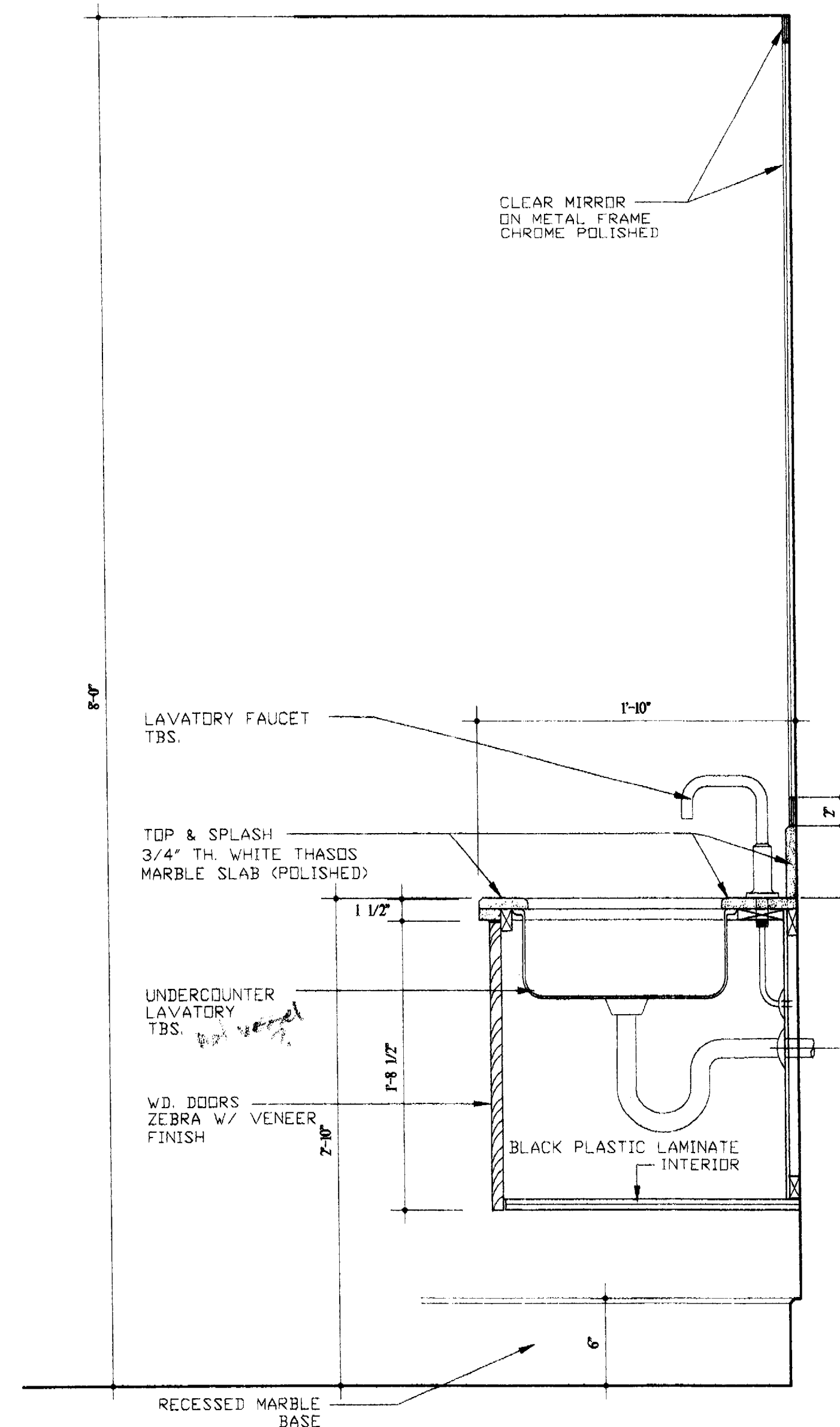
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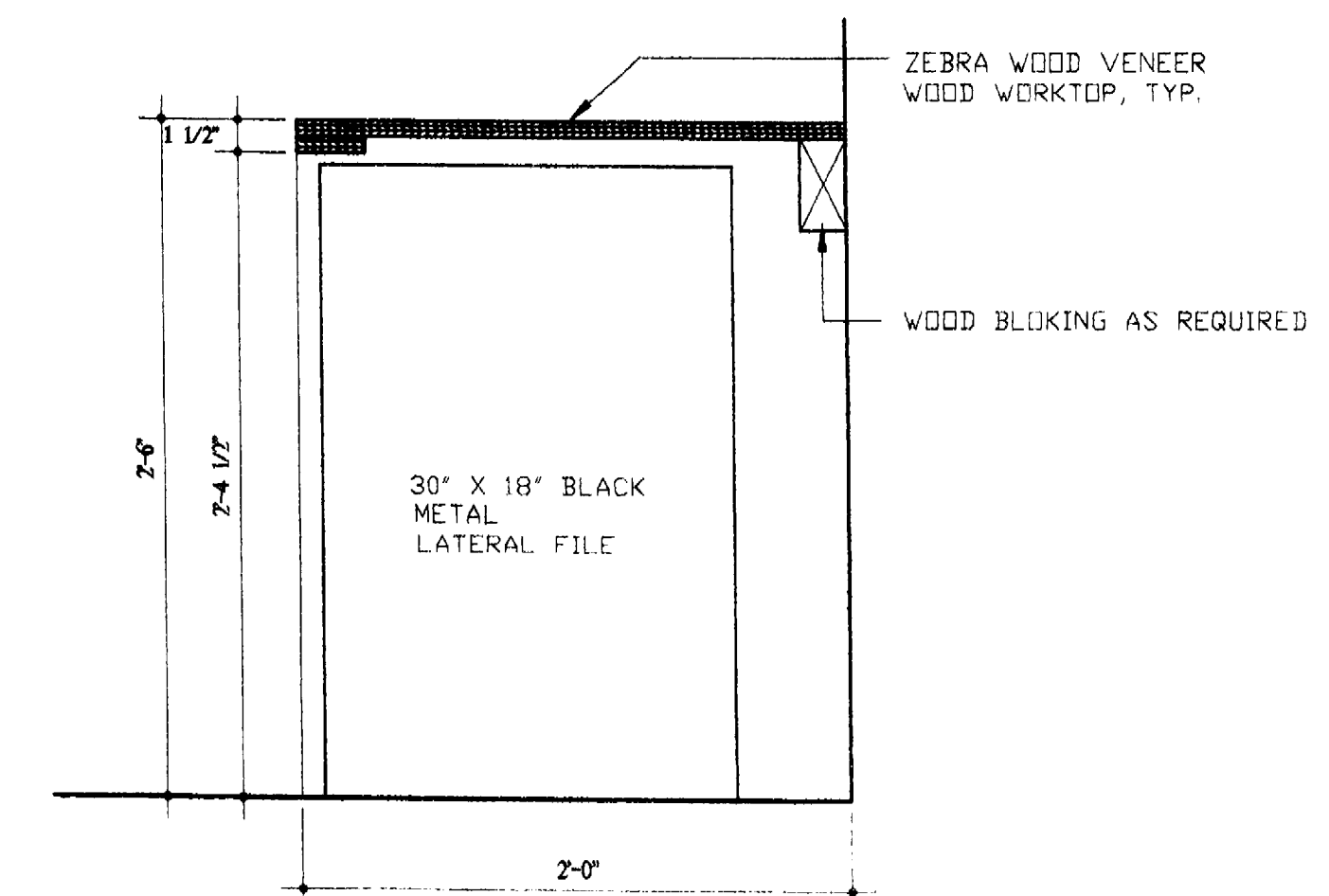


1 MODEL VANITY ELEVATION  
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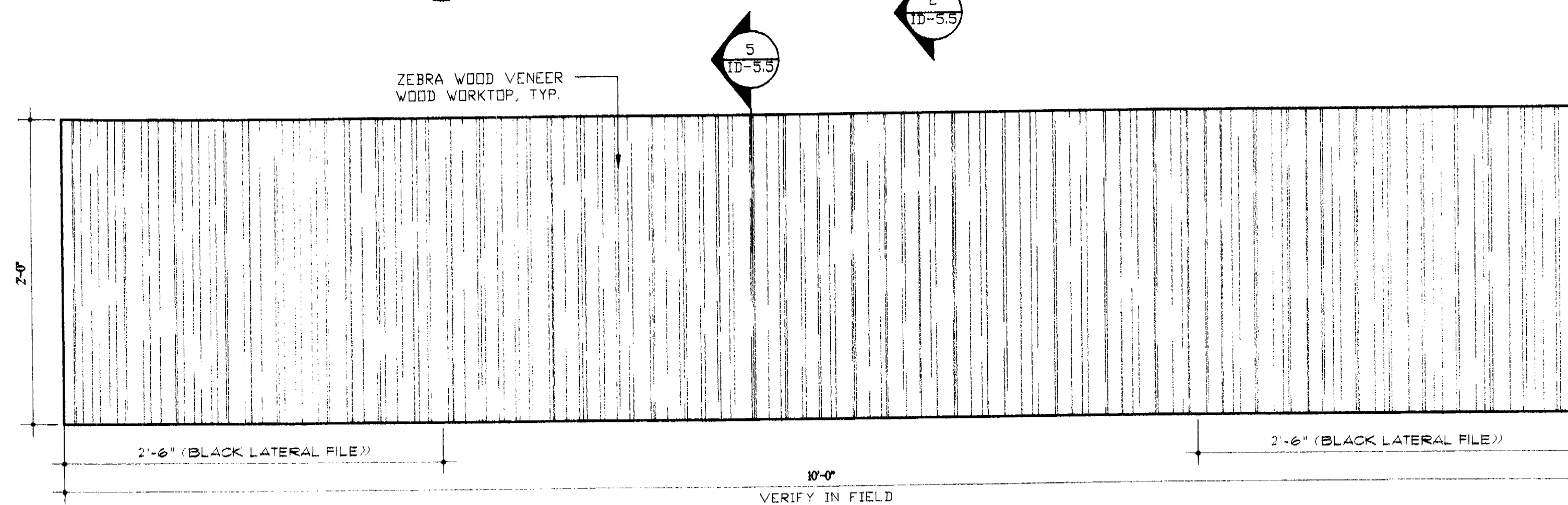
NOTE:  
MODEL VANITY BY: SNAIDERO



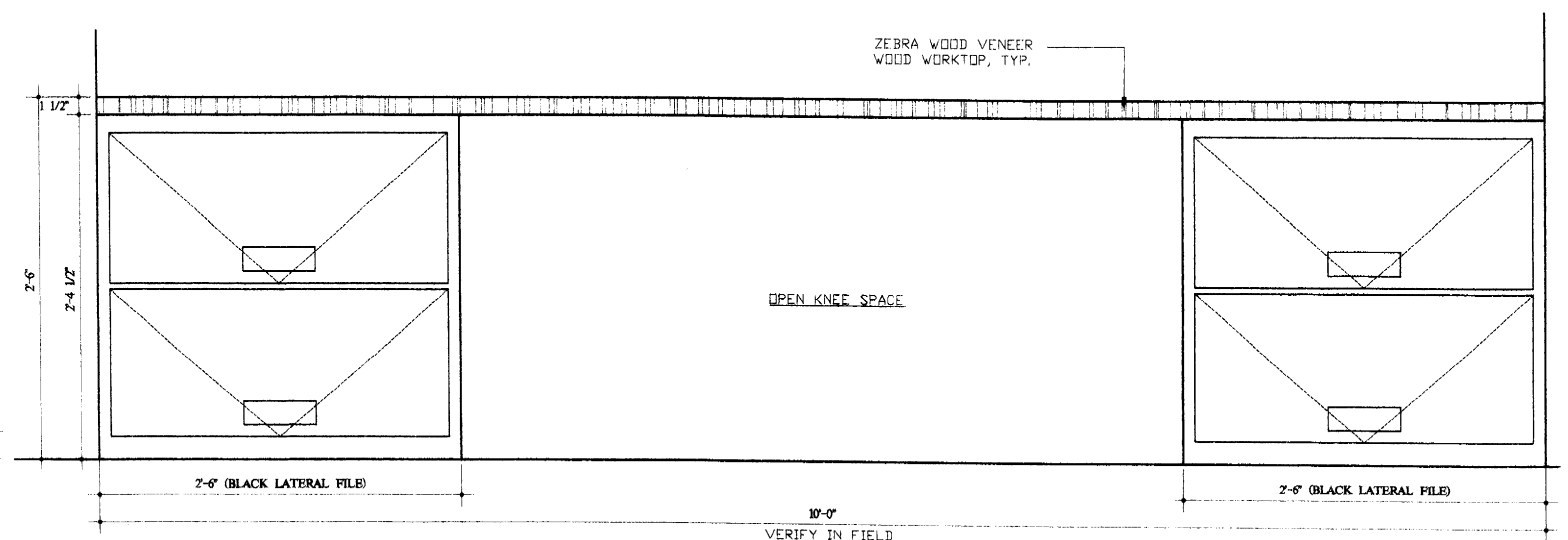
2 TYP. SECTION AT MODEL VANITY  
SC: 1 1/2" = 1'-0"



5 TYP. SECTION AT WORK STATION  
SC: 1 1/2" = 1'-0"



3 TYP. SALES WORK STATION FLOOR PLAN  
SC: 1 1/2" = 1'-0"



4 TYP. SALES WORK STATION ELEVATION  
SC: 1 1/2" = 1'-0"

## MILLWORK DETAILS

SCALE: 1 1/2"=1'-0"

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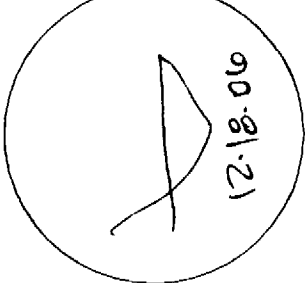
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VIOLATION OF THIS AGREEMENT WILL BE  
CONSIDERED A BREACH OF CONTRACT AND  
SUBJECT TO LITIGATION IN ANY COURT OF  
LAW.

FILE:

DATE:  
11-3-06

ID-5.5





CABI - MIAMI BEACH

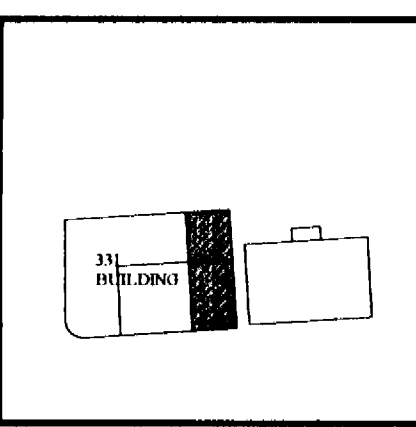
340 WEST 42nd street

FULLERTON DIAZ ARCHITECTS INC.

OFFICE COPY  
CITY OF MIAMI BEACH  
N-2 APPROVED FOR PERMIT BY  
THE FOLLOWING:

BUILDING:  
ZONING:  
DRAINAGE:  
CONCURRENCY:  
PLUMBING:  
ELECTRICAL:  
MECHANICAL:  
FIRE PREVENTION:  
ENGINEERING:  
PUBLIC WORKS:  
STRUCTURAL:  
ACCESSIBILITY:  
ELEVATOR:

As per Florida Building Code Section 104.5  
REVIEWED FOR CODE COMPLIANCE



KEYPLAN

SALES OFFICE - FIRST LEVEL - FLOOR PLAN

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

PARTITIONS  
GENERAL NOTES

1. PARTITION WALLS BETWEEN SUITES ARE 1-HR. FIRE RATED PER CODE
2. PROVIDE CONT. RESISTANT BETWEEN WALL AND FIN. CLGS. (CONCRETE, GYP. BD. ETC.)
3. PROVIDE PERIMETER CALKING AT ALL OUTDOORS
4. PROVIDE SOUND ATTENUATION BLANKET AT ALL OPENINGS (WATER, LEAKERS AND SANITARY LINES)
5. PROVIDE WATER RESISTANT DRYWALL AT ALL BATHROOMS, TOILET ROOMS, AND LOCKER ROOMS. WALLS NOT RECEIVING TILE OR STONE FINISH AND AT ALL CEILING IN THOSE AREAS
6. USE HYDRO RESISTANT GYPSUM BOARD AT ALL WALLS RECEIVING TILE OR STONE FINISH
7. PROVIDE ALL UNITS WITH SOUND BATT INSULATION AROUND BATHROOMS, AC CLOSETS AND ADJACENT TO PUBLIC CORRIDORS. REFER TO PLANS FOR ADDITIONAL AREAS
8. PROVIDE R-5 INSULATION TO INTERIOR FACE OF CONCRETE BLOCK WALLS. ALL INTERIOR WALLS AS NOTED
9. EXPOSED EXTERIOR WALLS - STUCCO FINISH TO MATCH EXIST.
10. COORDINATE ALL WALL TYPES WITH FINISH SCHEDULE AND INTERIOR DESIGN DRAWINGS
11. USE HYDRO RESISTANT (FUR) BOARD AT ALL EXTERIOR WALLS & SHARP WALLS

GENERAL  
NOTES

1. Contractor to field verify all existing conditions, dimensions
2. Refer to structural & MEP for corresponding information
3. Refer to ID for all finishes
4. 13'-6" Ceiling height
5. 11'-0" Ceiling height to drop ceiling
6. Refer to ID set for non-slip surface material
7. Refer to ID set for all built-in, furniture and cabinet details

NOTES

- N-1 New storefront to be added on first level. Transition at threshold not to exceed 1/2"
- N-2 Existing mechanical service area not part of tenant improvement work or permit
- N-3 Not part of tenant improvement work or permit
- N-4 1 Hour fire rated new partition, align with existing surface
- N-5 Relocated door
- N-6 Existing partition to provide baking for installation of req. grab bars
- N-7 Existing wall to receive cementitious backing board refer to ID drawings for tile finish
- N-8 Existing wall type tenant improvement to finish only

LEGEND

- CONCRETE SHEAR WALL EXIST.
- CMU WALL EXIST.
- CMU WALL WITH FURRING EXISTING
- INTERIOR METAL STUD NEW AND GYP. BD. PARTITION EXISTING
- INTERIOR PARTITION BY TENANT

**TYPICAL 1 HR. FIRE RATED PARTITION**

NOTE: FINISH ONLY ON TENANT SIDE.

**1 HR. FIRE RATED**

**TYPICAL INTERIOR PARTITION**

WALL TYPES

N.T.S.

Scale: 1/4"=1'-0"  
Date: 10-27-06  
Project Designer: FDM  
Drawn By: FDM  
Checked By: FDM  
Job Number: 20526.02  
Submittal: PERMIT  
File: C:\Miami Beach\201 Office Bldg  
Drawing Title: SALES OFFICE 1ST FLOOR PLAN  
Revisions:  
No. Description Date  
1 CITY COMMENTS 12-04-06  
Sheet Number  
**A-1**



1. Contractor to field verify all existing conditions dimensions.
2. Storefront finish & look to match existing. G.C. to submit shop drawings for arch. & structure review
3. NOT USED
4. For demolition specifications refer to demo plan 3rd floor.

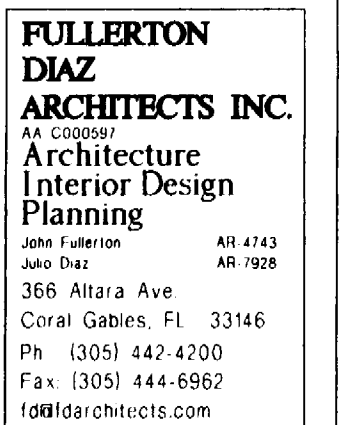
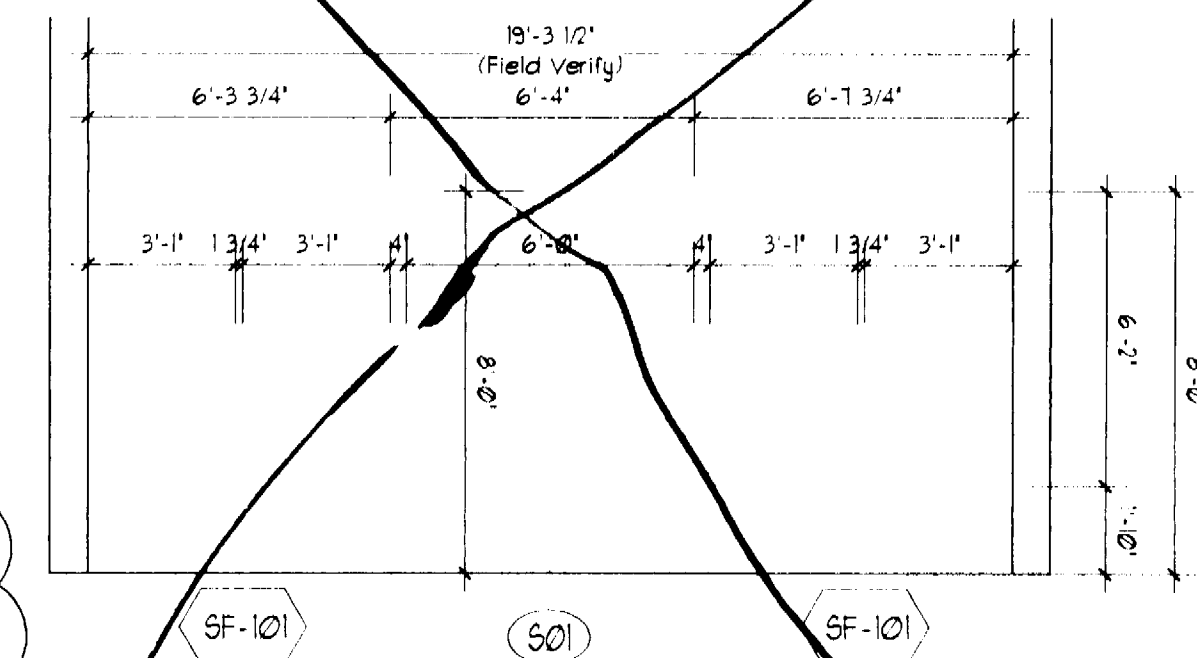
N-1. New storefront to be added on first level.

DOOR SCHEDULE

---

N.T.S.

## STOREFRONT SCHEDULE



# CABI - MIAMI BEACH

340 WEST 42nd street

Scale: \_\_\_\_\_ 1/4"=1'0"  
Date: \_\_\_\_\_ 10-27-08  
Project Designer: \_\_\_\_\_ FDA  
Drawn By: \_\_\_\_\_ FDA  
Checked By: \_\_\_\_\_ FDA  
Job Number: \_\_\_\_\_ 20526.02  
Submittal: \_\_\_\_\_ PERMIT  
File: Cad-Mech-Propos-321-Office-Bldg

Drawing Title:  
**STORE FRONT &  
DOOR SCHED.**

| Revisions |               |          |
|-----------|---------------|----------|
| No.       | Description   | Date:    |
| 1         | CITY COMMENTS | 12-24-06 |

[illegible]

Sheet Number

A-2

January 2, 2007

City of Miami Beach  
Building Department  
Miami Beach, Florida

Project Name: Naya Sales  
333 W 41<sup>st</sup> St. MBCH

Project Number: B0701152

In response to your Mechanical Review Comments, SEi Companies offers the following:

*Comment #1: "New pages show ductwork for two different tenants, provide F/S/D/Protection at the penetration of the rated wall."*

**Response:** Outside air calculations is shown on the drawing, M0.01. The new ductwork that served the second tenant space has been deleted and removed back to the corridor where fire/smoke dampers would not be required, and capped for future as shown on drawing M2.01.

*Comment #2: "Return air from sections of building is showing discharging in corridor need to protect with."*

**Response:** Return air ducts are shown to have fire/smoke dampers at the corridor walls as shown on drawing M2.01.

*Comment #3: "Return air shall be protected with F/S/D."*

**Response:** Return air ducts to the mechanical room have fire/smoke dampers as shown on drawing M2.01.

*Comment #4: "Mechanical room shall be enclosed in a 1 hour enclosure and ducts shall be protected with F/S/D."*

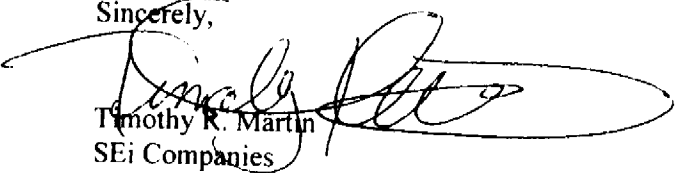
**Response:** Mechanical room now has permanent one hour rated double doors with all of the ducts with fire dampers as shown on drawing M2.01.

*Comment #5: "HVAC design need to be corrected."*

**Response:** Corrected

Please call with questions or comments.

Sincerely,

  
Timothy R. Martin  
SEi Companies

2424 Wilcrest Drive

Suite 200

Houston

Texas

77042-2753

Telephone: 713.785.1311

Fax: 713.785.2556

**SEi**  
COMPANIES

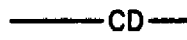
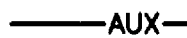
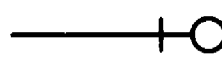
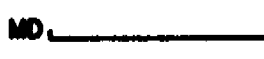
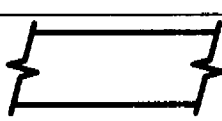
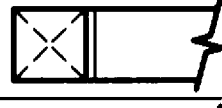
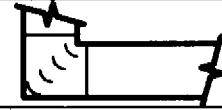
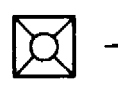
WWW.SEICOMPANIES.COM

Boston • Houston

|      |                                            |       |                          |
|------|--------------------------------------------|-------|--------------------------|
| Ø    | DIAMETER                                   | ID    | INSIDE DIAMETER          |
| NTS  | NOT TO SCALE                               | IN    | INCHES                   |
| AD   | ACCESS DOOR                                | INSUL | INSULATION               |
| ADJ  | ADJUSTABLE                                 | KW    | KILOWATT                 |
| AFF  | ABOVE FINISHED FLOOR                       | O. A. | OUTSIDE AIR              |
| BOD  | BOTTOM OF DUCT                             | MECH  | MECHANICAL               |
| BOP  | BOTTOM OF PIPE                             | MEZZ  | MEZZANINE                |
| BTUH | BRITISH THERMAL UNIT<br>PER HOUR           | MFR   | MANUFACTURER             |
|      |                                            | MTD   | MOUNTED                  |
| DB   | DRY BULB TEMPERATURE                       | OD    | OUTSIDE DIAMETER         |
| DIA  | DIAMETER                                   | ODP   | OPEN DRIP PROOF          |
| EXH  | EXHAUST                                    | TYP   | TYPICAL                  |
| HP   | HORSEPOWER                                 | VFD   | VARIABLE FREQUENCY DRIVE |
| SD   | SMOKE DETECTOR                             | WG    | WATER GAUGE              |
| VD   | VOLUME DAMPER                              | CFM   | CUBIC FEET PER MINUTE    |
| FD   | FIRE DAMPER<br>(W/ ACCESS DOOR)            |       |                          |
| MBH  | THOUSAND BRITISH THERMAL<br>UNITS PER HOUR |       |                          |

| ZONE—AREAS      |       | O.A. REQUIRED                       | O.A. SUPPLIED |
|-----------------|-------|-------------------------------------|---------------|
| CONFERENCE ROOM |       | 195 SQFT*(1CFM/SQFT) = 195 CFM      | AHU = 200 CFM |
| SALE OFFICES    |       | 214 SQFT*(0.14CFM/SQFT) = 30 CFM    | AHU = 30 CFM  |
| OFFICES         |       | 1,259 SQFT*(0.14CFM/SQFT) = 176 CFM | AHU = 180 CFM |
| CORRIDORS       |       | 1,575 SQFT*(0.05CFM/SQFT) = 82 CFM  | AHU = 100 CFM |
|                 |       |                                     |               |
|                 | TOTAL | = 483 CFM                           | = 510 CFM     |
|                 |       |                                     |               |

|                                        |     |               |
|----------------------------------------|-----|---------------|
| DUCT SMOKE DETECTOR                    | YES |               |
| FIRE DAMPER (S)                        | yes | <del>NO</del> |
| SMOKE DAMPER (S)                       | yes | <del>NO</del> |
| FIRE RATED ENCLOSURE                   |     | NO            |
| FIRE RATED ROOF/FLOOR CEILING ASSEMBLY |     | NO            |
| FIRE STOPPING                          |     | NO            |
| SMOKE CONTROL                          |     | NO            |

|                                                                                                                                                                               |                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
|                                                                                            | CONDENSATE DRAIN PIPING                                                                                                     |
|                                                                                            | AUXILIARY DRAIN PIPING                                                                                                      |
|                                                                                            | REFRIGERANT SUCTION                                                                                                         |
|                                                                                            | REFRIGERANT LIQUID                                                                                                          |
|                                                                                            | PIPING DOWN                                                                                                                 |
|                                                                                            | PIPING UP -OR- PIPING UP & DOWN                                                                                             |
|                                                                                            | CAP ON END OF PIPE                                                                                                          |
|                                                                                            | VOLUME DAMPER                                                                                                               |
|                                                                                            | FIRE DAMPER                                                                                                                 |
|                                                                                            | MOTORIZED DAMPER                                                                                                            |
|                                                                                            | SMOKE DETECTOR                                                                                                              |
|                                                                                            | THERMOSTAT                                                                                                                  |
| 20x16                                                                                                                                                                         | DUCT DIMENSION, CLEAR INSIDE                                                                                                |
|                                                                                            | NEW DUCTWORK                                                                                                                |
|                                                                                            | RECTANGULAR DUCT UP                                                                                                         |
|                                                                                            | RECTANGULAR DUCT DOWN                                                                                                       |
|                                                                                           | ROUND DUCT UP                                                                                                               |
|                                                                                          | ROUND DUCT DOWN                                                                                                             |
|                                                                                          | TURNING VANES                                                                                                               |
| $\varnothing$                                                                                                                                                                 | ROUND DUCT DIAMETER                                                                                                         |
|  6x6<br>350<br>2 TYP.                                                                    | "A" = TYPE AIR DEVICE      "1" = MOUNTING TYPE<br>"6x6" = NECK SIZE      "350" = AIR VOLUME<br>"2 TYP." = TYPICAL QUANTITY. |
|  —  | SUPPLY AIR DEVICE (ROUND — SQUARE)                                                                                          |
|                                                                                          | RETURN AIR DEVICE                                                                                                           |
|  —  | EXHAUST GRILLE (ROUND — SQUARE)                                                                                             |
|                                                                                          | POWER OR GRAVITY ROOF VENTILATOR-EXHAUST FAN                                                                                |
|                                                                                          | GRAVITY ROOF VENTILATOR-INTAKE HOOD                                                                                         |
|                                                                                          | REFER TO KEYED NOTE 1                                                                                                       |

1. COORDINATE WITH STRUCTURE AND OTHER DISCIPLINES.
2. PROVIDE VOLUME DAMPER AT SPIN-IN CONNECTION OF DIFFUSER BRANCH INCLUDING THOSE CONNECTING TO THE BOTTOM OF MAIN TRUNK.
3. SEAL ALL DUCT AND PIPE PENETRATIONS THRU EXTERIOR WALLS AIR TIGHT.
4. COORDINATE LOCATIONS OF AIR DEVICES WITH LIGHT FIXTURES AND ARCHITECTURAL CEILING DESIGN.
5. INSTALL ALL DUCTWORK AS HIGH AS POSSIBLE.
6. UNLESS SPECIFICALLY INDICATED, ALL DUCT TRANSITIONS SHALL BE SMOOTH AND GRADUAL WITH MAXIMUM DIVERGENT ANGLE OF 15°
7. MAXIMUM ALLOWABLE FLEXIBLE DUCT LENGTH TO DIFFUSER IS 6'-0".
8. COORDINATE FINAL LOCATION OF THERMOSTATS WITH ARCHITECT.
9. PROVIDE MINIMUM 6" WIDE FLEXIBLE CONNECTOR TO CONNECT DUCTS TO AIR HANDLING UNITS, FAN COIL UNITS, FANS, ROOF TOP UNITS, AND WHERE INDICATED ON THE DRAWINGS.
10. SMOKE DETECTOR TO BE LOCATED IN THE UNIT'S MAIN RETURN AIR DUCT. COORDINATE LOCATION WITH LOCAL CODE. UNIT SHALL BE DE-ENERGIZED WHENEVER SMOKE IS DETECTED.

|       |            |                        |
|-------|------------|------------------------|
| M0.XX | MECHANICAL | LEGENDS AND NOTES      |
| M2.XX | MECHANICAL | FLOOR PLANS (DUCTWORK) |
| M3.XX | MECHANICAL | FLOOR PLANS (PIPING)   |
| M4.XX | MECHANICAL | ENLARGED SCALE PLANS   |
| M5.XX | MECHANICAL | SECTIONS, ELEVATIONS   |
| M6.XX | MECHANICAL | RISER & FLOW DIAGRAMS  |
| M7.XX | MECHANICAL | STANDARD DETAILS       |
| M8.XX | MECHANICAL | SCHEDULES              |

|       |            |                     |
|-------|------------|---------------------|
| MO.01 | MECHANICAL | SYMBOLS AND LEGENDS |
| MO.02 | MECHANICAL | SPECIFICATIONS      |
| M2.01 | MECHANICAL | FLOOR PLAN          |
| M7.01 | MECHANICAL | STANDARD DETAILS    |
| M8.01 | MECHANICAL | SCHEDULES           |

AHU-1 AIR HANDLING UNIT #1  
EF-1 EXHAUST FAN #1

SEi  
COMPANIES

*Shaw*  
1-207

COMPANIES  
2424 WILCREST DR, SUITE 200  
HOUSTON, TEXAS 77042-2753  
MAIN TELEPHONE: 713.785.1311  
FAX: 713.785.2556  
[WWW.SFKCOMPANIES.COM](http://WWW.SFKCOMPANIES.COM)

**FULLERTON  
DIAZ  
ARCHITECTS INC.**  
AA 000887  
Architecture  
Interior Design  
Planning  
John Fullerton  
Julio Diaz  
386 Altare Ave.  
Coral Gables, FL 33146  
Ph: (305) 442-4200  
Fax: (305) 444-6962  
fd@darchoitects.com

FULLERTON DIAZ ARCHITECTS INC.

CABI SALES CENTER - 331 W. 41ST STREET

**MIAMI BEACH, FLORIDA**

[illegible]

# M0.01



- 1 REMOVE ALL EXISTING DUCTWORK SYSTEMS IN THIS AREA IN ITS ENTIRETY BACK TO THE EXISTING AIR HANDLING UNIT.
- 2 EXISTING AIR HANDLING UNIT WITH OUTSIDE AIR MAKE UP W/VD SET AT 300 CFM.
- 3 CONNECT NEW SUPPLY AIR DUCT TO OUTLET OF EXISTING AIR HANDLING UNIT. COORDINATE WITH EXISTING OPENING SIZE OUTLET AND PROVIDE REQUIRED TRANSITION AS NEEDED TO ACCOMMODATE NEW DUCT SIZE.
- 4 TOP OF SA DUCT.
- 5 CONNECT 6"ø TO EXISTING MAIN EXHAUST DUCT AT THIS LOCATION. FIELD VERIFY.
- 6 COORDINATE FINAL NEW THERMOSTAT LOCATION WITH OWNER.
- 7 PROVIDE 5 KW INDEECO DUCT MOUNTED ELECTRIC DUCT HEATER AT 208/1/60 VOLTAGE. PROVIDE 3 STEP FUNCTION. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. TYPICAL FOR EDH-1 & 2.
- 8 SET THERMOSTAT AT 72° F DURING WINTER OPERATION.
- 9 TERMINATE AT WALL - TYPICAL FOR 3.
- 10 PROVIDE SMOKE DETECTOR IN THE SUPPLY DUCT.
- 11 SET EXISTING OUTSIDE AIR DUCT DAMPER TO 510 CFM.
- 12 PROVIDE FSD IN ALL DUCTS PASSING THRU THE MECHANICAL ROOM WALLS.
- 13 CAP SUPPLY AIR DUCT FOR FUTURE WORK.

MIAMI BEACH, FLORIDA

CABI SALES CENTER - 331 W. 41ST STREET

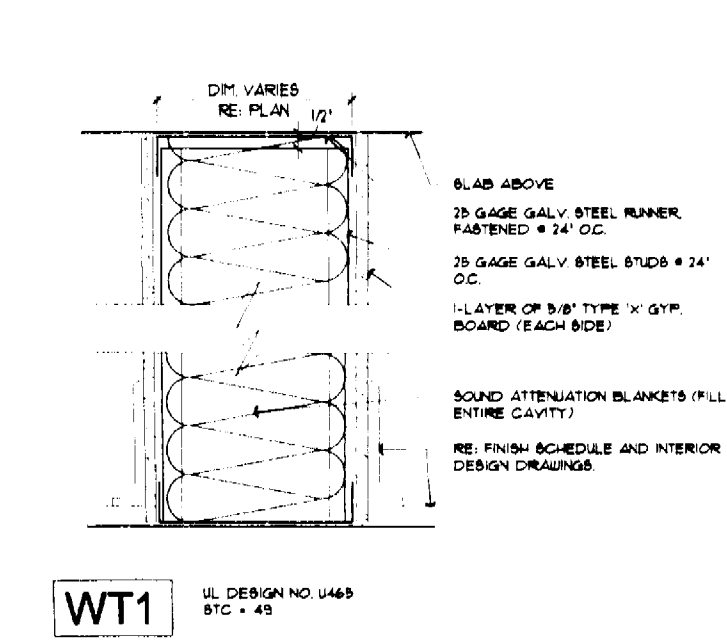
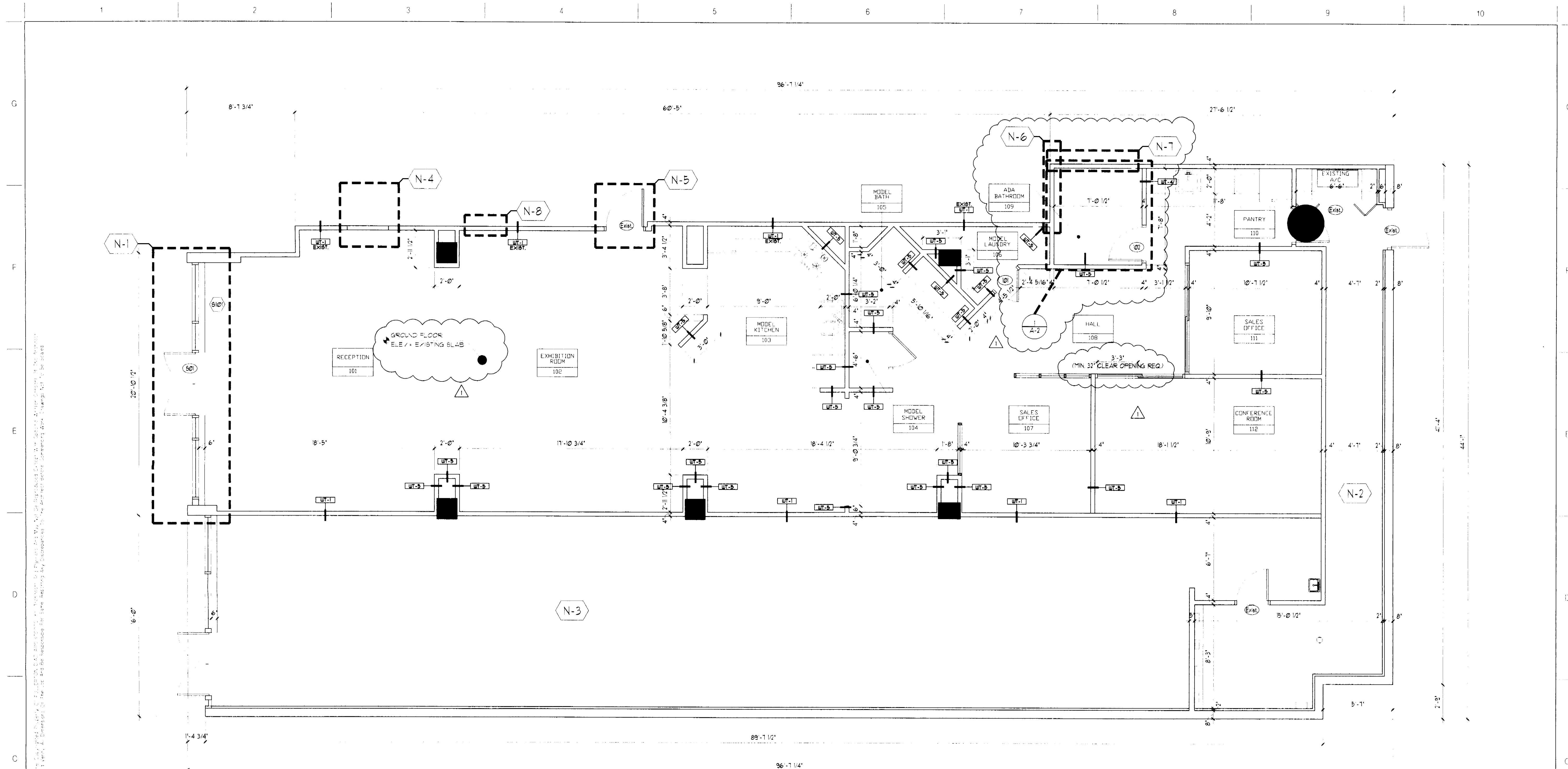
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**MECHANICAL  
FLOOR PLAN**

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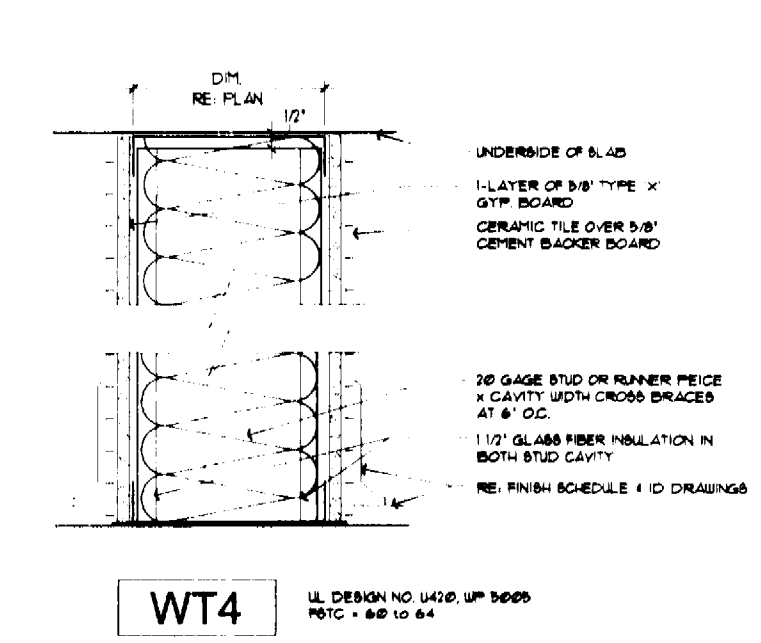
Sheet Number

## M2.01

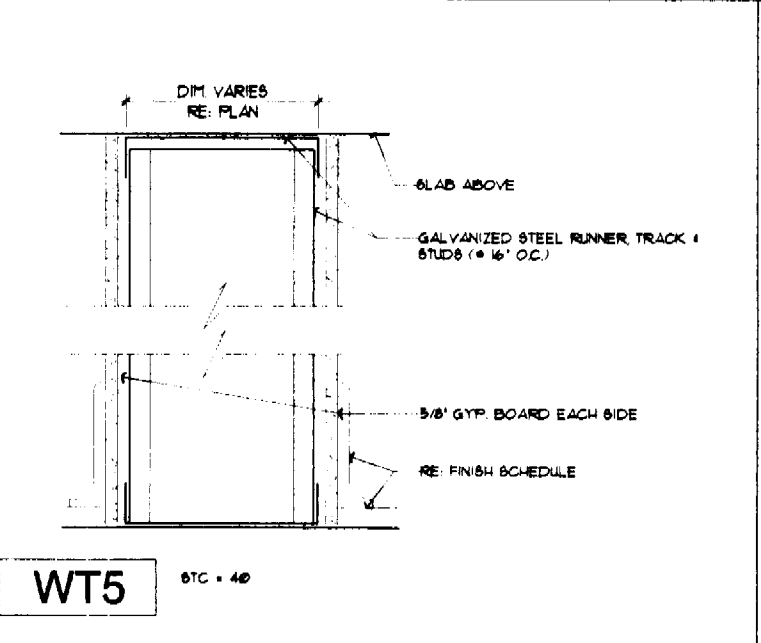
**SEI**  
COMPANIES  
2424 WILCREST DR, SUITE 200  
HOUSTON, TEXAS 77042-2756  
MAIN TELEPHONE: 713.785.1313  
FAX: 713.785.2556  
[WWW.SEICOMPANIES.COM](http://WWW.SEICOMPANIES.COM)



**TYPICAL 1 HR. FIRE RATED PARTITION**  
NOTE: FINISH ONLY ON TENANT SIDE.



**1 HR. FIRE RATED**



**TYPICAL INTERIOR PARTITION**

- PARTITIONS GENERAL NOTES**
1. DEMISING WALLS BETWEEN SUITES ARE 1-HR. FIRE RATED PER CODE.
  2. PROVIDE CONT. SEALANT BETWEEN WALL AND FIN. CLOS. (W/DOOR, GYP. BD, ETC.).
  3. PROVIDE PERIMETER CALKING AT ALL BATHROOMS.
  4. PROVIDE SOUND ATTENUATION BLANKET AT ALL OPENING TRANSITION LOCATIONS AND BATHROOM LINES.
  5. PROVIDE WATER RESISTANT PARTIAL AT ALL BATHROOMS, TOILET ROOMS, AND LOCKER ROOMS. WALLS NOT RECEIVING TILE OR STONE FINISH, AND AT ALL CEILING IN THOSE AREAS.
  6. USE MILDEW RESISTANT GYPSUM BOARD AT ALL WALLS RECEIVING TILE OR STONE FINISH.
  7. PROVIDE ALL SUITS WITH SOUND BATT INSULATION AROUND BATHROOMS AND CLOSET, AND ADJACENT TO PUBLIC CORRIDORS. REFER TO PLANS FOR ADDITIONAL AREAS.
  8. PROVIDE R-3 RIGID INSULATION TO INTERIOR FACE OF CONCRETE BLOCK WALLS + ALL EXTERIOR WALLS AS NOTED.
  9. EXPOSED EXTERIOR WALLS - STUCCO FINISH TO MATCH EXIST.
  10. COORDINATE ALL WALL TYPES WITH FINISH SCHEDULE AND INTERIOR DESIGN DRAWINGS.
  11. USE MILDEW RESISTANT (MR) BOARD AT ALL EXTERIOR WALLS + SHIRT WALLS.

**WALL TYPES**  
N.T.S.

**SALES OFFICE - FIRST LEVEL - FLOOR PLAN**

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

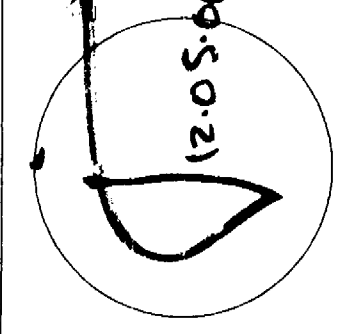
- GENERAL NOTES**
1. Contractor to field verify all existing conditions, dimensions.
  2. Refer to structural & MEP for corresponding information.
  3. Refer to ID for all finishes.
  4. 13' 6" ceiling height.
  5. 11'-0" ceiling height to drop ceiling.
  6. Refer to ID set for non-slip surface material.
  7. Refer to ID set for all built-in, furniture and cabinet details.

- NOTES**
- N-1. New storefront to be added on first level. Transition at threshold not to exceed 1/2".
  - N-2. Existing mechanical service area not part of tenant improvement work or permit.
  - N-3. Not part of tenant improvement work or permit.
  - N-4. 1 Hour fire rated new partition align with existing surface.
  - N-5. Relocated door.
  - N-6. Existing partition to provide backing for installation of req. grab bars.
  - N-7. Existing wall to receive cementitious backing board refer to ID drawings for tile finish.
  - N-8. Existing wall type tenant improvement to finish only.

**LEGEND**

|  |                                                         |
|--|---------------------------------------------------------|
|  | CONCRETE SHEAR WALL EXIST.                              |
|  | CMU WALL EXIST.                                         |
|  | CMU WALL WITH FURRING EXISTING                          |
|  | INTERIOR METAL STUD NEW AND GYP. BD. PARTITION EXISTING |
|  | INTERIOR PARTITION BY TENANT                            |

**FULLERTON DIAZ ARCHITECTS INC.**  
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Tel: (305) 443-1100  
Fax: (305) 443-1101  
www.fdiarch.com



**CABI - MIAMI BEACH**

340 WEST 42nd street

Scale: 1/4"=1'-0"  
Date: 10-21-08  
Project Designer: FDA  
Drawn By: FDA  
Checked By: FDA  
Job Number: 200802  
Submit: PERMIT  
File: Cabi-Miami Beach-1st Floor Plan

Drawing Title:  
**SALES OFFICE 1ST FLOOR PLAN**

| No. | Description   | Date     |
|-----|---------------|----------|
| 1   | CITY COMMENTS | 12-04-08 |
|     |               |          |
|     |               |          |
|     |               |          |
|     |               |          |
|     |               |          |
|     |               |          |
|     |               |          |
|     |               |          |
|     |               |          |

Sheet Number

**A-1**



1. Contractor to field verify all existing conditions & dimensions.
2. Storefront finish & look to match existing. G.C. to submit shop drawings for arch. & structure review.
3. NOT USED
4. For demolition specifications refer to demo plan 3rd floor.

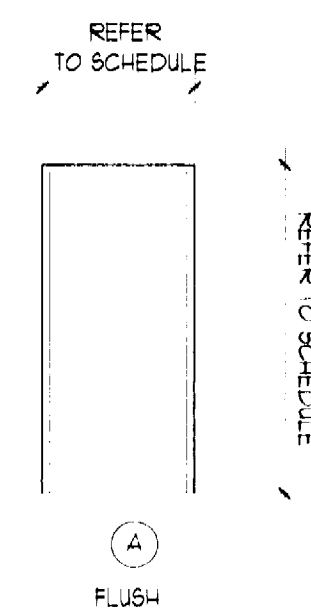
N-1, New storefront to be added on first level.

## DOOR SCHEDULE

[illegible]

## DOOR SCHEDULE

N.T.S.

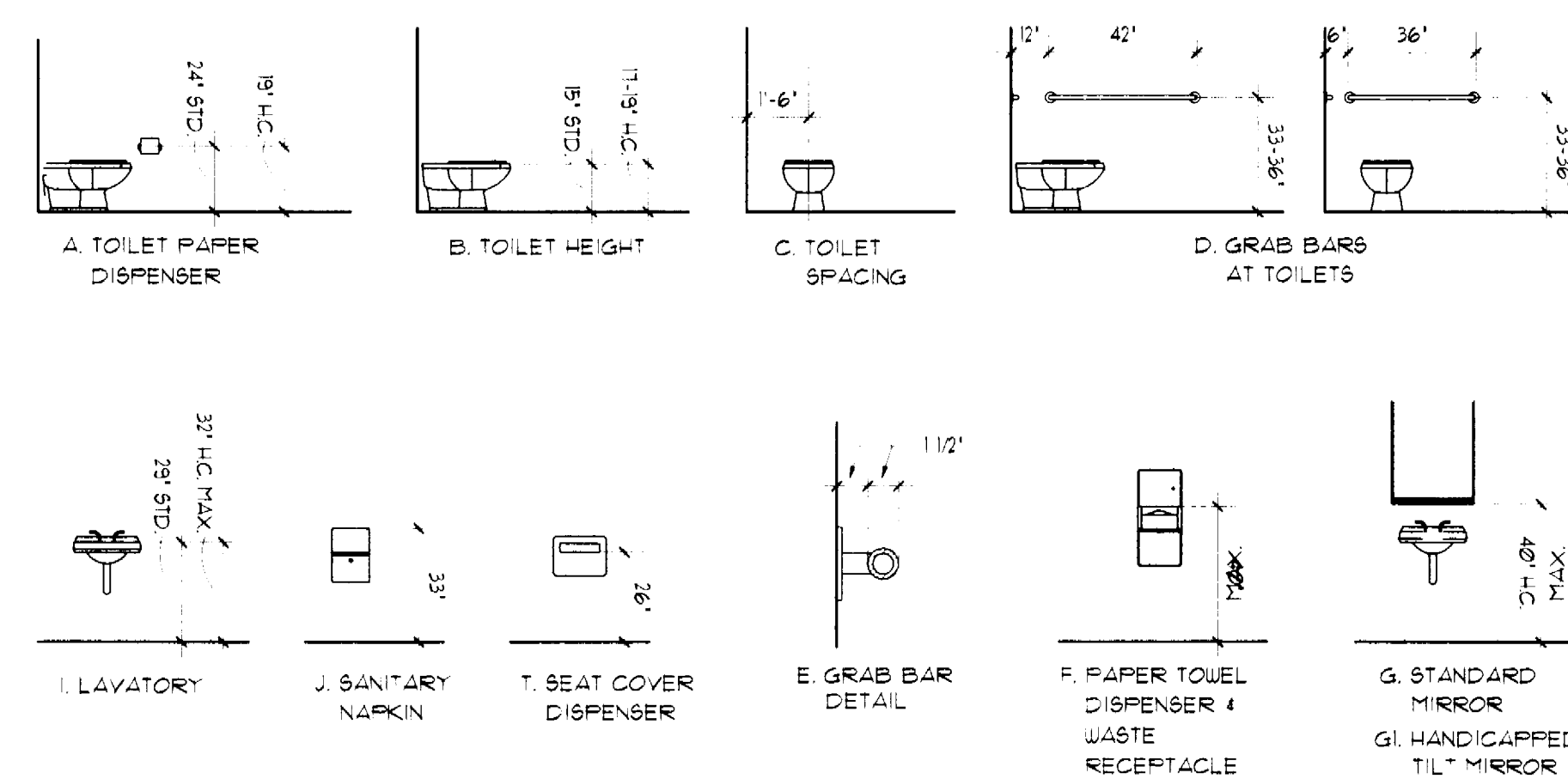
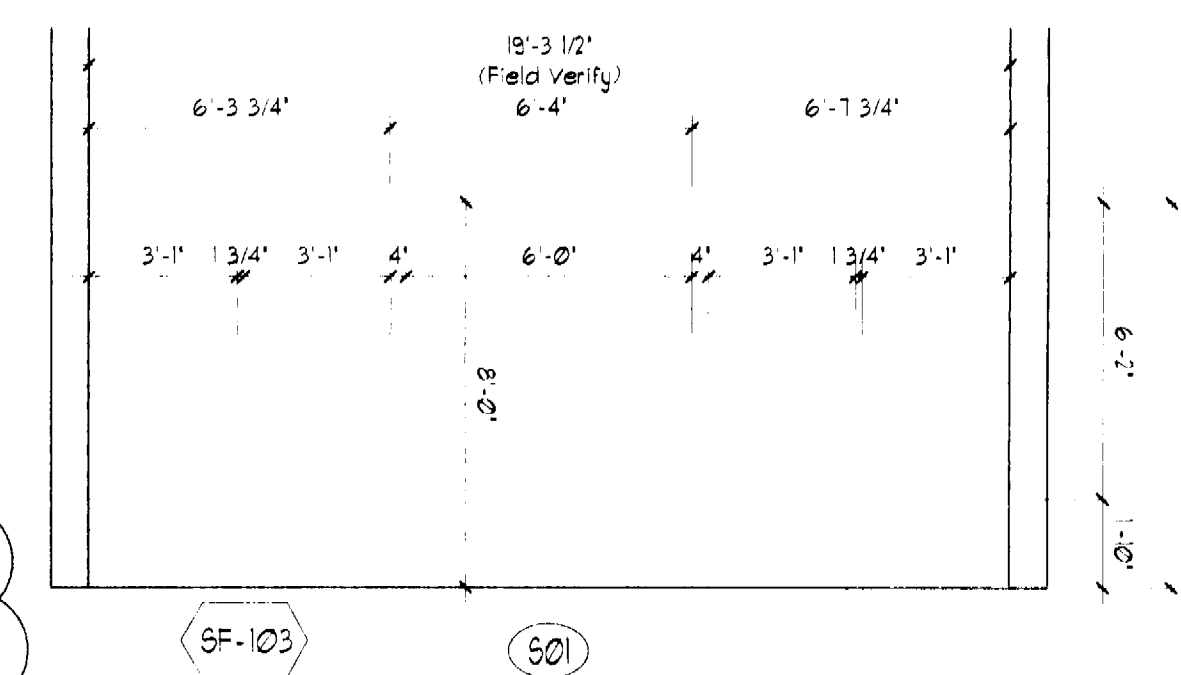


## STOREFRONT SCHEDULE

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## STOREFRONT SCHEDULE

N.T.S.



## ADA RESTROOM DETAILS

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

FULLERTON DIAZ ARCHITECTS INC.

# CABI - MIAMI BEACH

340 WEST 42nd street

Scale: 1/4"=1'0"

Date: 10-27-06

Project Designer: \_\_\_\_\_ FDA

Drawn By: \_\_\_\_\_ FDA

Checked By: \_\_\_\_\_ FDA

Job Number: 20526.02

Submittal: \_\_\_\_\_ PERMIT

File: Cabi-Miami Beach\201 Office Bldg

Drawing Title:  
**STORE FRONT &**

DOOR SCHED.

| Revisions |                                          |
|-----------|------------------------------------------|
| Rev       | Description                              |
| 1         | Initial Release                          |
| 2         | Added new section on data collection     |
| 3         | Revised the methodology section          |
| 4         | Updated references and added new sources |
| 5         | Final Review and Corrections             |

| NO. | Description   | Date:    |
|-----|---------------|----------|
| 1   | CITY COMMENTS | 12-24-20 |

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Sheet Number

10

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

**JOB CO.**  
**CITY OF MIAMI BEACH**  
**APPROVED FOR PERMIT BY**  
**THE FOLLOWING:**

JING: \_\_\_\_\_  
JING: \_\_\_\_\_  
RB/HPB: \_\_\_\_\_  
CONCURRENCY \_\_\_\_\_  
PLUMBING: \_\_\_\_\_  
ELECTRICAL \_\_\_\_\_  
MECHANICAL: *City* \_\_\_\_\_  
FIRE PREVENTION: \_\_\_\_\_  
ENGINEERING: \_\_\_\_\_  
PUBLIC WORKS: \_\_\_\_\_  
STRUCTURAL \_\_\_\_\_  
GEOTECHNICAL \_\_\_\_\_  
ELEVATOR: \_\_\_\_\_

As per Florida Building Code Section 104.  
REVIEWED FOR CODE COMPLIANCE:

| DRAWING NUMBER SYSTEM |            |                        |
|-----------------------|------------|------------------------|
| M0. XX                | MECHANICAL | LEGENDS AND NOTES      |
| M2. XX                | MECHANICAL | FLOOR PLANS (DUCTWORK) |
| M3. XX                | MECHANICAL | FLOOR PLANS (PIPING)   |
| M4. XX                | MECHANICAL | ENLARGED SCALE PLANS   |
| M5. XX                | MECHANICAL | SECTIONS, ELEVATIONS   |
| M6. XX                | MECHANICAL | RISER & FLOW DIAGRAMS  |
| M7. XX                | MECHANICAL | STANDARD DETAILS       |
| M8. XX                | MECHANICAL | SCHEDULES              |

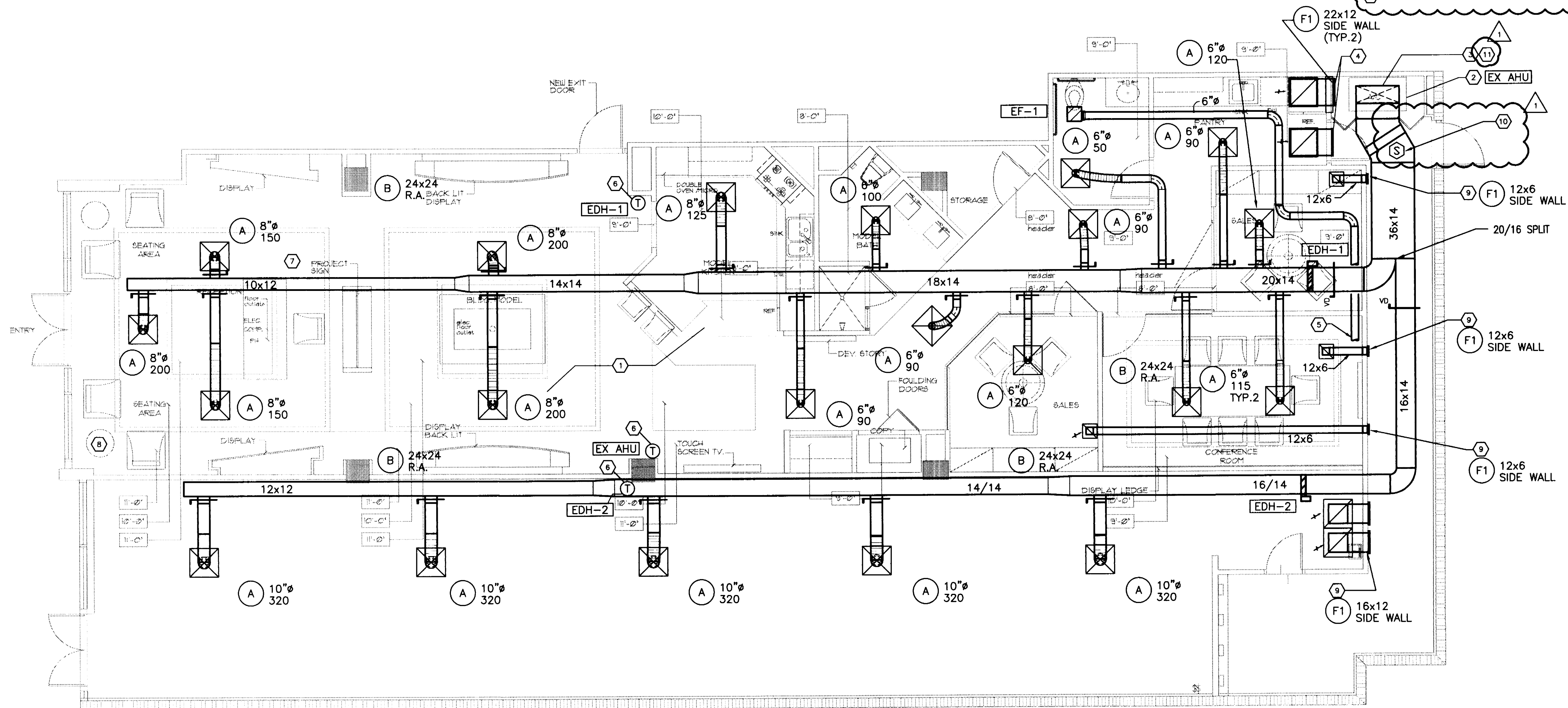
**AIR SYSTEM SPECIFIC TAGS**

**AHU-1** AIR HANDLING UNIT #1

**EF-1** EXHAUST FAN #1

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## KEYED NOTES

- 1 REMOVE ALL EXISTING DUCTWORK SYSTEMS IN THIS AREA IN ITS ENTIRETY BACK TO THE EXISTING AIR HANDLING UNIT.
- 2 EXISTING AIR HANDLING UNIT WITH OUTSIDE AIR MAKE UP W/VD SET AT 300 CFM.
- 3 CONNECT NEW SUPPLY AIR DUCT TO OUTLET OF EXISTING AIR HANDLING UNIT. COORDINATE WITH EXISTING OPENING SIZE OUTLET AND PROVIDE REQUIRED TRANSITION AS NEEDED TO ACCOMMODATE NEW DUCT SIZE.
- 4 22x12 GRILLE IN WALL ABOVE CEILING W/VD SET FOR 1000 CFM. TYPICAL FOR TWO.
- 5 CONNECT 6"Ø TO EXISTING MAIN EXHAUST DUCT AT THIS LOCATION. FIELD VERIFY.
- 6 COORDINATE FINAL NEW THERMOSTAT LOCATION WITH OWNER.
- 7 PROVIDE 5 KW INDEECO DUCT MOUNTED ELECTRIC DUCT HEATER AT 208/1/60 VOLTAGE. PROVIDE 3 STEP FUNCTION. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. TYPICAL FOR EDH-1 & 2.
- 8 SET THERMOSTAT AT 72° F DURING WINTER OPERATION.
- 9 INSTALL SIDEWALL GRILLE JUST BELOW CEILING. DUCT SIZE SHALL BE THE SAME SIZE AS SIDEWALL GRILLE.
- 10 PROVIDE SMOKE DETECTOR IN THE SUPPLY DUCT.
- 11 SET EXISTING OUTSIDE AIR DUCT DAMPER TO 510 CFM.

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FULLERTON DIAZ ARCHITECTS INC.

CABI SALES CENTER - 331 W. 41ST STREET

**MIAMI BEACH, FLORIDA**

Scale: \_\_\_\_\_ AS SHOWN  
Date: \_\_\_\_\_ 05-10-88  
Project Designer: \_\_\_\_\_ FDA  
Drawn By: \_\_\_\_\_ FDA  
Checked By: \_\_\_\_\_ FDA  
Job Number: \_\_\_\_\_ 20576 - CMH  
Submittal: \_\_\_\_\_ DEMOLITION PERMIT  
File: \_\_\_\_\_

Drawing Title:  
**MECHANICAL  
FLOOR PLAN**

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Sheet Number

## M2.01

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Chapman  
12/5/06

 **MECHANICAL FLOOR PLAN**  
SCALE: 1/4" = 1'-0"

ELECTRICAL SPECIFICATIONS

FURNISH AND INSTALL A COMPLETE ELECTRICAL SYSTEM AS INDICATED ON PLANS. COMPLY WITH THE CURRENT VERSION OF ALL APPLICABLE LAWS, RULES, REGULATIONS, AND ORDINANCES OF FEDERAL, STATE, AND LOCAL AUTHORITIES. PERFORM ALL WORK IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE. ELECTRICAL CONTRACTOR TO MAKE ALL FINAL CONNECTIONS TO ALL EQUIPMENT. WHERE THE WORD "PROVIDE" APPEARS ON THESE DRAWINGS OR IN THESE SPECIFICATIONS, IT SHALL BE CONSTRUED TO MEAN "FURNISH AND INSTALL COMPLETE AND READY FOR SAFE AND REGULAR USE."

MOLDED CASE CIRCUIT BREAKERS

PROVIDE MOLDED CASE CIRCUIT BREAKERS WHERE INDICATED ON THE DRAWINGS. NEW CIRCUIT BREAKER SHALL MATCH EXISTING IN RATING MANUFACTURER AND INTERRUPTING CAPACITY.

CIRCUIT BREAKER TRIPPING SHALL BE QUICK-MAKE, QUICK-BREAK, TRIP-FREE, THERMAL-MAGNETIC. BREAKERS SHALL BE A CIRCUIT INTERRUPTING DEVICE WHICH WILL OPERATE BOTH MANUALLY FOR NORMAL SWITCHING FUNCTIONS AND AUTOMATICALLY UNDER OVERLOAD AND SHORT CIRCUIT CONDITIONS. AUTOMATIC TRIPPING INDICATED BY HANDLE AT MIDPOINT POSITION. MULTIPLE POLE BREAKERS SHALL HAVE COMMON TRIP.

CIRCUIT BREAKERS SHALL HAVE INTERRUPTING RATINGS IN ACCORDANCE WITH THE RATING OF THE EQUIPMENT IN WHICH THE BREAKERS ARE INSTALLED, BUT IN NO CASE SHALL INTERRUPTING RATING BE LESS THAN 10,000 AMPS FOR 250 VOLT BREAKERS AND 14,000 AMPS FOR 600 VOLT BREAKERS.

FUSES

PROVIDE FUSES OF THE TYPES AND AMPERE RATINGS REQUIRED. FUSES SHALL HAVE A VOLTAGE RATING EQUAL TO, OR GREATER THAN, THE VOLTAGE AT THE POINT OF APPLICATION. ALL FUSES SHALL BE OF THE HIGH INTERRUPTING CAPACITY, CURRENT LIMITING TYPE, AND BE LISTED AND LABELED BY UNDERWRITERS' LABORATORIES. ALL FUSES SHALL BE OF THE SAME MANUFACTURER. WHERE CURRENT LIMITING DEVICES ARE USED, CONFORM TO ANY LET-THROUGH ENERGY PERFORMANCE CRITERIA INDICATED, SPECIFIED, OR OTHERWISE REQUIRED. PROVIDE SPARE FUSES.

FOR FUSES 600 AMPS AND BELOW PROVIDE DUAL ELEMENT USING SILVER ELEMENTS. SIMILAR TO BUSSMAN LOW-PEAK DUAL ELEMENT FUSES LPN-RK FOR 250 VOLT AND LPS-RK FOR 600 VOLT. UL CLASS SHALL BE RK-1. THE INTERRUPTING RATING SHALL BE 200,000 AMPS RMS SYMMETRICAL PEAK LET-THROUGH VALUES AS ESTABLISHED BY THE UL CLASS.

RACEWAY

PROVIDE COMPLETE RACEWAY SYSTEMS FOR ALL WIRING. PROVIDE RACEWAY IN ALL CASES WHERE REQUIRED BY CODES. WIRING SYSTEMS REQUIRING RACEWAY INCLUDE THE FOLLOWING: FEEDERS, BRANCH CIRCUITS, CONTROLS. WHERE INSTALLED IN POURED CONCRETE, OR SUBJECT TO STRESS FROM COLLISION OR IMPACT, CONDUIT SHALL BE GALVANIZED RIGID STEEL. WHERE RIGID STEEL CONDUIT IS NOT REQUIRED, CONDUCTORS SHALL BE INSTALLED IN ELECTRICAL METALLIC TUBING WITH ELECTRO-GALVANIZING OUTSIDE AND ENAMEL INSIDE. TUBING SHALL BE BY TRIANGLE OR AN APPROVED SUBSTITUTION. LIQUID-TIGHT FLEXIBLE METAL CONDUIT SHALL BE USED AT ALL MOTOR CONNECTIONS, OR WHERE MOVEMENT/VIBRATION IS A CONCERN. UNLESS NOTED OTHERWISE FLEXIBLE METAL CONDUIT MAY BE USED ONLY FOR CONNECTION TO LIGHTING FIXTURES, IN LENGTHS NOT TO EXCEED 6(SIX) FEET. MINIMUM CONDUIT SIZE SHALL BE 1/2 INCH. MINIMUM SIZE FOR FLEXIBLE METAL CONDUIT SHALL BE 1/2 INCH. PVC CONDUIT SHALL NOT BE USED. CONDUIT/CONDUCTOR FILL SHALL CONFORM TO NEC, LATEST EDITION.

CONDUIT ROUTING

CONCEAL ALL CONDUIT ABOVE CEILINGS, IN WALLS, AND IN FLOORS EXCEPT IN MECHANICAL/ELECTRICAL EQUIPMENT ROOMS AND JANITOR'S CLOSETS WHERE CONDUIT MAY BE EXPOSED. KEEP AT LEAST 12 INCHES AWAY FROM ANY HEAT PRODUCING ITEMS. CONCEALED CONDUIT MAY BE INSTALLED IN THE MOST DIRECT MANNER POSSIBLE. EXPOSED CONDUIT MAY BE RUN PARALLEL TO WALLS, CEILING OR STRUCTURAL MEMBERS, IN A MANNER TO PRESENT A NEAT APPEARANCE. DO NOT INSTALL HORIZONTAL SUSPENDED CONDUIT LOWER THAN 7 FEET ABOVE THE FINISHED FLOOR UNLESS REQUIRED TO SERVE SPECIFIC OUTLETS. CONDUIT IN AREAS OTHER THAN MECHANICAL/ELECTRICAL EQUIPMENT ROOMS SHALL BE INSTALLED TIGHT AGAINST FLOOR STRUCTURES ABOVE.

CONDUIT SUPPORT

PROVIDE ADEQUATE AND STURDY SUPPORT FOR ALL PARTS OF CONDUIT SYSTEM USING GALVANIZED STEEL MATERIALS. DO NOT ATTACH ANY PARTS OF CONDUIT SYSTEM TO AIR CONDITIONING DUCT SYSTEMS. SINGLE CONDUIT 1 INCH AND SMALLER MAY BE SECURED TO THE STRUCTURE USING HEAVY GAUGE WIRE HANGERS. CONDUIT CONCEALED IN CEILING CAVITIES MAY BE ATTACHED TO THE CEILING SUSPENSION SYSTEM BY MEANS OF CADDY CLIPS. SINGLE CONDUIT LARGER THAN 1 INCH SHALL BE SUPPORTED USING A PROPERLY SIZED CONDUIT HANGER WITH CLOSURE BOLT/NUT AND THREADED ROD. MULTIPLE CONDUITS SHALL BE SUPPORTED ON STEEL CHANNEL USING COMPATIBLE FITTINGS AND THREADED ROD PENDANTS.

CONDUIT FITTINGS

ALL NON-METALLIC CONDUIT FITTINGS SHALL BE SCHEDULE 40 OR SCHEDULE 80 POLYVINYL CHLORIDE CONDUIT (PVC) THAT MEET ALL REQUIREMENTS OF THE UNDERWRITERS' LABORATORIES STANDARDS FOR MEETING THE NATIONAL ELECTRICAL CODE REQUIREMENT FOR RIGID NONMETALLIC CONDUIT. ALL METALLIC CONDUIT FITTINGS SHALL BE STEEL, COMPRESSION TYPE, INSULATED THROAT, UL LISTED. FITTINGS SHALL BE AS MANUFACTURED BY APPLETON ELECTRIC, O.Z. GEDNEY CO., ARROW CONDUIT AND FITTINGS CORP. OR APPROVED SUBSTITUTION.

OUTLET BOXES

ALL ELECTRICAL OUTLET BOXES SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, AND SHALL BE U.L. LABELED.

CONDUCTORS

ALL CONDUCTORS SHALL BE COPPER. ALL WIRE SIZES INDICATED ON THE DRAWINGS ARE FOR COPPER. EACH CONDUCTOR SHALL BE CONTINUOUS, WITHOUT WELD, SPlice, OR JOINT THROUGHOUT ITS LENGTH, AND UNIFORM IN CROSS-SECTION. WIRE #8 AWG AND LARGER SHALL BE STRANDED AND HAVE TYPE "THHN" INSULATION. WIRE #10 AWG AND SMALLER SHALL BE SOLID AND HAVE DUAL RATED TYPE "THHN/THWN" INSULATION. MINIMUM WIRE SIZE, EXCEPT FOR CONTROL WIRING SHALL BE #12 AWG.

CONDUCTORS GROUPED IN A COMMON RACEWAY ARE TO COMPLY WITH NEC CONDUCTOR DERATING AND CONDUIT FILL CAPACITIES, GOING TO LARGER GAUGE WIRE WHEN REQUIRED. DIFFERENT PHASE CONDUCTORS MAY SHARE A COMMON NEUTRAL IN COMPLIANCE WITH NEC REQUIREMENTS.

PROPERLY COLOR CODE ALL CONDUCTORS ACCORDING TO INDUSTRY CONVENTION USING COLORED INSULATION OR SCOTCH VINYL #35 TAPE.

WIRING DEVICES

PROVIDE ALL WIRING DEVICES SHOWN ON DRAWINGS COMPLETELY AND PROPERLY WIRED INCLUDING A SECURE GROUND CONNECTION. ALL DEVICES SHALL BE INSTALLED IN OUTLET BOXES OF REQUIRED SIZE AND VOLUME.

GENERAL PURPOSE RECEPTACLES SHALL BE HUBBELL 5282 SERIES. ISOLATED GROUND RECEPTACLES SHALL BE HUBBELL IG-5382-ORANGE WITH ISOLATED GROUND CONNECTION. GROUND FAULT INTERRUPT RECEPTACLES (MARKED "GFCI") SHALL BE HUBBEL GF-5282. ALL OUTLETS SHALL MATCH WALL COLOR. VERIFY ALL MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO ROUGH-IN.

OFFICE TYPE AREA WALL SWITCHES SHALL BE SPECIFICATION GRADE ROCKER SWITCHES WITH 20A-120-277V AC CONTACTS. PROVIDE SINGLE POLE ROCKER TYPE UNLESS DRAWINGS INDICATE 3-WAY, 4-WAY, DOUBLE POLE, KEY OPERATED, SPOT MOMENTARY, OR ANY OTHER SPECIAL FEATURES. PASS & SEYMOUR SIERRAPLEX SPECTRUM 21 28020 SERIES.

STANDARD WALL SWITCHES SHALL BE SPECIFICATION GRADE WITH 20A-120- 277V AC CONTACTS. PROVIDE SINGLE POLE TOGGLE TYPE UNLESS DRAWINGS INDICATE 3-WAY, 4-WAY, DOUBLE POLE, KEY OPERATED, SPOT MOMENTARY, OR ANY OTHER SPECIAL FEATURES. PASS & SEYMOUR 5020 SERIES.

SPECIAL PURPOSE SWITCHES USED FOR DISCONNECTION PURPOSES (SMALL WATER HEATERS, DUCT HEATERS, ETC.) SHALL BE SAME AS "STANDARD WALL SWITCHES" ABOVE. PROVIDE 30 AMP CONTACTS (PASS & SEYMOUR 30AC SERIES) WHERE NECESSARY. PROVIDE SWITCHES WITH HORSEPOWER RATING ADEQUATE FOR THE MOTOR BEING SWITCHED.

WHERE MORE THAN ONE SWITCH OCCURS AT THE SAME LOCATION, THEY SHALL BE GANGED UNDER ONE COVERPLATE, INSTALLED IN BOXES IN UNIFORM POSITION, SET TO OPEN AND CLOSE CIRCUITS BY MOVING IN THE SAME DIRECTION THROUGHOUT THE JOB. ALL SWITCHES TO MATCH WALL COLOR. WHERE RELOCATION OF OUTLETS, BOXES, SWITCHES AND OTHER DEVICES IS REQUIRED WITHIN FIVE(5)FEET OF LOCATION SHOWN ON DRAWINGS, AND WHEN CONTRACTOR IS INFORMED OF NECESSARY RELOCATION BEFORE WORK IS BEGUN ON THIS PORTION OF THE JOB, NO EXTRA COMPENSATION WILL BE ALLOWED FOR RELOCATION.

GROUNDING

PROVIDE EQUIPMENT ENCLOSURE GROUND SYSTEM. ALL FEEDERS AND BRANCH CIRCUITS SHALL CONTAIN A GROUNDING NON-CURRENT CARRYING EQUIPMENT GROUNDING CONDUCTOR PER THE FOLLOWING:

FEEDERS: METALLIC CONDUIT SYSTEM, OR IF NON-METALLIC, A COPPER CONDUCTOR RUNNING IN THE SAME CONDUIT.

BRANCH CIRCUITS: A COPPER CONDUCTOR RUNNING IN THE SAME CONDUIT. WHERE TYPE AC CABLE IS USED, PROVIDE A GROUND CONDUCTOR BONDING STRIP.

EQUIPMENT IDENTIFICATION

A BLACK AND WHITE LAMINATED PLASTIC ENGRAVED IDENTIFYING NAMEPLATE SHALL BE FASTENED TO EACH LIGHTING/APPLIANCE PANELBOARD AND METER BASE. IDENTIFYING NAMEPLATES SHALL HAVE 1/2-INCH HIGH ENGRAVED LETTERS. EACH LIGHTING/APPLIANCE PANELBOARD AND METER BASE SHALL HAVE A NAMEPLATE SHOWING THE LOAD SERVED IN 1/4-INCH HIGH ENGRAVED LETTERS, AN EMBOSSED PLASTIC TAPE IDENTIFYING LABEL AND TERMINAL CABINET.

CARDHOLDERS AND DIRECTORY CARDS SHALL BE FURNISHED FOR CIRCUIT IDENTIFICATION IN LIGHTING/APPLIANCE PANELBOARDS. CARDHOLDER SHALL BE LOCATED ON INSIDE OF PANEL DOOR AND SHALL BE IN A METAL FRAME WITH CLEAR PLASTIC FRONT. CIRCUIT LISTS SHALL BE TYPEWRITTEN. CIRCUIT DESCRIPTIONS SHALL INCLUDE CURRENT LOCATION AND NAME OF EACH ITEM OF EQUIPMENT SERVED. COMPLETELY LABEL ALL CIRCUITS.

TELEPHONE/DATA

CONDUIT SHALL IN NO CASE BE LESS THAN 3/4 INCH. INDOOR CONDUIT SHALL BE ENT.

PROVIDE A HOLE IN THE WALL WITH A PULL CORD UP THE WALL, THROUGH THE CEILING PLATE, AND INTO THE CEILING CAVITY FOR ALL TELEPHONE AND/OR DATA OUTLETS.

DISCONNECTS

PROVIDE ALL SAFETY DISCONNECT SWITCHES INDICATED ON THE DRAWINGS AND AT ALL MECHANICAL EQUIPMENT. PROVIDE HEAVY DUTY TYPE SAFETY SWITCHES SIMILAR TO GENERAL ELECTRIC TYPE TH. ALL SWITCHES SHALL BE FUSIBLE, EXCEPT THOSE INDIVIDUALLY ENCLOSED SAFETY SWITCHES INDICATED AS NON-FUSIBLE. PROVIDE NEMA 1 ENCLOSURE FOR NORMAL INDOOR INSTALLATIONS AND NEMA 3R ENCLOSURE FOR INSTALLATIONS OUTDOORS AND IN WET AREAS. COMPLY WITH CODE REQUIREMENTS FOR OTHER ENVIRONMENTS. PROVIDE EXTERNALLY OPERATED HANDLES WITH PROVISIONS FOR PADLOCKING IN THE OFF OR ON POSITION.

SWITCH RATINGS SHALL BE SIZED LARGE ENOUGH FOR THE APPLIED LOAD. SWITCHES SERVING MOTORS SHALL BE HORSEPOWER RATED FOR THE INSTALLED MOTOR. VOLTAGE RATINGS SHALL BE SUFFICIENT FOR THE INSTALLED CIRCUIT VOLTAGE. TOGETHER WITH THE SPECIFIED FUSES (IF SWITCH IS FUSIBLE) THE SWITCH SHALL SAFELY AND WITHOUT FAILURE WITHSTAND SHORT CIRCUITS ON A SYSTEM CAPABLE OF DELIVERING UP TO 200,000 AMPS RMS SYMMETRICAL AT THE APPLIED VOLTAGE. INSTALL SWITCHES SECURELY TO WALLS. WHERE WALL IS NOT AVAILABLE, PROVIDE UNISTRUT SUPPORT STRUCTURE.

12/5/06

THIS SHEET HAS BEEN ADDED.

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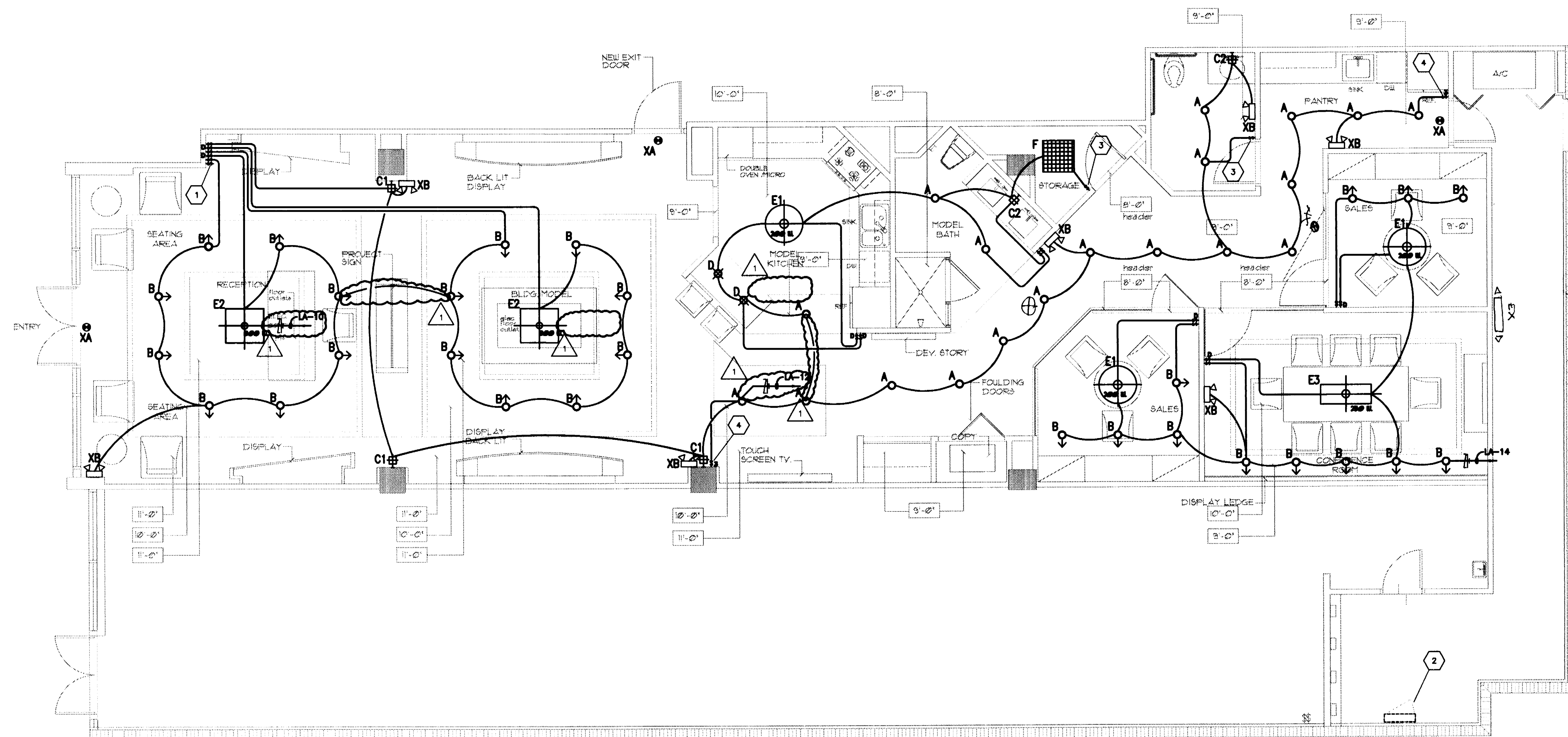
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CABI SALES CENTER - 331 W. 41ST STREET  
MIAMI BEACH, FLORIDA

Scale: AS SHOWN  
Date: 05-05-06  
Project Designer: RDA  
Drawn By: RDA  
Checked By: RDA  
Job Number: 306104 - Cabi  
Submital: DISCUSSION POINT  
File:  
Drawing Title:  
ELECTRICAL  
SPECIFICATIONS  
Revisions  
No. Description Date:  
1 ISSUE FOR PERMIT 11/15/06  
CITY COMMENTS 12/05/06  
Sheet Number  
E-002

1. ALL EMERGENCY LIGHT FIXTURES/EXIT SIGNS SHALL BE UNSWITCHED.
2. CIRCUIT EXIT SIGNS TO NEAREST EXISTING 120V EMERGENCY CIRCUIT.

1. AUTOMATIC MASTER SWITCH SHALL TURN OFF ALL LIGHTING IN THIS ROOM.
2. EXISTING PANEL "LA".
3. PROVIDE INFRARED OCCUPANCY SENSOR WITHIN SWITCH. CATALOG # LIRW-277-WH BY LITHONIA OR EQUAL.
4. THREEWAY SWITCH TO CONTROL CORRIDOR LIGHTS.



**VOID**

 **LIGHTING FLOOR PLAN**  
SCALE: 1/4" = 1'-0"

*[Signature]*  
12/5/06

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CABI SALES CENTER - 331 W. 41ST STREET

MIAMI BEACH FLORIDA

Scale: AS SHOWN  
Date: 05-10-00  
Project Designer: FDA  
Drawn By: FDA  
Checked By: FDA  
Job Number: 20689 - Cell  
Submittal: DEMOLITION PERMIT  
File: \_\_\_\_\_

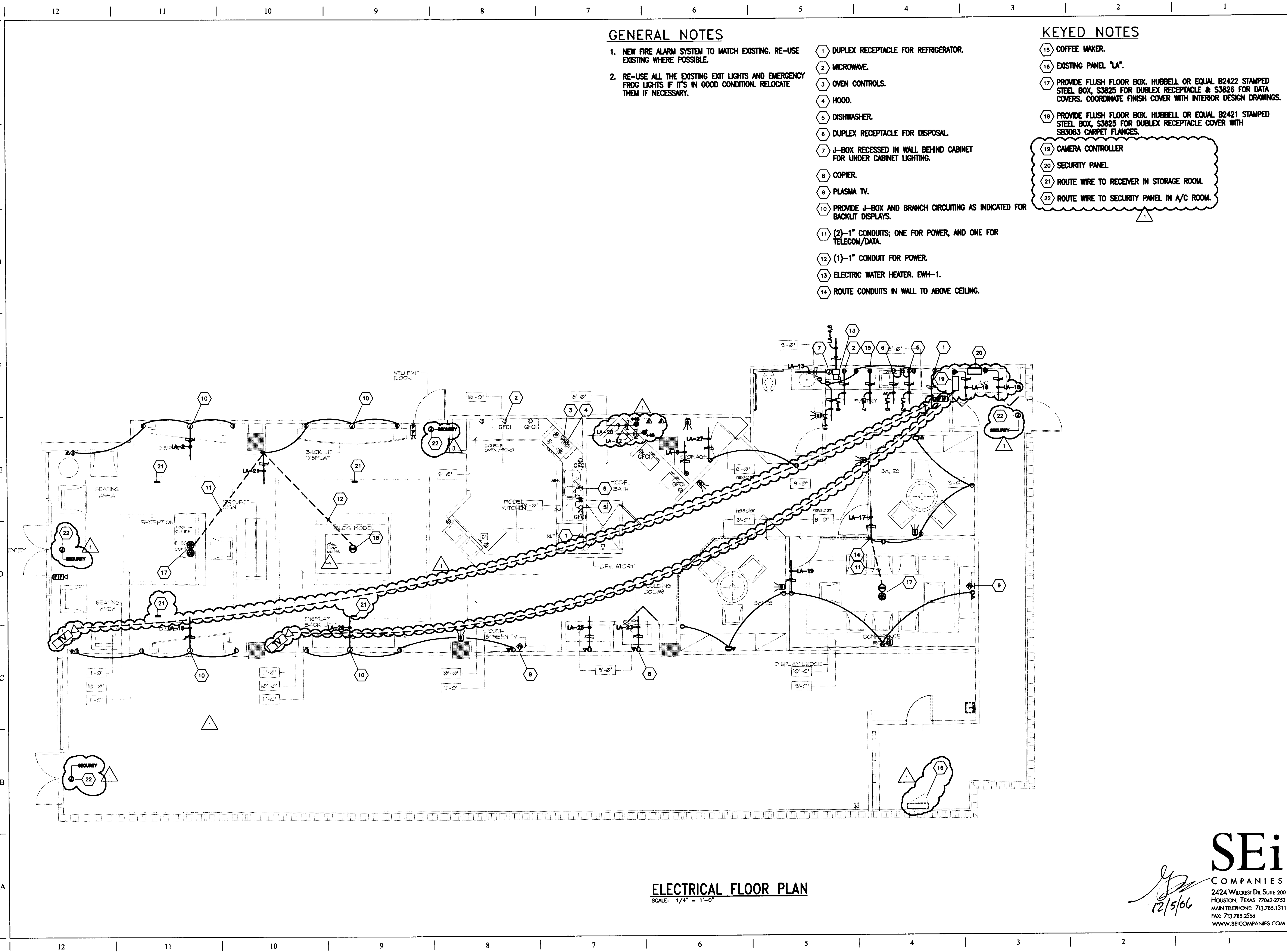
Drawing Title:  
**LIGHTING  
FLOOR PLAN**

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Sheet Number

**E-201**

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User: 00zeilk  
Date/Time: Dec 05, 2006 1:42pm



### GENERAL NOTES

1. NEW FIRE ALARM SYSTEM TO MATCH EXISTING. RE-USE EXISTING WHERE POSSIBLE.
2. RE-USE ALL THE EXISTING EXIT LIGHTS AND EMERGENCY FROG LIGHTS IF IT'S IN GOOD CONDITION. RELOCATE THEM IF NECESSARY.

1. DUPLEX RECEPTACLE FOR REFRIGERATOR.
2. MICROWAVE.
3. OVEN CONTROLS.
4. HOOD.
5. DISHWASHER.
6. DUPLEX RECEPTACLE FOR DISPOSAL.
7. J-BOX RECESSED IN WALL BEHIND CABINET FOR UNDER CABINET LIGHTING.
8. COPIER.
9. PLASMA TV.
10. PROVIDE J-BOX AND BRANCH CIRCUITING AS INDICATED FOR BACKLIT DISPLAYS.
11. (2)-1" CONDUITS; ONE FOR POWER, AND ONE FOR TELECOM/DATA.
12. (1)-1" CONDUIT FOR POWER.
13. ELECTRIC WATER HEATER. EWH-1.
14. ROUTE CONDUITS IN WALL TO ABOVE CEILING.

### KEYED NOTES

15. COFFEE MAKER.
16. EXISTING PANEL "LA".
17. PROVIDE FLUSH FLOOR BOX, HUBBELL OR EQUAL B2422 STAMPED STEEL BOX, S3825 FOR DUPLEX RECEPTACLE & S3826 FOR DATA COVERS. COORDINATE FINISH COVER WITH INTERIOR DESIGN DRAWINGS.
18. PROVIDE FLUSH FLOOR BOX, HUBBELL OR EQUAL B2421 STAMPED STEEL BOX, S3825 FOR DUPLEX RECEPTACLE COVER WITH S83083 CARPET FLANGES.
19. CAMERA CONTROLLER
20. SECURITY PANEL
21. ROUTE WIRE TO RECEIVER IN STORAGE ROOM.
22. ROUTE WIRE TO SECURITY PANEL IN A/C ROOM.

**ELECTRICAL FLOOR PLAN**  
SCALE: 1/4" = 1'-0"

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**FULLERTON DIAZ ARCHITECTS INC.**  
CABI SALES CENTER - 331 W. 41ST STREET  
MIAMI BEACH, FLORIDA

Scale: AS SHOWN  
Date: 08-2-06  
Project Designer: FDA  
Drawn By: FDA  
Checked By: FDA  
Job Number: 306104  
Submital: CONSULTATION PERMIT  
File:  
Drawing Title:  
**ELECTRICAL FLOOR PLAN**  
Revisions:  

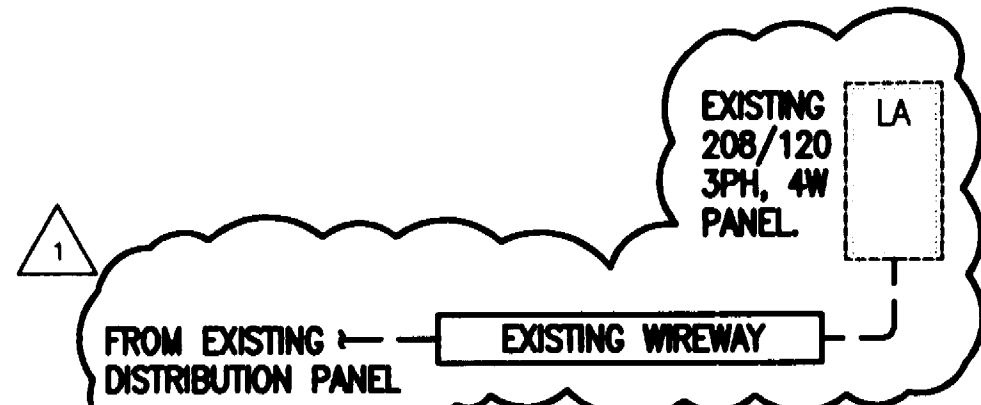
| No. | Description      | Date     |
|-----|------------------|----------|
| 1   | ISSUE FOR PERMIT | 11/15/06 |
| 2   | CITY COMMENTS    | 12/05/06 |

  
Sheet Number  
**E-301**

| LOAD ANALYSIS                                     |      |      |         |         |         |         |                                                   |  |  |
|---------------------------------------------------|------|------|---------|---------|---------|---------|---------------------------------------------------|--|--|
| AREA IN SQUARE FEET                               |      |      |         |         |         |         |                                                   |  |  |
| 208 VOLT P-P<br>120 VOLT P-N<br>3 PHASE<br>4 WIRE |      |      |         |         |         |         |                                                   |  |  |
| DESCRIPTION                                       | LOAD |      |         |         |         |         | REMARKS ON NEC CALCULATION                        |  |  |
|                                                   | COR. | NEC  | PHASE A | PHASE B | PHASE C | NEUTRAL |                                                   |  |  |
|                                                   | (VA) | (VA) | (AMPS)  | (AMPS)  | (AMPS)  | (AMPS)  |                                                   |  |  |
| ELECTRIC HEAT                                     |      |      |         |         |         |         | LESS THAN A/C                                     |  |  |
| A/C REFRIGERATION                                 |      |      |         |         |         |         | 100% of CONNECTED                                 |  |  |
| MISCELLANEOUS MOTORS                              |      |      |         |         |         |         | 100% of CONNECTED                                 |  |  |
| WATER HEATING                                     | 9.5  | 9.5  | 28.4    | 28.4    | 28.4    | 28.4    | 100% of CONNECTED                                 |  |  |
| OUTDOOR LIGHTING                                  |      |      |         |         |         |         | 125% of CONNECTED                                 |  |  |
| INDOOR LIGHTING                                   | 3.4  | 4.2  | 11.7    | 11.7    | 11.7    | 11.7    | 125% of the LARGER of CONNECTED OR TABLE 220-3(a) |  |  |
| RECEPTACLES                                       | 7.8  | 7.8  | 21.0    | 21.0    | 21.0    | 21.0    | NEC TABLE 220-13                                  |  |  |
| EXISTING DEMAND                                   |      |      |         |         |         |         | NOT APPLICABLE                                    |  |  |
| MISCELLANEOUS CONTINUOUS                          |      |      |         |         |         |         | 125% of CONNECTED                                 |  |  |
| MISCELLANEOUS NON-CONTINUOUS                      | 8.1  | 8.1  | 22.5    | 22.5    | 22.5    | 22.5    | 100% of CONNECTED                                 |  |  |
| KITCHEN EQUIPMENT                                 |      |      |         |         |         |         | NO COMMERCIAL KITCHEN                             |  |  |
| 225 LARGEST MOTOR                                 |      |      |         |         |         |         | 25% of LARGEST MOTOR ADDED                        |  |  |
| *** TOTALS ***                                    | 28.5 | 28.4 | 81.8    | 81.8    | 81.8    | 81.8    |                                                   |  |  |
| *** CAPACITY ***                                  |      |      | 225.0   | 225.0   | 225.0   | 225.0   |                                                   |  |  |
| *** SPARE CAPACITY ***                            |      |      | 143.4   | 143.4   | 143.4   | 143.4   |                                                   |  |  |

## GENERAL NOTES

- CONTRACTOR SHALL FIELD VERIFY EXISTING 120/208, 3 PHASE PANEL HAS ADEQUATE CAPACITY TO ACCOMMODATE NEW LOADS. IF NOT, PROVIDE NEW TRANSFORMER, PANELBOARD SIZED APPROPRIATELY TO CARRY OF EXISTING 480/277 PANEL.
- CONTRACTOR SHALL FIELD VERIFY EXISTING 120/208 PANEL HAS ADEQUATE SPACES/SPACES TO ACCOMMODATE NEW CIRCUITS. IF NOT PROVIDE NEW PANEL SIZED APPROPRIATELY TO ACCOMMODATE NEW CIRCUITS. SERVE NEW PANEL FROM EXISTING.
- NEW BREAKERS IF ADDED, SHALL MATCH EXISTING.



## 1 PARTIAL RISER DIAGRAM NO SCALE

# SECTION 2: PANEL SCHEDULE

## REMARKS

1. EXISTING PANEL TO REMAIN

## LIGHTING PANEL LOAD

225 AMP MCB  
208 VOLT P-P  
120 VOLT P-N  
3 PHASE  
4 WIRE

10000 AC SYMMETRICAL

| C PH<br>(AMP) | B PH<br>(AMP) | A PH<br>(AMP) | N<br>(AMP) | LOAD<br>(VA) | TYPE | DESCRIPTION        | WIRE | OUT BUR<br>AMP /P | NO | NO | OUT BUR<br>AMP /P | WIRE | DESCRIPTION    | TYPE | LOAD<br>(VA) | N<br>(AMP) | A PH<br>(AMP) | B PH<br>(AMP) | C PH<br>(AMP) |
|---------------|---------------|---------------|------------|--------------|------|--------------------|------|-------------------|----|----|-------------------|------|----------------|------|--------------|------------|---------------|---------------|---------------|
|               |               | 8.3           | 8.3        | 1000         | MH   | REFRIGERATOR       | #12  | 20 /1             | 1  | 2  | 20 /1             | #12  | RECEPTACLES    | RP   | 1040         |            | 8.7           |               |               |
|               |               | 8.3           | 8.3        | 1000         | MH   | DISHWASHER         | #12  | 20 /1             | 3  | 4  | 80 /2             | #12  | DISH-1         | WH   | 9500         |            |               | 45.7          |               |
| 4.2           |               | 4.2           | 4.2        | 500          | MH   | DISPOSAL           | #12  | 20 /1             | 5  | 6  |                   |      |                | WH   |              |            |               |               | 45.7          |
|               |               | 8.3           | 8.3        | 1000         | MH   | COFFEE             | #12  | 20 /1             | 7  | 8  | 20 /1             | #12  | STEREO         | MH   | 1100         | 8.2        | 8.2           |               |               |
|               |               | 8.3           | 8.3        | 1000         | MH   | MICROWAVE          | #12  | 20 /1             | 9  | 10 | 20 /1             | #12  | LIGHTING       | LT   | 1282         | 10.5       |               | 10.5          |               |
| 4.5           |               | 4.5           | 4.5        | 540          | RP   | RECEPTACLES        | #12  | 20 /1             | 11 | 12 | 20 /1             | #12  | LIGHTING       | LT   | 1070         | 8.8        |               |               | 8.8           |
|               |               | 4.2           | 4.2        | 500          | MH   | UNDER CABINET LIT. | #12  | 20 /1             | 13 | 14 | 20 /1             | #12  | LIGHTING       | LT   | 1034         | 8.8        | 8.8           |               |               |
|               |               | 8.7           | 8.7        | 1040         | RP   | RECEPTACLES        | #12  | 20 /1             | 15 | 16 | 20 /1             | #12  | SECURITY PANEL | RP   | 800          | 5.0        |               | 5.0           |               |
| 9.0           |               | 9.0           | 9.0        | 1080         | RP   | RECEPTACLES        | #12  | 20 /1             | 17 | 18 | 20 /1             | 2E   | CAMERA PANEL   | RP   | 800          | 5.0        |               |               | 5.0           |
|               |               | 9.0           | 9.0        | 1080         | RP   | RECEPTACLES        | #12  | 20 /1             | 19 | 20 | 20 /1             | #12  | AUDIO SYSTEM   | RP   | 1000         | 8.3        | 8.3           |               |               |
|               |               | 11.7          | 11.7       | 1400         | RP   | RECEPTACLES        | #12  | 20 /1             | 21 | 22 | 20 /1             | #12  | AUDIO SYSTEM   | RP   | 1000         | 8.3        |               |               | 8.3           |
| 8.3           |               | 8.3           | 8.3        | 1000         | MH   | COPPER             | #12  | 20 /1             | 23 | 24 | 20 /1             | ---  | SHWIR          |      |              |            |               |               |               |
|               |               | 8.3           | 8.3        | 1000         | MH   | FAX                | #12  | 20 /1             | 25 | 26 | 20 /1             | ---  | SHWIR          |      |              |            |               |               |               |
|               |               | 3.0           | 3.0        | 360          | RP   | RECEPTACLES        | #12  | 20 /1             | 27 | 28 | 20 /1             | ---  | SHWIR          |      |              |            |               |               |               |
| 8.7           |               | 8.7           | 8.7        | 1000         | RP   | RECEPTACLES        | #12  | 20 /1             | 29 | 30 | 20 /1             | ---  | SHWIR          |      |              |            |               |               |               |

## CONNECTED LOADS

| C PH<br>(AMP) | B PH<br>(AMP) | A PH<br>(AMP) | N<br>(AMP) | LOAD<br>(VA) | TYPE | DESCRIPTION          |
|---------------|---------------|---------------|------------|--------------|------|----------------------|
|               |               |               |            |              | HT   | ELECTRIC HEAT        |
|               |               |               |            |              | AC   | A/C REFRIGERATION    |
|               |               |               |            |              | MH   | MISC. MOTORS         |
| 45.7          | 45.7          |               |            | 9500         | WH   | WATER HEATING        |
|               |               |               |            |              | OL   | OUTDOOR LIGHTING     |
| 8.8           | 10.5          | 8.8           | 10.5       | 3388         | LT   | INDOOR LIGHTING      |
| 27.1          | 38.6          | 28.0          | 38.6       | 10780        | RP   | RECEPTACLES          |
|               |               |               |            |              | EX   | EXISTING DEMAND      |
|               |               |               |            |              | MC   | MISC. CONTINUOUS     |
| 12.5          | 18.7          | 38.3          | 38.3       | 8100         | MH   | MISC. NON-CONTINUOUS |
|               |               |               |            |              | KT   | KITCHEN EQUIPMENT    |
|               |               |               |            |              | SF   | SUB-FEED             |
| 84.2          | 108.5         | 72.8          | 72.8       | 31748        |      | *** TOTAL ***        |
|               |               |               |            |              |      | LARGEST MOTOR        |

## NEC COMPUTED LOADS

| NEC           | DESCRIPTION          | TYPE | LOAD<br>(VA) | N<br>(AMP) | A PH<br>(AMP) | B PH<br>(AMP) | C PH<br>(AMP) |
|---------------|----------------------|------|--------------|------------|---------------|---------------|---------------|
| FEET          |                      |      |              |            |               |               |               |
| 0.00          | ELECTRIC HEAT        | HT   |              |            |               |               |               |
| 1.00          | A/C REFRIGERATION    | AC   |              |            |               |               |               |
| 1.00          | MISC. MOTORS         | MH   |              |            |               |               |               |
| 1.00          | WATER HEATING        | WH   | 9500         |            |               |               | 45.7          |
| 1.25          | OUTDOOR LIGHTING     | OL   |              |            |               |               |               |
| 1.25          | INDOOR LIGHTING      | LT   | 4208         | 13.1       | 10.8          | 13.1          | 11.1          |
| 220-13        | RECEPTACLES          | RP   | 10380        | 30.3       | 28.1          | 35.3          | 28.2          |
| 1.25          | EXISTING DEMAND      | EX   |              |            |               |               |               |
| 1.25          | MISC. CONTINUOUS     | MC   |              |            |               |               |               |
| 1.00          | MISC. NON-CONTINUOUS | MH   | 8100         | 38.3       | 38.3          | 18.7          | 12.5          |
| 0.85          | KITCHEN EQUIPMENT    | KT   |              |            |               |               |               |
| 1.00          | SUB-FEED             | SF   |              |            |               |               |               |
| FEED-THRU     |                      |      |              |            |               |               |               |
| 0.25          | LARGEST MOTOR        |      |              |            |               |               |               |
| *** TOTAL *** |                      |      | 32188        | 74.1       | 74.1          | 110.8         | 85.5          |

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CABI SALES CENTER - 331 W. 41ST STREET  
MIAMI BEACH, FLORIDA

Scale: AS SHOWN  
Date: 05-05-06  
Project Designer: FDA  
Drawn By: FDA  
Checked By: FDA  
Job Number: 20058 - CSM  
Submital: CONSULTATION PERMIT  
File:

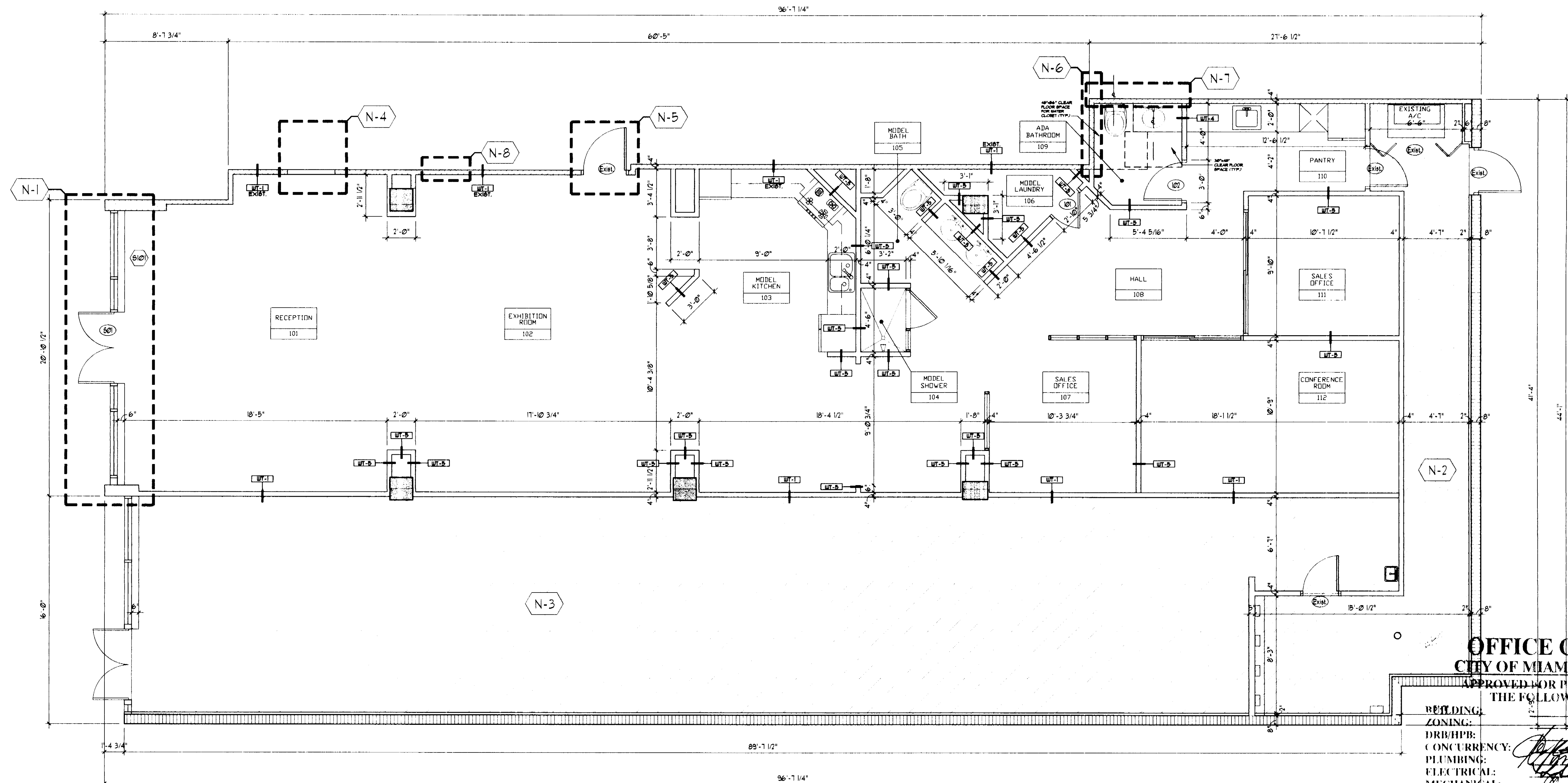
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PANEL  
SCHEDULES

Revisions  
No. Description Date:  
1 CITY COMMENTS 12/05/06

Sheet Number

E-801

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APPROVED FOR PERMIT BY  
THE FOLLOWING:

RECORDING:  
ZONING:  
DRB/HPB:  
CONCURRENCY:  
PLUMBING:  
ELECTRICAL:  
MECHANICAL:  
FIRE PREVENTION:  
ENGINEERING:  
PUBLIC WORKS:  
STRUCTURAL:  
ACCESSIBILITY:  
ELEVATOR:

*[Signature]*  
11/29/06

As per Florida Building Code Section 104.5.3  
REVIEWED FOR CODE COMPLIANCE

## SALES OFFICE - FIRST LEVEL - FLOOR PLAN

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

### GENERAL NOTES

- Contractor to field verify all existing conditions, dimensions.
- Refer to structural & MEP for corresponding information.
- Refer to ID for all finishes.
- 13' 6" Ceiling height.
- 11' 0" Ceiling height to drop ceiling.

### NOTES

- N-1 New storefront to be added on first level.
- N-2 Existing mechanical service area not part of tenant improvement work or permit.
- N-3 Not part of tenant improvement work or permit.
- N-4 1 Hour fire rated new partition, align with existing surface.
- N-5 Relocated door.
- N-6 Existing partition to provide baking for installation of req. grab bars.
- N-7 Existing wall to receive cementitious baking board refer to ID drawings for tile finish.
- N-8 Existing Wall type tenant improvement to finish only.

### LEGEND

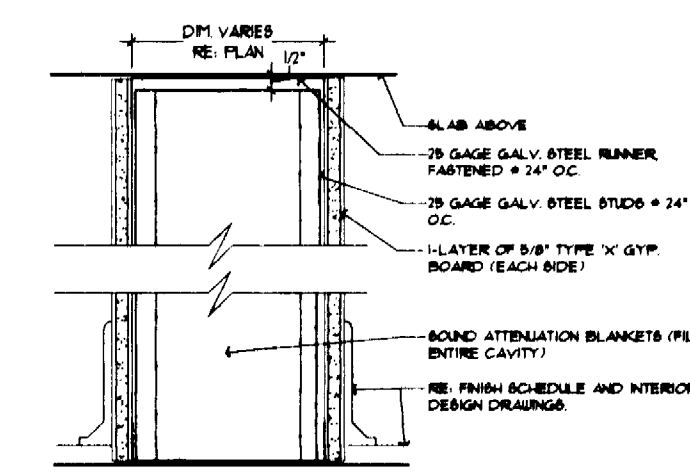
- CONCRETE SHEAR WALL EXIST.
- CMU WALL EXIST.
- CMU WALL WITH FURRING EXISTING
- INTERIOR METAL STUD NEW AND GYP BO PARTITION EXISTING
- INTERIOR PARTITION EXISTING
- INTERIOR PARTITION BY TENANT

### PARTITIONS GENERAL NOTES

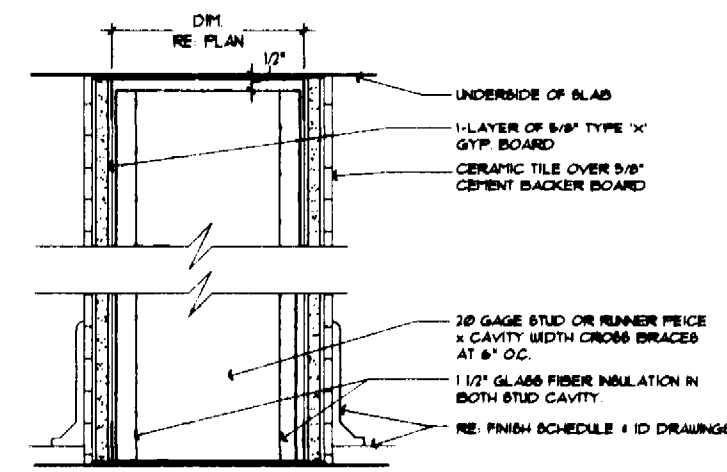
- EXISTING WALLS BETWEEN RITERS ARE 1-HR FIRE RATED PER CODE.
- PROVIDE CONT. SEALANT BETWEEN WALL AND FIN. CLGS (W/COAT, GYP. BO, ETC.).
- PROVIDE PERIMETER CALKING AT ALL BATHROOMS.
- PROVIDE SOUND ATTENUATION BLANKET AT ALL CORRECTING TRANSMITTER LOCATIONS AND RADIANT LINES.
- PROVIDE WATER RESISTANT CEMENT BOARD AT ALL BATHROOMS, TOILET ROOMS, AND LOCKER ROOMS WALLS NOT RECEIVING TILE OR STONE FINISH AND AT ALL CEILING IN THESE AREAS.
- USE HIDDEN RESISTANT CEMENT BOARD AT ALL WALLS RECEIVING TILE OR STONE FINISH.
- PROVIDE ALL UNITS WITH SOUND BATT INSULATION AROUND BATHROOM, ALL CLOSET, AND ADJACENT TO PUBLIC CORRIDORS REFER TO PLANS FOR ADDITIONAL AREAS.
- PROVIDE R-3 SOUND INSULATION TO INTERIOR FACE OF CONC. CONCRETE BLOCK WALL. ALL EXTERIOR WALLS AS NOTED.
- EXPOSED EXTERIOR WALLS - STUCCO FINISH TO MATCH EXIST.
- COORDINATE ALL WALL TYPES WITH FINISH SCHEDULE AND INTERIOR DESIGN DRAWINGS.
- USE HIDDEN RESISTANT GYP BOARD AT ALL EXTERIOR WALLS & BAPT WALLS.

### WALL TYPES

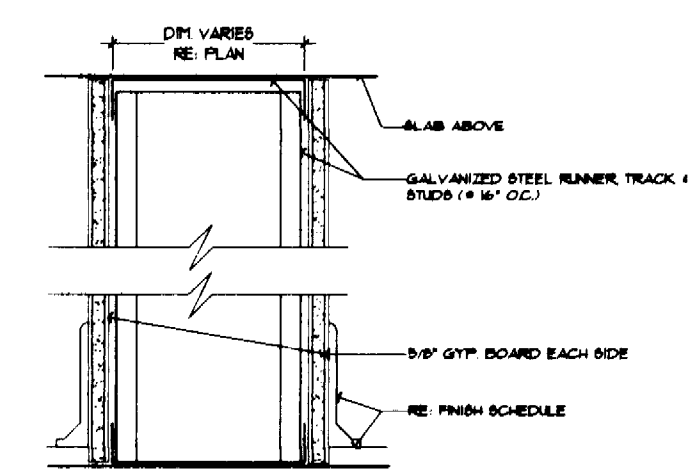
N.T.S.



TYPICAL 1 HR. FIRE RATED  
PARTITION  
NOTE: FINISH ONLY ON TENANT SIDE.



1 HR. FIRE RATED



TYPICAL INTERIOR  
PARTITION

G

三

E

D

C

B

A

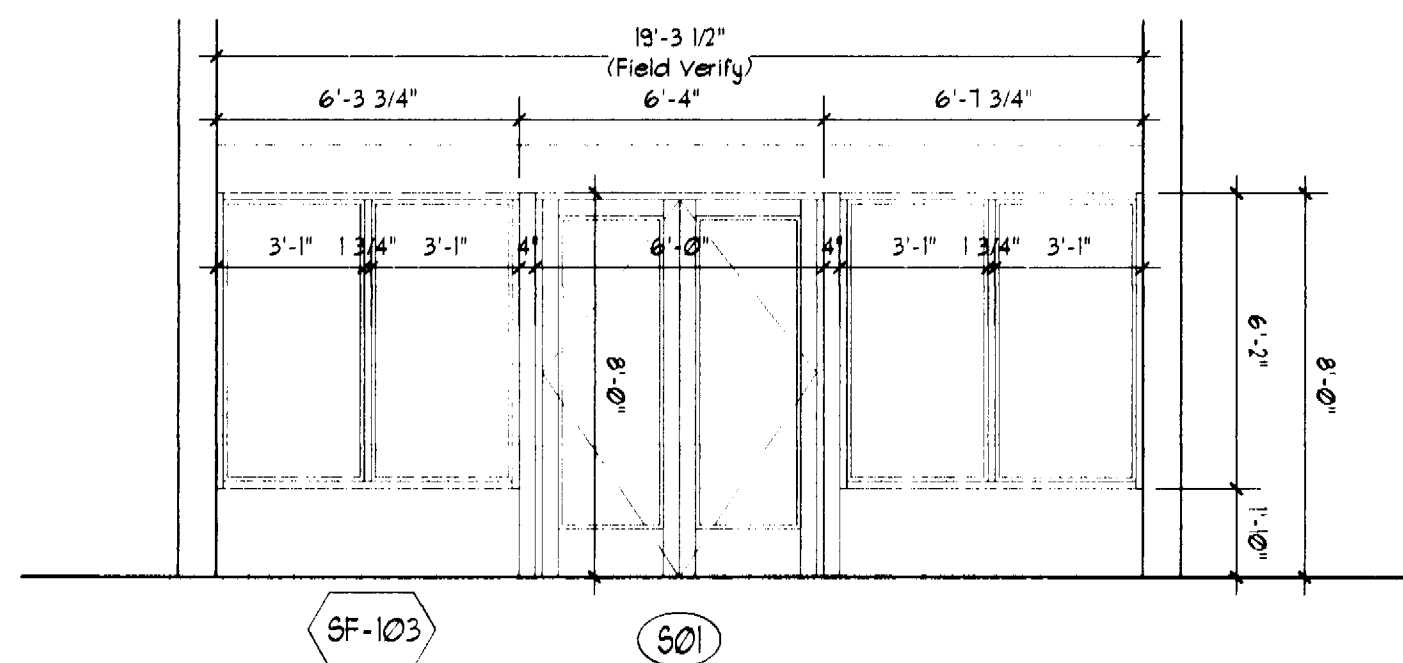
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### GENERAL NOTES

1. Contractor to field verify all existing conditions & dimensions.
2. Storefront finish & look to match existing. G.C. to submit shop drawings for arch. & structure review.
3. NOT USED
4. For demolition specifications refer to demo plan 3rd. floor.

## NOTES

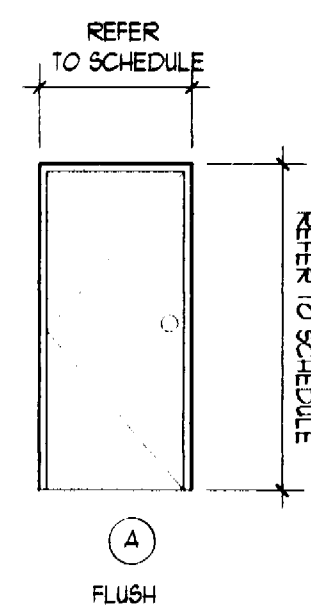
N-1. New storefront to be added on first level.



## STOREFRONT SCHEDULE

N.T.S.

## DOOR SCHEDULE

[illegible]

## DOOR SCHEDULE

N.T.S.

## STOREFRONT SCHEDULE

[illegible]

## STOREFRONT SCHEDULE

N.T.S.

**FULLERTON  
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jdf@architects.com

FULLERTON DIAZ ARCHITECTS INC.

# CABI - MIAMI BEACH

340 WEST 42nd street

Scale: \_\_\_\_\_ 1/4" = 1'0"

Date: \_\_\_\_\_ 10-27-06

Project Designer: \_\_\_\_\_ FDA

Drawn By: \_\_\_\_\_ FDA

Checked By: \_\_\_\_\_ FDA

Job Number: \_\_\_\_\_ 20528.02

Submittal: \_\_\_\_\_ PERMIT

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Drawing Title:  
**STORE FRONT &  
DOOR SCHED.**

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Sheet Number

A-2



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User: JMartinez  
Date/Time: Nov 14, 2006 - 1:53pm

## MECHANICAL SPECIFICATIONS

### GENERAL

CODES, PERMITS, FEES: COMPLY WITH THE MOST RECENTLY REVISED VERSIONS OF ALL APPLICABLE LAWS, RULES, REGULATIONS, AND ORDINANCES OF FEDERAL, STATE, AND LOCAL AUTHORITIES. MODIFICATIONS REQUIRED BY THE ABOVE SAID SHALL BE MADE WITHOUT ADDITIONAL COST TO THE OWNER. WHERE ALTERATIONS TO, AND DEVIATIONS FROM THE CONTRACT DOCUMENTS ARE REQUIRED BY SAID AUTHORITY, REPORT THE REQUIREMENTS AND SECURE APPROVAL BEFORE STARTING WORK. CONTRACTOR SHALL OBTAIN ALL APPLICABLE PERMITS AND PAY ALL ASSOCIATED FEES CHARGED BY THE AFOREMENTIONED AUTHORITIES

PRECEDENCE: WHERE CONTRACT DOCUMENT REQUIREMENTS ARE IN EXCESS OF CODE REQUIREMENTS, AND ARE PERMITTED UNDER THE CODE, THE CONTRACT DOCUMENTS SHALL TAKE PRECEDENCE.

VISITING THE SITE: EACH BIDDER SHALL VISIT THE SITE OF THE PROPOSED WORK AND SHALL FULLY FAMILIARIZE HIMSELF/HERSELF REGARDING THE FACILITIES. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR WORK OR MATERIAL OMITTED FROM BIDDER'S CONTRACT PROPOSAL DUE TO FAILURE TO FAMILIARIZE HIMSELF/HERSELF BY INVESTIGATION.

CLARIFICATION SHALL BE OBTAINED BEFORE SUBMITTING A PROPOSAL FOR THE WORK UNDER THIS DIVISION AS TO DISCREPANCIES OR OMISSIONS FROM THE CONTRACT DOCUMENTS, OR QUESTIONS AS TO THE INTENT THEREOF. CONSIDERATION WILL NOT BE GRANTED FOR MISUNDERSTANDING OF THE AMOUNT OF WORK TO BE PERFORMED. TENDER OF A PROPOSAL CONVEYS FULL AGREEMENT OF THE ITEMS AND CONDITIONS SPECIFIED, SHOWN ON THE DRAWINGS, AND REQUIRED BY THE NATURE OF THE PROJECT.

VERIFY ALL DIMENSIONS AT THE JOB SITE AND FROM ARCHITECTURAL PLANS.

FURNISH AND INSTALL COMPLETE MECHANICAL SYSTEMS AS INDICATED ON PLANS.

### DRAWINGS:

THE DRAWINGS ARE SCHEMATIC IN NATURE AND SHOW APPROXIMATE LOCATIONS OF DUCTWORK, DIFFUSERS, AND OTHER MATERIALS AND EQUIPMENT OF THE MECHANICAL SYSTEMS EXCEPT WHERE SPECIFIED LOCATIONS ARE NOTED AND DIMENSIONED ON THE DRAWINGS. THESE ITEMS ARE SHOWN APPROXIMATELY TO SCALE IN ATTEMPT TO SHOW HOW THESE ITEMS SHOULD BE INTEGRATED WITH THE BUILDING CONSTRUCTION. LOCATE ALL THE VARIOUS ITEMS BY ON-THE-JOB MEASUREMENTS, CONFORMANCE WITH DRAWINGS, CODE REQUIREMENTS, AND IN COOPERATION WITH OTHER TRADES AND VENDORS.

### PRODUCTS:

PROVIDE PRODUCTS WHICH ARE COMPATIBLE WITH OTHER PRODUCTS OF THE M.E.P. WORK, AND WITH OTHER WORK REQUIRING INTERFACE WITH THE M.E.P. WORK, INCLUDING ELECTRICAL, AND PLUMBING CONNECTIONS, AND CONTROL DEVICES. FOR EXPOSED WORK, COORDINATE COLORS AND FINISHES WITH OTHER WORK. DETERMINE IN ADVANCE OF PURCHASE OF THAT EQUIPMENT AND MATERIALS PROPOSED FOR INSTALLATION WILL FIT INTO THE CONFINES INDICATED, LEAVING ADEQUATE CLEARANCE AS REQUIRED BY ALL APPLICABLE CODES, AND FOR ADJUSTMENT, REPAIR, OR REPLACEMENT. MATERIALS AND PRODUCTS OF MANUFACTURERS OTHER THAN THOSE LISTED HEREIN REQUIRE APPROVAL OF THE ARCHITECT IN WRITING PRIOR TO SUBMITTAL OF SHOP DRAWINGS AND PRODUCT DATA.

### EXECUTION:

ALL WORK SHALL BE EXECUTED IN A PROFESSIONAL MANNER, AND SHALL INCLUDE ALL LABOR AND MATERIALS REQUIRED TO PROVIDE FUNCTIONING SYSTEMS AS DESCRIBED. LOCATE OPERATING AND CONTROL EQUIPMENT PROPERLY TO PROVIDE EASY ACCESS, AND MAINTENANCE, AND ARRANGE ENTIRE M.E.P. WORK WITH ADEQUATE ACCESS FOR OPERATION AND MAINTENANCE, AND FOR PROPER CODE CLEARANCES. ADVISE ALL OTHER TRADES OF OPENINGS REQUIRED IN THEIR WORK FOR THE SUBSEQUENT INSTALLATION OF THE MECHANICAL EQUIPMENT.

PRIOR TO THE START OF ANY CUTTING OPERATIONS, VERIFY WITH OWNER'S REPRESENTATIVE AND OTHER INTERESTED PARTIES, THAT ALL AVAILABLE INFORMATION HAS BEEN PROVIDED. VERIFY LOCATIONS GIVEN. SHOULD OBSTRUCTIONS BE ENCOUNTERED, WHETHER INDICATED ON PLANS OR NOT, ALTER ROUTING OF NEW WORK, REMOVE OBSTRUCTIONS (WHERE PERMITTED), OR OTHERWISE PERFORM WHATEVER WORK IS NECESSARY TO SATISFY THE PURPOSE OF THE NEW WORK, LEAVING EXISTING SERVICES IN A SATISFACTORY AND SERVICEABLE CONDITION.

A/C EQUIPMENT: EXISTING SPLIT SYSTEM TO REMAIN AND REUSED

### A/C CONTROL SYSTEMS:

THE COOLING AND HEATING SYSTEM CONTROL THERMOSTATS SHALL BE PROGRAMMABLE JOHNSON CONTROLS T500 SERIES OR HONEYWELL T7300 WITH SUB-BASE. T'STATS SHALL BE

LOCATED WHERE INDICATED ON DRAWINGS. COORDINATE FINAL LOCATION OF T'STATS WITH TENANT SO THEY DO NOT CONFLICT WITH DECOR OR FIXTURES.

THERMOSTATS FOR ELECTRIC DUCT HEATERS SHALL BE NON-PROGRAMMABLE TYPE. INTERLOCK ELECTRIC DUCT HEATERS WITH THEIR RESPECTIVE AHU.

EQUIPMENT MOUNTED OR SUSPENDED FROM THE ROOF OR OTHER STRUCTURE, MUST BE PROVIDED VIBRATION ISOLATION.

### EXHAUST SYSTEM:

AN EXHAUST AIR SYSTEM SHALL BE INSTALLED FOR THE TOILET ROOMS AS INDICATED ON THE DRAWING.

### DUCTWORK:

ALL DUCTWORK SHALL BE GALVANIZED STEEL METAL, CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH SMACNA, LOCAL AND STATE CODES, AND ASHRAE SPECIFICATIONS FOR LOW VELOCITY DUCTWORK. DIMENSIONS INDICATED ON PLANS INDICATE FREE FLOW AREA.

THE FOLLOWING ARE GENERAL REQUIREMENTS:

A. MAKE DUCT SIZE CHANGES GRADUALLY, NOT EXCEEDING 15° DIVERGENCE EXCEPT AS SPECIFIED BELOW:

- DISCHARGE FROM AIR HANDLING UNITS AND FANS MAY DIVERGE A MAXIMUM OF 30°.
- DUCT SIZE DECREASES IN THE DIRECTION OF FLOW MAY CONVERGE A MAXIMUM OF 30°.

B. LEAKAGE: 5% OF SYSTEM AIR FLOW MAXIMUM.

THE FOLLOWING ARE RECTANGULAR SHEET METAL DUCTWORK REQUIREMENTS:

- SHEET METAL SHALL BE "LOCK FORMING QUALITY" G-60 HOT DIPPED COATED GALVANIZED STEEL IN CONFORMANCE WITH ASTM A-525 AND ASTM A-527.
- LAP METAL DUCTS IN DIRECTION OF AIR FLOW. ALL DUCT INTERIOR SURFACES SHALL BE SMOOTH, WITHOUT ANGLES, TABS OR SHEET METAL PROTRUDING INTO THE DUCTWORK. ALL SEAMS AND JOINTS SHALL BE EXTERNAL.
- PROVIDE CROSS-BREAKING OR MECHANICAL TRAVERSE BEADING FOR ALL DUCTWORK 19-INCHES AND WIDER AND ARE 20-GAUGE OR LESS WITH MORE THAN 10 SQUARE FEET OF UNBRACED PANEL AREA UNLESS THEY ARE LINED OR ARE EXTERNALLY INSULATED.
- AT CONTRACTOR'S OPTION, DUCTWORK MAY BE JOINED WITH EP 12/11 PREFABRICATED GALVANIZED "DUCTMATE" SECTIONS.

UNLESS NOTED OTHERWISE, ALL METAL RECTANGULAR RETURN AIR AND EXPOSED RECTANGULAR SUPPLY AIR DUCTWORK SHALL BE INTERNALLY LINED WITH 1.5" THICK DUCT LINER. ALL OTHER METAL SUPPLY AND RETURN AIR DUCTWORK SHALL BE EXTERNALLY INSULATED WITH 2" EXTERIOR WRAPPED FIBERGLASS INSULATION WITH FSK BARRIER. INSULATION SHALL BE MANUFACTURED BY OWENS-CORNING, JOHNS MANVILLE, OR AN APPROVED SUBSTITUTION.

TOILET EXHAUST DUCTS ARE NOT INSULATED.

FURNISH SPIN-IN CIRCULAR VOLUME DAMPERS, BRANCH CONNECTIONS, REGISTERS, AND DIFFUSER CONNECTIONS TO DUCTWORK AND AS INDICATED ON PLANS. TURNING VANES ARE REQUIRED AT EACH TURN IN THE DUCT.

INSULATED FLEXIBLE DUCT, SIMILAR TO THERMAFLEX MODEL M-KE, MAY BE USED FOR SINGLE DIFFUSER OR REGISTER TAPS FROM CONCEALED TRUNK DUCT SYSTEMS ONLY. LIMIT LENGTH OF ALL FLEXIBLE DUCT RUNS TO 6'-0". WHERE LONGER RUNS ARE REQUIRED, COMBINE FLEXIBLE DUCT WITH RIGID ROUND DUCT (GALVANIZED SHEET METAL). ROUTE FLEXIBLE DUCT TO AVOID SHARP BENDS OR KINKING.

### AIR DISTRIBUTION DEVICES:

FURNISH AND INSTALL ALL AIR DISTRIBUTION DEVICES AND ASSOCIATED ACCESSORIES AS SHOWN AND SCHEDULED ON PLANS.

### PROJECT COMPLETION:

AIR CONDITIONING UNITS SHALL BE BALANCED AND TESTED. BALANCE AIR QUANTITIES TO EACH SPACE WITHIN 10% OF VALUE INDICATED. BALANCE AND TEST REPORT MUST BE PRESENTED TO OWNER AS PART OF ACCEPTANCE OF SPACE.

PROVIDE A SET OF OPERATION AND MAINTENANCE MANUALS FOR ALL HVAC EQUIPMENT TO OWNER.

CHANGE FILTER MEDIA AND ADJUST REFRIGERANT CHARGE UPON COMPLETION OF CONSTRUCTION.

## MECHANICAL SPECIFICATIONS

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FULLERTON DIAZ ARCHITECTS INC.

CABI SALES CENTER - 331 W. 41ST STREET

MIAMI BEACH, FLORIDA

Scale: \_\_\_\_\_

Date: \_\_\_\_\_

Project Designer: \_\_\_\_\_

Drawn By: \_\_\_\_\_

Checked By: \_\_\_\_\_

Job Number: \_\_\_\_\_

Submittal: \_\_\_\_\_

File: \_\_\_\_\_

Drawing Title:  
**MECHANICAL  
SPECIFICATIONS**

Revisions

No. Description Date:

rawing Title:  
**MECHANICAL  
FLOOR PLAN**

Sheet Number

## M2.01

- 1 REMOVE ALL EXISTING DUCTWORK SYSTEMS IN THIS AREA IN ITS ENTIRETY BACK TO THE EXISTING AIR HANDLING UNIT.
- 2 EXISTING AIR HANDLING UNIT WITH OUTSIDE AIR MAKE UP W/VD SET AT 300 CFM.
- 3 CONNECT NEW SUPPLY AIR DUCT TO OUTLET OF EXISTING AIR HANDLING UNIT.
- 4 30x12 OPENING IN WALL ABOVE CEILING W/VD SET FOR 1700 CFM.
- 5 CONNECT 6" TO EXISTING MAIN EXHAUST DUCT AT THIS LOCATION. FIELD VERIFY.
- 6 COORDINATE FINAL THERMOSTAT LOCATION WITH OWNER.
- 7 PROVIDE 3 KW INDECO DUCT MOUNTED ELECTRIC DUCT HEATER AT 208/1/60 VOLTAGE. INSTALL PER MANUFACTURER'S RECOMMENDATION.
- 8 SET THERMOSTAT AT 72° F DURING WINTER OPERATION.

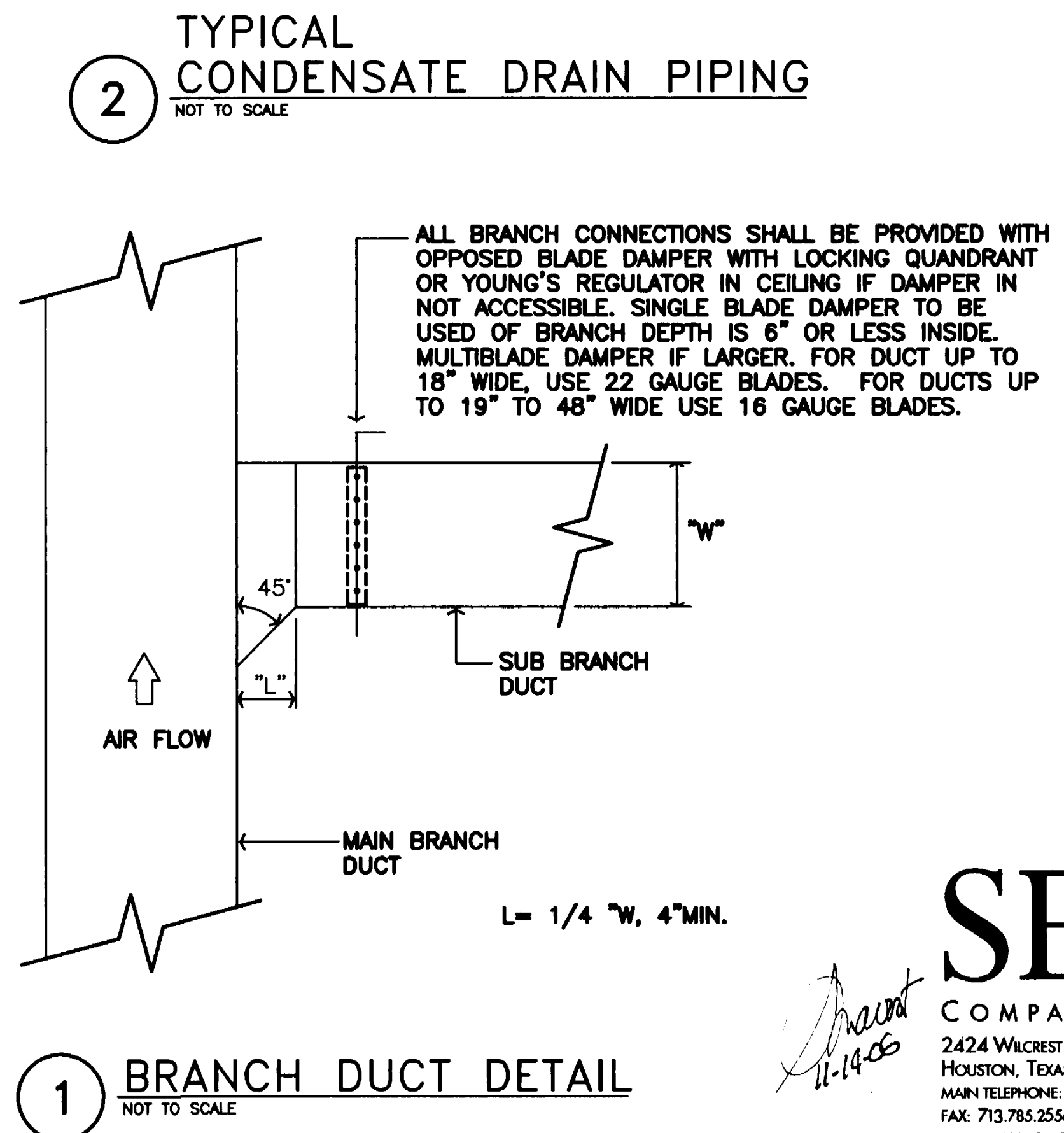
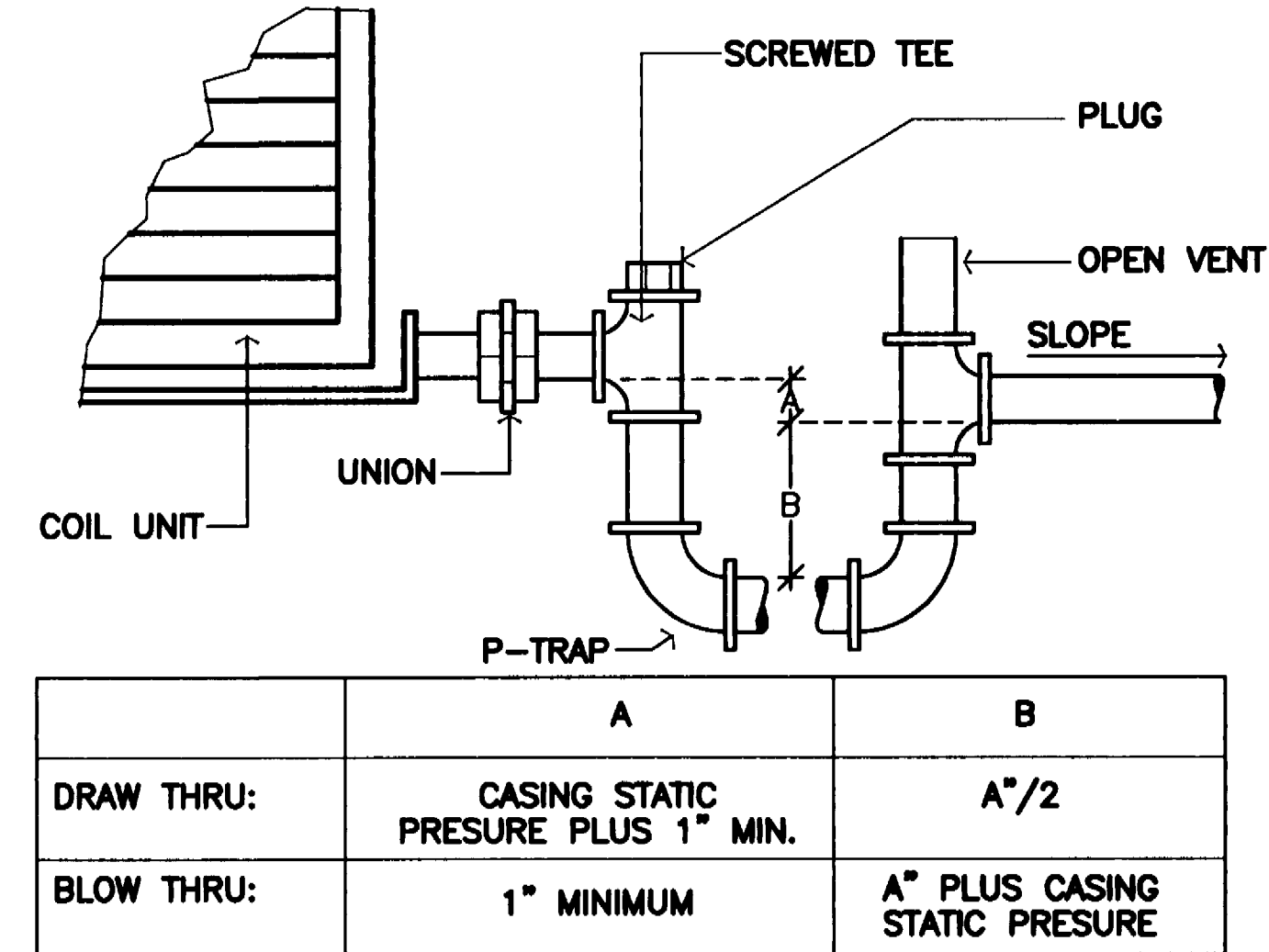
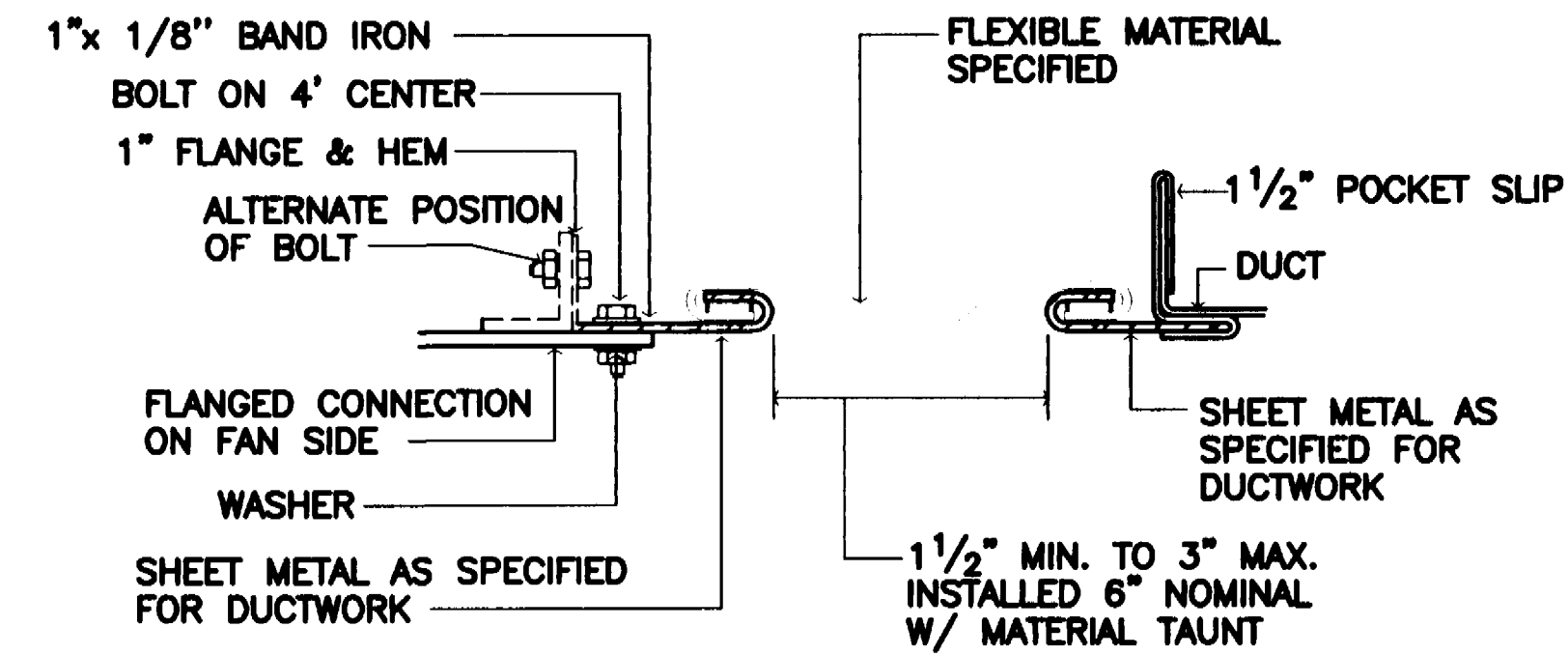
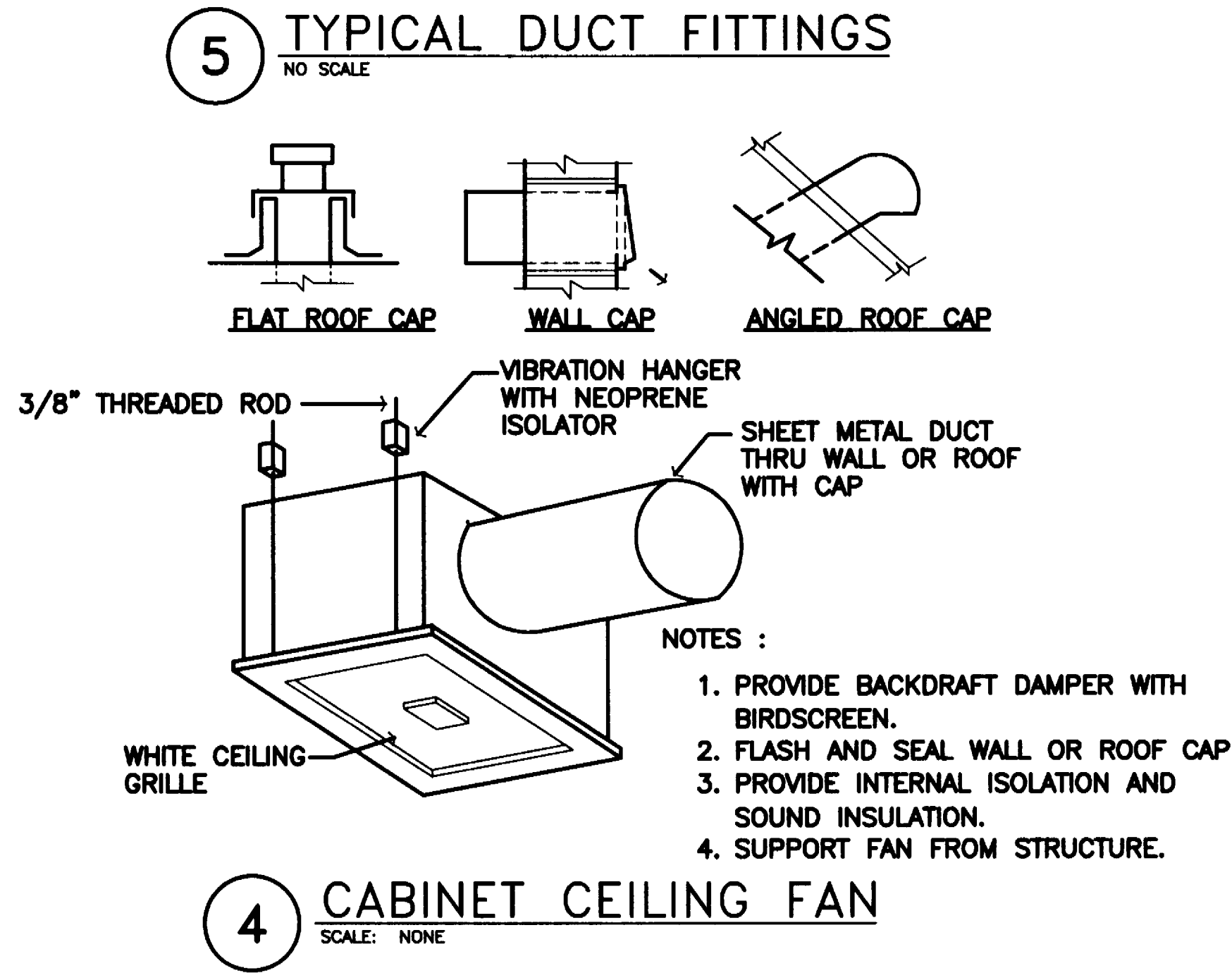
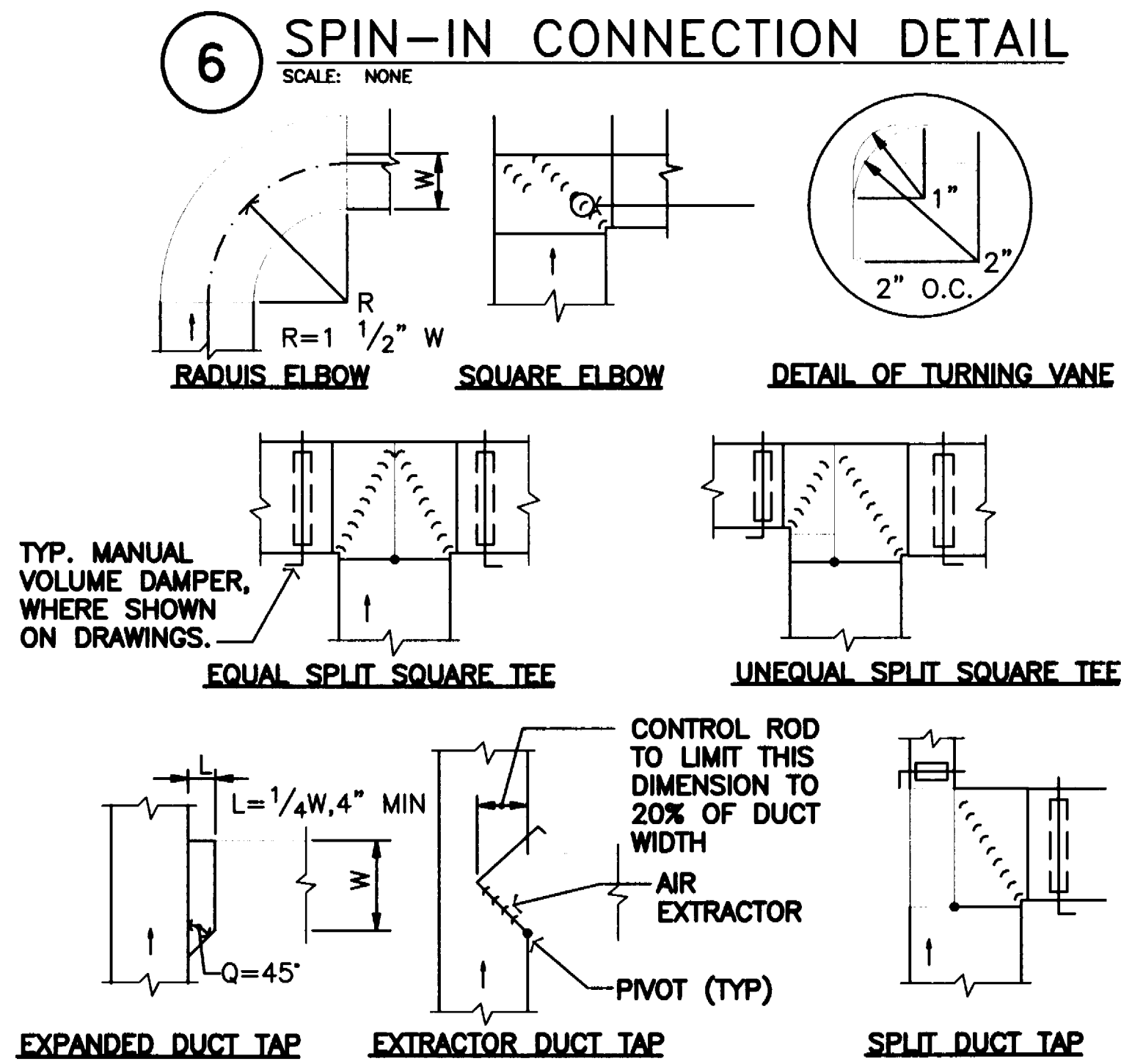
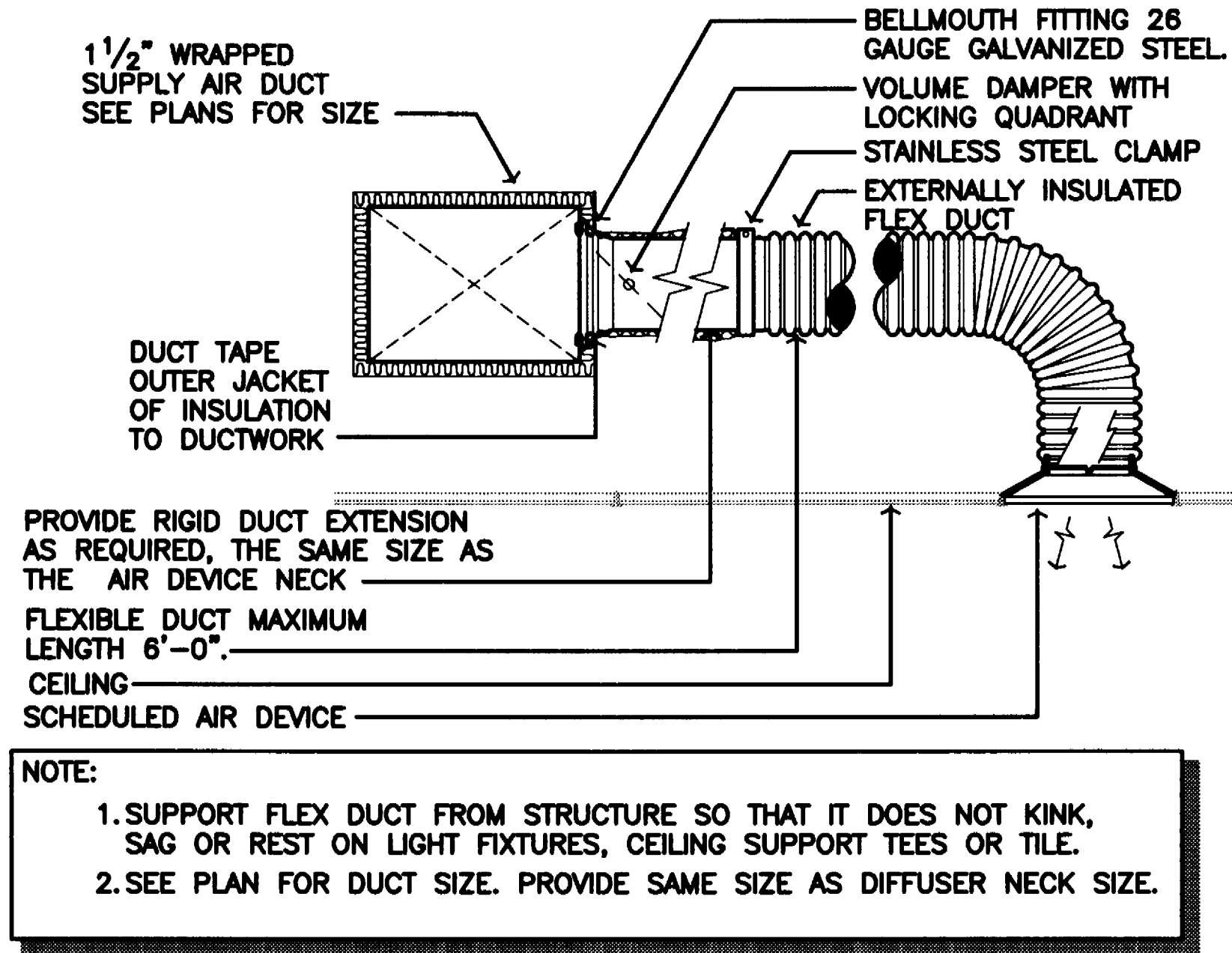
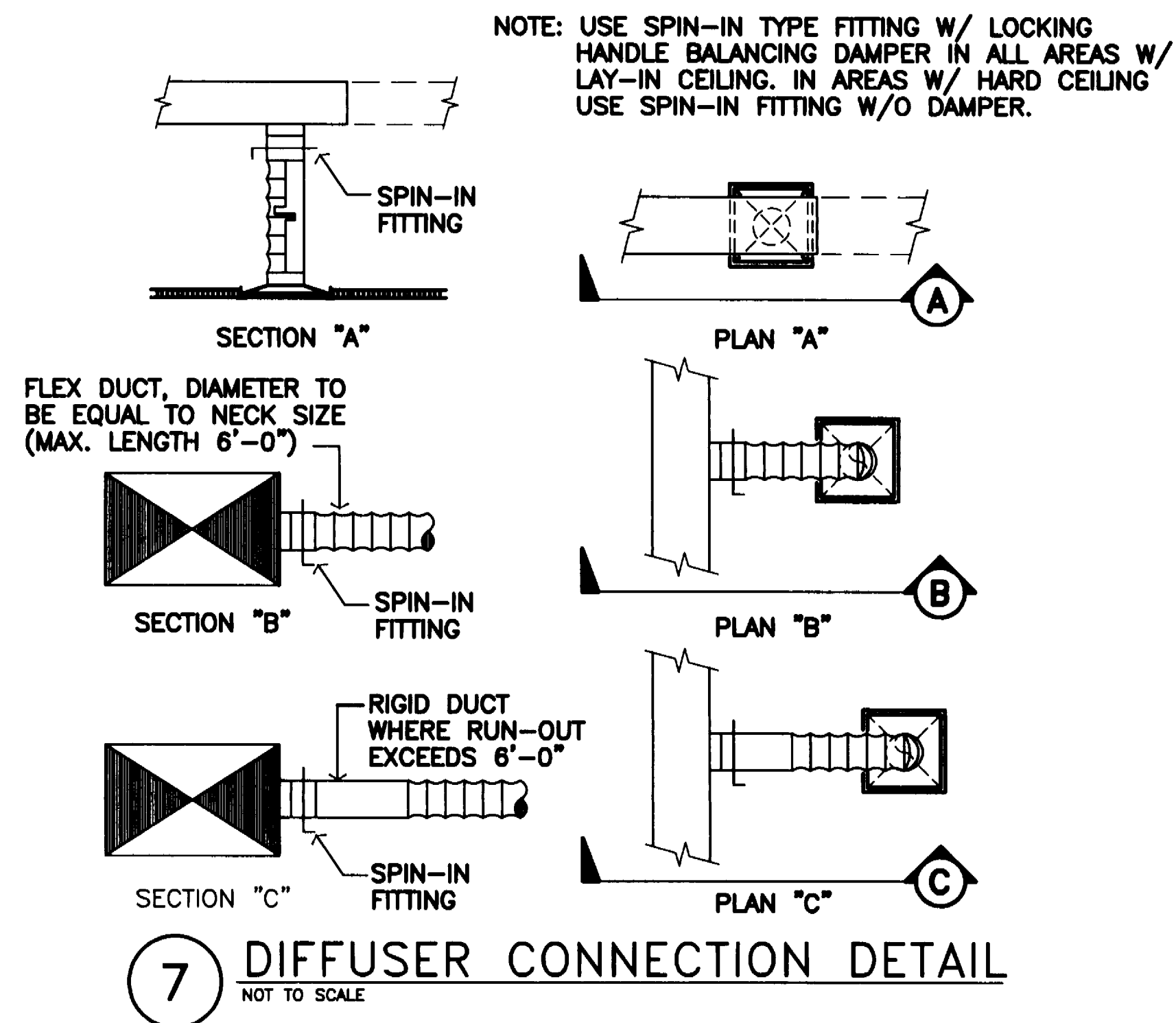


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File Name: F:\306104\00\hvac\Sales Center\306104MS701.DWG  
User: JMartinez  
Date/Time: Nov 14, 2006 - 1:54pm

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CABI SALES CENTER - 331 W. 41ST STREET  
MIAMI BEACH, FLORIDA

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Date: 08-28-06  
Project Designer: FDM  
Drawn By: FDM  
Checked By: FDM  
Job Number: 2006-04  
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File:  
Drawing Title: MECHANICAL STD. DETAILS  
Revisions  
No. Description Date:  
Sheet Number  
M7.01

12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1



## SHEET LIST

E-001 ELECTRICAL SYMBOLS & LEGENDS  
E-201 ELECTRICAL LIGHTING PLAN  
E-301 ELECTRICAL POWER PLAN

## SYMBOLS LEGEND

NOTE: ALL SYMBOLS MAY NOT BE USED.

- RESIDENTIAL TELEPHONE/DATA. PROVIDE 2-GANG BACK BOX. ROUTE 4 PAIR CAT 5E CABLE FROM BOX TO NETWORK INTERFACE CABINET LOCATED IN MASTER BEDROOM CLOSET.
- RESIDENTIAL TELEPHONE/DATA/CABLE. PROVIDE 2-GANG BACK BOX. ROUTE 4 PAIR CAT 5E CABLE FROM BOX TO NETWORK INTERFACE CABINET LOCATED IN MASTER BEDROOM CLOSET.
- RESIDENTIAL WALL MOUNTED FIRE ALARM MINI SOUNDER
- SMOKE DETECTOR
- DATA OUTLET
- TELEPHONE OUTLET
- TELEPHONE/DATA OUTLET
- SPEC FLOOR BOX
- DOOR CONTACT SWITCH
- DOORBELL BUTTON
- TELEVISION
- PANELBOARD
- TTB TELEPHONE TERMINAL BOARD

NOTE: THE FOLLOWING SYMBOLS REPRESENT WIRING DEVICES THAT ARE TO BE INSTALLED FOR DISPLAY ONLY. NO BRANCH CIRCUITING OR DATA CABLING IS TO BE INSTALLED. TYPICAL FOR MODEL UNIT ONLY.

- DUPLEX RECEPTACLE
- GFCI RECEPTACLE
- COMPUTER OUTLET
- FLOOR POWER OUTLET

RESIDENTIAL TELEPHONE/DATA. PROVIDE 2-GANG BACK BOX. ROUTE 4 PAIR CAT 5E CABLE FROM BOX TO NETWORK INTERFACE CABINET LOCATED IN MASTER BEDROOM CLOSET.

RESIDENTIAL TELEPHONE/DATA/CABLE. PROVIDE 2-GANG BACK BOX. ROUTE 4 PAIR CAT 5E CABLE FROM BOX TO NETWORK INTERFACE CABINET LOCATED IN MASTER BEDROOM CLOSET.

- RESIDENTIAL WALL MOUNTED FIRE ALARM MINI SOUNDER
- SMOKE DETECTOR
- RESIDENTIAL UNIT SMOKE DETECTOR MONITORED BY FIRE ALARM SYSTEM

- 2x4 FLUORESCENT LIGHTING FIXTURE
- 1x4 FLUORESCENT LIGHTING FIXTURE-SUSPENDED
- RECESSED DOWNLIGHT
- RECESSED LOW VOLTAGE ADJUST. LIGHTING FIXTURE
- EMERGENCY LIGHT WITH BATTERY PACK FOR 90 MINUTES OPERATION ON LOSS OF NORMAL POWER
- FLUORESCENT LIGHTING FIXTURE - NIGHT LIGHT & EMERGENCY LIGHT WITH BATTERY BACK-UP
- FLUORESCENT STRIP FIXTURE WITH BATTERY BACK-UP
- FIXTURE ON EMERGENCY POWER
- WALL SCONCE
- DECORATIVE PENDANT LIGHTING FIXTURE
- CHANDELIER
- TRACK LIGHT
- LIGHT SWITCH
- TWO LIGHT SWITCHES WITH GANGED COVERPLATE FOR BI-LEVEL LIGHTING.
- TYPICAL SWITCH LABELING  
X=3, 4, OR D  
WITH 3=3WAY  
4=4WAY  
D=DIMMER SWITCH
- TYPICAL SWITCH LABELING  
x = LIGHTING CONTROL  
X = 3, 4, OR D  
WITH 3=3WAY  
4=4WAY  
D=DIMMER SWITCH
- DUPLEX RECEPTACLE
- GFCI RECEPTACLE
- COMPUTER OUTLET
- SPECIAL NEMA CONFIGURATION RECEPTACLE (208V)
- MOTOR

| RECEIVED 7 AM ON NOVEMBER 14, 2006 |       |       |       |           |      |                   |      |         |    | LA                                                    |         |      |             |      |       |       |       |       |       |
|------------------------------------|-------|-------|-------|-----------|------|-------------------|------|---------|----|-------------------------------------------------------|---------|------|-------------|------|-------|-------|-------|-------|-------|
| RECEIVED                           |       |       |       |           |      |                   |      |         |    | 1. CIRCULAR PANEL TO REMAIN                           |         |      |             |      |       |       |       |       |       |
| 1. CIRCULAR PANEL TO REMAIN        |       |       |       |           |      |                   |      |         |    | 100 AMP 120/208V 3 PHASE 4 WIRE 10000 KVA TRANSFORMER |         |      |             |      |       |       |       |       |       |
| C PH                               | B PH  | A PH  | N     | LOAD (VA) | TYPE | DESCRIPTION       | WIRE | CUT BOX | NO | NO                                                    | CUT BOX | WIRE | DESCRIPTION | TYPE | LOAD  | N     | A PH  | B PH  | C PH  |
| (AMP)                              | (AMP) | (AMP) | (AMP) | (VA)      |      |                   |      | AMP / P |    |                                                       | AMP / P |      |             |      | (VA)  | (AMP) | (AMP) | (AMP) | (AMP) |
|                                    | 0.3   |       | 0.3   | 1000      | UN   | RECEPTACLE        | #12  | 20 / 1  | 1  | 2                                                     | 20 / 1  | #12  | RECEPTACLE  | RP   | 500   | 4.0   | 4.0   |       |       |
| 4.5                                |       |       | 4.5   | 1000      | UN   | RECEPTACLE        | #12  | 20 / 1  | 3  | 4                                                     | 20 / 1  | #12  | DISPLAY LT  | UN   | 500   | 4.5   |       | 4.5   |       |
|                                    | 0.3   | 0.3   | 0.3   | 1000      | UN   | COVER             | #12  | 20 / 1  | 5  | 6                                                     | 20 / 2  | #12  | 2000-1      | UN   | 10000 |       |       |       | 40.7  |
|                                    | 0.3   | 0.3   | 0.3   | 1000      | UN   | RECEPTACLE        | #12  | 20 / 1  | 7  | 8                                                     |         |      |             | UN   |       |       |       |       |       |
| 4.0                                |       |       | 4.0   | 500       | RP   | RECEPTACLE        | #12  | 20 / 1  | 9  | 10                                                    | 20 / 1  | #12  | LIGHTING    | LT   | 500   | 4.0   |       | 4.0   | 0.0   |
|                                    | 4.5   | 4.5   | 4.5   | 500       | UN   | UNDER CLOSET LIT. | #12  | 20 / 1  | 13 | 14                                                    | 20 / 1  | #12  | LIGHTING    | LT   | 500   | 4.0   | 4.0   |       |       |
|                                    | 0.0   |       | 0.0   | 750       | RP   | RECEPTACLE        | #12  | 20 / 1  | 15 | 16                                                    | 20 / 1  | #12  | LIGHTING    | LT   | 400   | 4.0   |       | 4.0   |       |
| 4.0                                |       |       | 4.0   | 500       | RP   | RECEPTACLE        | #12  | 20 / 1  | 17 | 18                                                    | 20 / 1  | #12  | LIGHTING    | LT   | 1000  | 0.0   |       |       | 0.0   |
|                                    | 4.0   | 4.0   | 4.0   | 500       | RP   | RECEPTACLE        | #12  | 20 / 1  | 19 | 20                                                    | 20 / 1  |      | SPACE FOR   |      |       |       |       |       |       |
|                                    | 0.0   |       | 0.0   | 750       | RP   | RECEPTACLE        | #12  | 20 / 1  | 21 | 22                                                    | 20 / 1  |      | SPACE FOR   |      |       |       |       |       |       |
| 0.3                                |       |       | 0.3   | 1000      | UN   | COVER             | #12  | 20 / 1  | 23 | 24                                                    | 20 / 1  |      | SPACE FOR   |      |       |       |       |       |       |
|                                    | 0.3   | 0.3   | 0.3   | 1000      | UN   | PH                | #12  | 20 / 1  | 25 | 26                                                    | 20 / 1  |      | SPACE FOR   |      |       |       |       |       |       |
| 2.0                                |       |       | 2.0   | 300       | RP   | RECEPTACLE        | #12  | 20 / 1  | 27 | 28                                                    | 20 / 1  |      | SPACE FOR   |      |       |       |       |       |       |
| 4.0                                |       |       | 4.0   | 500       | UN   | DISPLAY LT        | #12  | 20 / 1  | 29 | 30                                                    | 20 / 1  |      | SPACE FOR   |      |       |       |       |       |       |
|                                    | 4.0   | 4.0   | 4.0   | 500       | RP   | RECEPTACLE        | #12  | 20 / 1  | 31 | 32                                                    | 20 / 1  |      | SPACE FOR   |      |       |       |       |       |       |
|                                    | 4.0   |       | 4.0   | 500       | UN   | DISPLAY LT        | #12  | 20 / 1  | 33 | 34                                                    | 20 / 1  |      | SPACE FOR   |      |       |       |       |       |       |
| 4.0                                |       |       | 4.0   | 500       | RP   | RECEPTACLE        | #12  | 20 / 1  | 35 | 36                                                    | 20 / 1  |      | SPACE FOR   |      |       |       |       |       |       |
|                                    | 3.0   | 3.0   | 3.0   | 300       | RP   | RECEPTACLE        | #12  | 20 / 1  | 37 | 38                                                    | 20 / 1  |      | SPACE FOR   |      |       |       |       |       |       |
| 4.0                                |       |       | 4.0   | 500       | UN   | DISPLAY LT        | #12  | 20 / 1  | 39 | 40                                                    | 20 / 1  |      | SPACE FOR   |      |       |       |       |       |       |
|                                    | 4.0   |       | 4.0   | 500       | RP   | RECEPTACLE        | #12  | 20 / 1  | 41 | 42                                                    | 20 / 1  |      | SPACE FOR   |      |       |       |       |       |       |

| CONNECTED LOADS |       |       |       |           |      |                   |      |         |    | NOT COMPUTED LOADS |         |      |             |      |      |       |       |       |       |
|-----------------|-------|-------|-------|-----------|------|-------------------|------|---------|----|--------------------|---------|------|-------------|------|------|-------|-------|-------|-------|
| C PH            | B PH  | A PH  | N     | LOAD (VA) | TYPE | DESCRIPTION       | WIRE | CUT BOX | NO | NO                 | CUT BOX | WIRE | DESCRIPTION | TYPE | LOAD | N     | A PH  | B PH  | C PH  |
| (AMP)           | (AMP) | (AMP) | (AMP) | (VA)      |      |                   |      |         |    |                    |         |      |             |      | (VA) | (AMP) | (AMP) | (AMP) | (AMP) |
|                 |       |       |       |           | HT   | BLINDING UNIT     |      |         |    |                    |         |      |             | HT   |      |       |       |       |       |
|                 |       |       |       |           | AC   | A/C REFRIGERATION |      |         |    |                    |         |      |             | AC   |      |       |       |       |       |
|                 |       |       |       |           | UN   | MISC. LIGHTING    |      |         |    |                    |         |      |             | UN   |      |       |       |       |       |
| 40.7            |       |       | 40.7  |           | UN   | UNDER CLOSET      |      |         |    |                    |         |      |             | UN   | 5000 |       |       | 40.7  |       |
|                 |       |       |       |           | CL   | OUTDOOR LIGHTING  |      |         |    |                    |         |      |             | CL   |      |       |       |       |       |
| 14.0            | 0.0   | 4.0   | 14.0  | 3000      | LT   | RECORD LIGHTING   |      |         |    |                    |         |      |             | LT   | 4000 | 10.1  | 0.2   | 10.7  | 10.1  |
| 10.0            | 10.0  | 10.0  | 10.0  | 5000      | RP   | RECEPTACLE        |      |         |    |                    |         |      |             | RP   | 5000 | 10.0  | 10.0  | 10.0  | 10.0  |
|                 |       |       |       |           | EX   | EXTERIOR LIGHTING |      |         |    |                    |         |      |             | EX   |      |       |       |       |       |
|                 |       |       |       |           | UN   | MISC. EQUIPMENT   |      |         |    |                    |         |      |             | UN   |      |       |       |       |       |
| 10.7            | 20.1  | 20.1  | 20.1  | 5000      | UN   | MISC. EQUIPMENT   |      |         |    |                    |         |      |             | UN   | 5000 | 20.1  | 20.1  | 20.1  | 10.7  |
|                 |       |       |       |           | HT   | RECORD EQUIPMENT  |      |         |    |                    |         |      |             | HT   |      |       |       |       |       |
|                 |       |       |       |           | RP   | RECEPTACLE        |      |         |    |                    |         |      |             | RP   |      |       |       |       |       |
| 04.0            | 02.7  | 00.3  | 02.7  | 27000     |      | *** TOTAL ***     |      |         |    |                    |         |      |             |      |      |       |       |       |       |
|                 |       |       |       |           |      | LAUNCH APPAR      |      |         |    |                    |         |      |             |      |      |       |       |       |       |

| NOT COMPUTED LOADS |       |       |       |           |      |                   |      |         |    | NOT COMPUTED LOADS |         |      |             |      |      |       |       |       |       |
|--------------------|-------|-------|-------|-----------|------|-------------------|------|---------|----|--------------------|---------|------|-------------|------|------|-------|-------|-------|-------|
| C PH               | B PH  | A PH  | N     | LOAD (VA) | TYPE | DESCRIPTION       | WIRE | CUT BOX | NO | NO                 | CUT BOX | WIRE | DESCRIPTION | TYPE | LOAD | N     | A PH  | B PH  | C PH  |
| (AMP)              | (AMP) | (AMP) | (AMP) | (VA)      |      |                   |      |         |    |                    |         |      |             |      | (VA) | (AMP) | (AMP) | (AMP) | (AMP) |
|                    |       |       |       |           | HT   | BLINDING UNIT     |      |         |    |                    |         |      |             | HT   |      |       |       |       |       |
|                    |       |       |       |           | AC   | A/C REFRIGERATION |      |         |    |                    |         |      |             | AC   |      |       |       |       |       |
|                    |       |       |       |           | UN   | MISC. LIGHTING    |      |         |    |                    |         |      |             | UN   |      |       |       |       |       |
| 40.7               |       |       | 40.7  |           | UN   | UNDER CLOSET      |      |         |    |                    |         |      |             | UN   | 5000 |       |       | 40.7  |       |
|                    |       |       |       |           | CL   | OUTDOOR LIGHTING  |      |         |    |                    |         |      |             | CL   |      |       |       |       |       |
| 14.0               | 0.0   | 4.0   | 14.0  | 3000      | LT   | RECORD LIGHTING   |      |         |    |                    |         |      |             | LT   | 4000 | 10.1  | 0.2   | 10.7  | 10.1  |
| 10.0               | 10.0  | 10.0  | 10.0  | 5000      | RP   | RECEPTACLE        |      |         |    |                    |         |      |             | RP   | 5000 | 10.0  | 10.0  | 10.0  | 10.0  |
|                    |       |       |       |           | EX   | EXTERIOR LIGHTING |      |         |    |                    |         |      |             | EX   |      |       |       |       |       |
|                    |       |       |       |           | UN   | MISC. EQUIPMENT   |      |         |    |                    |         |      |             | UN   |      |       |       |       |       |
| 10.7               | 20.1  | 20.1  | 20.1  | 5000      | UN   | MISC. EQUIPMENT   |      |         |    |                    |         |      |             | UN   | 5000 | 20.1  | 20.1  | 20.1  | 10.7  |
|                    |       |       |       |           | HT   | RECORD EQUIPMENT  |      |         |    |                    |         |      |             | HT   |      |       |       |       |       |
|                    |       |       |       |           | RP   | RECEPTACLE        |      |         |    |                    |         |      |             | RP   |      |       |       |       |       |
| 04.0               | 02.7  | 00.3  | 02.7  | 27000     |      | *** TOTAL ***     |      |         |    |                    |         |      |             |      |      |       |       |       |       |
|                    |       |       |       |           |      | LAUNCH APPAR      |      |         |    |                    |         |      |             |      |      |       |       |       |       |

## LIGHTING FIXTURE SCHEDULE

| FIXTURE TYPE | MANUFACTURER                  | LAMP         | VOLTAGE | DESCRIPTION                                                                        |
|--------------|-------------------------------|--------------|---------|------------------------------------------------------------------------------------|
| A            | TO BE DETERMINED BY THE OWNER | 300W MXK     | 120     | RECESSED LOW VOLTAGE DOWNLIGHT                                                     |
| B            | TO BE DETERMINED BY THE OWNER | 300W MXK     | 120     | RECESSED LOW VOLTAGE ADJUSTABLE                                                    |
| C1           | TO BE DETERMINED BY THE OWNER | 300W MXK     | 120     | RECESSED WALL SCONCE                                                               |
| C2           | TO BE DETERMINED BY THE OWNER | 300W MXK     | 120     | RECESSED WALL SCONCE                                                               |
| D            | TO BE DETERMINED BY THE OWNER | 500W MXK     | 120     | RECESSED PENDANT                                                                   |
| E1           | TO BE DETERMINED BY THE OWNER | 1000W MXK    | 120     | CEILING MOUNTED CHANDELIER (SURFACE OR PENDANT)                                    |
| E2           | TO BE DETERMINED BY THE OWNER | 1000W MXK    | 120     | CEILING MOUNTED CHANDELIER (SURFACE OR PENDANT)                                    |
| E3           | TO BE DETERMINED BY THE OWNER | 1000W MXK    | 120     | CEILING MOUNTED CHANDELIER (SURFACE OR PENDANT)                                    |
| F            | TO BE DETERMINED BY THE OWNER | (2) 31W      | 120     | 2x2 FLUORESCENT EMERGENCY BATTERY PACK                                             |
| XA           | TO BE DETERMINED BY THE OWNER | LED INCLUDED | 120     | SURFACE MTD. EMERGENCY LIGHT FIXTURE PROVIDE WITH 90 MINUTE EMERGENCY BATTERY PACK |
| XB           | TO BE DETERMINED BY THE OWNER | LED INCLUDED | 120     | THERMOPLASTIC EXT SIGN PROVIDE WITH 90 MINUTE EMERGENCY BATTERY PACK               |

11/14/06

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44000000  
Architecture  
Interior Design  
Planning  
John Fullerton  
John Diaz  
366 Altara Ave.  
Coral Gables, FL 33148  
Ph: (305) 442-4200  
Fax: (305) 444-5962  
fdiaz@architects.com

CABI SALES CENTER - 331 W. 41ST STREET

MIAMI BEACH, FLORIDA

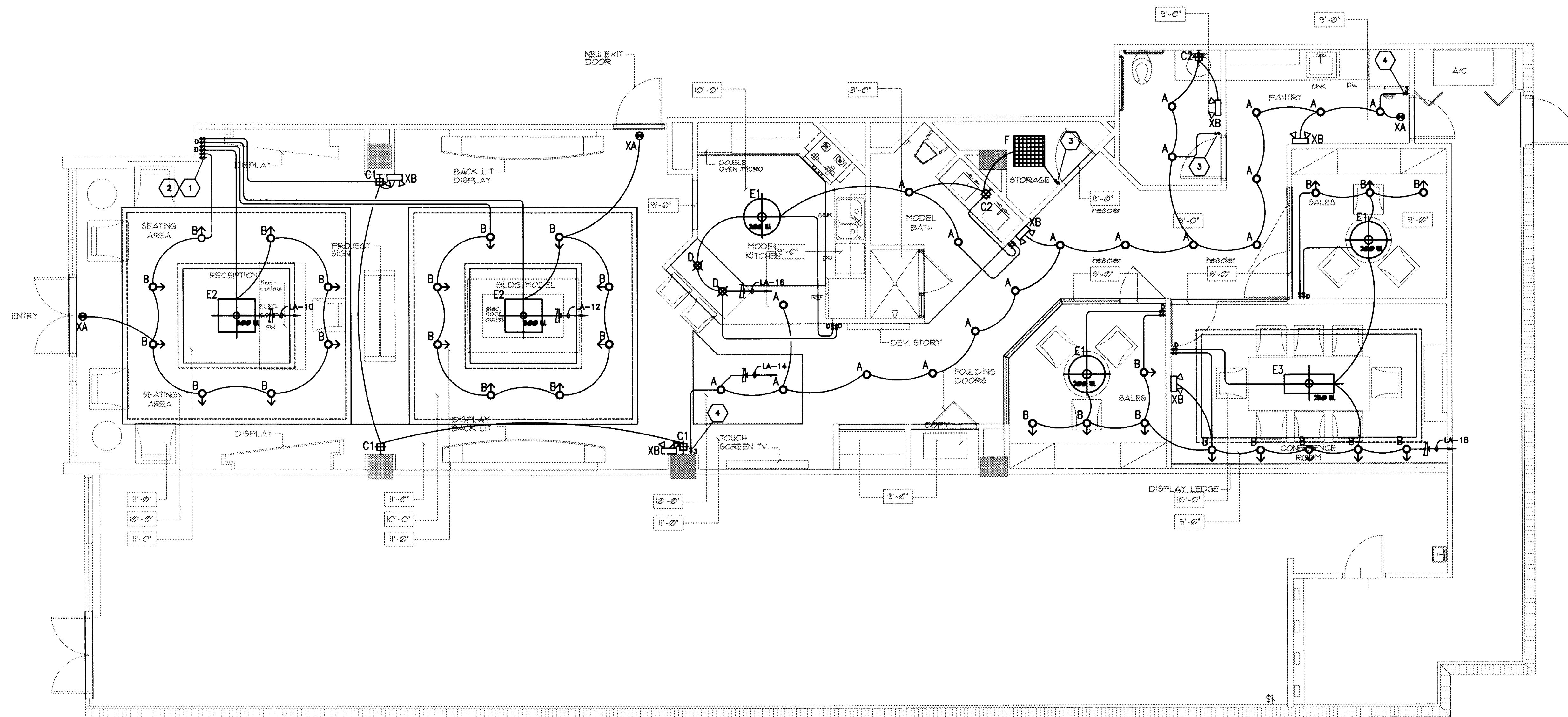
Scale: AS SHOWN  
Date: 05-25-06  
Project Designer: FGA  
Drawn By: FGA  
Checked By: FGA  
Job Number: 30608 - COM  
Submitted: CONSULTATION PERMIT  
File:

## LEGENDS & NOTES

| Revisions | No.              | Description | Date: |
|-----------|------------------|-------------|-------|
| 1         | ISSUE FOR PERMIT | 11/15/06    |       |

Sheet Number

E-001



## GENERAL NOTES

1. ALL EMERGENCY LIGHT FIXTURES/EXIT SIGNS SHALL BE  
UNSWITCHED.

### KEYED NOTES

- 1 AUTOMATIC MASTER SWITCH SHALL TURN OFF ALL LIGHTING IN THIS ROOM.
- 2 SWITCH BANK TO CONTROL SHOWROOM LIGHTS. PROVIDE CONTACTORS AS REQUIRED.
- 3 PROVIDE INFRARED OCCUPANCY SENSOR WITHIN SWITCH. CATALOG # LIRW-277-WH BY LITHONIA OR EQUAL.
- 4 THREEWAY SWITCH TO CONTROL CORRIDOR LIGHTS.

**FULLERTON  
DIAZ  
ARCHITECTS INC.**  
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jdf@dararchitects.com

FULLERTON DIAZ ARCHITECTS INC.

CABI SALES CENTER - 331 W. 41ST STREET

**MIAMI BEACH, FLORIDA**

Scale: \_\_\_\_\_ AS SHOWN  
Date: \_\_\_\_\_ 05-10-06  
Project Designer: \_\_\_\_\_ FDA  
Drawn By: \_\_\_\_\_ FDA  
Checked By: \_\_\_\_\_ FDA  
Job Number: \_\_\_\_\_ 20629 - C&H  
Submital: \_\_\_\_\_ DEMOLITION PERMIT  
File: \_\_\_\_\_

Drawing Title:  
**ELECTRICAL  
LIGHTING PLAN**

[illegible]

Sheet Number

**E-201**

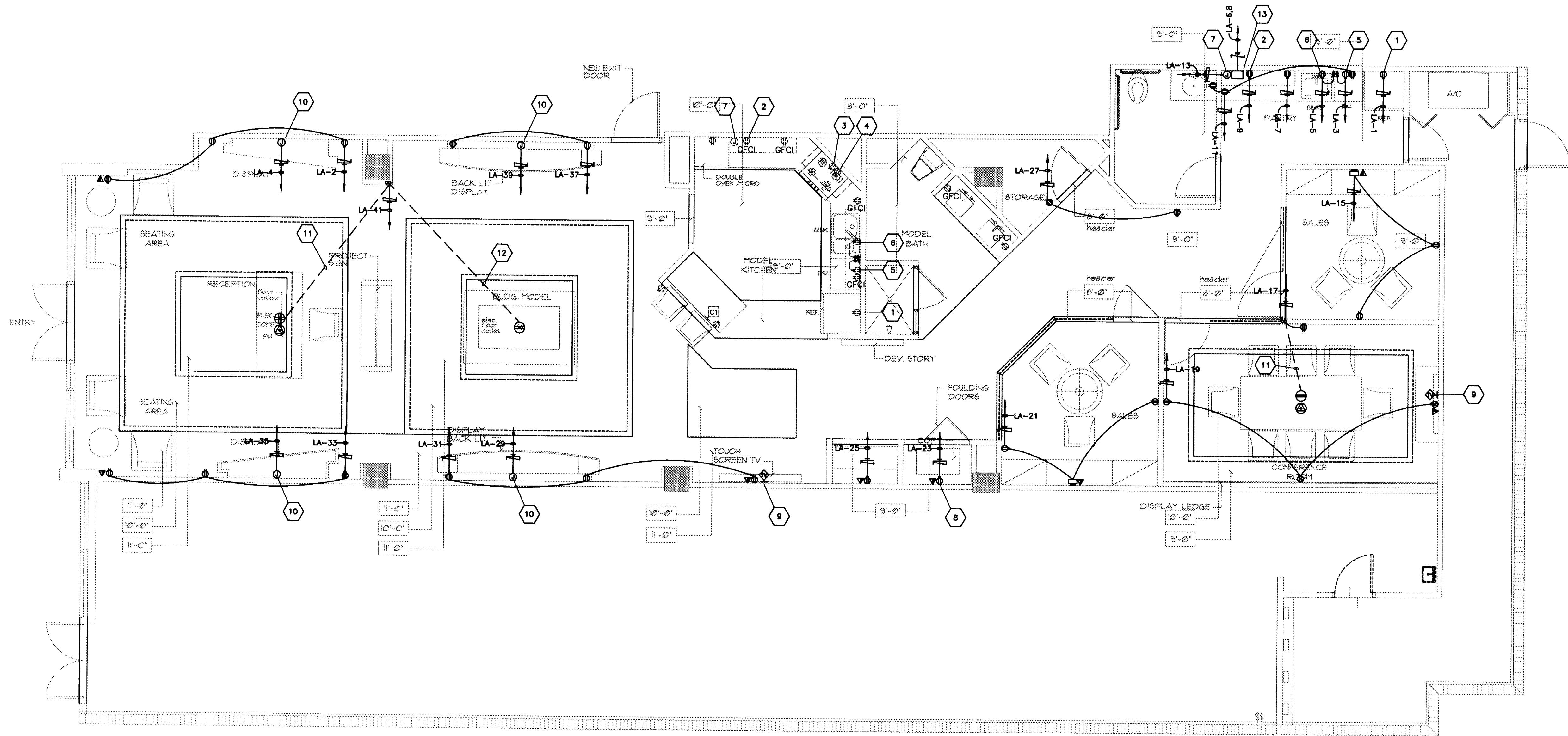
# ELECTRICAL LIGHTING PLAN

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

**SEi**  
COMPANIES  
2424 WILCREST DR, SUITE 200  
HOUSTON, TEXAS 77042-2753  
MAIN TELEPHONE: 713.785.1311  
FAX: 713.785.2556  
[WWW.SEICOMPANIES.COM](http://WWW.SEICOMPANIES.COM)

*[Signature]*  
11/14/06

File Name: F:\306104.00\elec\Sales Center\306104PSALESPWR.DWG  
User: JMartinez  
Date/Time: Nov 14, 2006 - 2:37pm



### KEYED NOTES

- 1 DUPLEX RECEPTACLE FOR REFRIGERATOR.
- 2 MICROWAVE.
- 3 OVEN CONTROLS.
- 4 HOOD.
- 5 DISHWASHER.
- 6 DUPLEX RECEPTACLE FOR DISPOSAL.
- 7 J-BOX RECESSED IN WALL BEHIND CABINET FOR UNDER CABINET LIGHTING.
- 8 COPIER.
- 9 PLASMA TV.
- 10 PROVIDE J-BOX AND BRANCH CIRCUITING AS INDICATED FOR BACKLIT DISPLAYS.
- 11 (2)-1" CONDUITS; ONE FOR POWER, AND ONE FOR TELECOM/DATA.
- 12 (1)-1" CONDUIT FOR POWER.
- 13 ELECTRIC WATER HEATER. EWH-1.

### ELECTRICAL POWER PLAN

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

*[Signature]*  
11/14/06

**SEi**  
COMPANIES  
2424 WILCREST DR, SUITE 200  
HOUSTON, TEXAS 77042-2753  
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3065 Altira Ave.  
Coral Gables, FL 33146  
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jfull@dararchitects.com

FULLERTON DIAZ ARCHITECTS INC.

CABI SALES CENTER - 331 W. 41ST STREET

MIAMI BEACH, FLORIDA

Scale: AS SHOWN  
Date: 06-06-06  
Project Designer: RDA  
Drawn By: RDA  
Checked By: RDA  
Job Number: 306104  
Submitter: REVOLUTION POWER  
File:  
Drawing Title:  
**ELECTRICAL POWER PLAN**

| Revisions |                  |          |
|-----------|------------------|----------|
| No.       | Description      | Date     |
| 1         | ISSUE FOR PERMIT | 11/15/06 |
|           |                  |          |
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Sheet Number

**E-301**



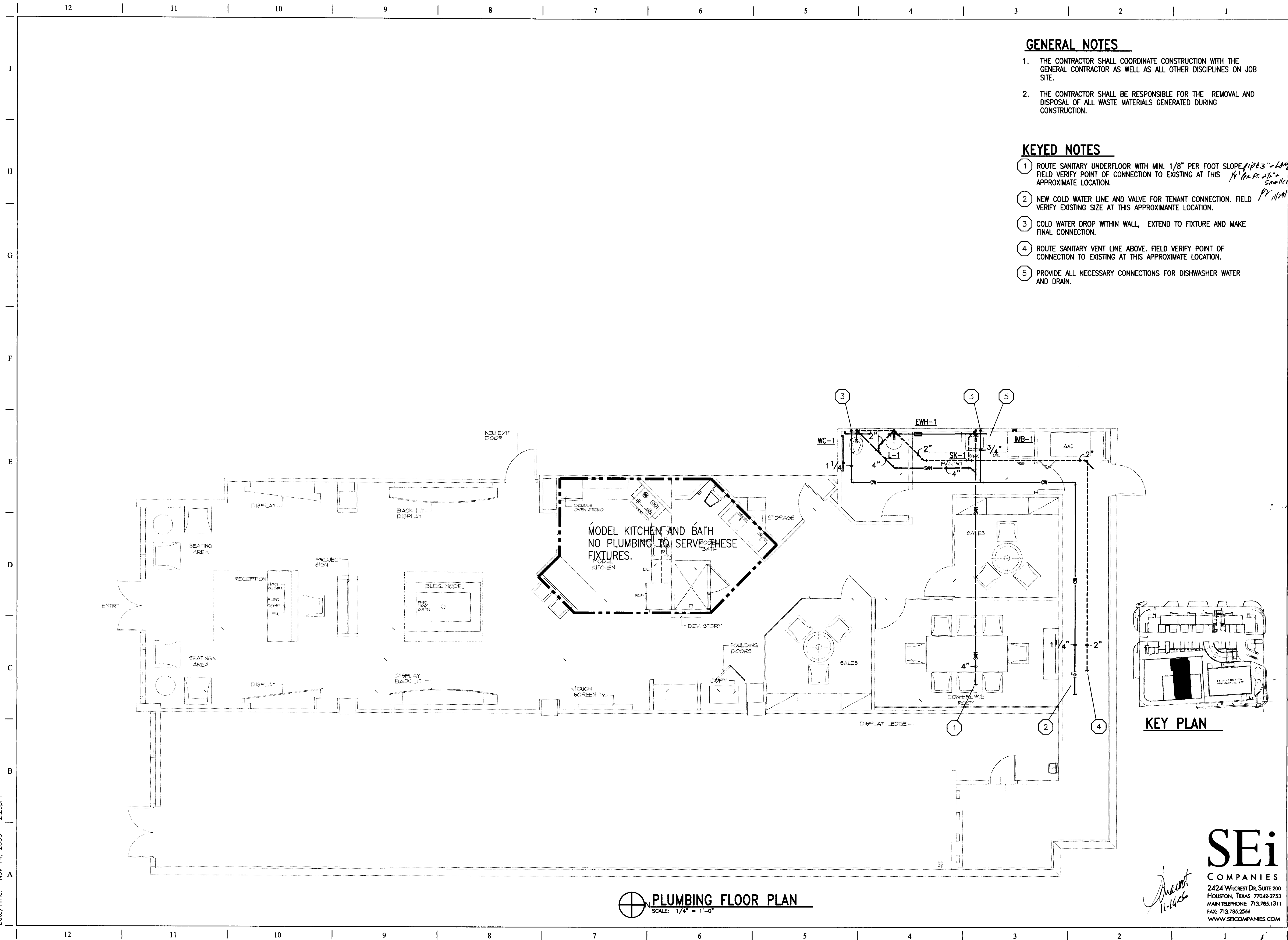
| ITEM  | KW<br>INPUT | TEMPERATURE<br>AT 60° F RISE | STORAGE<br>CAPACITY | VOLTAGE/<br>PHASE | STORED<br>WATER<br>TEMP. | MW, MODEL,<br>COMMENTS |
|-------|-------------|------------------------------|---------------------|-------------------|--------------------------|------------------------|
| EMH-1 | 0.03KW      | 1 GPM                        | N/A                 | 208V/1Ø           | N/A                      | EE MAX EXIST           |

MIAMI BEACH, FLORIDA

\_\_\_\_\_

**SEi**  
COMPANIES  
2424 WILCREST DR, SUITE 200  
HOUSTON, TEXAS 77042-2755  
MAIN TELEPHONE: 713.785.1311  
FAX: 713.785.2556  
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File Name: F:\306104.00\pbg\Sales Center\306104P201.DWG  
User: JMartinez  
Date/Time: Nov 14, 2006 - 2:29pm

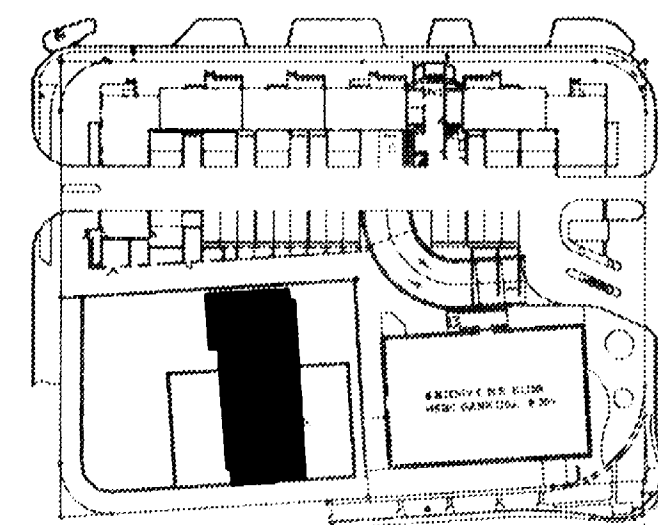


### GENERAL NOTES

1. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION WITH THE GENERAL CONTRACTOR AS WELL AS ALL OTHER DISCIPLINES ON JOB SITE.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND DISPOSAL OF ALL WASTE MATERIALS GENERATED DURING CONSTRUCTION.

### KEYED NOTES

1. ROUTE SANITARY UNDERFLOOR WITH MIN. 1/8" PER FOOT SLOPE. FIELD VERIFY POINT OF CONNECTION TO EXISTING AT THIS APPROXIMATE LOCATION. *1/4" per ft. 2 1/2" x 5' x 11/16"*
2. NEW COLD WATER LINE AND VALVE FOR TENANT CONNECTION. FIELD VERIFY EXISTING SIZE AT THIS APPROXIMATE LOCATION. *PR 11/14/06*
3. COLD WATER DROP WITHIN WALL, EXTEND TO FIXTURE AND MAKE FINAL CONNECTION.
4. ROUTE SANITARY VENT LINE ABOVE. FIELD VERIFY POINT OF CONNECTION TO EXISTING AT THIS APPROXIMATE LOCATION.
5. PROVIDE ALL NECESSARY CONNECTIONS FOR DISHWASHER WATER AND DRAIN.



KEY PLAN

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

**SEi**  
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HOUSTON, TEXAS 77042-2753  
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fdai@fullertonarchitects.com

CABI SALES CENTER - 331 W. 41ST STREET  
MIAMI BEACH, FLORIDA

Scale: AS SHOWN  
Date: 05-10-06  
Project Designer: PDA  
Drawn By: PDA  
Checked By: PDA  
Job Number: 306104 - Cabi  
Submit: RESOLUTION PERMIT  
File:

Drawing Title:  
**PLUMBING FLOOR PLAN**

| Revisions |             |      |
|-----------|-------------|------|
| No.       | Description | Date |
|           |             |      |
|           |             |      |
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Sheet Number

**P-201**

**GENERAL NOTES:**

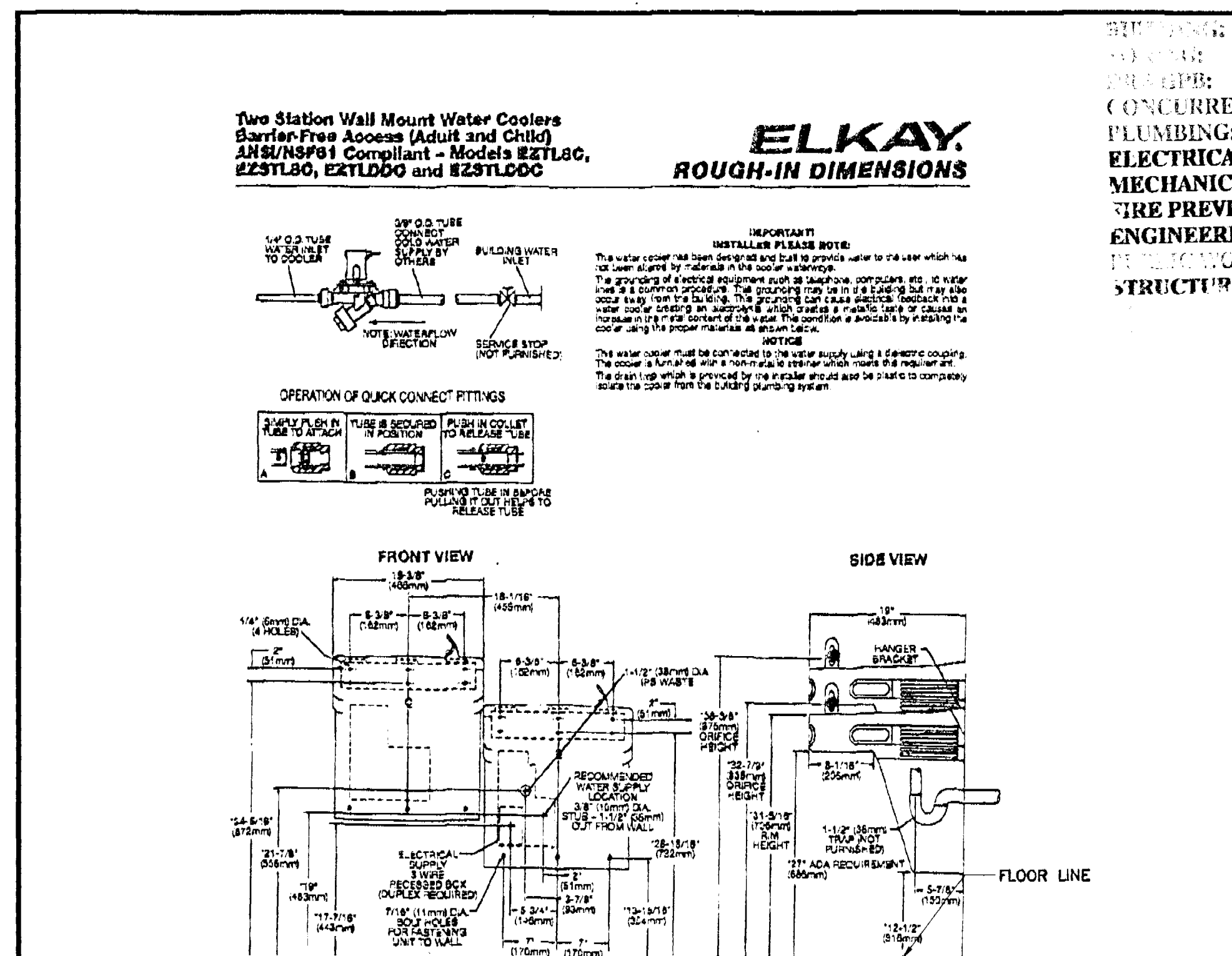
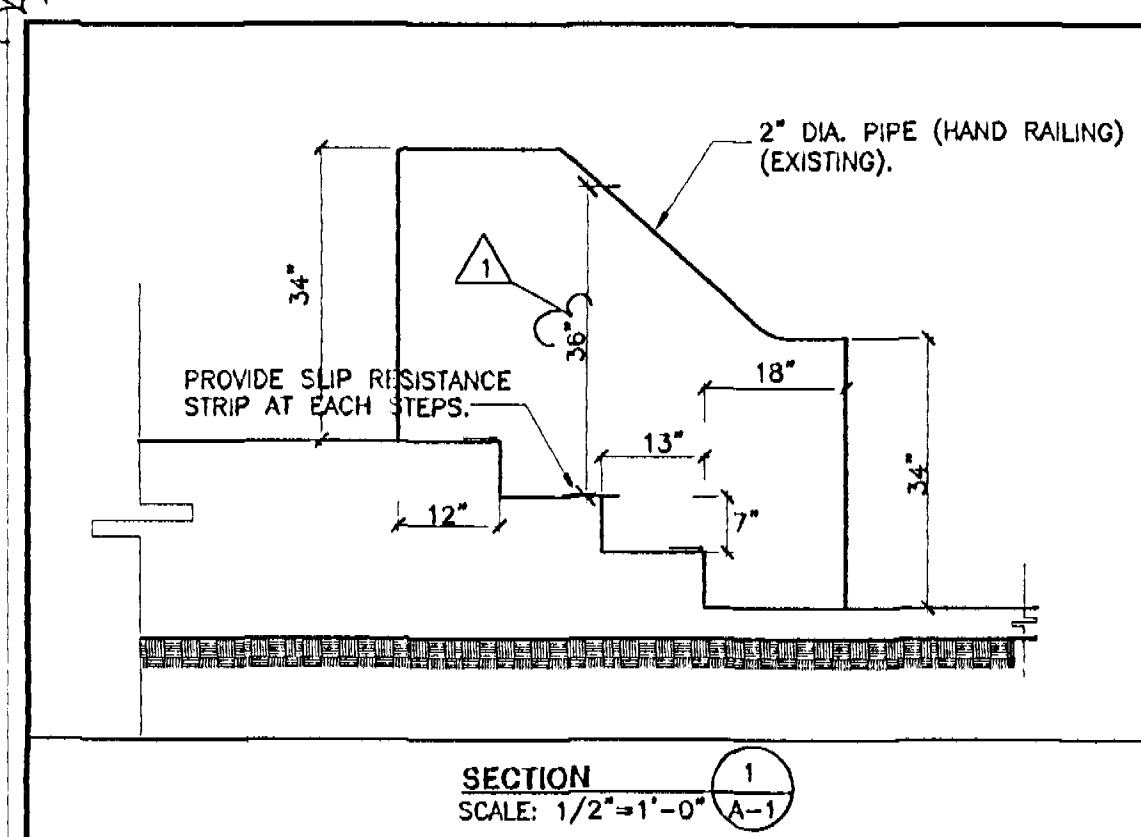
1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF THE " FLORIDA BUILDING CODE", 2004 EDITION.
2. VERIFY ALL DIMENSIONS ON DRAWINGS AND CONDITIONS AT JOB SITE PRIOR TO COMMENCING WORK. NOTIFY ARCHITECT OR OWNER REPRESENTATIVE OF ANY DISCREPANCIES AND SECURE AN INTERPRETATION OR DECISION FROM THE ARCHITECT BEFORE PROCEEDING WITH THE WORK. DO NOT SCALE DRAWINGS, DIMENSIONS GOVERN.
3. ARCHITECT/INTERIOR DESIGN ENGINEER'S VISITS AT THE SITE DURING CONSTRUCTION SHALL BE SCHEDULED WITH CONTRACTOR BEFORE COMMENCING OF WORK AND DURING CONSTRUCTION SHALL BE COORDINATED WITHIN 24 HOURS IN ADVANCE PRIOR TO INSPECTION.
4. OBTAIN THE LATEST SET OF DRAWINGS, INCLUDING ANY REVISIONS, BEFORE COMMENCING WORK. NO CHANGES OR SUBSTITUTIONS SHALL BE MADE WITHOUT THE WRITTEN PERMISSION OF THE OWNER/ARCHITECT/INTERIOR DESIGNER.
5. THE ARCHITECT/ENGINEER DOES NOT ACCEPT RESPONSIBILITY FOR THE MISINTERPRETATION OF THESE PLANS BY OTHERS, THE REVIEW AND APPROVAL OF SHOP DRAWINGS BY OTHERS.
6. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY ITEMS PURCHASED BY THE OWNER AND GIVEN TO HIM FOR INSTALLATION.
7. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION, AND FOR THE SEQUENCES AND PROCEDURES TO BE USED.
8. THE CONTRACTOR SHALL PRODUCE, BY MEANS OF SHOP DRAWINGS, ALL ADDITIONAL DETAILS WHICH ARE INFERRABLE FROM THESE PLANS AND WHICH ARE NECESSARY FOR THE EXECUTION AND COMPLETION OF THE WORK.
9. THE CONTRACTOR MUST FURNISH ALL LABOR, TOOLS, MATERIALS AND EQUIPMENT NECESSARY TO EXECUTE THE CONSTRUCTION OF THIS JOB.
10. THE ARCHITECT/INTERIOR DESIGNER/OWNER HAS THE RIGHT TO REFUSE ANY MATERIAL AND WORKMANSHIP THAT DOES NOT MEET HIGH QUALITY STANDARDS OF THE VARIOUS TRADES INVOLVED.
11. CLEANING AND DEBRIS REMOVAL. THE OWNER SHALL RECEIVE THE PROPERTY FREE FROM DUST, ALL GLASS SURFACES SHALL BE CLEAN AND DEBRIS SHALL BE REMOVED FROM THE SITE. THE CONTRACTOR SHALL MAKE EFFORT TO MAINTAIN THE FLOOR CLEAN DURING CONSTRUCTION PROGRESS. LEFTOVERS FORM MEALS CONSUMED ON PREMISES SHALL BE DEPOSITED IN SEALED CONTAINERS.
12. WINDOW MANUFACTURER TO VERIFY ALL WINDOW OPENINGS AT FIELD PRIOR TO WINDOW PLACEMENT.
13. DO NOT SUBSTITUTE MATERIALS, EQUIPMENTS OR METHODS OF CONSTRUCTION UNLESS SUCH SUBSTITUTIONS OR CHANGES HAVE BEEN APPROVED IN WRITING BY THE OWNER/ARCHITECT/ENGINEER.
14. DO NOT SCALE DRAWINGS, DIMENSIONS GOVERN.

**BUILDING CODE**

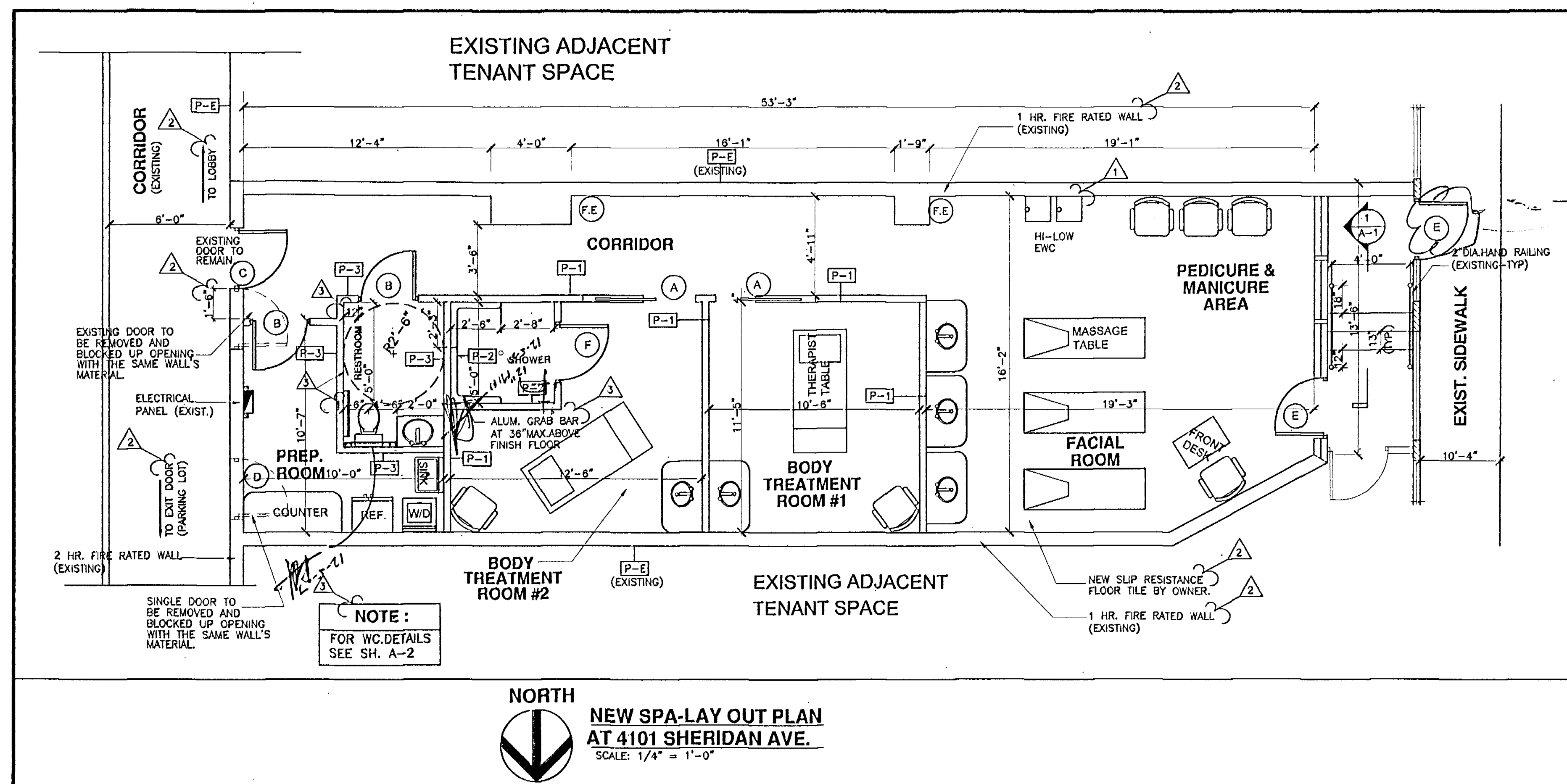
1. APPLICABLE CODE: FLORIDA BUILDING CODE, 2004 EDITION WITH LATEST REVISIONS. TO THE BEST OF ENGINEER'S KNOWLEDGE AND BELIEF, THESE STRUCTURAL PLANS AND SPECIFICATIONS COMPLY WITH THE MINIMUM REQUIREMENTS OF APPLICABLE BUILDING CODES.
2. 2004 FLORIDA FIRE PREVENTION AND NFPA 101 LIFE SAFETY CODE, 2003 EDITION.

## FIRE EXTINGUISHER

EXISTING(2)-5 LB ABC TYPE FIRE EXTINGUISHER MOUNTED AT 48" A.F.F.  
AS NOTED ON DRAW.

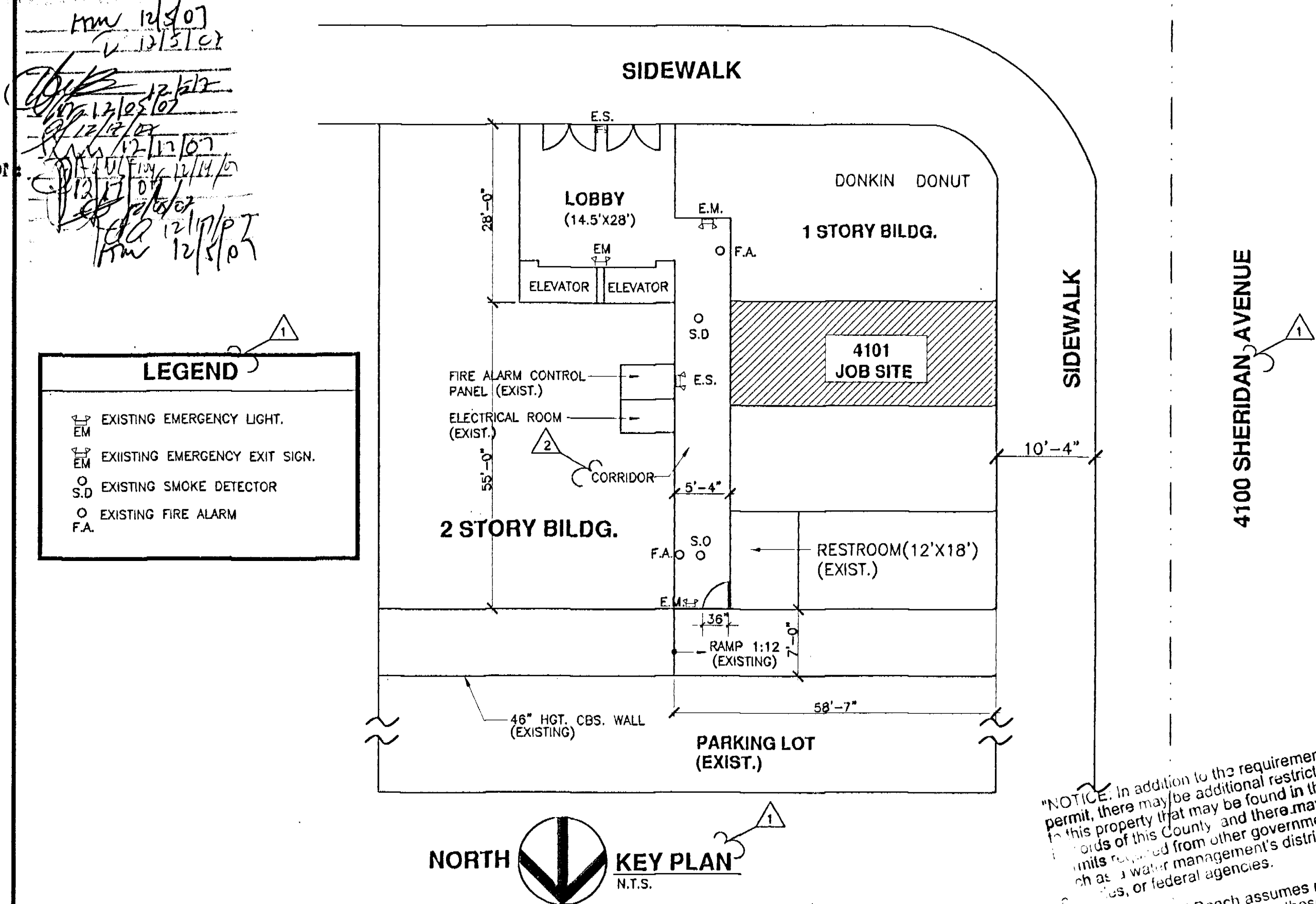


**DRINKING FOUNTAIN (HI-LO) DETAIL**  
N.T.S.



OFFICE COPY

ARTHUR GODFREY RD.



\*NOTICE: In addition to the requirement of this  
permit, there may be additional restrictions and applicable  
to this property that may be found in the public  
records of this County, and there may be additional  
units received from other governmental entities  
such as a water management's districts, state  
agencies, or federal agencies.

The City of Miami Beach assumes no responsibility  
for accuracy of or results from these plans which have  
never been subject to compliance with any federal,  
state, and Local Laws, Rules, and Regulations.

## SCOPE OF WORK

TENANT SPACE IS EMPTY; THE LAY OUT  
& FIXTURES SHOWN IN THE SPA-LAY  
OUT PLAN ARE PROPOSED.(INTERIOR  
REMODELING ONLY.

Emergency Door Entry/Exit  
 SAVING, NOT INTO PRESENT OF WHI  
 12/6/02

**ZONING'S NOTES:**

|                                                                                       |                              |                         |
|---------------------------------------------------------------------------------------|------------------------------|-------------------------|
|  | <b>OCCUPANCY :</b>           | BUSINESS GROUP B        |
|                                                                                       | <b>OCCUPANCY LOAD :</b>      | 7 GUESTS<br>3 EMPLOYEES |
|                                                                                       | <b>OCCUPANCY LOAD :</b>      | 844 SQFT.               |
|                                                                                       | <b>LEVEL OF ALTERATION :</b> | 2                       |
|                                                                                       | <b>CONSTRUCTION TYPE :</b>   | ALTERATION (RENOVATION) |

**PLAN NOTE:**

- |   |    |            |                                                                                                            |
|---|----|------------|------------------------------------------------------------------------------------------------------------|
| 2 | 1- | <b>P-J</b> | INDICATES PARTITION TYPES.<br>(SEE SECTIONS)                                                               |
|   | 2- | <b>P-E</b> | INDICATES EXISTING DIVISING<br>WALL (METAL STUDS WITH GREEN<br>BOARDS 1 HR. FIRE RATED WALL.               |
| 2 | 3- | <b>F-E</b> | FIRE EXTINGUISHER<br>(SURFACE MOUNTED W/BRACKET)                                                           |
|   | 4- |            | FLOOR FINISHED, CERAMIC TILE AS<br>PER OWNER REQUEST                                                       |
| 2 | 5- |            | CURRENT TENANT SPACE IS EMPTY;<br>THE LAY OUT & FIXTURES SHOWN IN<br>THE SPA-LAY OUT PLAN ARE<br>PROPOSED. |

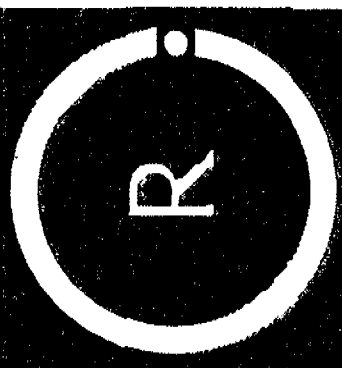
(TENANT SPACE HAS NO SPRINKLER



**RC.**  
ENGINEERING

175 FOUNTAINEBLEAU BLVD. STE. 2-G6  
MIAMI, FLORIDA 33172.  
PH: 305-229-3874  
FAX: 305-229-2827

# ENGINEERING



**RENEWAL DAY SPA FOR:  
JENNY VARGAS  
4101 SHERIDAN AVENUE  
MIAMI BEACH, FL. 33104**

SEAL:

The seal is a circular emblem. It features a large, stylized 'P' in the background. Overlaid on the 'P' is a signature that appears to read 'Roger Chavarria'. Below the signature, the text 'ROGER CHAVARRIA, P.E.' is printed in a bold, sans-serif font. Underneath that, 'PROFESSIONAL ENGINEER' is printed in a smaller, all-caps font. The next line shows 'FL. LIC. # 50712' and the final line shows 'C.A.#26834'. The entire seal is enclosed within a double-lined circular border.

ROGER CHAVARRIA, P.E.  
PROFESSIONAL ENGINEER  
FL. LIC. # 50712  
C.A.#26834

DATE: 12-4-07

| Revisions |          |             |
|-----------|----------|-------------|
| No.       | Date     | Description |
| 1         | 09-25-07 | BY BLDG.DPT |
| 2         | 11-15-07 | BY BLDG.DPT |
| 3         | 12-04-07 | BY BLDG.DPT |

|             |          |
|-------------|----------|
| DATE:       | 06-14-07 |
| DRAWN BY:   | J.B.     |
| CHECKED BY: | R.C.     |
| SCALE:      | AS SHOWN |

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## FLOOR PLAN

Sheet No. 1 OF 7

**A-1**

# NEW SPA FOR JENNY VARGAS

## AT: 4101 SHERIDAN AVENUE

### GENERAL NOTES:

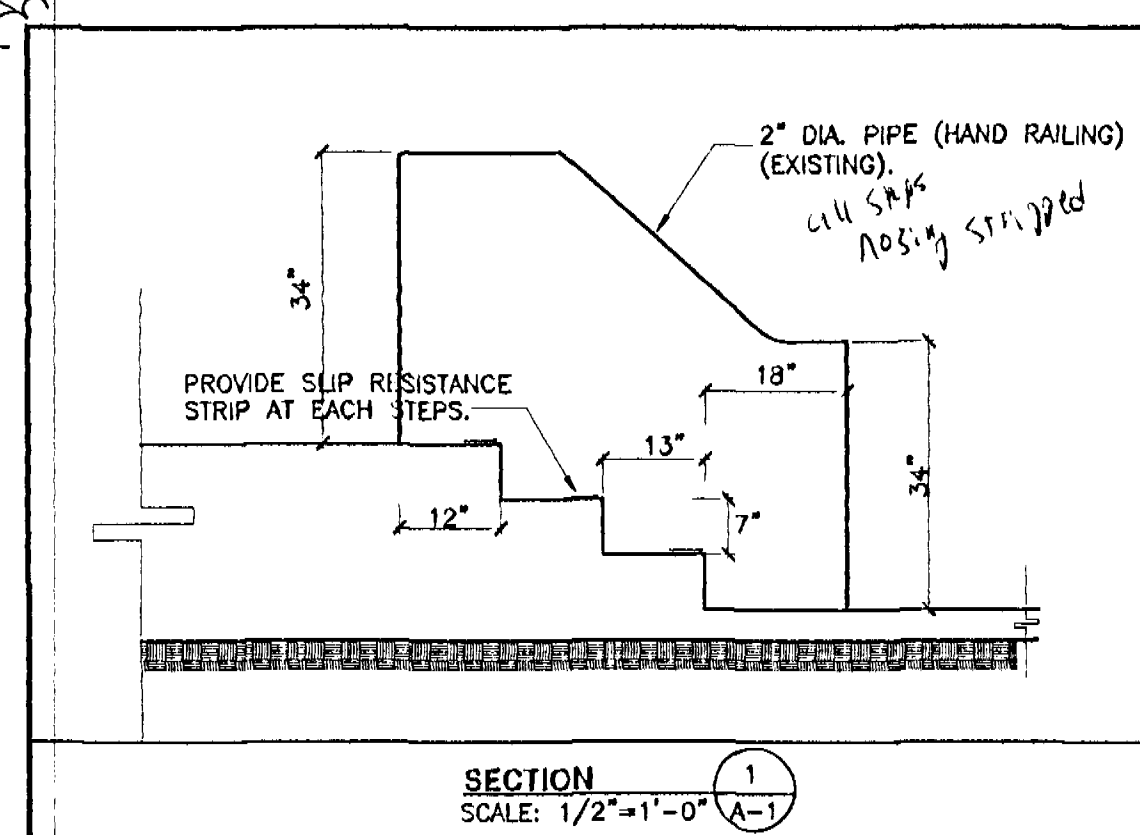
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF THE "FLORIDA BUILDING CODE", 2004 EDITION.
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- WINDOW MANUFACTURER TO VERIFY ALL WINDOW OPENINGS AT FIELD PRIOR TO WINDOW PLACEMENT.
- DO NOT SUBSTITUTE MATERIALS, EQUIPMENTS OR METHODS OF CONSTRUCTION UNLESS SUCH SUBSTITUTIONS OR CHANGES HAVE BEEN APPROVED IN WRITING BY THE OWNER/ARCHITECT/ENGINEER.
- DO NOT SCALE DRAWINGS, DIMENSIONS GOVERN.

### BUILDING CODE

- APPLICABLE CODE: FLORIDA BUILDING CODE, 2004 EDITION WITH LATEST REVISIONS. TO THE BEST OF ENGINEER'S KNOWLEDGE AND BELIEF, THIS STRUCTURAL PLAN AND SPECIFICATIONS COMPLY WITH THE MINIMUM REQUIREMENTS OF APPLICABLE BUILDING CODES.
- 2004 FLORIDA FIRE PREVENTION AND NFPA 101 LIFE SAFETY CODE, 2003 EDITION.

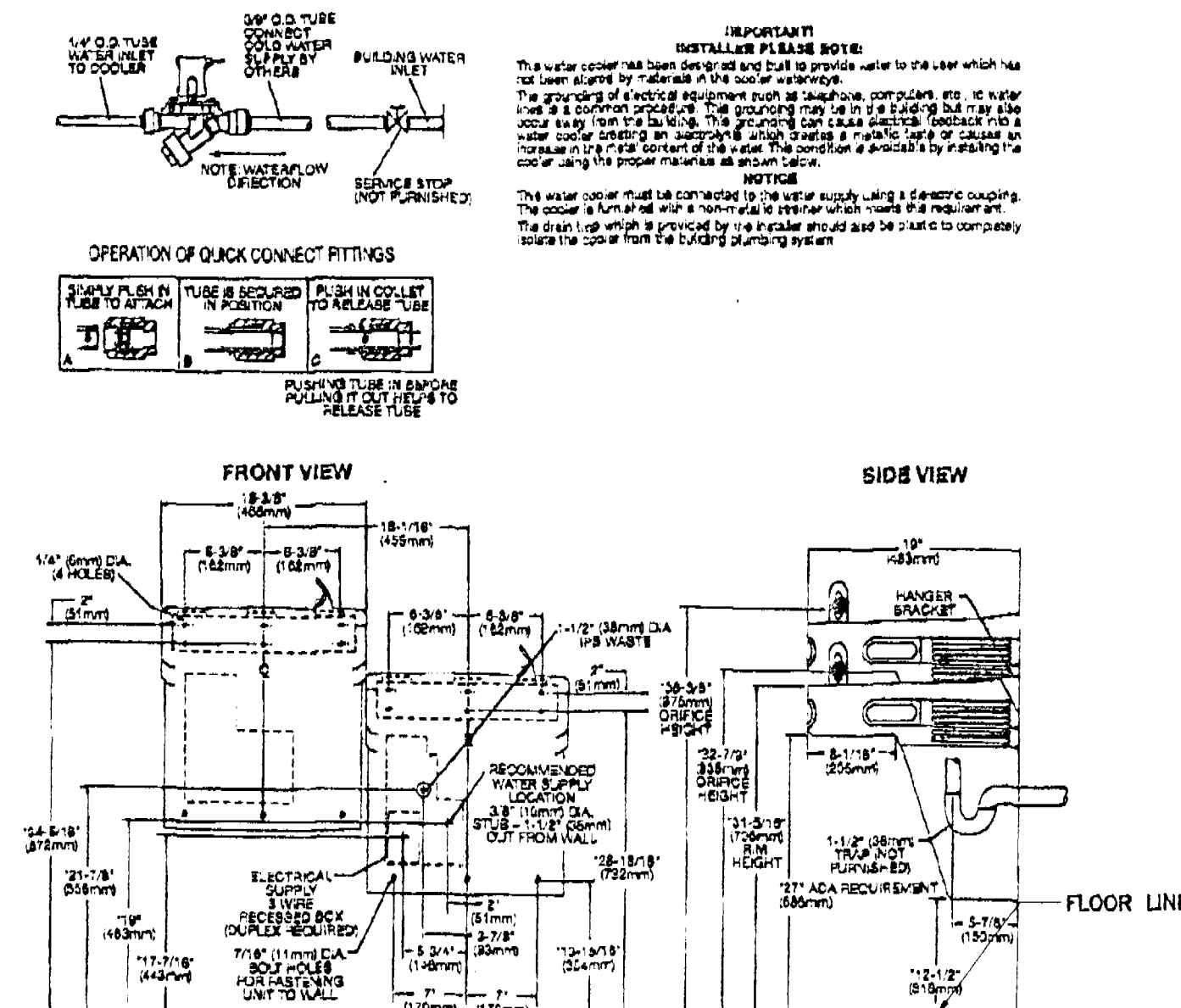
### FIRE EXTINGUISHER

EXISTING(2)-5 LB ABC TYPE FIRE EXTINGUISHER MOUNTED AT 48" A.F.F. AS NOTED ON DRAW.



Two Station Wall Mount Water Coolers  
Barrier-Free Access (Adult and Child)  
ANSI/ANSI Compliant - Models E25TL80,  
E25TL80, EXTL800 and E25TL800

**ELKAY**  
ROUGH-IN DIMENSIONS



DRINKING FOUNTAIN (HI-LO) DETAIL  
N.T.S.

### LEGEND

- EXISTING EMERGENCY LIGHT.
- EXISTING EMERGENCY EXIT SIGN.
- EXISTING SMOKE DETECTOR
- EXISTING FIRE ALARM

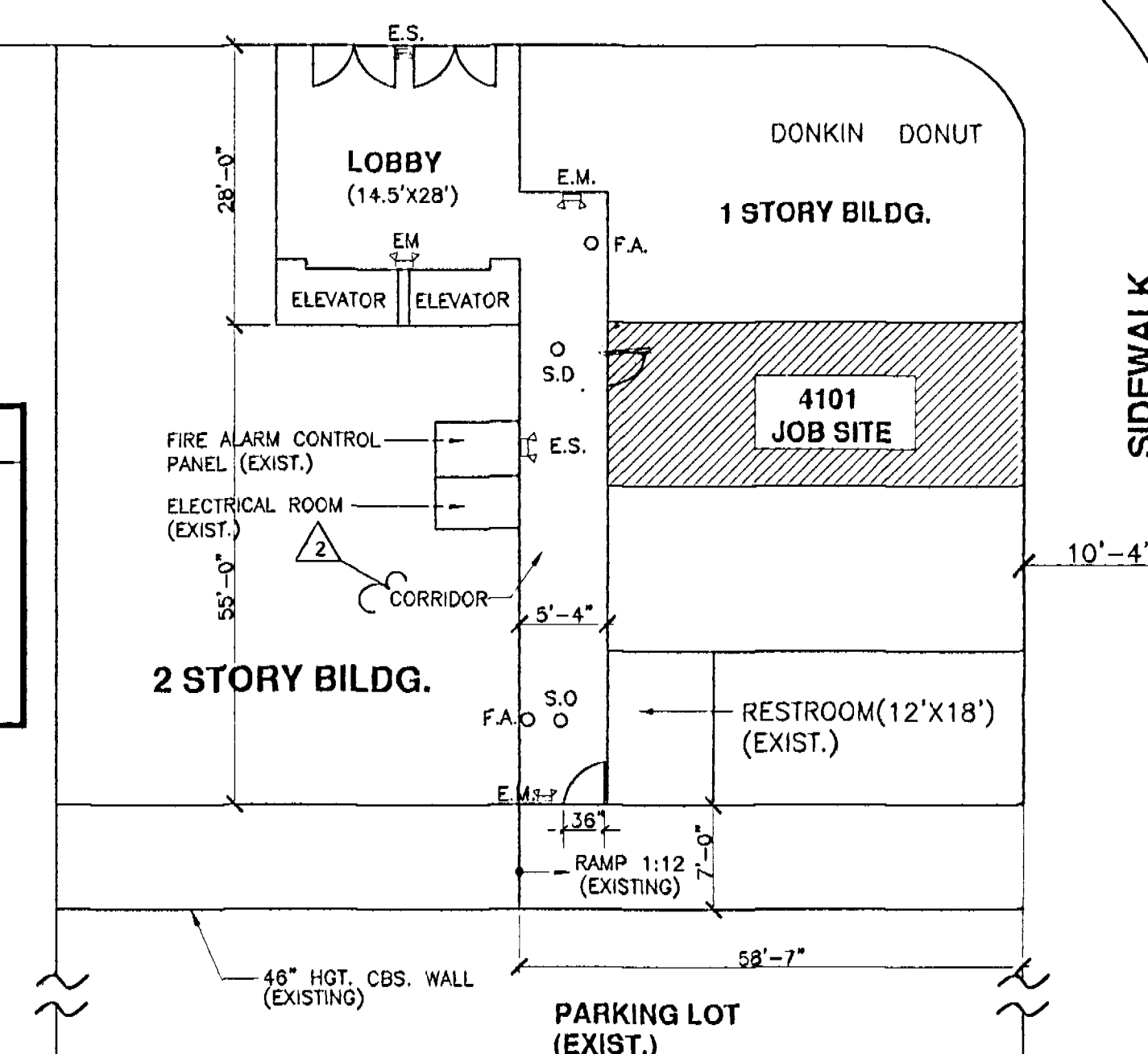
### OFFICE COPY

CITY OF MIAMI BEACH  
APPROVED FOR PERMIT BY THE FOLLOWING:

PLUMBING:  
ELECTRICAL:  
MECHANICAL:  
ENGINEERING:  
PUBLIC WORKS:  
STRUCTURAL:  
ACCESSIBILITY:

ARTHUR GODFREY RD.

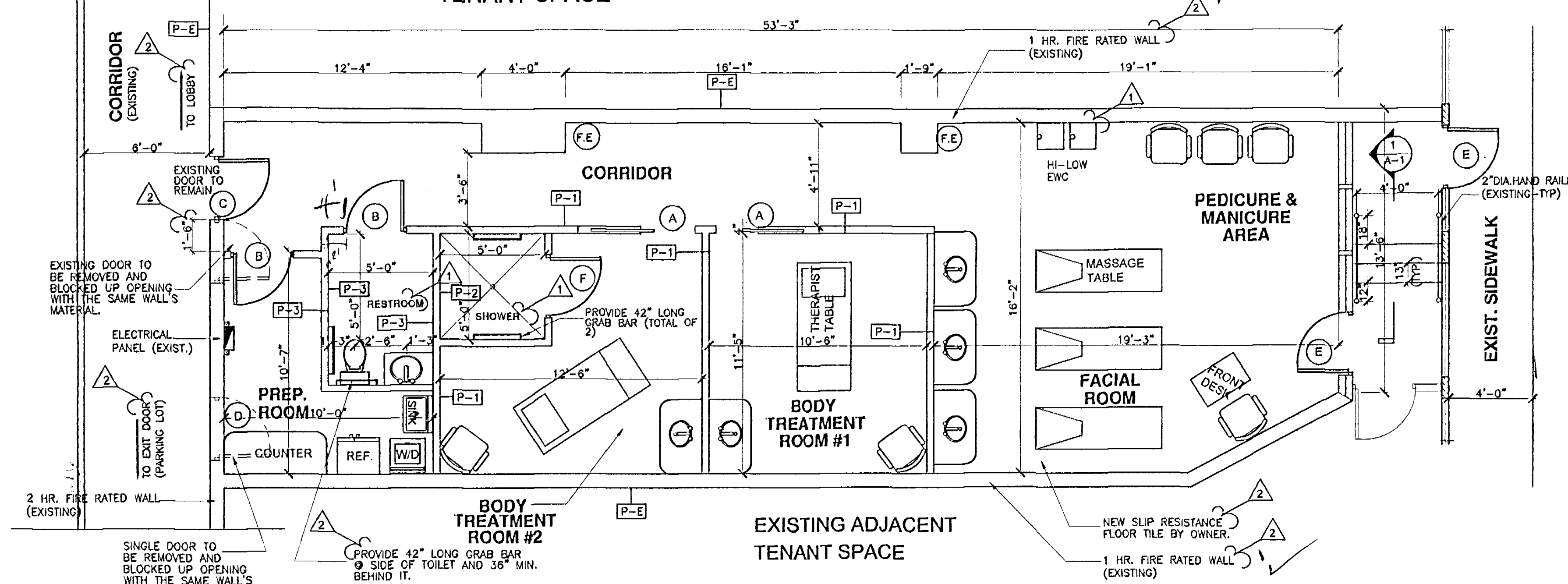
SIDEWALK



NORTH

KEY PLAN  
N.T.S.

### EXISTING ADJACENT TENANT SPACE



NORTH

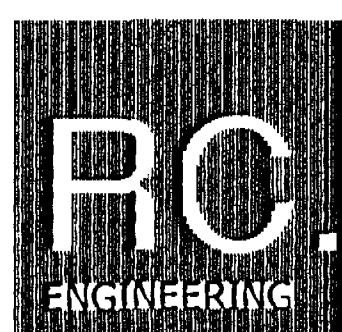
NEW SPA-LAY OUT PLAN  
AT 4101 SHERIDAN AVE.  
SCALE: 1/4" = 1'-0"

### ZONING'S NOTES:

|                       |                         |
|-----------------------|-------------------------|
| OCCUPANCY :           | BUSINESS GROUP B        |
| OCCUPANCY LOAD :      | 7 GUESTS<br>3 EMPLOYEES |
| OCCUPANCY LOAD :      | 844 SQ.FT.              |
| LEVEL OF ALTERATION : | 2                       |
| CONSTRUCTION TYPE :   | ALTERATION (RENOVATION) |

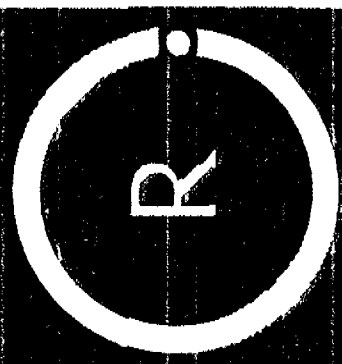
### PLAN NOTE:

|                               |      |                                                                                                            |
|-------------------------------|------|------------------------------------------------------------------------------------------------------------|
| 1.-                           | P-E  | INDICATES PARTITION TYPES.<br>(SEE SECTIONS)                                                               |
| 2.-                           | P-E  | INDICATES EXISTING DIMISING<br>WALL(METAL STUDS WITH GREEN<br>BOARDS (1 HR. FIRE RATED WALL                |
| 3.-                           | (FE) | FIRE EXTINGUISHER<br>(SURFACE MOUNTED W/BACKET)                                                            |
| 4.-                           |      | FLOOR FINISHED, CERAMIC TILE AS<br>PER OWNER REQUEST                                                       |
| 5.-                           |      | CURRENT TENANT SPACE IS EMPTY;<br>THE LAY OUT & FIXTURES SHOWN IN<br>THE SPA-LAY OUT PLAN ARE<br>PROPOSED. |
| TENANT SPACE HAS NO SPRINKLER |      |                                                                                                            |



175 FOUNTAIN BLVD. STE. 2-GA  
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PH: 305-229-2874  
FAX: 305-229-2877

ENGINEERING



RENEWAL DAY SPA FOR:  
JENNY VARGAS  
4101 SHERIDAN AVENUE  
MIAMI BEACH, FL. 33104

SEAL:  
ROGER C. VARGIAS, P.E.  
PROFESSIONAL ENGINEER  
FL. LIC. # 50712  
C.A.#22834  
DATE: 11-15-07

| Revisions |          |             |
|-----------|----------|-------------|
| No.       | Date     | Description |
| 1         | 09-25-07 | BY BLDG.DPT |
| 2         | 11-15-07 | BY BLDG.DPT |

DATE: 08-14-07

DRAWN BY: J.B.

CHECKED BY: R.C.

SCALE: AS SHOWN

### FLOOR PLAN

Sheet No. 1 OF 7

A-1

# NEW SPA FOR YENNY VARGAS

4101 SHERIDAN AVENUE

## GENERAL NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF THE "FLORIDA BUILDING CODE", 2004 EDITION.
- VERIFY ALL DIMENSIONS ON DRAWINGS AND CONDITIONS AT JOB SITE PRIOR TO COMMENCING WORK. NOTIFY ARCHITECT OR OWNER REPRESENTATIVE OF ANY DISCREPANCIES AND SECURE AN INTERPRETATION OR DECISION FROM THE ARCHITECT BEFORE PROCEEDING WITH THE WORK. DO NOT SCALE DRAWINGS, DIMENSIONS GOVERN.
- ARCHITECT/INTERIOR DESIGN ENGINEER'S VISITS AT THE SITE DURING CONSTRUCTION SHALL BE SCHEDULED WITH CONTRACTOR BEFORE COMMENCING WORK AND DURING CONSTRUCTION SHALL BE COORDINATED WITHIN 24 HOURS IN ADVANCE PRIOR TO INSPECTION.
- OBTAIN THE LATEST SET OF DRAWINGS, INCLUDING ANY REVISIONS, BEFORE COMMENCING WORK. NO CHANGES OR SUBSTITUTIONS SHALL BE MADE WITHOUT THE WRITTEN PERMISSION OF THE OWNER/ARCHITECT/INTERIOR DESIGNER.
- THE ARCHITECT/ENGINEER DOES NOT ACCEPT RESPONSIBILITY FOR THE MISINTERPRETATION OF THESE PLANS BY OTHERS, THE REVIEW AND APPROVAL OF SHOP DRAWINGS BY OTHERS.
- THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY ITEMS PURCHASED BY THE OWNER AND GIVEN TO HIM FOR INSTALLATION.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION, AND FOR THE SEQUENCES AND PROCEDURES TO BE USED.
- THE CONTRACTOR SHALL PRODUCE, BY MEANS OF SHOP DRAWINGS, ALL ADDITIONAL DETAILS WHICH ARE INFERRABLE FROM THESE PLANS AND WHICH ARE NECESSARY FOR THE EXECUTION AND COMPLETION OF THE WORK.
- THE CONTRACTOR MUST FURNISH ALL LABOR, TOOLS, MATERIALS AND EQUIPMENT NECESSARY TO EXECUTE THE CONSTRUCTION OF THIS JOB.
- THE ARCHITECT/INTERIOR DESIGNER/OWNER HAS THE RIGHT TO REFUSE ANY MATERIAL AND WORKMANSHIP THAT DOES NOT MEET HIGH QUALITY STANDARDS OF THE VARIOUS TRADES INVOLVED.
- CLEANING AND DEBRIS REMOVAL. THE OWNER SHALL RECEIVE THE PROPERTY FREE FROM DUST, ALL GLASS SURFACES SHALL BE CLEAN AND DEBRIS SHALL BE REMOVED FROM THE SITE. THE CONTRACTOR SHALL MAKE EFFORT TO MAINTAIN THE FLOOR CLEAN DURING CONSTRUCTION PROGRESS. LEFTOVERS FORM MEALS CONSUMED ON PREMISES SHALL BE DEPOSITED IN SEALED CONTAINERS.
- WINDOW MANUFACTURER TO VERIFY ALL WINDOW OPENINGS AT FIELD PRIOR TO WINDOW PLACEMENT.
- DO NOT SUBSTITUTE MATERIALS, EQUIPMENTS OR METHODS OF CONSTRUCTION UNLESS SUCH SUBSTITUTIONS OR CHANGES HAVE BEEN APPROVED IN WRITING BY THE OWNER/ARCHITECT/ENGINEER.
- DO NOT SCALE DRAWINGS, DIMENSIONS GOVERN.

## BUILDING CODE :

- APPLICABLE CODE: FLORIDA BUILDING CODE, 2004 EDITION WITH LATEST REVISIONS. TO THE BEST OF ENGINEER'S KNOWLEDGE AND BELIEF, THESE STRUCTURAL PLANS AND SPECIFICATIONS COMPLY WITH THE MINIMUM REQUIREMENTS OF APPLICABLE BUILDING CODES.
- OCCUPANCY TYPE: GROUP M (MERCANTILE)
- 2004 FLORIDA FIRE PREVENTION AND NFPA 101 LIFE SAFETY CODE, 2003 EDITION.

## FIRE EXTINGUISHER :

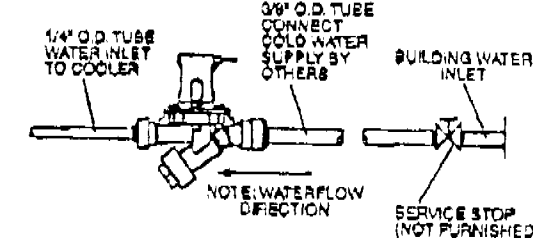
EXISTING (2)-5 LB ABC TYPE FIRE EXTINGUISHER MOUNTED AT 48" A.F.F. AS NOTED ON DRAW.

## ZONING'S NOTES:

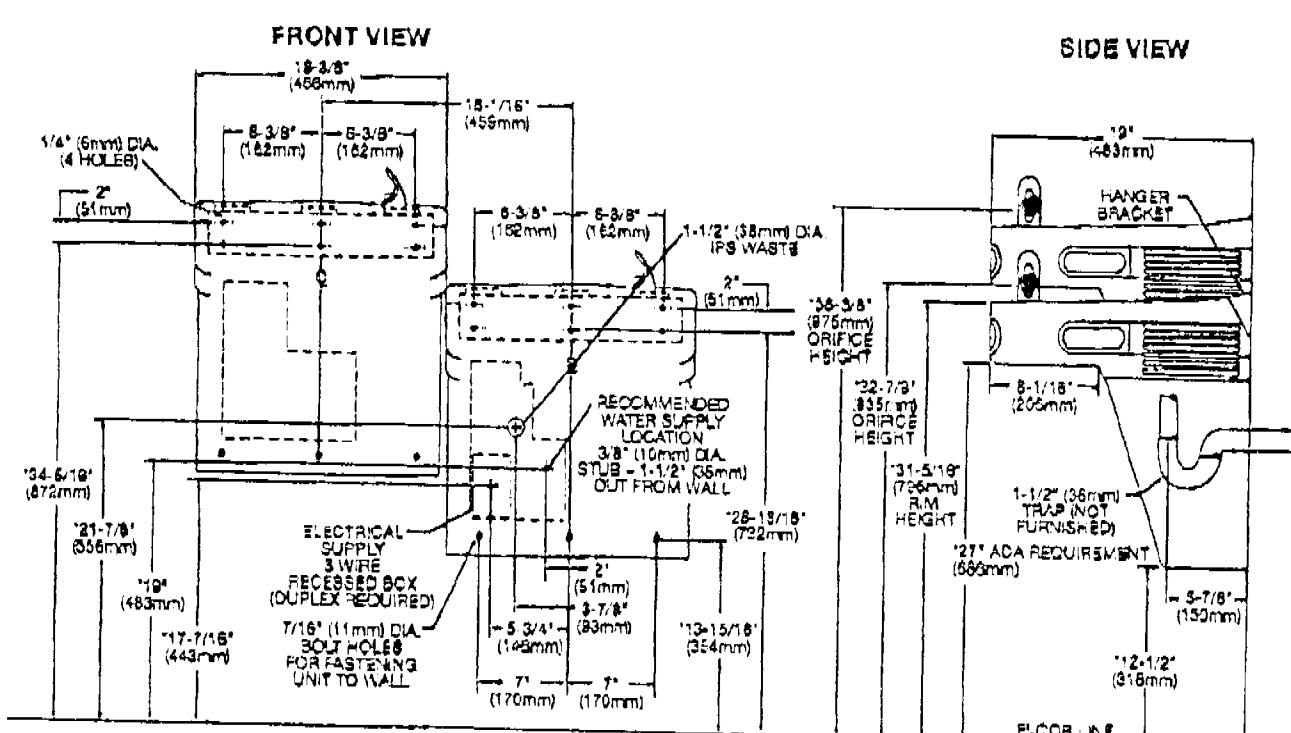
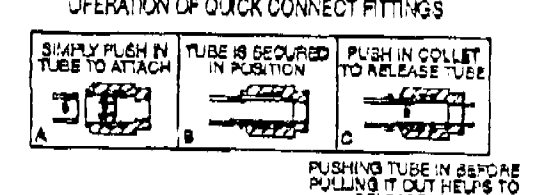
|                       |                         |
|-----------------------|-------------------------|
| OCCUPANCY :           | BUSINESS GROUP B        |
| OCCUPANCY LOAD :      | 7 GUESTS<br>3 EMPLOYEES |
| OCCUPANCY LOAD :      | 844 SQFT.               |
| LEVEL OF ALTERATION : | 2                       |
| WORK AREA :           | ALTERATION (RENOVATION) |

Two Station Wall Mount Water Coolers  
Barrier-Free Access (Adult and Child)  
ANSI/ANSI81 Compliant - Models EZTL8C,  
EZSL8C, EZTL8CC and EZSL8CC

**ELKAY**  
ROUGH-IN DIMENSIONS

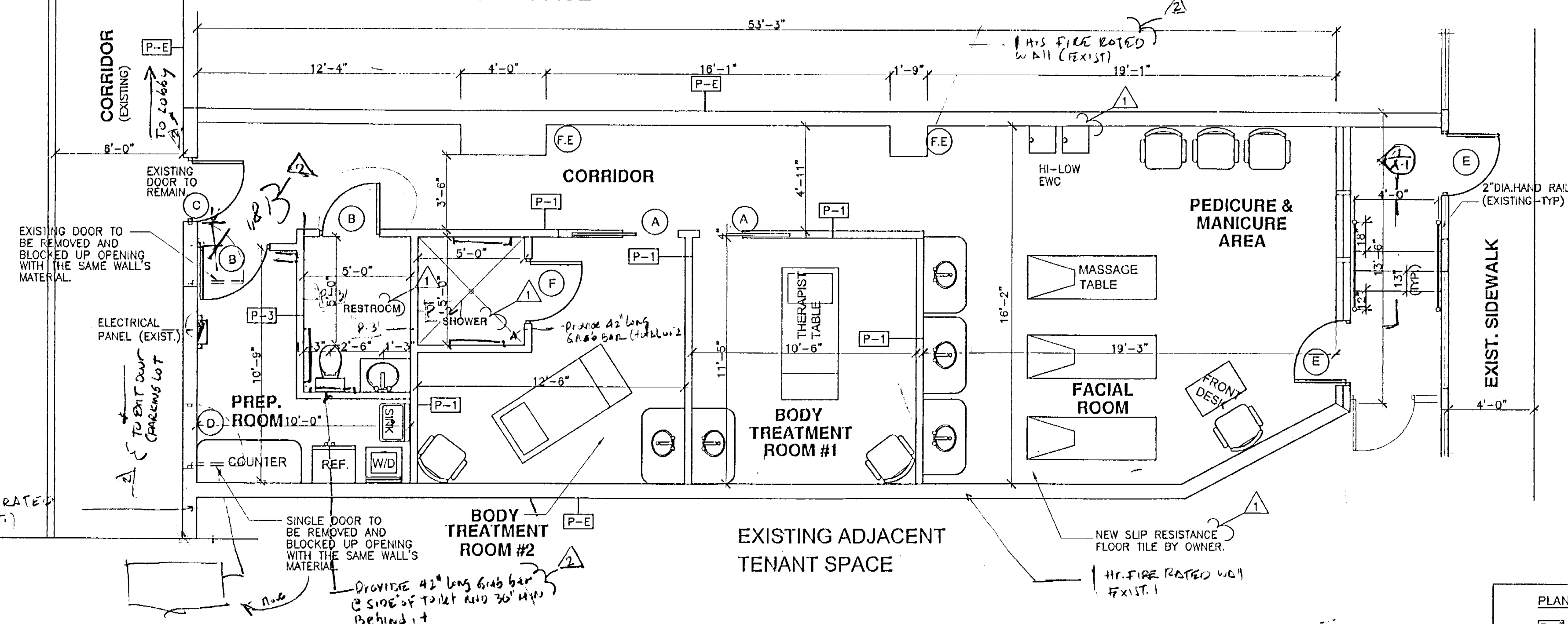


**IMPORTANT!**  
INSTALLER PLEASE NOTE:  
This water cooler has been designed and built to provide water to the user which has not been exposed to bacteria in the cooler reservoir.  
The grounding of electrical equipment such as washbasins, computers, etc. is a very important safety feature. The grounding may be in a building but may also be a separate grounding system. The grounding system should be checked by a licensed electrician. The water cooler should be grounded to the same grounding system as the building. The water cooler should be grounded to the same grounding system as the building. The water cooler should be grounded to the same grounding system as the building.



Reduce height by 3 inches for installers used primarily by children age 10 and younger.  
Shall also have a minimum clear floor space 30" (760mm) by 48" (1220mm).  
NOTE: A service supply stop should be installed at the cooler inlet tube.  
POWER REQUIRED FOR WATER FLOW:  
INSURE PROPER VENTILATION BY MAINTAINING 6" (152mm) CLEARANCE FROM CABINET LOUVERS TO WALL ON EACH SIDE OF COOLER

## EXISTING ADJACENT TENANT SPACE

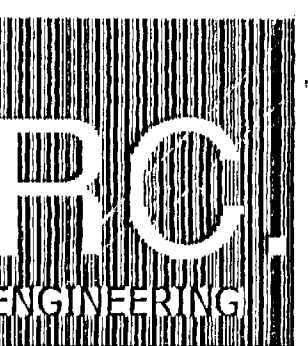


NORTH

NEW  
SPA-LAY OUT PLAN  
4101 SHERIDAN AVE. MAXELL BIGGER  
SCALE: 1/4" = 1'-0"

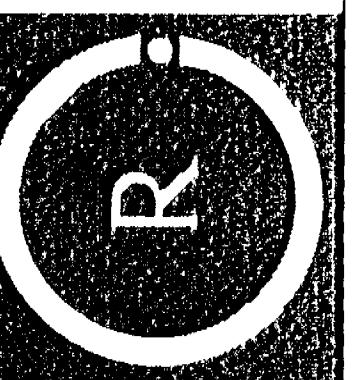
## PLAN NOTES

- 1- [P-1] INDICATES PARTITION TYPES. (SEE SECTIONS)
- 2- [P-2] INDICATES EXISTING DIMISING WALL (METAL STUDS WITH GREEN BOARDS TO REMAIN) - HY-FIRE RATED WALL
- 3- [F-E] FIRE EXTINGUISHER (SURFACE MOUNTED W/BRACKET)
- 4- FLOOR FINISHED CERAMIC TILE AS PER OWNER REQUEST
- 5- CURRENT TENANT SPACE IS EMPTY. THE LAY OUT & FIXTURES SHOWN IN THE SPA-LAY OUT PLAN ARE PROPOSED.



175 FOUNTAIN BLVD. STE. 206A  
MIAMI, FLORIDA 33172  
PH: 305-229-3874  
FAX: 305-229-3302

ENGINEERING



RENEWAL DAY SPA FOR:  
JENNY VARGAS  
4101 SHERIDAN AVENUE  
MIAMI BEACH, FL. 33104

SEAL:  
RUBEN CHAVARRA, P.E.  
PROFESSIONAL ENGINEER  
FL. LIC. # 50712  
CA. # 25638  
DATE: 9-26-07

| No. | Date     | Description |
|-----|----------|-------------|
| 1   | 09-25-07 | BY BLDG.DP1 |

DATE: 06-14-07  
DRAWN BY: J.B.  
CHECKED BY: R.C.  
SCALE: AS SHOWN

## FLOOR PLAN

A-1  
1 OF 7

GENERAL NOTES

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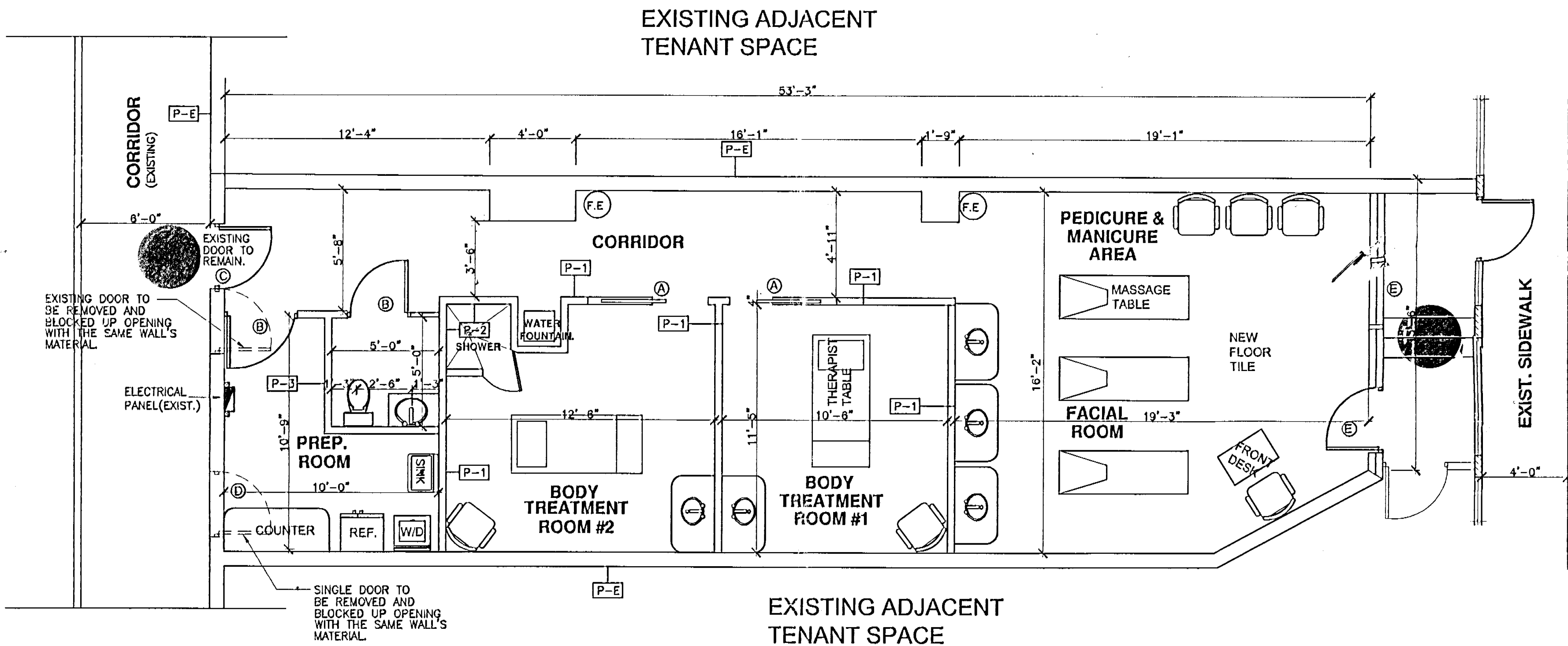
FIRE EXTINGUISHER :

EXISTING(2)-5 LB ABC TYPE FIRE EXTINGUISHER MOUNTED AT 48" A.F.F. AS NOTED ON DRAW.

ZONING' S NOTES

ZONING : MERCANTILE (SPA)  
OCCUPANCY LOAD : 7 GUESTS  
3 EMPLOYEES

NEW SPA FOR YENNY VARGAS  
4101 SHERIDAN AVENUE

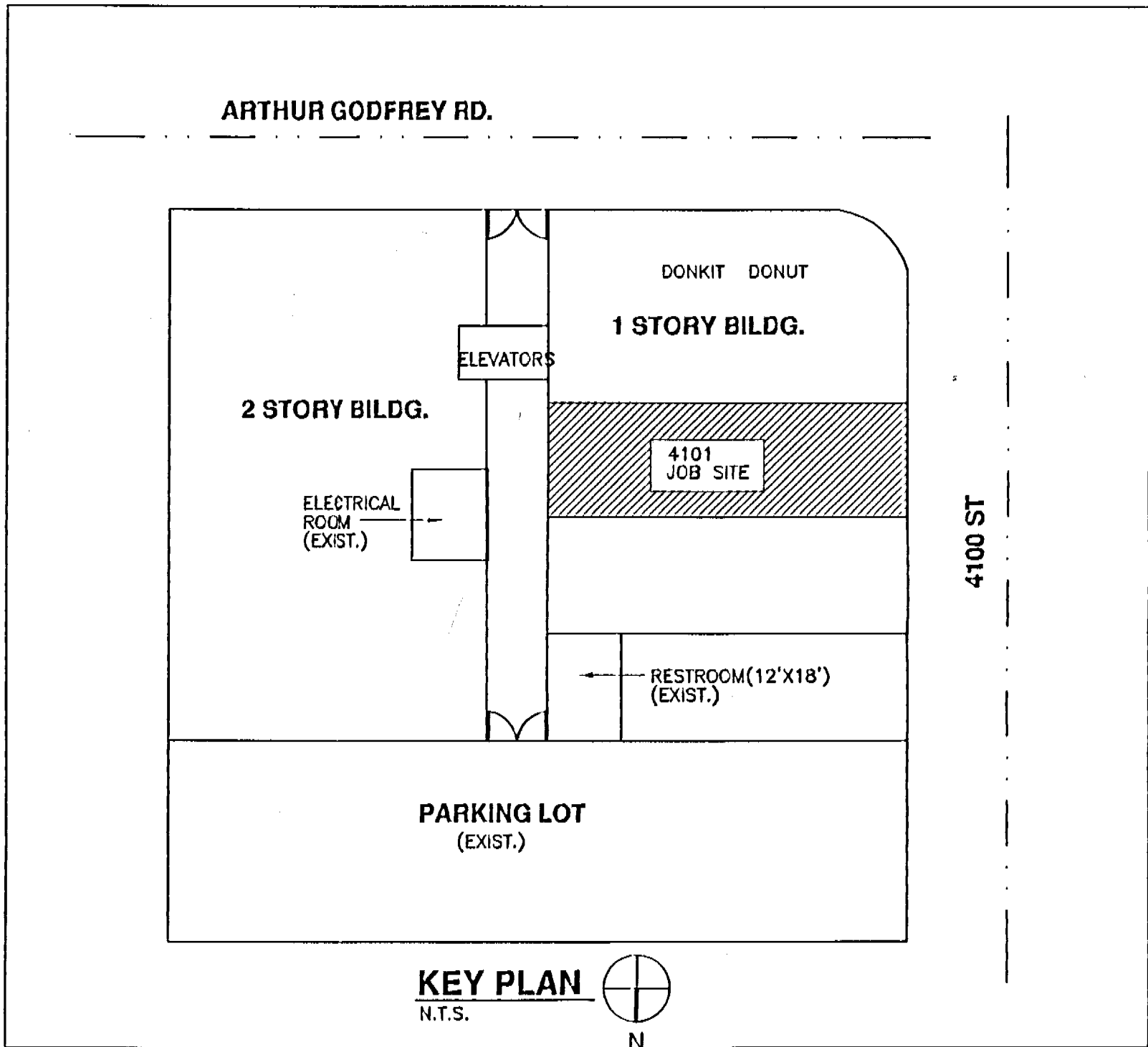


NORTH



SPA-LAY OUT PLAN

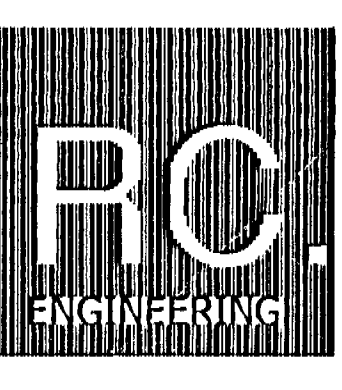
4101 SHERIDAN AVE.  
SCALE: 1/4" = 1'-0"



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

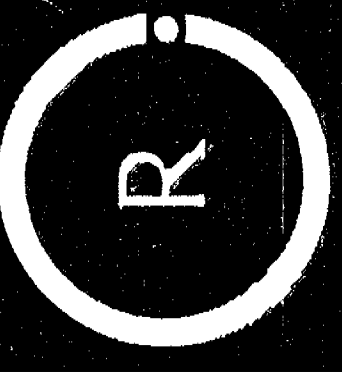
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ZONING:  
DRB/HPB:  
CONCURRE:  
PLUMB:  
ELECTR:  
ENGIN:  
PUBLIC:  
STRUC:  
ACCESS:  
LEVAT:  
As per Florida Building Code Section 104.5.3  
REVIEWED FOR CODE COMPLIANCE

- PLAN NOTES
- 1.- [P-E] INDICATES PARTITION TYPES. (SEE SECTIONS)
  - 2.- [P-E] INDICATES EXISTING DIMISING WALL(METAL STUDS WITH GREEN BOARD TO REMAIN.
  - 3.- [F.E] FIRE EXTINGUISHER (SURFACE MOUNTED W/BACKET)
  - 4.- FLOOR FINISHED CERAMIC TILE AS PER OWNER REQUEST



175 FOUNTAIN BLVD. STE. 2-06A  
MIAMI, FLORIDA 33172  
PH: 305-229-3874  
FAX: 305-229-3877

ENGINEERING



RENEWAL DAY SPA FOR:  
JENNY VARGAS  
4101 SHERIDAN AVENUE  
MIAMI BEACH, FL. 33104

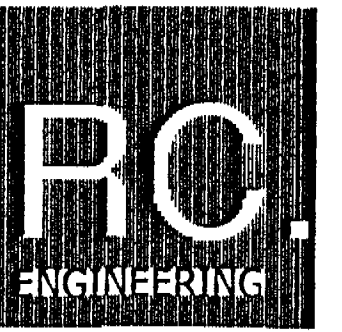
SEAL:  
ROGER CHAVARRIA, P.E.  
PROFESSIONAL ENGINEER  
FL. LIC. # 50712  
C.A.# 25834  
DATE: 6-21-07

| Revisions |      |             |
|-----------|------|-------------|
| No.       | Date | Description |
|           |      |             |
|           |      |             |
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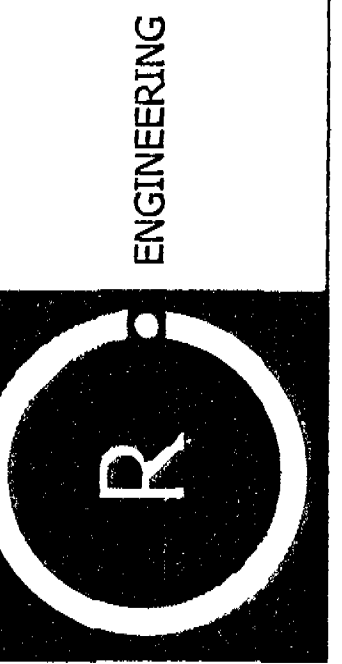
DATE: 06-14-07  
DRAWN BY: J.A.  
CHECKED BY: R.C.  
SCALE: AS SHOWN

FLOOR PLAN

Sheet No. 1 OF 7  
A-1



175 FOUNTAINBLEAU BLVD. STE. 2-GA  
MIAMI, FLORIDA 33172  
PH: 305-229-1874  
FAX: 305-229-2827



RENEWAL DAY SPA FOR:  
JENNY VARGAS  
4101 SHERIDAN AVENUE  
MIAMI BEACH, FL. 33104

DATE: 12-4-07  
PROF. CHAVARRIA, P.E.  
FL LIC. # 90112  
CA # 25834

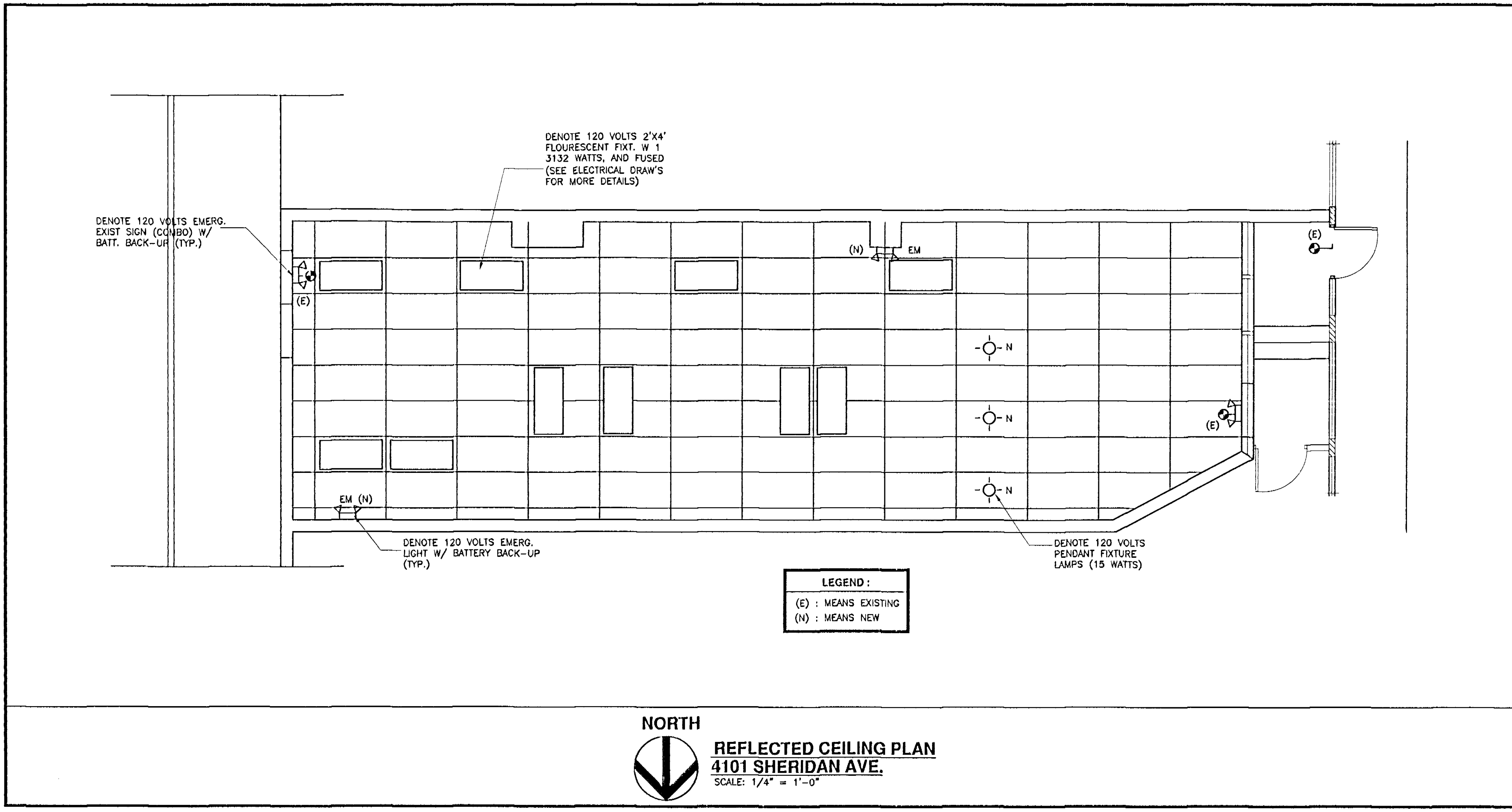
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| No.       | Date     | Description  |
| 1         | 11-15-07 | BY BLDG.DPT. |
| 2         | 12-04-07 | BY BLDG.DPT. |

DATE: 06-14-07  
DRAWN BY: J.B.  
CHECKED BY: R.C.  
SCALE: AS SHOWN

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REFLECTED CEILING AND DETAILS

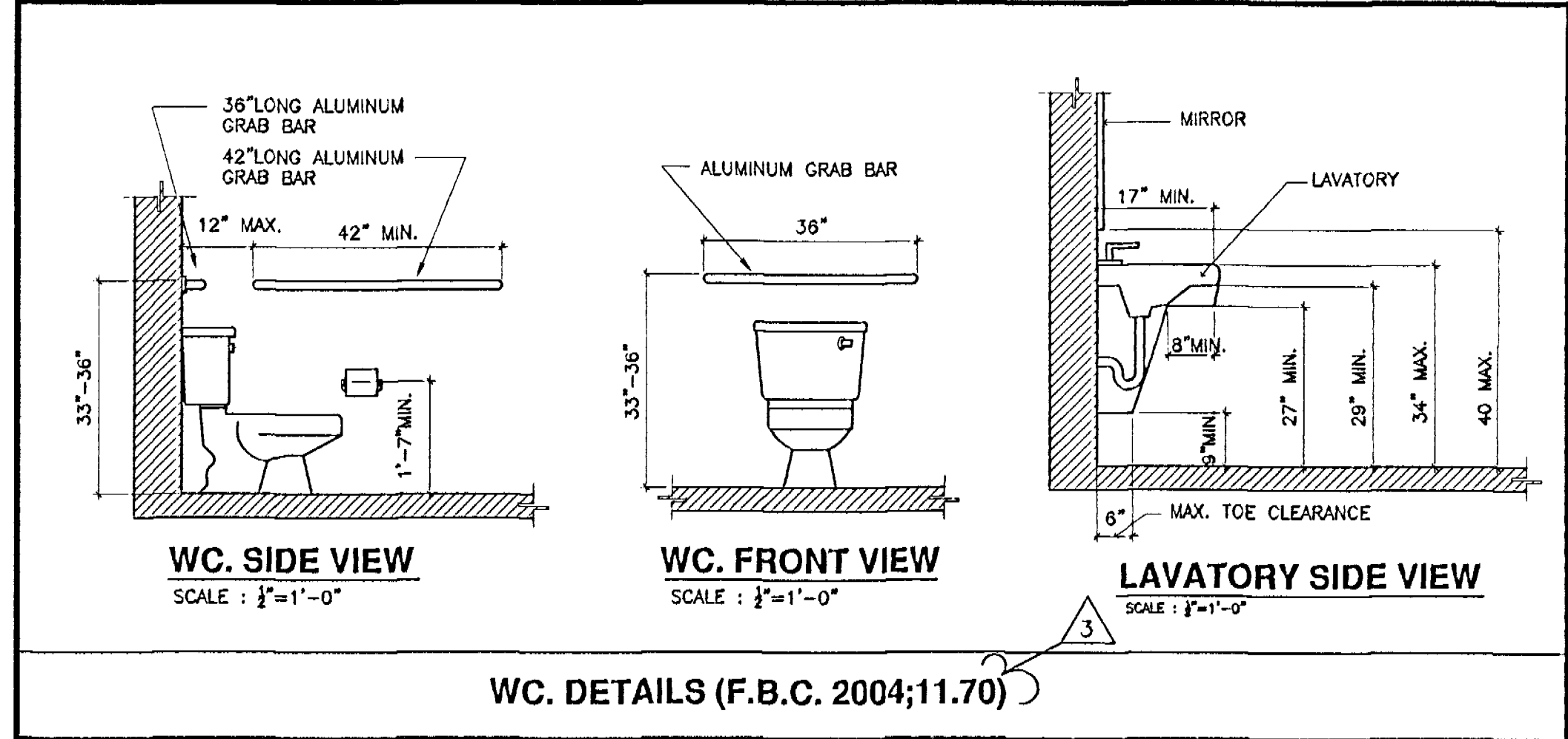
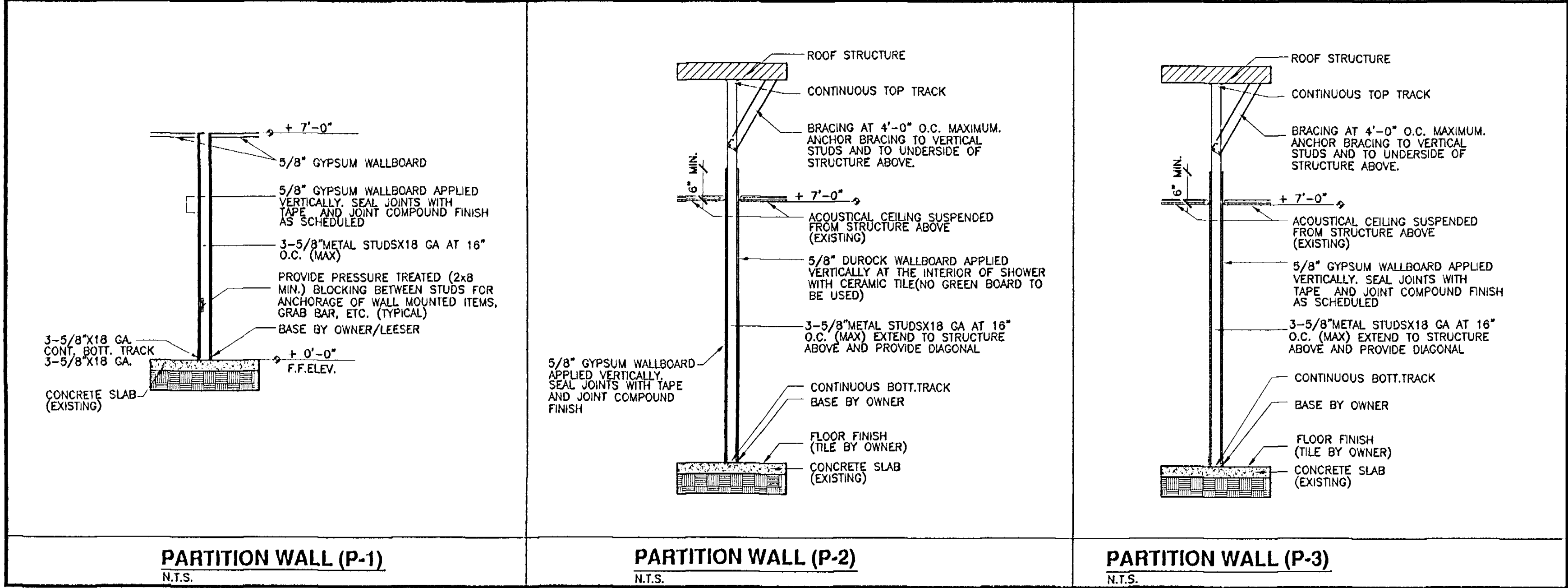
Sheet No. 2 OF 7  
A-2

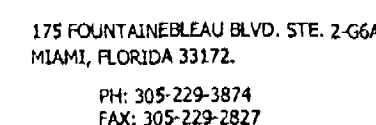


| DOOR SCHEDULE |                      |             |               |                                |
|---------------|----------------------|-------------|---------------|--------------------------------|
| MARK          | SIZE                 | FRAME       | TYPE          | DESCRIPTION                    |
| (A)           | 3'-0" X 6'-8"x1-3/4" | WOOD        | POCKET DOOR   | NEW                            |
| (B)           | 3'-0" X 6'-8"x1-3/4" | WOOD        | HOLLOW        | NEW                            |
| (C)           | 3'-0" X 6'-8"x1-3/4" | WOOD        | HOLLOW        | EXISTING TO REMAIN             |
| (D)           | 3'-0" X 6'-8"x1-3/4" | WOOD        | HOLLOW        | EXISTING TO REMOVE             |
| (E)           | 3'-0" X 6'-8"x1-3/4" | ALUM.       | GLASS TEMP.   | EXISTING STORE FRONT TO REMAIN |
| (F)           | 3'-0" X 6'-8"x1-3/4" | GLASS TEMP. | (CAT.II TEMP) | SHOWER DOOR                    |

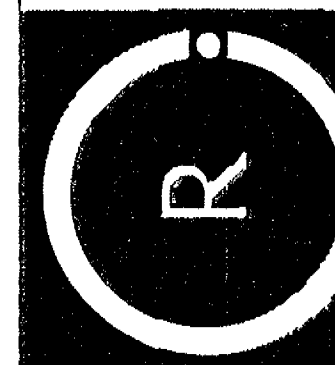
NOTICE: In addition to the requirement of this permit, there may be additional restrictions applicable to this property that may be found in the Public Records of this County, and there may be additional permits required from other governmental entities such as a water management's districts, state agencies, or federal agencies.

The City of Miami Beach assumes no responsibility for accuracy of or results from these plans which are approved subject to compliance with all Federal, State, and Local Laws, Rules, and Regulations.





CONFIDENTIAL



**RENEWAL DAY SPA FOR:  
JENNY VARGAS  
4101 SHERIDAN AVENUE  
MIAMI BEACH, FL. 33104**

SEAL:



ROGER CHAVARRIA, P.E.  
PROFESSIONAL ENGINEER  
FL LIC. # 50712  
C.A. # 26834

DATE: 11-15-07

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| No.       | Date     | Description  |
| 2         | 11-15-07 | BY BLDG.DPT. |
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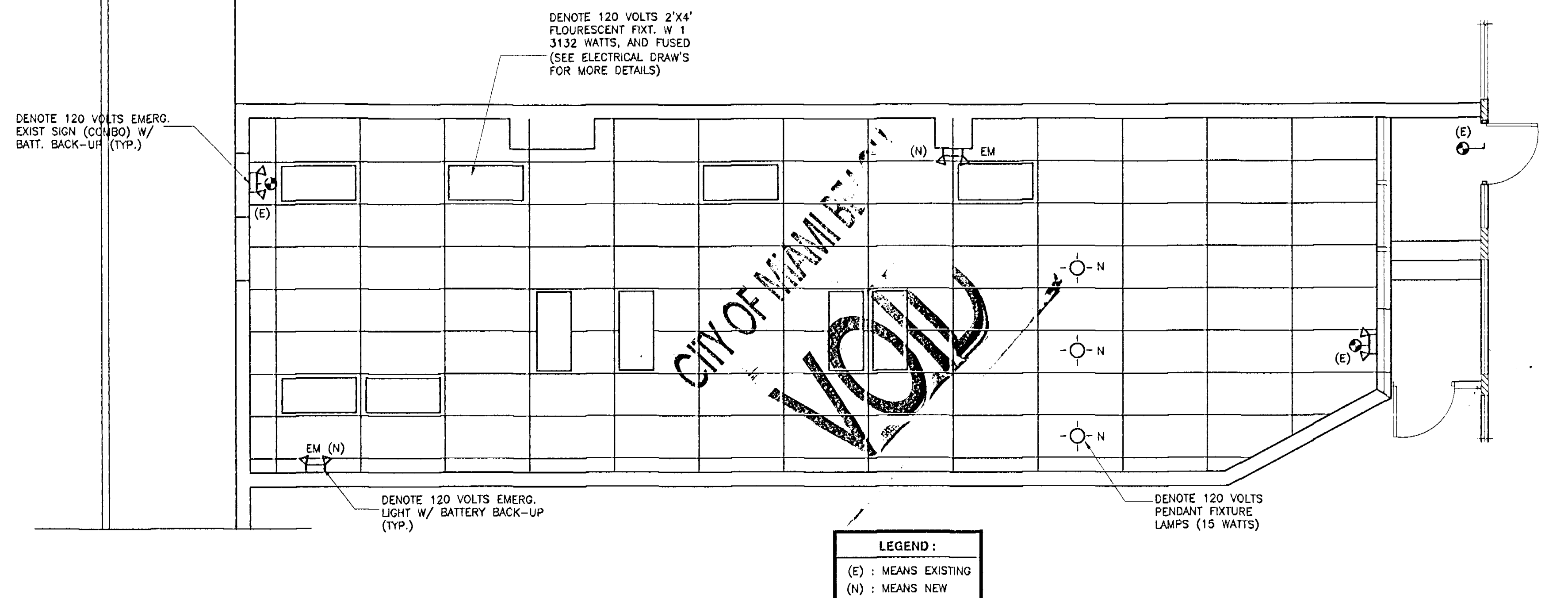
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|-------------|----------|
| DATE:       | 06-14-07 |
| DRAWN BY:   | J.B.     |
| CHECKED BY: | R.C.     |
| SCALE:      | AS SHOWN |

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**REFLECTED CEILING  
AND  
DETAILS**

Sheet No. 2 OF 7

**A-2**

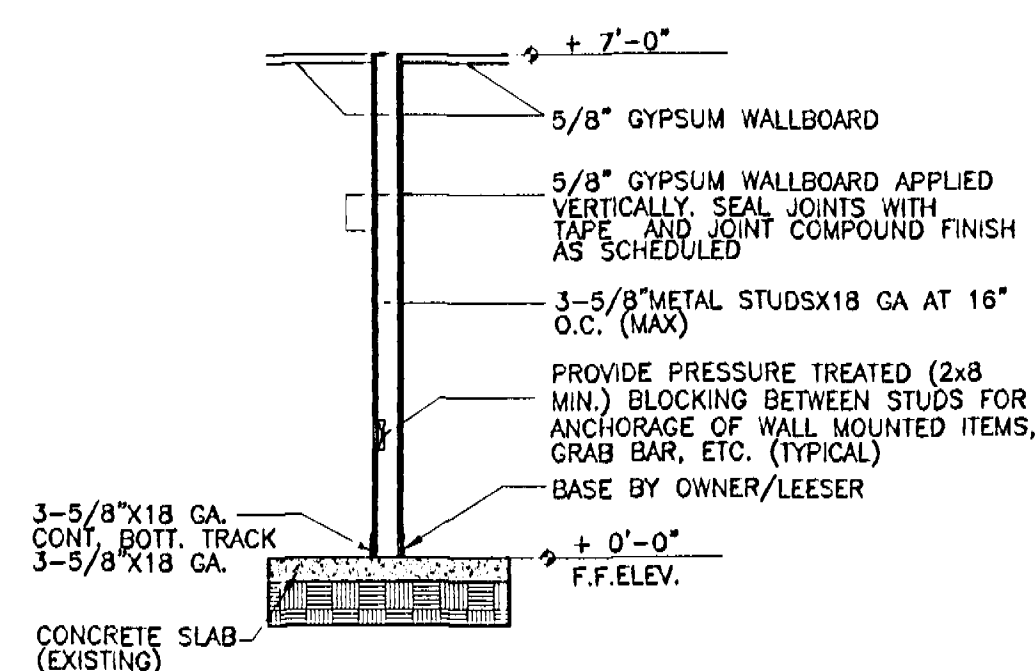


| DOOR SCHEDULE |                      |             |               |                                |
|---------------|----------------------|-------------|---------------|--------------------------------|
| MARK          | SIZE                 | FRAME       | TYPE          | DESCRIPTION                    |
| (A)           | 3'-0" x 6'-8"x1-3/4" | WOOD        | POCKET DOOR   | NEW                            |
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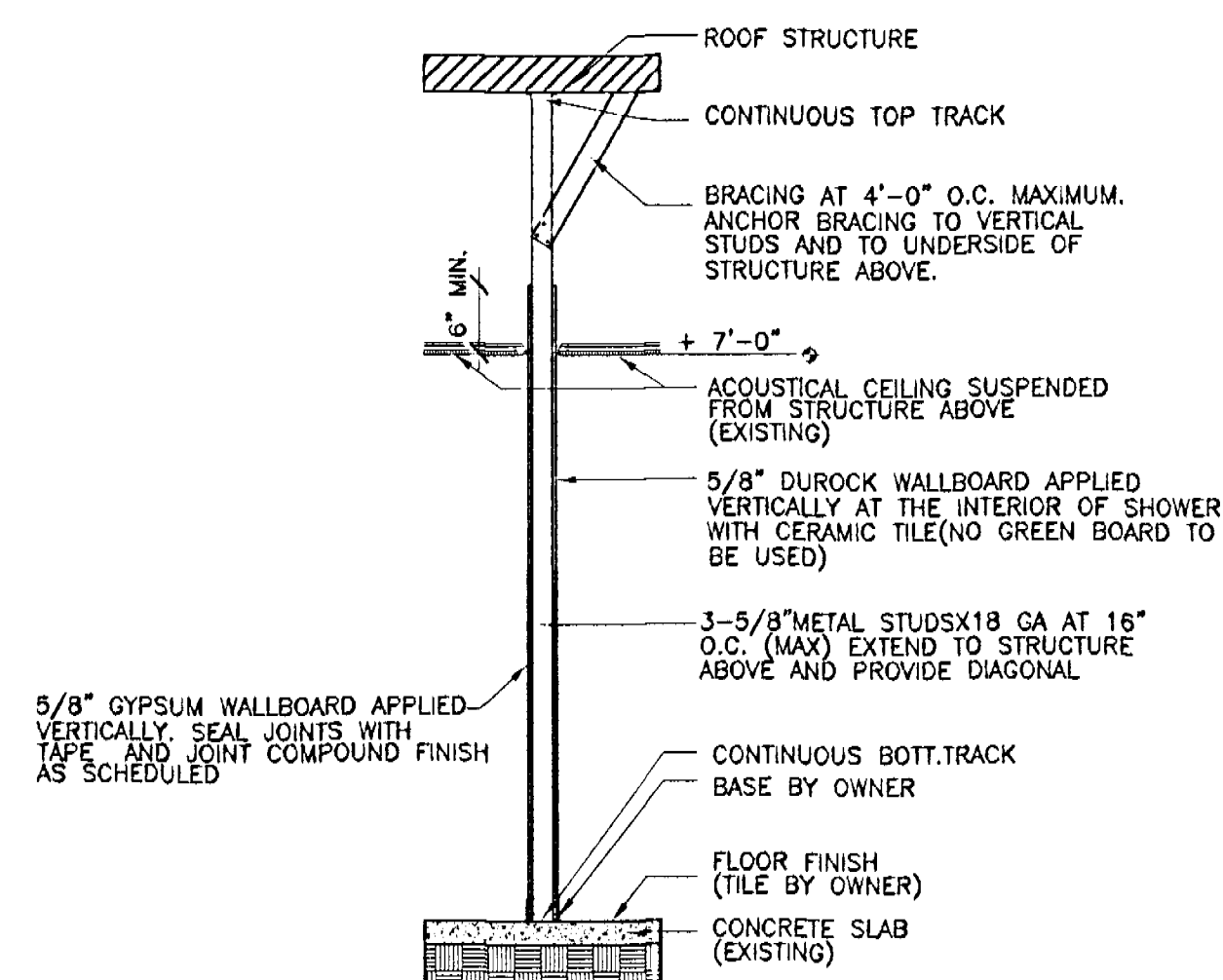
**NORTH**



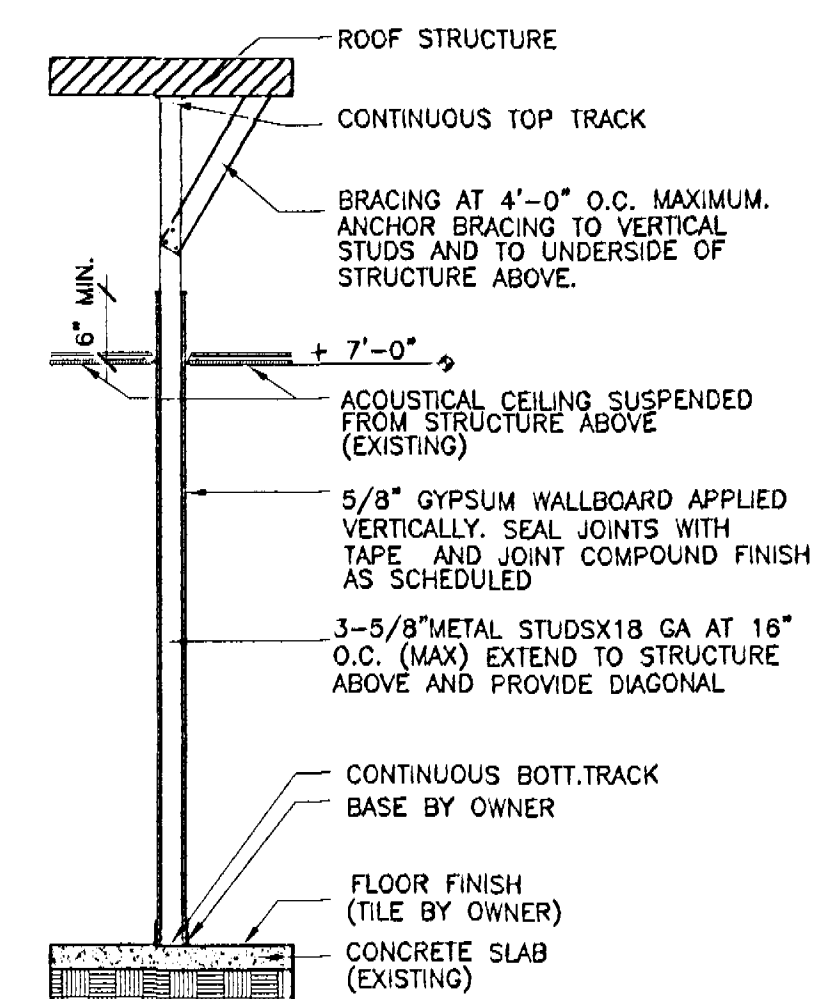
**REFLECTED CEILING PLAN**  
**4101 SHERIDAN AVE.**  
SCALE: 1/4" = 1'-0"



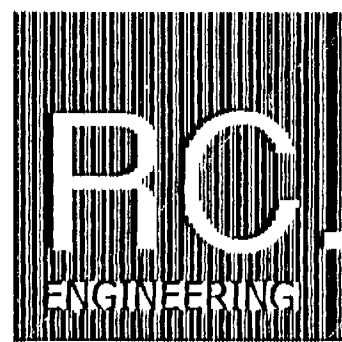
**PARTITION WALL (P-1)**  
N.T.S.



**PARTITION WALL (P-2)**  
N.T.S.



**PARTITION WALL (P-3)**  
N.T.S.



175 FOUNTAINVIEW BLVD. STE. 206A  
MIAMI, FLORIDA 33172  
PH: 305-229-3874  
FAX: 305-229-2827

ENGINEERING



RENEWAL DAY SPA FOR:  
JENNY VARGAS  
4101 SHERIDAN AVENUE  
MIAMI BEACH, FL. 33104

DATE: 9-26-07

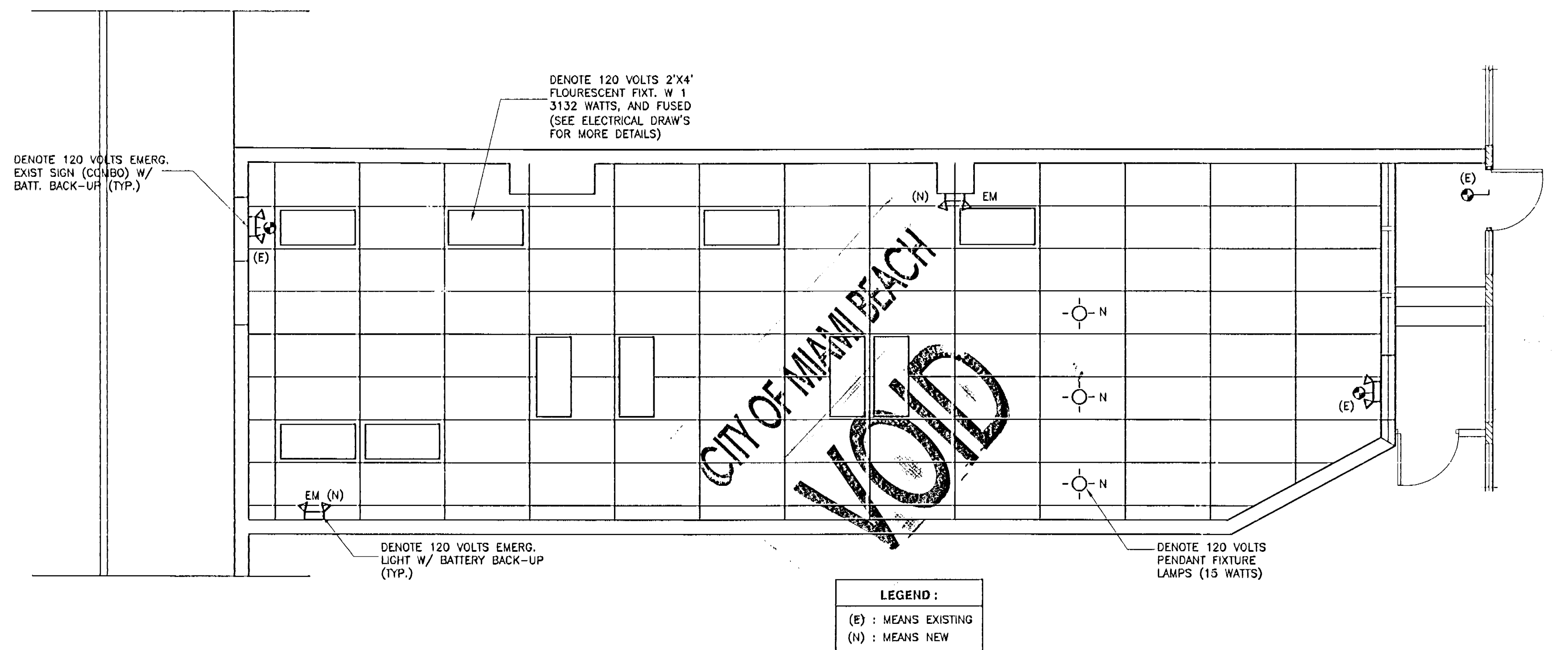
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|           |      |             |
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|           |      |             |
|           |      |             |

DATE: 06-14-07  
DRAWN BY: J.B.  
CHECKED BY: R.C.  
SCALE: AS SHOWN

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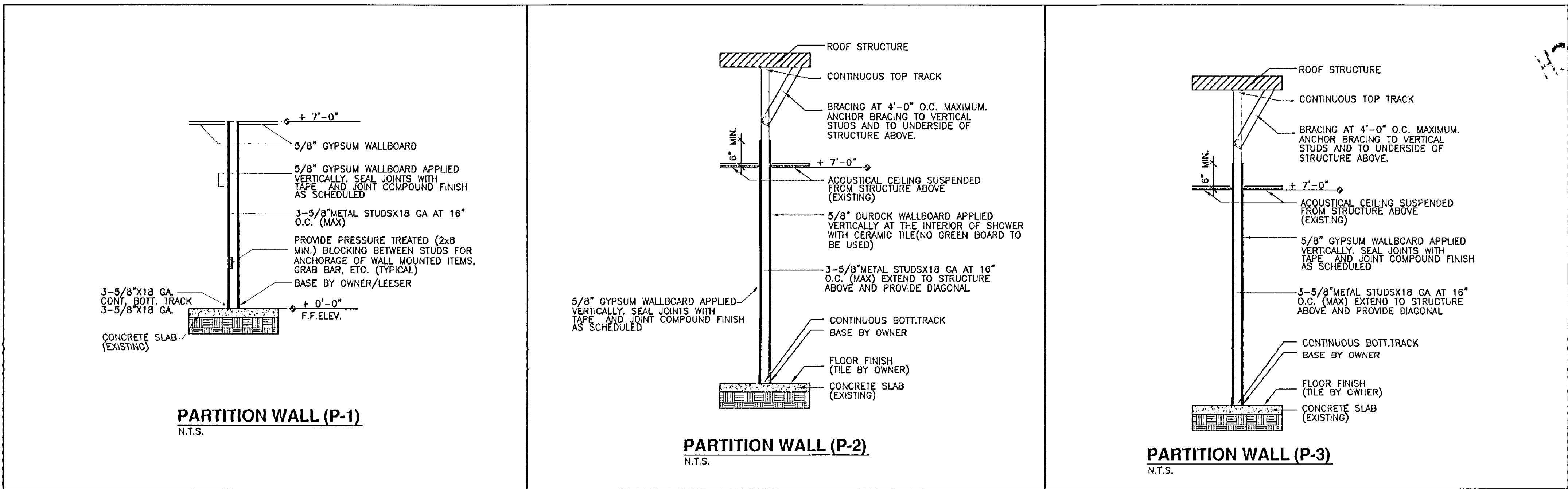
REFLECTED CEILING  
AND  
DETAILS

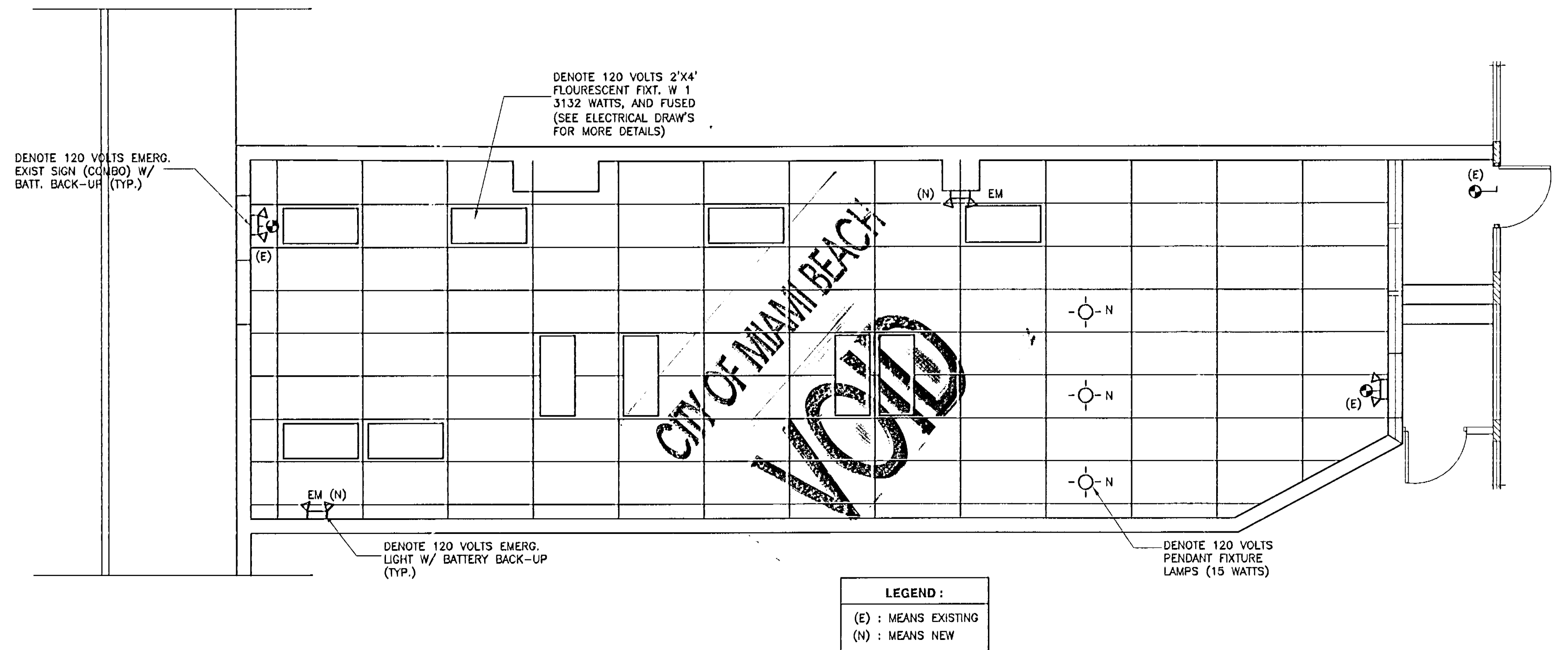
Sheet No. 2 OF 7  
A-2



REFLECTED CEILING PLAN  
4101 SHERIDAN AVE.  
SCALE: 1/4" = 1'-0"

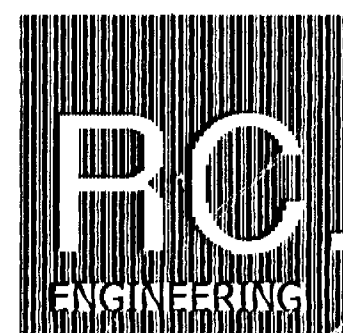
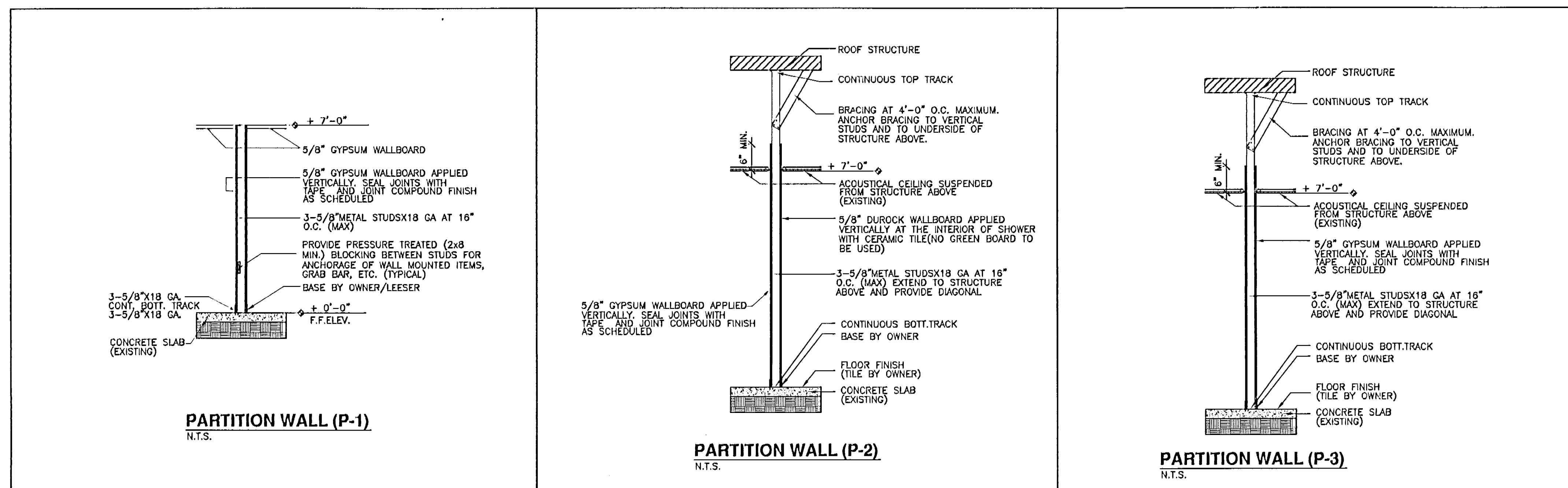
| DOOR SCHEDULE |                      |             |               |                                |
|---------------|----------------------|-------------|---------------|--------------------------------|
| MARK          | SIZE                 | FRAME       | TYPE          | DESCRIPTION                    |
| (A)           | 3'-0" X 6'-8"x1-3/4" | WOOD        | POCKET DOOR   | NEW                            |
| (B)           | 2'-8" X 6'-8"x1-3/4" | WOOD        | HOLLOW        | NEW                            |
| (C)           | 3'-0" X 6'-8"x1-3/4" | WOOD        | HOLLOW        | EXISTING TO REMAIN             |
| (D)           | 3'-0" X 6'-8"x1-3/4" | WOOD        | HOLLOW        | EXISTING TO REMOVE             |
| (E)           | 3'-0" X 6'-8"x1-3/4" | ALUM.       | GLASS TEMP.   | EXISTING STORE FRONT TO REMAIN |
| (F)           | 3'-0" X 6'-8"x1/4"   | GLASS TEMP. | (CAT.II TEMP) | SHOWER DOOR                    |



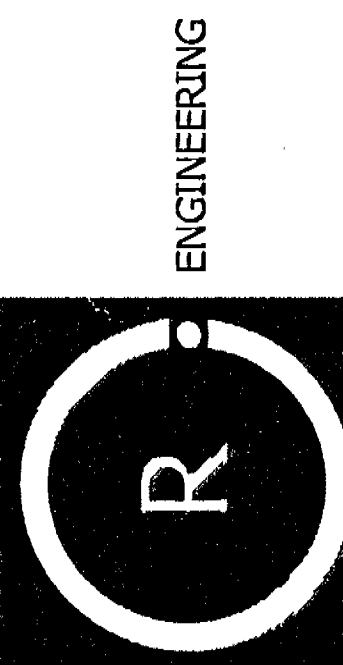


| DOOR SCHEDULE |                      |       |             |                                |
|---------------|----------------------|-------|-------------|--------------------------------|
| MARK          | SIZE                 | FRAME | TYPE        | DESCRIPTION                    |
| (A)           | 3'-0" X 6'-8"x1-3/4" | WOOD  | POCKET DOOR | NEW                            |
| (B)           | 2'-8" X 6'-8"x1-3/4" | WOOD  | HOLLOW      | NEW                            |
| (C)           | 3'-0" X 6'-8"x1-3/4" | WOOD  | HOLLOW      | EXISTING TO REMAIN             |
| (D)           | 3'-0" X 6'-8"x1-3/4" | WOOD  | HOLLOW      | EXISTING TO REMOVE             |
| (E)           | 3'-0" X 6'-8"x1-3/4" | ALUM. | GLASS TEMP. | EXISTING STORE FRONT TO REMAIN |
| (F)           | STORE FRONT          | ALUM. | GLASS TEMP. | EXISTING STORE FRONT TO REMAIN |

**REFLECTED CEILING PLAN**  
4101 SHERIDAN AVE.  
SCALE: 1/4" = 1'-0"



175 FOUNTAINBLAU BLVD. STE. 2-56A  
MIAMI, FLORIDA 33172  
PH: 305-229-3874  
FAX: 305-229-2827



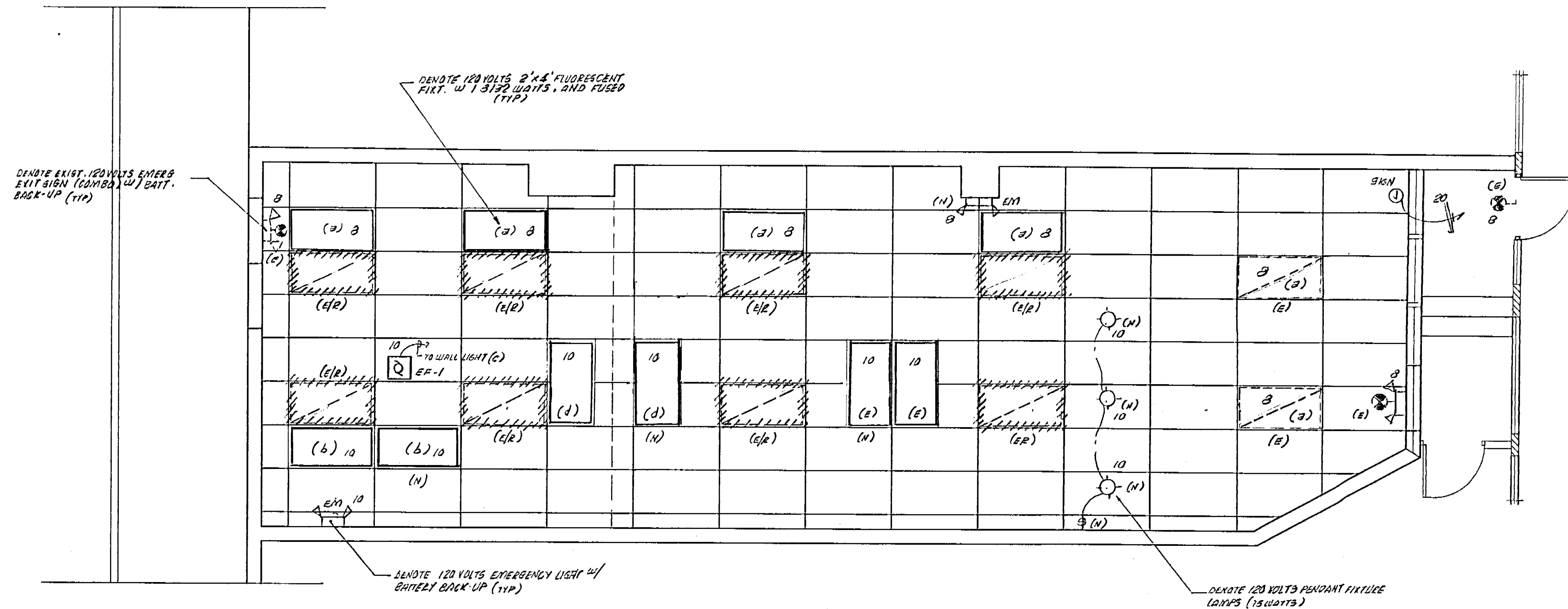
**RENEWAL DAY SPA FOR:**  
**JENNY VARGAS**  
4101 SHERIDAN AVENUE  
MIAMI BEACH, FL. 33104

DATE: 6-21-02  
DRAWN BY: J.B.  
CHECKED BY: R.C.  
SCALE: AS SHOWN

| Revisions |      |             |
|-----------|------|-------------|
| No.       | Date | Description |
|           |      |             |
|           |      |             |
|           |      |             |

DATE: 06-14-07  
DRAWN BY: J.B.  
CHECKED BY: R.C.  
SCALE: AS SHOWN

**REFLECTED CEILING AND DETAILS**

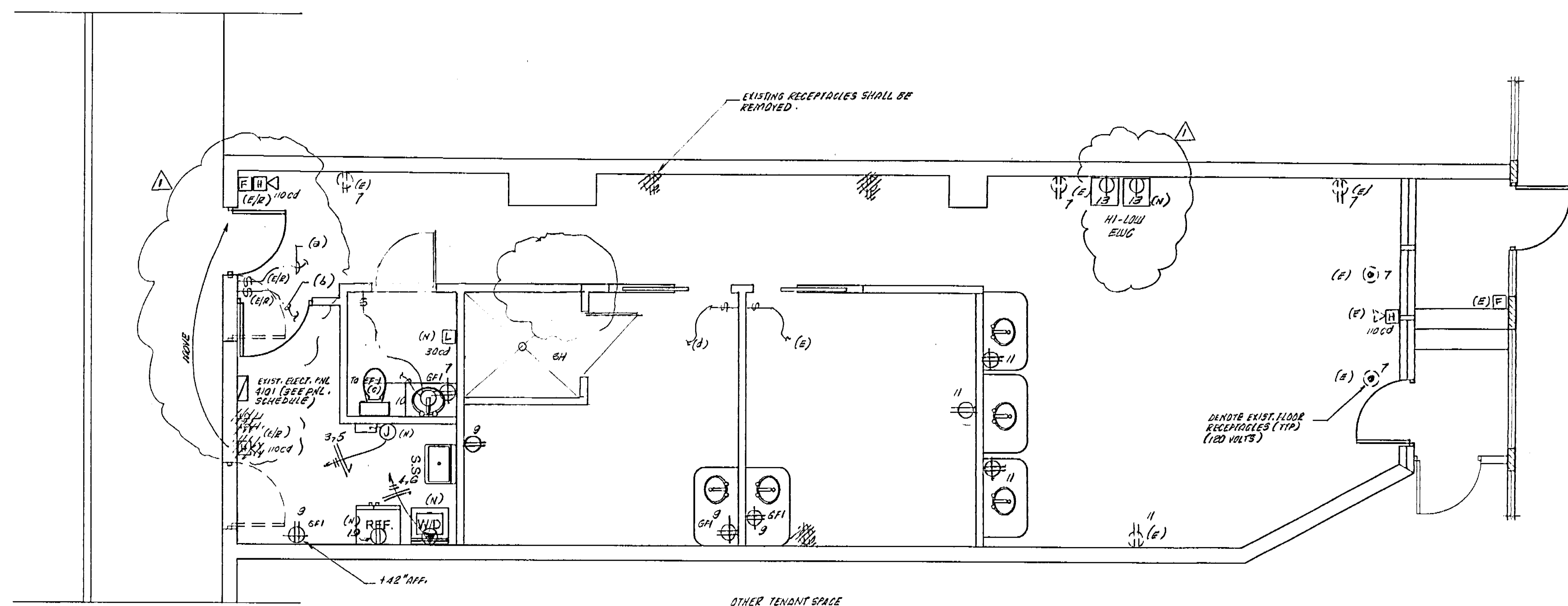


**LIGHTING FL. PLAN** 1/4"=1'-0"

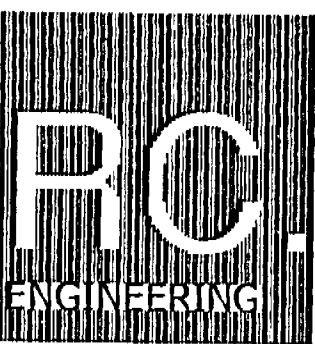
**LEGEND**  
 --- EXISTING  
 - - - - - EXISTING RELOCATED OR REMOVED  
 HHHHHH NEW  
 (E) EXISTING  
 (E/R) EXISTING / RELOC. OR REMOVED  
 (N) NEW

"NOTICE: In addition to the requirement of this permit, there may be additional restrictions applicable to this property that may be found in the Public Records of this County, and there may be additional permits required from other governmental entities such as a water management's districts, state agencies, or federal agencies.  
 The City of Miami Beach assumes no responsibility for accuracy, or results from these plans which are provided subject to compliance with all Federal, State, and Local Laws, Rules, and Regulations."

**FIRE ALARM NOTE:**  
 - FIRE ALARM CONTROLLER SHALL PROVIDE SHIP-200 AND BATT. BACK-UP FOR EXIST. AND NEW ALARM SYSTEM.  
 (BUILDING)



**POWER FL. PLAN** 1/8"=1'-0"



175 FOUNTAIN BLVD. STE. 2-00A  
 MIAMI, FLORIDA 33172  
 PH: 305-229-3874  
 FAX: 305-229-2827

ENGINEERING



**RENEWAL DAY SPA FOR:**  
**JENNY VARGAS**  
 4101 SHERIDAN AVENUE  
 MIAMI BEACH, FL 33104

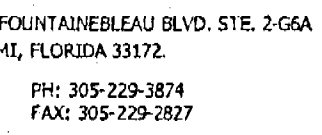
SEAL:  
 RYANER CHAVARRIA, P.E.  
 PROFESSIONAL ENGINEER  
 FL. LIC. # 50712  
 C.A. # 25834  
 DATE: 7-26-07

| Revisions |          |             |
|-----------|----------|-------------|
| No.       | Date     | Description |
| 1         | 07/27/07 | P.D.G.      |
|           |          |             |
|           |          |             |
|           |          |             |

DATE: \_\_\_\_\_  
 DRAWN BY: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 SCALE: AS SHOWN

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Sheet No.  
**E-1**  
 1-2



**JENNY VARGAS**  
4101 SHERIDAN AVENUE  
MIAMI BEACH, FL. 33104

~~ROGER CHAVARRIA, P.E.  
PROFESSIONAL ENGINEER  
FL. LIC. # 50712  
C.A.#26834~~

DATE: 6-21-07

| Revisions |      |             |
|-----------|------|-------------|
| No.       | Date | Description |
|           |      |             |
|           |      |             |
|           |      |             |
|           |      |             |

|             |          |
|-------------|----------|
| DATE:       |          |
| DRAWN BY:   |          |
| CHECKED BY: | R.C.     |
| FILE:       | AS SHOWN |

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 IS RESPONSIBLE FOR VERIFYING ALL SITE CONDITIONS PRIOR  
 TO PROCEEDING WITH WORK.

et No. 3 of 7  
E-1  
1-2

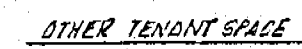


LEGEND

---- EXISTING  
#H#H#H# EXISTING /REGATED OR REMOVED  
NEW  
(E) EXISTING  
(E/R) EXISTING /REGD. OR REMOVED  
(N) NEW

FIRE ALARM NOTE:

— FIRE ALARM CONTRACTOR SHALL PROVIDE SHDOP, DUNG AND BATT. CALLS.  
FOR ADDED AND OR RELOCATED EXIST. DEVICE FOR EXIST. F.A. SYSTEM.  
(BUILDING)



POWER FL. PLAN 1/4"=1'-0"

1. ALL WIRING TO RUN EXPOSED, CONCEALED IN MASONRY WALLS OR CONCRETE SLABS, BENEATH SLABS OF GRADE OR RUN UNDERGROUND SHALL BE IN RIGID CONDUIT. CONDUIT SHALL BE EMBEDDED IN MASONRY OR CONCRETE TO A MINIMUM OF 40 IN ALL OTHER SITUATIONS, GALVANIZED STEEL CONDUIT. ELECTRICAL METALLIC TUBING MAY BE CONCEALED IN INTERIOR HOLLOW WALLS AND ABOVE SUSPENDED CEILING.
2. ALL WIRING SHALL BE COPPER UNLESS SPECIFICALLY OTHERWISE INDICATED ON THE CONTRACT. WIRING SHALL BE 60 AMP/75°C OR 90 AMP/75°C.
3. BOXES SHALL BE PROVIDED FOR ALL OUTLETS. IN CONCRETE, THE BOXES SHALL BE STAMPED OR PRESSED STEEL METAL BOXES IN HAZARDOUS AREAS SHALL BE APPROVED FOR THE CONDITIONS INDICATED.
4. ALL CONDUITS SHALL BE EMBEDDED IN MASONRY OR CONCRETE. STRAPS OR OTHER APPROVED PIPE SUPPORTS SHALL BE USED TO THE BUILDING WITH PIPE.
5. MANUFACTURER'S NAMES AND CATALOG NUMBERS ARE USED TO DEFINE THE EQUIPMENT AND MATERIAL. EQUIPMENT AND MATERIAL, EQUAL ITEMS OF OTHER MANUFACTURERS ARE ACCEPTABLE WITH THE APPROVAL OF THE OWNER.
6. ALL WORK SHALL BE DONE IN FULL ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE-2002
7. ALL WORK SHALL BE DONE IN A NEAT AND WORKMANLIKE MANNER.
8. AS SOON AS PRACTICABLE, AND WITHIN THIRTY DAYS AFTER THE AWARD OF THE CONTRACT, BEFORE ANY MATERIALS OR EQUIPMENT ARE RELEASED FOR STORAGE, THE CONTRACTOR SHALL SUBMIT TO THE OWNER A COMPLETE LIST OF MATERIALS AND EQUIPMENT THAT THE PROPOSED TO FURNISH. THE LIST SHALL INCLUDE MANUFACTURER'S NAMES, CATALOG NUMBERS, ETC. SEVEN COPIES SHALL BE FURNISHED.
9. WHERE A CONDUIT PASSES THROUGH A BUILDING EXPANSION JOINT OR A SEISMIC JUMPER SHALL BE INSTALLED. AND PROVIDING EXPANSION FITTING WITH BONDING JUMPER SHALL BE INSTALLED.
10. WHERE FUSIBLE EQUIPMENT IS SPECIFIED DELIVER TO THE OWNERS REPRESENTATIVE. EQUIPMENT SHALL BE 100% OF EACH SIZE USED ON THE JOB WITH A MINIMUM OF 3 FUSES OF EACH SIZE.
11. THE CONTRACTOR SHALL VISIT THE SITE BEFORE SUBMITTING HIS BID IN ORDER TO BE AWARE OF ALL EXISTING CONDITIONS. ALL ALLOWANCES WILL BE MADE FOR ANY EXISTING CONDITION. THE CONTRACTOR'S SUBMITTALS SHALL NOT BE USED TO IDENTIFY ANY EXISTING CONDITIONS.
12. GROUT NUMBERS SHOWN ARE FOR IDENTIFICATION ONLY. IT SHALL BE THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO COMPLETE PHASE PANEL (BOARD OR LOAD).
13. SEE EQUIPMENT LAYOUT PLANS FOR EXACT LOCATION OF ALL MOTORS AND OTHER EQUIPMENT BEFORE ROUGH-IN.

14. ELECTRICAL CONTRACTOR SHALL VERIFY ALL EQUIPMENT NOT FURNISHED UNDER THIS SECTION BEFORE ROUGH-IN.
15. SEE EQUIPMENT LAYOUT PLANS FOR LOCATION OF BUILDING EQUIPMENT BEFORE ROUGH-IN.
16. ELECTRICAL CONTRACTOR SHALL VERIFY LOCATION OF ALL EQUIPMENT'S REQUIRING ELECTRICAL CONNECTION BEFORE ROUGH-IN.
17. CONDUIT RUNS ARE SHOWN SCHEMATICALLY. BUILDING CONDITIONS WILL DETERMINE THE ACTUAL CONDUIT RUN.
18. ELECTRICAL CONTRACTOR SHALL VERIFY WITH MANUFACTURER THE LOCATION OF CONNECTION BOX OF EACH EQUIPMENT BEFORE ROUGH-IN.
19. WHERE WIRE SIZES ARE INDICATED ON THE PLANS FOR ANY INDIVIDUAL CIRCUITS, THE INDICATION SHALL APPLY TO THE COMPLETE CIRCUIT UNLESS OTHERWISE INDICATED.
20. ALL MOTORS STARTERS FOR FANS, PUMPS, BOILERS, AIR CONDITIONING, ETC., SHALL BE EQUIPPED WITH OVERCURRENT PROTECTION. OVERCURRENT STARTERS FOR MOTORS RATED 50 HP OR LESS AT 208 V. MAY BE ACROSS THE LINE TYPE. OVERCURRENT PROTECTION SHALL BE PROVIDED BY THE REDUCED VOLTAGE TYPE PART WINDING, PRIMARY (RESISTOR, ETC.)
21. ALL EQUIPMENT FURNISHED WITH CORD, THE CORD SHALL BE SHORTERED AND THE CORD SHALL BE CORRECTLY IDENTIFIED BY THE MANUFACTURER. COMPLETE INSTALLATION OF EQUIPMENT ALSO WHEN APPLICABLE RECEPTACLES SHALL BE PROVIDED AND BE IDENTIFIED BY THE MANUFACTURER.
22. ELECTRICAL SERVICE EQUIPMENT SHALL BE READILY ACCESSIBLE. ALL WIRING SHALL HAVE CLEAR AND DRY LOCATION AND BE PROTECTED FROM PHYSICAL DAMAGE. CLEAR WORKING SPACE SHALL BE PROVIDED AROUND EQUIPMENT AS PER NEC 110-26.
23. JUNCTION AND PULLBOXES SHALL BE SECURELY MOUNTED TO THE BUILDING STRUCTURE. SUPPORTING AND MOUNTING SHALL BE PROVIDED BY THE MANUFACTURER. BOXES, BRACKETS, RODS, HANGERS, BOLTS OR OTHER SUITABLE SUPPORTING METHOD MAY BE USED.
24. JUNCTION AND PULLBOXES SHALL BE GALVANIZED CODE-GAGE SHEET STEEL WITH SCREWED ON COVER. NEAR 4" DEPT. AND SHAPE TO ACCOMMODATE WIRING TO SUIT LOCAL CONDITIONS.
25. ALL JUNCTION AND PULLBOXES SHALL BE ACCESSIBLE ALL THE TIME.
26. ALL FACEWAYS ROUTED, INSULATED CONDUCTORS SYSTEM SHALL BE COLOR CODED AS PER NEC STANDARDS.
27. PROVIDE J.B. AS REQUIRED BY FIELD CONDITIONS, EVEN IF NOT SHOWN

TYPE: LOADCENTER, NEMA 1  
 SERVICE: 1P, 4W, 5W  
 VOLTAGE: 120/208 12/15  
 MOUNTING: FLUSH

# PANEL

(EXISTING)  
A101

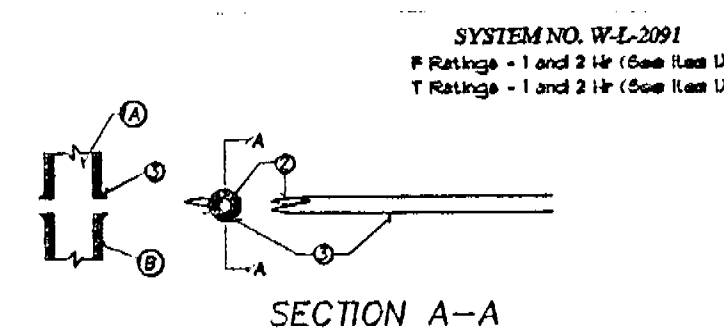
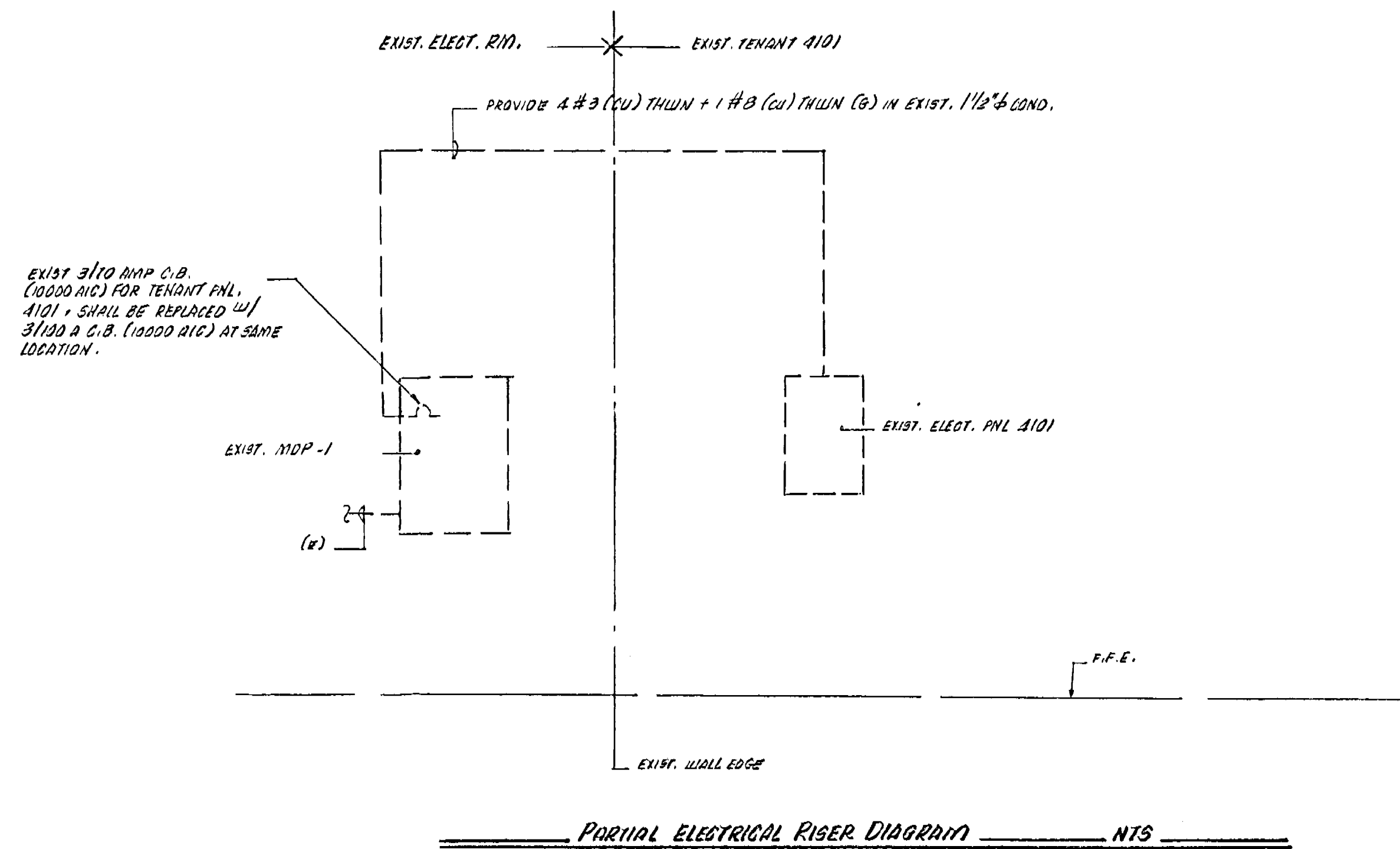
MAIN BUS: 200A  
 NEUTRAL: 200A  
 MAIN: M10  
 AIC: 10200

| AMP'S | POLES | TOTAL<br>V.A | COND<br>SIZE | WIRE<br>SIZE | REMARKS                  | CIRCUIT NO |    | REMARKS                     | WIRE<br>SIZE | COND<br>SIZE | TOTAL<br>V.A | POLES | AMP'S |
|-------|-------|--------------|--------------|--------------|--------------------------|------------|----|-----------------------------|--------------|--------------|--------------|-------|-------|
|       |       |              |              |              |                          | 1          | 2  |                             |              |              |              |       |       |
| 50    | 2     | 3500         | 3/4          | 3            | SPACE (E)<br>INSTANT EWH | 1          | 2  | SPACE (E)<br>DRIER / WASHER | 10           | 1/2          | 5000         | 2     | 30    |
|       |       |              |              |              | (N)                      | 3          | 4  | (N)                         |              |              |              |       |       |
| 20    | 1     | 200          | 1/2          | 12           | RECEPTACLES (E)          | 1          | 3  | LIGHTING (E1R)              | 12           | 1/2          | 666          | 1     | 20    |
| 20    | 1     | 220          | 1/2          | 12           | RECEPTACLES (E)          | 1          | 4  | LIGHTING (E1R)              | 12           | 1/2          | 331          | 1     | 20    |
| 20    | 1     | 122          | 1/2          | 12           | RECEPTACLES (E1R)        | 11         | 1  | SPACE                       |              |              |              |       |       |
| 20    | 1     | 1200         | 1/2          | 12           | DRINKING MOUNTAIN (N)    | 11         | 2  | SPACE                       |              |              |              |       |       |
| 30    | 3     |              | 1/2          | 10           | CU (E)<br>(NOL)          | 5          | 6  | AHU (E)                     | 3            | 3/4          | 5575         | 2     | 30    |
|       |       |              |              |              |                          | 17         | 18 |                             |              |              |              |       |       |
| 20    | 1     | 350          | 1/2          | 12           | RECEP/BOILER (N)         | 18         | 10 | SIGN (E)                    | 12           | 1/2          | 1200         | 1     | 20    |
|       |       |              |              |              | SPACE                    | 21         | 22 | SPACE                       |              |              |              |       |       |
|       |       |              |              |              | SPACE                    | 23         | 24 | SPACE                       |              |              |              |       |       |
|       |       |              |              |              |                          | 25         | 26 | SPACE                       |              |              |              |       |       |
|       |       |              |              |              |                          | 27         | 28 |                             |              |              |              |       |       |
|       |       |              |              |              |                          | 29         | 30 |                             |              |              |              |       |       |
|       |       |              |              |              |                          | 31         | 32 |                             |              |              |              |       |       |
|       |       |              |              |              |                          | 33         | 34 |                             |              |              |              |       |       |
|       |       |              |              |              |                          | 35         | 36 |                             |              |              |              |       |       |
|       |       |              |              |              |                          | 37         | 38 |                             |              |              |              |       |       |
|       |       |              |              |              |                          | 39         | 40 |                             |              |              |              |       |       |
|       |       |              |              |              |                          | 41         | 42 |                             |              |              |              |       |       |

CONNECTED LOAD: (SEE LOAD CALCULATION)

FEEDER: (SEE RISER)

FED FROM: (SEE RISER)

[illegible]

EXAMINATION OF CONTRACT DOCUMENTS AND SITE OF WORK. THE BIDDER IS REQUIRED, BEFORE SUBMITTING HIS PROPOSAL, TO VISIT THE SITE OF THE PROPOSED WORK AND FAMILIARIZE HIM OR HERSELF WITH THE NATURE AND EXTENT OF THE WORK AND ANY LOCAL CONDITIONS THAT MAY IN ANY MANNER AFFECT THE WORK TO BE DONE AND SOBERLY CONSIDER WHETHER WORK IS REQUIRED SINCE THE WORK INVOLVES EXISTING BUILDINGS, SYSTEMS AND FACILITIES. SPECIAL CONSIDERATION SHALL BE GIVEN TO EXAMINATION OF WORKING CONDITIONS, SILENT VARIATION OF ROUTING AND/OR CONSTRUCTIONS SHOULD BE ANTICIPATED BY THE BIDDER. THE BIDDER SHALL BE CONTACTED WITH OTHER TRADES. THESE VARIATIONS ARE EXPRESSLY INCLUDED AS PART OF THE WORK WHENEVER REQUIRED AT NO ADDITIONAL COST TO THE OWNER. INCOMPETENCE ON THE PART OF THE CONTRACTOR OR HIS SUBSIDIARIES RELIEVES HIM OF THE OBLIGATIONS AND RESPONSIBILITY ASSUMED UNDER THIS CONTRACT.

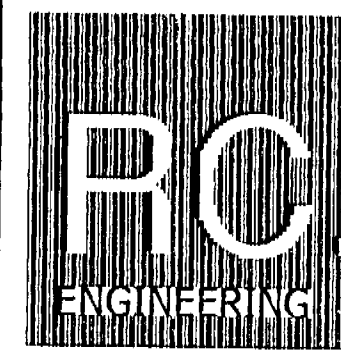
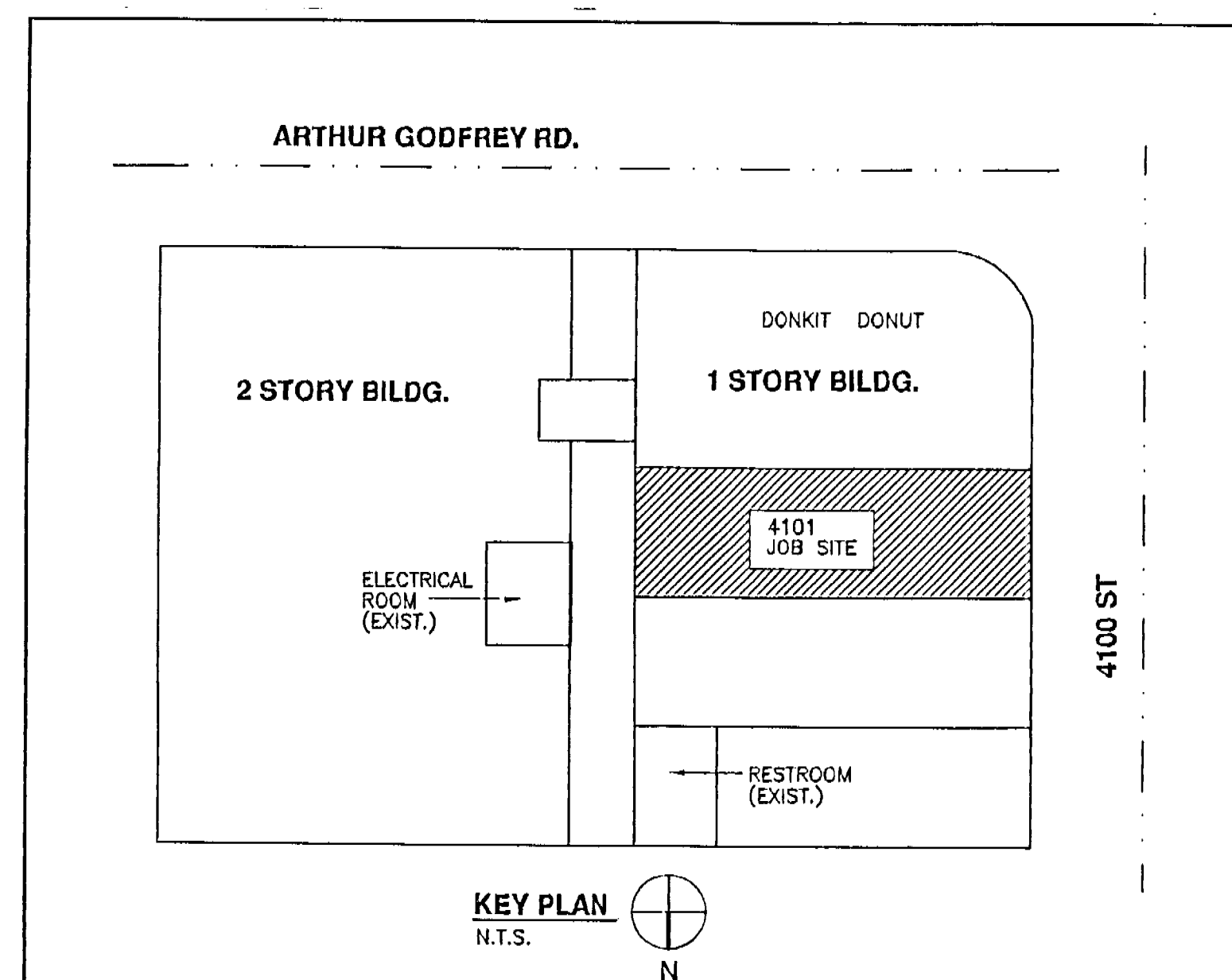
"NOTICE: In addition to the requirement of this permit, there may be additional restrictions applicable to this property that may be found in the Public Records of the County, and there may be additional permits required from other governmental entities such as a water management's districts, state agencies, or federal agencies.

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### ELECTRICAL LOAD CALCULATION (PPL 4101)

|                            |          |
|----------------------------|----------|
| CONTINUOUS LOAD (LIGHTING) | 2697 VA  |
| 25% OF CONT. LOAD          | 674 VA   |
| REMAINDER LOAD @ 100%      | 29365 VA |
| TOTAL DEMAND LOAD          | 27236 VA |
| AT 208/3/60                | 75 AMP   |

NOTE: EXIST. TO AMP (O.V.P.D.) IN MOP-1 AT ELEC. ROOM SHALL BE REPLACED W/ 3/100A (SEE PARTIAL RISER DIAGRAM)



175 FOUNTAINEBLEAU BLVD. STE. 2-G6A  
MIAMI, FLORIDA 33172.  
PH: 305-229-3874  
FAX: 305-229-2827

ENGINEERING



**RENEWAL DAY SPA FOR:  
JENNY VARGAS  
4101 SHERIDAN AVENUE  
MIAMI BEACH, FL. 33104**

SEAL

ROGER CHAVARRIA, P.E.  
PROFESSIONAL ENGINEER  
FL. LIC. # 50712  
C.A. #26834

DATE: 7-26-07

## Revisions

| No. | Date | Description |
|-----|------|-------------|
|     |      |             |
|     |      |             |
|     |      |             |
|     |      |             |
|     |      |             |

|             |          |
|-------------|----------|
| DATE:       |          |
| DRAWN BY:   | J.B.     |
| CHECKED BY: | R.C.     |
| SCALE:      | AS SHOWN |

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Sheet No.

E-2  
2.2