



MIAMI BEACH

BUILDING DEPARTMENT
1700 Convention Center Drive, 2nd Floor
Miami Beach, Florida 33139

Phone: (305) 673-7610
Fax: (305) 673-7857

NEW CONSTRUCTION & ALTERATIONS AND REPAIRS
ARCHITECTURAL/ENGINEERING AFFIDAVIT FOR JOB VALUE AND TOTAL GROSS SQUARE FOOTAGE

Date: 1/2/08
Permit Number: B0800593
Project Description: NEW HANDICAP LAMINATE ATM/NIGHT PROPRIOA
Owner: Wachovia Bank
Architect and/or Engineering Firm: Elements Architects
Name of Architect or Engineer of Record: Lourdes Echemendia
Address of Architect / Engineering Firm: 1699 Coral Way, Suite 503, Miami, FL 33145
Contact Number: 305.858.5858

Part One: Architect / Engineer Affidavit:

Lourdes Echemendia for
Elements Architects as the Architect / Engineer of Record for the project covered under the permit listed above, certify the following:

Total Gross Floor Area of New Construction: _____

Total Gross Floor Area of Alteration / Repair: _____

☐ Single Family Homes, Duplexes, and Areas within Residential Condo unit.

☒ Multi-Family, Commercial, and Industrial

997 Sq. Ft.

Total Estimated Construction Cost * for New Construction: _____

Total Estimated Construction Cost* for Alteration / Repair: _____

\$125,000

Definitions:

Total Gross Floor Area: The floor area within the inside perimeter of the exterior walls of the building under consideration, exclusive of vent shafts and courts, without deduction for corridors, stairways, closets, the thickness of interior walls, columns or other features. The floor area of a building or portion thereof not provided with surrounding exterior walls shall be the usable area under the horizontal projection of the roof or floor above. The gross floor area shall not include shafts with no openings or interior courts.

Lourdes Echemendia
Signature of Architect/Engineer

STATE OF FLORIDA

COUNTY OF DADE

Sworn to and subscribed 2 day of JANUARY

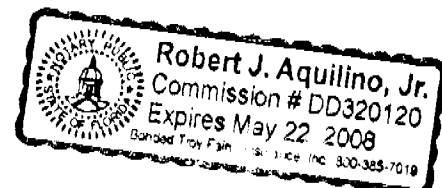
2008 by: Lourdes Echemendia

[x] Personally known to me; [] or Procured Identification

Type of Identification: _____

[] DID TAKE OATH [] DID NOT TAKE OATH

[Signature]
Signature of Notary Public

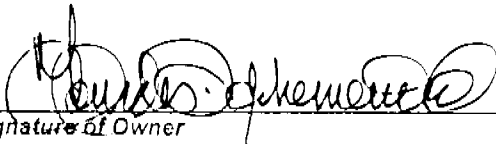


**Note: It is the intention of the City of Miami Beach to use the Architect's Estimate of Construction Cost as a "Good Faith" estimate for the purpose of calculating the initial permit fee. The City agrees to hold the Architect and/or Owner harmless from any liability, professional or otherwise due to any difference in the Architect's estimate of construction cost and the final construction cost as submitted by the Owner and/or Contractor at the time of Completion. The Owner will be responsible to pay the City of Miami Beach any difference between the permit fee based on the construction cost and/or square footage submitted with the original permit application and the permit fee based on the final construction cost including general conditions and/or square footage as certified by the Owner, Architect and Contractor on the most current "AIA Document G702" Application for Payment approved at the time the application for the Certificate of Occupancy (CO) or Certificate of Completion (CC) is submitted to the Building Department.*

Part Two: Owner Affidavit:

I, Lourdes Echemendia, am the Owner of the property undergoing an improvement as described in the permit above. I understand that at the time the Contractor submits the application for a Certificate of Occupancy (CO) or Certificate of Completion (CC), I will be required to submit to the City of Miami Beach Building Department proof of final payment. Proof of Final Payment is considered to be the most current "AIA Document G702" Application for Payment approved at the time the application for the Certificate of Occupancy (CO) or Certificate of Completion (CC) is submitted to the Building Department.

I understand that as the Owner of said property and improvement, I am responsible to pay the City of Miami Beach any difference between the permit fee based on the construction cost and/or square footage submitted with the original permit application and the permit fee based on the final construction cost including general conditions and/or final square footage as certified by the Owner, Architect and Contractor on the most current "AIA Document G702" Application for Payment approved at the time the application for the Certificate of Occupancy (CO) or Certificate of Completion (CC) is submitted to the Building Department.


Signature of Owner

STATE OF FLORIDA

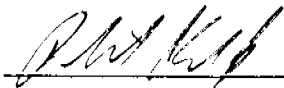
COUNTY OF DADE

Sworn to and subscribed 12 day of January
2008 by: Lourdes Echemendia

☒ Personally known to me: ☐ or Procured Identification

Type of Identification: _____

☐ DID TAKE OATH ☐ DID NOT TAKE OATH



Signature of Notary Public



Part Three: Contractor Affidavit:

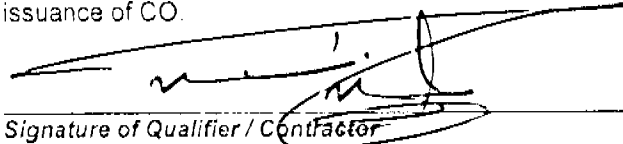
I AFIF CHANOUSS am the Qualifier / General Contractor under contract with WACHOVIA BANK Owner of the property undergoing an improvement as described in the permit above.

I certify that the total contract value, including all change orders and all permit revisions under PERMIT # BOB 00 513 is \$ 125,000.00.

I understand that at the time AFIF CHANOUSS (Qualifier / Contractor) submits the application for a Certificate of Occupancy (CO) or Certificate of Completion (CC), I will be required to submit to the City of Miami Beach Building Department proof of final payment. Proof of Final Payment is considered to be the most current "AIA Document G702" Application for Payment approved at the time the application for the Certificate of Occupancy (CO) or Certificate of Completion (CC) is submitted to the Building Department.

At that time, the Owner is responsible to pay the City of Miami Beach any difference between the permit fee based on the construction cost and/ or square footage submitted with the original permit application and the permit fee based on the final construction cost including general conditions and/or final square footage as certified by the Owner, Architect and Contractor on the most current "AIA Document G702" Application for Payment approved at the time the application for the Certificate of Occupancy (CO) or Certificate of Completion (CC) is submitted to the Building Department.

The City of Miami Beach reserves the right to request G706 Contractor's Affidavit of Debts and Claims after the issuance of CO.


Signature of Qualifier / Contractor

STATE OF FLORIDA

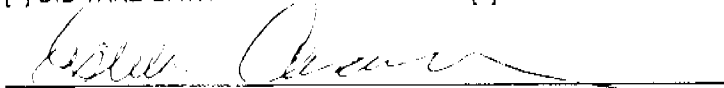
COUNTY OF DADE

Sworn to and subscribed 2 day of June
2008, by: AFIF CHANOUSS

☒ Personally known to me: ☐ or Procured Identification

Type of Identification: _____

☐ DID TAKE OATH ☐ DID NOT TAKE OATH


Signature of Notary Public



ESTELA CASANOVA
MY COMMISSION # DD 595434
EXPIRES September 18 2010
Bonded Thru Budget Notary Services



Structural Engineers
12924 S.W. 114 Court
Miami, Florida 33176
Phone (786) 236-4712
Fax (305) 255-1729
e-mail Timmonsdt@aol.com
CA#00005743

Douglas B. Timmons, P.E.
FL PE #39259

Client: ELEMENTS

Sheet: 1 of

Project: WATERWAY ALUM. POND

Date: 9/18/07

Engr: DT

LOADS

3" SLAB 100 PSF
L.L. 100 PSF

SIZE GIR

WATER CRUS S=12'-0"

$$W = [1.4(100) + 1.7(100)]S + \overset{W_{dead}}{.2}(1.4) + \overset{P_{over}}{1.5}(1.5)1.4 = 2.44 \text{ klf}$$

$$M = \frac{2.44(12)^2}{10} = 35.1 \text{ k} \quad \Delta_o = \frac{35.1}{4(15)} = .58 \text{ ft}^2 \quad 3\#_o = 1.32 \text{ ft}^2$$

$$V_{WR} = 6(2.44) = 14.6 \text{ k} \quad V_C = \frac{18(15)2\sqrt{F_{con}}}{1000} = 38.2 \text{ k} \quad \#3 @ 8" \text{ OK}$$

USE 18" X 18"
W/ 3\# @ 8"
4\# @ 8" @ 8"

CK SLAB

S=10'-0"

$$W_W = 1.4(100) + 1.7(100) = .31 \text{ klf}$$

$$M_W = \frac{.31(10)^2}{10} = 3.1 \text{ k} \quad \Delta_o = \frac{3.1}{4(15)} = .16 \text{ ft}^2/\text{ft} \quad \#3 @ 8" = .21 \text{ ft}^2/\text{ft}$$

DOUGLAS B. TIMMONS
FL P.E. #39259

SEP 18 2007

USE 8" SLAB W/ 3\# @ 8"
PORT 4\# TOP AND 2\# @ 8"

CORNERSTONE ENGINEERING PARTNERSHIP



Structural Engineers
12924 S.W. 114 Court
Miami, Florida 33176
Phone (786) 236-4712
Fax (305) 253-1729
e-mail: Timmonsdt@aol.com
CA#00005743

Douglas B. Timmons, P.E.
FL PE #39259

• Client: ELEMENTS

Sheet: 2 of

• Project: HAENOVA ARAPO

Date 9/12/01

•

Engr: DT

•

•

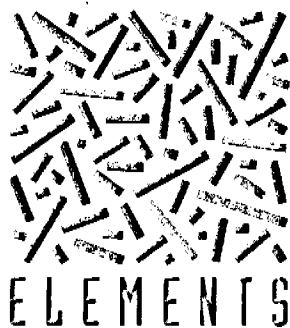
CK FILE

$$\Delta = 7.5(9) \cdot 2 + .15(1.5)^2(9) = 16.2K \quad \underline{\underline{15+0.1 OK}}$$

DOUGLAS B. TIMMONS

FL P.E. # 39259

SEP 18 2007



ARCHITECT • ENGINEER • INTERIOR DESIGNER

December 13, 2007

City of Miami Beach
Building Department
1700 Convention Center Drive
Miami Beach, Florida 33139

Re: Wachovia – Alton Road
1901 Alton Road, Miami Beach, Florida
Permit # B0800593

RESPONSE TO COMMENTS

Building Section Comments

Item 1

Attach an Architectural/Engineering Affidavit for job value and total gross square footage.

Response

Shall be provided.

Item 2

Classify scope and type of work according to Chapter 3 (FBC(E) 301.1)

Response

The information has been noted on the Cover Sheet. See the Revised Cover Sheet.

Item 3

Define level of alteration. (FBC(E) 301.5)

Response

The information has been noted on the Cover Sheet. See the revised Cover Sheet.

ELEMENTS

ARCHITECTS INTERIORDISIGNING

00000000000000000000

City of Miami Beach,
Wachovia – Alton Road
Response to Building Dept. Cmts.
Page 2 of 4

Item 4

Remove unnecessary information from plans.

Response

We have clarified the drawings to the greatest extent possible. Information that was included as standard reference has been removed. Refer to revised drawing Sheets A0.0, A1.0, A1.1, A1.2 and A5.1.

Item 5

Show and elevation at each surface.

Response

Elevation marks have been placed on the Floor Plan. Refer to revised Sheet A1.0 for the information requested.

Item 6

Provide a cross section showing handrail and/or guardrail compliance (FBC 1009.11; FBC 1618) Show a 1-1/2" dimension from top of bracket to bottom of rail.

Response

Refer to new detail 4/A5.1 on Revised Sheet A5.1. This detail as shown satisfies the requirements of both FBC Chapter 11 requirements and those of the FFPC/NFPA 101 Section 7.2.2.4.4.5. Note also that General Note 5 has been added on Sheet A1.1 for compliance w/ FBC 1618.4.6.

Fire Section Comments

Item 1

Clearly define scope of work on the drawings. Show all of the existing/new systems, structures, devices, etc.

Response

The Cover Sheet has been modified to include a clearer Description of the Work. The Classification of the Work per FBC(E)301 has also be noted on the Cover Sheet. The graphic representation with the associated notes along with the applicable legend information serves to indicate existing and new systems.

ELEMENTS

ARCHITECTS • INTERIORS • DESIGN

City of Miami Beach,
Wachovia – Alton Road
Response to Building Dept. Cmts.
Page 3 of 4

Fire Section Comments (Continued)

Item 2

The plans must indicate the applicable codes with editions used in design (2004 Florida Fire Prevention and NFPA 101 Life Safety Code, 2003 Edition).

Response

The revised Cover Sheet has been modified to reference the codes as requested in Item 2.

Item 3

Guards and handrails on both sides shall be provided for ramps. Provide guards and handrail details for ramps.

Response

In accordance with FBC Section 1012.1 and NFPA 7.1.8 guards are required when the open sides exceed 30 inches above the floor or grade below. Please refer to Revised Sheet A1.1 for the applicable grade elevations. The landings and portions of the ramp are, at their maximum, 12" above the grade. Therefore handrails have been provided as opposed to guards.

Item 4

Ramps shall be in accordance with NFPA 101 7.2.2.

Response

The ramp as shown complies with NFPA 101, 7.2.2.

Item 5

Provide handrails with their proper extensions along with 3 steps or less need to be 13" min tread with their nosing striped.

Response

Refer to Revised Sheet A5.1 and new details 3/A5.1 and 5/A5.1. Section 3/A5.1 indicates the required extensions at the handrails. Section 5/A5.1 calls for stair nosings with an anti-slip abrasive texture and color safety yellow. Refer to Revised Sheet A1.1 for the revised tread dimensions. Treads have been modified to be 13".

ELEMENTS

ARCHITECTS - INTERIORS - DESIGNERS

City of Miami Beach,
Wachovia – Alton Road
Response to Building Dept. Cmts.
Page 4 of 4

Accessibility Section Comments

Item 1

Show ATM reachable ranges.

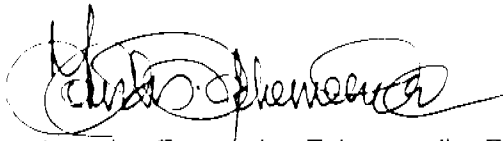
Response

Refer to revised Sheet A5.1 for the elevation of both the ATM and AHD equipment with the applicable heights.

Electrical Review Comments are addressed in the attached letter from the project Engineer.

We hope that you will find these responses to be satisfactory and should you have any questions please do not hesitate to contact us.

Sincerely,
Elements by,



Lourdes Fernandez Echemendia, R.A.
AR0014424
Project Architect

Cc: File

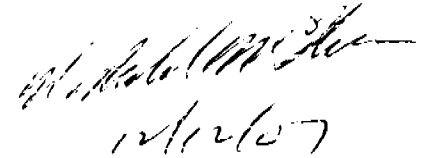


ARCHITECTURAL ENGINEERING INCORPORATED

3442 EAST LAKE ROAD, SUITE 320, PALM HARBOR, FLORIDA 34685-2406
VOICE 727/784-1472 FAX 727/789-1470 E-Mail: AEI@aol.com

December 12, 2007

Ms. Lourdes Echemendia
ELEMENTS ARCHITECTS, INC.
1699 S.W. Coral Way
Suite 503
Miami, FL 33145



12/12/07

Re: Wachovia – Alton Road, Miami, FL
EA Project No.: 07-080
AEI Project No.: 07141

Dear Ms. Echemendia:

This letter responds to Electrical comments from the City of Miami Beach Building Department, dated 11/30/07 (see attached).

A. Item: 00003 Electrical Section

Comment 1: Panel Schedules with all specifics.

Response: The Panel Schedule for existing Panel "A" has been added to the drawings with new and existing loads shown. See Drawing E1.0, dated Revision 1, 12/12/07.

Comment 2: Circuit numbers and existing load on circuits as well as load to be added to circuits.

Response: The circuit numbers and loads have been added to the drawings. See revised notes on Drawing E0.1, dated Revision 1, 12/12/07. See Revised Floor Plan on Drawing E1.0, dated Revision 1, 12/12/07.

Comment 3: Conductor size.

Response: The new conductor sizes have been indicated on Panel "A". See Drawing E1.0, dated Revision 1, 12/12/07.

Ms. Lourdes Echemendia
Wachovia – Alton Road, Miami, FL
December 12, 2007
Page 2 of 2

Comment 4: Fixture Schedule.

Response: The Lighting Fixture Schedule is shown on Drawing E0.1,
dated Revision 1, 12/12/07.

Please contact me if you have any questions.

ARCHITECTURAL ENGINEERING INCORPORATED

W. Ronald McIlveen, P.E.
Project Manager

WRM/dh

Attachment (1 page)

**CITY OF MIAMI BEACH
BUILDING DEPARTMENT****PLANS PROCESSING APPROVALS**

11-30-2007

ACTIVITY NUMBER: B0800593**SITE ADDRESS:** 1901 ALTON RD MBCH

LIST OF APPROVALS:

Item: 00001 Zoning Section

Item: 00002 Building Section

Item: 00070 Structural

Item: 00003 Electrical Section

11/30/2007 CAM Action: CO The following items must be shown on electrical plans:

1. Panels schedule with all specifics.

2. Circuit numbers and existing load on circuits as well as load to be added to circuits.

3. Conductor size.

4. Fixture schedule.

Item: 00005 Mechanical Section

Item: 00004 Plumbing Section

Item: 00007 Engineering Section

Item: 00009 Public Works Department

Item: 00006 Fire Section

Item: 00080 M. D. W. A. S. D

Item: 00023 Accessibility Section

Item: 00010 D.E.R.M. (Env Res Man)

Item: 00021 Dade County Impact fees?

Item: 00065 Elevator

Item: 00075 Valuation Verification

Item: 00016 Check Additional Approvals

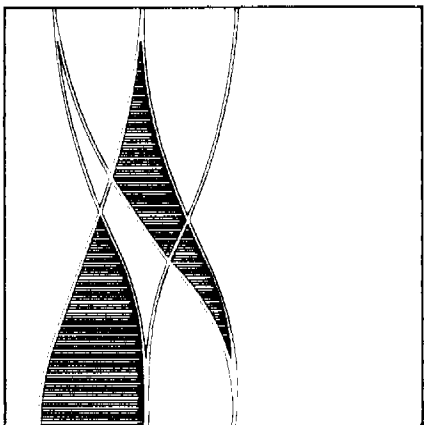
WACHOVIA - ALTON ROAD BRANCH
1901 ALTON ROAD
MIAMI BEACH, FLORIDA

CONSULTANTS

ARCHITECTURE:
ELEMENTS ARCHITECTS AND INTERIOR DESIGNERS
1699 CORAL WAY, SUITE 503
MIAMI, FLORIDA 33145
PHONE: 305-858-5858
FAX: 305-858-5850

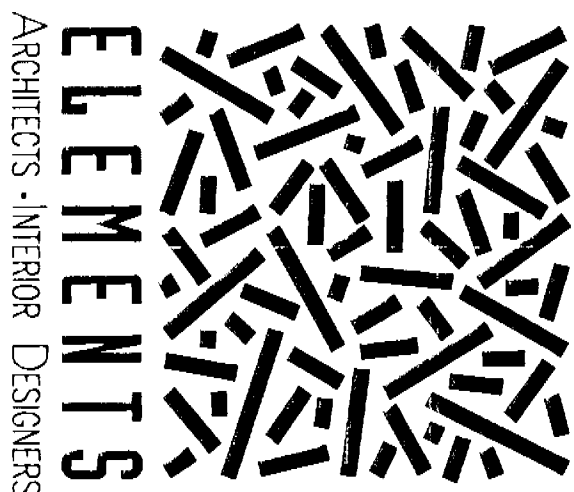
STRUCTURAL:
CORNERSTONE ENGINEERING PARTNERSHIP INC.
12924 SW 114TH COURT
MIAMI, FLORIDA 33176
PHONE: 786-236-4712
FAX: 305-255-1729

MECHANICAL/ELECTRICAL:
ARCHITECTURAL ENGINEERING, INC.
3442 EAST LAKE ROAD
PALM HARBOR, FLORIDA 34685
PHONE: 727-784-1472
FAX: 727-789-1470



WACHOVIA

DESCRIPTION OF WORK:	Construction of New Exterior ADA Ramp; Relocation of ATM & AHD Equipment; Minor Interior Remodel to Create a New ATM Room.
BUILDING CODES:	FLORIDA BUILDING CODE, 2004 EDITION 2004 FLORIDA FIRE PREVENTION CODE NFPA 101, LIFE SAFETY CODE, 2003 EDITION
BUILDING TYPE:	TYPE IIIB
CLASSIFICATION OF WORK:	ALTERATION - LEVEL 2
OCCUPANCY TYPE:	BUSINESS
OVERALL EXISTING BUILDING SQUARE FOOTAGE:	6,085 SF
OCCUPANT LOAD:	1 PERSON/100 S.F. GROSS (6,085 SF/100 SF = 61 PEOPLE)



ARCHITECTS - INTERIOR DESIGNERS
ELEMENTS
Tampa Office
The Edgewater Building
600 South Washington Avenue
Suite 150
Tampa, Florida 33605
Phone (813) 251-0867
Fax (813) 251-0867
Miami Office
1699 Coral Way, Suite 503
Miami, Florida 33145
Phone (305) 558-5858
Fax (305) 558-5850

SEPTEMBER 7, 2007
PROJECT NUMBER 07-080

DRAWINGS INDEX

COVER

ARCHITECTURAL

- A0.0 GENERAL INFORMATION, VICINITY MAP
- A0.1 AND SYMBOL LEGEND
- A0.1 SITE PLAN
- A1.0 DEMOLITION FLOOR PLAN
- A1.1 FLOOR PLAN
- A1.2 REFLECTED CEILING PLAN
- A5.1 WALL PARTITION AND DETAILS

STRUCTURAL

- S.1 GENERAL NOTES AND DRAWING INDEX
- S.2 FLOOR PLAN
- S.3 SECTIONS

MECHANICAL

- M1.0 MECHANICAL - PARTIAL FLOOR PLAN

ELECTRICAL

- EO.1 ELECTRICAL - LEGEND, SCHEDULES, NOTES
- E1.0 ELECTRICAL - PARTIAL FLOOR PLAN

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 water management 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.

B0800593

1/2/08
1/1/08

1/2/08
1/1/08

48 HOURS PRIOR TO EXCAVATING
CONTRACTOR SHALL CALL FOR LOCATION
OF UNDERGROUND UTILITIES
SUBMERSE ONE-CALL 1-800-422-4270
CITY OF MIAMI BEACH 305-603-7000

PLAN REVIEWING
PHONE 305-673-7080 FAX 305-673-7080
THIS PLAN REVIEW CONSTITUTES APPROVAL FOR
ORDINANCE ENFORCEMENT PERMITS ONLY.
ALL INFORMATION IS FOR THE USE OF THE CITY OF MIAMI BEACH AND THE CITY OF MIAMI BEACH. THE CITY OF MIAMI BEACH ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE INFORMATION PROVIDED HEREIN.
IN THE CITY OF MIAMI BEACH

12/3/07 - BUILDING DEPT COM

12-01-2008

A0.0 GENERAL INFORMATION, VICINITY MAP
A0.1 AND SYMBOL LEGEND
A1.0 SITE PLAN
A1.1 DEMOLITION FLOOR PLAN
FLOOR PLAN

S.1	GENERAL NOTES AND DRAWING INDEX
S.2	FLOOR PLAN
S.3	SECTIONS
<u>MECHANICAL</u>	
M.0	MECHANICAL - PARTIAL FLOOR PLAN

ELECTRICAL

**BUSINESS
1 PERSON/100 S.F. GROSS (6,085**

EXTERIOR ADA RAMP AND MINOR

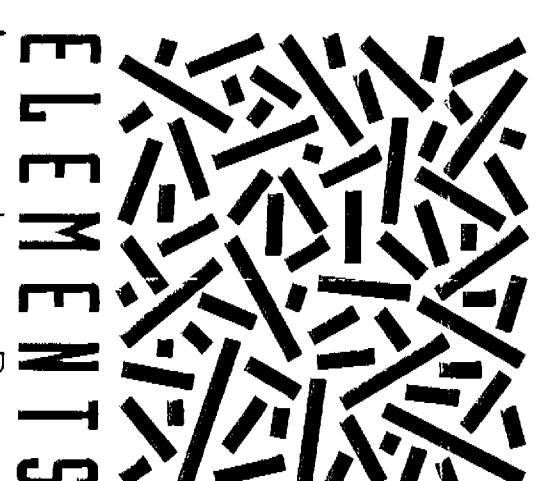
FLORIDA BUILDING CODE 2004 EDITION

TYPE IIIB

6,085 SF

BUSINESS

1 PERSON/100 S.F. GROSS (6,085



ARCHITECTS • INTERIOR DESIGNERS

Tampa Office
The Edgewater Building
600 South Magnolia Avenue
Suite 150
Tampa, Florida 33606
Phone (813) 251-0555
Fax (813) 251-0557

Miami Office
1599 Cord Way Suite 503
Miami, Florida 33145
Phone (305) 858-5958
Fax (305) 858-5950

ELEMENTS State License #AA000234

SEPTEMBER 7, 2007
PROJECT NUMBER 07-080

- A0.0 GENERAL INFORMATION, VICINITY MAP
- A0.1 AND SYMBOL LEGEND
- A1.0 SITE PLAN
- A1.1 DEMOLITION FLOOR PLAN
- A1.2 FLOOR PLAN
- A5.1 REFLECTED CEILING PLAN
- WALL PARTITION AND DETAILS

S.1 GENERAL NOTES AND DRAWING INDEX
S.2 FLOOR PLAN
S.3 SECTIONS

MECHANICAL - PARTIAL FLOOR PLAN
M1.0

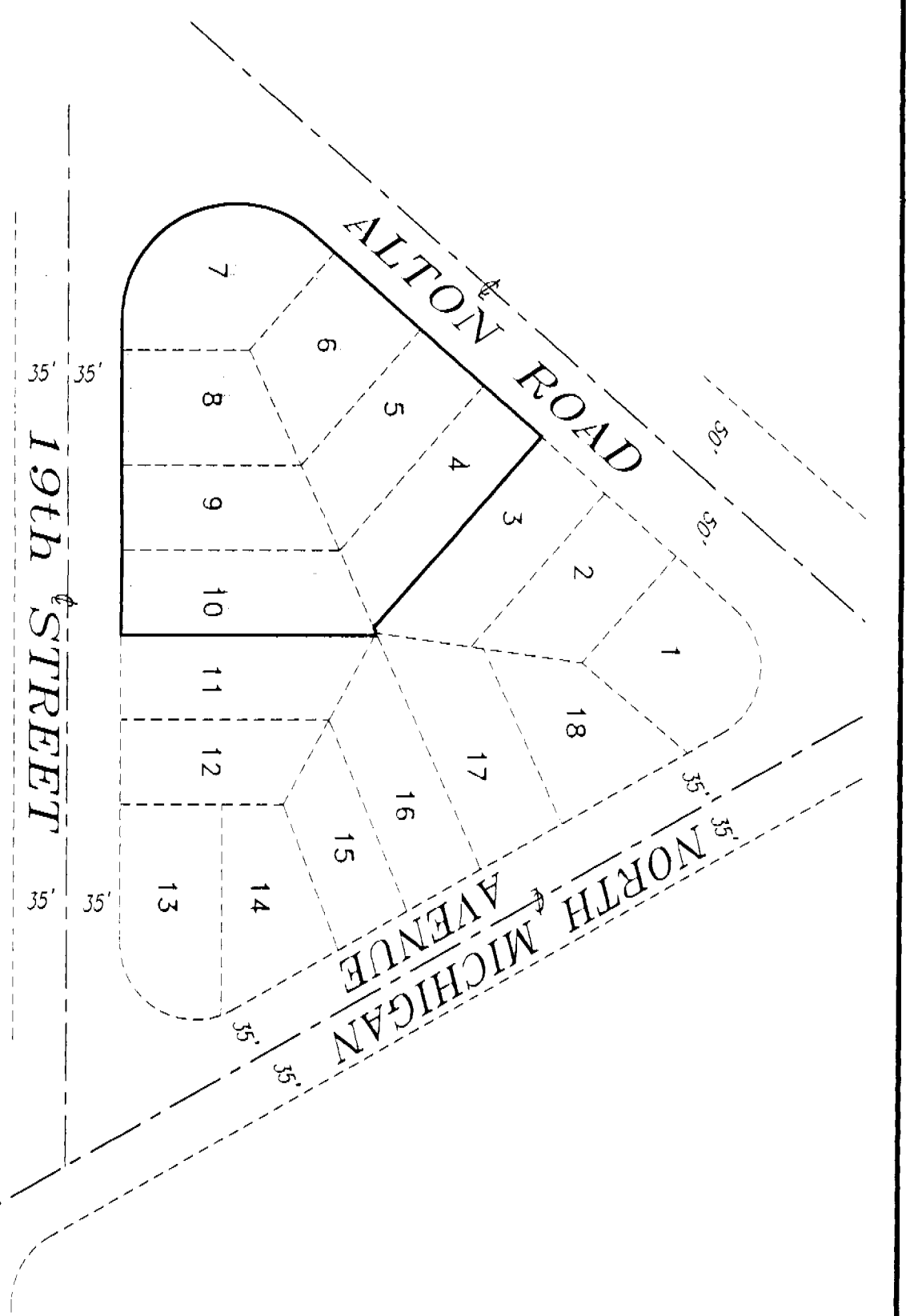
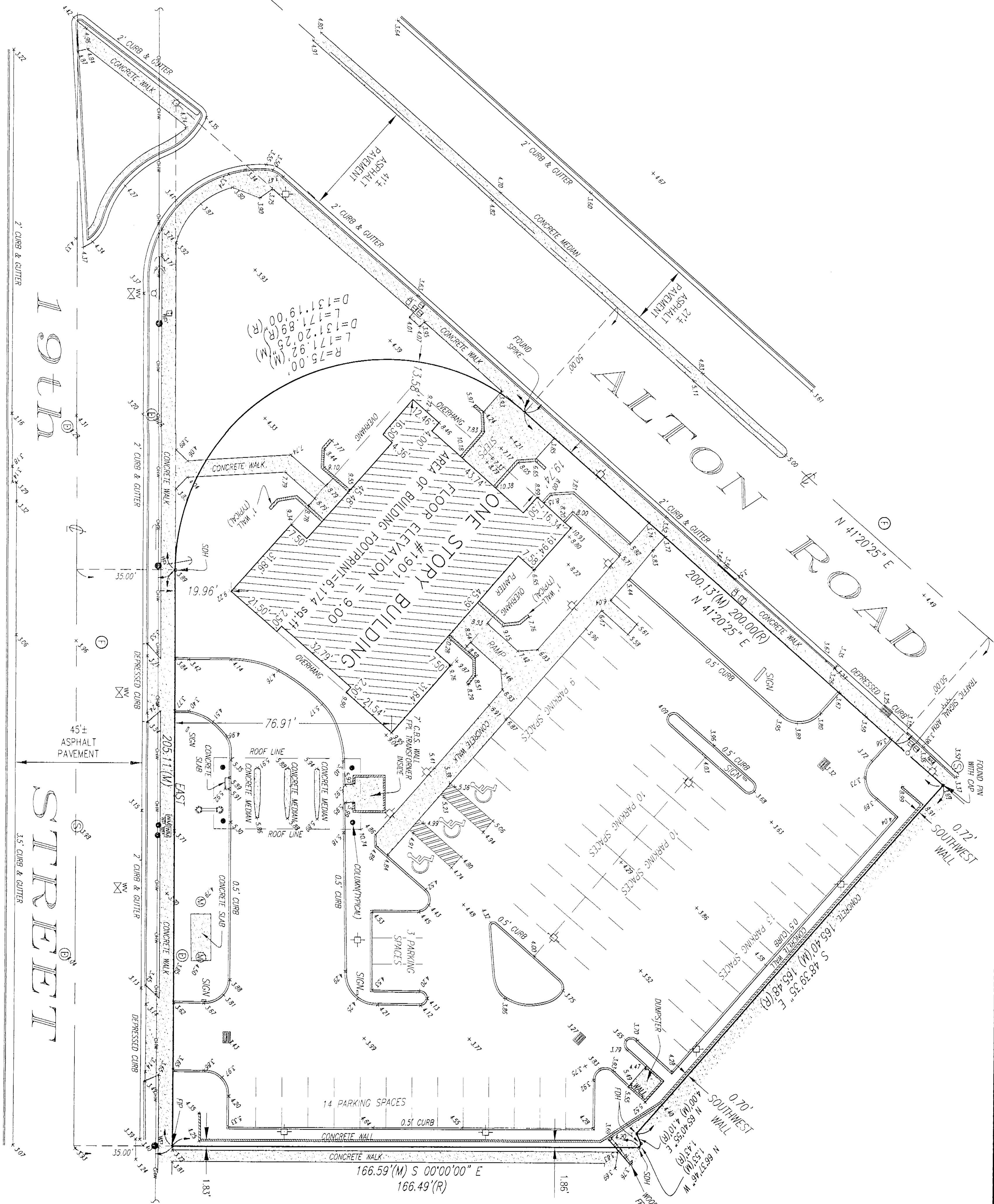
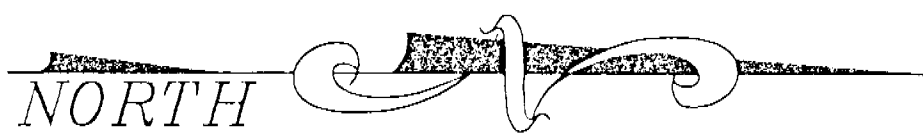
EO.1 ELECTRICAL - LEGEND, SCHEDULES, NOTES
E1.0 ELECTRICAL - PARTIAL FLOOR PLAN

4d HOWE PRIOR TO EXCAVATING
CONTRACTOR SHALL CALL FOR LOCATION
OF UNDERGROUND UTILITIES
BAMNINE ONE-800-332-4770
CITY OF MIAMI BEACH 305-673-7029

PLAY REVIEW RIGHTS
PLAY REVIEW BOARD
 Phone 306-673-7080 Fax 306-673-7080
THIS PLAY REVIEW CONSTITUTES APPROVAL FOR
OBTAINING BUILDING PERMITS ONLY.
 All construction and/or use of equipment in the right-of-way and/or
 statements, requires a separate Public Works Department permit application
 to start of construction.

Permit Requirements: Proof of existing sidewalk/walk area condition (pictures) and/or posting of sidewalk/roadway bonds (Public Works inspection of the right-of-way will be required before bond sign-off on the C.C. C.O., or the release of bonds).

Approved/Reviewed By:  Date: 11/30



LOCATION MAP

SCALE 1" = 100'

NOTES:

- 1) BEARINGS SHOWN HEREON REFER TO AN ASSUMED BEARING OF EAST ALONG THE CENTER LINE OF 19th STREET.
- 2) LEGAL DESCRIPTION SHOWN HEREON WAS PROVIDED BY CLIENT.
- 3) PROPERTY AS SHOWN HEREON CONTAINS 1.272+ACRES AND/OR FOUNDATIONS.
- 4) UNLESS OTHERWISE NOTED, THIS FIRM HAS NOT ATTEMPTED TO LOCATE FOOTINGS AND/OR FOUNDATIONS.
- 5) ORDERED BY ELEMENTS ARCHITECTS
- 6) THIS SURVEY WAS PREPARED FOR THE EXCLUSIVE USE OF THE ENTITIES NAMED HEREON. THE ATTACHED CERTIFICATION DOES NOT EXTEND TO ANY UNNAMED PARTIES.
- 7) PROPERTY SHOWN HEREON FALLS WITHIN FEDERAL FLOOD HAZARD ZONE AE BASE FLOOD 8 PER FIRM COMMUNITY PANEL NO.120657 0184 J, DATED 03-02-94
- 8) VISIBLE INDICATORS OF UTILITIES ARE SHOWN HEREON, HOWEVER, NO ATTEMPT HAS BEEN MADE TO LOCATE UNDERGROUND ITEMS.
- 9) DISTANCES ALONG BOUNDARY OF SUBJECT PROPERTY ARE RECORDED AND MEASURED UNLESS OTHERWISE STATED.
- 10) THIS SURVEY IS SUBJECT TO EASEMENTS AND RIGHTS OF WAY THAT WOULD BE REFLECTED ON A SEARCH OF TITLE OF THE SUBJECT LANDS
- 11) ELEVATIONS SHOWN HEREON RELATE TO NATIONAL GEODETIC VERTICAL DATUM, NAD 83, 1929
- 12) BENCHMARKS:
 - a) BRASS DISC ON CONCRETE SIDEWALK AT NW CORNER OF BRIDGE 42± SOUTH OF CENTER LINE DADE BOULEVARD & 90± WEST OF CENTER LINE OF ALTON ROAD ELEVATION = 7.31
 - b) BRASS DISC ON NORTH CORNER OF BRIDGE 29± SOUTH OF CENTER LINE OF DADE BOULEVARD 63± EAST OF CENTER LINE BAY ROAD ELEVATION = 11.06

LEGEND:	
	WOOD POWER POLE
	METAL LIGHT POLE
	LIGHT POLE
	WATER VALVE
	FIRE HYDRANT
	CATCH BASIN
	STORM DRAINAGE MANHOLE
	SANITARY SEWER MANHOLE
	DOUBLE DEFLECTION CURB VALVE
	SET DRILL HOLE
	FENCE ROW LINE
	EXISTING ASPHALT

I HEREBY CERTIFY: That this "SKETCH OF SURVEY" of the property described hereon is true and correct to the best of my knowledge and belief as recently surveyed and drawn under my supervision and direction by the Florida State Board of Surveyors and the Minimum Technical Standards adopted by the Florida State Board of Surveyors and the Minimum Technical Standards adopted by Chapter 61G17-6, Florida Administrative Code.

Schubbe/Shiskin & Associates, Inc.

Mark Steven Johnson, Sec'y & Treas.
Professional Land Surveyor #4175
State of Florida

REVISIONS		
Date	Remarks	By
10-15-07	UP DATED PARKING AREA	L.E.G.

SKETCH OF SURVEY/TOPOGRAPHIC
lots 4 thru 10 " RESUBDIVISION OF BLOCK 11-A ISLAND VIEW ADDITION"
according to the plat thereof, as recorded in Plat Book 40 at Page 12, of the Public Records of Dade County, Florida. Lying and being in Dade County, Florida.

Schubbe/Shiskin & Associates, Inc.
LAND PLANNERS • ENGINEERS • LAND SURVEYORS (FL#487)
3940 CORPORATE WAY MIRAMAR, FLORIDA • 33025 • TEL. NO.(954)435-7010 • FAX NO. (954)438-3288

By: _____ State of Florida
Registered Land Surveyor No. _____
Registered Engineer No. _____ State of Florida

Drawn By: E.A.C. Date: 07/27/06
Order No: 190701
PC: 21 & SKETCH
Scale: 1" = 20'
Checked By: _____ Date: _____
File No: AJ-4484
Sheet No. 1 of 1 Sheet

THE CONTRACTOR SHALL BE FAMILIAR WITH THE TERMS AND CONDITIONS OF THE CONTRACT.

- [illegible]

ABV ABOVE

ABV	ABOVE	FA	FIRE ALARM	MA	MACHINE	5	SOUTH
AC	AIR CONDITIONING	FC	FIRE CABINET	MAINT	MAINTENANCE	5A	STONE BASE
ACOB	ACROBATIC	FD	FLOOR DECK	MAI	MATERIAL	5B	SOLID CORE
AD	ADDITIONAL	FDN	FIRE DEPARTMENT CONNECTION	MAX	MAXIMUM	5C	SOLID CORE
ADN	ADJACENT	FE	FIRE EXTINGUISHER	ME	MEDICAL	5D	SOLID CORE
AE	ABOVE FINISH FLOOR	FIE	FIRE EXTINGUISHER	MECH	MEDICAL DENSITY FIBREBOARD	5E	SOLID CORE
AE6	AGGREGATE	FIC	FIRE HOSE CABINET	MEP	MEDICAL ELECTRICAL PLUMBING	5F	SQUARE FEET/FOOT
AU	AIR HANDLER UNIT	FM	FIRE FIGHTER	MEH	MECHANICAL	5H	SQUARE FEET/FOOT
AUL	AIR UNIT	FMV	FIRE FIGHTER	MEH	MECHANICAL	5I	SQUARE FEET/FOOT
AV	ADULT	FL	FLOOR	MEH	MECHANICAL	5J	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5K	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5L	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5M	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5N	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5O	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5P	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5Q	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5R	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5S	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5T	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5U	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5V	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5W	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5X	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5Y	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5Z	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5AA	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5AB	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5AC	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5AD	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5AE	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5AF	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5AG	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5AH	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5AI	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5AJ	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5AK	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5AL	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5AM	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5AN	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5AO	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5AP	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5AQ	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5AR	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5AS	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5AT	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5AU	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5AV	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5AW	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5AX	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5AY	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5AZ	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5BA	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5BB	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5BC	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5BD	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5BE	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5BF	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5BG	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5BH	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5BI	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5BJ	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5BK	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5BL	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5BM	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5BN	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5BO	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5BP	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5BQ	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5BR	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5BS	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5BT	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5BU	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5BV	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5BW	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5BX	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5BY	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5BZ	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5CA	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5CB	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5CC	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5CD	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5CE	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5CF	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5CG	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5CH	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5CI	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5CJ	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5CK	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5CL	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5CM	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5CN	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5CO	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5CP	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5CQ	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5CR	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5CS	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5CT	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5CU	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5CV	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5CW	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5CX	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5CY	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5CZ	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5DA	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5DB	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5DC	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5DD	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5DE	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5DF	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5DG	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5DH	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5DI	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5DJ	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5DK	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5DL	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5DM	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5DN	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5DO	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5DP	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5DQ	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5DR	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5DS	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5DT	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5DU	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5DV	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5DW	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5DX	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5DY	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5DZ	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5EA	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5EB	SQUARE FEET/FOOT
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AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5EF	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5EG	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5EH	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5EI	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5EJ	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5EK	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5EL	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5EM	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5EN	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5EO	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5EP	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5EQ	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5ER	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5ES	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5ET	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5EU	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5EV	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5EW	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5EX	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5EY	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5EZ	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5FA	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5FB	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5FC	SQUARE FEET/FOOT
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AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5FE	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5FF	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5FG	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5FH	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5FI	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5FJ	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5FK	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5FL	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5FM	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5FN	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5FO	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5FP	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5FQ	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5FR	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5FS	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5FT	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5FU	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5FV	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5FW	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5FX	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5FY	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5FZ	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5GA	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5GB	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5GC	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5GD	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5GE	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5GF	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5GG	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5GH	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5GI	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5GJ	SQUARE FEET/FOOT
AV	ADULT VISUAL	FLASH	FLOOR	MEH	MECHANICAL	5GK	SQUARE FEET/FOOT
AV	ADULT VIS						

 $\otimes z$ 

1

DETAIL

SCALE: 3" = 1'-0"

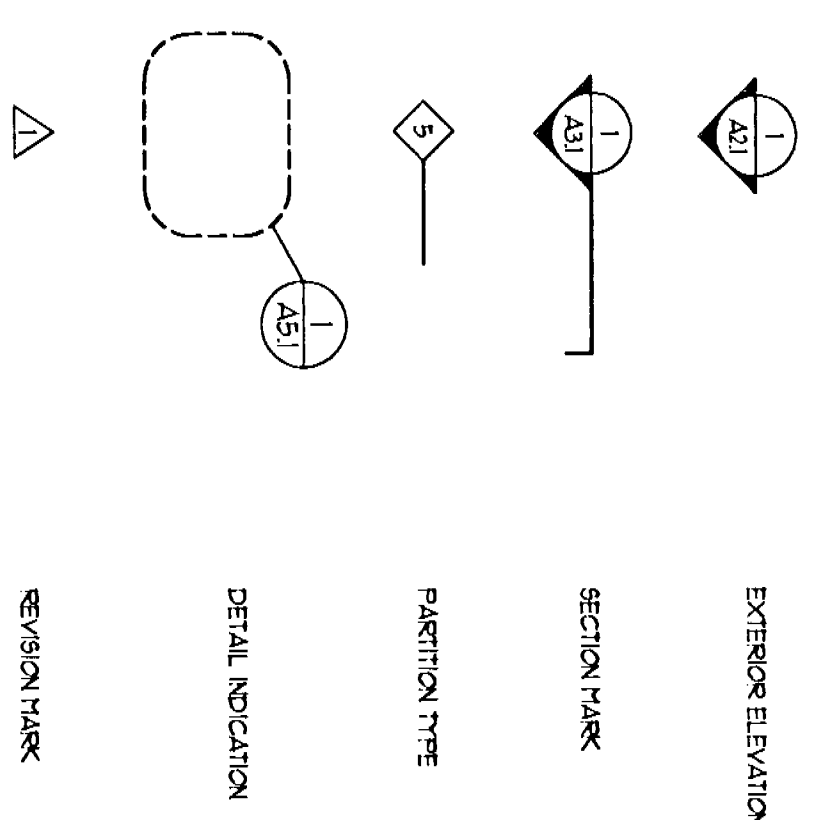
WALLING

10'

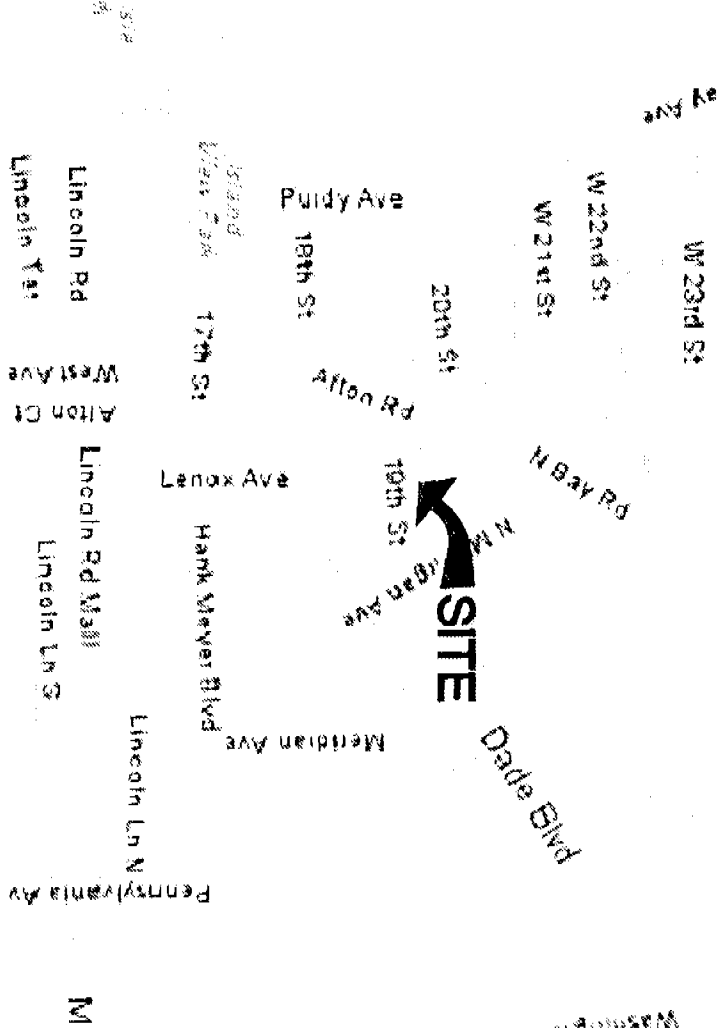
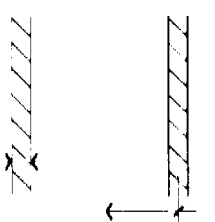
50 FT

DOOR NUMBER

1



NOTE: VERIFY ALL EXISTING DIMENSIONS IN FIELD



Notes:

Revisions:
 12/19/01 - BUILDING DEPT. COMMENTS

Consultants:
Lourdes Fernandez Echেমেন্দা
Architect License #AR0074424

12/13/07
Quinn Sullivan

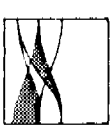
Seal:Seat: _____

ELEMENTS

Suite 150
Tampa, Florida 33606
Phone (813) 251-0565
Fax (813) 251-0567

Miami Office
1699 Coral Way suite 50
Miami, Florida 33145
Phone (305) 858-5858
Fax (305) 858-5850

ELEMENTS State License #A13302341



WACHOVIA

ALTON ROAD BRANCH
1901 ALTON ROAD
ALTON ROAD BRANCH

Drawing No./Date 9/0

Drawing No./Date 9/27/27

Drawing No./Date 9/27/27

A.O.O

07-080

Drawing Title/Scale/Drawn by LEE

GENERAL INFORMATION, VICINITY MAP AND SYMBOLS LEGEND

SCALE: AS NOTED

1 THE CONTRACTOR SHALL BE FAMILIAR WITH THE TERMS AND CONDITIONS OF THE CONTRACT.

2 NO SUBSTITUTION OF MATERIALS OR EQUIPMENT IS PERMITTED UNLESS APPROVED IN WRITING BY THE ARCHITECT. THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS AND TEST CERTIFICATIONS FOR ALL MATERIALS AND EQUIPMENT AS OUTLINED IN THE SPECIFICATIONS.

- 3 THE GENERAL CONTRACTOR SHALL VERIFY THE DIMENSIONS AND TOLERANCES EXISTING IN THE FIELD AND ADVISE THE ARCHITECT OF ANY DISCREPANCY BEFORE COMMENCING THE WORK.
- 4 ALL DIMENSIONS SHOWN ON THE DRAWINGS SHALL BE ASSURED BY THE CONTRACTOR. THE CONTRACTOR SHALL NOT COVER MATERIALS OR START FABRICATION OF ANY ASSEMBLY UNTIL PROPER FIELD VERIFICATION HAS BEEN OBTAINED.
- 5 THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND LICENSES REQUIRED FOR ALL WORK IN THIS CONTRACT.
- 6 COORDINATE ALL WORK WITH THE REQUIREMENTS OF THE MECHANICAL AND ELECTRICAL DRAWINGS.
- 7 GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR AND OVERSEE THE PROPER AND NEAT INSTALLATION OF ALL NEW WORK BY HIS SUBCONTRACTORS AND VENDORS.
- 8 NO CLAIM FOR EXTRA COMPENSATION SHALL BE CONSIDERED DUE TO FAILURE OF THE CONTRACTOR OR HIS SUB-CONTRACTOR TO CONSULT THE CONTRACT DOCUMENTS AND DETERMINE THE SCOPE OF HIS WORK IN RELATION TO OTHER CONTRACTORS AND TRADES.
- 9 ALL TYPES OF DRIVING NAILS OR DRIVING BOLTS AND EXPOSED OR PROTRUDING EDGES OF WORK DONE UNDER THIS CONTRACT INCLUDING INTERIOR AND EXTERIOR FINISHES AND PAINTING/PAINTS SHALL BE REPAIRED OR REFINISHED TO MATCH EXISTING ADJACENT WORK.
- 10 ANY DAMAGE TO BUILDINGS, FURNITURE AND PUBLIC AREAS, BATHROOMS, CONCRETE AREAS, ETC., CAUSED BY THE CONTRACTOR AT HIS OWN EXPENSE.
- 11 DEBRIS AND WASTE MATERIAL GENERATED BY THE CONSTRUCTION AND WHICH IS NOT TO BE REUSED, SHALL BE REMOVED FROM THE SITE AND LEGALLY DISPOSED OF BY THE CONTRACTOR DAILY. THE OWNER HAS THE RIGHT TO OBTAIN ALL APPLICABLE MATERIALS.
- 12 STORAGE OF MATERIALS OR EQUIPMENT FOR THE WORK SHALL BE AT THE CONTRACTORS RISK AND EXPENSE.
- 13 DOOR HAS A CLOSER, THEN THE SLEEP PERIOD OF THE CLOSER SHALL BE ADJUSTED SO THAT ROOM AT OPEN POSITION TILTS TO DECREASE, THE DOOR WILL TAKE AT LEAST 3 SECONDS TO MOVE TO A OPEN POSITION TILTED TO THE LEADING EDGE OF THE DOOR. THE HINGERS OF THE DOOR MUST BE ADJUSTED TO THE LEADING EDGE OF THE DOOR. EXTERIOR DOORS CAN BE TILTED OR TILTED OPEN WITH A FORCE NOT EXCEEDING 5 LBS. IF ADJUSTMENT IS NOT POSSIBLE, THEN CONTRACTOR IS RESPONSIBLE TO REFUSE THE WORK OR CLOSER. CONTRACTOR TO PROVIDE A CERTIFICATE TO THE ARCHITECT STATING THIS WORK WAS ACCOMPLISHED BY A COMPANY IN THE BUSINESS OF HARDWARE INSTALLATION.
- 14 WALL, POINTED FIVE EXHIBITORS TO BE 3, 6" MAX. HT. AT BOTTOM.
- 15 THIS PILING PACKAGE IS BASED ON DOCUMENTS, SPECIFICATIONS AND RELATED INFORMATION FOR THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER USE OF THE INFORMATION ON THE BLUE PRINTS, AS BUILDING DRAWINGS, CADD FILES PROVIDED BY OTHER SOURCES.
- 16 THE CONTRACTOR SHALL NOT INTERFERE WITH OTHER PARTS OF THE BUILDING NOT IN CONTRACT.
- 17 ALL WORK SHALL BE UNDERTAKEN SATISFACTORILY. MATERIALS AND WORKSMANSHIP FOR A MINIMUM PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL PAYMENT BY THE OWNER FOR ALL WORK UNDER THE CONTRACT, OR FOR THE PERIOD OF OWNER'S CUSTOMER, OR ANTICIPATED FOR THE ROUGH, GRAFT OR PRODUCT, UNLESS OTHERWISE SPECIFIED.
- 18 THE ARCHITECT SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THESE DRAWINGS, AS SHOWN ON THE SHEETS. THE ARCHITECT ASSUMES NO LIABILITY FOR THE CONDITION OF THE EXISTING BUILDING SHELL, OR SOUNDNESS OF THE EXISTING BUILDING SYSTEMS, ROOFING, MECHANICAL, ELECTRICAL, PLUMBING AND FIRE.

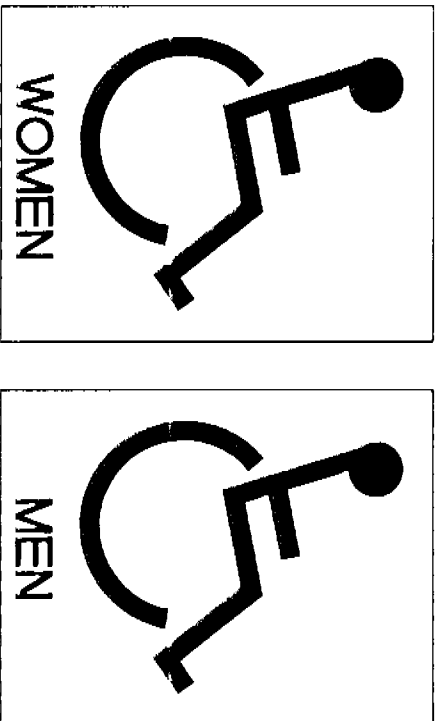
ABOVE
AIR CONDITIONING
ACOUSTICAL
ADDITIONAL
ADJUSTABLE
FA
FIRE ALARM
FILE CABINET
FLOOR DRAIN
FIRE DEPARTMENT CONNECTION
FOUNDATION

- [illegible]

MIRROR
REFLECTS

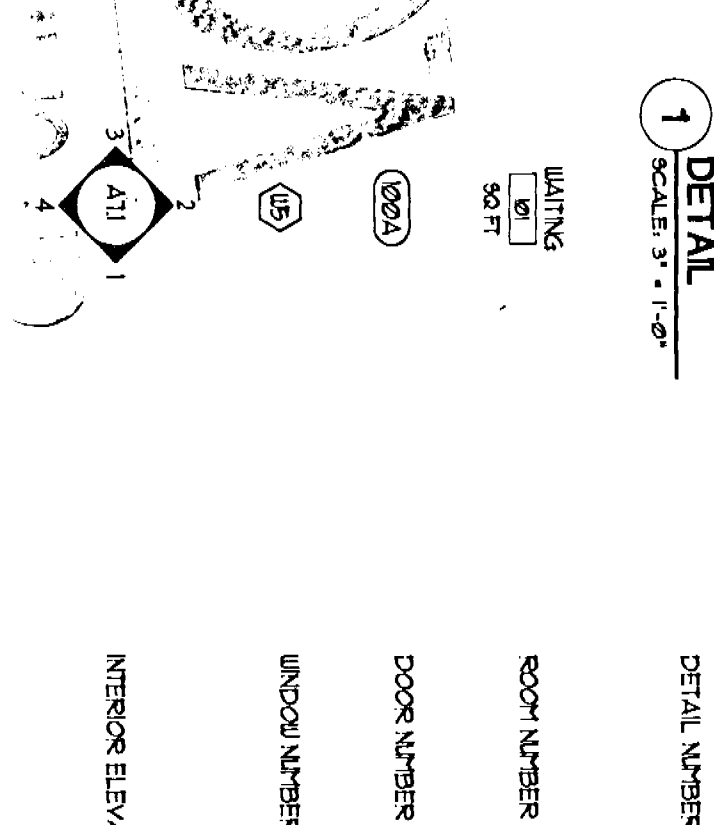
NOTE: FLUSH LEVER IS TO
BE LOCATED ON
ACCESSIBLE SIDE

13. THE ARCHITECT SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THESE DRAWINGS AS DATED ON THE SHEETS. THE ARCHITECT ASSUMES NO LIABILITY FOR THE CONDITION OF THE EXISTING BUILDING SHELL OR SOUNDNESS OF THE EXISTING BUILDING SYSTEMS (ROOFING, MECHANICAL, ELECTRICAL, PLUMBING AND FIRE).

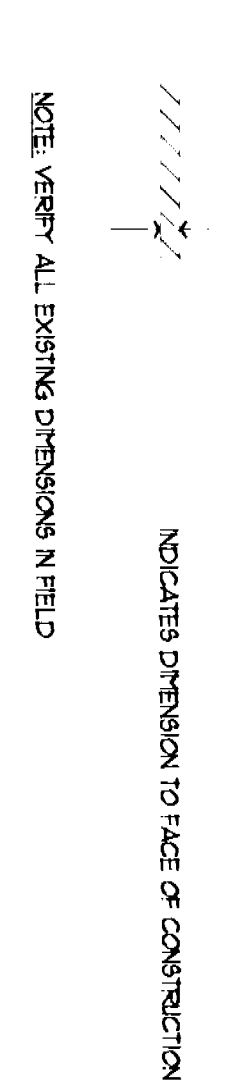


1. LETTERS AND NUMERALS SHALL BE PLACED IN A PREFERRED CASE AND SIZE OF 3/16" X 5/16" HIGH TYPE, AND SHALL BE ACCOMPANIED BY GEORGE J. SMITH, JR.
2. LETTERED CHARACTERS SHALL BE 1/16" HIGH BUT NO HIGHER THAN 1/4".
3. EMBOSSED AND METALLIC SHALL HAVE A 1/16" X 1/8" DEPTH BETWEEN .35 AND 1/16" AND A 1/16" X 1/8" DEPTH-TO-HEIGHT RATIO BETWEEN .5 AND 1.0.
4. CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND, EITHER PLACED AGAINST A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND.
5. PROTECTIVE FILM, WHEN PLACED OVER THE MARKING, SHALL BE ACCOMPANIED BY THE EQUIVALENT VERBAL DESCRIPTION PLACED DIRECTLY BELOW THE PROGRAM.
6. BODIED DIMENSION FOR PROTECTANT SHALL BE 6" X 1/4".
7. THERE PERMANENT IDENTIFICATION IS REQUIRED FOR ROOMS AND SPACES. SIGNS SHALL BE INSTALLED ON THE ADJACENT WALL OF THE ARCH SIDE OF THE DOOR. UNLESS THERE IS NO WALL SPACING ON THE LATCH SIDE OF DOOR SIGN SHALL BE PLACED ON REAR/SIDE ADJACENT WALL.
8. HALLWAY WALL HEIGHT SHALL BE 60" N. ABOVE FINISHED FLOOR TO THE CENTERLINE OF THE SIGN.

NORTH ARCOLL

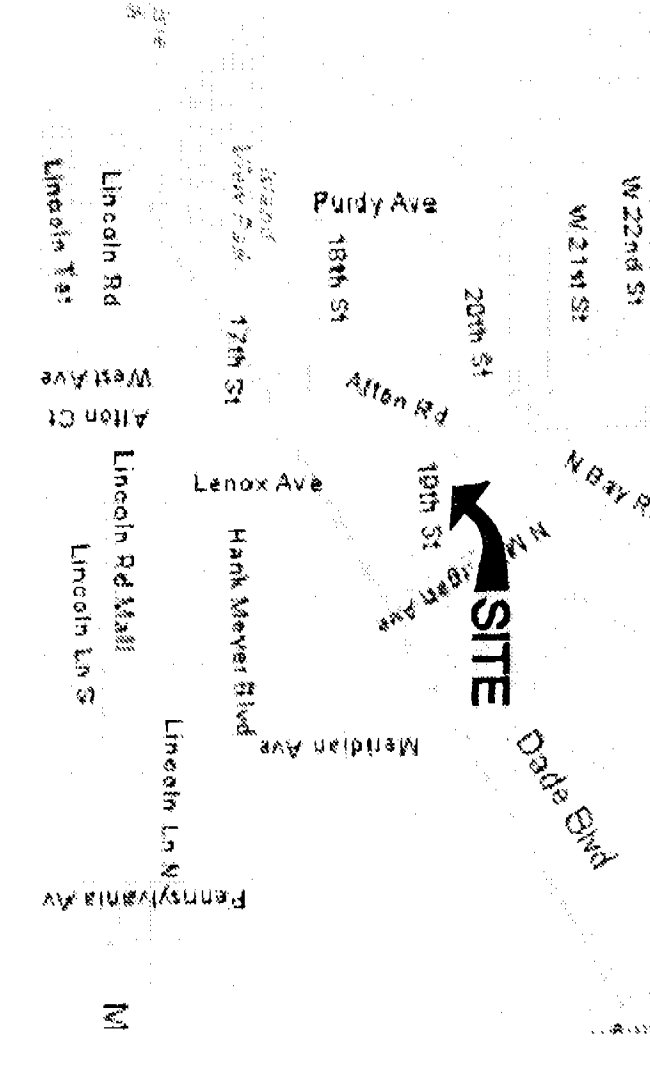


INDICATES DIMENSION TO CENTERLINE OF PARTITIONS OR COLUMN



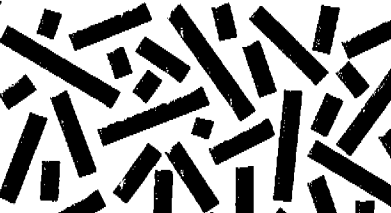
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APR 2016



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Lourdes Fernandez Echamendia
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Consultants:



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WACHOVIA

ALTON ROAD BRANCH
 1801 ALTON ROAD
 MIAMI BEACH, FLORIDA

Drawing No./Date 9/27/07

A0.0

01-080

Drawing Title/Scale/Drawn by LEE

GENERAL INFORMATION, VICINITY
 MAP AND SYMBOLS LEGEND

SCALE: AS NOTED

Notes:

Revisions:

Seal

Louise Fernandez Echazabal
01/17/21

Louise Fernandez Echazabal
Architect License #A00044292
Consultant

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ELEMENTS State License #AAC02541

WACHOVIA

ALTON ROAD BRANCH
1801 ALTON ROAD
MIAMI BEACH, FLORIDA

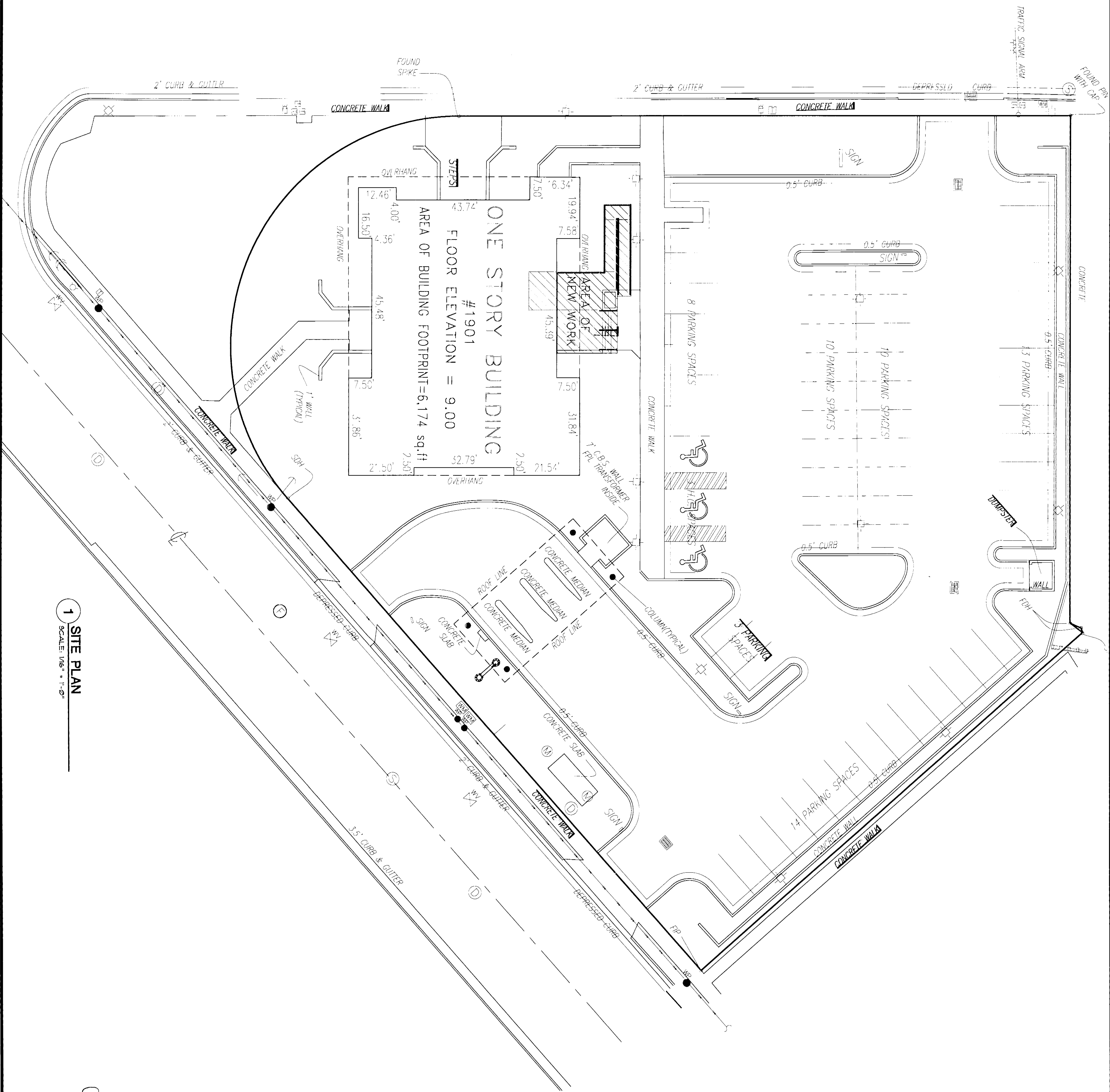
Drawing No. 0101 9/27/21

AO.1

01-080

Drawing Title/Scale/Drawn by LFE
SITE PLAN

SCALE: 1/16" = 1'-0"



1 SITE PLAN
SCALE: 1/16" = 1'-0"

Notes:

Revisions:

A. 12/15/07 - BUILDING DEPT COMMENTS

Seal:

12/15/07

Louise Fernandez Edmonds
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WACHOVIA

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ALTON ROAD BRANCH
1801 ALTON ROAD
MIAMI BEACH, FLORIDA
Drawing No/Dates 8-17-07

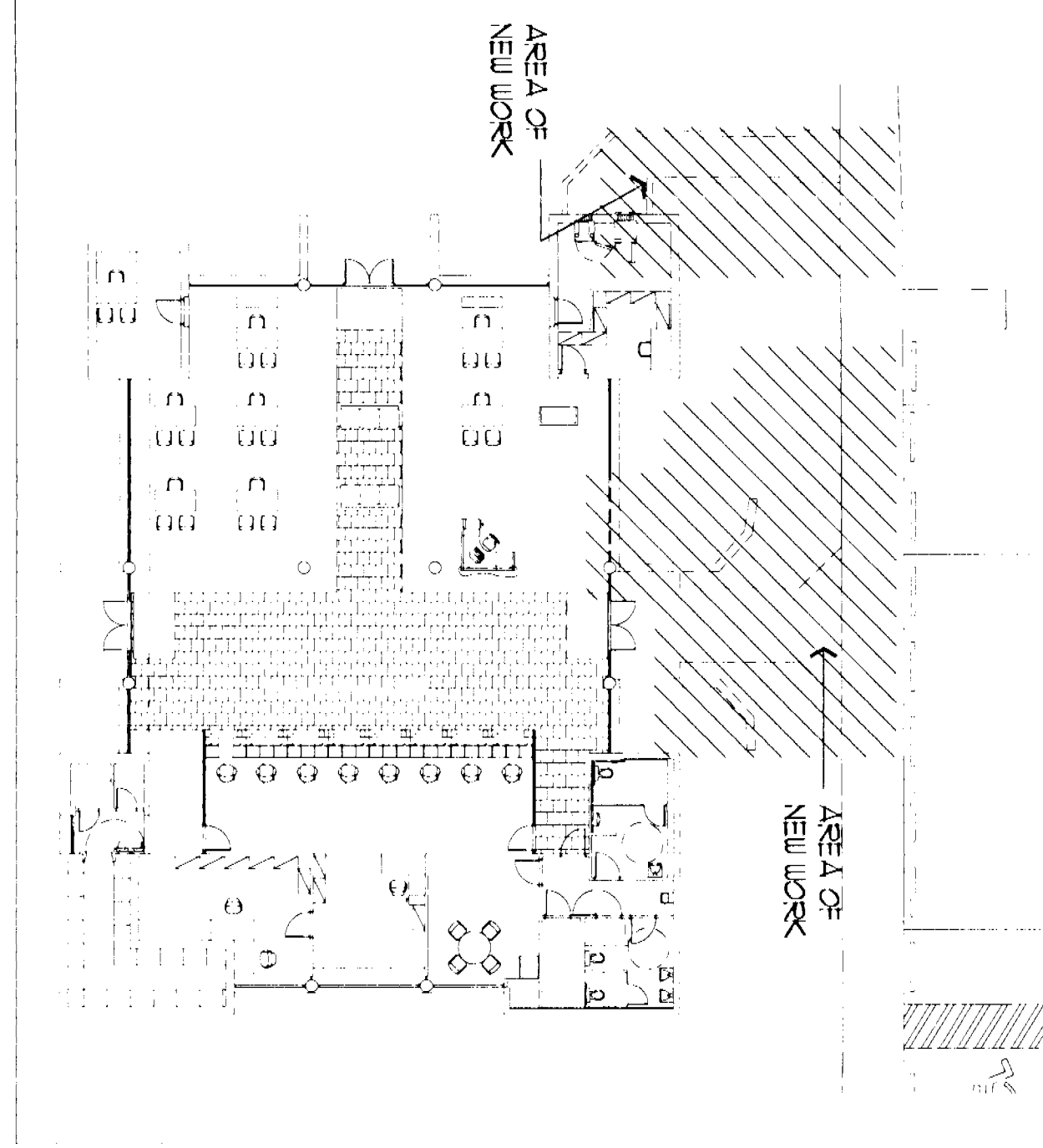
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01-0380
Drawing Title/Scale/Drawn by BDL
DEMOLITION PLAN

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

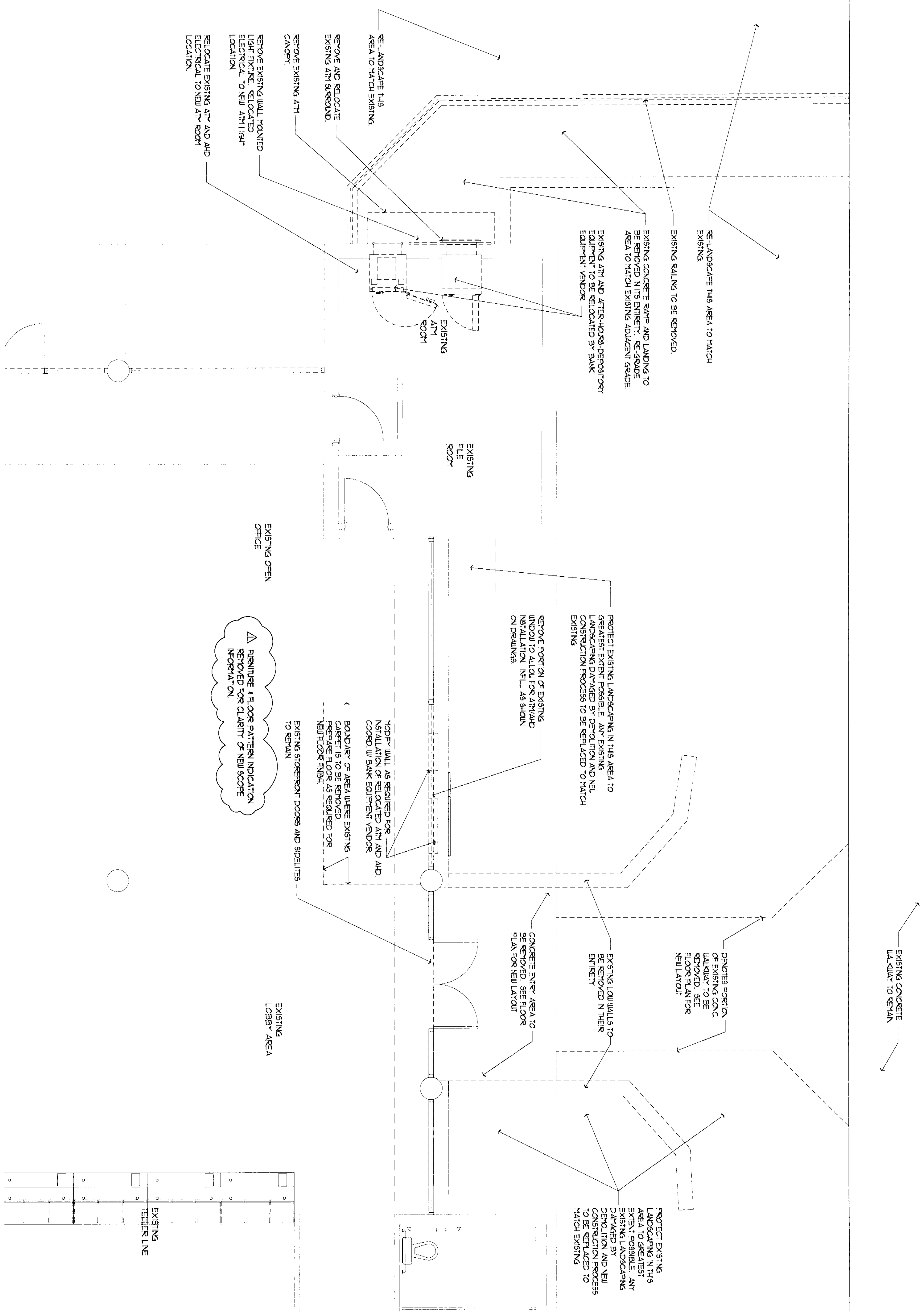
DEMOLITION NOTES

- THE GENERAL CONTRACTOR IS RESPONSIBLE TO REPAIR OR REPLACE EXISTING FINISHES THAT ARE DAMAGED BY DEMOLITION AND/OR UNSUITABLE FOR NEW FINISHES.
- REMOVE EXISTING BASE AT ALL FLOOR AREAS SCHEDULED TO RECEIVE NEW FLOOR FINISH ONLY.
- REMOVE ALL EXISTING CARPETING AND UNDERLAYMENT WHERE NEW FLOOR FINISH IS INDICATED. CONTRACTOR SHALL REPAIR AND PREPARE EXISTING FLOOR SLAB AS REQUIRED FOR INSTALLATION OF NEW FLOOR FINISH AT NO ADDITIONAL COST.
- THE GENERAL CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL ITEMS OF NEW WORK WITH THE EXISTING BUILDING CONDITIONS. IF NECESSARY REMOVE AND RELOCATE ANY ITEMS THAT PREVENT THE PROPER INSTALLATION OF NEW WORK AS REQUIRED BY THESE DOCUMENTS. ADVISE ARCHITECT OF ALL CONFLICTS PRIOR TO RELOCATION OF ANY ITEMS.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT ALL EXISTING FINISHES REQUIRED TO REMAIN. EXISTING FINISHES SHALL BE PROTECTED BY A REPAIRABLE FINISH DURING DEMOLITION. IF NECESSARY, CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR OR REPLACE EXISTING FINISHES DAMAGED BECAUSE OF DEMOLITION. SHALL BE REPLACED TO MATCH EXISTING ITEM.
- THE OWNER SHALL BE PROVIDED WITH FIRST RIGHT OF REPAIR FOR ALL SALVAGEABLE MATERIALS SUCH AS BANK EQUIPMENT, DOORS AND WINDOW GLAZING, PIPING, FIXTURES ETC.
- THE REMOVAL OF ANY EXISTING MISCELLANEOUS BANKING EQUIPMENT NOT CALLED OUT IN THESE DOCUMENTS SHALL BE VERIFIED AND COORD WITH OWNER.
- PROTECT SITE 9 TO BE LEFT BROOD CLEAN AT ALL TIMES.
- GENERAL CONTRACTOR TO BE RESPONSIBLE TO COORDINATE THE PROPER REMOVAL OF ALL INSULATED POWER DATA, ELEC. AND ALL BANK EQUIPMENT BACK TO PANEL BOX COORDINATE WITH ALL BANK EQUIPMENT VENDORS, DATA ELEC. CONTRACTORS AND SECURITY VENDORS.
- REMOVE ALL EXISTING ACCESSORY THE CEILING (GRID) ASSOCIATED SUPPORTS ANY MISCELLANEOUS CEILING HANGERS (E.G. WHERE NEW CEILING HAS BEEN SET).
- REMOVE ALL LIGHT FIXTURES N CEILING TO BE DEMOLISHED. DISPOSE OF FIXTURES AND LIGHT TUBES OFF SITE AS REQUIRED.
- COORDINATE THE REMOVAL OF ALL PERSONNELS WITH VENDORS.



KEY PLAN

N.T.S.



DEMOLITION PLAN

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

Notes:

Revisions:

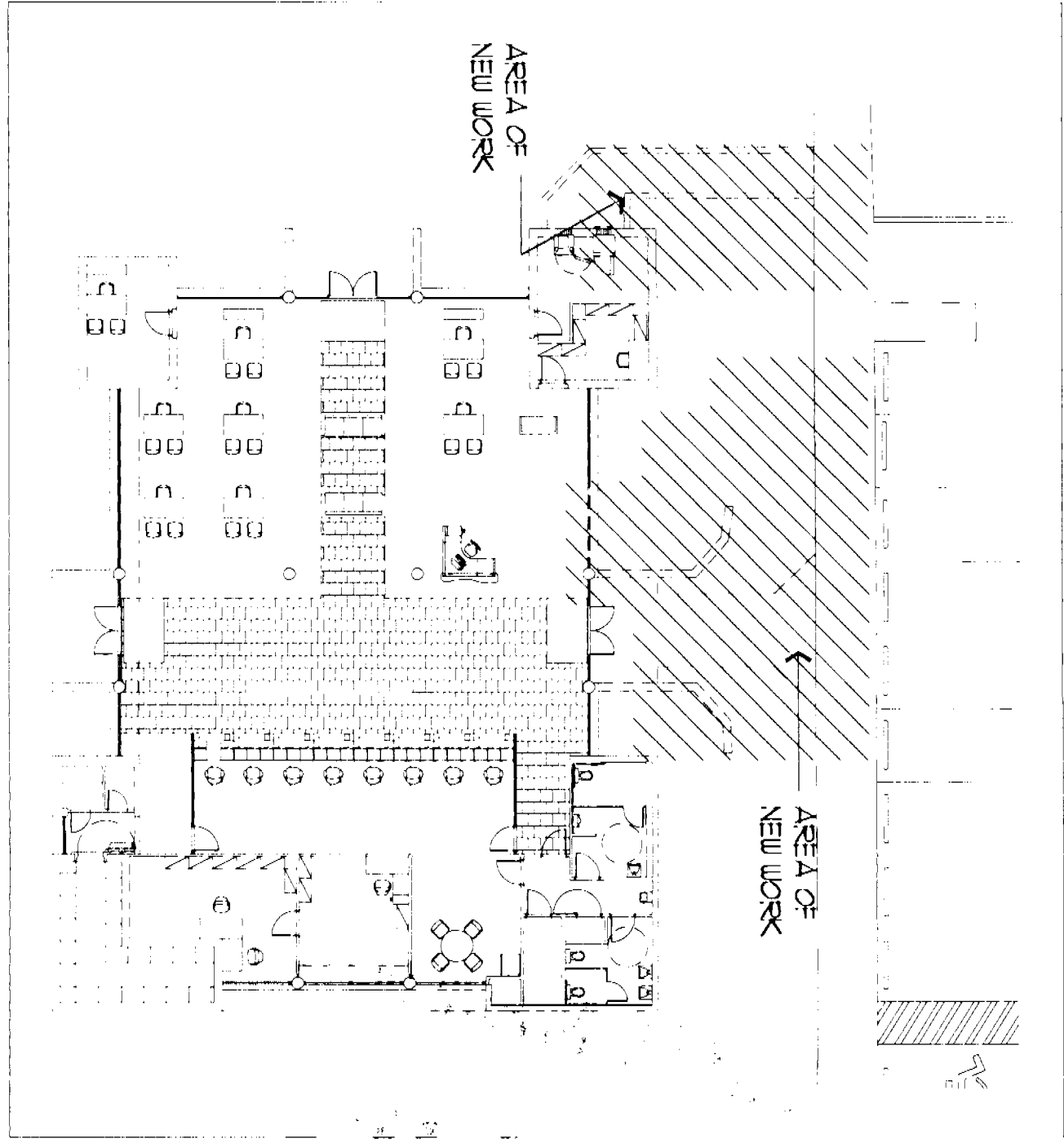
Seal:

Louise Fernandez Eschmied
Architect License #A0004424
CONSULTANTS

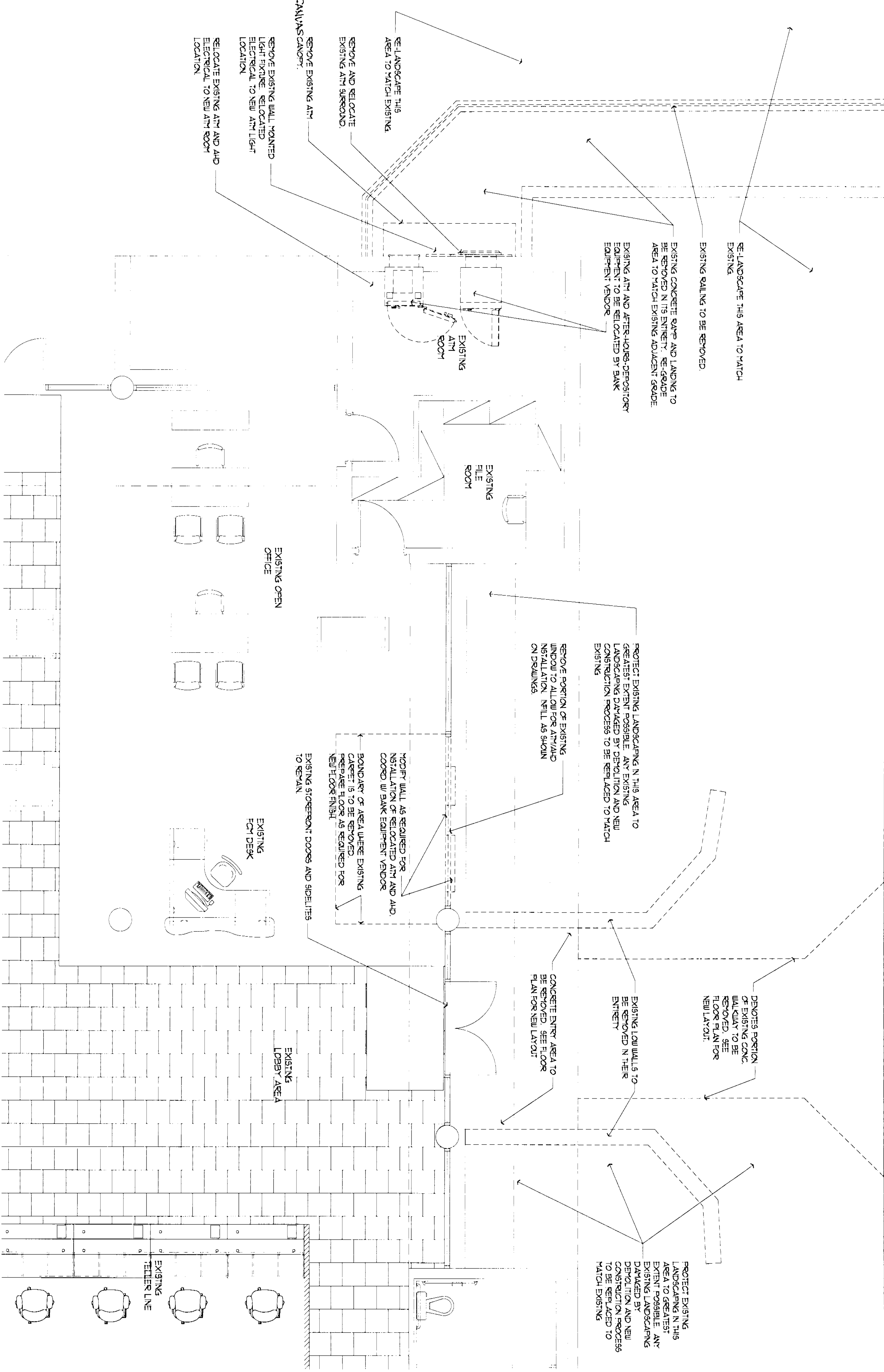
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9/17/07

DEMOLITION NOTES

- THE GENERAL CONTRACTOR IS RESPONSIBLE TO REPAIR OR REPLACE EXISTING FINISHES THAT ARE DAMAGED BY DEMOLITION AND/OR UNAVAILABLE FOR RE-INSTALLATION.
- REMOVE EXISTING BASE AT ALL FLOOR AREAS SCHEDULED TO RECEIVE NEW FLOOR FINISHES.
- REMOVE ALL EXISTING CARPETING AND UNDERLAYMENT WHERE NEW FLOOR FINISH IS INDICATED. CONTRACTOR SHALL REPAIR AND PREPARE EXISTING FLOOR SLAB AS REQUIRED FOR INSTALLATION OF NEW FLOOR FINISH AT NO ADDITIONAL COST.
- THE GENERAL CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL ITEMS OF NEW WORK WITH THE EXISTING BUILDING CONDITIONS. IT IS NECESSARY TO REMOVE AND RELOCATE ANY ITEMS TO PREVENT THE EXISTING INSTALLATION FROM BEING DAMAGED BY THE NEW WORK. ADVISE ARCHITECT OF ALL CONFLICTS PRIOR TO RELOCATION OF ANY ITEM.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT ALL EXISTING FINISHES INDICATED TO REMAIN. EXISTING ITEMS OR FINISHES THAT ARE DAMAGED ARE TO BE REPAIRED OR REPLACED AT NO ADDITIONAL COST TO OWNER. ALL EXISTING FINISHES DAMAGED BECAUSE OF DEMOLITION SHALL BE REPLACED TO MATCH EXISTING ITEM.
- THE OWNER SHALL BE PROVIDED WITH FIRST RIGHT OF REPAIR FOR ALL SALVAGEABLE MATERIALS SUCH AS BANK EQUIPMENT, DOORS AND HARDWARE, GLAZING, FLUING FIXTURES ETC.
- THE REMOVAL OF ANY EXISTING MISCELLANEOUS BANKING EQUIPMENT NOT CALLED OUT IN THESE DOCUMENTS SHALL BE VERIFIED AND COORD. WITH OWNER.
- PROTECT SITE IS TO BE LEFT BROUGHT CLEAN AT ALL TIMES.
- GENERAL CONTRACTOR TO BE RESPONSIBLE TO COORDINATE THE PROPER REMOVAL OF ALL USED POWER DATA ELEC. AND ALL BANK EQUIPMENT BACK TO PANEL BOX COORDINATE WITH ALL BANK EQUIPMENT VENDORS, DATA ELEC. CONTRACTORS AND SECURITY VENDORS.
- REMOVE OF ALL EXISTING ACoustICAL TIE CEILING LEAD. ASSOCIATED SUPPORTS ANY MISCELLANEOUS CEILING MOUNTED ITEMS WHERE NEW CEILING ARE SPECIFIED.
- REMOVE ALL LIGHT FIXTURES IN CEILING TO BE DEMOLISHED. DISPOSE OF FIXTURES AND LIGHT TUBES OFF SITE AS REQUIRED.
- COORDINATE THE REMOVAL OF ALL FINISHES WITH INDOOR.



KEY PLAN
N.T.S.



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

WACHOVIA

ALTON ROAD BRANCH
801 ALTON ROAD
MIAMI BEACH, FLORIDA

Drawing No. 080 9-17-07

A1.0

01-080

Demolition Plan
Demolition Plan
Demolition Plan

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

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Notes:

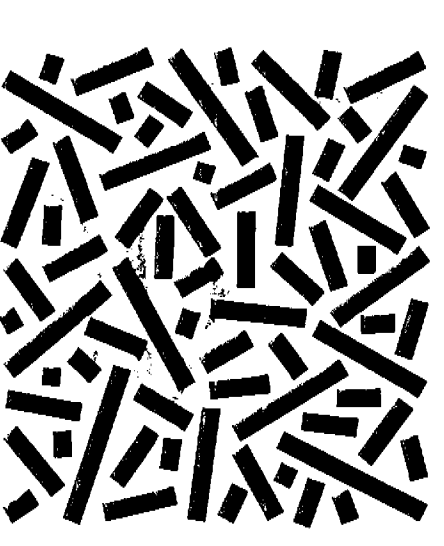
Revisions:

Seal:

WALL TYPE LEGEND	
SYMBOL	DESCRIPTION
	NEW MASONRY STUD WALLS (SEE WALL TYPE FOR ADDITIONAL INFORMATION)
	NEW CMU WALL AT EXISTING OPENINGS
GENERAL NOTES:	
1. DO NOT SCALE DIMENSIONS. DIMENSIONS GOVERN OVER SMALL SCALE.	
2. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT NEW CONSTRUCTION CONFORMS TO ALL APPLICABLE STATE AND NATIONAL CODES INCLUDING ALL STATE LAWS, LOCAL APPLICABLE REQUIREMENTS OF THE STANFORD BUILDING CODE, FLORIDA ACCESSIBILITY GUIDELINES, AND THE AMERICANS WITH DISABILITIES ACT.	
3. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING DIMENSIONS PRIOR TO FABRICATION (TYPICAL).	
4. REMOVE WALL BEHINDS, EXPOSED AS NECESSARY FOR ALL WALL MOUNTED CABINETS, PROVIDE EDITION, AND REPAIRS.	

Handwritten signature
4/17/07

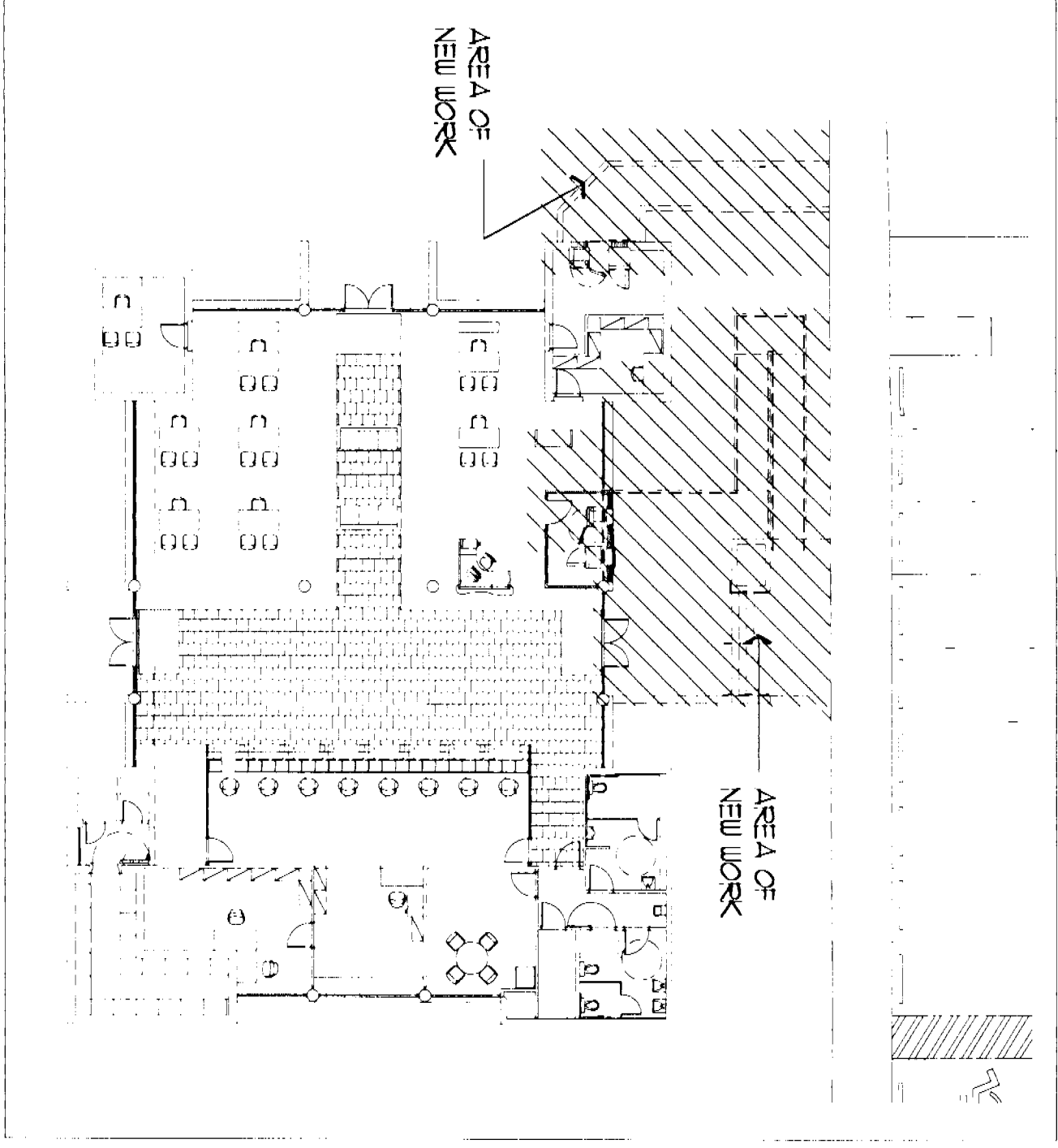
Louise Fernandez, Esq.
Architect License #A00004423
CONSULTANTS:



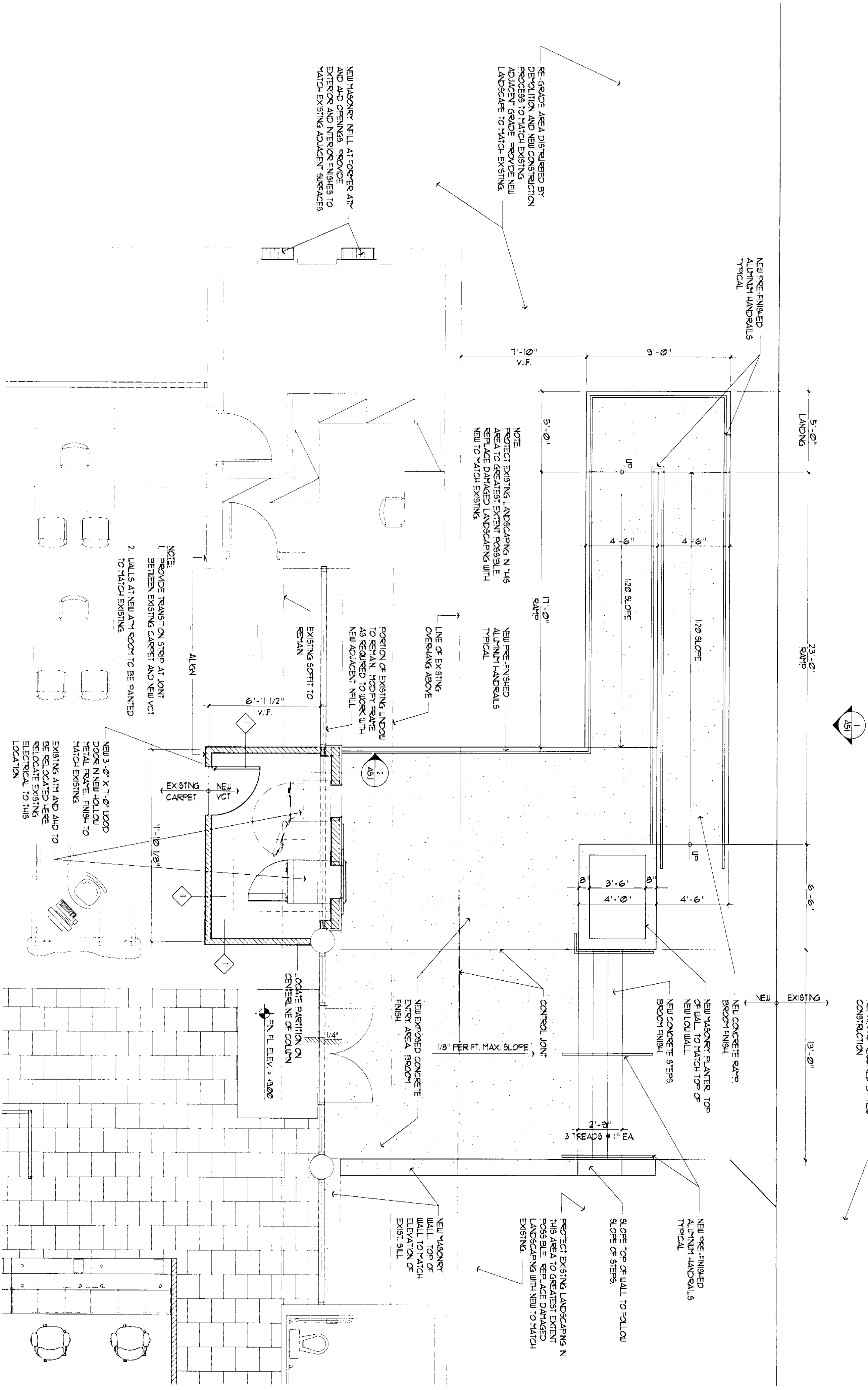
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ELEMENTS State License #A10002347



KEY PLAN
N.T.S.



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

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

01-030
Drawing Title/Scale/Drawn by LFE
FLOOR PLAN

ALTON ROAD BRANCH
1801 ALTON ROAD
MIAMI BEACH, FLORIDA
Drawing No./Date 3/07/07

A14
Wachovia

Revisions:

1/12/07 - BUILDING DEPT COMMENTS

12/13/07

Consultants:



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Drawing No./Date 8-17

Drawing No./Date 8-17-07

A5.1

07-080

SCALE: AS NOTED



SCALE: 1" = 1'-0"

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



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

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



2 VERTICAL SECTION / DETAIL
SCALE: 1/12" = 1'-0"

2 / SCALE: 1-12 = 1-0



3 VERTICAL SECTION / DETAIL

3



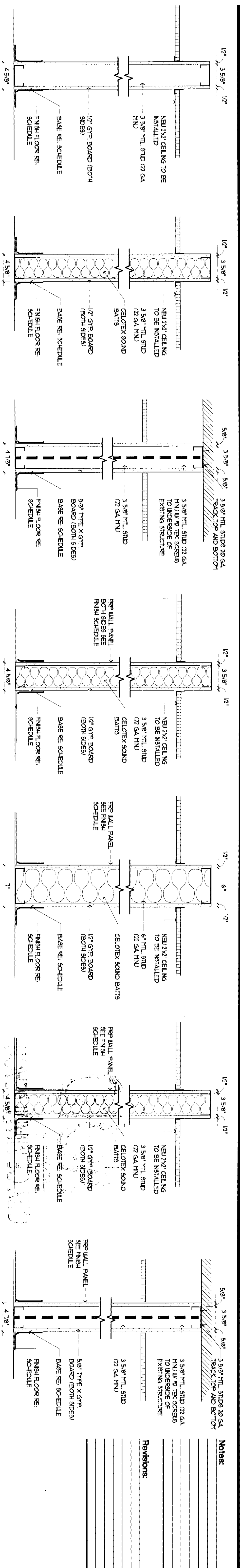
4 HANDRAIL DETAIL
SCALE: 1-1/2" = 1'-0"

4
SCALE: 1/12" = 1'-0"

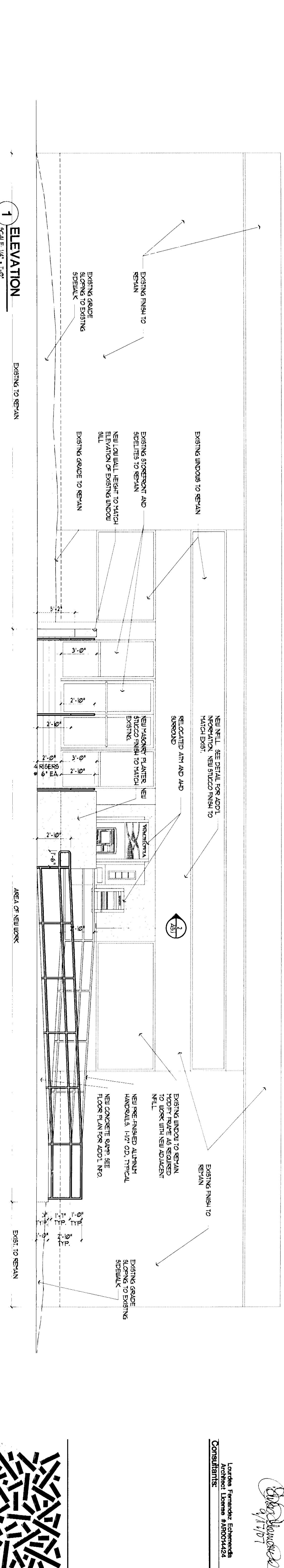


5 NOSING DETAIL
SCALE: 3" = 1'-0"

SCALE: 3" = 1'-2"



1 PARTITION TYPE
2 PARTITION TYPE
3 PARTITION TYPE 1 HOUR RATED UL#465
4 PARTITION TYPE
5 PARTITION TYPE
6 PARTITION TYPE
7 PARTITION TYPE 1 HOUR RATED UL#465



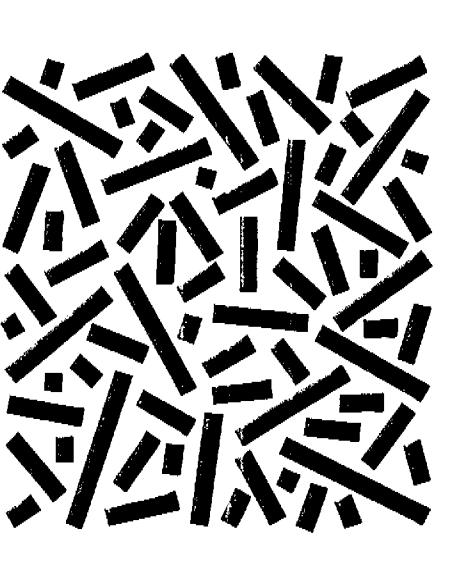
1 ELEVATION
2 VERTICAL SECTION / DETAIL

Notes:

Revisions:

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Architect License #AB0044424
Consultant:

Scale:



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ELEMENTS Stamp License #A00000041

ALTON ROAD BRANCH
1801 ALTON ROAD
MIAMI BEACH, FLORIDA

Drawing No/Date

01-080

Drawing Title/Scale/Drawn by

SCALE: S-3



Professional Engineer
State of Florida
No. 183,286
Exp. 12/31/2024
Larissa Fernandez Espinosa
LFE

6. PRIOR TO ROUGHING OR ORDERING, VERIFY ADEQUATE CLEARANCES FOR DUCTWORK, OTHER WORK, ELECTRICAL CONDUITS AND LIGHTING.

- A. RE-USE EXISTING DUCT MAINS AND PROVIDE NEW CEILING AIR DEVICES AND ASSOCIATED BRANCH DUCTS AS SHOWN. THE EXISTING ROOFTOP AHU EQUIPMENT REMAINS (NO MODIFICATIONS), SINCE WORK CONSISTS ONLY OF AIR DEVICE AND BRANCH DUCTWORK.

- 1) PROVIDE TESTING OF EACH AIR DEVICE IN AFFECTED AREAS BEFORE WORK BEGINS. (FOR RECORD INFORMATION).
- 2) FORWARD THIS PRELIMINARY TEST DATA AND EXISTING DUCT MAIN SIZES TO ARCHITECT TO REVIEW.
- 3) INSTALL NEW DIFFUSERS AND DUCTWORK AND PROVIDE FINAL TAB.

3. PROVIDE ALL NECESSARY FEES AND PERMITS. REVIEW OPERATION OF EACH SYSTEM WITH OWNER'S REPRESENTATIVE. PROVIDE ONE YEAR WARRANTY ON ENTIRE SYSTEM. PROVIDE RECORD DRAWING (CONTRACTOR FURNISHED PRINT). SUBMITTALS: SUBMIT PRODUCT DATA FOR EACH NEW MECHANICAL DEVICE AND TEST AND BALANCE REPORTS WORK IN EXISTING BUILDINGS.

3. **SALVAGE:** RETURN ALL EXISTING NON-REUSED DEVICES TO THE OWNER AS SALVAGE. REMOVE THESE DEVICES AS TRASH, IF SPECIFICALLY AND INDIVIDUALLY ADVISED BY OWNER, AS PART OF BASIC WORK.

- C. CONTINUITY: MAINTAIN HVAC SERVICE TO OTHER AREAS REMAINING IN OPERATION DURING CONSTRUCTION. ADVISE THE OWNER OF ANY INTENDED INTERRUPTION IN SERVICE AT LEAST 24 HOURS BEFORE INTERRUPTION.

- D. EXISTING ITEMS: EXISTING ITEMS WITHOUT WORK ARE SHOWN FOR CLARITY ONLY. NOTE THAT ADDITIONAL EXISTING ITEMS WITHOUT WORK MAY ALSO BE PRESENT.

- 5 ACCESS DOORS: PROVIDE 19 INCH X 18 INCH (MINIMUM) PAINTED ALUMINUM ACCESS DOOR (WITH FLUJ, INCH AND KEY) FOR ACCESS TO VALVES, EQUIPMENT, AND ACCESSORIES IN PLASTER, DRWALL OR UNACCESSIBLE CEILINGS OR IN WALLS. PROVIDE INSULATED ACCESS DOORS (DO NOT SUBSTITUTE PANELS) IN DUCTWORK FOR ACCESS TO DAMPERS AND OTHER OPERATING DEVICES (INCLUDING UPSTREAM OF ELECTRIC RESISTANCE DUCT HEATERS AND AT DUCT MOUNTED SMOKE DETECTORS), GROUP DEVICES AT ON LOCATION, AS AVAILABLE.

- A. DUCTWORK:

- 1) TEST (BY FEEL OR TEMPERATURE CHANGE) EACH DUCTWORK SYSTEM FOR LEAKS (BEFORE INSULATING, RESEAL, AS REQUIRED).
- 2) DUCT DIMENSIONS INDICATE AIR FLOW SIZES.
- 3) ALL CONTRACTORS' OPTION: EQUAL AREA DUCTWORK HAVING A MAXIMUM 4 TO 1 RATIO OF LENGTH TO DUCT DIMENSIONS.
- 4) FLEXIBLE DUCTWORK (USED WHERE REQUIRED) TO SUPPLY AIR OUTLETS.
- 5) THERMAFLEX TYPE M-4E (OR AS APPROVED).
- 6) BRANCH DUCT CONNECTIONS (POSITIVE AND NEGATIVE PRESSURE): ON RECTANGULAR DUCTS, PROVIDE VOLUME EXTRACTORS OR 45 DEGREE ENTRIES; ON CIRCULAR DUCTS, PROVIDE CONICAL TAPS (WITH DAMPERS); PROVIDE THESE CONNECTIONS ON EACH BRANCH DUCT CONNECTION FOR EACH SYSTEM. DO NOT ACCESSORIES "T" CONNECTIONS.
- 7) INSTALL DUCTWORK AND ACCESSORIES IN ACCORDANCE WITH SMACNA HVAC DUCT CONSTRUCTION STANDARDS - METAL AND FLEXIBLE.

- 11 ALL BRANCH TAKE-OFFS TO DIFFUSERS SHALL HAVE BALANCING DAMPERS.

- 12 - 13 NOT USED

- DUCTS, PER THE FBC.

- 15 PROVIDE TWO (2) SETS OF NEW FILTERS FOR AIR HANDLING UNITS, INSTALL ONE SET INITIALLY AND ONE SET UPON COMPLETION OF CONSTRUCTION.

- 16 NOT USED.

- 17 ALL DUCT SIZES ARE ACTUAL SHEET METAL DIMENSIONS.

- | | | | |
|----|---|----|----------|
| 18 | - | 49 | NOT USED |
|----|---|----|----------|

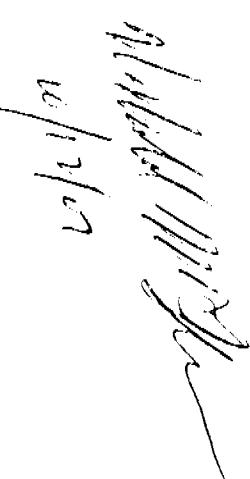
- 50** NEW CEILING DIFFUSER (AUTOMATIC TYPE): ACCUTHERM THERMAFUSER TF-HC, 24 X 24 FACE, 8" NECK, 125 CFM.

- NEW CEILING VENTILATING TRANSFER EXHAUST FAN (7F-1), WITH LINE VOLTAGE COOLING THERMOSTAT CONTROL (SET TO OPERATE AT 80 DEGREES AND WARMER), GREENECK MODEL: SP-A110, 100 CFM AT 0.125" SP, 49W AT 120 V/60. APPROVED EQUAL: COOK, CARNES, BRIEDERT.

- APPROVED EQUAL: COOK, CARNES, BRIEDERT.

- NEW CEILING DIFFUSER, 24 X 24 FACE, 6" NECK, WITHOUT BALANCING DAMPER, MATCH EXISTING DIFFUSER STYLE, TYPE AND APPEARANCE. LOCATE (ALIGN) DIFFUSER IN ROW OF THREE EXISTING DIFFUSERS AND LOCATE BETWEEN END TWO DIFFUSERS.

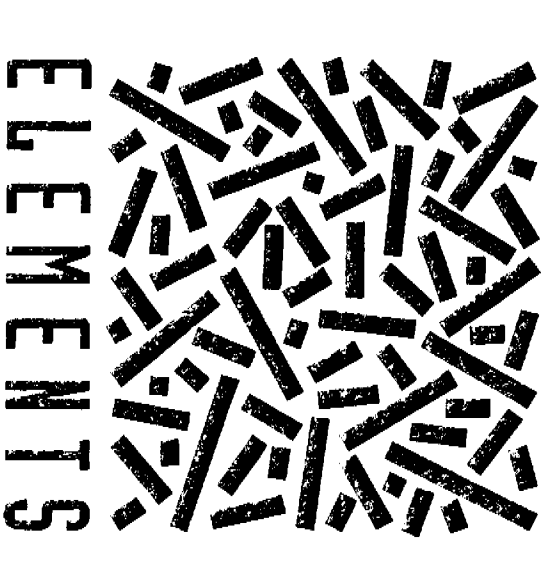
- 53 CONNECTING 8" DUCT TO EXISTING 18" ROUND DUCT AND BALANCING DAMPER IN NEW BRANCH. PRIOR TO WORK, PERSON TAG FOR THE 3 EXISTING DIFFUSERS ALONG THE FRONT GLASS WALL. ADD NEW DUCT AND DIFFUSER AND RE-BALANCE SO THE EXISTING AIRFLOW FROM THE THREE AIR OUTLETS IS MAINTAINED (ORIGINAL DESIGN WAS 675 CFM / 15 NECK FOR EACH OF THREE DIFFUSERS).



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ELEMENTS State Library #AAC0002341



ALTON ROAD BRANCH
1901 ALTON ROAD
MIAMI BEACH, FLORIDA

Drawing No./Date 10/12/07

M-1.0

05-080/07141

MECHANICAL

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

1

Revisions:

[illegible]

Seal:

Seal: _____

ELECTRICAL SYMBOL LEGEND

- | | | |
|-----|----|---|
| | 29 | PROVIDE A #10 NEUTRAL CONDUCTOR FOR ALL MULTIWIRE RECEPTACLE BRANCH CIRCUITS. |
| | 30 | FOR ALL EQUIPMENT RATED 100 AMPS OR LESS, E.G. SHALL PROVIDE TERMINATIONS WHICH ARE LISTED FOR USE AT 75 DEGREES C OR PROVIDE WIRING SIZED USING THE 60 DEGREE C AMPACITY. |
| | 31 | RECEPTACLES ON SEPARATE CIRCUITS SHALL BE RATED 20 AMP, 120 VOLT. |
| | 32 | WIRE AND CABLE SHALL BE COPPER, TYPE THHN/THWN, MINIMUM #12 AWG. |
| | 33 | PANELBOARD DIRECTORIES SHALL BE UPDATED TO REFLECT ALL WORK DONE AS PART OF THIS PROJECT. |
| | 34 | ALL NEW BRANCH CIRCUITS SHALL BE EQUIPPED WITH A MINIMUM #12 AWG GREEN EQUIPMENT GROUND CONDUCTOR. |
| | 35 | CONDUIT RUN UNDERGROUND SHALL BE PVC SCHEDULE 40, ALL BUILDING WIRING SHALL BE RUN IN METALLIC CONDUIT. INTERIOR CONDUIT SHALL BE EMT. EXTERIOR CONDUIT SHALL BE IMC OR RMC. |
| | 36 | FOR IG RECEPTACLES, PROVIDE 2#12 GREEN GROUND WIRES IN BRANCH CIRCUIT BACK TO PANELBOARD. |
| \$ | 37 | - 49 NOT USED. |
| = | 50 | DISCONNECT EXISTING AHJ AND ATIV AT THIS LOCATION. EXTEND EXISTING POWER CIRCUITS TO NEW ATM AND AHJ LOCATIONS (SEE NOTES 51 AND 52). |
| = | 51 | EXTEND NEW POWER FROM EXISTING ATM LOCATION TO THIS NEW LOCATION (USE EXISTING CIRCUIT). SEE NOTE 50 FOR EXISTING LOCATION. |
| ▽ | 52 | PROVIDE JUNCTION BOX 70" AFF FOR AHJ AND POWER. CONNECT TO AND USING FLEXIBLE METALLIC CONDUIT. EXTEND NEW POWER FROM EXISTING AND LOCATION TO THIS NEW LOCATION (USE EXISTING CIRCUIT). SEE NOTE 50 FOR EXISTING LOCATION. |
| (1) | 53 | PROVIDE CONNECTION (USE FLEXIBLE CONDUIT) FOR MECHANICAL FAN (WITH PLUG-IN MOTOR USED AS DISCONNECT). CONNECT TO LOCAL LIGHTING CIRCUIT AHEAD OF SWITCHING. |
| | 54 | DISCONNECT AND REMOVE (TWO) 2 X 4 RECESSED FLUORESCENT LIGHTING FIXTURES THIS AREA. RELOCATE ONE LIGHTING FIXTURE TO NEW ATM / AND ROOM AS INDICATED. CONNECT TO EXISTING LOCAL LIGHTING CIRCUIT (A-4) AHEAD OF SWITCHING. CLEAN AND RELAMP EXISTING FIXTURE BEING USED. |
| | 55 | CONNECT TO CIRCUIT IN EXISTING PANEL A INDICATED. 1 |
| | 56 | CONNECT TO EXISTING 120 VAC OUTDOOR LIGHTING CIRCUIT (ADDITIONAL. CONTROLLED BY PHOTOCELL ON PHOTOCELL OFF. COORDINATE EXISTING LIGHTING CONTRACTOR CIRCUIT. |
| | 57 | CONNECT TO EXISTING 120 VAC OUTDOOR LIGHTING CIRCUIT (ADDITIONAL. CONTROLLED BY PHOTOCELL ON PHOTOCELL OFF. COORDINATE EXISTING LIGHTING CONTRACTOR CIRCUIT. |
| | 58 | - 09 NOT USED. |
| | 59 | PROVIDE ATIV TRANSACTION CAMERA. PROVIDE 4 X 4 BOX WITH SINGLE GANG PLASTER RING MOUNTED 60" AFF ON THE RIGHT SIDE OF THE ATIV VIEWED FROM THE REAR. PROVIDE 3/4" CONDUIT TO ABOVE CEILING. CONNECT TO EXISTING SECURITY SYSTEM. COORDINATE WITH EXISTING SECURITY SYSTEM SUPPLIER PRIOR TO ORDERING. |
| | 60 | PROVIDE ATIV MACHINE ALARM. PROVIDE 4 X 4 BOX WITH SINGLE GANG PLASTER RING MOUNTED 12" AFF ON THE RIGHT SIDE OF THE ATIV VIEWED FROM THE REAR. PROVIDE 3/4" CONDUIT TO ABOVE CEILING. CONNECT TO EXISTING SECURITY SYSTEM. COORDINATE WITH EXISTING SECURITY SYSTEM SUPPLIER PRIOR TO ORDERING. |
| | 61 | PROVIDE ATIV SURVEILLANCE CAMERA. COORDINATE MOUNTING WITH EXISTING CONDITIONS. CONNECT TO EXISTING SECURITY SYSTEM. COORDINATE WITH EXISTING SECURITY SYSTEM SUPPLIER PRIOR TO ORDERING. RECONFIRM EXACT LOCATION PRIOR TO ROUGHING. |
| | 62 | PROVIDE AHJ ALARM. PROVIDE 4 X 4 BOX WITH SINGLE GANG PLASTER RING MOUNTED FLUSH WITH WALL CENTERED OVER NIGHT DEPOSITORY CHEST AT 70" AFF. PROVIDE 3/4" CONDUIT TO ABOVE CEILING. CONNECT TO EXISTING SECURITY SYSTEM. COORDINATE WITH EXISTING SECURITY SYSTEM SUPPLIER PRIOR TO ORDERING. |

Notes

HOWEVER, TO PANELBOARD, NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS.
CONDUIT RUN CONCEALED IN WALL OR ABOVE CEILING.

JUNCTION BOX FLUSH MOUNTED UNLESS OTHERWISE SPECIFIED.

RECESSED FLUORESCENT OR HID STEP LIGHT FIXTURE.

RECESSED FLUORESCENT LIGHTING FIXTURE, LETTER INDICATES TYPE.

RECESSED HID OR FLUORESCENT LIGHTING FIXTURE, LETTER INDICATES TYPE.

SIGNAL POLE SWITCH IN FLUSH OUTLET BOX, 48 INCHES ABOVE FINISHED FLOOR, UNLESS HEIGHT IS OTHERWISE NOTED ON PLAN.

125-VOLT, 15A, 3 WIRE DUPLEX RECEPTACLE IN FLUSH OUTLET BOX, 18 INCHES ABOVE FINISHED FLOOR, SEE GENERAL NOTE 31.

125-VOLT, 15A, 3 WIRE DOUBLE DUPLEX RECEPTACLE IN FLUSH OUTLET BOX, 18" ABOVE FINISHED FLOOR, SEE GENERAL NOTE 31.

TELEPHONE/DATA OUTLET, 4" X 4" OUTLET BOX WITH A 1 GANG COVER WITH (1) 3/4" CONDUIT TO 6" ABOVE CEILING

CONNECTION TO FRACTIONAL HORSEPOWER ELECTRIC MOTOR.

Seal:

Consultants:

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 WACHOVIA

ALTON ROAD BRANCH
1801 ALTON ROAD
MIAMI BEACH, FLORIDA

Driving No./Date 10/12/00

E-0.1

07-0801074

Drawing Title/Scale/Drawn by **MEER**
ELECTRICAL
LEGEND, SCHEDULE, NOTES
SCALE: NONE

GENERAL ELECTRICAL NOTES (ALL "E" DRAWINGS):

1. REGULATORY REQUIREMENTS: PROVIDE ALL WORK TO MEET OR EXCEED MINIMUM REGULATORY REQUIREMENTS INCLUDING:
FLORIDA BUILDING CODE, 2004 EDITION WITH 2006 SUPPLEMENT
FLORIDA FIRE PREVENTION CODE, 2004 EDITION
- ADVISE THE PROJECT A/E OF ANY CHANGES IN THE CONTRACT DOCUMENTS THAT MAY BE REQUIRED IN ORDER TO MEET CODE, PRIOR TO WORK (ORDERING, ROUGHING, OR INSTALLATION).
- B. COORDINATION: COORDINATE WITH OTHER WORK FOR AVAILABLE SPACE, SEQUENCE OF INSTALLATION, AND INSTALLATION REQUIREMENTS. PRIOR TO COMMENCING CONSTRUCTION, ADVISE THE PROJECT A/E OF ANY CHANGES IN THE CONTRACT DOCUMENTS THAT MAY BE REQUIRED FOR THE WORK TO BE PERFORMED.
- C. EXISTING FIELD CONDITIONS: THE CONTRACT DOCUMENTS INDICATE THE DESIGN INTENT USING AVAILABLE INFORMATION. THE CONTRACTOR IS TO ADVISE THE PROJECT A/E IF EXISTING CONDITIONS DIFFER FROM THOSE SHOWN. ALSO ADVISE THE PROJECT A/E IF CODE OR SAFETY CONFLICTS EXIST. THE CONTRACTOR IS REQUIRED TO VISIT THE SITE (PRIOR TO THE BID) TO BECOME FAMILIAR WITH CONDITIONS AND INSTALLATION DETAILS THAT WILL AFFECT HIS WORK. CHANGES IN THE CONTRACT SUM AND CONTRACT TIME WILL NOT BE ALLOWED FOR FAILURE TO INVESTIGATE FIELD CONDITIONS. ALL WORK IS NEW, UNLESS NOTED OTHERWISE.
- D. DEVICE LOCATIONS: COORDINATE THE LOCATIONS OF EXISTING LIGHTING FIXTURES, AND OTHER CEILING ITEMS IN THE FIELD. ALSO COORDINATE LOCATIONS OF NEW DEVICES AND OTHER EXISTING WALL ITEMS IN THE FIELD. LOCATE ALL CONDUITS AND WIRING IN FINISHED ROOMS OR SPACES WITHIN CONCEALED LOCATIONS (FURRED CHASES OR SUSPENDED CEILINGS, AS AVAILABLE), UNLESS SPECIFICALLY NOTED OTHERWISE.
- E. SIZES: WHEN A CONDUIT OR CONDUCTOR SIZE IS NOT INDICATED, SIZE THAT CONDUIT OR CONDUCTOR USING THE LARGER ADJACENT UPSTREAM SIZE (IN ACCORDANCE WITH THE NEC), UNLESS A SMALLER SIZE HAS BEEN APPROVED BY THE PROJECT A/E. PROVIDE 1/2" INCH MINIMUM CONDUIT SIZE, UNLESS SPECIFICALLY NOTED OTHERWISE. FOR SIZES NOT INDICATED, CONDUITS SHALL BE SIZED TO FIT THE CONDUIT LOCATIONS IN THE CONTRACT DOCUMENTS (DRAWINGS AND SPECIFICATIONS) FOR INFORMATION.
2. THE ELECTRICAL CONTRACTOR SHALL OBTAIN ALL PERMITS AND PAY SUCH FEES, AS MAY BE NECESSARY FOR INSPECTIONS, TESTS, AND OTHER SERVICES NECESSARY FOR THE COMPLETION OF THIS WORK.
3. CONTRACTOR SHALL VISIT THE SITE AND EXAMINE CONDITIONS OF THE PREMISES AND THE CHARACTER AND EXTENT OF WORK REQUIRED PRIOR TO SUBMISSION OF BIDS. ANY DIFFICULTIES IN COMPARING WITH THE DRAWINGS AND SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT / ENGINEER BEFORE BIDDING.
4. IT IS THE INTENT OF THESE DRAWINGS AND OTHER RELATED DOCUMENTS TO PRODUCE A COMPLETE MATERIAL AND OTHER SERVICES AS MAY BE NECESSARY TO ACHIEVE THIS PRODUCT. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO BRING TO THE ATTENTION OF THE ARCHITECT ANY DISCREPANCIES IN THE PLANS AND SPECIFICATIONS THAT WILL AFFECT THE WORK, PRIOR TO SUBMISSION OF HIS BID PRICE.
5. F. DURING THE COURSE OF THE WORK, THE CONTRACTOR EXPERIENCES A PROBLEM WITH THE PROJECT OR SITE CONDITIONS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT, BRING THE PROBLEM TO THE ATTENTION OF THE ARCHITECT AND / OR THE ENGINEER FOR RESOLUTION PRIOR TO EXECUTION OF THE WORK.
6. ALL MATERIAL SHALL BE NEW AND BEAR THE U.L. LABEL, LISTED APPROVAL FOR ITS INSTALLED APPLICATION.
7. ALL MAJOR COMPONENTS OF THE ELECTRICAL SYSTEMS, SUCH AS SAFETY DISCONNECT SWITCHES AND PANELBOARDS, SHALL BE BY THE SAME MANUFACTURER AND SHALL BE ONE OF THE FOLLOWING: SQUARE "D" COMPANY, GENERAL ELECTRIC, OR CUTLER-HAMMER.
8. CIRCUIT BREAKERS USED FOR SWITCHING OF LIGHTING OR SIGN CIRCUITS SHALL BE APPROVED FOR SWITCHING DUTY AND SHALL BE MARKED "SWO" IN ACCORDANCE WITH N.E.C. ART. 240.83 (D).
9. PROVIDE "LOCKING" TYPE DEVICES ON ALL CIRCUIT BREAKERS CONNECTED TO EMERGENCY AND NIGHT LIGHTING, SIGNS, FIRE ALARM, SECURITY SYSTEMS, AFTER HOUR DEPOSIT AND AUTOMATIC TELLER MACHINES.
10. ALL SWITCHES, DUPLEX RECEPTACLES, AND TELEPHONE OUTLETS TO BE FLUSH MOUNTED, THROUGHOUT.
11. ALL SERVICE EQUIPMENT SHALL BE GROUNDED IN ACCORDANCE WITH N.E.C. ARTICLE 250.
12. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT LOCATIONS OF HVAC EQUIPMENT.
13. SEE REFLECTED CEILING PLAN FOR EXACT LOCATION OF LIGHT FIXTURES.
14. ELECTRICAL PLANS ARE DIAGRAMMATIC. DO NOT SCALE DRAWINGS.
15. CONSULT PLANS OF ALL OTHER TRADES FOR COORDINATION AND FOR RELATED AND ADJOINING WORK.
16. CONSULT ARCHITECTURAL AND STRUCTURAL PLANS AND DETAILS FOR CONSTRUCTION TYPE, HEADROOM, ROOM FINISHES, CEILINGS, ETC.
17. ALL WORK SHALL BE DONE AT SUCH TIMES AND IN SUCH A MANNER AS WILL LEAST INTERFERE WITH THE MAINTENANCE AND OPERATION OF ALL RELATED OR AFFECTED SYSTEMS. ALL POWER OUTAGES SHALL BE COORDINATED WITH OWNER.
18. THE CORRECT NUMBER OF WIRES MAY NOT BE INDICATED FOR ALL CIRCUITS. ONLY THOSE WHERE CLARIFICATION IS NECESSARY. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL WIRES NECESSARY FOR THE PROPER FUNCTION OF THE SYSTEM.
19. ALL EMPTY CONDUIT RUNS IN EXCESS OF 10 FT. SHALL BE PROVIDED WITH A PULL WIRE OR FISH TAPE / CONDU.
20. ALL BRANCH CIRCUIT CONDUCTORS FROM THE PANEL TO THE FIRST OUTLET SHALL BE INCREASED TO THE NEXT LARGER SIZE WHERE THE LENGTH OF THE HOME RUN EXCEEDS 100 FT. ON 120/208V CIRCUITS.
21. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER SIZING OF ALL MOTOR OVERLOAD DEVICES (HEATERS) IN STARTERS BASED ON ACTUAL NAMEPLATE RATINGS ON THE MOTORS BEING INSTALLED.
22. CONTRACTOR SHALL NOTE U.L. LABELS ON PACKAGE TYPE MECHANICAL EQUIPMENT. IF U.L. LABEL ON MECHANICAL EQUIPMENT CALLS FOR THE OVERCURRENT PROTECTIVE DEVICE TO BE FUSES, THE CONTRACTOR SHALL PROVIDE THE CORRECTLY SIZED DISCONNECT SWITCH WITH PROPER SIZE FUSES AT THE SWITCH LOCATION INDICATED ON DRAWINGS.
23. CONTRACTOR SHALL VERIFY WIRE SIZES, C/B AND FUSE RATINGS FOR ALL HVAC EQUIPMENT. AND BRING TO THE ATTENTION OF THE ARCHITECT AND / OR THE ENGINEER ANY DISCREPANCIES AFFECTING THE WORK PRIOR TO PROCEEDING.
24. HORSEPOWER RATINGS INDICATED ON DRAWING MAY DIFFER FROM ACTUAL EQUIPMENT FURNISHED. IF FURNISHED EQUIPMENT DIFFERS FROM RATINGS ON DRAWINGS, CONTRACTOR SHALL NOTIFY ARCHITECT AND / OR THE ENGINEER FOR APPROPRIATE ACTION TO BE TAKEN.
25. PROVIDE APPROVED "MAG" TYPE CIRCUIT BREAKERS FOR ALL HEATING, AIR CONDITIONING, AND REFRIGERATION EQUIPMENT INDICATED FOR CONNECTION ON ELECTRICAL DRAWINGS.
26. ALL DEVICES AND COVER PLATES SHALL BE CONSTRUCTED OF VOIDED NYLON MATERIALS. COLOR OF DEVICES AND WATCHING COVER PLATES SHALL BE AS SELECTED BY THE ARCHITECT.
27. THE CONTRACTOR SHALL GUARANTEE ALL HIS WORK AND MATERIALS FOR A PERIOD OF ONE YEAR AFTER ACCEPTANCE BY OWNER.
28. IT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO COORDINATE SERVICE REQUIREMENTS FOR POWER AND TELEPHONE UTILITIES.

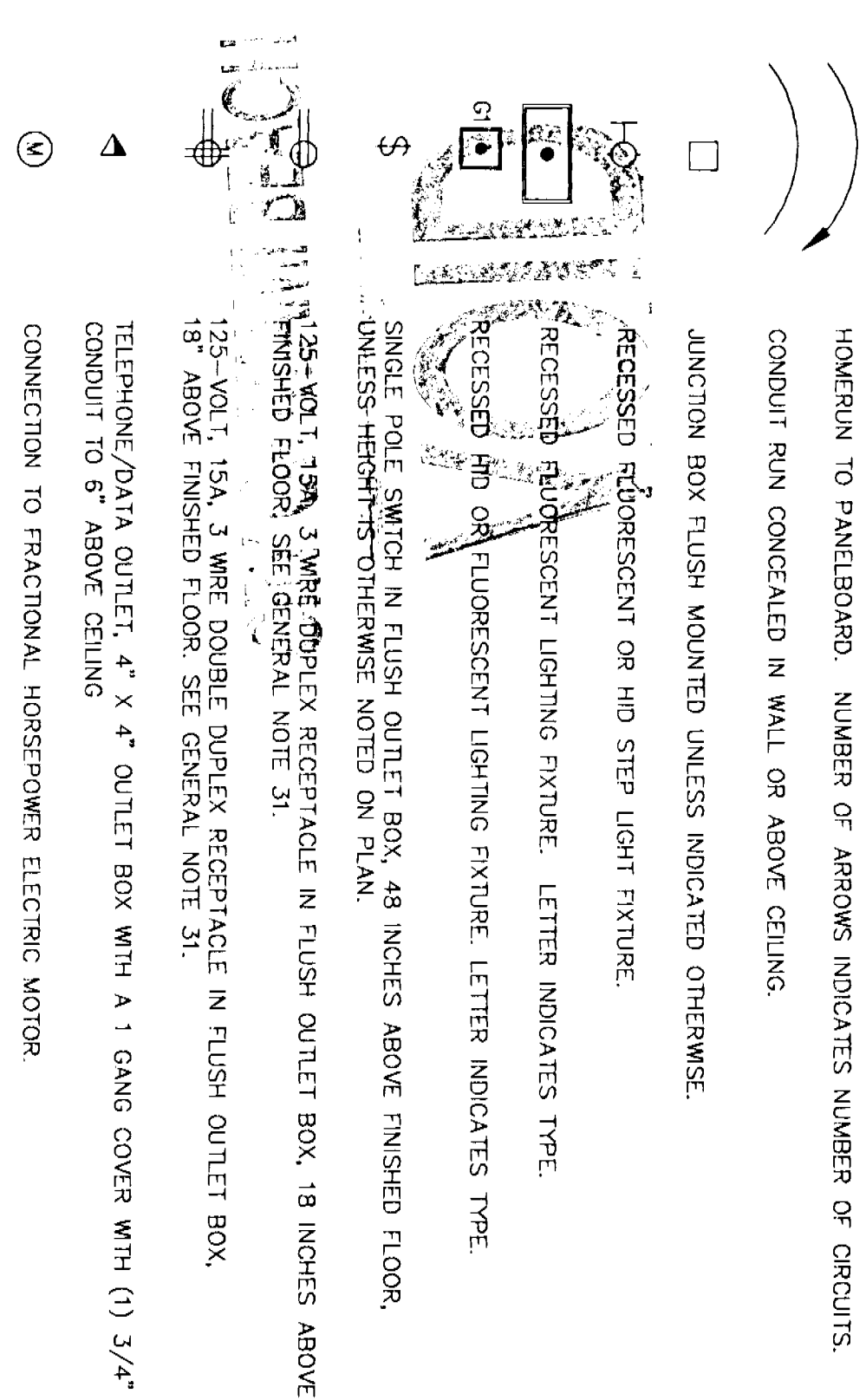
29. PROVIDE A #10 NEUTRAL CONDUCTOR FOR ALL MULTIWIRE RECEPTACLE BRANCH CIRCUITS.
30. FOR ALL EQUIPMENT RATED 100 AMPS OR LESS, E.C. SHALL PROVIDE TERMINATIONS WHICH ARE LISTED FOR USE AT 75 DEGREES C OR PROVIDE WIRING SIZED USING THE 60 DEGREE C AMPACITY.
31. RECEPTACLES ON SEPARATE CIRCUITS SHALL BE RATED 20 AMP, 120 VOLT.
32. WIRE AND CABLE SHALL BE COPPER, TYPE THHN/THWN, MINIMUM #12 AWG.
33. PANELBOARD DIRECTORIES SHALL BE UPDATED TO REFLECT ALL WORK DONE AS PART OF THIS PROJECT.
34. ALL NEW BRANCH CIRCUITS SHALL BE EQUIPPED WITH A MINIMUM #12 AWG GREEN EQUIPMENT GROUND CONDUCTOR.
35. CONDUIT RUN UNDERGROUND SHALL BE PVC SCHEDULE 40. ALL BUILDING WIRING SHALL BE RUN IN METALLIC CONDUIT. INTERIOR CONDUIT SHALL BE EXH. EXTERIOR CONDUIT SHALL BE IMC OR RMC.
36. FOR IG RECEPTACLES, PROVIDE 2#12 GREEN GROUND WIRES IN BRANCH CIRCUIT BACK TO PANELBOARD.
37. - 49. NOT USED.
50. DISCONNECT EXISTING AHD AND AIN AT THIS LOCATION. EXTEND EXISTING POWER CIRCUITS TO NEW AIN AND AHD LOCATIONS (SEE NOTES 51 AND 52).
51. EXTEND NEW POWER FROM EXISTING AIN LOCATION TO THIS NEW LOCATION (USE EXISTING CIRCUIT). SEE NOTE 50 FOR EXISTING LOCATION.
52. PROVIDE JUNCTION BOX 70" AFF FROM AHD POWER. CONNECT TO AND USING FLEXIBLE METALLIC CONDUIT. EXTEND NEW POWER FROM EXISTING AHD LOCATION TO THIS NEW LOCATION (USE EXISTING CIRCUIT). SEE NOTE 50 FOR EXISTING LOCATION.
53. PROVIDE CONNECTION (USE FLEXIBLE CONDUIT) FOR MECHANICAL FAN (WITH PLUG-IN MOTOR USED AS DISCONNECT). CONNECT TO LOCAL LIGHTING CIRCUIT AHEAD OF SWITCHING.
54. DISCONNECT AND REMOVE (TWO) 2 X 4 RECESSED FLUORESCENT LIGHTING FIXTURES THIS AREA. RELOCATE ONE LIGHTING FIXTURE TO NEW AIN / AHD ROOM AS INDICATED. CONNECT TO EXISTING LOCAL LIGHTING CIRCUIT AHEAD OF SWITCHING. CLEAN AND RELAMP EXISTING FIXTURE BEING USED AS DISCONNECT). CONNECT TO EXISTING LOCAL RECEPTACLE CIRCUIT.
55. CONNECT TO EXISTING LOCAL RECEPTACLE CIRCUIT.
56. CONNECT TO EXISTING 120 WAC OUTDOOR LIGHTING CIRCUIT (ADDITIONAL 168 VA). CONNECT AIN LIGHTING TO EXISTING OUTDOOR LIGHTING CIRCUIT CONTROLLED BY PHOTOCELL ON PHOTOCELL OFF. COORDINATE EXISTING LIGHTING CONTRACTOR CIRCUIT.
57. CONNECT TO EXISTING 120 WAC OUTDOOR LIGHTING CIRCUIT (ADDITIONAL 150 VA). CONNECT STEP LIGHTING TO EXISTING OUTDOOR LIGHTING CIRCUIT CONTROLLED BY PHOTOCELL ON PHOTOCELL OFF. COORDINATE EXISTING LIGHTING CONTRACTOR CIRCUIT.
58. - 99. NOT USED.
100. PROVIDE AIN TRANSACTION CAMERA. PROVIDE 4 X 4 BOX WITH SINGLE GANG PLASTER RING MOUNTED 60" AFF ON THE RIGHT SIDE OF THE AIN VIEWED FROM THE REAR. PROVIDE 3/4" CONDUIT TO ABOVE CEILING. CONNECT TO EXISTING SECURITY SYSTEM. COORDINATE WITH EXISTING SECURITY SYSTEM SUPPLIER PRIOR TO ORDERING.
101. PROVIDE AIN MACHINE ALARM. PROVIDE 4 X 4 BOX WITH SINGLE GANG PLASTER RING MOUNTED 12" AFF ON THE RIGHT SIDE OF THE AIN VIEWED FROM THE REAR. PROVIDE 3/4" CONDUIT TO ABOVE CEILING. CONNECT TO EXISTING SECURITY SYSTEM. COORDINATE WITH EXISTING SECURITY SYSTEM SUPPLIER PRIOR TO ORDERING.
102. PROVIDE AIN SURVEILLANCE CAMERA. COORDINATE MOUNTING WITH EXISTING CONDITIONS. CONNECT TO EXISTING SECURITY SYSTEM. COORDINATE WITH EXISTING SECURITY SYSTEM SUPPLIER PRIOR TO ORDERING. RECONFIRM EXACT LOCATION PRIOR TO ROUGHING.
103. PROVIDE AHD ALARM. PROVIDE 4 X 4 BOX WITH SINGLE GANG PLASTER RING MOUNTED FLUSH WITH WALL, CENTERED OVER NIGHT DEPOSITORY CHEST AT 70" AFF. PROVIDE 3/4" CONDUIT TO ABOVE CEILING. CONNECT TO EXISTING SECURITY SYSTEM. COORDINATE WITH EXISTING SECURITY SYSTEM SUPPLIER PRIOR TO ORDERING.

SYMBOL	QTY	TYPE	DESC.	MTG.	FIXTURE	VOLTS	VA	LIGHTING FUTURE SCHEDULE		REMARKS
								WEG.	MODEL	
G1	2	42W TT	ELECTRONIC RECESSED	120	84			SPEC-	AMP1137X-42RT	RECESSED COMPACT FLUORESCENT DOWNLIGHT.
OC	2	131T	ELECTRONIC RECESSED	120	30			120-LLV-LP-D08	4452-A-2/131T- RECESSED STEP LIGHT. U.L. LISTED. MNT LOCATION RATED FOR MOUNTING IN CONCRETE. MOUNT WITH BOTTOM OF FIXTURE 6" ABOVE INDICATED GRADE.	

NO SUBSTITUTIONS. SEE SPECIFICATION SECTIONS 26 51 00 (INTERIOR LIGHTING) AND 26 56 00 (EXTERIOR LIGHTING) FOR ADDITIONAL INFORMATION.

NATIONAL SALES CONTRACT
ALL LIGHTING FIXTURES, PANELBOARDS, DISCONNECTS, CONTACTORS, AND SIMILAR EQUIPMENT SHALL BE PURCHASED THROUGH
WACHOVIA NATIONAL SALES CONTRACT.
CONTACT ERIC SWANN (704-587-4025/ERIC.SWANN@WACHOVIA.COM) OR DEBBIE CALDWELL (704-587-4021/DEBBIE.CALDWELL@WACHOVIA.COM)
AT GE SUPPLY IN CHARLOTTE, NC FOR PRICING.

ELECTRICAL SYMBOL LEGEND



Notes:

Revisions:

Scale:

Handwritten signature and date: 11/12/10

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WACHOVIA

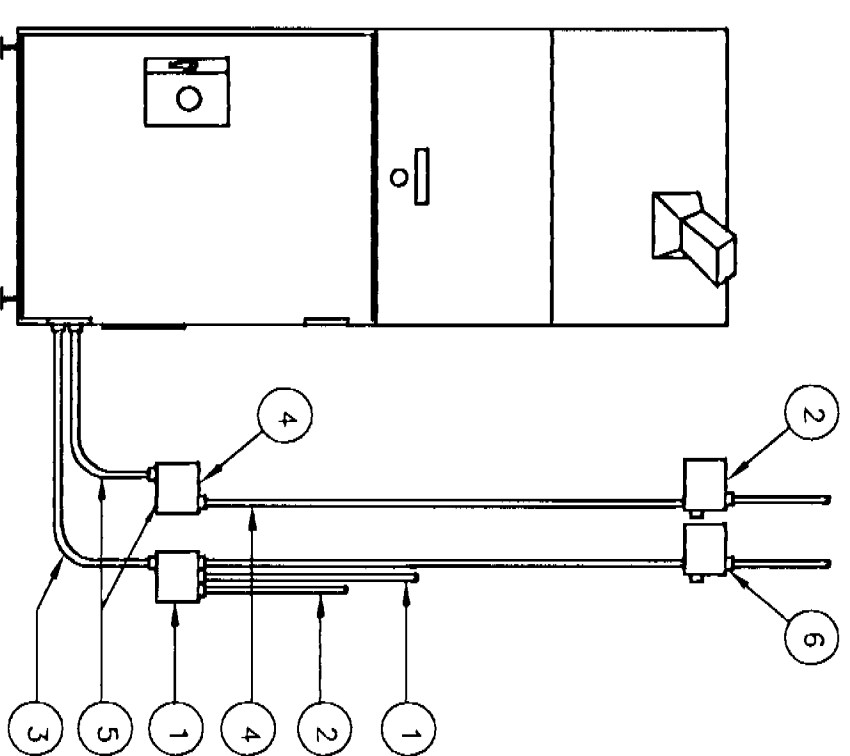
ALTON ROAD BRANCH
1901 ALTON ROAD
MIAMI BEACH, FLORIDA
Drawing Number: 1012107

E-01

01-080107141

Drawn: TMS/SCB/DTM by WEE
ELECTRICAL
LEGEND, SCHEDULE, NOTES
SCALE: NONE

Notes:



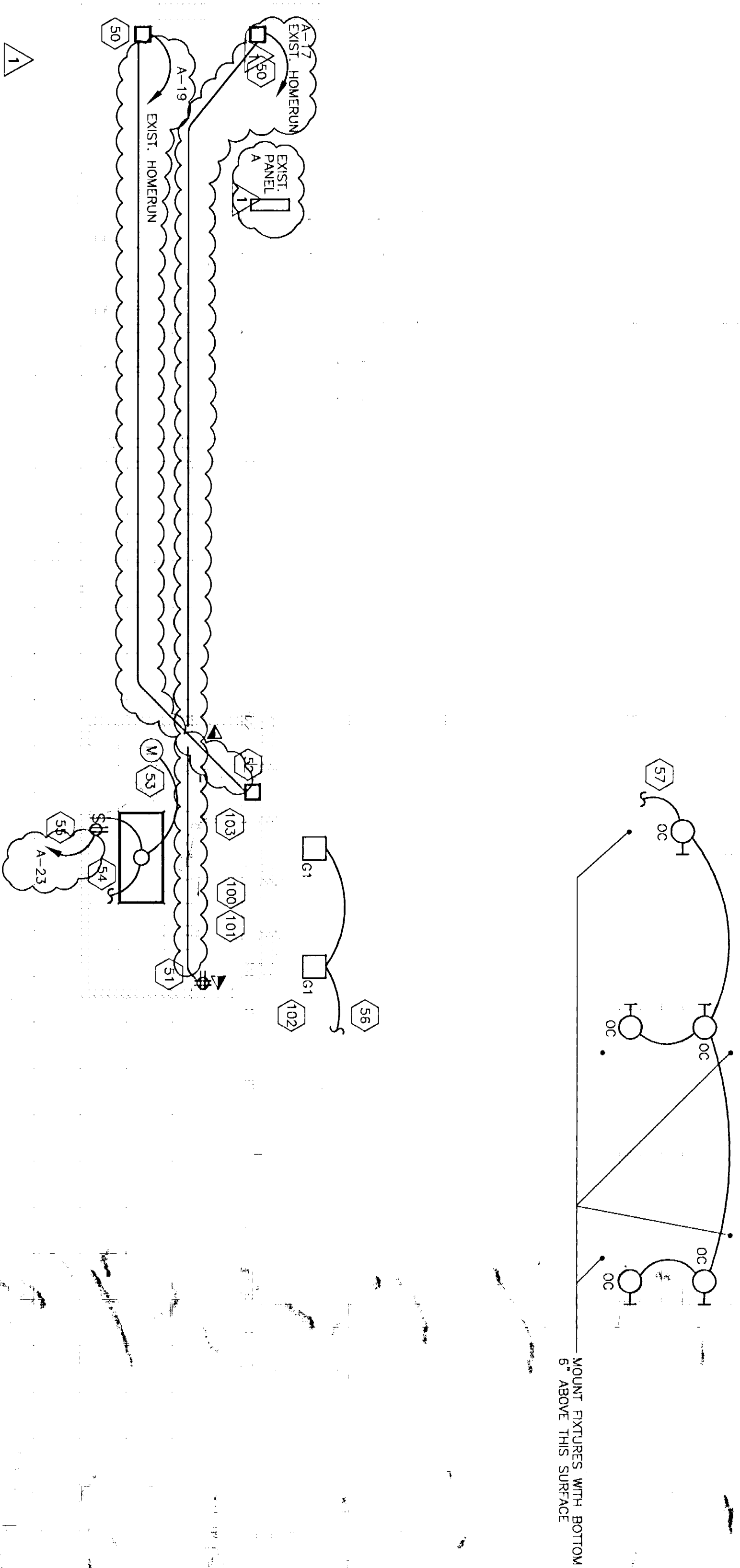
GENERAL NOTES:

1. JUNCTION BOXES MUST BE LOCATED WITHIN 6" OF CONNECTING PLATE. (LENGTH OF ELECTRIC POWER CABLE PROVIDED WITH UNIT) LOCATE TO SUIT BUILDING CONDITIONS
2. BOXES CAN BE FLUSH MOUNTED WITH CONCEALED CONDUIT FOR NEW CONSTRUCTION OR BOXES CAN BE SURFACE MOUNTED WITH EXPOSED CONDUIT FOR EXISTING CONSTRUCTION.

KEY NOTES:

- ① METAL CONDUIT FROM ALARM CONTROL CABINET TO 4"x4"x2 1/8" DEEP JUNCTION BOX (ALL BY ELECTRICAL CONTRACTOR) INTERBIDDED TO PROVIDE FLAT COVER WITH TAMPER SWITCH.
 - ② JUNCTION BOX FOR POWER TO ATM LOGO. PROVIDE FLEXIBLE CONNECTION TO SIGN.
 - ③ E.C. TO RUN 3/4" LIQUID TIGHT FLEX METAL CONDUIT TO CONNECTING PLATE.
 - ④ 3/4" METAL CONDUIT AND ONE UNBIDDABLE ELECTRICAL CIRCUIT TO 4"x4"x2 1/8" DEEP JUNCTION BOX WITH TWO DUPLEX RECEPTACLES WITHIN 6'-0" OF SIDE OR FRONT CONNECTION PLATE.
 - ⑤ BOTTOM CONNECTION MUST BE COMPENSATED ACCORDINGLY, (ALL BY ELECTRICAL CONTRACTOR).
 - ⑥ THE UNIT IS SHIPPED WITH A SIX FOOT CORD AND A STANDARD PLUG.
 - ⑦ 3/4" METAL CONDUIT FROM VIDEO CONTROL CABINET, JB-13 TO 4"x4"x2 1/8" DEEP JUNCTION BOX WITH BLANK COVER.
 - ⑧ MOUNT J-B-BOX 60" AFF. IN ADDITION TO TYPE C CABLE.
 - ⑨ INSTALL TEXT INSERTION* CABLE FURNISHED BY THE SECURITY VENDOR.
- FOR INTERBIDD DESK TOP MODEMS (PRO. NO. 900-49-000-B AND C) AND OTHERS - NO CONDUIT REQUIRED FOR DATA LINE CABLE. MODEM MUST BE INSTALLED WITHIN 42'-0" CABLE RUN OF THE UNIT.
- DATA CABLE MUST BE AT LEAST 2' FROM ANY A.C. POWER CABLE.
- INTERBIDD DESK TOP MODEMS MUST BE WITHIN 6'-0 OF A STANDARD, SINGLE PHASE, THREE-WIRE OUTLET.
- IF EQUIPPED WITH 100-4571 HW LOOP COMMUNICATIONS ADAPTER, ELECTRICAL CONTRACTOR TO PROVIDE CABLES LONG ENOUGH TO ENTER UNIT AND REACH TO ELECTRONICS SECTION MINIMUM 5'-0".

3 ATM ELEVATION



NORTH
ELECTRICAL - PARTIAL FLOOR PLAN

PANEL SCHEDULE									
PANEL: A	LOCATION:	EXISTING	VOLTS: 208Y/120	PHASE: 3	WIRE: 4	HERTZ: 60			
M/BREAKER: MLO	MAIN AC:	----	BRAC: 22,000	ENC:NEMA 1	MTG.: SURFACE				
EXISTING 100 AMP	PANEL, GROUND BAR								
DESCRIP. OF	BRANCH	BREAKER	VA/PHASE	CKT NO.	CKT	DESCRIP. OF			
LOAD SERVED	W	C	A B	1	2	LOAD SERVED			
E ROOM 103	E	20	1 900	3	4	E ROOM 102			
E ROOM 103	E	20	1,000	1,000	5	E ROOM 101			
E ROOM 102	E	20		7	8	E ROOM 101			
E ROOM 102	E	20	1,000	9	10	E ROOM 103			
E ROOM 102	E	20	640	11	12	E ROOM 102			
E ROOM 103	E	20	660	13	14	E ROOM 102			
E SIGN	E	20	800	15	16	E SPACE			
E SIGN	E	20	800	17	18	E EX FAN (FF-2)			
E AHD	E	20	500	19	20	E NIGHT LIGHT			
E AHD	E	20	720	21	22	E EXTERIOR			
E ROOM 102	E	20	180	23	24	E EXTERIOR			
N REC	E	20		25	26	E SPRINKLER CONT.			
E SPARE	E	20		27	28	E PARKING LTS.			
E SPARE	E	20		29	30				
SPACE				31	32	SPACE			
SPACE				33	34	SPACE			
SPACE				35	36	SPACE			
SPACE				37	38	SPACE			
SPACE				39	40	SPACE			
SPACE				41	42	SPACE			

TOTAL VA/PHASE	3,060	3,160	2,340
----------------	-------	-------	-------

NOTES:

1. AIC RATINGS ARE MINIMUM SYMMETRICAL AMOUNTS
- 2 * INDICATES. SIZED TO NEC

5. CONNECTED KVA = 20.410

6. DEMAND KVA = 20.410

AST
ARCHITECTURAL ENGINEERING INCORPORATED
3442 EAST LAKE ROAD, PALM HARBOR, FL 34683
CONSULTING ENGINEERS (727) 784-1472
CERTIFICATE OF AUTHORIZATION: FL 38986

W. RONALD MCILVEEN

FL PE 30270

Consultants

Seal:

Revisions:

	12-12-07	PERMIT COMMENTS
---	----------	-----------------

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Phone (305) 858-5858
Fax (305) 858-5850

ELEMENTS Studio Tampa #MM0000371


WACHOVIA

ALTON ROAD BRANCH
1901 ALTON ROAD
MIAMI BEACH, FLORIDA

E-1.0

07-080/0714
Drawing Title/Scale/Drawn by MEE
ELECTRICAL
PARTIAL FLOOR PLAN
SCALE: 1/4"=1'-0"

1/10/08
1/15/08

8/27/02
 8/28/02
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 12/30/02
 12/31/02

**48 HOURS PRIOR TO EXCAVATING
CONTRACTOR SHALL CALL FOR LOCATION
OF UNDERGROUND UTILITIES
SUNSHINE ONE-CALL 1-800-432-4770
CITY OF MIAMI BEACH 305-672-7084**

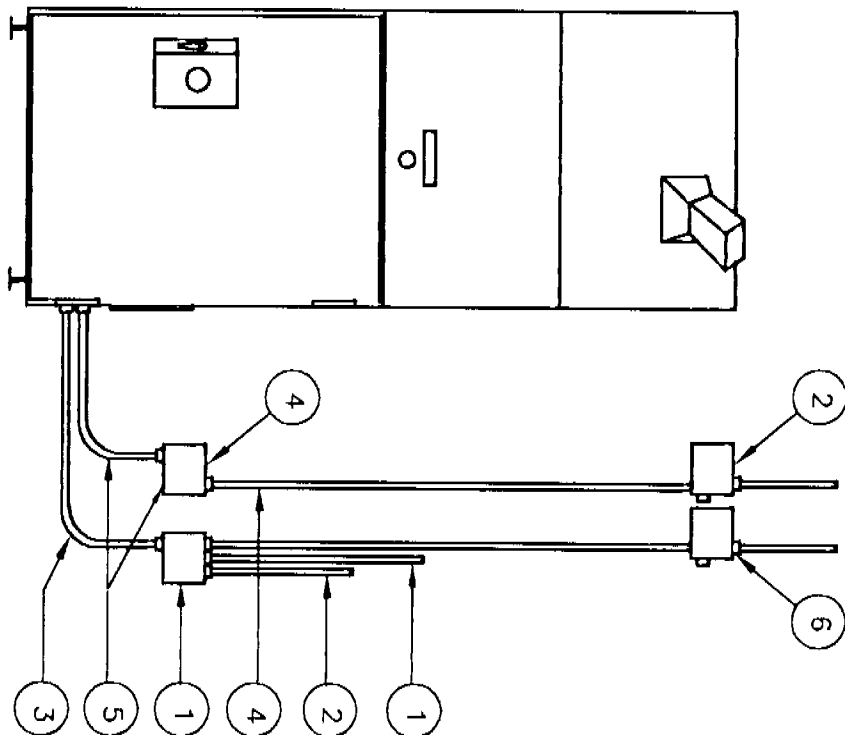
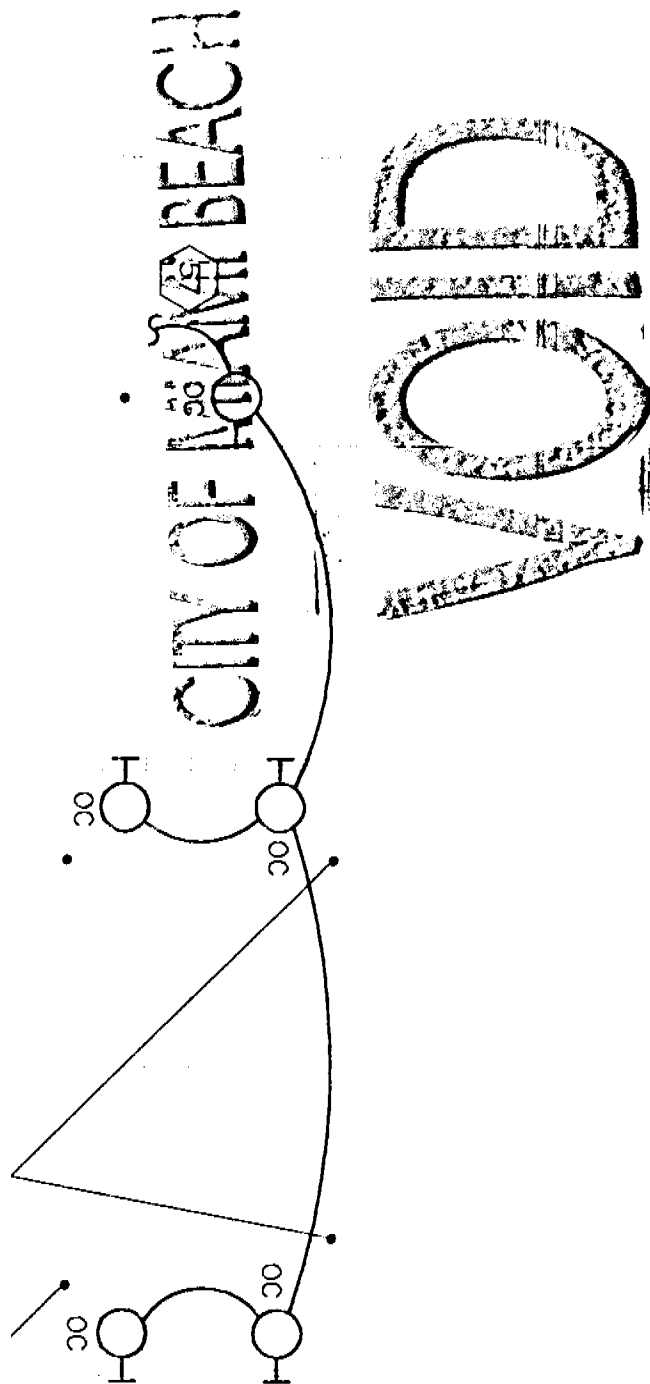
[illegible]

Notes:

Revisions:

Seal:

Mount pictures with bottom
5" above this surface



REAR VIEW

GENERAL NOTES:

1. JUNCTION BOXES MUST BE LOCATED WITHIN 6" OF CONDUIT AND BE PROVIDED WITH ELEC. POWER CABLE PROVIDED WITH UNIT.) LOCATE TO SUIT BUILDING CONDITIONS.
2. BOXES CAN BE FLUSH MOUNTED WITH CONCEALED CONDUIT. UNMOUNTED BOXES CAN BE SURFACE MOUNTED WITH EXPOSED CONDUIT FOR EXISTING CONSTRUCTION.

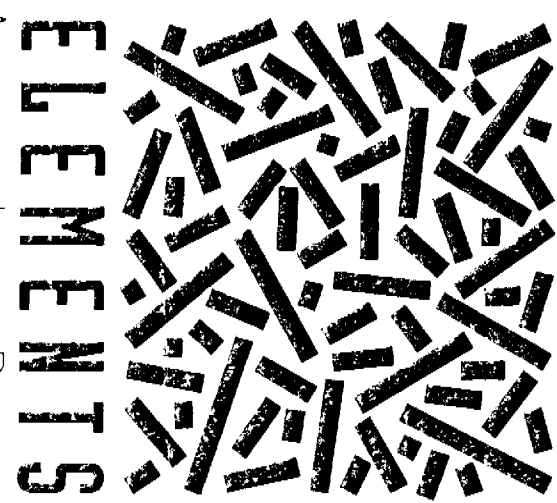
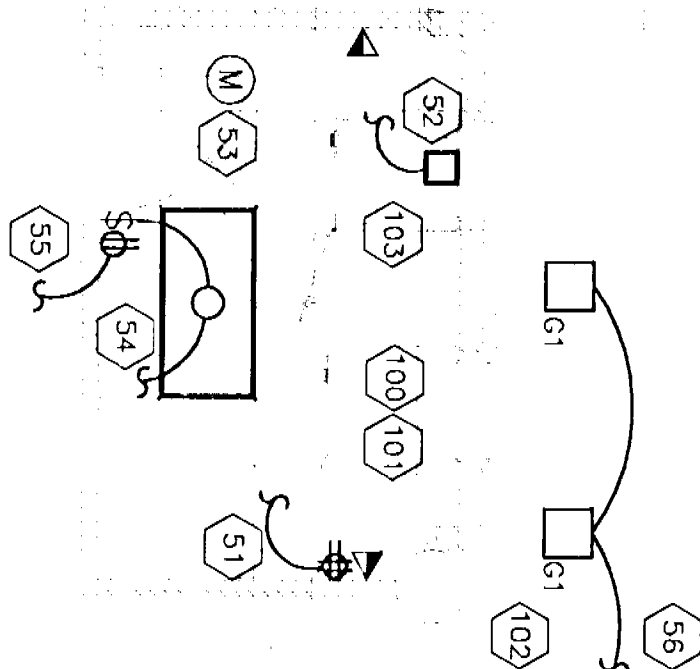
KEY NOTES:

1. 1" METAL CONDUIT FROM ALARM CONTROL CABINET TO 4"x4"x2 1/8" DEEP JUNCTION BOX (ALL BY ELECTRICAL CONTRACTOR) INTERBOLD TO PROVIDE 1-BOX COVER WITH TAPERED SWITCH.
 2. JUNCTION BOX FOR POWER TO ATM LOGO. PROVIDE FLEXIBLE CONNECTION TO SIGN.
 3. E.G. TO RUN 3/4" LIQUID TIGHT FLEX METAL CONDUIT TO CONNECTING PLATE.
 4. 3/4" METAL CONDUIT AND ONE UNSWITCHED ELECTRICAL CIRCUIT WITHIN 6" OF SIDE OR FRONT CONNECTING PLATE. TWO 20A DUPLEX RECEPTACLES WITHIN 6" OF SIDE OR FRONT CONNECTING PLATE. (ALL BY ELECTRICAL CONTRACTOR.)
 5. THE UNIT IS SHIPPED WITH A SIX FOOT CORD AND A STANDARD PLUG.
 6. 3/4" METAL CONDUIT FROM VIDEO CONTROL CABINET, JB-13, TO 4"x4"x2 1/8" DEEP JUNCTION BOX (ALL BY ELECTRICAL CONTRACTOR). INSTALL "TEXT INSERTION" CABLE FURNISHED BY THE SECURITY VENDOR.
- FOR INTERBOLD DESK TOP MODEMS (PRO. NO. 900-49-000-B AND C) AND OTHERS - NO CONDUIT REQUIRED FOR DATA LINE CABLE. MODEM MUST BE INSTALLED WITHIN 42"-0" CABLE RUN OF THE UNIT.
- DATA CABLE MUST BE AT LEAST 2' FROM ANY A.C. POWER CABLE.
- INTERBOLD DESK TOP MODEMS MUST BE WITHIN 6'-0" OF A STANDARD, SINGLE PHASE, THREE-WIRE OUTLET.
- IF EQUIPPED WITH 100-457 IBM LOOP COMMUNICATIONS ADAPTER, ELECTRICAL CONTRACTOR TO PROVIDE CABLES LONG ENOUGH TO ENTER UNIT AND REACH TO ELECTRONICS SECTION MINIMUM 5'-0".

3 ATM ELEVATION
E10 SCALE: NTS

ELECTRICAL - PARTIAL FLOOR PLAN

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



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Miami, Florida 33145
Phone (305) 858-5898
Fax (305) 858-5850



ALTON ROAD BRANCH
1801 ALTON ROAD
MIAMI BEACH, FLORIDA

Drawing by Date 10/12/07

E-10

Drawn by Scale/Drawn by WEE

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

Actor Road Baruch
1901 Actor Road

MIAMI BEACH
Furn # 02 3234 0010030

Process #
30800543

Complete Permit Service
ROBERT AQUILINO
CELLULAR
706-409-5060

1800-4902-3000

P.O. Box 161978
Miami, FL 33116

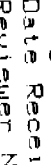
14865 S.W. 164 Terr.
Miami, FL 33187

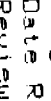
14865 S.W. 164 Terr.
Miami, FL 33187

[illegible]

1904

11/30/01


 Demo Number 2807-1109-1552-0777
 Contact Name PH 205857 SQUILLINO
 Contact Phone (785)482-5058
 Folio 02-3234-001-00-00
 Project Name INTERIOR REMODELLING
 Date Received 11/29/2007
 Reviewer Name MISTEL DE ARQUES


 Dem Number 2807-1109-1552-8777
 Contact Name PH 205857 80ULLINO
 Contact Phone (785)482-5058
 Folio 02-3234-001-00-00
 Project Name INTERIOR REMODELLING
 Date Received 11/29/2007
 Reviewer Name MISTEL DE ARHAYS

RATIONAL ANALYSIS CALCULATIONS
For
Building Department Comments

Project:
Transfer Bridges for
Wachovia, 1901 Alton Road
Miami Beach, Florida

Date: 05-30-2011

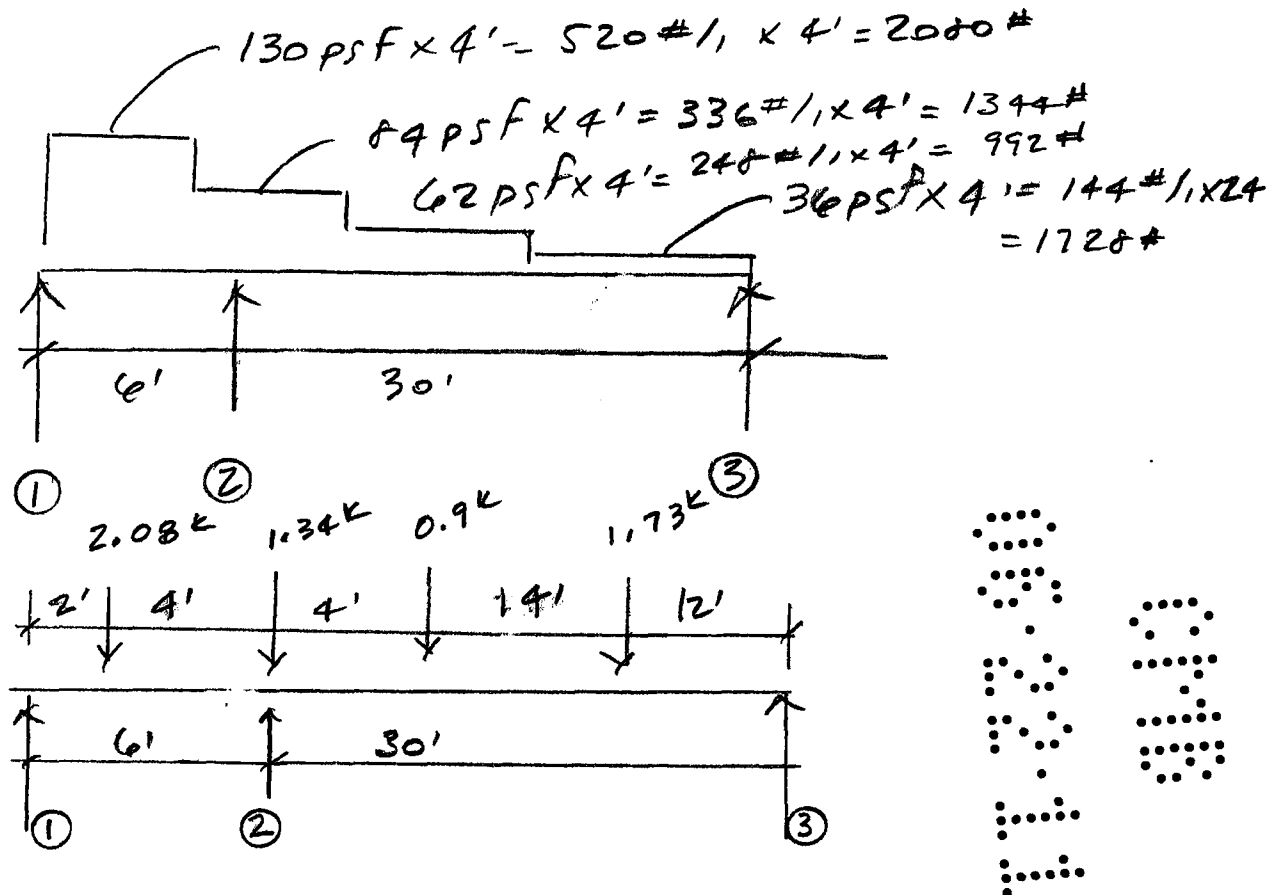
PAGE #1 -3

ALEX KONDRAT & ASSOCIATES, INC.
ALEX KONDRAT P.E. # 58086
C.A. # 00009717
13311 SW 103 TER
MIAMI, FLORIDA 33186

Handwritten:
5/30/11
PAGES 1-3

Alex Kondrat & Associates, Inc.
 Structural Engineers
 P.E. No. 58086, C.A. No. 9717
 Tel: (305) 387-5770 Fax: (305) 387-5769
 Miami, Florida

JOB: WACHOVIA ALTON RD
 SHEET NO. MIAMI BEACH
 CALCULATED BY: AK
 DATE: 5/30/11 1 OF 3
 SCALE: NTS



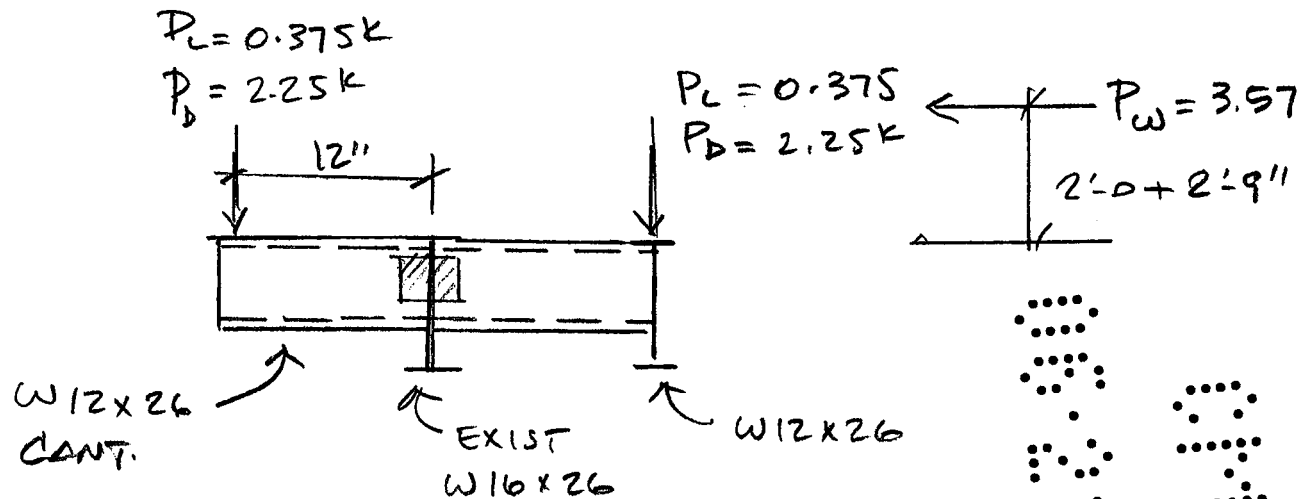
$$\text{REACTION ①} = 2.08 \text{K} \times \frac{4}{6} = 1.39 \text{K}$$

$$\text{REACTION ②} = 2.08 \text{K} \left(\frac{2}{6} \right) + 1.34 \text{K} + \left(1.73 \text{K} (12') + 0.9 \text{K} (28') \right) / 30'$$

$$\text{REACTION ②} = 0.7 \text{K} + 1.34 \text{K} + 1.53 \text{K} = 3.57 \text{K}$$

$$\text{REACTION ③} = 0.9 \text{K} (4') + 1.73 \text{K} (18') / 30 = 1.16 \text{K}$$

5/30/11



$$M_W = 3.57K(4.75') = 17K-1$$

$$M_{D+L} = (2.25 + 0.375)(1'-0) = 2.625K-1$$

$$\Sigma M = 19.6K-1$$

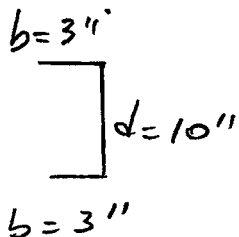
CHECK W12x26 FOR BENDING

$$f_b = \frac{M}{S} = \frac{19.6K-1 \times 12''}{33.4in^3} = 7Ksi \geq F_b = 0.6(36Ksi) = 21.6Ksi \quad (OK)$$

CHECK CONNECTION (SHEAR + BENDING)

$$f = \sqrt{f_v^2 + f_b^2} \quad f_v = \frac{P}{2Lte} = \frac{2.625K}{(2 \times 10 \times 0.176) \times 2} = 373psi$$

$$f_b = \frac{M}{S} = \frac{19.6(12)}{(2)(bd + \frac{d^2}{6})} = \frac{235K-1}{(2)(3 \times 10 + \frac{10^2}{6})} = 2517psi$$



5/30/11

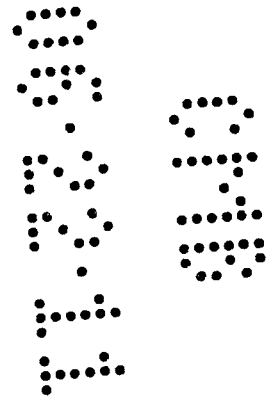
Alex Kondrat & Associates, Inc.
Structural Engineers
P.E. No. 58086, C.A. No. 9717
Tel: (305) 387-5770 Fax: (305) 387-5769
Miami, Florida

JOB: WACHOVIA ALTON RD
SHEET NO. MIAMI BEACH
CALCULATED BY: AK
DATE: 5/30/11 3 OF 3
SCALE: NTS

$$RESULTANT = \sqrt{2517^2 + 373^2} = 2545 \text{ PSI}$$

$$F_{all} = 0.3 F_u = 0.3(70 \text{ KSI}) = 21 \text{ KSI}$$

$$F_{all} = 21 \text{ KSI} \geq 2.5 \text{ KSI} \quad (\text{OK})$$



[Handwritten signature]
5/30/11

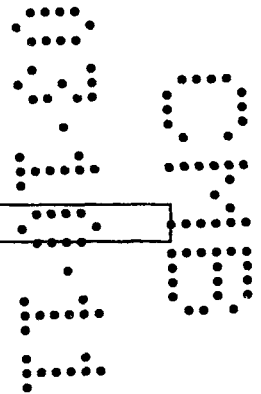
RATIONAL ANALYSIS CALCULATIONS

Project:
Transfer Bridges for
Wachovia, 1901 Alton Road
Miami Beach, Florida

Date: 03-07-2011

PAGE #1 -12

ALEX KONDRAT & ASSOCIATES, INC.
ALEX KONDRAT P.E. # 58086
C.A. # 00009717
13311 SW 103 TER
MIAMI, FLORIDA 33186



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PAGES 1-12
3/7/11

TABLE OF CONTENTS

Project:
Transfer Bridges for
Wachovia, 1901 Alton Road
Miami Beach, Florida

DESCRIPTION

	PAGE #
• Development of wind loads ASCE 7-05.....	1-2
• Steel Girder reactions (Gravity & Uplift).....	3
• Design of Steel Beams (AISC-05).....	4-7
• Design of Steel Connections (welded & bolted).....	8-9
• Design of concrete pad footing.....	10-12

ALEX KONDRAT & ASSOCIATES, INC.
ALEX KONDRAT P.E. # 58086
C.A. # 00009717
13311 SW 103 TER
MIAMI, FLORIDA 33186

1
PAGES 1-12
3/7/11

MECAWind Version 2.0.2.8 per ASCE 7-05

Developed by MECA Enterprises, Inc. Copyright 2011 www.mecaenterprises.com

Date : 3/9/2011 Project No. : CA# 9717
 Company Name : Alex Kondrat & Associates, Inc Designed By : AK PE#58086
 Address : 13311 SW 103 ter Description : Bridge
 City : Miami Customer Name : Wachovia
 State : Florida Proj Location : Alton Road, miami beach
 File Location: C:\Projects\BGA\wachovia alton rd\calcs\WACHOVIA BRIDGE.wnd

User Input Data:

Basic Wind Speed(V)	= 146.00 mph	Structure Type	= Other
Structural Category	= II	Exposure Category	= C
Natural Frequency	= N/A	Flexible Structure	= No
Importance Factor	= 1.00	Kd Directional Factor	= 0.85
Alpha	= 9.50	Zg	= 900.00 ft
At	= 0.11	Bt	= 1.00
Am	= 0.15	Bm	= 0.65
Cc	= 0.20	l	= 500.00 ft
Epsilon	= 0.20	Zmin	= 15.00 ft
B - Horizontal Dim.	= 36.00 ft	Ht- Grade to Top of Sign	= 20.20 ft
W - Sign Depth	= 3.00 ft	S - Vertical Sign Dim.	= 4.00 ft
Bs- Ratio of B / S	= 9.00	Sh- Ratio of S / Ht	= 0.20
E - Solidity Ratio	= 100.00 %		

Main Wind Force Resisting System(MWFRS)

Elev ft	Kz	Kzt	qz psf	W_Pres_Cf (1.84) psf
20.20	0.90	1.00	41.920	65.56
20.00	0.90	1.00	41.833	65.43
10.00	0.85	1.00	39.374	61.58

Note: W_Pres_Cf is Wind Pressure based on Cf(Force Coefficient)

Figure 6-20: Wind Loads for Solid Signs & Freestanding Walls

Case A & Case B

Cf - Force Coefficient	= 1.84
Rd - Reduction Factor $(1-(1-E)^{1.5})$	= 1.00
Kz	= 0.90
Kzt	= 1.00
Qz	= 41.920 psf
Wind Pressure at Elevation 20.2 ft	= 65.564 psf

Notes: 1) Signs with openings comprising < 30% of gross area are considered solid signs

2) Force Coefficients for solid signs with openings shall be multiplied by Rd
 3) Case C only applies when Bs >= 2

Case C

Distance from leading edge ft	Cf Force Coeff.	Kz	Kzt	Qh psf	Wind_Pressure @ Distance psf
From 0 to 4.0	3.65	0.90	1.00	41.92	130.06
From 4.0 to 8.0	2.35	0.90	1.00	41.92	83.74
From 8.0 to 12.0	1.75	0.90	1.00	41.92	62.36
From 12.0 to 36.0	1.00	0.90	1.00	41.92	35.63

RdC - Reduction Factor for Case C (1.8 - S / Ht) = 1.00

Note: When S / Ht > 0.8 then Cf must be multiplied by RdC.

Low Rise Bldg Provisions per Fig. 6-10: MWFRS Transverse Direction

Building Surface	GCpf	+GCpi	-GCpi	qh psf	Min P psf	Max P psf
1	0.4	0.18	-0.18	41.92	9.22	24.31
2	-0.69	0.18	-0.18	41.92	-36.47	-21.38
3	-0.37	0.18	-0.18	41.92	-23.06	-7.96
4	-0.29	0.18	-0.18	41.92	-19.70	-4.61
5	-0.45	0.18	-0.18	41.92	-26.41	-11.32
6	-0.45	0.18	-0.18	41.92	-26.41	-11.32
1E	0.61	0.18	-0.18	41.92	18.03	33.12
2E	-1.07	0.18	-0.18	41.92	-52.40	-37.31
3E	-0.53	0.18	-0.18	41.92	-29.76	-14.67
4E	-0.43	0.18	-0.18	41.92	-25.57	-10.48
1T	*	*	*	*	2.31	6.08
2T	*	*	*	*	-9.12	-5.34
3T	*	*	*	*	-5.76	-1.99
4T	*	*	*	*	-4.93	-1.15

Low Rise Bldg Provisions per Fig. 6-10: MWFRS Longitudinal Direction

Building Surface	GCpf	+GCpi	-GCpi	qh psf	Min P psf	Max P psf
1	0.4	0.18	-0.18	41.92	9.22	24.31
2	-0.69	0.18	-0.18	41.92	-36.47	-21.38
3	-0.37	0.18	-0.18	41.92	-23.06	-7.96
4	-0.29	0.18	-0.18	41.92	-19.70	-4.61
5	-0.45	0.18	-0.18	41.92	-26.41	-11.32
6	-0.45	0.18	-0.18	41.92	-26.41	-11.32
1E	0.61	0.18	-0.18	41.92	18.03	33.12
2E	-1.07	0.18	-0.18	41.92	-52.40	-37.31
3E	-0.53	0.18	-0.18	41.92	-29.76	-14.67
4E	-0.43	0.18	-0.18	41.92	-25.57	-10.48
1T	*	*	*	*	2.31	6.08
2T	*	*	*	*	-9.12	-5.34
3T	*	*	*	*	-5.76	-1.99
4T	*	*	*	*	-4.93	-1.15

WACHOVIA ALTON ROAD

- DERIVE LOADS ON BRIDGE

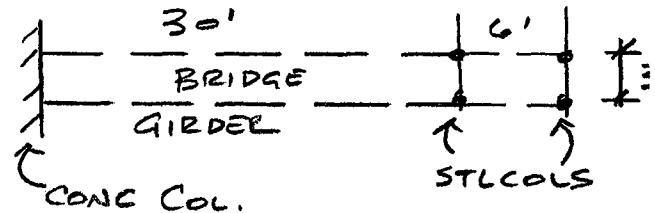
$$\text{GRAVITY} = \text{D.L.} - 15 \text{ psf}$$

$$\text{L.L.} - 30 \text{ psf}$$

LOAD ON EA GIRDER

$$L = 30 \text{ psf} \times 30' / 2 = 45 \text{ PLF}, D = 15 \text{ psf} \times 2 \times 30' / 2 = 45 \text{ PLF}$$

$$\text{WIND} = 65.6 \text{ psf} \times 30' / 2 = 98.4 \text{ PLF}$$



TOP + BOTTOM OF GIRDER

$$10 \text{ psf} \times 2 \times 4' = 80 \text{ PLF}$$

SIDES OF GIRDER

$$\Sigma D = 125 \text{ PLF}$$

$$\Sigma L = 45 \text{ PLF}$$

LOAD @ CONC COLUMN

$$G_D = 125 \text{ PLF} \times 30' / 2 = 1875 \#$$

$$G_L = 45 \text{ PLF} \times 30' / 2 = 675 \#$$

$$U = 98.4 \text{ PLF} \times 30' / 2 = 1476 \#$$

$$G_{D+L} = 2550 \#$$

LOAD @ STEEL COL'S

$$G_D = 125 \text{ psf} \times (30 + 6) / 2 = 2250 \#, G_D = 125 \times 6' / 2 = 375 \#$$

$$U = 98.4 \times (36 / 2) = 1771 \#, U = 98.4 \times 6' / 2 = 295 \#$$

$$G_L = 45 \text{ PLF} (36 / 2) = 810 \#, G_L = 45 \times 6 / 2 = 135 \#$$

$$G_{D+L} = 3060 \#$$

$$G_{D+L} = 510 \#$$

Alex Kondrat & Assoc., Inc.
13311 SW 103 ter
Miami, FL 33186
PE 58086, CA 9717

Title :
Dsgnr:
Project Desc.:

Project Notes :

Job #

Printed: 9 MAR 2011, 12:27AM

Steel Beam

File: C:\Projects\BGA\wachovia alton rd\calcswachovia alton.ec6
ENERCALC, INC. 1983-2011, Ver: 8.2.00, N: 24267

Lic. #: KW-06006846

Licensee: ALEX KONDRAT & ASSOCIATES INC

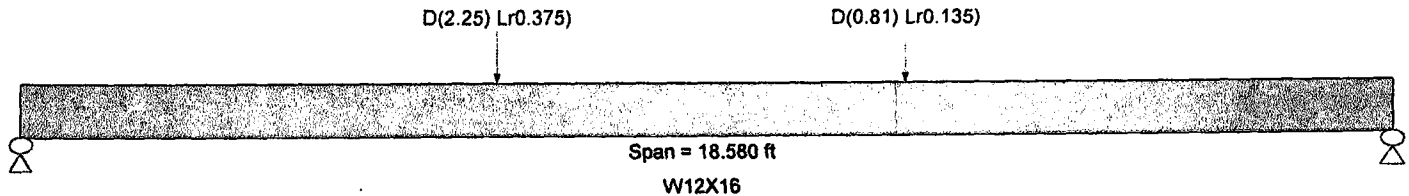
Description: W12X16

Material Properties

Calculations per AISC 360-05, IBC 2009, CBC 2010, ASCE 7-05

Analysis Method: Allowable Stress Design
Beam Bracing: Beam is Fully Braced against lateral-torsion buckling
Bending Axis: Major Axis Bending
Load Combination 2006 IBC & ASCE 7-05

Fy: Steel Yield: 36.0 ksi
E: Modulus: 29,000.0 ksi



Applied Loads

Service loads entered. Load Factors will be applied for calculations.

Beam self weight calculated and added to loads
Load(s) for Span Number 1
Point Load: D = 2.250, Lr = 0.3750 k @ 6.50 ft
Point Load: D = 0.810, Lr = 0.1350 k @ 12.0 ft

DESIGN SUMMARY

Maximum Bending Stress Ratio =	0.385 : 1	Maximum Shear Stress Ratio =	0.058 : 1
Section used for this span	W12X16	Section used for this span	W12X16
Mu : Applied	13.897 k-ft	Vu : Applied	2.190 k
Mn / Omega : Allowable	36.108 k-ft	Vn/Omega : Allowable	68.016 k
Load Combination	+D+Lr+H	Load Combination	+D+Lr+H
Location of maximum on span	6.503ft	Location of maximum on span	0.000 ft
Span # where maximum occurs	Span # 1	Span # where maximum occurs	Span # 1
Maximum Deflection			
Max Downward L+Lr+S Deflection	0.035 in	Ratio =	6362
Max Upward L+Lr+S Deflection	0.000 in	Ratio =	0 < 360
Max Downward Total Deflection	0.260 in	Ratio =	858
Max Upward Total Deflection	0.000 in	Ratio =	0 < 360

Design OK

Maximum Forces & Stresses for Load Combinations

Load Combination	Segment Length	Span #	Max Stress Ratios		Summary of Moment Values							Summary of Shear Values		
			M	V	Mmax +	Mmax -	Ma - Max	Mnx	Mnx/Omega	Cb	Rm	Va Max	Vnx	Vnx/Omega
Overall MAXimum Envelope														
Dsgn. L = 18.58 ft		1	0.385	0.058	13.90		13.90	60.30	36.11	1.00	1.00	2.19	57.02	38.02
+D														
Dsgn. L = 18.58 ft		1	0.332	0.050	12.00		12.00	60.30	36.11	1.00	1.00	1.90	57.02	38.02
+D+Lr+H														
Dsgn. L = 18.58 ft		1	0.385	0.058	13.90		13.90	60.30	36.11	1.00	1.00	2.19	57.02	38.02
+D+0.750Lr+0.750L+H														
Dsgn. L = 18.58 ft		1	0.372	0.056	13.42		13.42	60.30	36.11	1.00	1.00	2.12	57.02	38.02
+D+0.750Lr+0.750L+0.750W+H														
Dsgn. L = 18.58 ft		1	0.372	0.056	13.42		13.42	60.30	36.11	1.00	1.00	2.12	57.02	38.02
+D+0.750Lr+0.750L+0.5250E+H														
Dsgn. L = 18.58 ft		1	0.372	0.056	13.42		13.42	60.30	36.11	1.00	1.00	2.12	57.02	38.02

Overall Maximum Deflections - Unfactored Loads

Load Combination	Span	Max. "Δ" Defl	Location in Span	Load Combination	Max. "Δ" Defl	Location in Span
D+Lr	1	0.2598	9.011		0.0000	0.000

Vertical Reactions - Unfactored

Support notation: Far left is #1

Values in KIPS

Load Combination	Support 1	Support 2
Overall MAXimum	2.190	1.678
D Only	1.899	1.459
Lr Only	0.292	0.218
D+Lr	2.190	1.678

Alex Kondrat & Assoc., Inc.
13311 SW 103 ter
Miami, Fl 33186
PE 58086, CA 9717

Title :
Dsgnr:
Project Desc.:

Project Notes :

Job #

5

Printed: 9 MAR 2011, 12:29AM

Steel Beam

File: C:\Projects\BGA\wachovia alton rd\calcswachovia alton.scd
ENERCALC, INC. 1993-2011, Ver. 6.2.00, 11/24/07

Lic. #: KW-06006846

Licensee: ALEX KONDRAT & ASSOCIATES INC

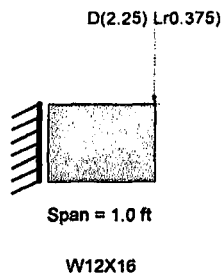
Description: W12X16 CANTILEVER

Material Properties

Analysis Method: Allowable Stress Design
Beam Bracing: Beam is Fully Braced against lateral-torsion buckling
Bending Axis: Major Axis Bending
Load Combination 2006 IBC & ASCE 7-05

Calculations per AISC 360-05, IBC 2009, CBC 2010, ASCE 7-05

Fy: Steel Yield: 36.0 ksi
E: Modulus: 29,000.0 ksi



Applied Loads

Service loads entered. Load Factors will be applied for calculations.

Beam self weight calculated and added to loads
Load(s) for Span Number 1
Point Load: D = 2.250, Lr = 0.3750 k @ 1.0 ft

DESIGN SUMMARY

Maximum Bending Stress Ratio =
Section used for this span
Mu: Applied
Mn / Omega: Allowable
Load Combination
Location of maximum on span
Span # where maximum occurs

0.073 : 1
W12X16
2.633 k-ft
36.108 k-ft
+D+Lr+H
0.000ft
Span # 1

Maximum Shear Stress Ratio =
Section used for this span
Vu: Applied
Vn/Omega: Allowable
Load Combination
Location of maximum on span
Span # where maximum occurs

Maximum Deflection
Max Downward L+Lr+S Deflection
Max Upward L+Lr+S Deflection
Max Downward Total Deflection
Max Upward Total Deflection

0.000 in Ratio = 0 < 360
0.000 in Ratio = 0 < 360
0.001 in Ratio = 47482
0.000 in Ratio = 0 < 360

Design OK
0.069 : 1
W12X16
2.641 k
38.016 k
+D+Lr+H
0.000 ft
Span # 1

Maximum Forces & Stresses for Load Combinations

Load Combination	Segment Length	Span #	Max Stress Ratios		Summary of Moment Values							Summary of Shear Values		
			M	V	Mmax +	Mmax -	Ma - Max	Mnx	Mnx/Omega	Cb	Rm	Va Max	Vnx	Vnx/Omega
Overall MAXimum Envelope														
Dsgn. L = 1.00 ft		1	0.073	0.069		-2.63	2.63	60.30	36.11	1.00	1.00	2.64	57.02	38.02
+D														
Dsgn. L = 1.00 ft		1	0.063	0.060		-2.26	2.26	60.30	36.11	1.00	1.00	2.27	57.02	38.02
+D+Lr+H														
Dsgn. L = 1.00 ft		1	0.073	0.069		-2.63	2.63	60.30	36.11	1.00	1.00	2.64	57.02	38.02
+D+0.750Lr+0.750L+H														
Dsgn. L = 1.00 ft		1	0.070	0.067		-2.54	2.54	60.30	36.11	1.00	1.00	2.55	57.02	38.02
+D+0.750Lr+0.750L+0.750W+H														
Dsgn. L = 1.00 ft		1	0.070	0.067		-2.54	2.54	60.30	36.11	1.00	1.00	2.55	57.02	38.02
+D+0.750Lr+0.750L+0.5250E+H														
Dsgn. L = 1.00 ft		1	0.070	0.067		-2.54	2.54	60.30	36.11	1.00	1.00	2.55	57.02	38.02

Overall Maximum Deflections - Unfactored Loads

Load Combination	Span	Max. "- Defl	Location in Span	Load Combination	Max. "+ Defl	Location in Span
D+Lr	1	0.0005	1.000		0.0000	0.000

Vertical Reactions - Unfactored

Support notation: Far left is #1

Values in KIPS

Load Combination	Support 1	Support 2
Overall MAXimum	2.641	
D Only	2.266	
Lr Only	0.375	
D+Lr	2.641	

Alex Kondrat & Associates, Inc.
Structural Engineers
P.E. No. 58086, C.A. No. 9717
Tel: (305) 387-5770 Fax: (305) 387-5769
Miami, Florida

JOB: Wachovia Alton Road
SHEET NO.
CALCULATED BY: AK
DATE: 3/7/11
SCALE: NTS

6

LOADS ON EXIST W16x26 BEAM

$$\begin{aligned}\text{EXIST ROOF L} &- 30 \text{ psf} \times (11.33/2 + 2.5') = 245 \#/\text{ft} \\ \text{D} &- 15 \text{ psf} \times (11.33/2 + 2.5') = 122 \#/\text{ft}\end{aligned}$$

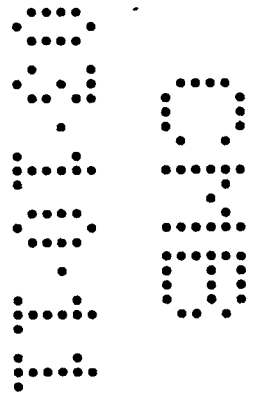
FROM PREVIOUS CALCS

STEEL COLUMN LOADS

$$P_D - 2.25 \text{ K}, P_L - 0.375 \text{ K}$$

$$P_D - 0.81 \text{ K}, P_L - 0.135 \text{ K}$$

(SEE OVERALL ANALYSIS)



Alex Kondrat & Assoc., Inc.
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Title :
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Project Desc.:
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Printed: 9 MAR 2011, 12:28AM

Steel Beam

File: C:\Projects\BGA\wachovia allon rd\wachovia allon.ec6
ENERCALC, INC. 1993-2011, Ver: 6.2.00, N:24267

Lic. #: KW-06006846

Licensee: ALEX KONDRAAT & ASSOCIATES INC

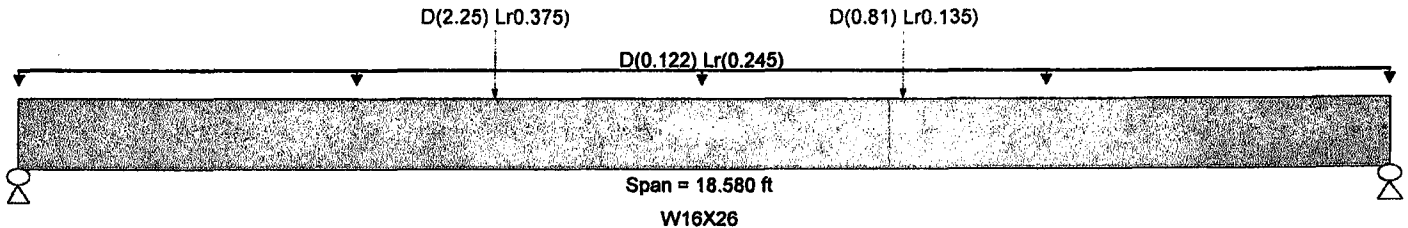
Description: W16x26 EXISTING

Material Properties

Analysis Method: Allowable Stress Design
Beam Bracing: Beam is Fully Braced against lateral-torsion buckling
Bending Axis: Major Axis Bending
Load Combination 2006 IBC & ASCE 7-05

Calculations per AISC 360-05, IBC 2009, CBC 2010, ASCE 7-05

Fy: Steel Yield: 36.0 ksi
E: Modulus: 29,000.0 ksi



Applied Loads

Service loads entered. Load Factors will be applied for calculations.

Beam self weight calculated and added to loads

Load(s) for Span Number 1

Point Load: D = 2.250, Lr = 0.3750 k @ 6.50 ft

Point Load: D = 0.810, Lr = 0.1350 k @ 12.0 ft

Uniform Load: D = 0.1220, Lr = 0.2450 k/ft, Tributary Width = 1.0 ft

DESIGN SUMMARY

Design OK

Maximum Bending Stress Ratio =
Section used for this span
Mu: Applied
Mn / Omega: Allowable

0.366 : 1
W16X26
29.038 k-ft
79.401 k-ft

Maximum Shear Stress Ratio =
Section used for this span
Vu: Applied
Vn / Omega: Allowable

Load Combination
Location of maximum on span
Span # where maximum occurs

+D+Lr+H
7.804 ft
Span # 1

Load Combination
Location of maximum on span
Span # where maximum occurs

0.101 : 1
W16X26
5.694 k
56.520 k
+D+Lr+H
0.000 ft
Span # 1

Maximum Deflection

Max Downward L+Lr+S Deflection
Max Upward L+Lr+S Deflection
Max Downward Total Deflection
Max Upward Total Deflection

0.088 in Ratio = 2538
0.000 in Ratio = 0 < 360
0.206 in Ratio = 1084
0.000 in Ratio = 0 < 360

Maximum Forces & Stresses for Load Combinations

Load Combination	Segment Length	Span #	Max Stress Ratios		Summary of Moment Values							Summary of Shear Values		
			M	V	Mmax +	Mmax -	Ma - Max	Mnx	Mnx/Omega	Cb	Rm	Va Max	Vnx	Vnx/Omega
Overall MAXimum Envelope	Dsgn. L = 18.58 ft	1	0.366	0.101	29.04		29.04	132.60	79.40	1.00	1.00	5.69	84.78	56.52
+D	Dsgn. L = 18.58 ft	1	0.216	0.055	17.19		17.19	132.60	79.40	1.00	1.00	3.13	84.78	56.52
+D+Lr+H	Dsgn. L = 18.58 ft	1	0.366	0.101	29.04		29.04	132.60	79.40	1.00	1.00	5.69	84.78	56.52
+D+0.750Lr+0.750L+H	Dsgn. L = 18.58 ft	1	0.328	0.089	26.02		26.02	132.60	79.40	1.00	1.00	5.05	84.78	56.52
+D+0.750Lr+0.750L+0.750W+H	Dsgn. L = 18.58 ft	1	0.328	0.089	26.02		26.02	132.60	79.40	1.00	1.00	5.05	84.78	56.52
+D+0.750Lr+0.750L+0.5250E+H	Dsgn. L = 18.58 ft	1	0.328	0.089	26.02		26.02	132.60	79.40	1.00	1.00	5.05	84.78	56.52

Overall Maximum Deflections - Unfactored Loads

Load Combination	Span	Max. "-" Defl	Location in Span	Load Combination	Max. "+" Defl	Location in Span
D+Lr	1	0.2056	9.197		0.0000	0.000

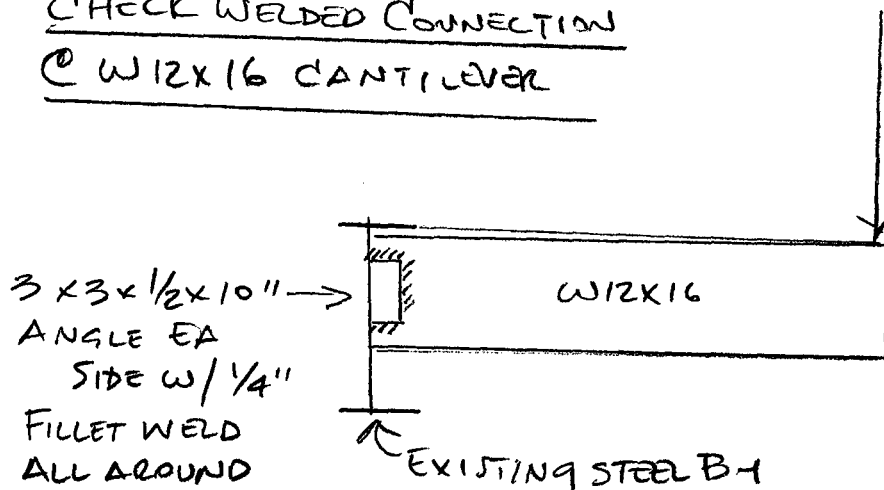
Vertical Reactions - Unfactored

Support notation: Far left is #1

Values in KIPS

Load Combination	Support 1	Support 2
Overall MAXimum	5.694	5.181
D Only	3.126	2.687
Lr Only	2.568	2.494
D+Lr	5.694	5.181

CHECK WELDED CONNECTION
@ W12X16 CANTILEVER



$P_D = 2.25K$
 $P_L = 0.375K$

CHECK SHEAR + BENDING $f = \sqrt{f_v^2 + f_b^2}$

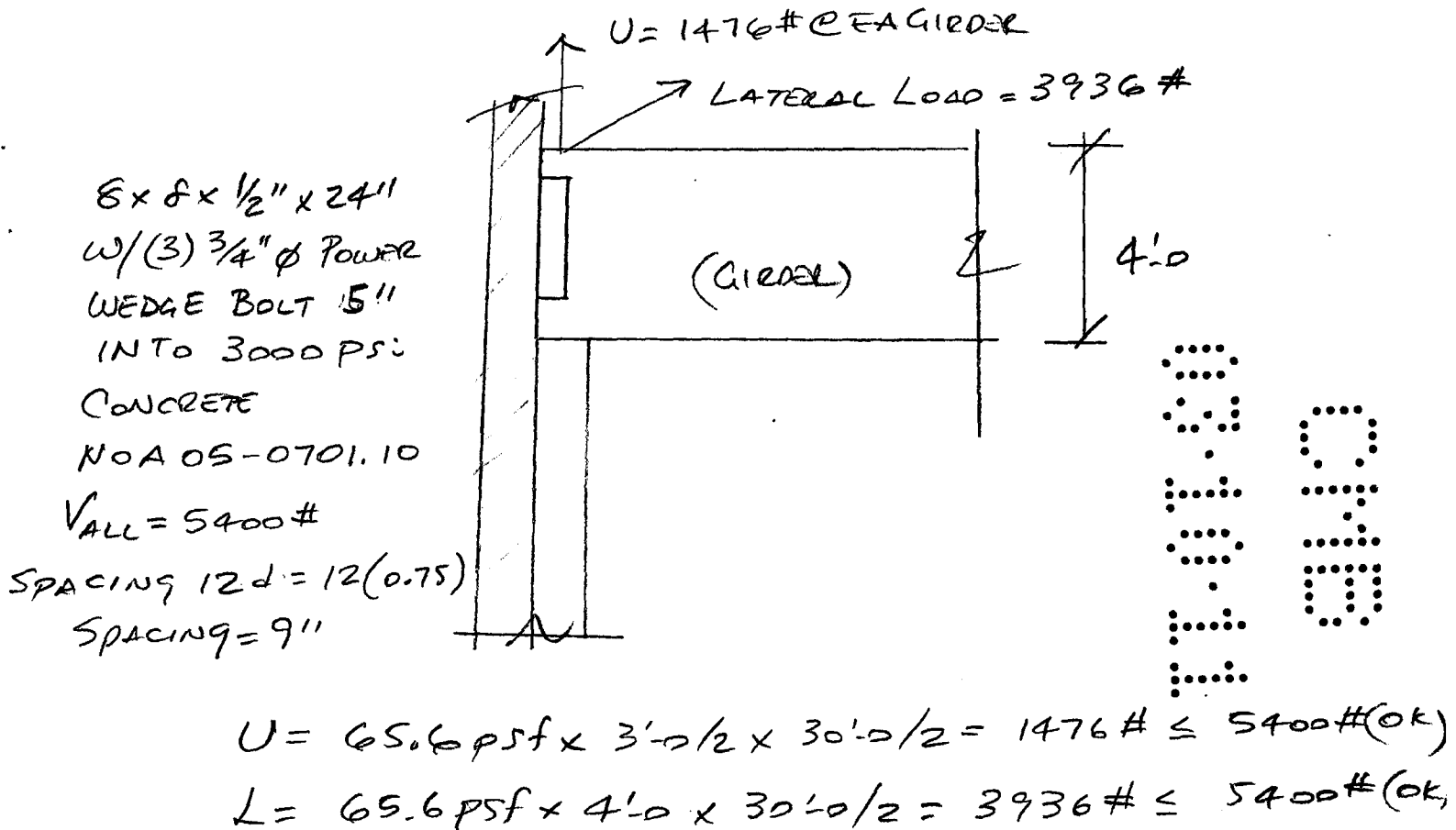
SHEAR STRESS $f_v = \frac{P}{2L t_e} = \frac{2.625K}{(2)(10)(0.176)} = 373 \text{ psi}$
 $t_e = 0.707w = 0.707(1/4) = 0.176 \text{ inch}$

BENDING STRESS $f_b = \frac{M}{S} = \frac{M = 2.625 \times 12 \text{ inch} = 31.5K \text{ inch}}{S = bd + \frac{d^2}{6} = (3)(10) + \frac{(10)^2}{6} \times 2 = 46.67 \times 2 = 93.3 \text{ inch}^2}$
 $f_b = \frac{31.5}{23.3} = 1352 \text{ psi}$
 $93.3 \times 1/4 \text{ inch} = 23.3 \text{ inch}^2$

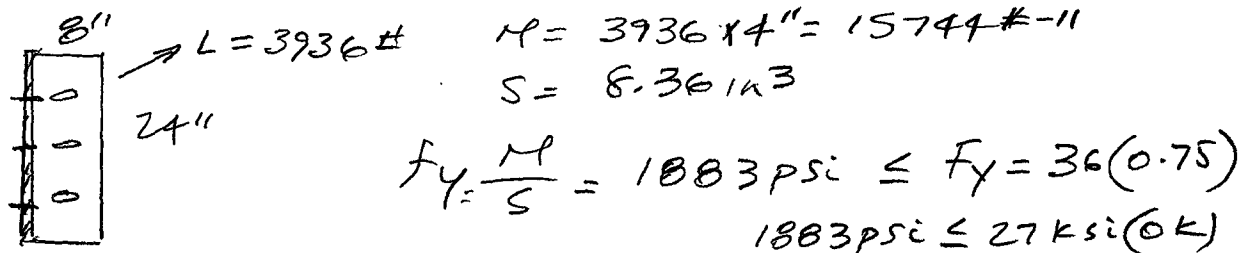
RESULTANT $= \sqrt{373^2 + 1352^2}$ BASED ON UNITY
 $R = 1402 \text{ psi}$

$F_{ALLOWABLE} = 0.3 F_u = 0.3(70K \text{ psi})$
 $F_A = 21K \text{ psi} \geq 1.4K \text{ psi (OK)}$

CHECK UPLIFT CONNECTION (STEEL GIRDER)



CHECK ANGLE FOR BENDING



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 Structural Engineers
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 Miami, Florida

JOB: Wachovia Alton Road
 SHEET NO.
 CALCULATED BY: AK
 DATE: 3/7/11
 SCALE: NTS

10

VERIFY LOAD ON NEW PAD FOOTING

LOAD FROM GIRDER

$$G = 1013 \# \times 2 = 2026 \#$$

DEAD LOAD COL

$$P = 8 \times 4'-6 \times 150 \text{ pcf} \times 11'-8"$$

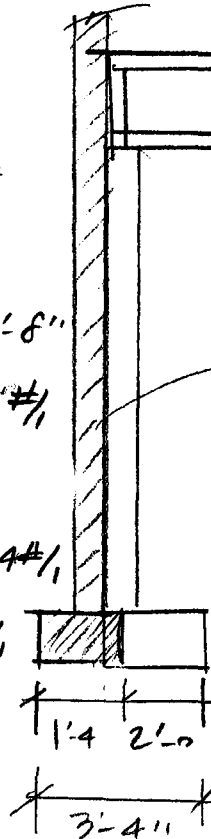
$$P = 5278 \# / 8'-0 = 660 \# /$$

$$\Sigma D = (.33)(2026) / 8'-0 = 84 \# /$$

$$\Sigma D = 660 + 84 = 744 \# /$$

$$\Sigma L = (0.67)(2026) = 1357 \# /$$

$$\Sigma L = 170 \# /$$



EXISTING WALL

$$60 \text{ pcf} \times 20.5' = 1230 \# /$$

EXISTING ROOF

$$\text{LIVE } 30 \text{ psf} \times 83' / 2 = 495 \# /$$

$$\text{DEAD } 25 \text{ psf} \times 83' / 2 = 413 \# /$$

$$\Sigma D = 1643 \# /$$

$$\Sigma L = 495 \# /$$

$$\text{TOTAL LOADINGS} = D - 744 + 1643 = 2387 \# /$$

$$L - 170 + 495 = 665 \# /$$

(SEE OVERALL CALCULATION)

Alex Kondrat & Assoc., Inc.
13311 SW 103 ter
Miami, FL 33186
PE 58086, CA 9717

Title :
Dsgnr:
Project Desc.:
Project Notes :

Job #

11

Printed: 9 MAR 2011, 12:29AM

Wall Footing

File: C:\Projects\BGA\wachovia\allan rd\allan rd\wachovia allan.ecs
ENERCALC, INC. 1993-2011 Ver. 6.2.00, N:24257

Lic. #: KW-06006846

Licensee: ALEX KONDRAT & ASSOCIATES INC

Description: 2'-0"X8'-0" pad

General Information

Calculations per ACI 318-08, IBC 2009, CBC 2010, ASCE 7-05

Material Properties

fc : Concrete 28 day strength = 3.0 ksi
fy : Rebar Yield = 60.0 ksi
Ec : Concrete Elastic Modulus = 3,122.0 ksi
Concrete Density = 145.0 pcf
φ Values Flexure = 0.90
Shear = 0.750

Analysis Settings

Min Steel % Bending Reinf. = 0.00140
Min Allow % Temp Reinf. = 0.00180
Min. Overturning Safety Factor = 1.50 : 1
Min. Sliding Safety Factor = 1.50 : 1
AutoCalc Footing Weight as DL : Yes

Soil Design Values

Allowable Soil Bearing = 2.50 ksf
Increase Bearing By Footing Weight = No
Soil Passive Resistance (for Sliding) = 250.0 pcf
Soil/Concrete Friction Coeff. = 0.30

Increases based on footing Depth

Reference Depth below Surface = ft
Allow. Pressure Increase per foot of depth when base footing is below = ksf
ft

Increases based on footing Width

Allow. Pressure Increase per foot of width when footing is wider than = ksf
ft

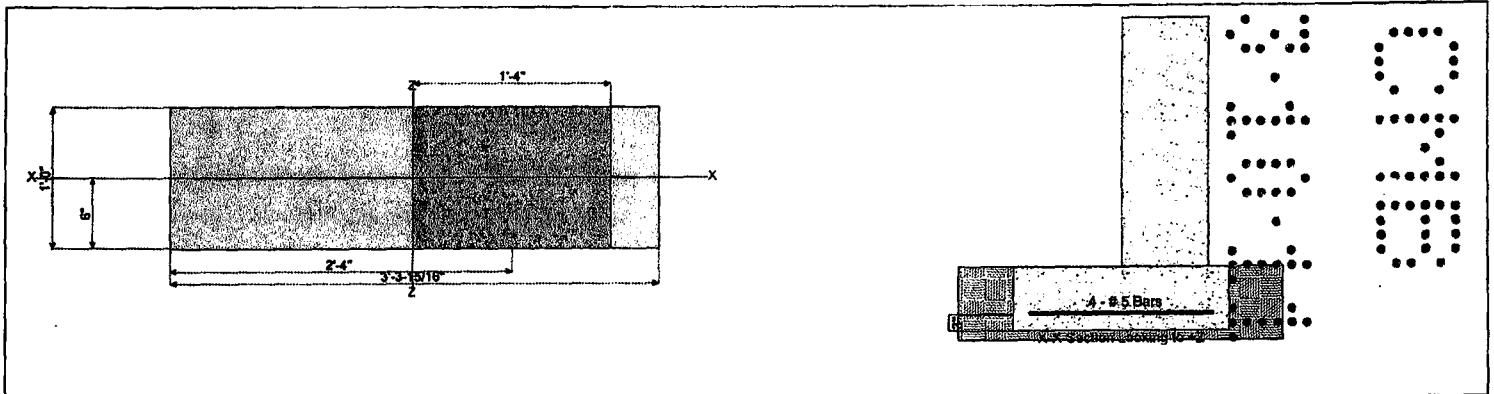
Dimensions

Footing Width = 3.330 ft
Wall Thickness = 16.0 in
Wall center offset from center of footing = 8 in

Footing Thickness = 12.0 in
Rebar Centerline to Edge of Concrete.. at Bottom of footing = 3.0 in

Reinforcing

Bars along X-X Axis = 12.00
Bar spacing = # 5
Reinforcing Bar Size = # 5



Applied Loads

	D	Lr	L	S	W	E	H
P : Column Load	= 2.387		0.6650				k
OB : Overburden	=						ksf
V-x	=						k
M-zz	=						k-ft
Vx applied	=	In above top of footing					

DESIGN SUMMARY

Design OK

	Min. Ratio	Item	Applied	Capacity	Governing Load Combination
PASS	0.8594	Soil Bearing	2.148 ksf	2.50 ksf	+D+L+H
PASS	n/a	Overturning - Z-Z	0.0 k-ft	0.0 k-ft	No Overturning
PASS	n/a	Sliding - X-X	0.0 k	0.0 k	No Sliding
PASS	n/a	Uplift	0.0 k	0.0 k	No Uplift
PASS	0.01288	Z Flexure (+X)	0.1562 k-ft	12.131 k-ft	+1.20D+0.50Lr+1.60L+
PASS	0.06922	Z Flexure (-X)	0.8397 k-ft	12.131 k-ft	+1.40D
PASS	n/a	1-way Shear (+X)	0.0 psi	82.158 psi	n/a
PASS	0.1605	1-way Shear (-X)	13.189 psi	82.158 psi	+1.20D+0.50Lr+1.60L+

Alex Kondrat & Assoc, Inc.
13311 SW 103 ter
Miami, FL 33186
PE 58086, CA 9717

Title :
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Project Desc.:
Project Notes :

Job #

12

Printed: 9 MAR 2011, 12:29AM

Wall Footing

File: C:\Projects\BGA\wachovia elton rd\calc\wachovia elton.ecb
ENERCALC, INC. 1983-2011, Ver. 6.2.00, N-24267

Lic. #: KW-06006846

Licensee: ALEX KONDRAT & ASSOCIATES INC

Description: 2'-0"x8'-0" pad

Detailed Results

Soil Bearing

Rotation Axis & Load Combination...	Gross Allowable	Xecc	Zecc	+Z	Actual Soil Bearing Stress	-X	Actual / Allowable Ratio
Z-Z, +D	2.50 ksf	6.654 in			0.01226 ksf	1.711 ksf	0.685
Z-Z, +D+L+H	2.50 ksf	6.907 in			0.0 ksf	2.148 ksf	0.859
Z-Z, +D+0.750Lr+0.750L+H	2.50 ksf	6.853 in			0.0 ksf	2.039 ksf	0.816
Z-Z, +D+0.750L+0.750S+H	2.50 ksf	6.853 in			0.0 ksf	2.039 ksf	0.816
Z-Z, +D+0.750Lr+0.750L+0.750W+H	2.50 ksf	6.853 in			0.0 ksf	2.039 ksf	0.816
Z-Z, +D+0.750L+0.750S+0.750W+H	2.50 ksf	6.853 in			0.0 ksf	2.039 ksf	0.816
Z-Z, +D+0.750Lr+0.750L+0.5250E+H	2.50 ksf	6.853 in			0.0 ksf	2.039 ksf	0.816
Z-Z, +D+0.750L+0.750S+0.5250E+H	2.50 ksf	6.853 in			0.0 ksf	2.039 ksf	0.816

Units: k-ft

Overturning Stability

Rotation Axis & Load Combination...	Overturning Moment	Resisting Moment	Stability Ratio	Status
-------------------------------------	--------------------	------------------	-----------------	--------

Footing Has NO Overturning

Sliding Stability

Force Application Axis Load Combination...	Sliding Force	Resisting Force	Sliding Safety Ratio	Status
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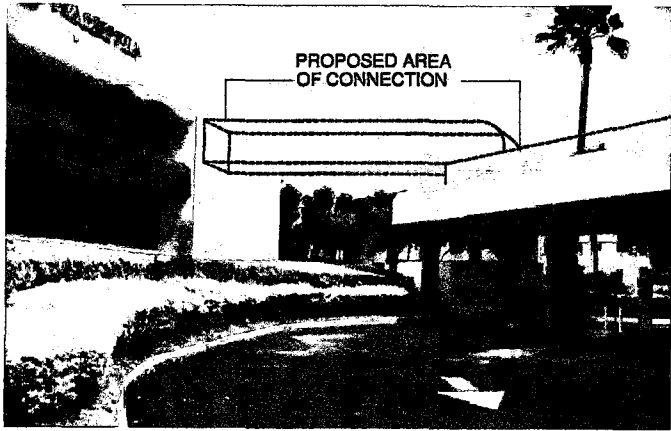
Footing Has NO Sliding

Footing Flexure

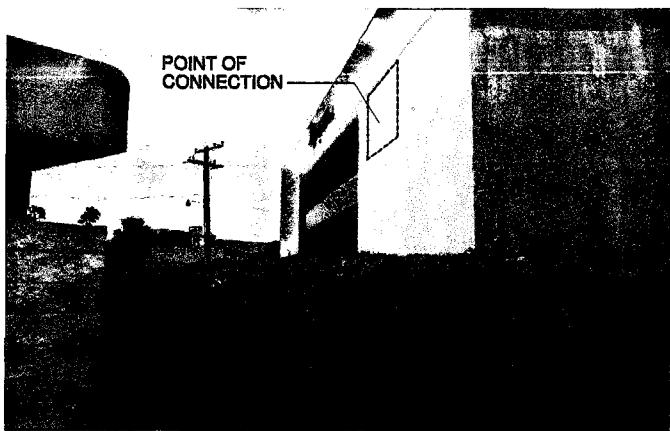
Flexure Axis & Load Combination	Mu k-ft	Which Side ?	Tension @ Bot. or Top ?	As Req'd in^2	Gvrn. As in^2	Actual As in^2	Phi*Min k-ft	Status
Z-Z, +1.40D	0.8397	-X	Bottom	0.0276	Calc'd Bending	0	12.131	OK
Z-Z, +1.40D	0.1389	+X	Bottom	0.0046	Calc'd Bending	0	12.131	OK
Z-Z, +1.20D+0.50Lr+1.60L+1.60H	0.8089	-X	Bottom	0.0266	Calc'd Bending	0	12.131	OK
Z-Z, +1.20D+0.50Lr+1.60L+1.60H	0.1562	+X	Bottom	0.0051	Calc'd Bending	0	12.131	OK
Z-Z, +1.20D+1.60L+0.50S+1.60H	0.8089	-X	Bottom	0.0266	Calc'd Bending	0	12.131	OK
Z-Z, +1.20D+1.60L+0.50S+1.60H	0.1562	+X	Bottom	0.0051	Calc'd Bending	0	12.131	OK
Z-Z, +1.20D+1.60Lr+0.50L	0.7473	-X	Bottom	0.0246	Calc'd Bending	0	12.131	OK
Z-Z, +1.20D+1.60Lr+0.50L	0.1306	+X	Bottom	0.0043	Calc'd Bending	0	12.131	OK
Z-Z, +1.20D+0.50L+1.60S	0.7473	-X	Bottom	0.0246	Calc'd Bending	0	12.131	OK
Z-Z, +1.20D+0.50L+1.60S	0.1306	+X	Bottom	0.0043	Calc'd Bending	0	12.131	OK
Z-Z, +1.20D+0.50Lr+0.50L+1.60W	0.7473	-X	Bottom	0.0246	Calc'd Bending	0	12.131	OK
Z-Z, +1.20D+0.50Lr+0.50L+1.60W	0.1306	+X	Bottom	0.0043	Calc'd Bending	0	12.131	OK
Z-Z, +1.20D+0.50L+0.50S+1.60W	0.7473	-X	Bottom	0.0246	Calc'd Bending	0	12.131	OK
Z-Z, +1.20D+0.50L+0.50S+1.60W	0.1306	+X	Bottom	0.0043	Calc'd Bending	0	12.131	OK
Z-Z, +1.20D+0.50L+0.20S+E	0.7473	-X	Bottom	0.0246	Calc'd Bending	0	12.131	OK
Z-Z, +1.20D+0.50L+0.20S+E	0.1306	+X	Bottom	0.0043	Calc'd Bending	0	12.131	OK

Units: k

Load Combination...	Vu @ -X	Vu @ +X	Vu:Max	Phi Vn	Vu / Phi*Vn	Status
+1.40D	12.169 psi	0 psi	12.169 psi	82.158 psi	0.1481	OK
+1.20D+0.50Lr+1.60L+1.60H	13.189 psi	0 psi	13.189 psi	82.158 psi	0.1605	OK
+1.20D+1.60L+0.50S+1.60H	13.189 psi	0 psi	13.189 psi	82.158 psi	0.1605	OK
+1.20D+1.60Lr+0.50L	11.292 psi	0 psi	11.292 psi	82.158 psi	0.1374	OK
+1.20D+0.50L+1.60S	11.292 psi	0 psi	11.292 psi	82.158 psi	0.1374	OK
+1.20D+0.50Lr+0.50L+1.60W	11.292 psi	0 psi	11.292 psi	82.158 psi	0.1374	OK
+1.20D+0.50L+0.50S+1.60W	11.292 psi	0 psi	11.292 psi	82.158 psi	0.1374	OK
+1.20D+0.50L+0.20S+E	11.292 psi	0 psi	11.292 psi	82.158 psi	0.1374	OK



1 EXISTING SOUTH VIEW / PROPOSED CONNECTION



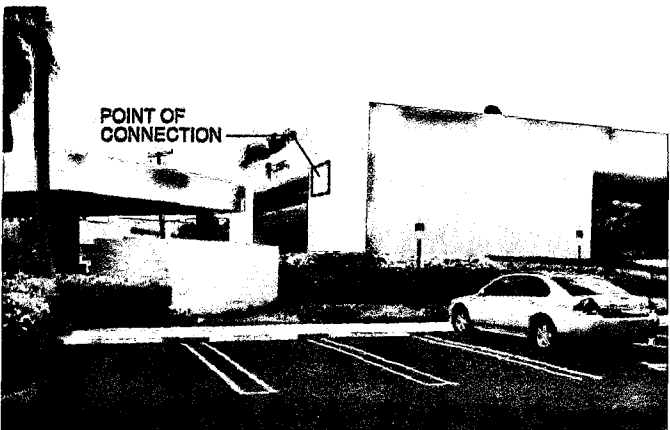
2 EXISTING NORTH VIEW



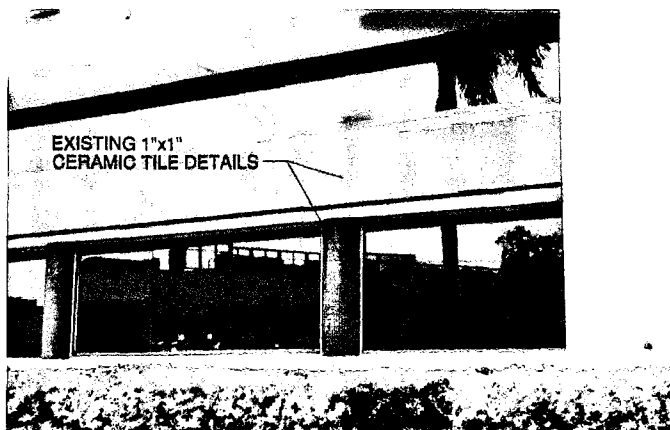
3 EXISTING SOUTH VIEW



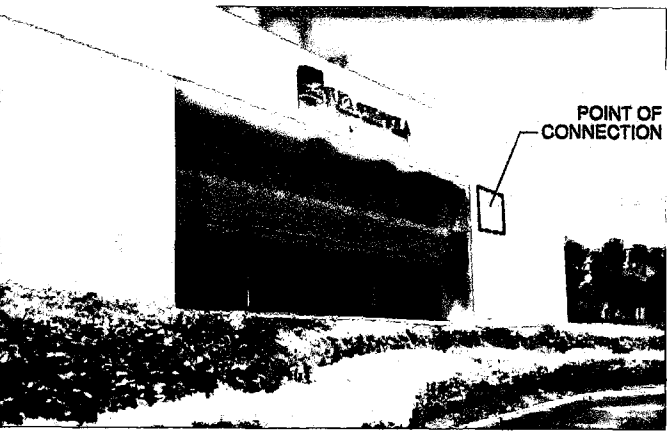
4 EXISTING WEST VIEW



5 EXISTING NORTH VIEW
VIEW FROM EXISTING PARKING AREA



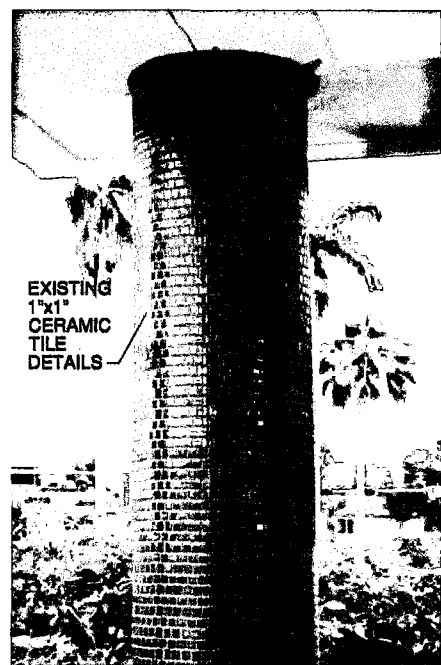
6 EXISTING EAST VIEW
OUTSIDE TELLERS AREA



7 EXISTING SOUTH VIEW



8 EXISTING TELLERS AREA INTERIOR VIEW



9 EXISTING COLUMN DETAIL

COLOR PHOTOGRAPHS OF EXISTING BUILDING / DRIVE-THRU CANOPY

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LAND PLANNING
INTERIORS
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CONSULTANTS

CONNECTING BRIDGE
WACHOVIA DRIVE-THRU TELLERS
AT
1801 ALTON ROAD
MIAMI BEACH, FL

05-09-11	B.D.G.	
03-07-11	P.S.	
MARK	DATE	DESCRIPTION
A.S.	AS-BUILT	
P.S.	REVISION AFTER PERMIT	
S.D.	BUILDING DEPT. COMMENTS	
C.S.	COORDINATION CHANGES	
P.S.	PERMIT SET	
D.S.	DESIGN DEVELOPMENT	
P.S.	PUBLIC HEARING	
S.D.	SITE PLAN REVIEW	
PROJECT No. 201006MS57		
DRAWN BY: A.V.		
CHECKED BY: Angel Milanés		

PNEUMATIC TUBES OVERHEAD CONNECTING BRIDGE @ WACHOVIA DRIVE-THRU TELLER

1901 ALTON ROAD
MIAMI BEACH, FL.

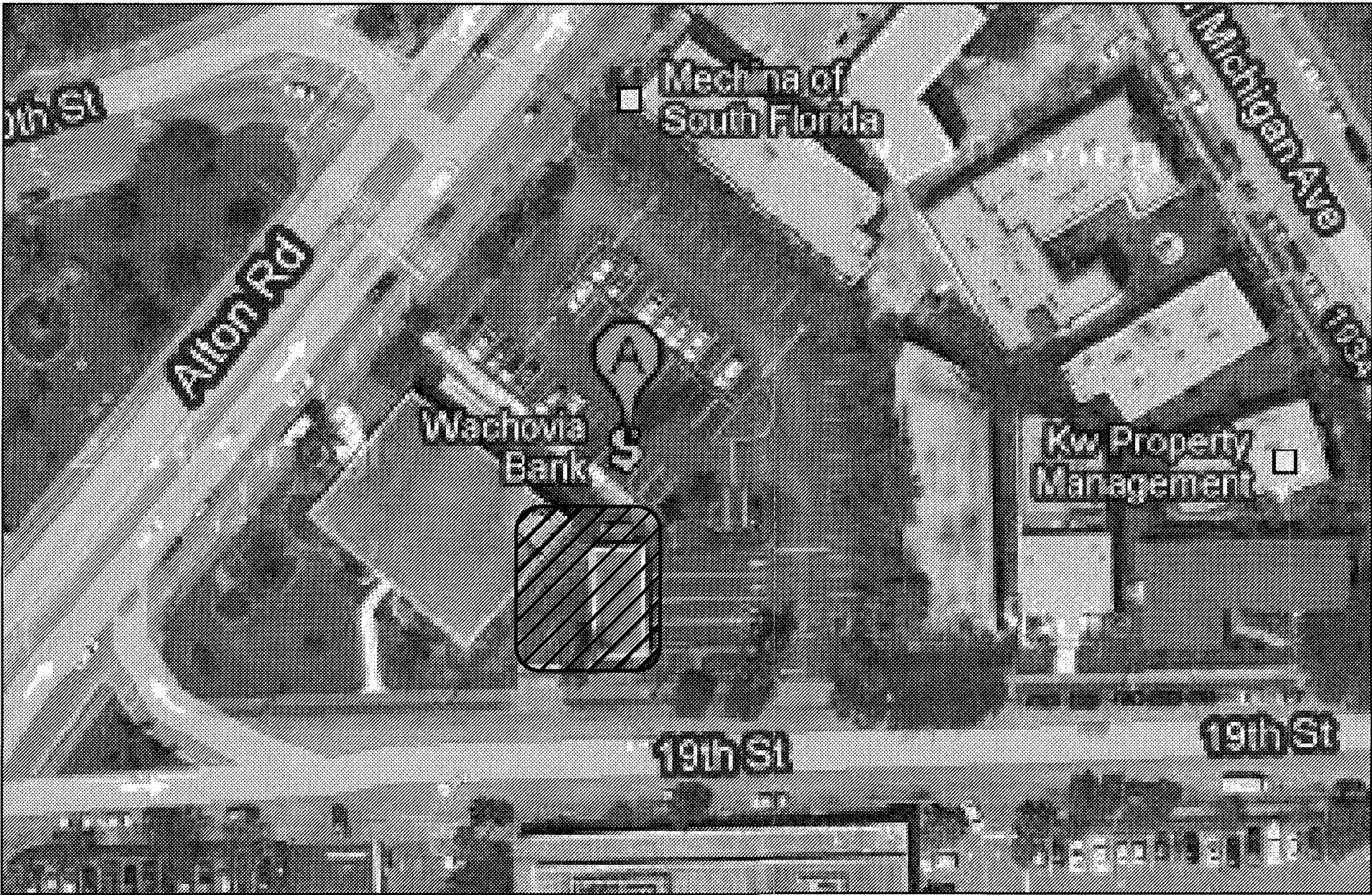
INDEX OF DRAWINGS	
ARCHITECTURE	STRUCTURE
A-0 COVER SHEET	S-1 ROOF PLAN
SP-1 EXISTING SITE PLAN	S-2 SECTIONS / DETAILS
A-1 ARCHITECTURAL GROUND FLOOR PLAN	S-3 SECTIONS / DETAILS
A-2 SECTIONS	
A-3 ELEVATIONS / DETAILS	
A-4 DETAILS	

ARCHITECTS

BELLON MILANES ARCHITECTS
12485 S.W. 137 Avenue, Suite 103
MIAMI, FL. 33186
PH. (305) 278-7776
FAX. (305) 278-7473

STRUCTURE

ALEX KONDRAT & ASSOCIATES, Inc.
12900 SW 128 STREET SUITE 104
MIAMI, FL. 33186
PH. (305) 387-5770
FAX. (305) 387-5769



2 LOCATION MAP
N.T.S.

48 HOURS PRIOR TO EXCAVATING
CONTRACTOR SHALL CALL FOR LOCATION
OF UNDERGROUND UTILITIES
SUNSHINE ONE-CALL 1-800-432-4770
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/swale area conditions
(pictures) and/or posting of sidewalk/roadway bonds
(Public Works Inspection of the right-of-way will be required prior to
final sign-off on the C.C. / C.O., or the release of bonds.)

Approved/Reviewed By: _____ Date: 09/23/11

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

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

PROJECT No. 2010BM597
DRAWN BY: A.V.
CHECKED BY: Angel Milanes

SCOPE OF WORK:

- OVERALL SCOPE OF WORK IS TO REPLACE EXISTING
DRIVE-THRU TELLERS-RELATED EQUIPMENT AND
UNDERGROUND PNEUMATIC (VACUUM) LINES WITH OVERHEAD
SYSTEM.
*REMOVE/REPLACE EXISTING EQUIPMENT.
*REMOVE/ABANDON EXISTING UNDERGROUND LINES.
*BUILD CONNECTING/OVERHEAD STRUCTURE (BRIDGE) FROM
OVER EXISTING CANOPY TO EXISTING TELLERS MAIN BUILDING.
- PNEUMATIC/VACUUM AND POWER LINES CONTRACTOR (360
SECURITY SOLUTIONS) TO PREPARE SHOP DRAWINGS FOR CITY
AND ARCHITECTS APPROVAL/PERMITTING.

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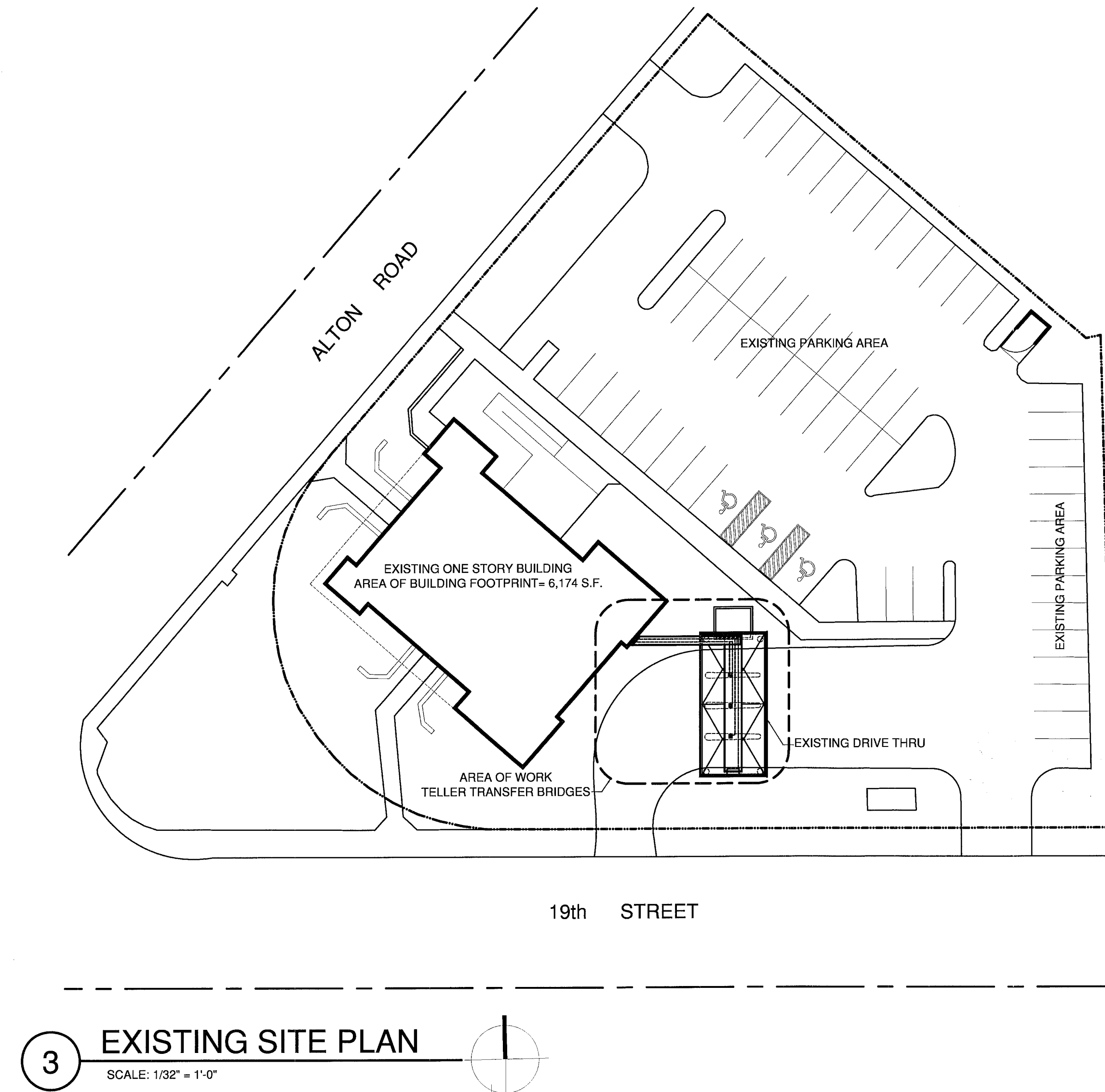
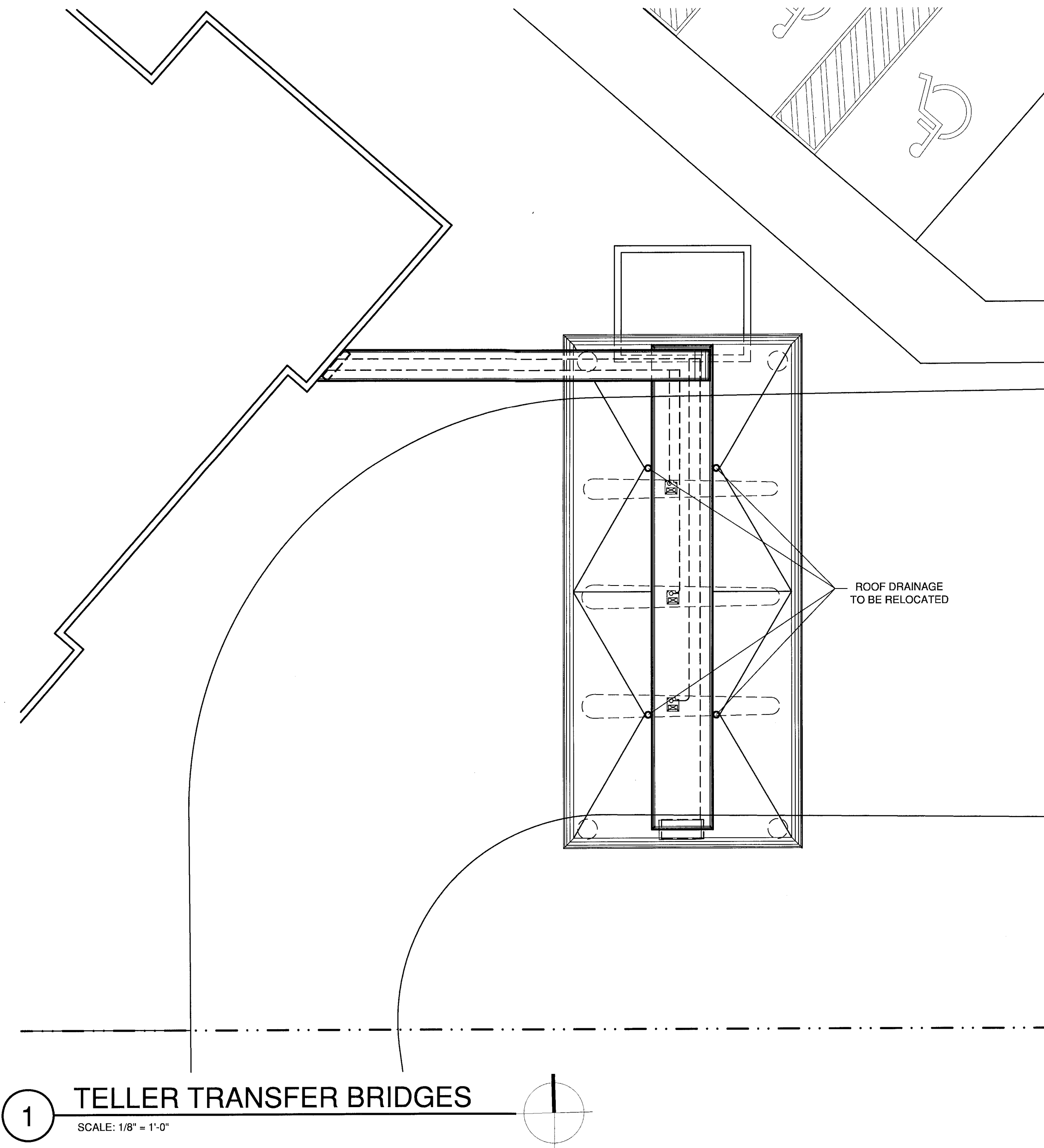
CONNECTING BRIDGE
WACHOVIA DRIVE-THRU TELLERS
AT
1901 ALTON ROAD
MIAMI BEACH, FL

LEOPOLDO BELLON, AIA (AR-008737)
ANGEL MILANES, AIA (AR-0015845)

SHEET TITLE

COVER SHEET

A-0
SHEET OF



CONNECTING BRIDGE
WACHOVIA DRIVE-THRU TELLERS
AT
1901 ALTON ROAD
MIAMI BEACH, FL

3-7-11 R.S.

MARK	DATE	DESCRIPTION
A.B.	AS-BUILT	
R.A.P.	REVISION AFTER PERMIT	
B.D.C.	BUILDING DEPT. COMMENTS	
C.C.	COORDINATION CHANGES	
P.S.	PERMIT SET	
D.D.	DESIGN DEVELOPMENT	
P.H.	PUBLIC HEARING	
S.P.R.	SITE PLAN REVIEW	

PROJECT No. 2010BM597
DRAWN BY: A.V.
CHECKED BY: Angel Milanés

3-7-11
LEOPOLDO BELLÓN, AIA (AR-008737)
EB-ANGEL MILANÉS, AIA (AR-0015845)

SHEET TITLE
EXISTING SITE PLAN

SP-1

SHEET OF

GENERAL NOTES

- A. ELECTRICAL**
ELECTRICAL CONTRACTOR TO VERIFY THAT UTILITIES TO BE REMOVED ARE PROPERLY DISCONNECTED PRIOR TO ANY DEMOLITION WORK. CAP OFF AT FLOOR SLAB, WALL AND/OR CEILING AND DISCONNECT ALL ELECTRIC SERVICE TO PANEL ON THIS SPACE. REMOVE ALL EXISTING CONDUITS AND/OR EXPOSED WIRING INSIDE ALL FUTURE TENANT SPACES
- B. PLUMBING**
PLUMBING CONTRACTOR SHALL REMOVE ALL INDICATED PLUMBING PIPING AND FIXTURES IF ANY. PROTECT ALL OTHER EXISTING PLUMBING FIXTURES AND PIPING. PROTECT AND REROUTE (IF NECESSARY) ALL VENT PIPES, WATER SERVICE LINES AND ROOF DRAIN LINES CONNECTED TO OTHER LEVELS. PLUMBING FIXTURES INDICATED FOR REMOVAL SHALL BE SAFETY STORED FOR FUTURE RE-USED (UNDER SEPARATE TENANT IMPROVEMENT PERMIT)
- C. HVAC (MECHANICAL)**
MECHANICAL CONTRACTOR SHALL REMOVE ALL EXISTING A/C MAIN AND SECONDARY EXISTING DUCT WORK EXCEPT THOSE INDICATED IN CENTRAL AREA. ROOF MOUNTED AND CEILING MOUNTED A/C UNITS SHALL REMAIN AS INSTALLED FOR FUTURE SINGLE TENANT RE-USED (UNDER SEPARATE PERMIT). PROTECT ALL EXISTING REFRIGERANT LINES AND CONDENSATE DRAIN LINES. REMOVE AND SAFETY STORE ALL EXISTING THERMOSTAT CONTROL DEVICES FOR FUTURE RE-USED
- D. DEMOLITION GENERAL CONTRACTOR**
SHALL USE CAUTION IN REMOVING ALL INDICATED WALLS, PARTITIONS, DOORS AND CEILING PANELS. DISCONNECT ALL ELECTRIC SERVICE TO THIS TENANT SPACE. ELECTRIC PANEL PRIOR TO COMMENCING WORK. PROTECT FROM DAMAGE ALL EXISTING PARTITIONS, DOORS, WALLS AND WINDOWS INDICATED TO REMAIN. EXISTING FLOOR FINISH AT ELEVATOR LOBBY, CONNECTING COMMON HALLWAYS AND TOILETS ROOMS, SHALL BE PROTECTED FROM DAMAGE. USE EXTREME CAUTION IN PROTECTING ALL EXISTING GLASS AT PERIMETER STOREFRONT GLASS AND WINDOWS.

DEMOLITION NOTES

1. GENERAL CONTRACTOR IS RESPONSIBLE FOR SITE INVESTIGATION PRIOR TO DEMOLITION, TO REVEAL FULL SCOPE OF WORK.
2. DEMOLITION CONTRACTOR SHALL VISIT JOB SITE AND VERIFY ALL EXISTING CONDITIONS AND DEMOLITION REQUIREMENTS. CONTRACTOR TO COORDINATE ALL DEMOLITION WORK WITH ELECTRICAL AND MECHANICAL CONTRACTORS.
3. GENERAL CONTRACTOR SHALL REVIEW ALL PLANS AND SPECIFICATIONS PRIOR TO COMMENCING DEMOLITION WORK. GENERAL CONTRACTOR SHALL VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO START OF PROPOSED DEMOLITION.
4. GENERAL CONTRACTOR TO MAKE SURE THAT ALL UTILITIES TO BE REMOVED DISCONNECTED PRIOR TO COMMENCEMENT OF PROPOSED DEMOLITION WORK.
5. EXTREME CARE MUST BE TAKEN TO NOT DISTURB THE STRUCTURAL INTEGRITY OF THE REMAINING ADJACENT STRUCTURE AND THE REMAINING PORTIONS OF THIS JOB SITE DURING THE DEMOLITION WORK.
6. GENERAL CONTRACTOR AND/OR DEMOLITION CONTRACTOR TO AVOID ENCROACHMENTS ONTO ADJACENT NEIGHBORS.
7. MATERIALS REMOVED UNDER THIS CONTRACT, WHICH ARE NOT TO BE SALVAGED OR REUSED, SHALL BECOME THE PROPERTY OF THE GENERAL CONTRACTOR AND SHALL BE REMOVED FROM THE SITE.
8. EXISTING BUILDING, FINISHES, EQUIPMENT, FURNITURE, AND ELECTRICAL, MECHANICAL & PLUMBING INSTALLATIONS TO REMAIN UNLESS OTHERWISE NOTED.
9. AFTER COMPLETION OF CONSTRUCTION, G.C. IS RESPONSIBLE FOR PATCHING, REPAIR AND/OR FINISH ANY ADJACENT OR AFFECTED AREAS OF EXISTING STRUCTURE.
10. SEE GENERAL NOTES.

3-7-11 P.S.

MARK	DATE	DESCRIPTION
A.B.	AS-BUILT	
R.A.P.	REVISION AFTER PERMIT	
B.D.C.	BUILDING DEPT. COMMENTS	
C.C.	COORDINATION CHANGES	
P.S.	PERMIT SET	
D.D.	DESIGN DEVELOPMENT	
P.H.	PUBLIC HEARING	
S.F.A.	SITE PLAN REVIEW	

PROJECT No. 2010BM597
DRAWN BY: A.V.
CHECKED BY: Angel Milanés

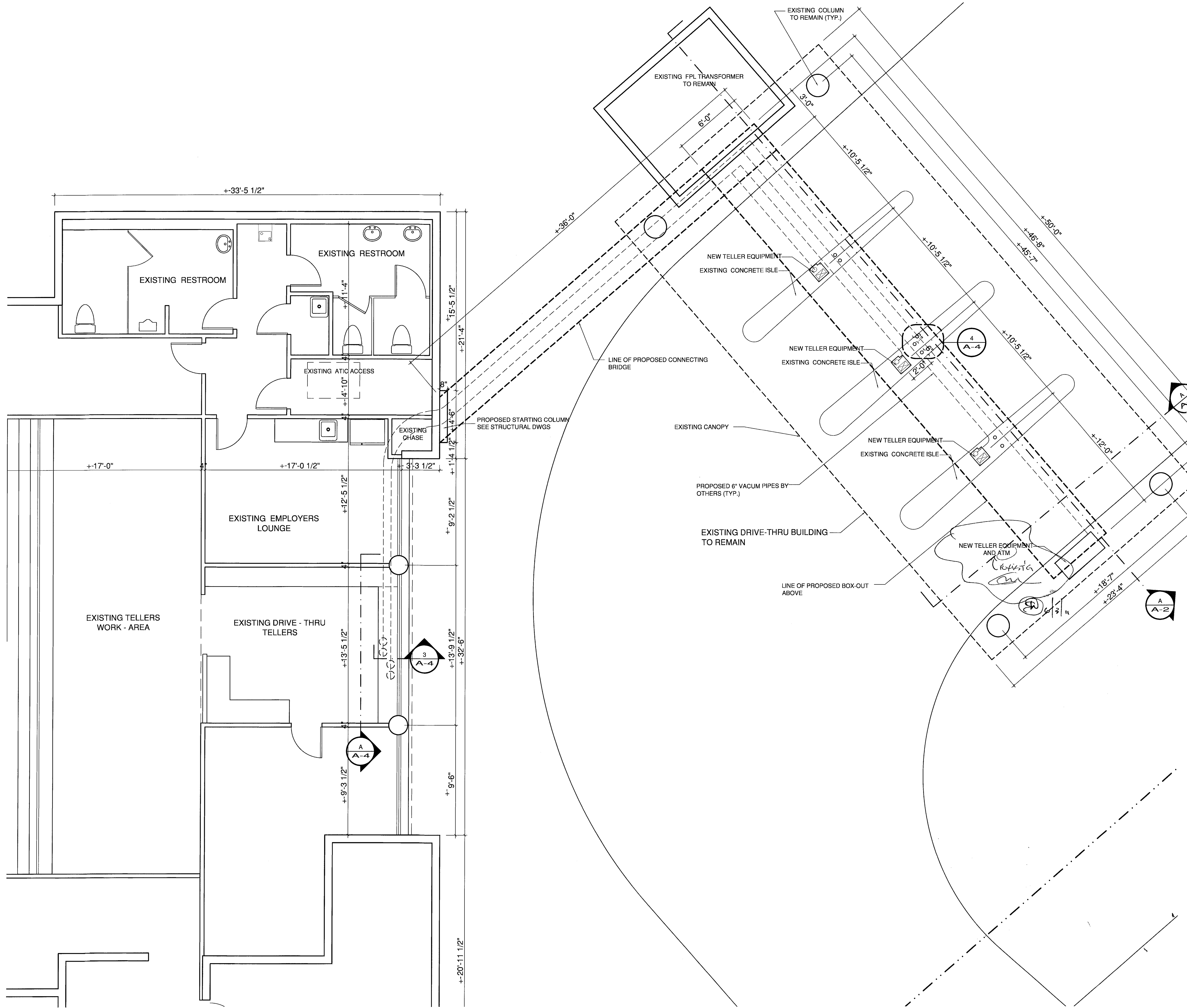
Angel Milanés
3-7-11

☐ LEOPOLDO BELLON, AIA (AR-008737)
☒ ANGEL MILANES, AIA (AR-0015845)

SHEET TITLE

FLOOR PLAN

A-1
SHEET OF



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

CONNECTING BRIDGE
WACHOVIA DRIVE-THRU TELLERS
AT
1901 ALTON ROAD
MIAMI BEACH, FL

3-7-11 R.S.

MARK	DATE	DESCRIPTION
A.B.	AS-BUILT	
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B.O.C.	BUILDING DEPT. COMMENTS	
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D.D.	DESIGN DEVELOPMENT	
P.H.	PUBLIC HEARING	
S.P.R.	SITE PLAN REVIEW	

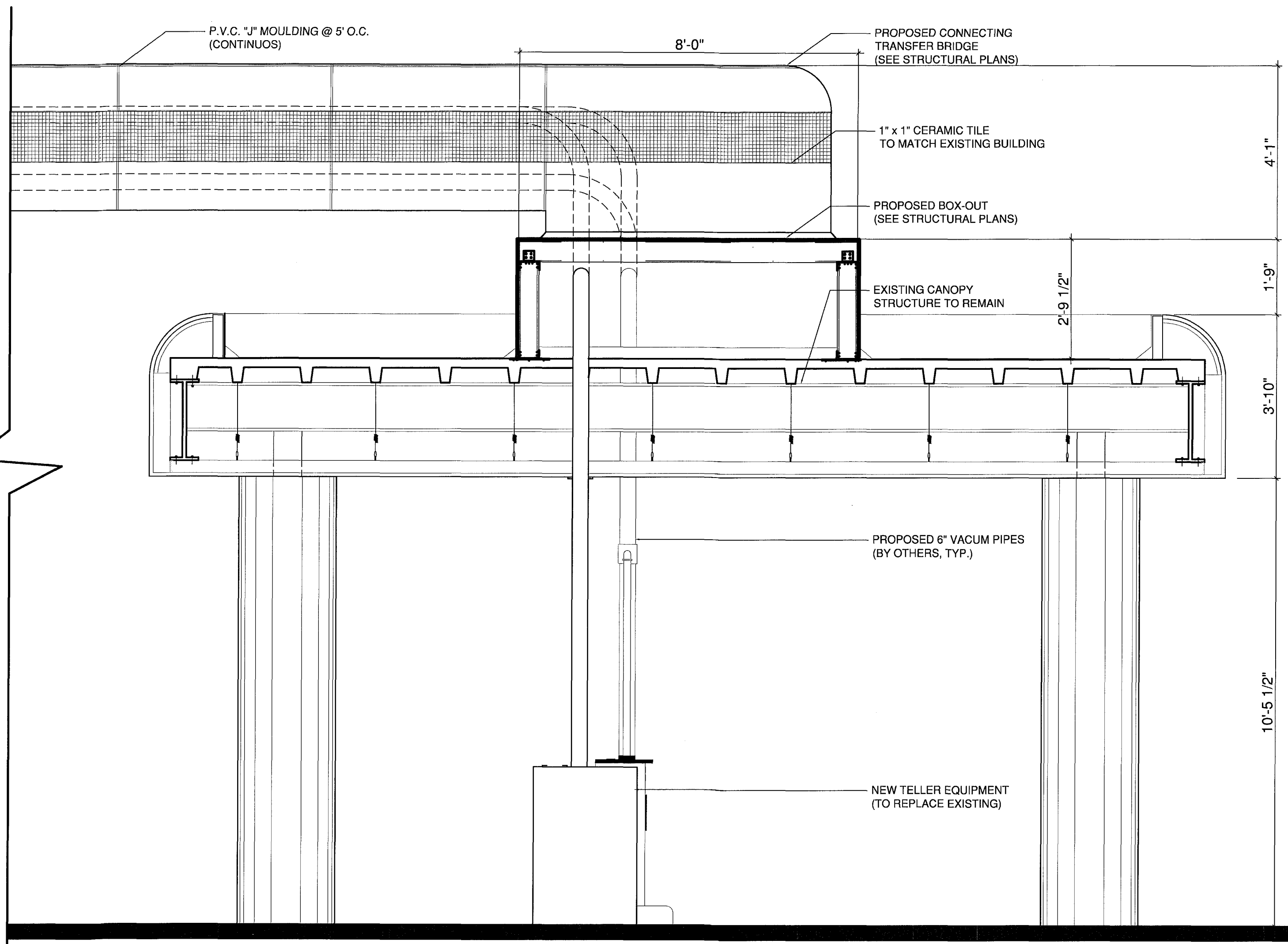
PROJECT No. 2010BM597
DRAWN BY: A.V.
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ANGEL MILANÉS, AIA (AR-0015845)

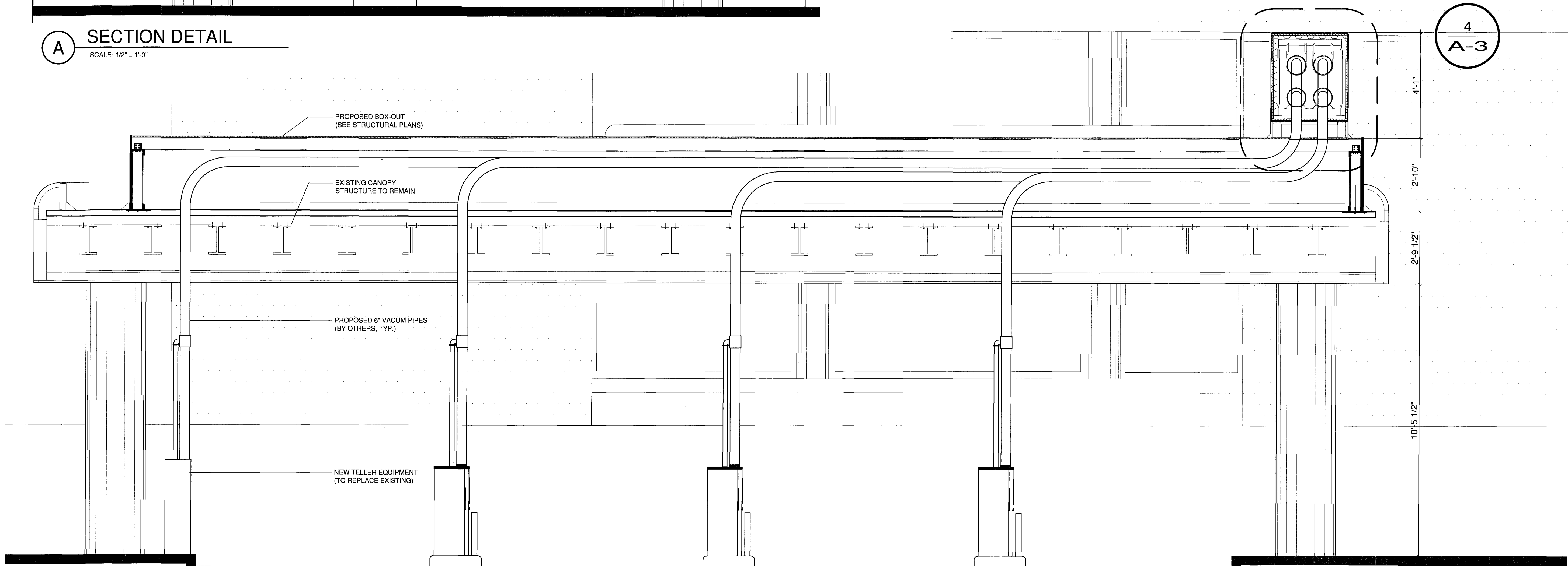
SHEET TITLE
SECTIONS DETAILS

A-2

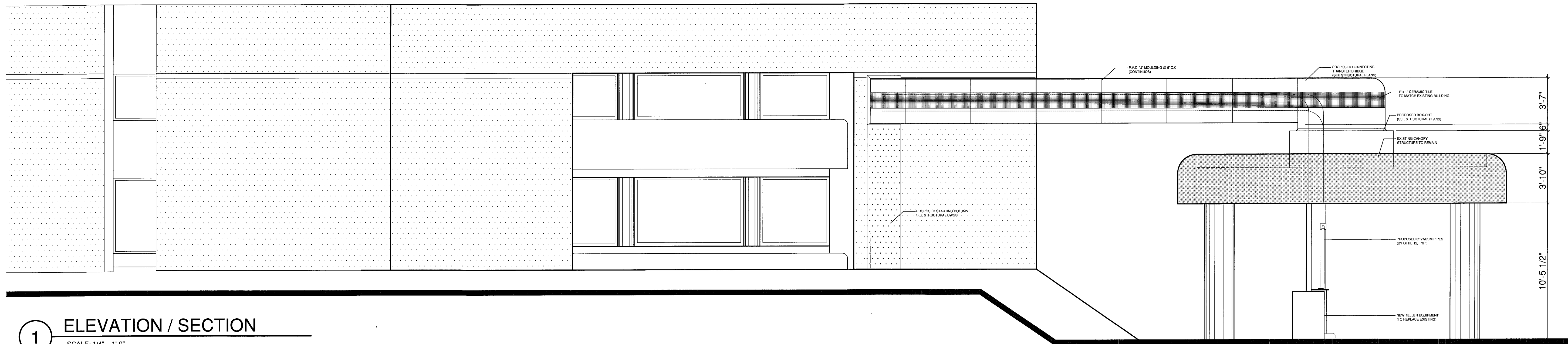
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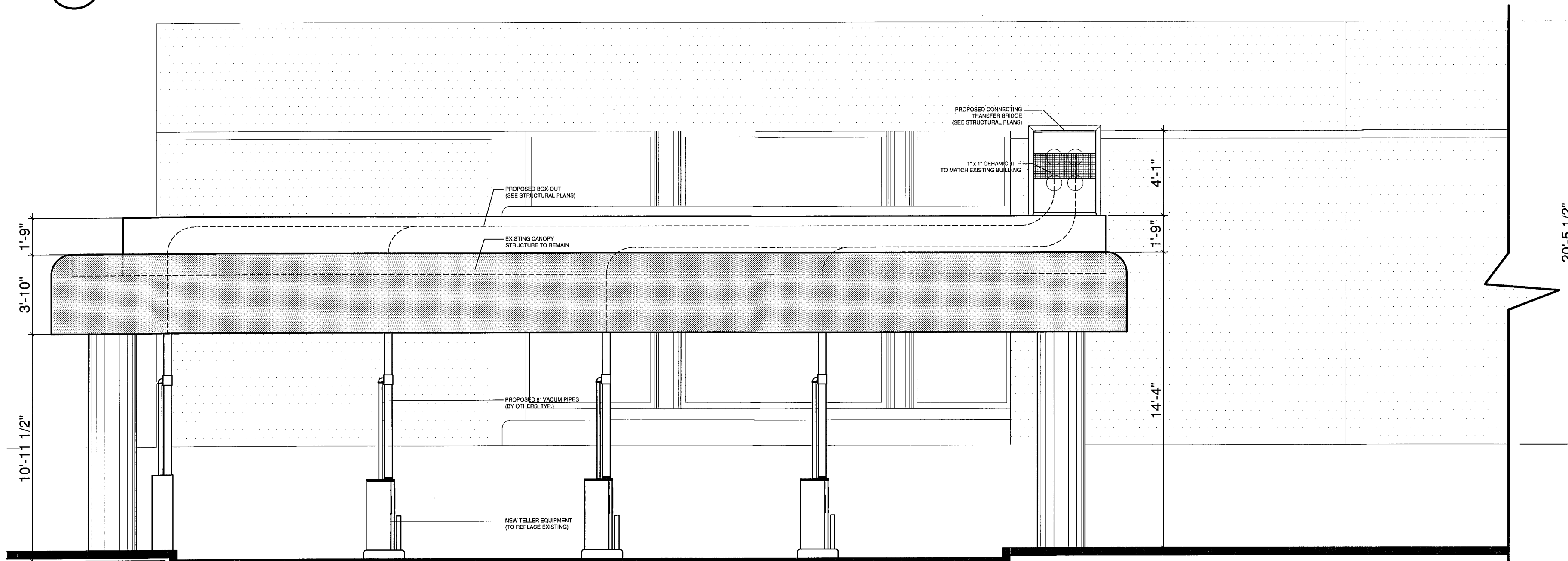
A SECTION DETAIL
SCALE: 1/2" = 1'-0"



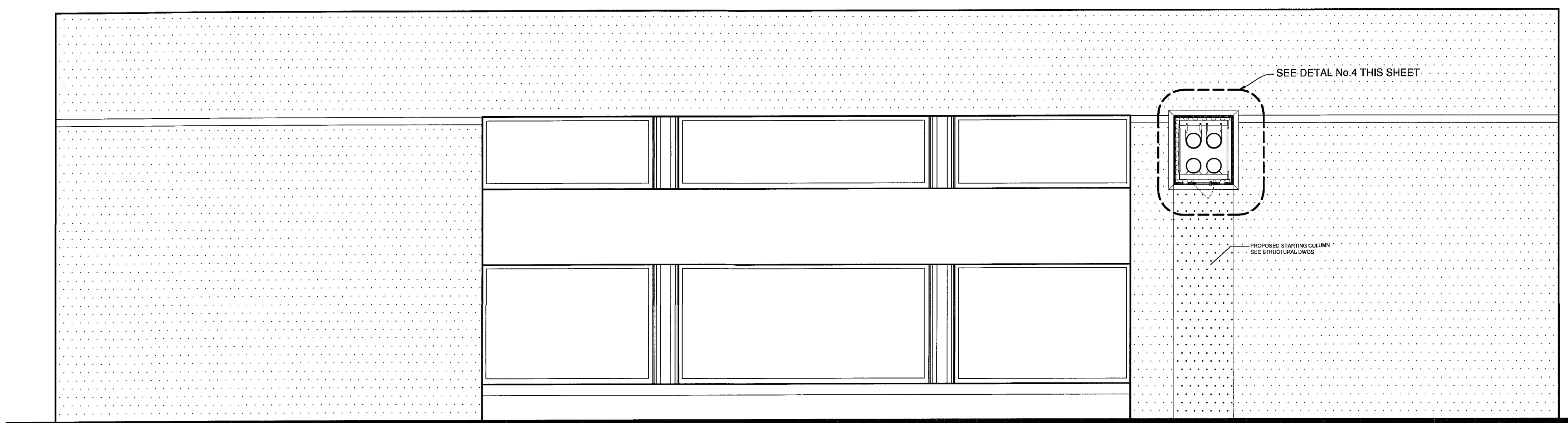
B SECTION DETAIL
SCALE: 1/2" = 1'-0"



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

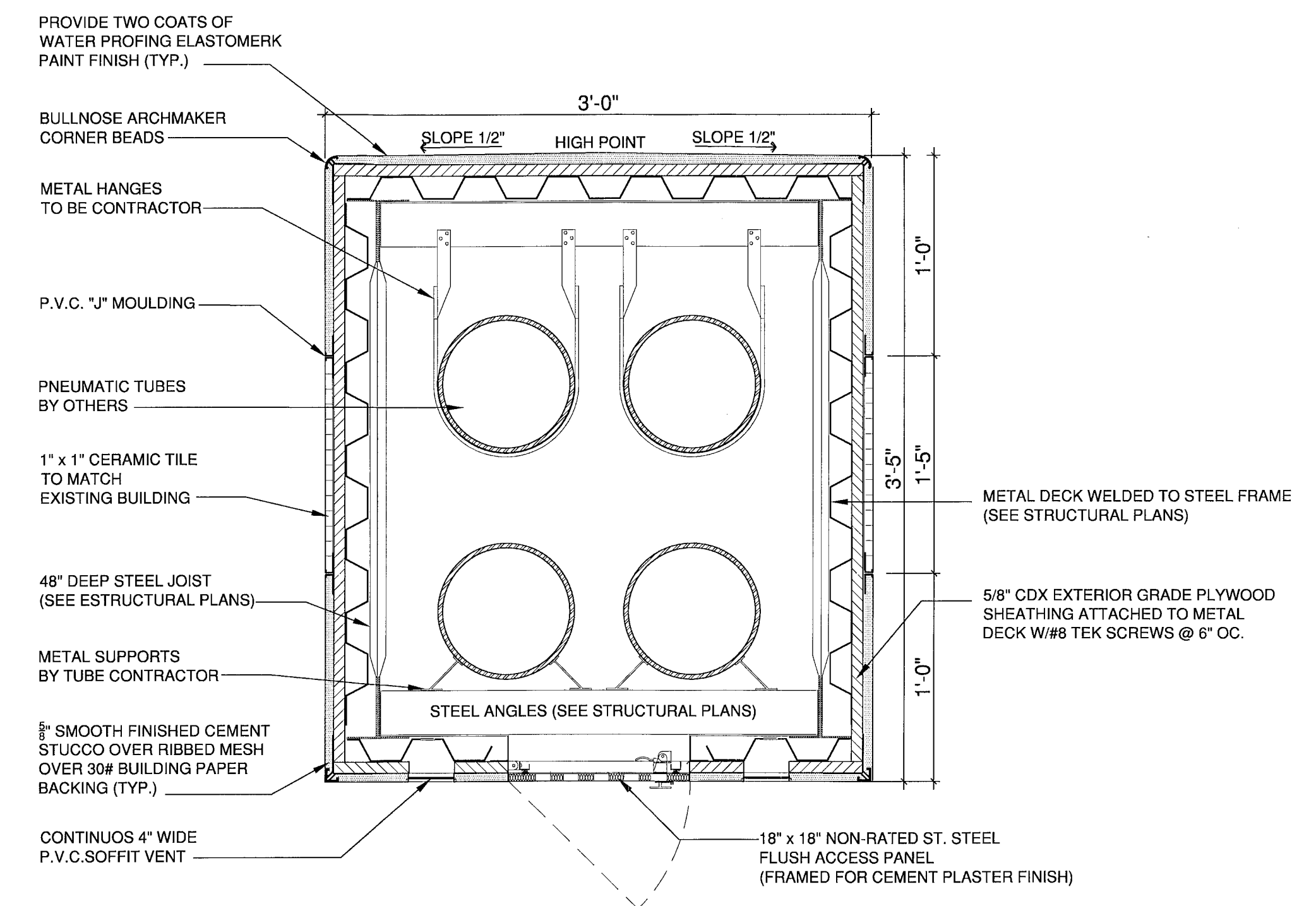


2 ELEVATION / SECTION
SCALE: 1/4" = 1'-0"



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

NOTE:
GENERAL CONTRACTOR, MANUFACTURERS AND SUBS MUST FIELD
VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS



4 PROPOSED CONNECTING TRANSFER BRIDGE
SCALE: 1" = 1'-0"

MARK	DATE	DESCRIPTION
A.B.	AS-BUILT	
R.A.P.	REVISION AFTER PERMIT	
B.O.C.	BUILDING DEPT. COMMENTS	
C.C.	COORDINATION CHANGES	
P.S.	PERMIT SET	
D.D.	DESIGN DEVELOPMENT	
P.H.	PUBLIC HEARING	
S.P.R.	SITE PLAN REVIEW	
PROJECT No. 2010BM597		
DRAWN BY: A.V.		
CHECKED BY: Angel Milanés		

LEGEND
□ LEOPOLDO BELLÓN, AIA (AR-008737)
□ ANGEL MILANÉS, AIA (AR-0015845)

SHEET TITLE
DETAILS

A-3
SHEET OF

CONNECTING BRIDGE
WACHOVIA DRIVE-THRU TELLERS
AT
1901 ALTON ROAD
MIAMI BEACH, FL

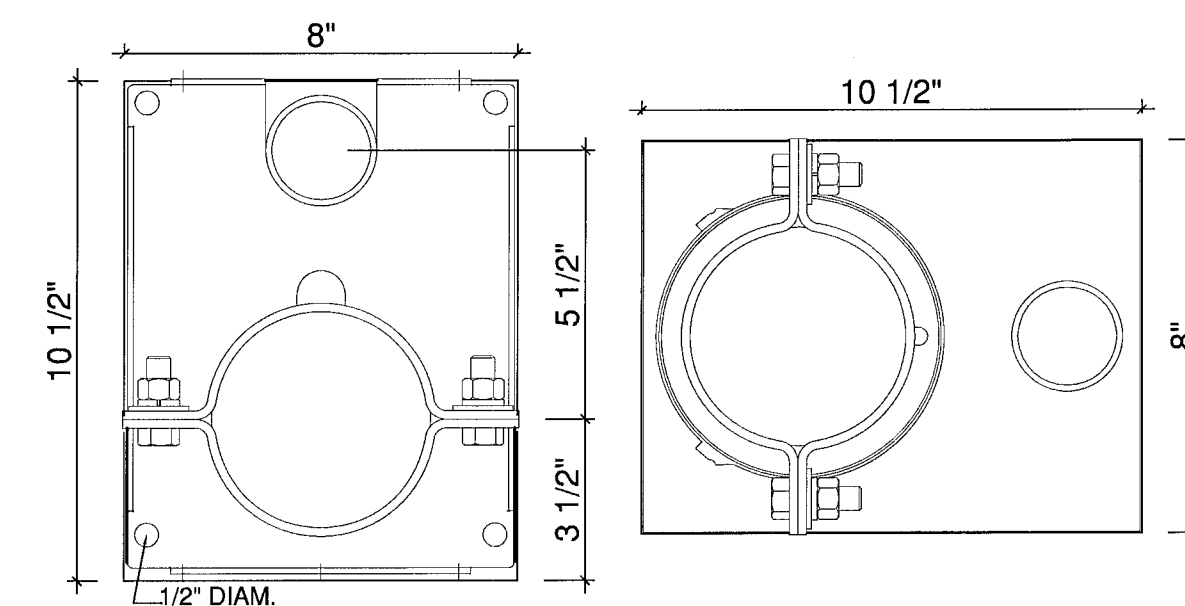
86. 3-7-11

MARK	DATE	DESCRIPTION
A.B.	AS-BUILT	
R.A.P.	REVISION AFTER PERMIT	
B.D.C.	BUILDING DEPT. COMMENTS	
C.C.	COORDINATION CHANGES	
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D.D.	DESIGN DEVELOPMENT	
P.H.	PUBLIC HEARING	
S.P.R.	SITE PLAN REVIEW	

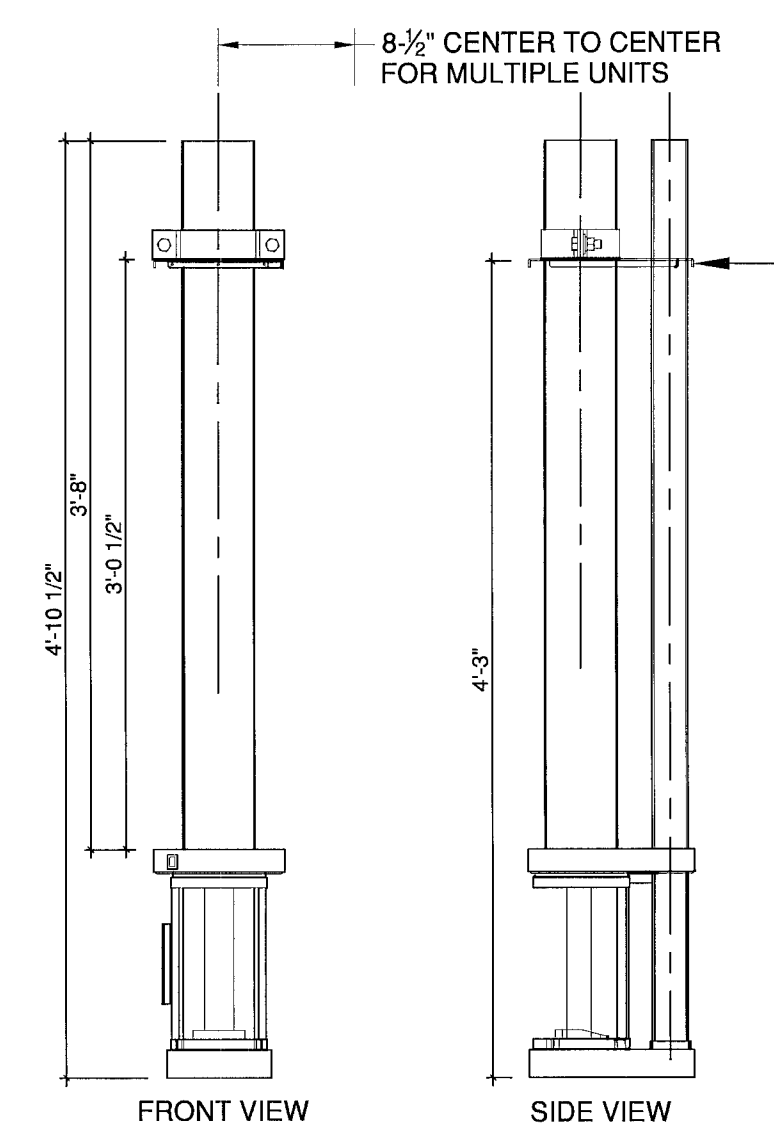
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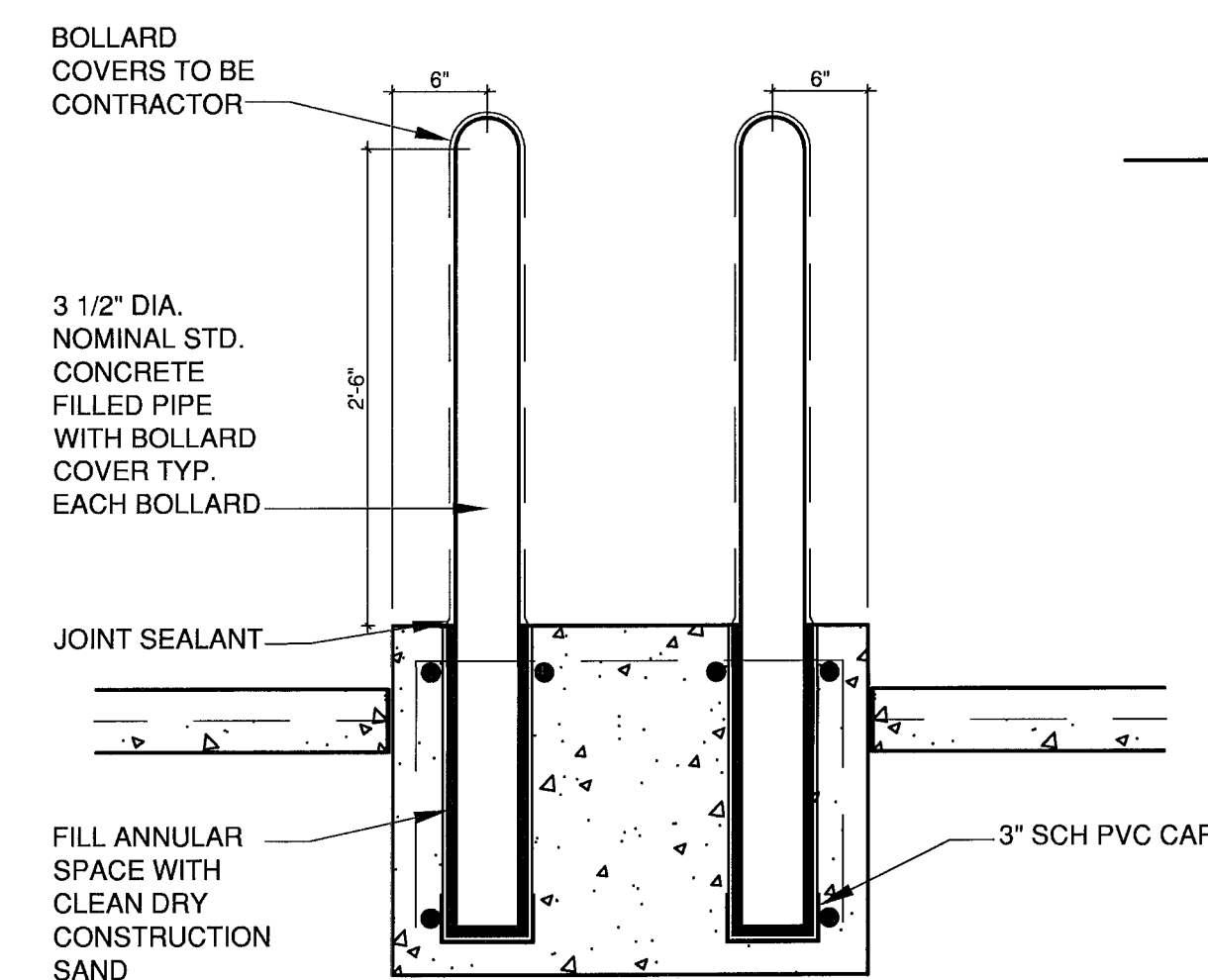
SHEET TITLE
DETAILS
A-4
SHEET OF



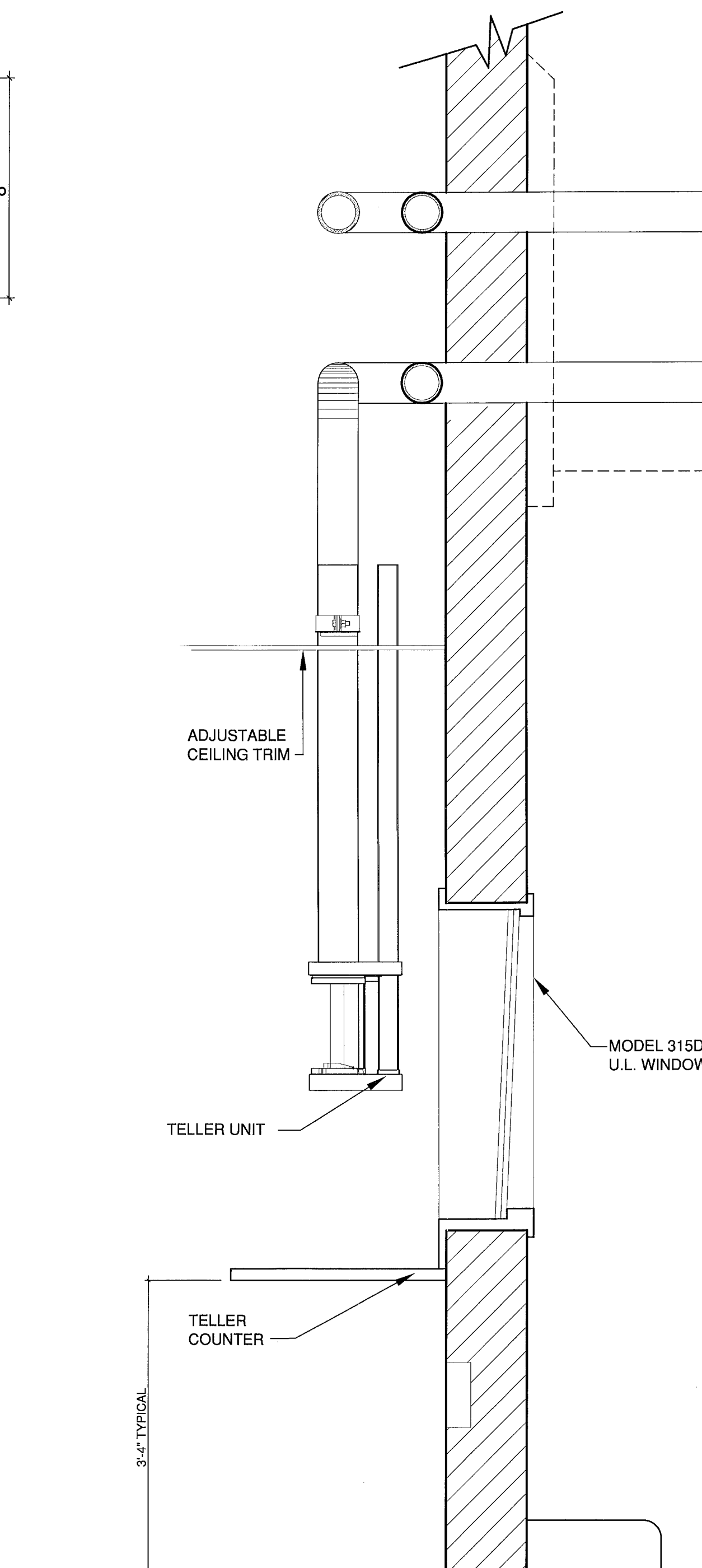
1 HANGER DETAIL
SCALE: 3" = 1'-0"



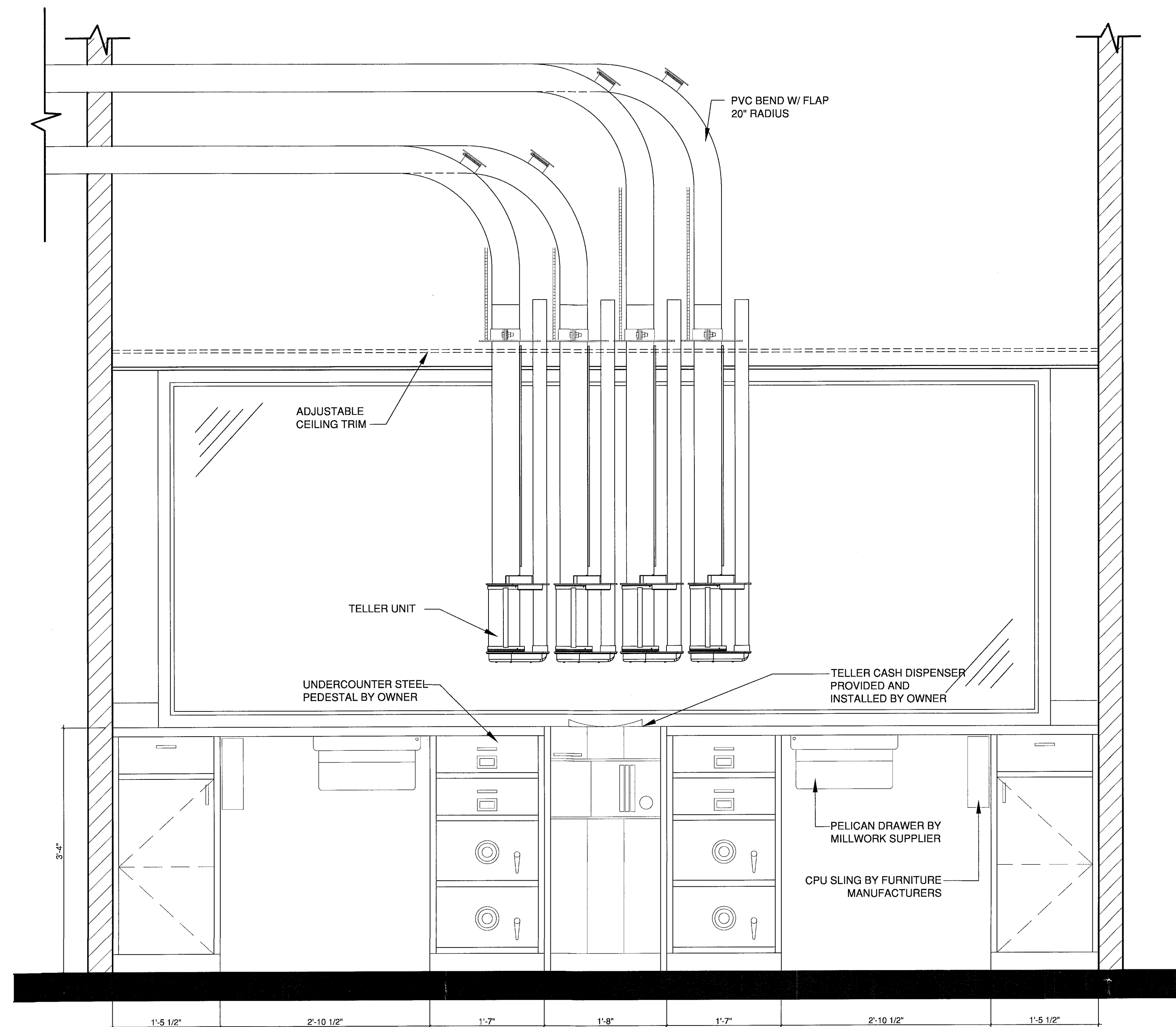
2 OVERHEAD TELLER STANDART DETAILS
SCALE: 1" = 1'-0"



4 BOLLARD DETAIL
SCALE: 1" = 1'-0"

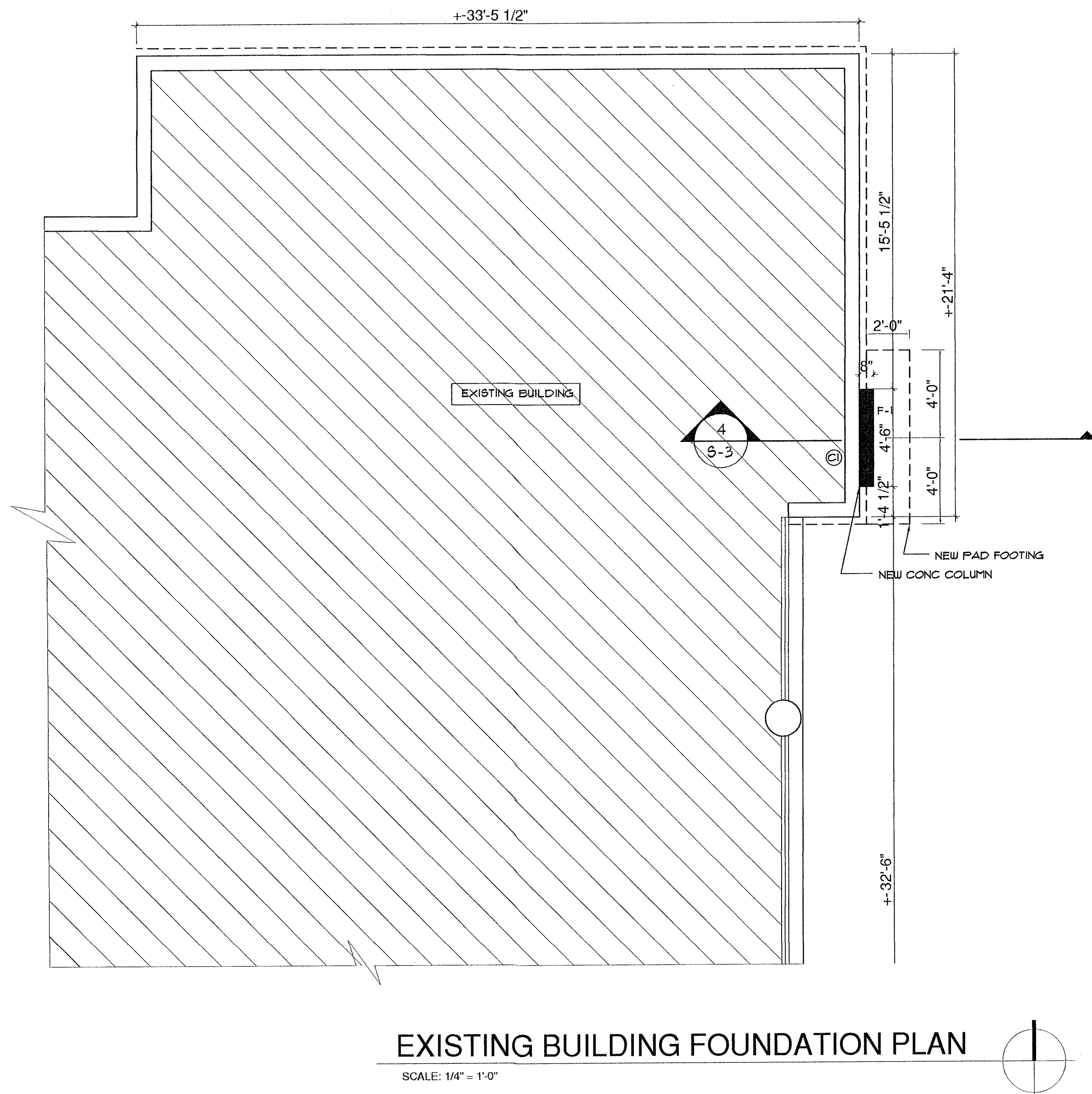


3 INTERIOR TELLER SECTION DETAIL
SCALE: 1" = 1'-0"



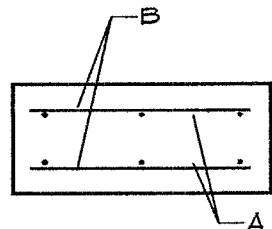
A INTERIOR ELEVATION DRIVE-UP TELLER WINDOW
SCALE: 1" = 1'-0"

NOTE:
GENERAL CONTRACTOR, MANUFACTURERS AND SUBS MUST FIELD
VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS



FOOTING SCHEDULE							REMARKS
MARK	FOOTING TYPE	WIDTH	LENGTH	DEPTH	REINFORCEMENT		
					A	B	
FI	A	2'-0"	8'-0"	12"	(3) #5	#5 DOWELS @ 12" OC	CONCRETE FOOTING F'C=3000 PSI TOP & BOTTOM STEEL

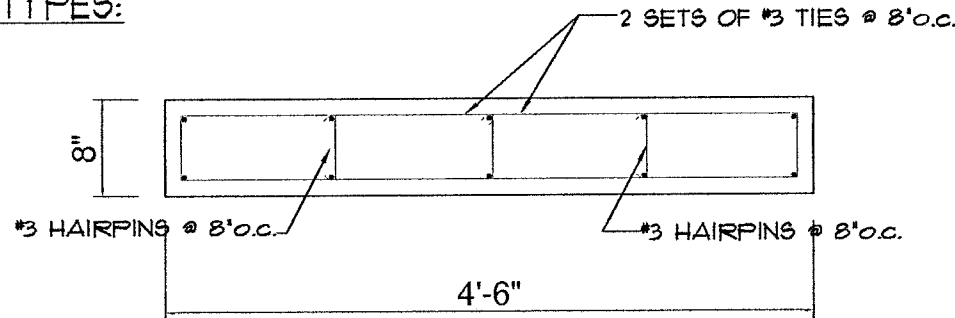
FOOTING TYPES



TYPE-A

COLUMN SCHEDULE							REMARKS
MARK	COLUMN TYPE	DIMENSIONS	REINFORCEMENT				
			VERTICAL	HORIZONTAL			
(C)	A	8' x 4'-6"	10-#6	#3 TIES @ 8' o.c.	CONCRETE COLUMN F'C=3000 PSI		

COLUMN TYPES:



TYPE-A

GENERAL NOTES	REINFORCED MASONRY NOTES	SHOP DRAWINGS	SOIL STATEMENT
1) A SPECIAL INSPECTION BY A P.L. CERTIFIED ENGINEER OR SPECIAL INSPECTOR WILL BE REQUIRED FOR REINFORCED STRUCTURAL STEEL CONNECTIONS & MASONRY. 2) THE USE OF A SCALE TO OBTAIN DIMENSIONS NOT SHOWN ON THE PLANS IS STRICTLY FORBIDDEN. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ERRORS RESULTING FROM SUCH ACTIONS. 3) CONTRACTOR TO LOCATE ALL EXISTING UTILITIES PRIOR TO EXCAVATION. 4) ALL SPECIFIED MATERIALS AND CONNECTORS CAN BE SUBSTITUTED WITH EQUAL OR BETTER, WITH THE APPROVAL OF ENGINEER OF RECORD. 5) IF CONFLICTS OCCUR IN OR BETWEEN ARCHITECTURAL AND ENGINEERING DOCUMENTS, BETWEEN DOCUMENTS AND FIELD CONDITIONS OR OTHERWISE, IMMEDIATELY CONTACT THE ENGINEER FOR CLARIFICATION AND DIRECTION BEFORE PROCEEDING. COORDINATE ALL DIMENSIONS BETWEEN ARCHITECTURAL AND STRUCTURAL DRAWINGS PRIOR TO PROCEEDING WITH THE WORK. 6) THE CONTRACTOR IS RESPONSIBLE FOR ALL METHODS, PROCEDURES AND SEQUENCES OF CONSTRUCTION PROVIDE APPROPRIATE SUPERVISION THROUGHOUT THE PROJECT. CONSTRUCTION SITE SAFETY, INCLUDING ALL ADEQUATE TEMPORARY BRACING AND SHORING, IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO EMPLOY THE NECESSARY PROFESSIONAL SERVICES TO DETERMINE THE NECESSARY METHODS AND SUPPORTS REGARDING FORMING AND CONSTRUCTION LOADS. TEMPORARY BRACING AND SHORING SHALL BE DESIGNED TO RESIST ALL CONSTRUCTION LOADS INCLUDING THE WEIGHTS OF ALL SUPPORTED MATERIALS PLUS A LIVE LOAD OF 50 PSF ON HORIZONTAL SURFACES. MAINTAIN TEMPORARY BRACING AND RETAIN IN PLACE UNTIL PERMANENT	1) PROVIDE CLEANOUT OPENING AT THE BOTTOM OF REINFORCED MASONRY CELLS THAT ARE BEING FILLED TO ENSURE THAT THE CELL IS FILLED. PROVIDE DEEP HOLES AT 1/3 AND 2/3 OF SPAN. 2) ALL BLOCK MASONRY WALLS SHALL HAVE 3 GAUGE HORIZONTAL REINFORCEMENT 1" DUR-O-WALL LADDER TYPE SPACED 16" ON CENTER. USE PREFABRICATED CORNERS AND TEES BY DUR-O-WALL AT CORNERS AND JUNCTIONS OF WALLS. MASONRY UNITS SHALL BE 2 CELL HOLLOW UNITS CONFORMING TO ASTM C-90 WITH COMPRESSIVE STRENGTH OF Fc=1800 P.S.I. ON THE NET CROSS-SECTIONAL AREA AND SHALL BE LAID IN RUNNING BOND. 3) MORTAR SHALL COMPLY WITH ASTM 210 MORTAR TYPE S. Fm=1500 PSI. 4) WHERE ANCHOR BOLTS ARE SET IN MASONRY WALL, FILL TWO BLOCK CELLS WITH GROUT @ ANCHOR BOLT LOCATIONS. 5) GROUT USED IN THE WORK SHALL CONFORM TO ASTM C416 WITH A SLUMP MIX OF 8" TO 11", PROVIDE CLEANOUT AND INSPECTION HOLES AT FILLED CELLS AT BOTTOM COURSE. CONTRACTOR TO CONSOLIDATE GROUT LIFTS WITH 3/4" VIBRATOR. 6) POUR GROUT IN LIFTS NOT TO EXCEED 4'. 7) GROUT USED IN THE WORK SHALL OBTAIN A MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI IN 28 DAYS. GROUT SHALL COMPLY WITH ASTM C416.	PRIOR TO ANY FABRICATION, SHOP DRAWINGS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR REVIEW AND SPECIFICATIONS. ALL CODES AND SPECIFICATIONS SHALL BE LATEST EDITION AT TIME OF PERMIT. 1. STEEL JOIST 2. STRUCTURAL STEEL	THE OWNER SHALL RETAIN THE SERVICES OF AN INDEPENDENT GEOTECHNICAL ENGINEER TO VERIFY SOIL CONDITIONS ARE SAND & ROCK WITH A MIN. BEARING CAPACITY OF 2500 PSF. SHOULD OTHER CONDITIONS OR MATERIALS BE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED PRIOR TO PROCEEDING WITH THE WORK. THE ENGINEER SHALL SUPPLY A LETTER ATTESTING THAT THE SITE HAS BEEN OBSERVED & FOUNDATION CONDITIONS ARE SIMILAR TO THOSE UPON WHICH THE DESIGN IS BASED ON.
REINFORCING STEEL NOTES	DESIGN LOADS	STRUCTURAL DESIGN CRITERIA	
1) REINFORCING STEEL fy = 60,000 P.S.I. fs = 24,000 P.S.I. Es = 29,000,000 P.S.I. Em = 1350,000 P.S.I. N = EXEM = 2149 2) REINFORCING STEEL SHALL CONFORM TO ASTM A-615 GRADE 60. REINFORCING STEEL SHALL BE DETAILED AND FABRICATED ACCORDING TO THE "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES". HOOK ALL DISCONTINUOUS TOP REINFORCING.	WIND DESIGN PER ASCE 7-05 MEAN ROOF HEIGHT: 3.20'-2" WIND DESIGN SPEED: 146 MPH EXPOSURE CATEGORY: C BRIDGE DESIGN LOADS: DEAD LOAD: 15 PSF LIVE LOAD: 30 PSF UPLIFT PRESSURES ZONES 1 AND 2 & 3 ZONE 1: 5329 PSF ZONE 2: 15.0 PSF ZONE 3: 15.0 PSF	1) THE DESIGN COMPLIES WITH THE REQUIREMENTS OF THE FBC 2001 EDITION AND OTHER REFERENCED CODES AND SPECIFICATIONS. ALL CODES AND SPECIFICATIONS SHALL BE LATEST EDITION AT TIME OF PERMIT. APPLICABLE CODES: A. FLORIDA BUILDING CODE 2001 EDITION B. ACI 308-05 REINFORCED CONCRETE C. REINFORCED MASONRY BY ACI 530-05 AND E. WIND ANALYSIS AND DESIGN PER ASCE 7-05.	
		STRUCTURAL STEEL	
		1. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING GRADES: A. ALL WFL, ANGLE, BASE PLATES, CONN. PLATES (WFL)---ASTM A36 (Fy=36 KSI) B. STRUCTURAL TUBE---ASTM A500, GRADE B (Fy=48 KSI) C. STEEL PIPE---ASTM A53, GRADE B (Fy=35 KSI) 2. GROUT FOR COLUMN BASE PLATES SHALL BE NON-METALLIC NON-SHRINK GROUT SUCH AS MASTER FLOW 115, AS MANUFACTURED BY MASTER BUILDERS OR APPROVED EQUAL. 3. ALL WELDING SHALL CONFORM TO THE REQUIREMENTS OF THE STANDARD CODE FOR WELDING IN BUILDING CONSTRUCTION OF THE AMERICAN WELDING SOCIETY. ALL WELDING SHALL BE PERFORMED BY CERTIFIED WELDERS USING E70-XX ELECTRODES.	

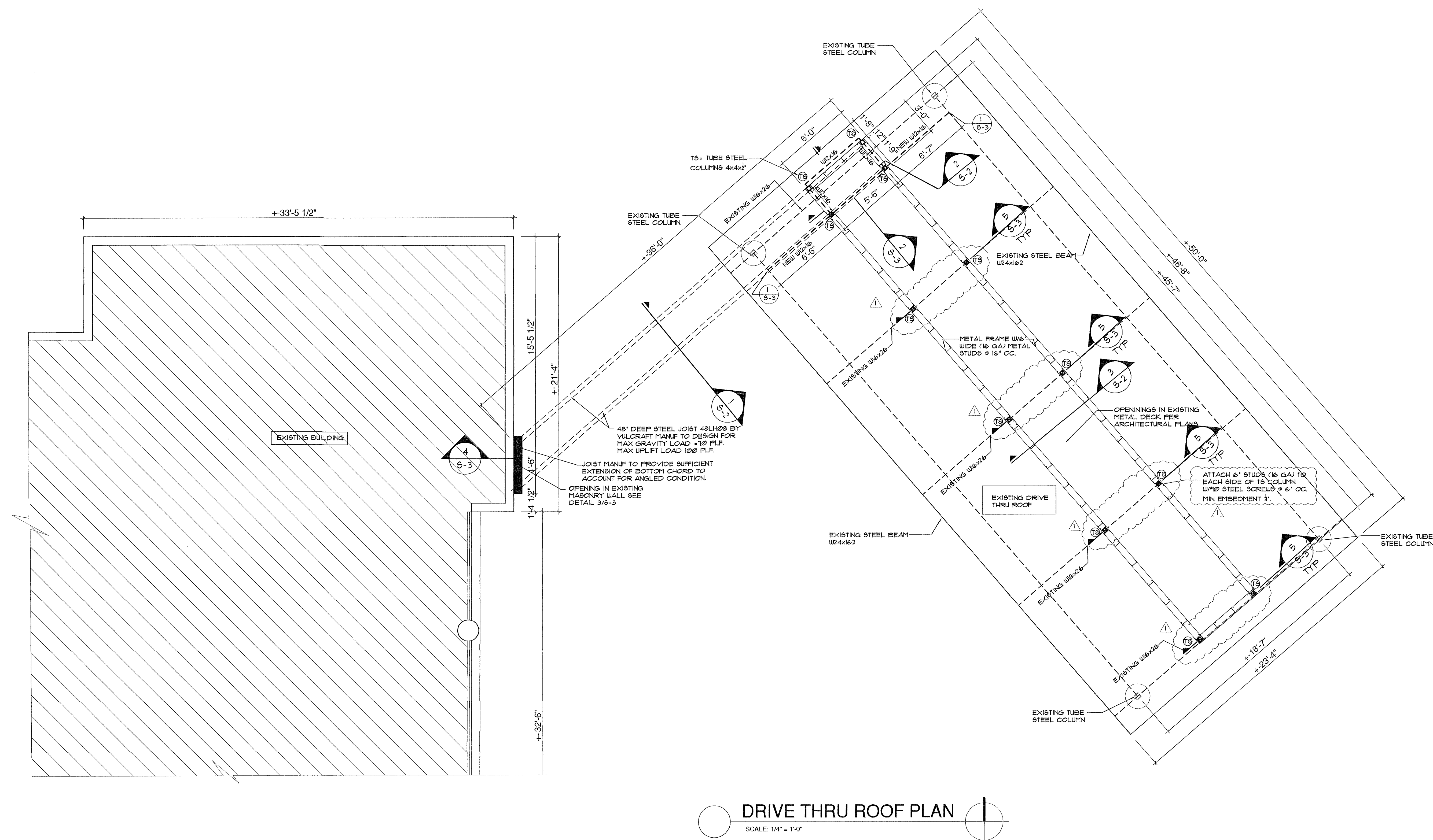
Alex Kondrat & Associates, Inc.
Alex Kondrat - P.E. #58086
13311 SW 103 Ter
Miami, Florida 33186
Ph. (305) 387-5770 Fax. (305) 387-5769

TRANSFER BRIDGES
FOR
WACHOVIA ALTON ROAD
BRANCH TELLER
AT
1901 ALTON ROAD
MIAMI BEACH, FL

MARK	DATE	DESCRIPTION
A.B.	AS-BUILT	
R.A.P.	REVISION AFTER PERMIT	
S.B.C.	BUILDING DEPT. COMMENTS	
C.C.	COORDINATION CHANGES	
P.S.	PERMIT SET	
D.A.	DESIGN DEVELOPMENT	
P.H.	PUBLIC HEARING	
S.P.R.	SITE PLAN REVIEW	

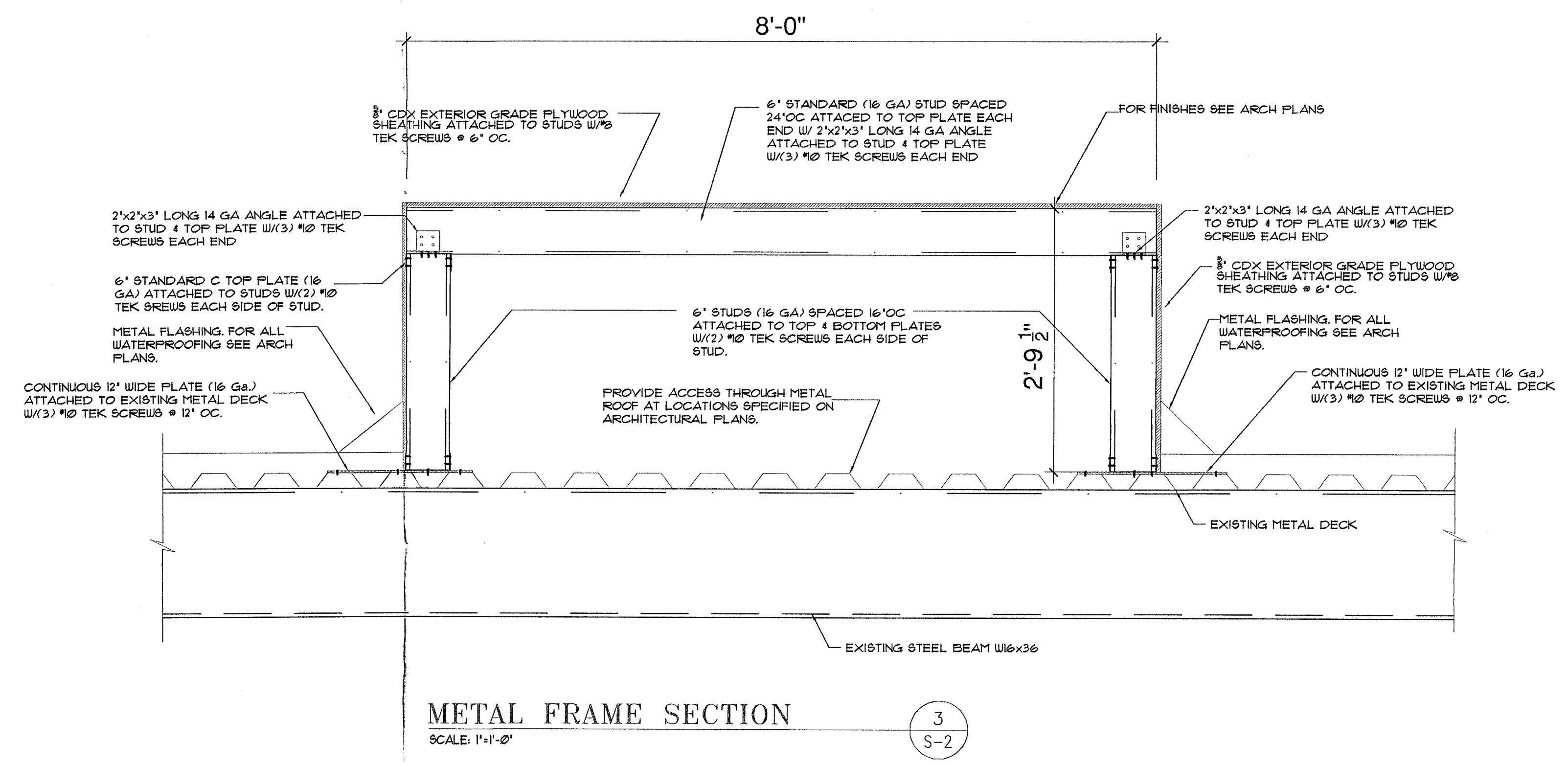
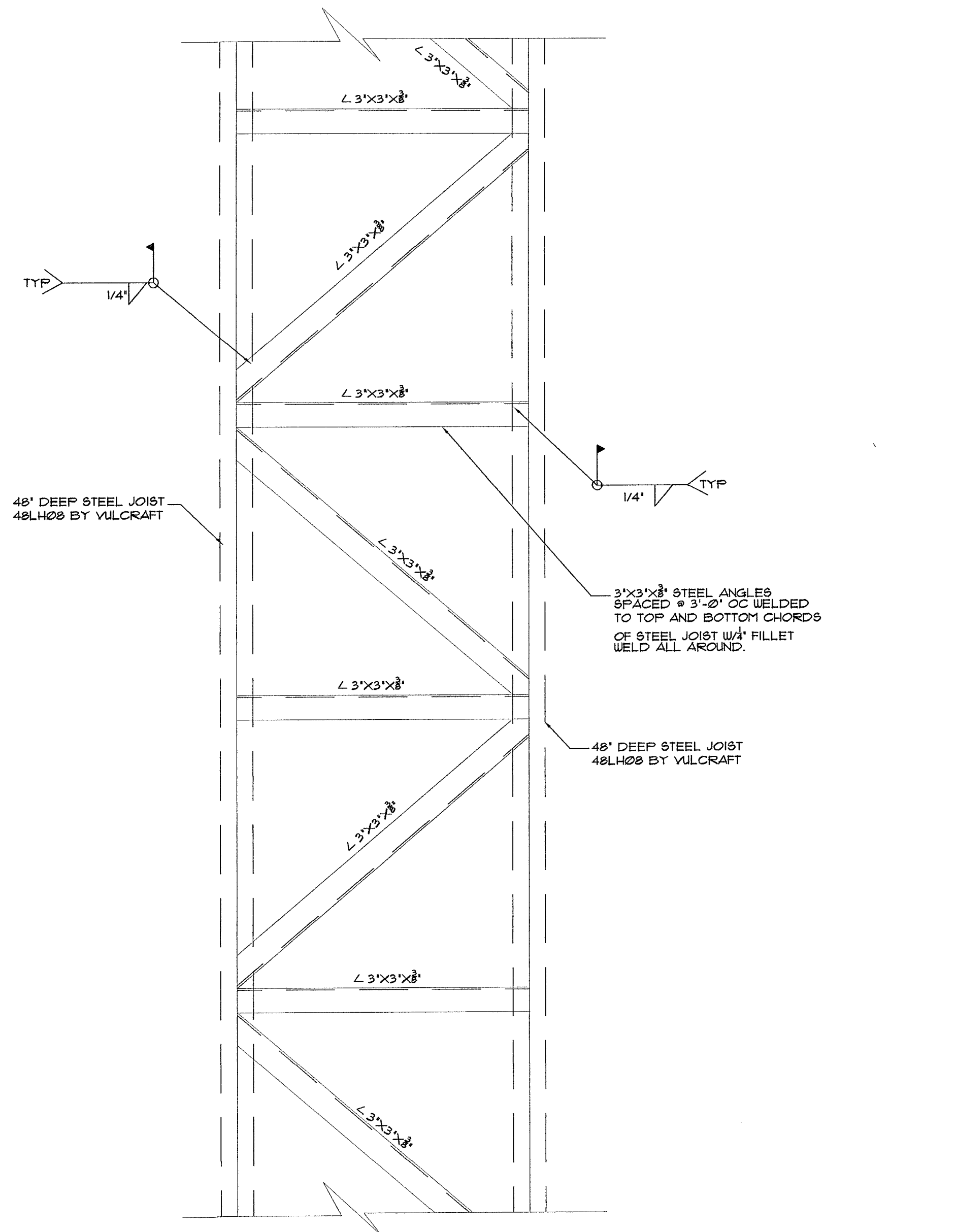
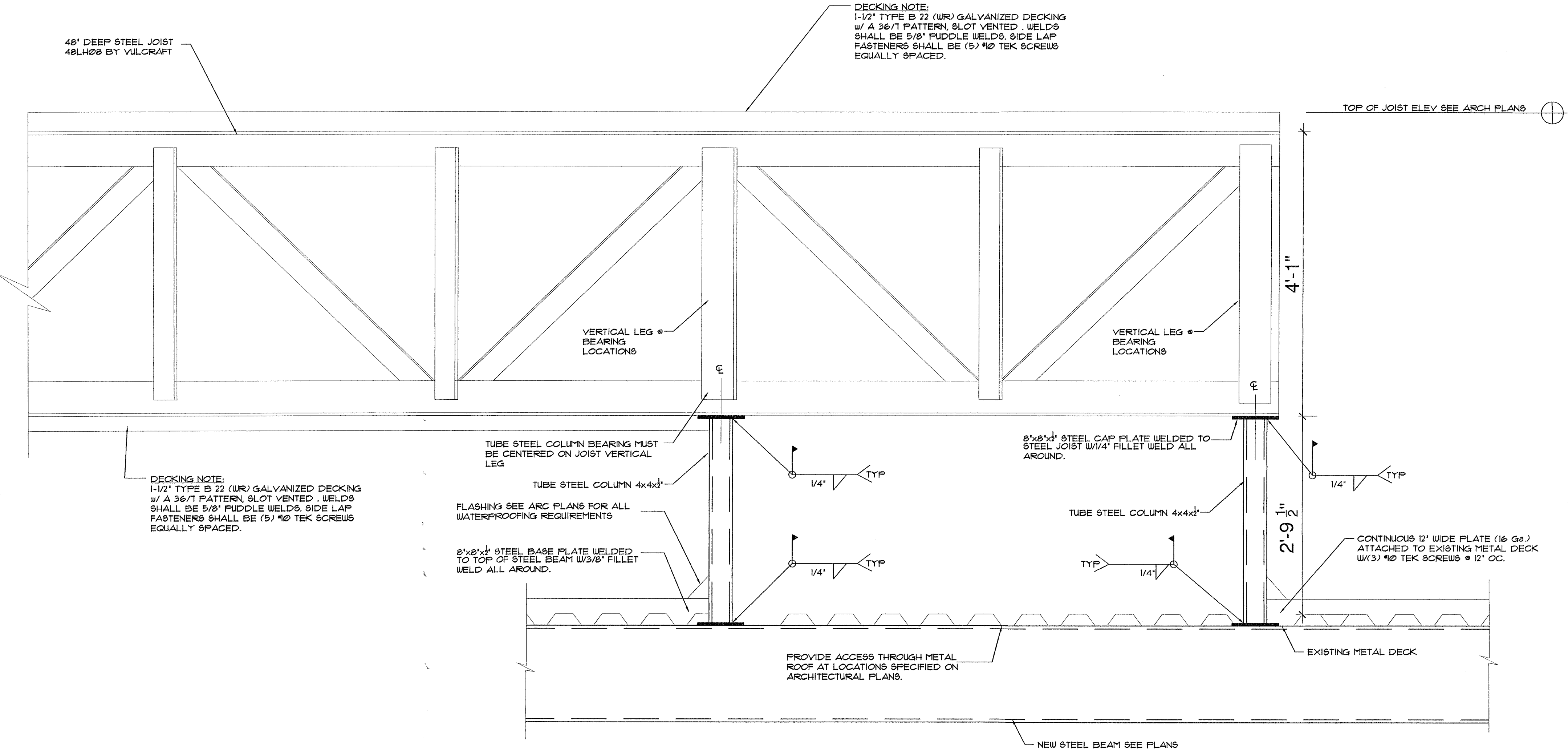
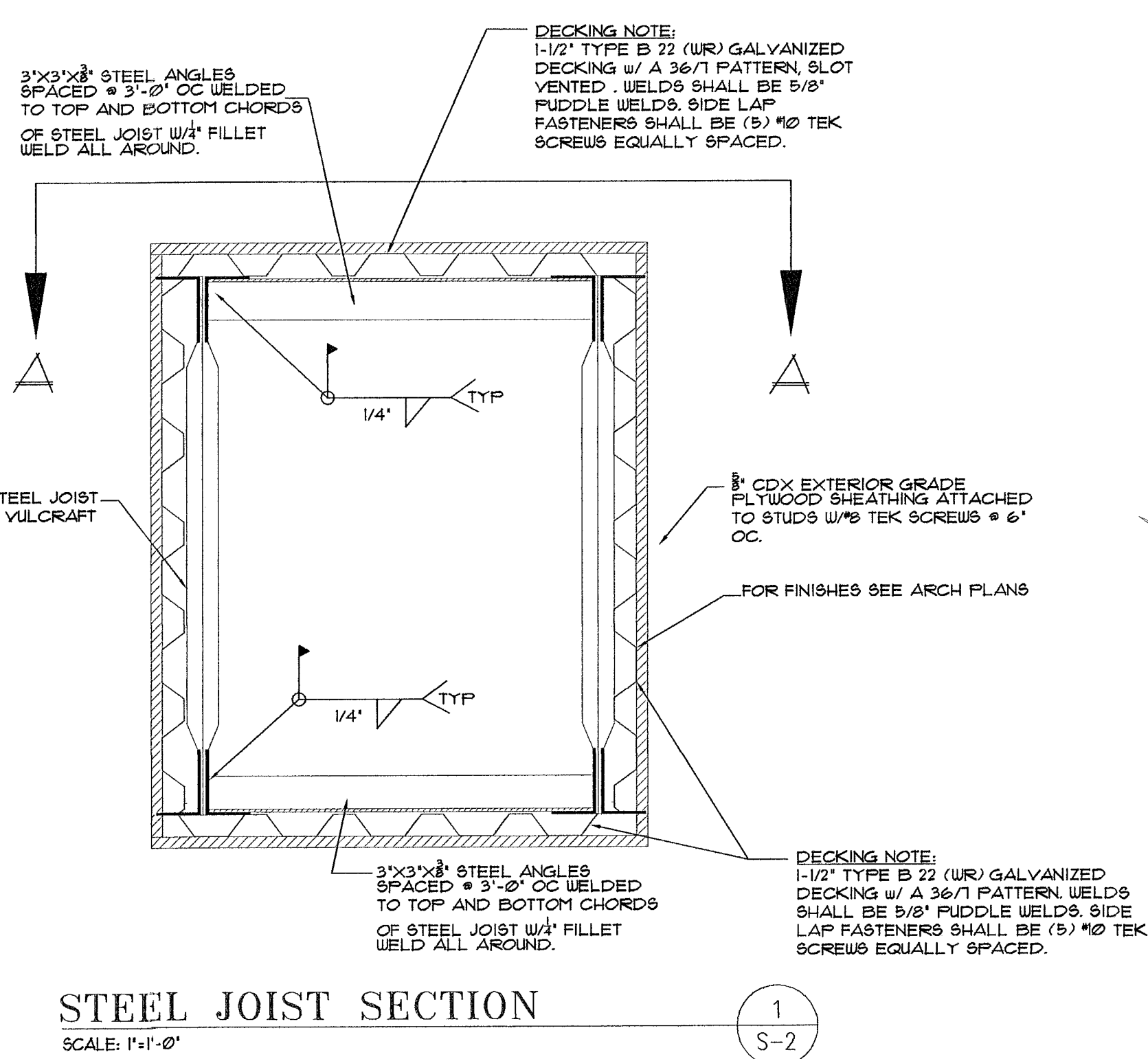
PROJECT No. _____
DRAWN BY: _____
CHECKED BY: _____

SHEET TITLE
FOUNDATION PLAN
S-0
SHEET OF

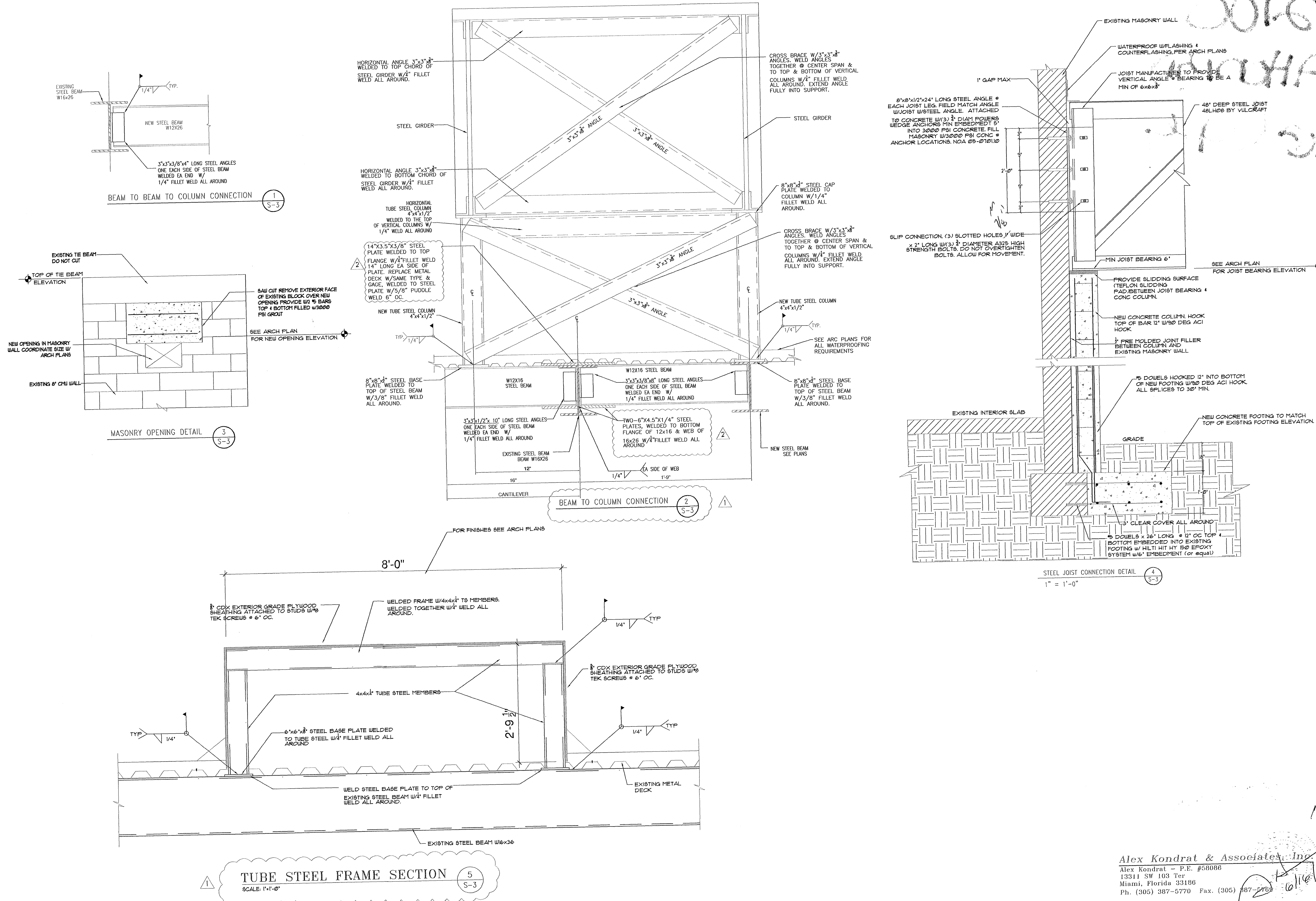


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MARK	DATE	DESCRIPTION
A.B.	AS-BUILT	
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OFFICE COPY
CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY
THE FOLLOWING:

BUILDING:	<u>1/15/06/22/11</u>
ZONING:	<u>26/22/11</u>
DRB/HPB:	
CONCURRENCY:	
PLUMBING:	<u>1/06/22/11</u>
ELECTRICAL:	<u>06/22/11 NA</u>
MECHANICAL:	<u>06/22/11</u>
FIRE PREVENTION:	<u>06/22/11</u>
ENGINEERING:	<u>06/22/11</u>
PUBLIC WORKS:	<u>06/22/11</u>
STRUCTURAL:	<u>06/22/11</u>
ELEVATOR:	