



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 COMPLIANT ATM/NIGHT DEPOSIT ROOM
RELOCATED

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

Total Estimated Construction Cost * for New Construction: _____

Total Estimated Construction Cost* for Alteration / Repair: \$125,000

997 Sq. Ft.

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

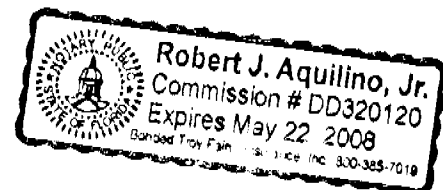
Sworn to and subscribed 2 day of JANUARY
2008 by: Lourdes Echemendia

Personally known to me: or Procured Identification

Type of Identification: _____

DID TAKE OATH DID NOT TAKE OATH

[Signature]
Signature of Notary Public

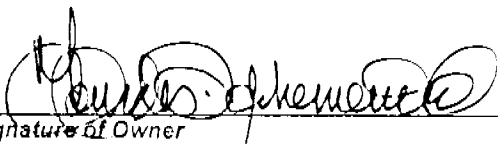


*Note: It is the intention of the City of Miami Beach to use the Architect's Estimate of Construction Cost as a "Good Faith" estimate for the purpose of calculating the initial permit fee. The City agrees to hold the Architect and/or Owner harmless from any liability, professional or otherwise due to 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

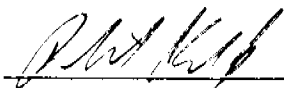
COUNTY OF DADE

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 AFIP CHANDLER 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 AFIP CHANDLER (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

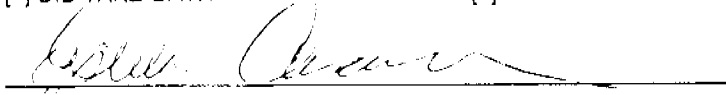
COUNTY OF DADE

Sworn to and subscribed 2 day of July
2008, by: AFIP Chandler

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: <u>ELEMENTS</u>	Sheet: 1 of
• Project: <u>WALKWAYS ALONG ROAD</u>	Date: <u>9/18/07</u>
•	Engr: <u>DT</u>
•	
•	

LOADS

8" SLAB 100 PSF
 L.L. 100 PSF

SIZE GIRL

WALKWAYS S=12'-0"

$$W = [1.4(100) + 1.7(100)]S + 1.2(1.4) + 1.5(1.5)1.4 = 2.44 \text{ klf}$$

$$M = \frac{2.44(12)^2}{10} = 35.1 \text{ k} \quad \Delta_{D0} = \frac{35.1}{4(15)} = .58 \text{ in}^2 \quad 2 \#6 = 1.32 \text{ in}^2$$

$$V_w = 6(2.44) = 14.6 \text{ k} \quad V_c = \frac{18(15)2\sqrt{F_{cm}}}{1000} = 38.2 \text{ k} \quad \#3 @ 8" \text{ OK}$$

USE 18" X 18" W/ 2 #6 @ 8" & #3 @ 8"

CK SLAB

S=10'-0"

$$W_w = 1.4(100) + 1.7(100) = 3.1 \text{ klf}$$

$$M_w = \frac{3.1(10)^2}{10} = 3.1 \text{ k} \quad \Delta_{D0} = \frac{3.1}{4(15)} = .16 \text{ in}^2/\text{ft} \quad \#3 @ 8" = .31 \text{ in}^2/\text{ft}$$

USE 8" SLAB W/ #3 @ 8" PART OF #3 TOP AS SHOWN

DOUGLAS B. TIMMONS
 FL P.E. # 39259

SEP 18 2007



CORNERSTONE ENGINEERING PARTNERSHIP



Structural Engineers
12924 S.W. 114 Court
Miami, Florida 33176
Phone (708) 236-4712
Fax (305) 255-1729
e-mail: Timmonsdt@aol.com
CA#00005743

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

• Client: ELEMENTS

Sheet: 2 of

• Project: HAVENVIEW APT. #0

Date: 9/12/01

•

Engr: DT

•

•

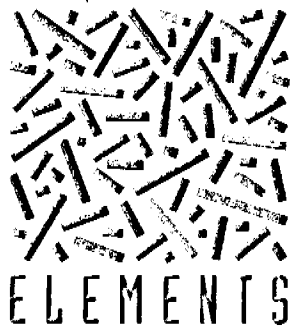
CK PILE

$$\Delta = 7.5(9) \cdot 2 + .15(1.5)^2(9) = 16.2K$$

15 TOU OK

DOUGLAS B. TIMMONS
FL P.E. # 39259

SEP 18 2007



ARCHITECTS • ENGINEERS • INTERIORS

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 INTERIOR DESIGN INC.

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 INC./RUPDRUBER

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 sidesexceed 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 - INTERIOR 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.

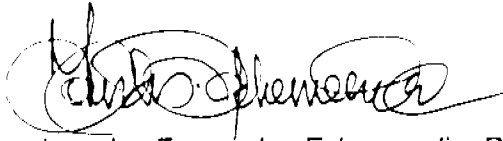
Response

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: AEIFL@aol.com

December 12, 2007

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

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

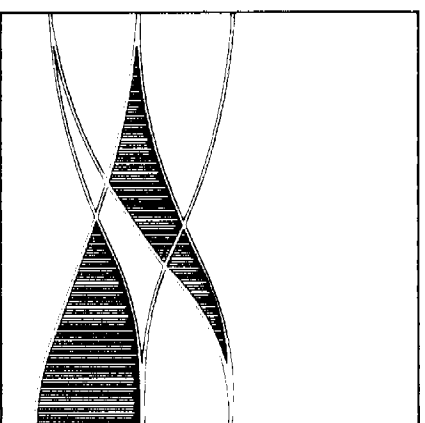
1901 ALTON ROAD MIAMI BEACH, FLORIDA

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.

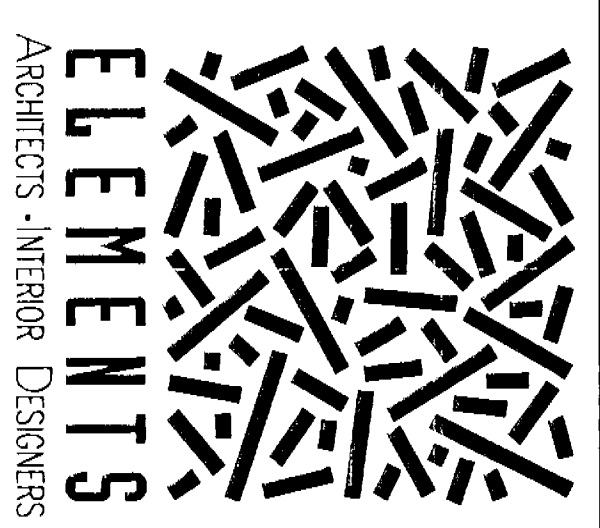
BUILDING CODES: FLORIDA BUILDING CODE, 2004 EDITION
2004 FLORIDA FIRE PREVENTION CODE
NFPA 101, LIFE SAFETY CODE, 2003 EDITION

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 ARCHITECTS
1699 CORAL WAY, SUITE 503
MIAMI, FLORIDA 33145
PHONE: 305-858-5858
FAX: 305-858-5850

SEPTEMBER 7, 2007
PROJECT NUMBER 07-080

DRAWINGS INDEX

- COVER
- ARCHITECTURAL
 - A0.0 GENERAL INFORMATION, VICINITY MAP 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
 - EI.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 when approved subject to compliance with all Federal, State, and Local Laws, Rules, and Regulations.

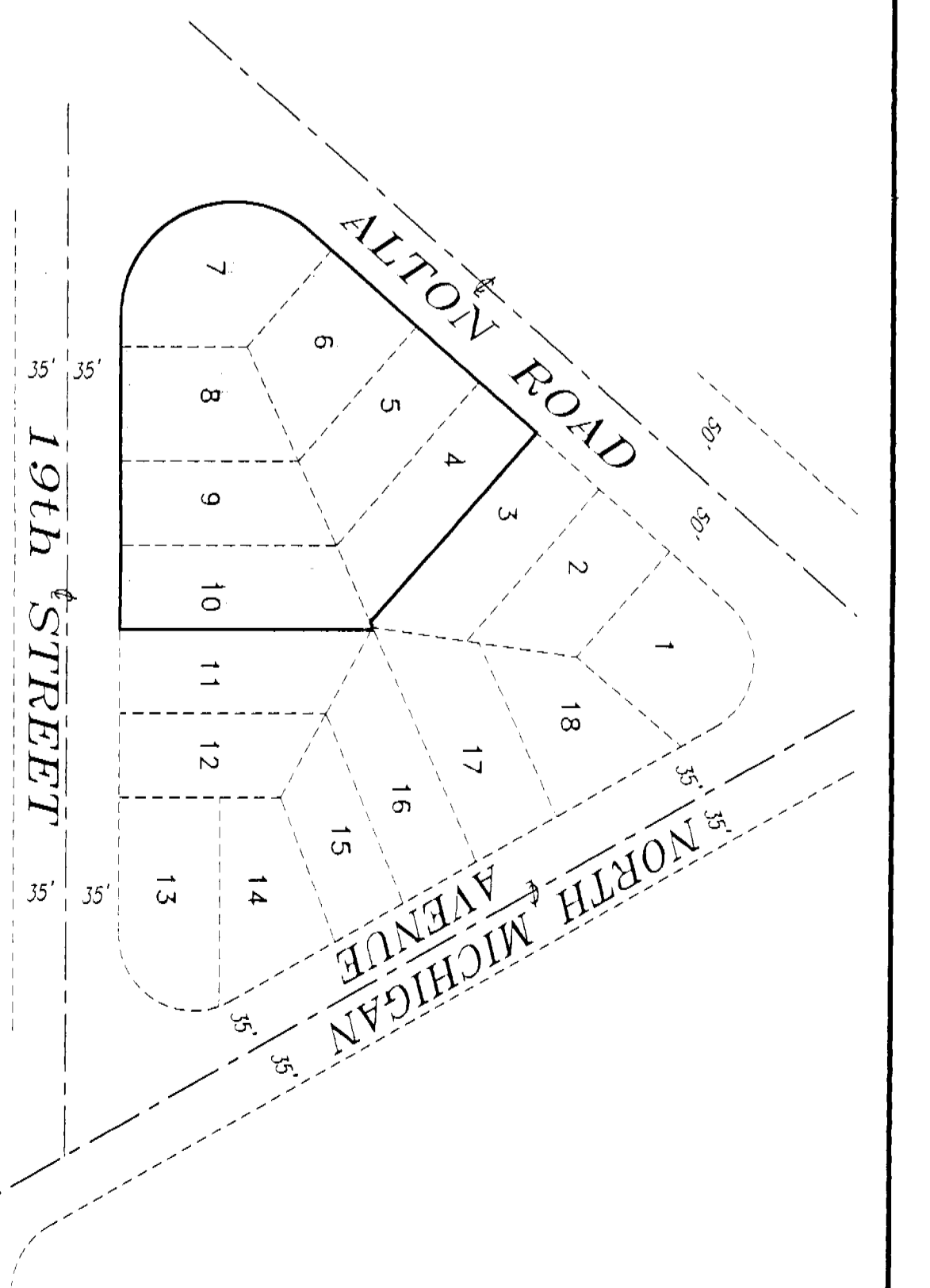
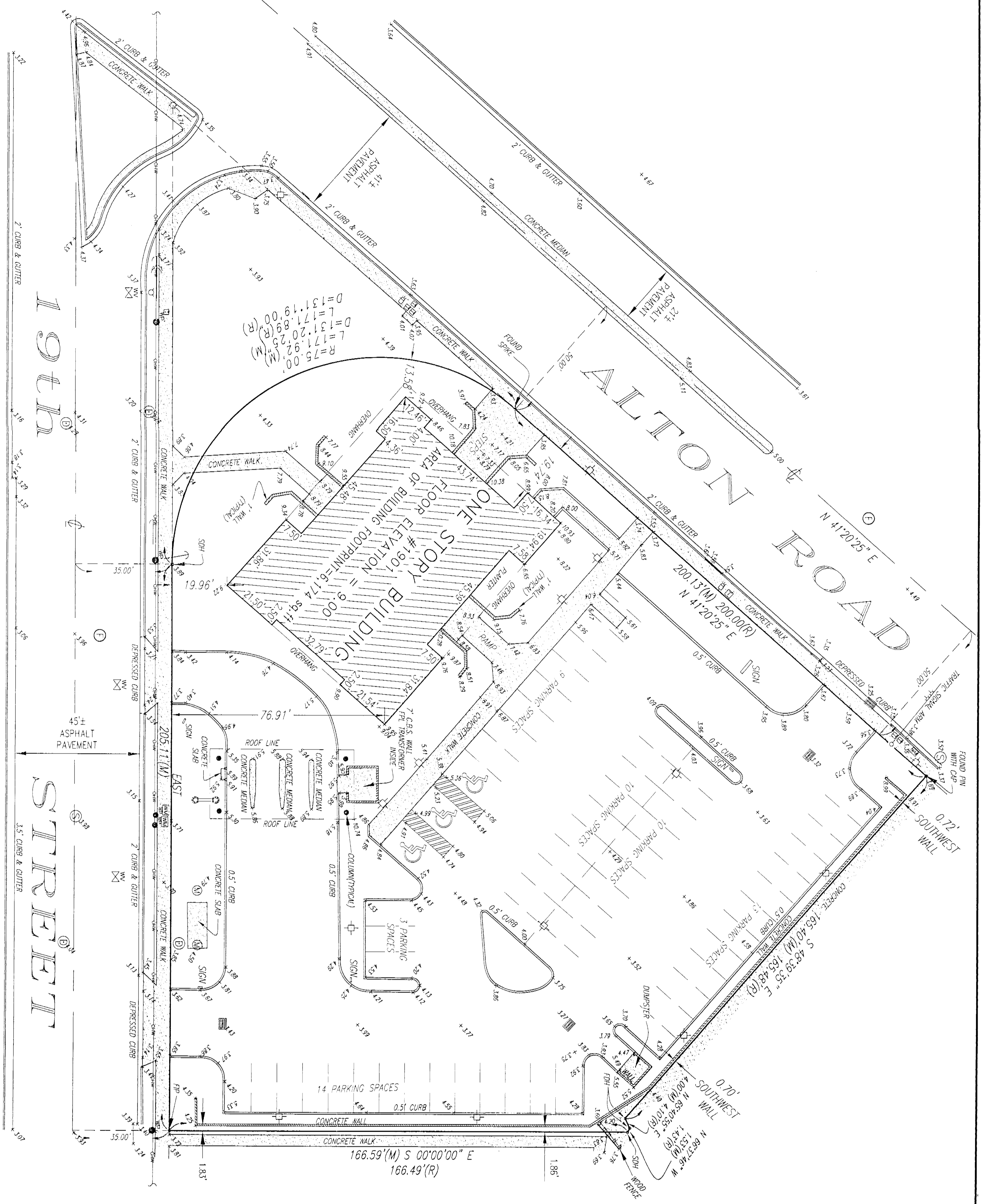
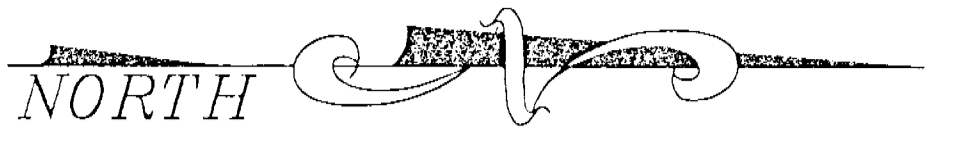
48 HOURS PRIOR TO EXCAVATING CONTRACTOR SHALL CALL FOR LOCATION OF UNDERGROUND UTILITIES SHOWN ON ONE-CALL 1-800-432-4279 OR OF MIAMI BEACH 305-673-7900

PLANNING DIVISION
PHONE 305-673-7900 FAX 305-673-7900
THIS PLAN REVIEW CONTRACTOR'S APPROVAL FOR CONSTRUCTION OF THIS PROJECT IS LIMITED TO THE PERMIT AREA ONLY.
ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF MIAMI BEACH PERMIT RULES AND REGULATIONS. A SEPARATE PERMIT SHALL BE OBTAINED FOR ANY OTHER WORK TO BE PERFORMED ON THE SITE.
BY: *[Signature]* DATE: 11/10/07

[Signatures]
11/10/07
11/10/07

12/3/07 - BUILDING DEPT COMMENT

11-01-07-2008



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.
- 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 F.L.R.M. COMMUNITY PANEL NO.120851 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, N.G.V.D., 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 25± SOUTH OF CENTER LINE OF DADE BOULEVARD 63± EAST OF CENTER LINE BAY ROAD. ELEVATION = 11.06

LEGEND:	
•	DENOTES WOOD POWER POLE
□	DENOTES TRAFFIC SIGNAL BOX
⊕	DENOTES METAL LIGHT POLE
⊖	DENOTES LIGHT POLE
⊙	DENOTES GUY WIRE
⊛	DENOTES WATER VALVE
⊜	DENOTES WATER METER
⊝	DENOTES FIRE HYDRANT
⊞	DENOTES CATCH BASIN
⊟	DENOTES STORM DRAINAGE MANHOLE
⊠	DENOTES SANITARY SEWER MANHOLE
⊡	DENOTES DOUBLE REJECTION CHECK VALVE
⊢	DENOTES SET DRAIN LAKE
⊣	DENOTES FLOOD ROW PER NO. 618
⊤	DENOTES EXISTING ASPHALT
⊥	FOUND DRILL HOLE
⊦	DENOTES PVI MANHOLE
⊧	DENOTES MANHOLE
⊨	DENOTES TRAFFIC LIGHT POLE
⊩	DENOTES MISGUIDED
⊪	DENOTES RECORD
⊫	DENOTES BOUNDS
⊬	DENOTES ARC LENGTH
⊭	DENOTES DELTA OF CURVE

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. This survey complies with the Minimum Technical Standards adopted by the Florida State Board of Surveyors and Mappers pursuant to Chapter 61G17-6, Florida Administrative Code.

Schweblke Spiskin & Associates, Inc.
 Mark Steven Johnson, Sec. V & Treas.
 Professional Land Surveyor #4175
 State of Florida

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

This is a "Boundary/Topographic Survey"
 NOTE: Authentic copies of this drawing will bear the raised seal of the creating Professional Land Surveyor or Professional Engineer.

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.

Schweblke Spiskin & Associates, Inc.
 LAND PLANNERS • ENGINEERS • LAND SURVEYORS (L&E&S)
 8240 CORPORATE WAY MIRAMAR, FLORIDA • 33025 • TEL. NO. (954) 435-7010 • FAX NO. (954) 438-9288

Registered Land Surveyor No. _____ State of Florida
 Registered Professional Engineer No. _____ State of Florida

Order No. 182781
 Drawn By: E.A.C. Date: 07/27/06
 File No. AI-4484
 Scale: 1" = 20'
 Sheet No. 1 of 1 Sheet

GENERAL NOTES

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 BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND LICENSES FOR ALL MATERIALS AND EQUIPMENT AS SHOWN ON THE DRAWINGS AND FOR THE PROTECTION OF ALL EXISTING UTILITIES AND EQUIPMENT.
3. THE GENERAL CONTRACTOR SHALL VERIFY THE PERMITS AND THROUGHLY FAMILIARIZE HIMSELF WITH ALL UTILITIES OF THE WORK AND PROTECT ALL EXISTING UTILITIES AND EQUIPMENT. THE CONTRACTOR SHALL NOT COVER OR REMOVE ANY UTILITIES OR EQUIPMENT BEFORE CONSTRUCTION OF THE WORK. THE CONTRACTOR SHALL NOT COVER OR REMOVE ANY UTILITIES OR EQUIPMENT BEFORE CONSTRUCTION OF THE WORK. THE CONTRACTOR SHALL NOT COVER OR REMOVE ANY UTILITIES OR EQUIPMENT BEFORE CONSTRUCTION OF THE WORK.
4. ALL DIMENSIONS SHOWN ON THE DRAWINGS SHALL BE VERIFIED BY THE CONTRACTOR. THE CONTRACTOR SHALL NOT COVER OR REMOVE ANY UTILITIES OR EQUIPMENT BEFORE CONSTRUCTION OF THE WORK. THE CONTRACTOR SHALL NOT COVER OR REMOVE ANY UTILITIES OR EQUIPMENT BEFORE CONSTRUCTION OF THE WORK.
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 DOCUMENTS.
7. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR AND OBTAIN 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 ANY SUB CONTRACTOR TO CONSULT THE CONTRACT DOCUMENTS AND DETERMINE THE SCOPE OF HIS WORK IN RELATION TO OTHER CONTRACTORS AND TRADES.
9. ALL ITEMS OF EXISTING WORK WHICH ARE TO REMAIN AND ARE DAMAGED OR REMOVED BECAUSE OF WORK DONE UNDER THIS CONTRACT INCLUDING INTERIOR AND EXTERIOR FINISHES, TRIM, FIXTURES AND FURNISHINGS SHALL BE REPAIRED OR REPLACED TO MATCH EXISTING ADJACENT WORK.
10. ANY DAMAGE TO BUILDINGS, FURNITURE AND PUBLIC SOLIDS, STAIRWAYS, CONCRETE AREAS, FENCES, LANS AREAS, TREES, SHRUBBERY, POLES, UNDERGROUND UTILITIES, ETC. SHALL BE RESTORED TO THE ORIGINAL CONDITION BY THE CONTRACTOR AT HIS OWN EXPENSE.
11. DEBRIS AND WASTE MATERIAL, GENERATED BY THE CONTRACTOR 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 RETAIN SALVAGEABLE MATERIALS.
12. STORAGE OF MATERIALS OR EQUIPMENT FOR THE WORK SHALL BE AT THE CONTRACTOR'S RISK AND EXPENSE.
13. CONTRACTOR SHALL ADJUST ALL INTERIOR AND EXTERIOR DOORS THAT HAVE CLOSERS. IF A DOOR HAS A CLOSER THEN THE SETTING OF THE CLOSER SHALL BE ADJUSTED SO THAT THE DOOR CLOSERS ARE SET TO THE CORRECT POSITION. THE DOOR CLOSERS SHALL BE SET TO A FORCE FOR PUSHING OR PULLING OPEN A DOOR SHALL BE AS FOLLOWS: EXTERIOR DOORS CAN BE PUSHED OR PULLED OPEN WITH A FORCE NOT EXCEEDING 95 LBS. INTERIOR DOORS TO OPEN ARE RESPONSIBLE TO OPEN WITH A FORCE NOT EXCEEDING 5 LBS. INTERIOR DOORS TO OPEN ARE RESPONSIBLE TO OPEN WITH A FORCE NOT EXCEEDING 5 LBS. INTERIOR DOORS TO OPEN ARE RESPONSIBLE TO OPEN WITH A FORCE NOT EXCEEDING 5 LBS. INTERIOR DOORS TO OPEN ARE RESPONSIBLE TO OPEN WITH A FORCE NOT EXCEEDING 5 LBS.
14. WALL MOUNTED THE EXHIBITORS TO BE 3'-6" MAX. Ht. AT BOTTOM.
15. THIS DRAWING PACKAGE IS BASED ON DOCUMENTS, SPECIFICATIONS AND RELATED INFORMATION PROVIDED BY THE OWNER OR OWNER'S AGENT. THE ARCHITECT WILL NOT BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION (IE BLUE PRINTS, AS-BUILT'S DRAWINGS, CAD 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 UNOBTAINED SANITARY. MATERIALS AND WORKMANSHIP FOR A CONTRACTOR SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE ARCHITECT FOR ALL WORK UNDER THE CONTRACT. BEFORE THE PERIOD OF WORKMANSHIP COMMENCES, THE CONTRACTOR SHALL OBTAIN APPROVAL FOR THE TRADE CONTRACT OR PRODUCT, WHICHEVER IS LOWER.
18. THE ARCHITECT SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THESE DRAWINGS AS EXISTING BUILDING SHALL BE RESPONSIBLE FOR THE CONDITION OF THE EXISTING BUILDING, MECHANICAL, ELECTRICAL, PLUMBING AND HEAT.

ABBREVIATIONS

ABV	ABOVE	EA	FACE ALIGHT	MA	MATERIAL
AC	AIR CONDITIONING	FC	FLOOR FINISH	MB	MATERIAL
ACAS	ACROSTIC	FD	FLOOR PAINT	MAU	MATERIAL
AD	ADJUSTABLE	FDG	FLOOR GRAB BAR	MAV	MATERIAL
ADD	ADDITIONAL	FDC	FLOOR COVERING	MBL	MATERIAL
ADU	ADJUSTABLE UNIT	FDE	FLOOR DECK	MBR	MATERIAL
AGGR	AGGREGATE	FDF	FLOOR FINISH	MC	MATERIAL
AGG	AGGREGATE	FDE	FLOOR DECK	MCB	MATERIAL
AL	ALTERNATE	FDC	FLOOR COVERING	MCU	MATERIAL
ALT	ALTERNATE	FDE	FLOOR DECK	MD	MATERIAL
ALU	ALUMINUM	FDF	FLOOR FINISH	ME	MATERIAL
ALV	ALUMINUM VALVE	FDC	FLOOR COVERING	MEB	MATERIAL
AMP	APPROVED	FDE	FLOOR DECK	MEU	MATERIAL
APP	APPROVED	FDF	FLOOR FINISH	MF	MATERIAL
APR	APPROVED	FDC	FLOOR COVERING	MG	MATERIAL
ASPH	ASPHALT	FDE	FLOOR DECK	MH	MATERIAL
AT	AT	FDF	FLOOR FINISH	MIL	MATERIAL
AV	AUDIO VISUAL	FDC	FLOOR COVERING	MILK	MATERIAL
BID	BIDDING	FDE	FLOOR DECK	MI	MATERIAL
BIDS	BIDDING	FDF	FLOOR FINISH	ML	MATERIAL
BIF	BIFOLD	FDC	FLOOR COVERING	MM	MATERIAL
BI	BELOW FINISHED FLOOR	FDE	FLOOR DECK	MMB	MATERIAL
BO	BEAM	FDF	FLOOR FINISH	MMU	MATERIAL
BOB	BOILER	FDC	FLOOR COVERING	MN	MATERIAL
BOB	BOILER	FDE	FLOOR DECK	MO	MATERIAL
BOB	BOILER	FDF	FLOOR FINISH	MOB	MATERIAL
BOB	BOILER	FDC	FLOOR COVERING	MOD	MATERIAL
BOB	BOILER	FDE	FLOOR DECK	MOU	MATERIAL
BOB	BOILER	FDF	FLOOR FINISH	MPL	MATERIAL
BOB	BOILER	FDC	FLOOR COVERING	MPLK	MATERIAL
BOB	BOILER	FDE	FLOOR DECK	MP	MATERIAL
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BOB	BOILER	FDF	FLOOR FINISH	MPV	MATERIAL
BOB	BOILER	FDC	FLOOR COVERING	MPV	MATERIAL

Notes:

Revisions:

1. 12/15/07 - BUILDING DEPT COMMENTS

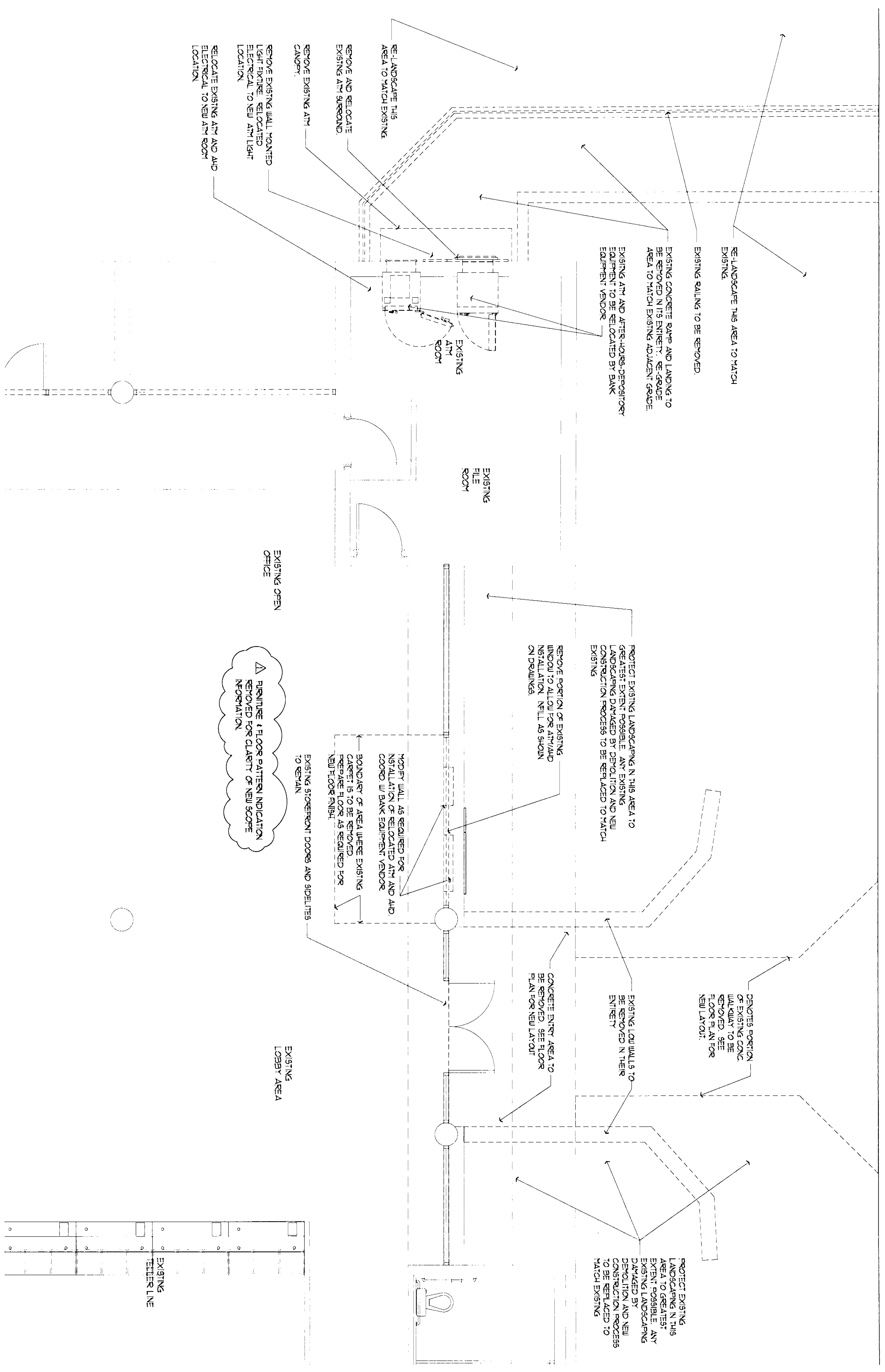
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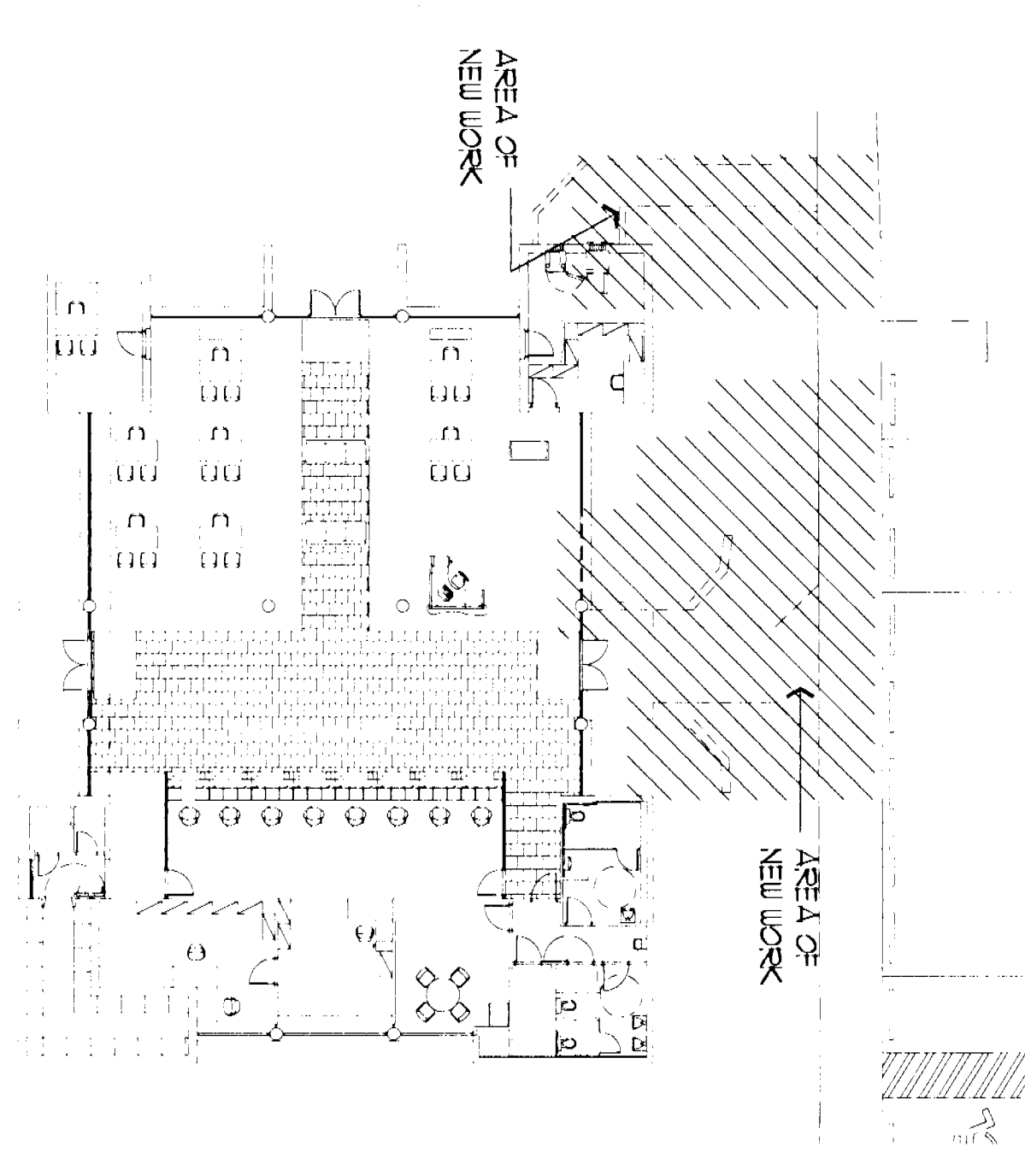
Consultants: [Firm Name]

DEMOLITION NOTES

1. THE GENERAL CONTRACTOR IS RESPONSIBLE TO REPAIR OR REPLACE EXISTING FINISHES THAT ARE DAMAGED BY DEMOLITION AND/OR INHABITABLE FOR NEW FINISHES.
2. REMOVE EXISTING BASE AT ALL FLOOR AREAS SCHEDULED TO RECEIVE NEW FLOOR FINISH ONLY.
3. REMOVE ALL EXISTING CARPETING AND UNDERLAYMENT UNLESS NEW FLOOR FINISH IS INDICATED. CONTRACTOR SHALL REPAIR AND REFINISH EXISTING FLOOR SLAB AS REQUIRED FOR INSTALLATION OF NEW FLOOR FINISH AT NO ADDITIONAL COST.
4. THE GENERAL CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL ITEMS OF NEW WORK WITH THE EXISTING BUILDING CONDITIONS. NECESSARY REMOVE AND RELOCATE ANY ITEMS THAT PREVENT THE PROPER INSTALLATION OF NEW WORK AS DESCRIBED BY THESE DOCUMENTS ABOVE. ARCHITECT OF ALL CONTRACTOR'S RECORD TO RELOCATION OF ANY ITEMS.
5. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT ALL EXISTING WORK. GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT ALL EXISTING WORK TO BE REPAIRED OR REPLACED TO ADDITIONAL COST TO OWNER. DAMAGED EXISTING FINISHES DAMAGED BECAUSE OF DEMOLITION SHALL BE REPLACED TO MATCH EXISTING ITEM.
6. THE OWNER SHALL BE PROVIDED WITH BEST PRACTICE OF SERIAL FOR ALL SALVAGEABLE MATERIALS SUCH AS BANK EQUIPMENT DOORS AND HARDWARE. DRAINING PIPINGS FINISHES ETC.
7. THE REMOVAL OF ANY EXISTING MISCELLANEOUS BANKING EQUIPMENT NOT CALLED OUT IN THESE DOCUMENTS SHALL BE VESSELED AND COORD WITH OWNER.
8. PROTECT SITE 9 TO BE LEFT BROOD CLEAN AT ALL TIMES.
9. GENERAL CONTRACTOR TO BE RESPONSIBLE TO COORDINATE THE PROPER REMOVAL OF ALL UNUSED POWER DATA ELEC AND ALL BANK EQUIPMENT BACK TO PANEL BOX COORDINATE WITH ALL BANK EQUIPMENT VENDORS DATA ELEC CONTRACTORS AND SECURITY VENDORS.
10. REMOVE ALL EXISTING ACROUSTICAL TILE CEILING (GROD) ASSOCIATED SUPPORTS AND MISCELLANEOUS CEILING FINISHES (INSO) UNLESS NEW CEILING HAS SPECIFIED.
11. REMOVE ALL LIGHT FIXTURES IN CEILING TO BE DEMOLISHED. DISPOSE OF FIXTURES AND LIGHT TUBES OFF SITE AS REQUIRED.
12. COORDINATE THE REMOVAL OF ALL PERSONS WITH VENDORS.



KEY PLAN



ELEMENTS

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WACHOVIA

ALTON ROAD BRANCH

1801 ALTON ROAD

MIAMI BEACH, FLORIDA

Drawing No: 0418

9-17-07

01-030

Drawing Title/Scale/Drawn by BDL

DEMOLITION PLAN

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

Notes:

Revisions:
7/27/07 - BUILDING DEPT COMMENTS
7/27/07 - CORRECT WALL DETAILS

Seal:

[Signature]
12/13/07

Louisa Ferrante, Esq.
Architect
Consultants:
Louisa Ferrante, Esq.

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ELEMENTS Studio License #A10022941

WACHOVIA

ALTON ROAD BRANCH
1801 ALTON ROAD
MIAMI BEACH, FLORIDA
Drawing No./Date 9/27/07

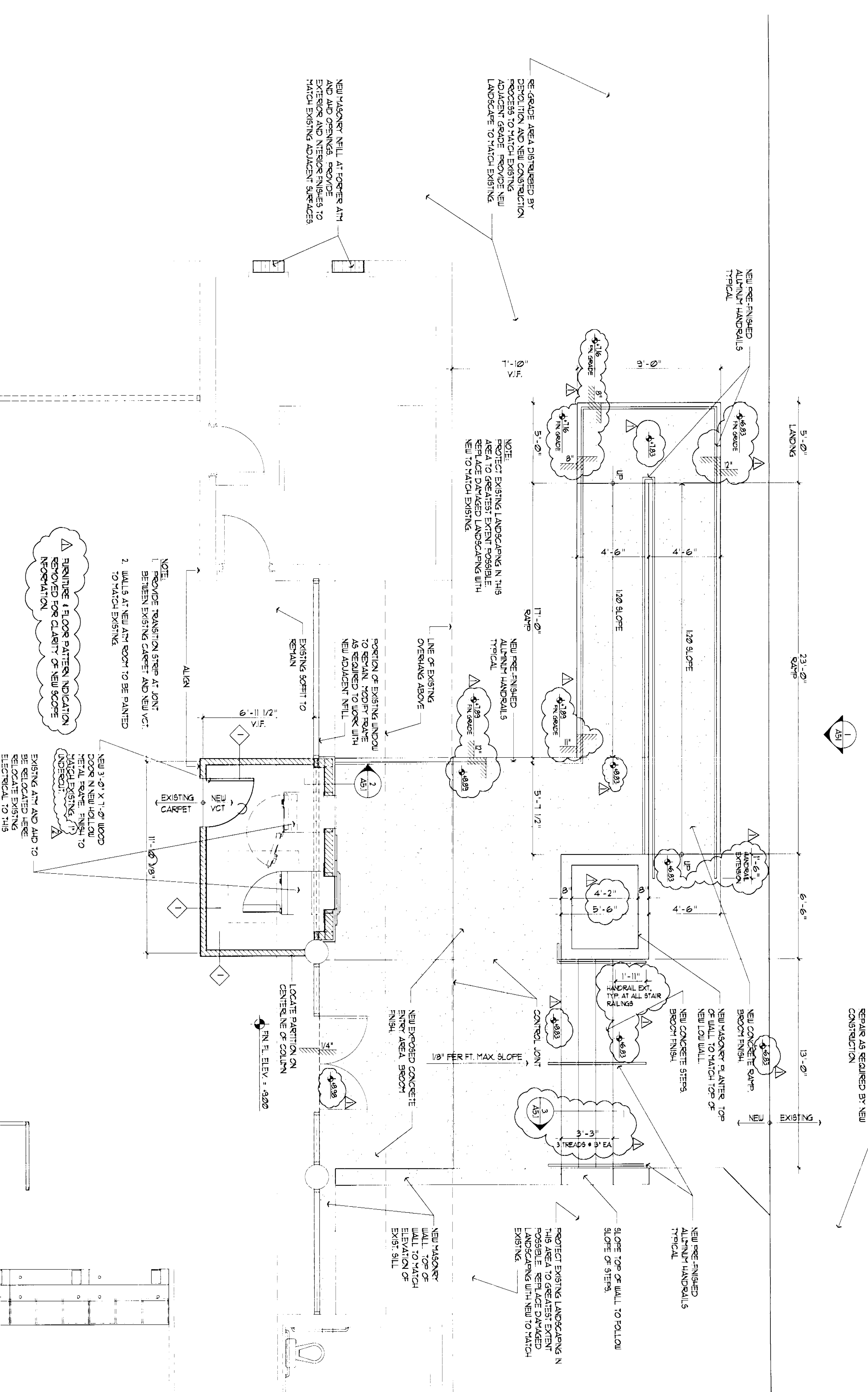
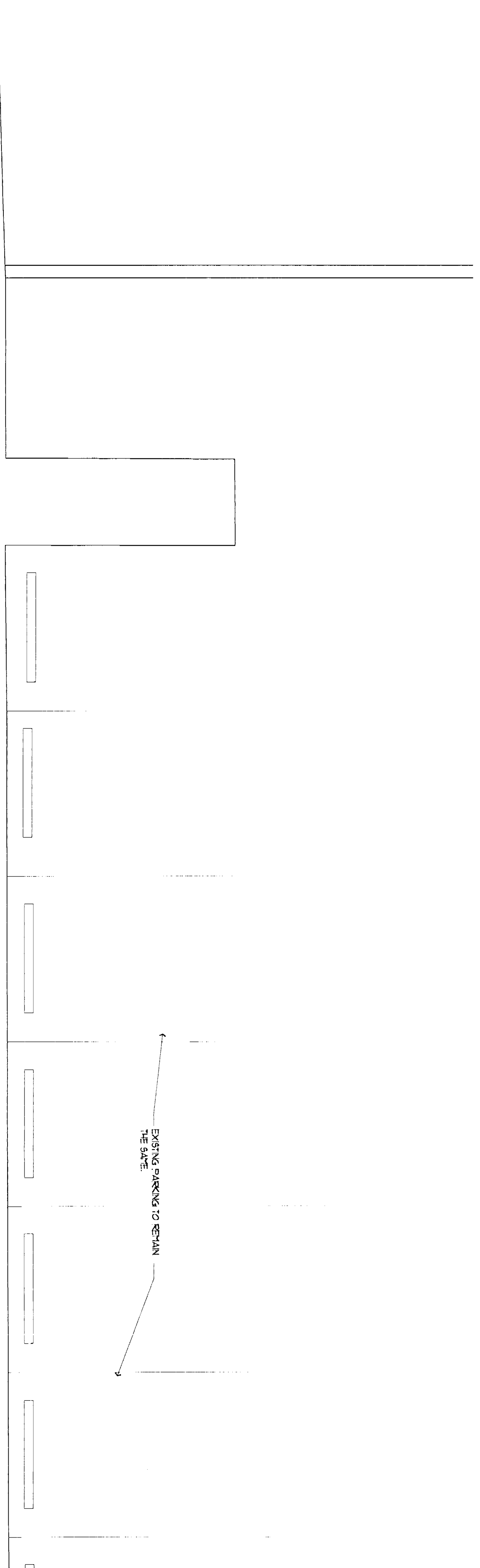
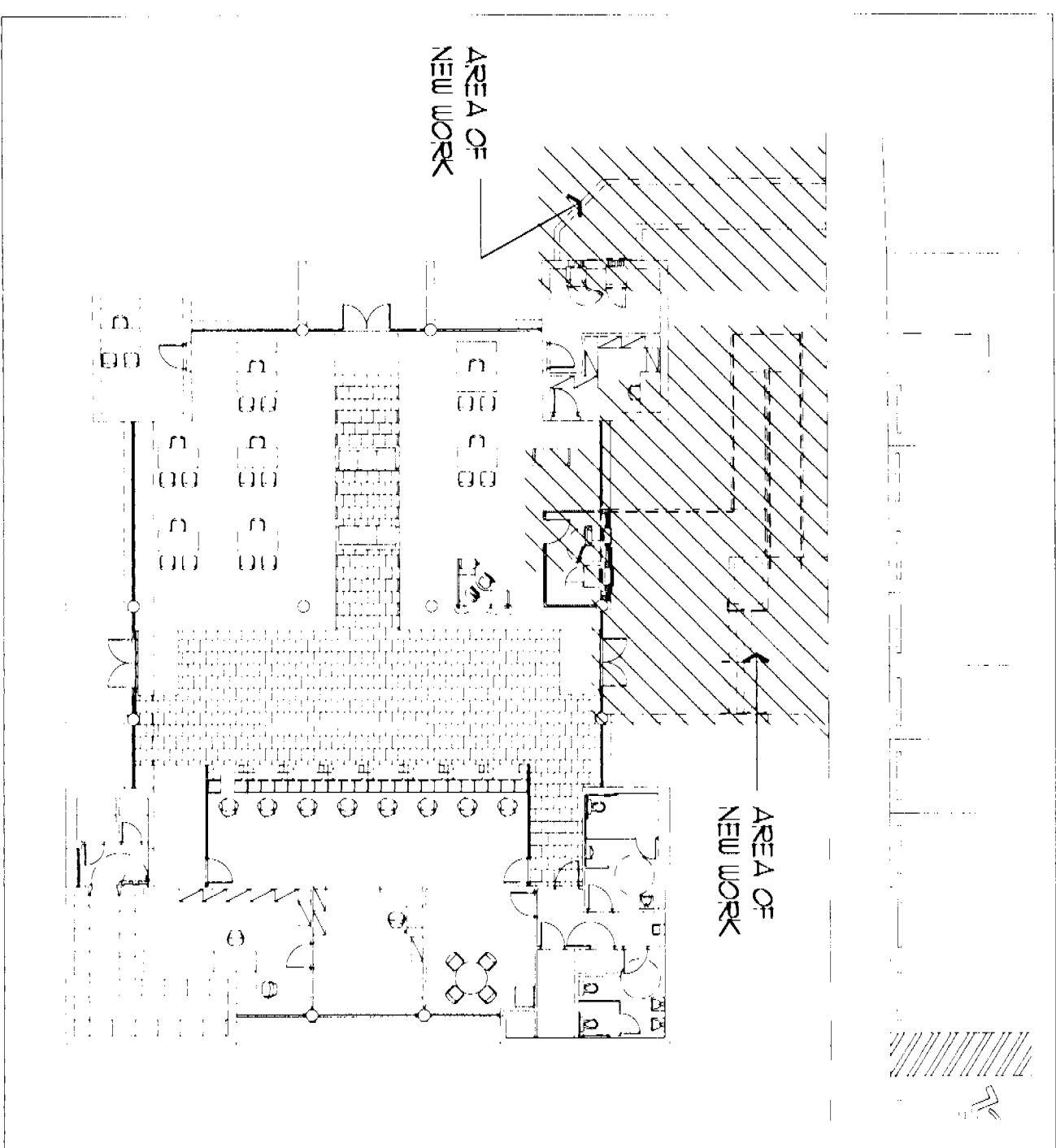
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01-080
Drawing Title/Scale/Drawn by LEE
FLOOR PLAN
SCALE: 1/4" = 1'-0"

WALL TYPE LEGEND	
SYMBOL	DESCRIPTION
	NEW MESH WALL TYPE FOR ADDITIONAL REINFORCEMENT
	NEW CMU WALL AT EXISTING OPENINGS

GENERAL NOTES:

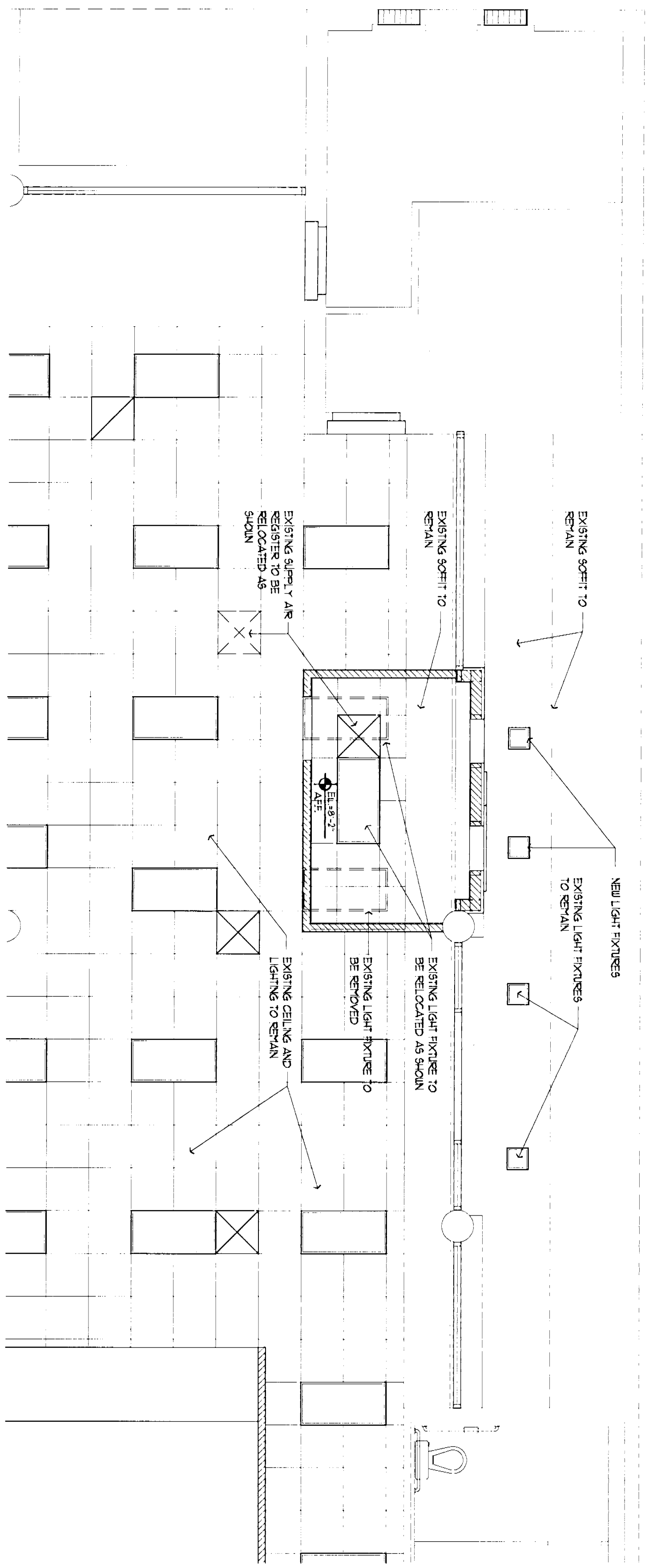
- DO NOT SCALE DRAWINGS DIMENSIONS GOVERN. LARGE SCALE DETAILS GOVERN OVER SMALL SCALE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR SEEING THAT NEW CONSTRUCTION CONFORMS TO ALL APPLICABLE STATE AND MUNICIPAL CODES INCLUDING ALL STATE LOCAL APPLICABLE REQUIREMENTS OF THE STANDARD BUILDING CODE, FLORIDA ACCESSIBILITY GUIDELINES AND THE AMERICANS WITH DISABILITIES ACT.
- CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS PRIOR TO FABRICATION (TYPICAL).
- PROVIDE WALL BRACKETS AS NECESSARY FOR ALL WALL JOINTS. CABINETS, FINISHES, EQUIPMENT, AND FURNITURE.
- STAR AND GEAR WALLS AND GIRDERS SHALL BE DESIGNED TO RESIST A LOAD APPLIED IN ANY DIRECTION AT THE TOP OF SUCH WALLS AT ANY LOCATION ON THE SHEILDED JOINT/CORNER CONDITION PROVIDES THE HIGHEST STRESSES FABRICATION (TYPICAL).



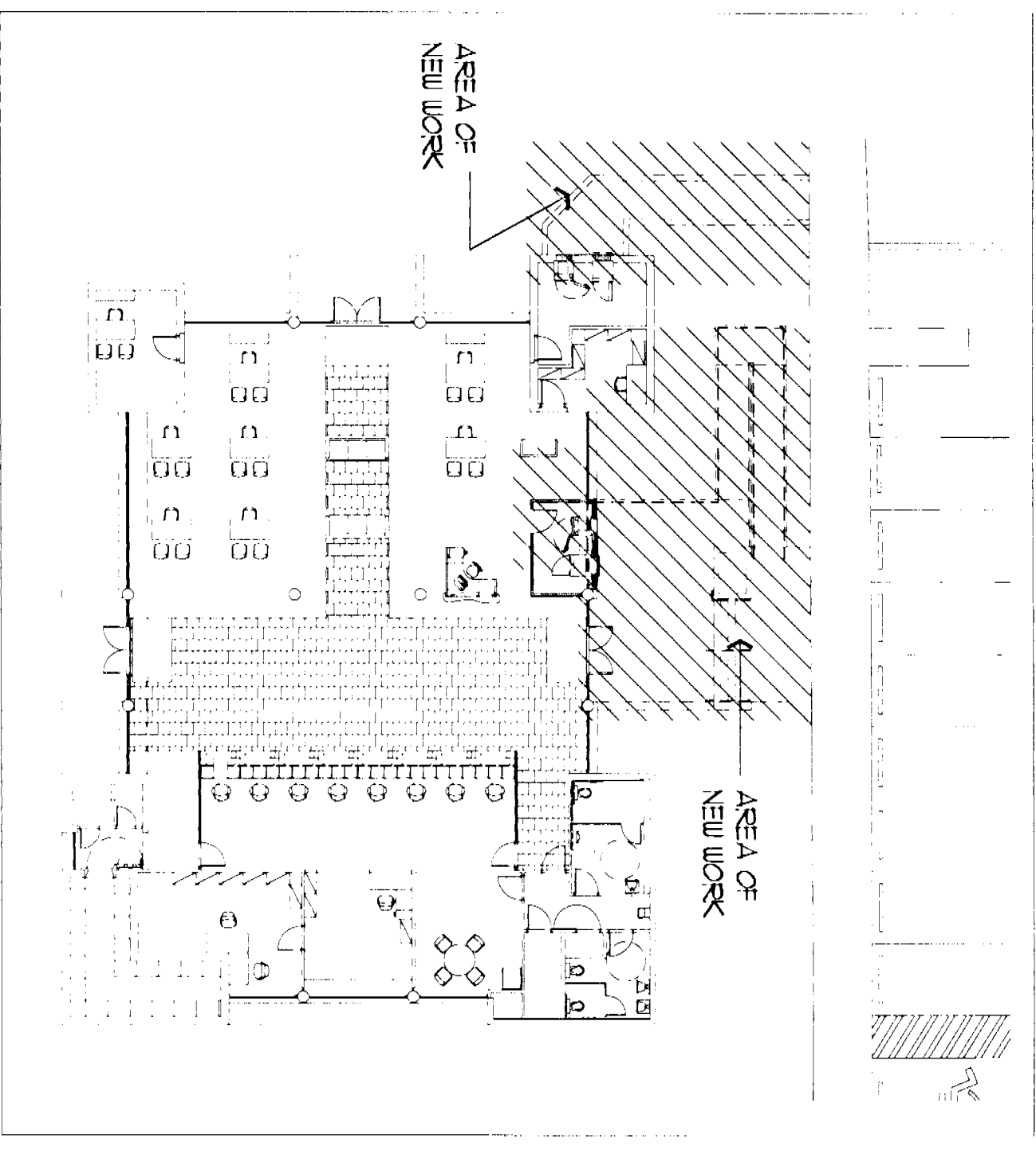
1 FLOOR PLAN
SCALE: 1/4" = 1'-0"

REFLECTED CEILING LEGEND

SYMBOL	DESCRIPTION	COMMENT
	2'x4' CEILING MOUNTED SPOT LIGHT FIXTURE SHADING INDICATES FACE	
	BATTERY POWERED EMERGENCY LIGHTING INT. SE ELEC FOR TYPE	
	DOWN LIGHT (RECESSED SURFACE) SE ELEC FOR TYPE	
	RECESSED DUAL-LAMP TRACK LIGHTING FOR TRACK LIGHTING SE ELEC FOR TYPE	
	1'x4' CEILING MTD (RECESSED SURFACE) FLUORESCENT FIXTURE SE ELEC FOR TYPE	
	2'x4' CEILING MTD. EXISTING	
	2'x4' CEILING MOUNTED (RECESSED SURFACE) FLUORESCENT FIXTURE (EMERGENCY LIGHTING FIXTURE) SE ELEC FOR TYPE	
	1'x4' CEILING MOUNTED (RECESSED SURFACE) FLUORESCENT FIXTURE (EMERGENCY LIGHTING FIXTURE) SE ELEC FOR TYPE	
	1'x4' CEILING MTD (RECESSED SURFACE) FLUORESCENT FIXTURE SE ELEC FOR TYPE	
	GYPSUM BOARD CEILING	
	STUCCO CEILING	
	EXPOSED STRUCTURE ABOVE	
	2'x2' CEILING GRID, EXISTING	
	AC SUPPLY (24'x24' OR AS INDICATED)	
	RETURN AC SUPPLY (24'x24' OR AS INDICATED)	
	EXHAUST FAN	
	CEILING HEIGHT ABOVE FINISH FLOOR	



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



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

Notes:

Revisions:

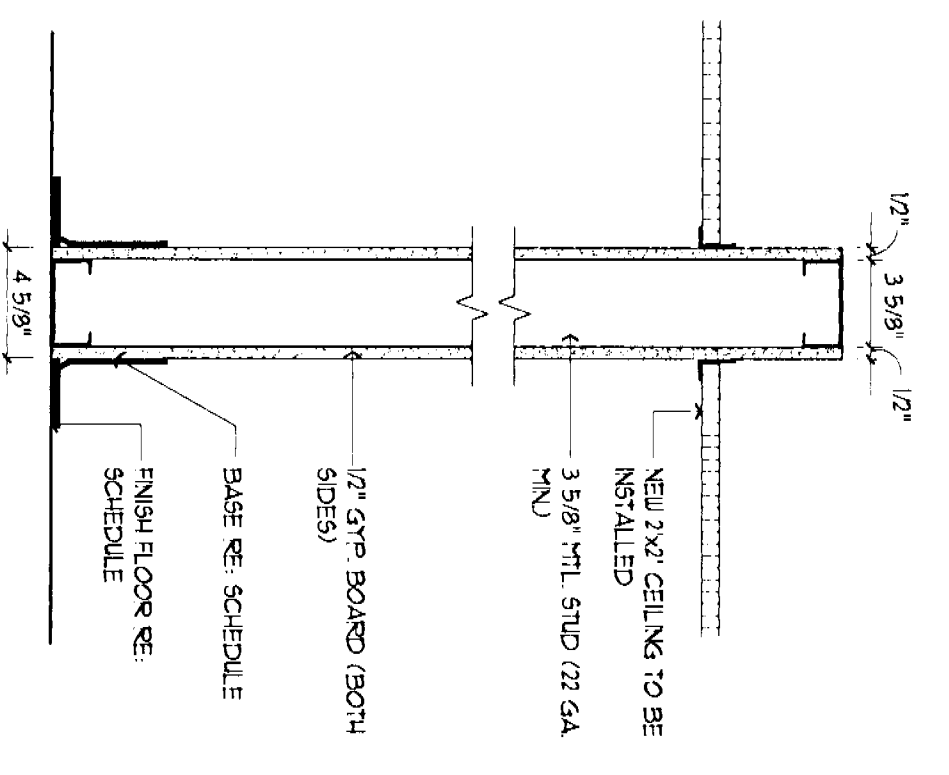
Seal:

Lorena Fernandez Eschmunda
Architect License #A0004424
CONSULTANTS:
Lorena Fernandez Eschmunda
9/11/01

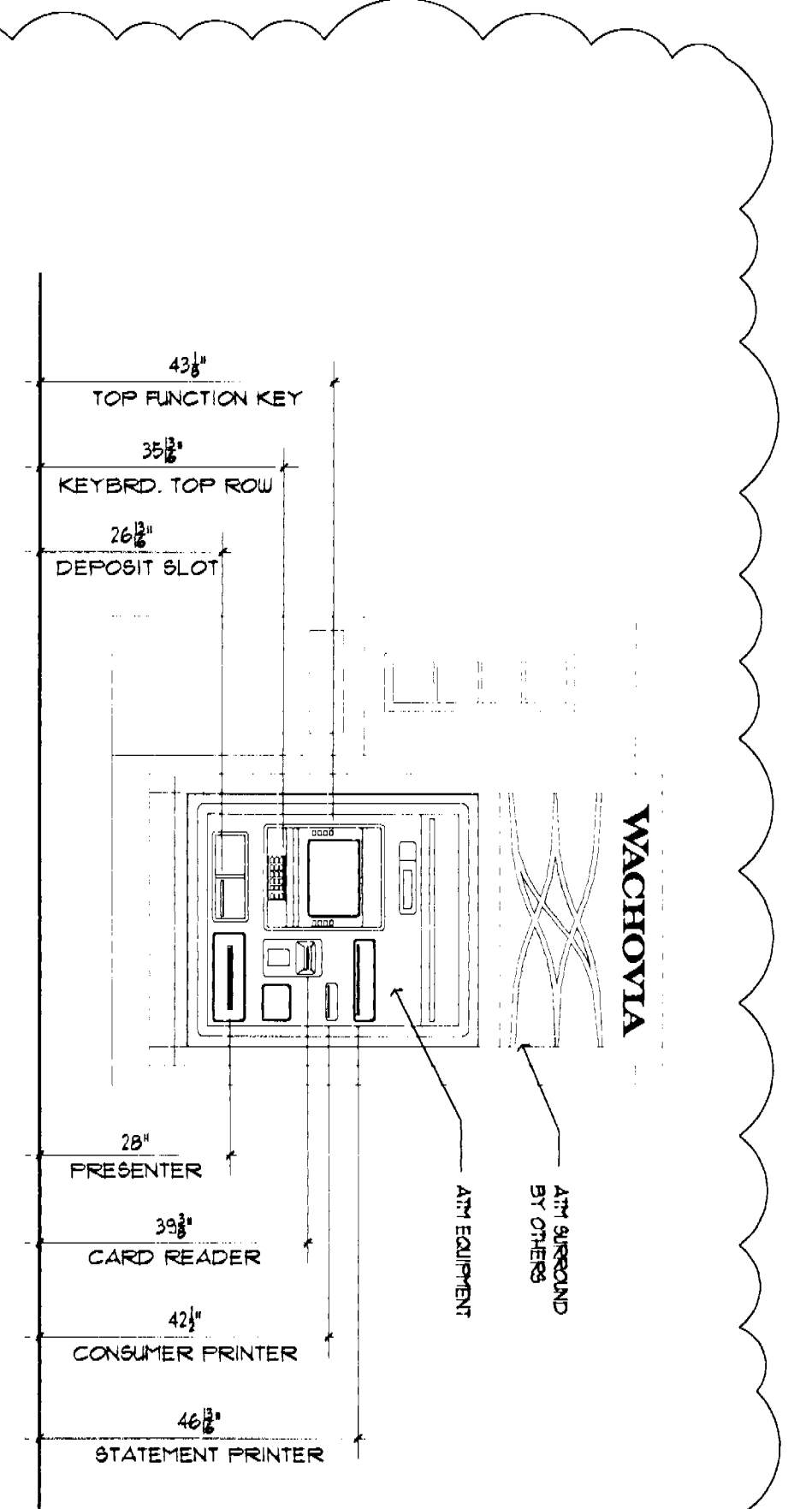
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Miami, Florida 33145
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Fax (305) 859-3890

WACHOVIA
ALTON ROAD BRANCH
801 ALTON ROAD
MIAMI BEACH, FLORIDA
Drawing No: D18
9/27/01

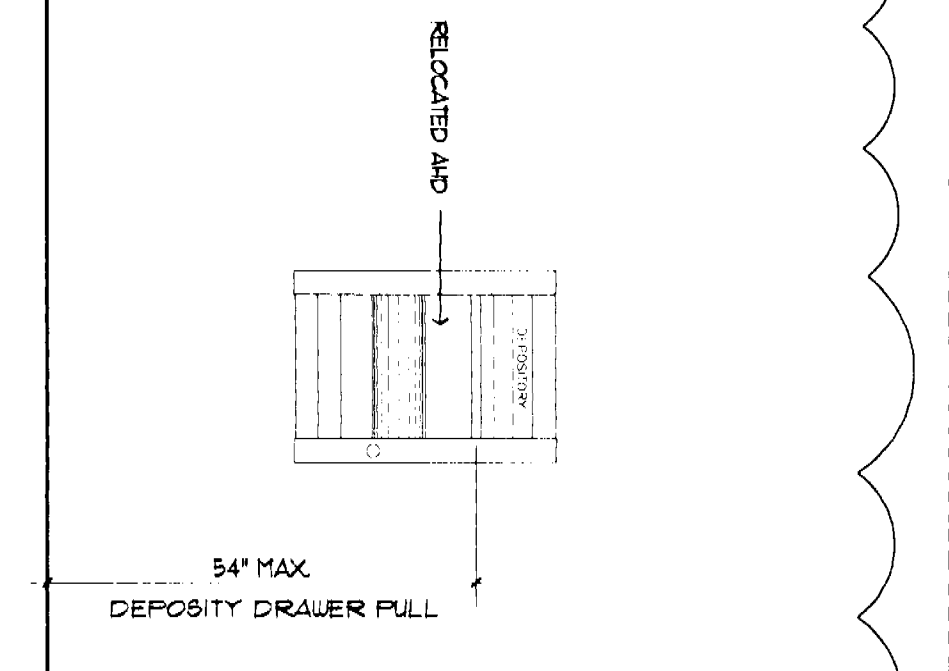
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REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"



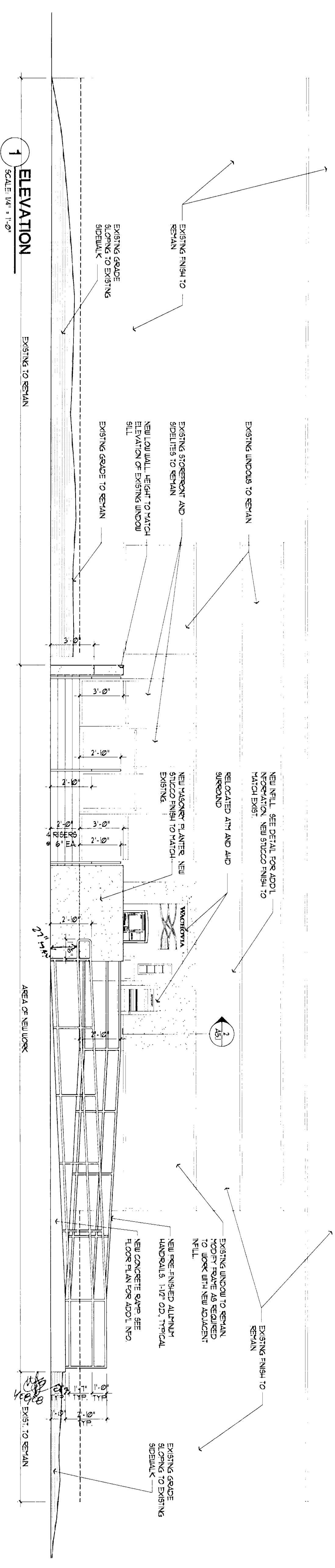
1 PARTITION TYPE
SCALE: 1/2" = 1'-0"



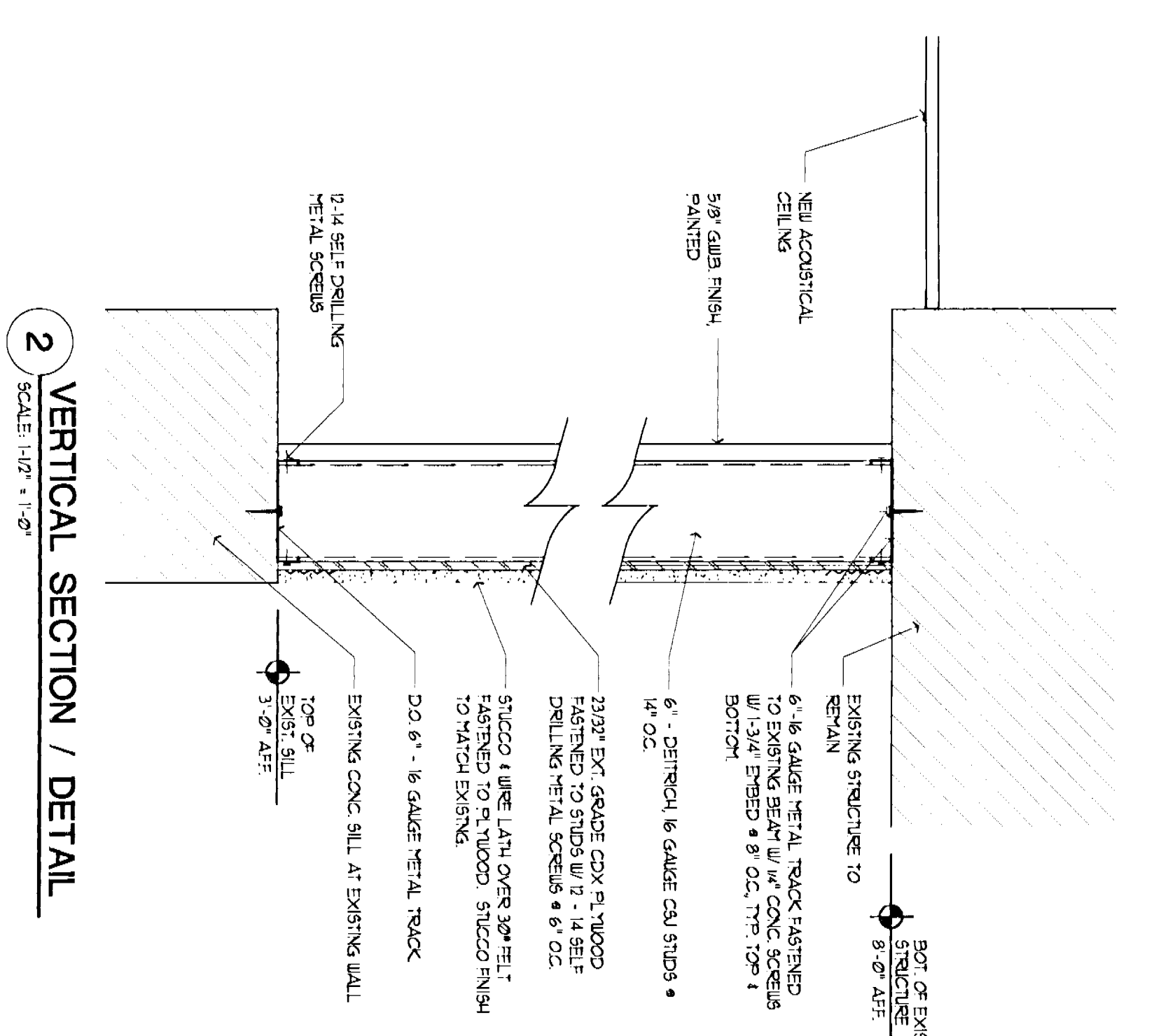
ATM ELEVATION - VERTICAL DIMENSIONS
SCALE: 1/2" = 1'-0"



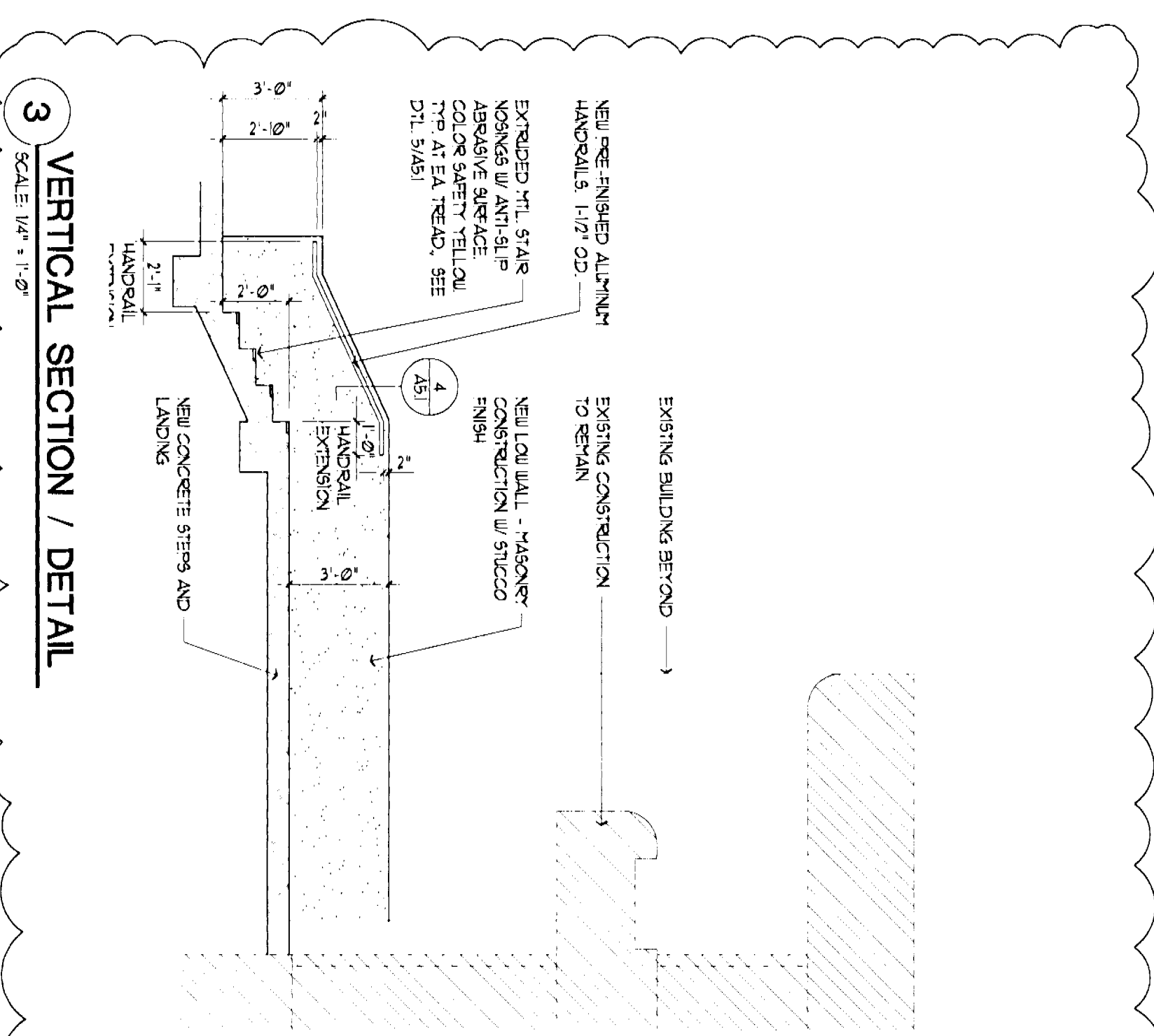
AHD ELEVATION - VERTICAL DIMENSIONS
SCALE: 1/2" = 1'-0"



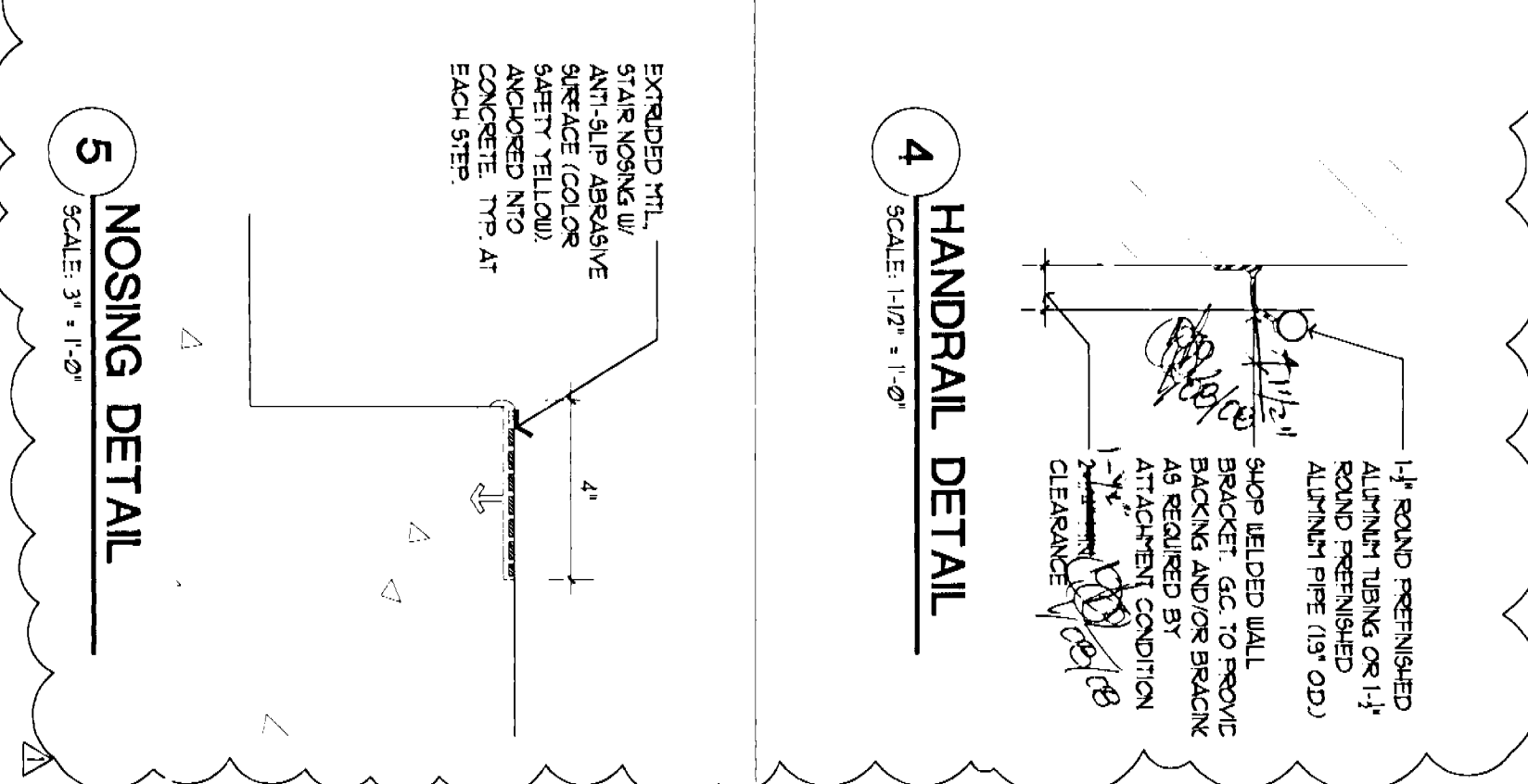
1 ELEVATION
SCALE: 1/4" = 1'-0"



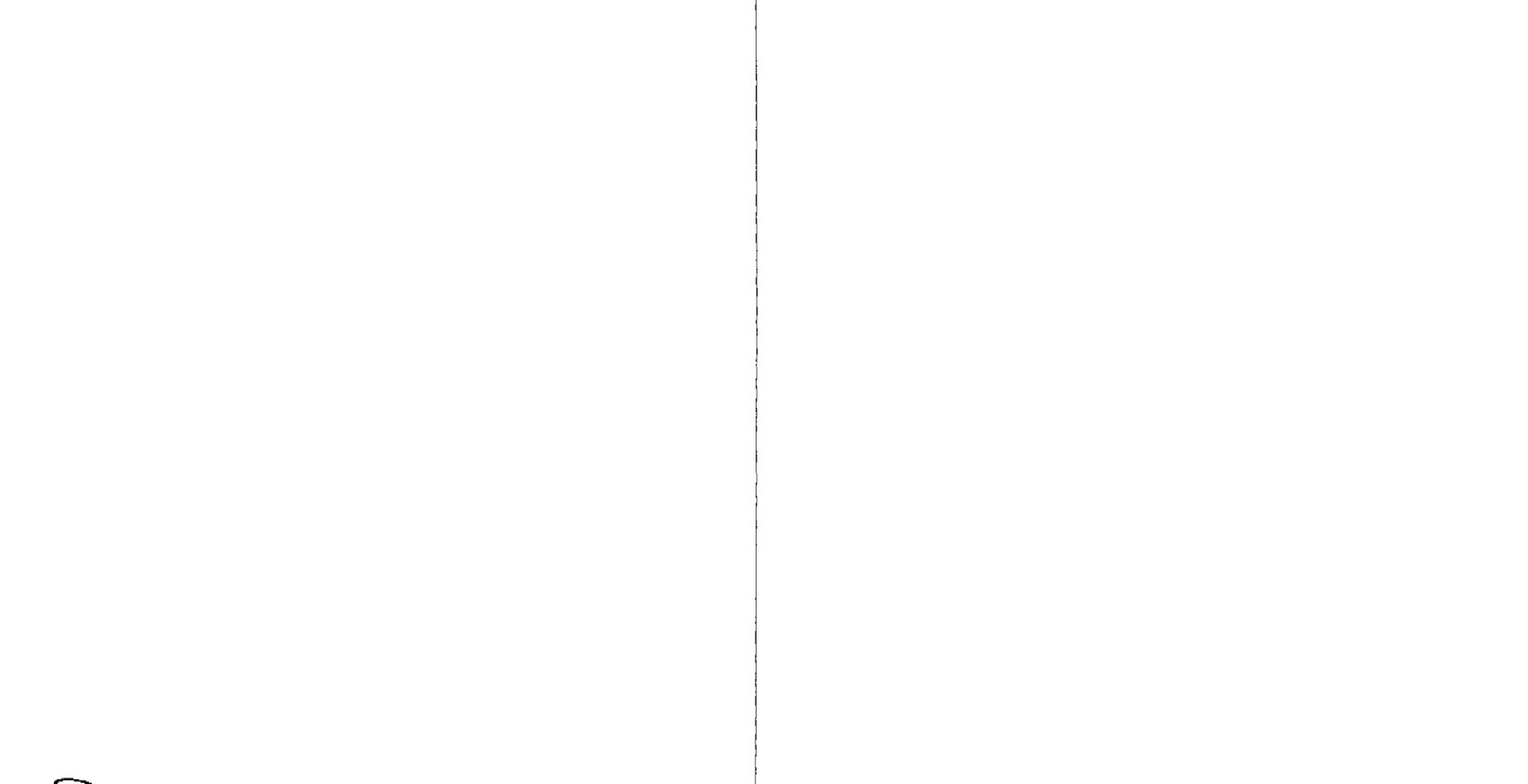
2 VERTICAL SECTION / DETAIL
SCALE: 1/4" = 1'-0"



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



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



5 NOSING DETAIL
SCALE: 3/4" = 1'-0"

Notes:
 Revisions:
 1/10/07 - BUILDING DEPT COMMENTS

[Signature]
12/13/07

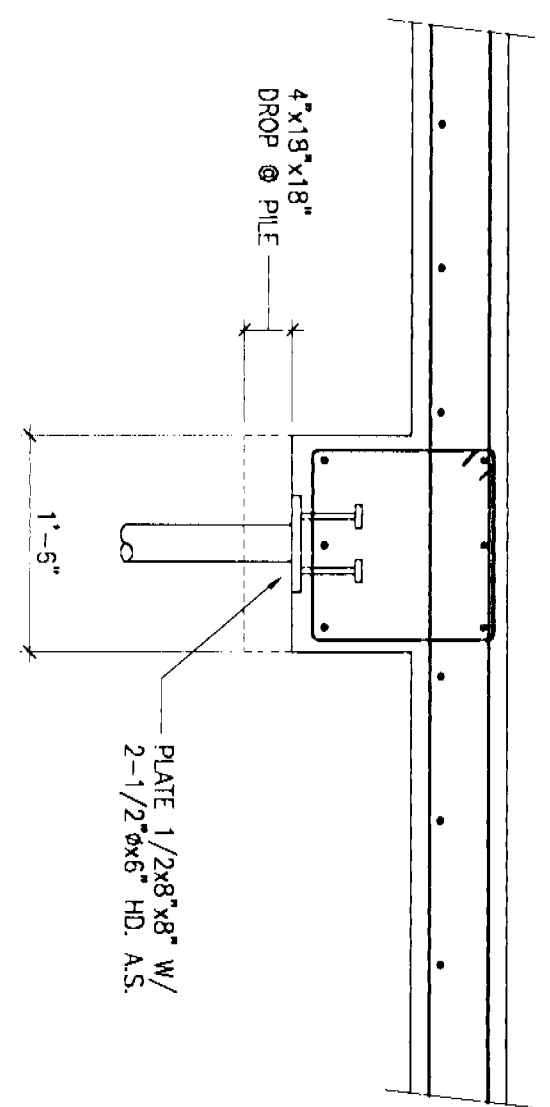
Larissa Frenner Eshenbruch
 Architect License #A80004424
 CONSULTANT:

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 Fax: (305) 888-3880

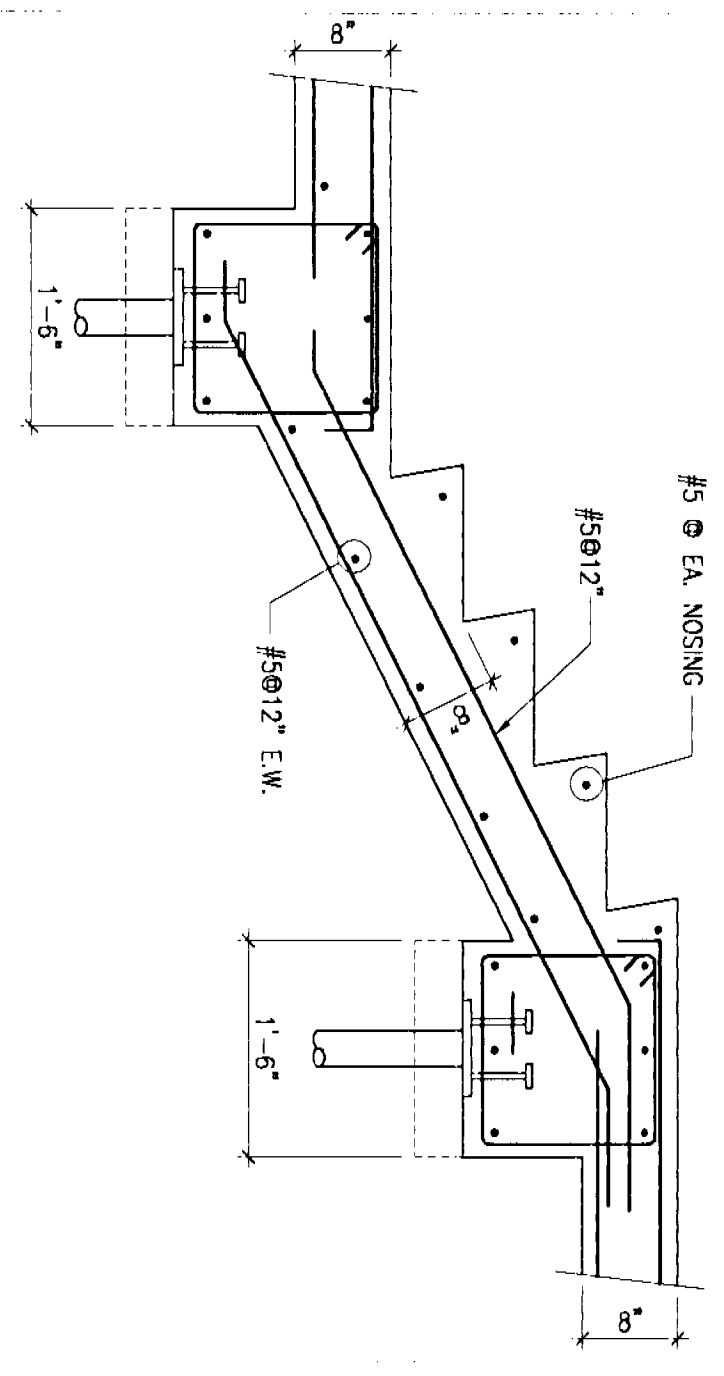
WACHOVIA
 ELEMENTS SIGN LICENSE #A17002284

ALTON ROAD BRANCH
 307 ALTON ROAD
 MIAMI BEACH, FLORIDA
 Drawing No./Date: 8-17-07
AS.1

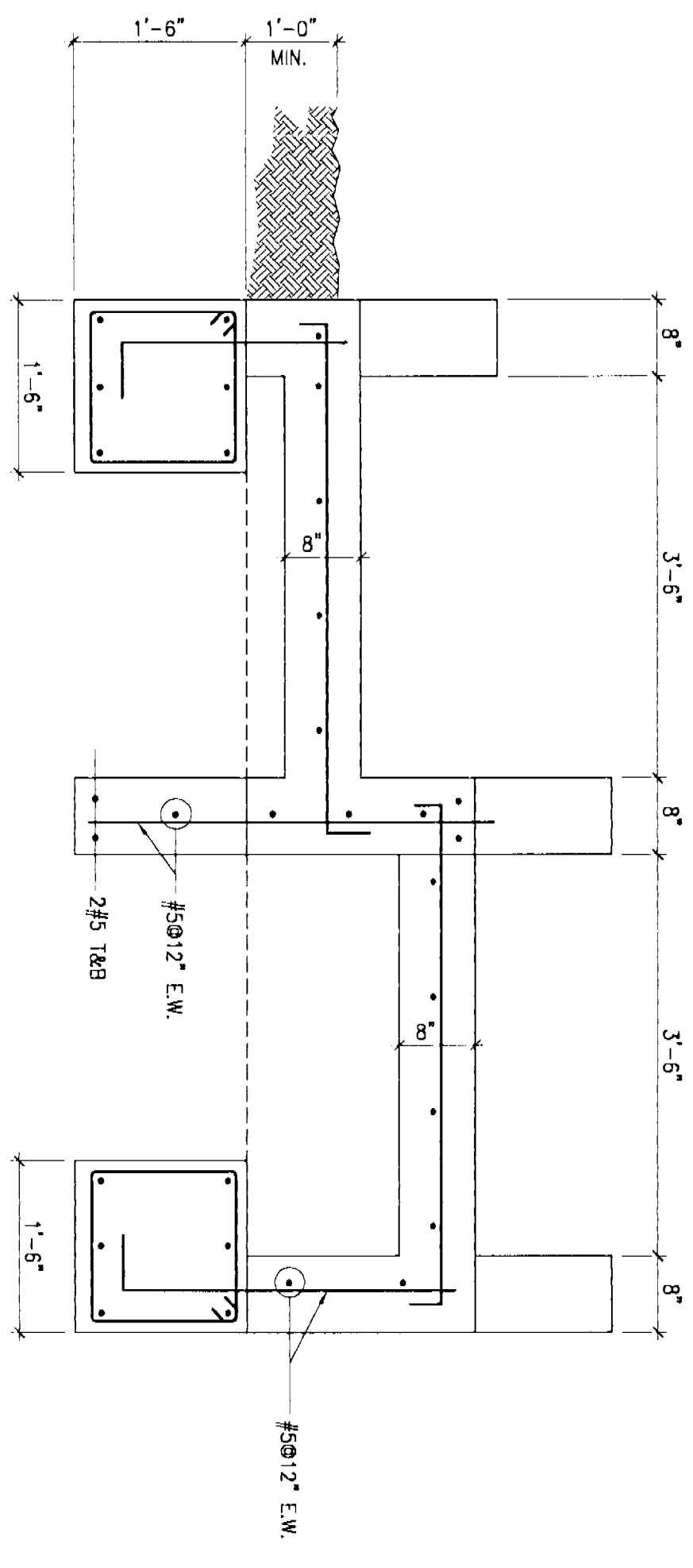
DT-020
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 WALL PARTITION, ELEVATION
 AND DETAILS
 SCALE: AS NOTED



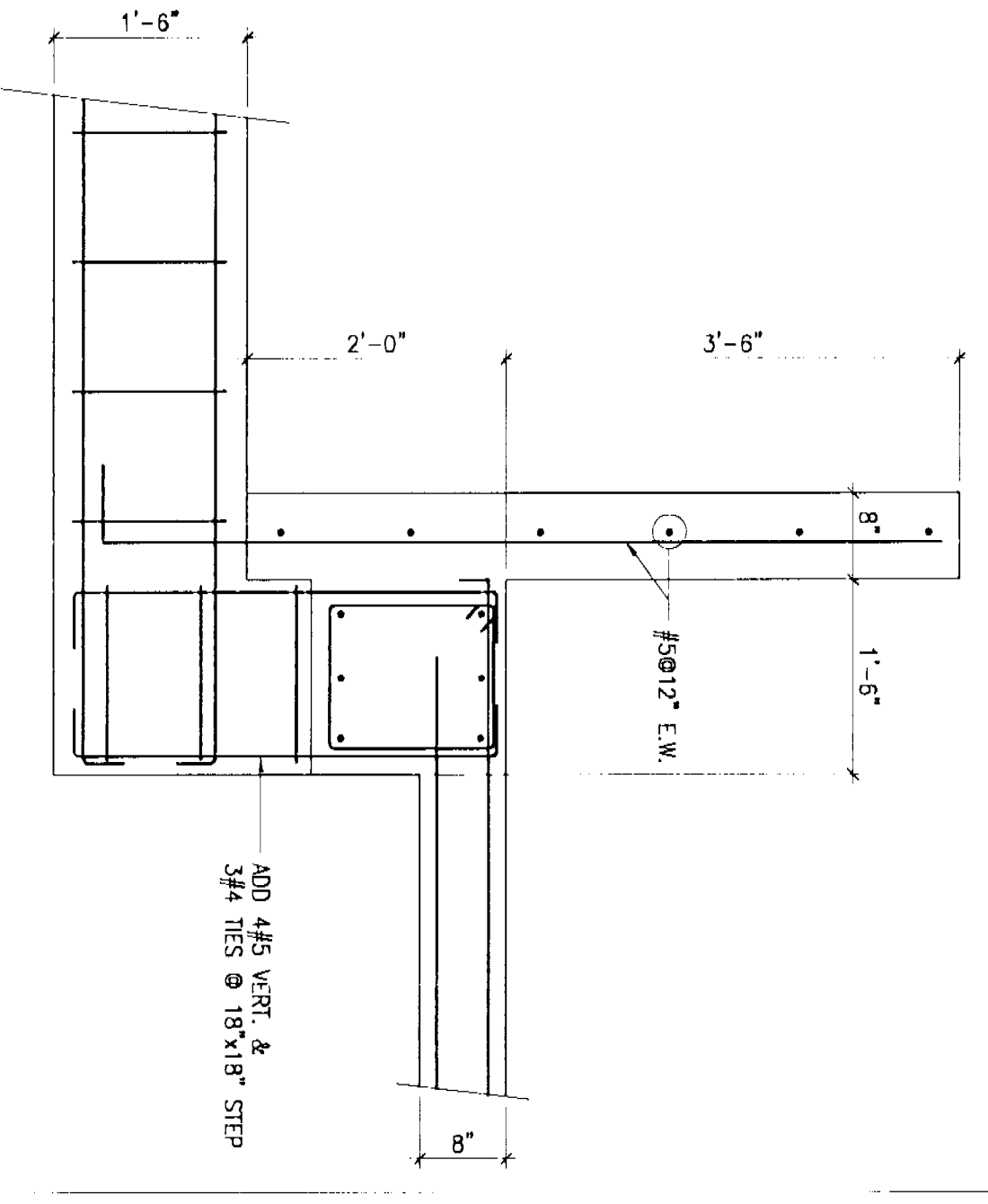
1 SECTION THRU NEW SLAB
SCALE: 3/4"=1'-0"



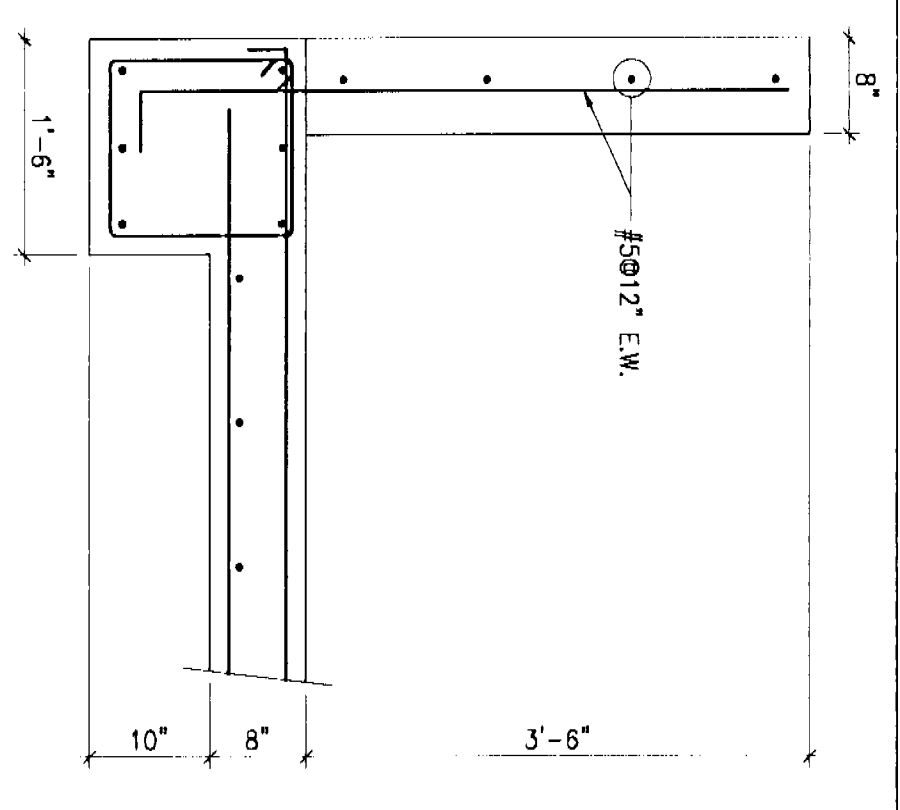
2 SECTION THRU STAIR
SCALE: 3/4"=1'-0"



3 SECTION THRU NEW RAMP
SCALE: 3/4"=1'-0"



4 SECTION @ STEP IN GRADE BEAM
SCALE: 3/4"=1'-0"



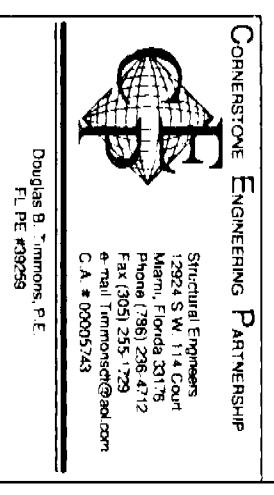
5 SECTION @ NEW WALL
SCALE: 3/4"=1'-0"

6 CONCRETE BEAM SCHEDULE
SCALE: 3/4"=1'-0"

MARK	WIDTH (B)	HEIGHT (H)	REINFORCING		STIRRUPS	REMARKS
			TOP	BOTTOM		
C01	18"	18"	3#5	3#5	#3@8" O.C.	

6 CONCRETE BEAM SCHEDULE
SCALE: 3/4"=1'-0"

JUSTAS B. JIMENEZ
FL.P.E. # 30250
SEP 18 2008



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WACHOVIA
ELEMENTS SHAW LICENSE #44003341

Laribel Fernandez Espinosa
Architect License #AB004444
Consultant:

01-080
Drawing Title/Scale/Drawn by
SCALE: S-3

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

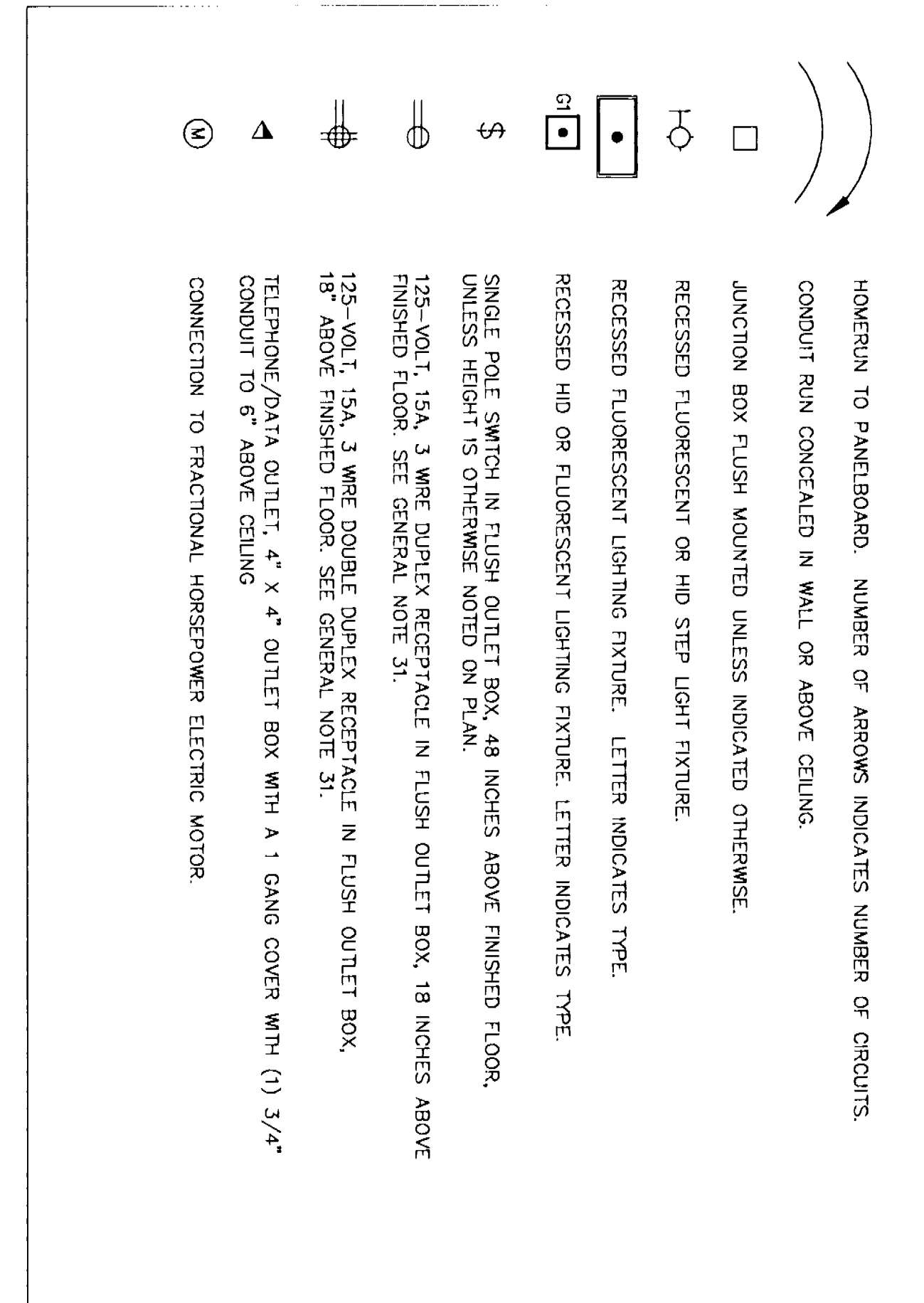
Notes:

Revisions:

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, ORDERING, 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 EXISTING OR SAFETY CONCERNS EXIST. THE CONTRACTOR IS REQUIRED TO VISIT THE SITE (PRIOR TO THE BID) TO VERIFY THE EXISTING CONDITIONS WITH THE PROJECT A/E. ANY CHANGES TO THE DESIGN OR CHANGES IN THE CONTRACT SHALL BE NOTED AND CONTRACT SHALL NOT BE ALLOWED FOR FAILURE TO INVESTIGATE FIELD CONDITIONS. ALL WORK IS NEW UNLESS NOTED OTHERWISE.
 D. REMOVE LOCATIONS: COORDINATE THE LOCATIONS OF EXISTING LIGHTING FIXTURES, 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 MANUFACTURER'S CATALOG RECOMMENDS FOR THE LOAD SHALL BE USED. UNLESS SMALLER SIZE HAS BEEN APPROVED BY THE PROJECT A/E. PROVIDE 1/2" NCH MINIMUM CONDUIT SIZE, UNLESS SPECIFICALLY NOTED OTHERWISE. FOR SIZES NOT INDICATED ON PLANS, REFER TO RISER DIAGRAMS AND OTHER 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 DRAWINGS AND DETAILS OF WORK REQUIRED PRIOR TO SUBMISSION OF BID. ANY DIFFICULTIES IN COORDINATING 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 PROVIDE A COMPLETE AND ACCURATE REPRESENTATION OF THE WORK TO BE PERFORMED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF THE WORK 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. IF, DURING THE COURSE OF THE WORK, THE CONTRACTOR EXPERIENCES A PROBLEM WITH THE PERFORMANCE OF THE INSTALLATION RELATIVE TO THE PLANS AND SPECIFICATIONS, THE NATIONAL ELECTRICAL CODE, OTHER APPLICABLE CODES AND GOVERNING DOCUMENTS, THE CONTRACTOR SHALL 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 PANEL 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 "SW" IN ACCORDANCE WITH N.E.C. ART. 240.83 (1).
 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 OUTLETS SHALL BE COORDINATED WITH OWNERS.
 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 / CORD.
 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 LISTED, THE ELECTRICAL CONTRACTOR SHALL PROVIDE A FUSED DISCONNECT SWITCH WITH PROPER SIZE FUSES AT THE SWITCH LOCATION INDICATED ON DRAWINGS.
 23. CONTRACTOR SHALL VERIFY WIRE SIZES, C/B AND USE 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. HORSHPWR RATINGS INDICATED ON DRAWING MAY DIFFER FROM ACTUAL EQUIPMENT FURNISHED. CONTRACTOR SHALL VERIFY EQUIPMENT RATINGS AND RATINGS SHALL NOTIFY ARCHITECT AND / OR THE ENGINEER FOR APPROPRIATE ACTION TO BE TAKEN.
 25. PROVIDE APPROVED "HACR" 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 UNPAINTED ALUMINUM 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.

ELECTRICAL SYMBOL LEGEND



SYMBOL	QTY	TYPE	DESC.	MFG.	VOLTS	VA	MFG.	LIGHTING FIXTURE SCHEDULE BASIS OF DESIGN MODEL	REMARKS
G1	2	42W TT	ELECTRONIC RECESSED	120	84			ANP1137X 42WTT RECESSED COMPACT FLUORESCENT DOWNLIGHT.	
OC	2	131T	ELECTRONIC RECESSED	120	30		LITHONIA 4452-A-2/131T- RECESSED STEP LIGHT, UL LISTED, WET LOCATION, 120-LV-LP-D08 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, CONTRACTORS, 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.

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 Miami, Florida 33145
 Phone: (305) 558-3555
 Fax: (305) 558-3550

ALTON ROAD BRANCH
 1901 ALTON ROAD
 MIAMI BEACH, FLORIDA

Drawn by: *[Signature]*
 Date: 10/12/07

Checked by: *[Signature]*
 Date: 10/12/07

Scale: NONE

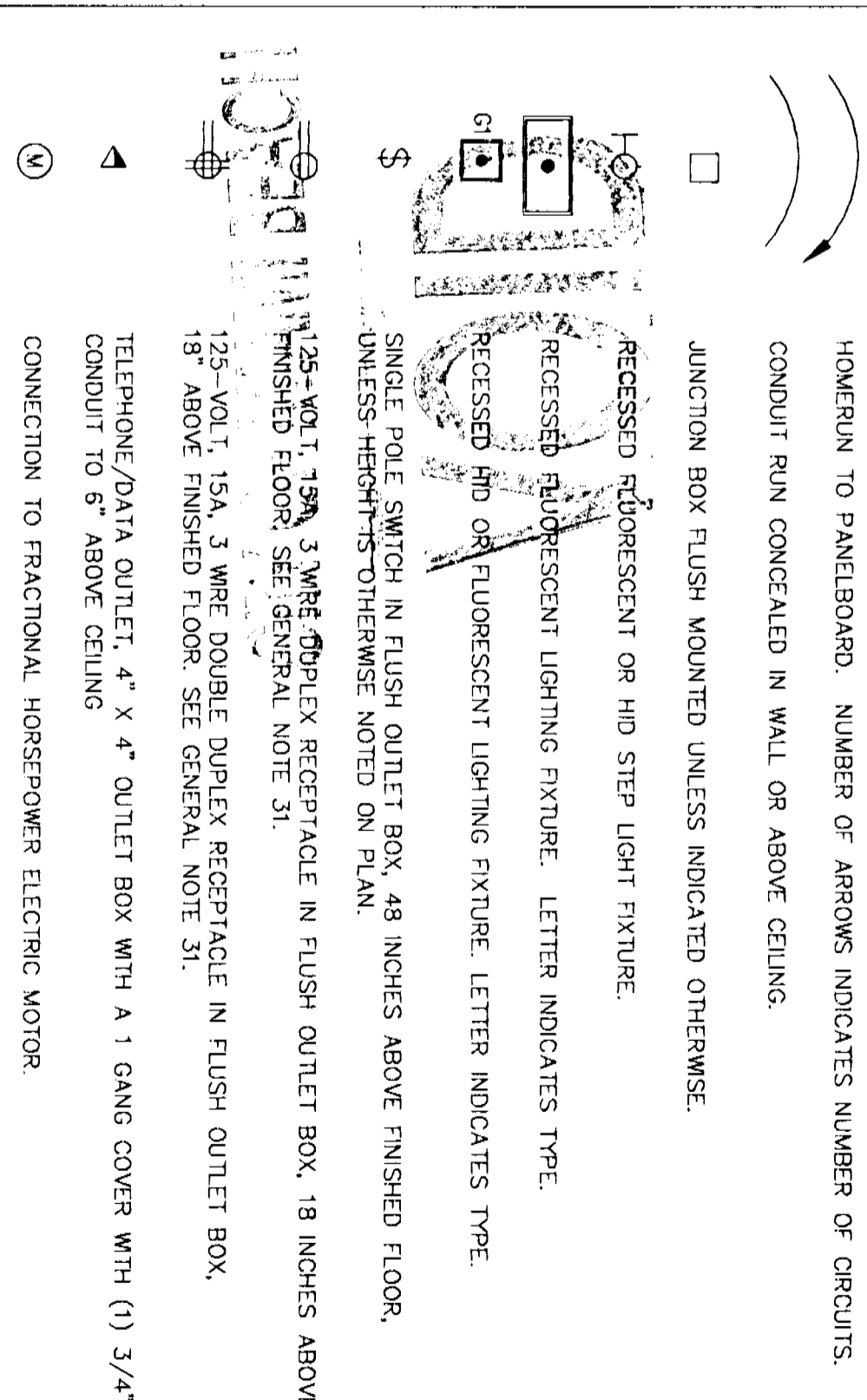
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 MIAMI BEACH, FL 33485
 (772) 784-1472
 CONSULTING ENGINEERS
 1000 N. W. 10TH AVENUE
 SUITE 1000
 MIAMI, FL 33136
 (305) 575-1111
 W. RONALD McIVER
 P.E. # 30070

GENERAL ELECTRICAL NOTES (ALL T¹ 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 (OVERBRING, ROUGHING, OR INSTALLATION).
- 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.
- 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 S/W AND CONTRACT TIME WILL NOT BE ALLOWED FOR FAILURE TO INVESTIGATE FIELD CONDITIONS. ALL WORK IS NEW, UNLESS NOTED OTHERWISE.
- 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 WITH CONCEALED LOCATIONS (FURRED CHASES OR SUSPENDED CEILINGS, AS APPLICABLE), UNLESS SPECIFICALLY NOTED OTHERWISE.
- 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, THE CONTRACTOR SHALL CONSULT THE PLAN AND SPECIFICATIONS THAT WILL AFFECT HIS WORK, PRIOR TO SUBMISSION OF HIS BID PRICE.
- DURING THE COURSE OF THE WORK, THE CONTRACTOR EXPERIENCES A PROBLEM WITH THE WORK, THE CONTRACTOR SHALL STOP WORK IMMEDIATELY AND NOTIFY THE CONTRACTOR'S SUPERVISOR AND THE PROJECT A/E. OTHER APPLICABLE CODES AND GOVERNING DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND / OR THE ENGINEER FOR RESOLUTION PRIOR TO EXECUTION OF THE WORK.
- ALL MATERIAL SHALL BE NEW AND BEAR THE U.L. LABEL, LISTED APPROVAL FOR ITS INSTALLED APPLICATION.
- 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.
- 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).
- 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.
- ALL SWITCHES, DUPLEX RECEPTACLES, AND TELEPHONE OUTLETS TO BE FLUSH MOUNTED, THROUGHOUT.
- ALL SERVICE EQUIPMENT SHALL BE GROUNDED IN ACCORDANCE WITH N.E.C. ARTICLE 250.
- ELECTRICAL CONTRACTOR SHALL COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT LOCATIONS OF HVAC EQUIPMENT.
- SEE REFLECTED CEILING PLAN FOR EXACT LOCATION OF LIGHT FIXTURES.
- ELECTRICAL PLANS ARE DIAGRAMMATIC. DO NOT SCALE DRAWINGS.
- CONSULT PLANS FOR ALL OTHER TRADES FOR COORDINATION AND FOR RELATED AND ADJOINING WORK.
- CONSULT ARCHITECTURAL AND STRUCTURAL PLANS AND DETAILS FOR CONSTRUCTION TYPE, HEADROOM, ROOM FINISHES, CEILINGS, ETC.
- 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.
- THE CORRECT NUMBER OF WIRES MAY NOT BE INDICATED FOR ALL CIRCUITS. ONLY THOSE WHERE CLARIFICATION IS NECESSARY. THE ELECTRICAL CONTRACTORS SHALL PROVIDE ALL WIRES NECESSARY FOR THE PROPER FUNCTION OF THE SYSTEM.
- ALL EMPTY CONDUIT RUNS IN EXCESS OF 10 FT. SHALL BE PROVIDED WITH A PULL WIRE OR FISH TAPE / CONDUIT.
- 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.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER SIZING OF ALL MOTORS OVERHEAD DEVICES (HEATERS) IN STARTERS BASED ON ACTUAL NAMEPLATE RATINGS ON THE MOTORS BEING INSTALLED.
- 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 CORRECT TYPE AND SIZE OF DISCONNECT SWITCH WITH PROPER SIZE FUSES AT THE SWITCH LOCATION INDICATED ON DRAWINGS.
- 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.
- 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.
- PROVIDE APPROVED "MOTOR" TYPE CIRCUIT BREAKERS FOR ALL HEATING, AIR CONDITIONING, AND REFRIGERATION EQUIPMENT INDICATED FOR CONNECTION ON ELECTRICAL DRAWINGS.
- 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.
- THE CONTRACTOR SHALL GUARANTEE ALL HIS WORK AND MATERIALS FOR A PERIOD OF ONE YEAR AFTER ACCEPTANCE BY OWNER.
- IT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO COORDINATE SERVICE REQUIREMENTS FOR POWER AND TELEPHONE UTILITIES.

ELECTRICAL SYMBOL LEGEND



- 29 PROVIDE A #10 NEUTRAL CONDUCTOR FOR ALL MULTITRIP 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 CAPACITY.
- 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 ENT. 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 AND ADD AT THIS LOCATION. EXTEND EXISTING POWER CIRCUITS TO NEW ATW AND ADD LOCATIONS (SEE NOTES 51 AND 52).
- 51 EXTEND NEW POWER FROM EXISTING ATW LOCATION TO THIS NEW LOCATION (USE EXISTING CIRCUIT). SEE NOTE 50 FOR EXISTING LOCATION.
- 52 PROVIDE JUNCTION BOX 70" AFF FOR 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.
- 53 PROVIDE CONNECTION (USE FLEXIBLE CONDUIT) FOR MECHANICAL FAN WITH PLUG-IN MOTOR USED AS DISCONNECT). CONNECT TO LOCAL LIGHTING CIRCUIT HEAD OF SWITCHING.
- 54 DISCONNECT AND REMOVE (TWO) 2 X 4 RECESSED FLUORESCENT LIGHTING FIXTURES THIS AREA. RELOCATE ONE LIGHTING FIXTURE TO NEW ATW / AND ROOM AS INDICATED. CONNECT TO EXISTING LOCAL LIGHTING CIRCUIT HEAD OF SWITCHING. CLEAN AND REPAIR EXISTING FIXTURE BEING USED.
- 55 CONNECT TO EXISTING LOCAL RECEPTACLE CIRCUIT.
- 56 CONNECT TO EXISTING 120 VAC OUTDOOR LIGHTING CIRCUIT (ADDITIONAL 188 VA). CONNECT ATW LIGHTING TO EXISTING OUTDOOR LIGHTING CIRCUIT CONTROLLED BY PHOTOCELL ON PHOTOCELL OFF. COORDINATE EXISTING LIGHTING CONTRACTOR CIRCUIT.
- 57 CONNECT TO EXISTING 120 VAC 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 ATW TRANSACTION CAMERA. PROVIDE 4 X 4 BOX WITH SINGLE GANG PLASTER RING MOUNTED 60" AFF ON THE RIGHT SIDE OF THE ATW 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 ATW MACHINE ALARM. PROVIDE 4 X 4 BOX WITH SINGLE GANG PLASTER RING MOUNTED 12" AFF ON THE RIGHT SIDE OF THE ATW 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 ATW SURVEILLANCE CAMERA. COORDINATE MOUNTING WITH EXISTING CONDITIONS. CONNECT TO EXISTING SECURITY SYSTEM. COORDINATE WITH EXISTING SECURITY SYSTEM SUPPLIER PRIOR TO ORDERING. RECOMMEND EXACT LOCATION PRIOR TO ROUGHING.
- 103 PROVIDE AND 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	LAMPS	DESC.	MTG.	FIXTURE	VOLTS	VA	WFG.	DESIGN	REMARKS
G1	2	42W TT	ELECTRONIC	RECESSED	120	84			AMP113TX-42RT	RECESSED COMPACT FLUORESCENT DOWNLIGHT.
OC	2	131T	ELECTRONIC	RECESSED	120	30			LPHONIA 4452-A-2/131T-OPEN FIXTURE	RECESSED STEP LIGHT. U.L. LISTED. MFT LOCATION. 120-LLV-01-008 RATED FOR MOUNTING IN CONCRETE. MOUNT WITH BOTTOM OF FIXTURE 6" ABOVE INDICATED GRADE.

NO SUBSTITUTIONS. SEE SPECIFICATION SECTIONS 28 51 00 (INTERIOR LIGHTING) AND 26 56 00 (EXTERIOR LIGHTING) FOR ADDITIONAL INFORMATION.

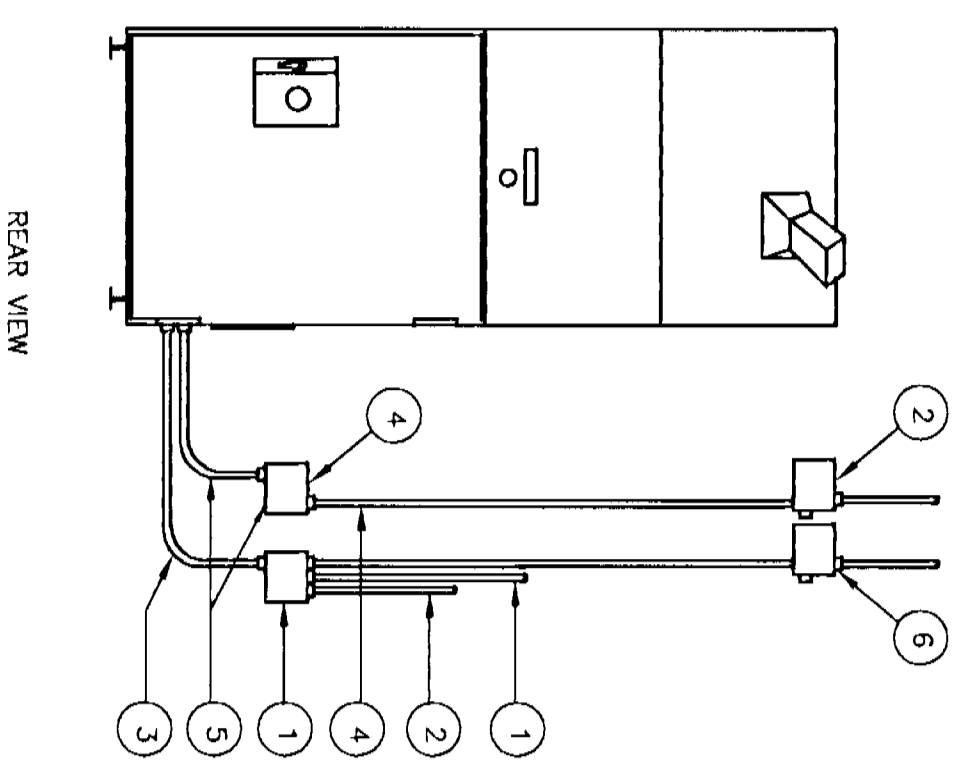
NATIONAL SALES CONTRACT
 ALL LIGHTING FIXTURES, PANELBOARDS, DISCONNECTS, CONTRACTORS, AND SIMILAR EQUIPMENT SHALL BE PURCHASED THROUGH WACHOVIA NATIONAL SALES CONTRACT.
 CONTRACTOR ERIC SWANN (704-587-4025/ERIC.SWANN@GCE.COM) OR DEBBIE CALDWELL (704-587-4021/DEBBIE.CALDWELL@GCE.COM) AT GE SUPPLY IN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

Consultants:

Architects: INTERIOR DESIGNERS
 WACHOVIA
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 Fax (813) 251-0886
 M: G R I : Office
 1590 Canal Way, Suite 6016
 Miami, Florida 33145
 Phone (305) 858-5898
 Fax (305) 858-5898

WACHOVIA
 ATLON ROAD BRANCH
 1901 ALTON ROAD
 MIAMI BEACH, FLORIDA
 Drawing Number: 01/2107

01-2107
 Drawing Title/Scale/Drawn by: WEE
 ELECTRICAL
 LEGEND, SCHEDULE, NOTES
 SCALE: NONE



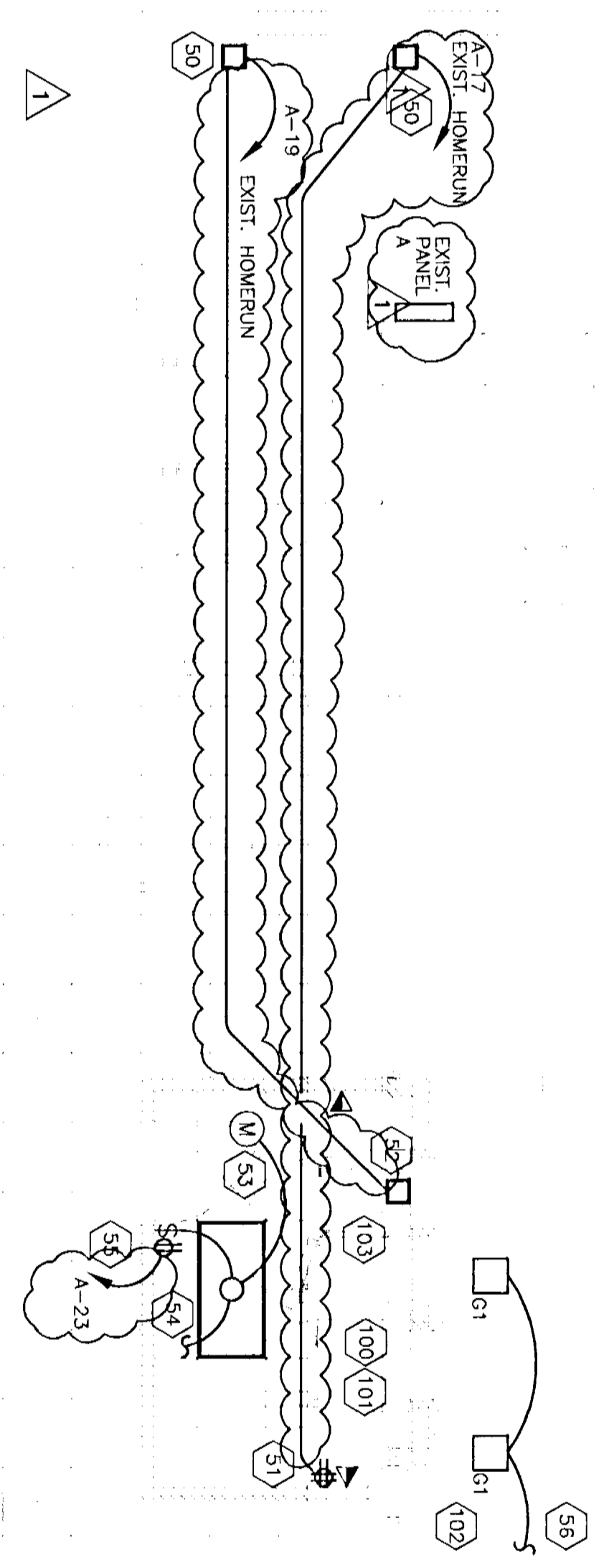
GENERAL NOTES:

1. JUNCTION BOXES MUST BE LOCATED WITHIN 6'-0" 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. 1" METAL CONDUIT FROM ALARM CONTROL CABINET TO 4"x4"x2 1/8" DEEP JUNCTION BOX (ALL BY ELECTRICAL CONTRACTOR) INTERBOLD 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 UNSWITCHED ELECTRICAL CIRCUIT TO 4"x4"x2 1/8" DEEP JUNCTION BOX WITH TWO 20A DUPLEX RECEPTACLES WITHIN 6'-0" OF SIDE OR FRONT CONNECTING PLATE. BOTTOM CONNECTION MUST BE COMPENSATED ACCORDINGLY. (ALL BY ELECTRICAL CONTRACTOR).
5. THE UNIT IS SHIPPED WITH A SIX FOOT COORD AND A STANDARD PLUG.
6. 3/4" METAL CONDUIT FROM VIDEO CONTROL CABINET, JB-13, TO 4"x4"x2 1/8" DEEP JUNCTION BOX WITH BLANK COVER. MOUNT JUNCTION BOX 60" AFT. IN ADDITION TO TYPE C CABLE. INSTALL TEXT INSERTION CABLE FURNISHED BY THE SECURITY VENDOR.
7. INTERBOLD DESK TOP MODEMS (289, NO. 900-49-000-B AND C) FOR OTHERS. METAL CONDUIT REQUIRED FOR DATA LINE CABLE. MODEM MUST BE INSTALLED WITHIN 4'-2"-0" CABLE RUN OF THE UNIT.
8. DATA CABLE MUST BE AT LEAST 2' FROM ANY A.C. POWER CABLE.
9. INTERBOLD DESK TOP MODEMS MUST BE WITHIN 6'-0" OF A STANDARD, SINGLE PHASE, THREE-WIRE OUTLET.
10. IF EQUIPPED WITH 100-457 IBM LOGIC COMMUNICATIONS ADAPTER, THE ELECTRIC CONNECTIONS MUST BE MADE TO ENTER UNIT AND REACH TO ELECTRONICS SECTION MINIMUM 5'-0".

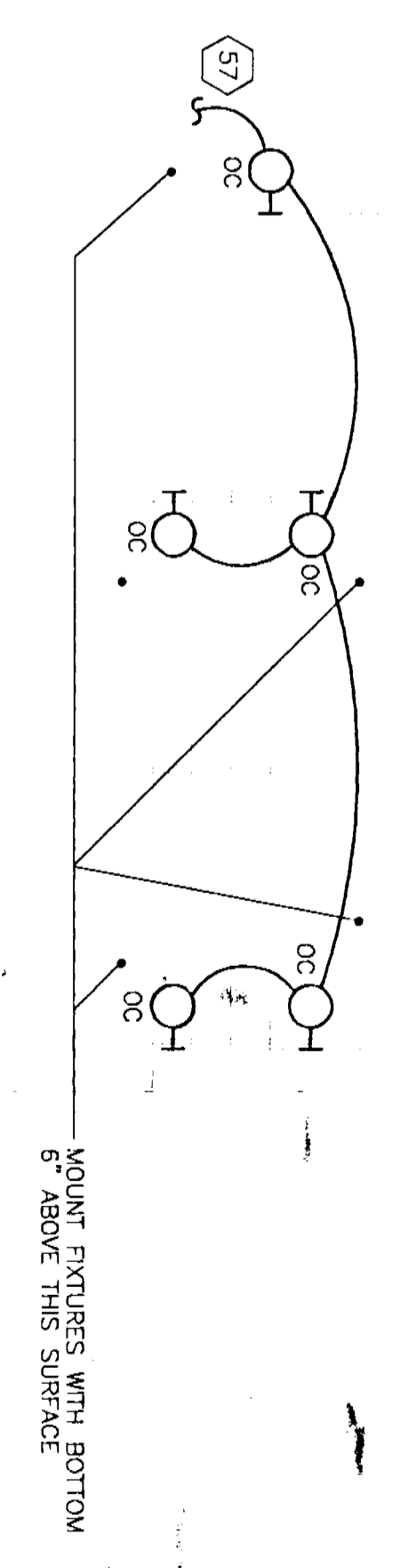
3 ATM ELEVATION
E1.0 SCALE NTS



ELECTRICAL - PARTIAL FLOOR PLAN

DESCRIP. OF LOAD SERVED	BRANCH	BREAKER	VA/PHASE	NO. CT	CT	PHASE	3 WIRE	HERTZ
E ROOM 103	W	A	900	1	1	A	20	60
E ROOM 102	E	B	1,000	2	2	B	20	60
E ROOM 102	E	C	1,000	3	3	C	20	60
E ROOM 102	E	D	1,000	4	4	D	20	60
E ROOM 102	E	E	1,000	5	5	E	20	60
E ROOM 102	E	F	1,000	6	6	F	20	60
E ROOM 102	E	G	1,000	7	7	G	20	60
E ROOM 103	E	H	640	8	8	H	20	60
E SIGN	E	I	800	9	9	I	20	60
E SIGN	E	J	800	10	10	J	20	60
E SIGN	E	K	800	11	11	K	20	60
E SIGN	E	L	800	12	12	L	20	60
E SIGN	E	M	800	13	13	M	20	60
E SIGN	E	N	800	14	14	N	20	60
E SIGN	E	O	800	15	15	O	20	60
E SIGN	E	P	800	16	16	P	20	60
E SIGN	E	Q	800	17	17	Q	20	60
E SIGN	E	R	800	18	18	R	20	60
E SIGN	E	S	800	19	19	S	20	60
E SIGN	E	T	800	20	20	T	20	60
E SIGN	E	U	800	21	21	U	20	60
E SIGN	E	V	800	22	22	V	20	60
E SIGN	E	W	800	23	23	W	20	60
E SIGN	E	X	800	24	24	X	20	60
E SIGN	E	Y	800	25	25	Y	20	60
E SIGN	E	Z	800	26	26	Z	20	60
E SIGN	E	AA	800	27	27	AA	20	60
E SIGN	E	AB	800	28	28	AB	20	60
E SIGN	E	AC	800	29	29	AC	20	60
E SIGN	E	AD	800	30	30	AD	20	60
E SIGN	E	AE	800	31	31	AE	20	60
E SIGN	E	AF	800	32	32	AF	20	60
E SIGN	E	AG	800	33	33	AG	20	60
E SIGN	E	AH	800	34	34	AH	20	60
E SIGN	E	AI	800	35	35	AI	20	60
E SIGN	E	AJ	800	36	36	AJ	20	60
E SIGN	E	AK	800	37	37	AK	20	60
E SIGN	E	AL	800	38	38	AL	20	60
E SIGN	E	AM	800	39	39	AM	20	60
E SIGN	E	AN	800	40	40	AN	20	60
E SIGN	E	AO	800	41	41	AO	20	60
E SIGN	E	AP	800	42	42	AP	20	60
E SIGN	E	AQ	800	43	43	AQ	20	60
E SIGN	E	AR	800	44	44	AR	20	60
E SIGN	E	AS	800	45	45	AS	20	60
E SIGN	E	AT	800	46	46	AT	20	60
E SIGN	E	AU	800	47	47	AU	20	60
E SIGN	E	AV	800	48	48	AV	20	60
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E SIGN	E	BA	800	53	53	BA	20	60
E SIGN	E	BB	800	54	54	BB	20	60
E SIGN	E	BC	800	55	55	BC	20	60
E SIGN	E	BD	800	56	56	BD	20	60
E SIGN	E	BE	800	57	57	BE	20	60
E SIGN	E	BF	800	58	58	BF	20	60
E SIGN	E	BG	800	59	59	BG	20	60
E SIGN	E	BH	800	60	60	BH	20	60

NOTES:
 1. AC BUSSES REFER TO MINIMUM SYMMETRICAL AMOUNTS
 2. ** INDICATES SIZED TO NEC
 3. ** INDICATES EXISTING
 4. ** INDICATES NEW
 5. CONNECTED KVA = 20,410
 6. DEMAND KVA = 20,410



Notes:
 Revisions:
 12-12-07 PERMIT COMMENTS

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

Consultants:
 AET

ARCHITECTURAL ENGINEERING INCORPORATED
 3400 EAST LAKE ROAD
 SUITE 100
 PALM HARBOR, FL 34653
 (888) 444-4444
 W. RONALD KILGUS
 E. PE 30070

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 Miami Office
 1699 Carol Way, Suite 503
 Miami, Florida 33145
 Phone: (305) 898-5858
 Fax: (305) 898-5850

WACHOVIA

ALTON ROAD BRANCH
 1901 ALTON ROAD
 MIAMI BEACH, FLORIDA
 Drawing No./Date: 10/12/07

E-10
 07-080/07141
 Drawing This/Revised/Drawn by: MEE
 ELECTRICAL
 PARTIAL FLOOR PLAN
 SCALE: 1/4" = 1'-0"

BOBBOO593
1901 MLTBN RD
OFFICE COPY

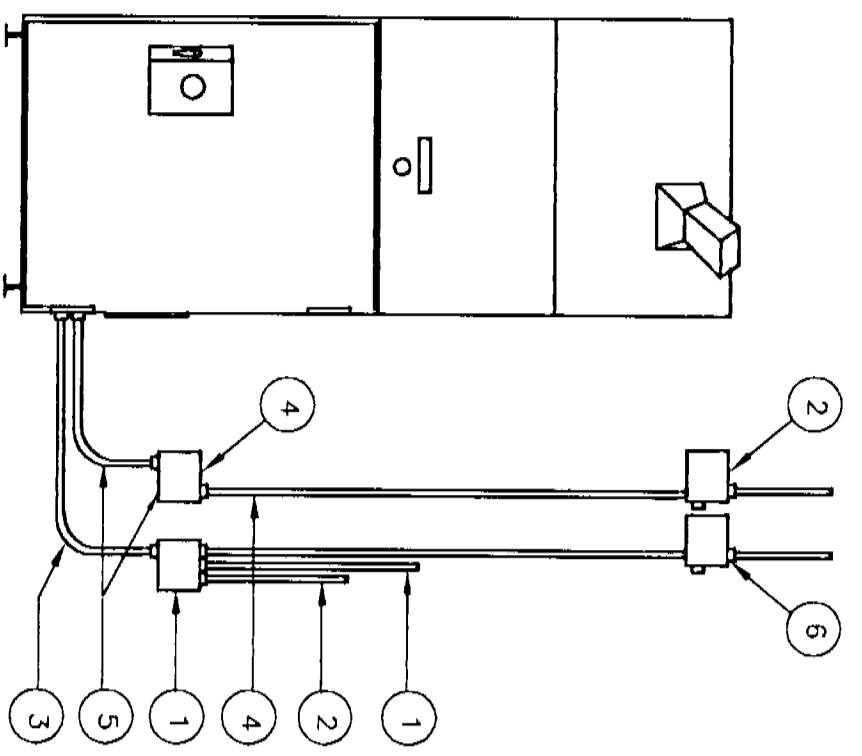
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01/04/2008
01/07/08
me 1/10/08

48 HOURS PRIOR TO EXCAVATING
CONTRACTOR SHALL CALL FOR LOCATION
OF UNDERGROUND UTILITIES
SUNSHINE CITY 352-422-4770
CITY OF MAWA 352-575-7000

Phone 352-422-7000 Fax 352-575-7000
E-MAIL: REVIEW@CITYOFMAWA.COM
THIS PLAN REVIEW CONSTITUTES APPROVAL FOR
OBTAINING BUILDING PERMITS ONLY.
All construction and/or use of equipment in the right-of-way and/or
adjacent areas, requires a separate Public Works Department permit prior
to construction.
Permit Requirements: Proof of insurance, 8 1/2" scale area conditions
(including, but not limited to:
1. Public Works Department permit (if required)
2. Proof of insurance (if required)
3. Proof of equipment (if required)
4. Proof of operator (if required)
5. Proof of safety (if required)
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01-09-2008



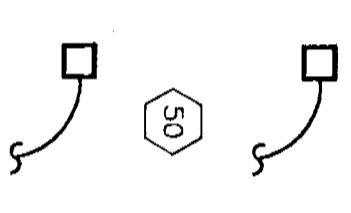
REAR VIEW

- GENERAL NOTES:**
1. JUNCTION BOXES MUST BE LOCKED WITHIN THE UNIT. JUNCTION BOXES MUST BE LOCATED TO SUIT BUILDING CONDITIONS.
 2. BOXES CAN BE FLUSH MOUNTED WITH CONCEALED CONDUIT AND CABLES CAN BE SURFACE MOUNTED WITH EXPOSED CONDUIT FOR EXISTING CONSTRUCTION.

KEY NOTES:

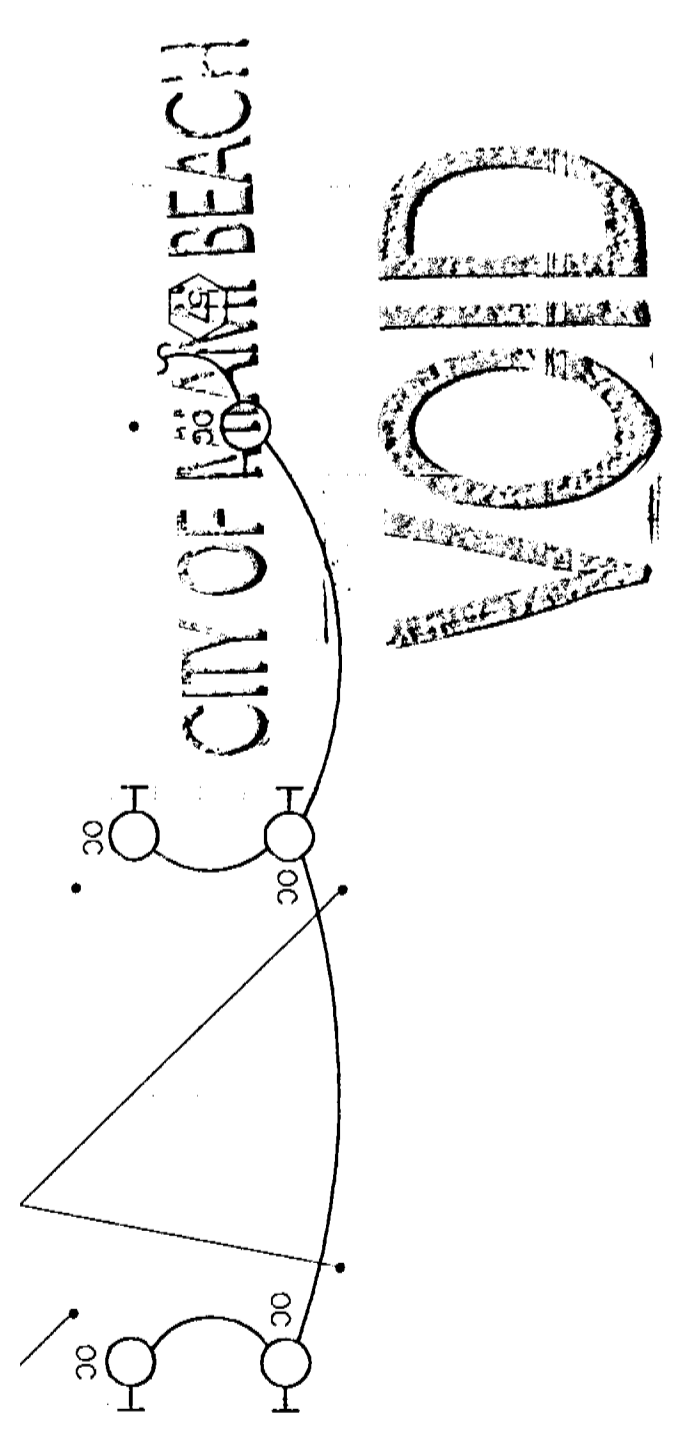
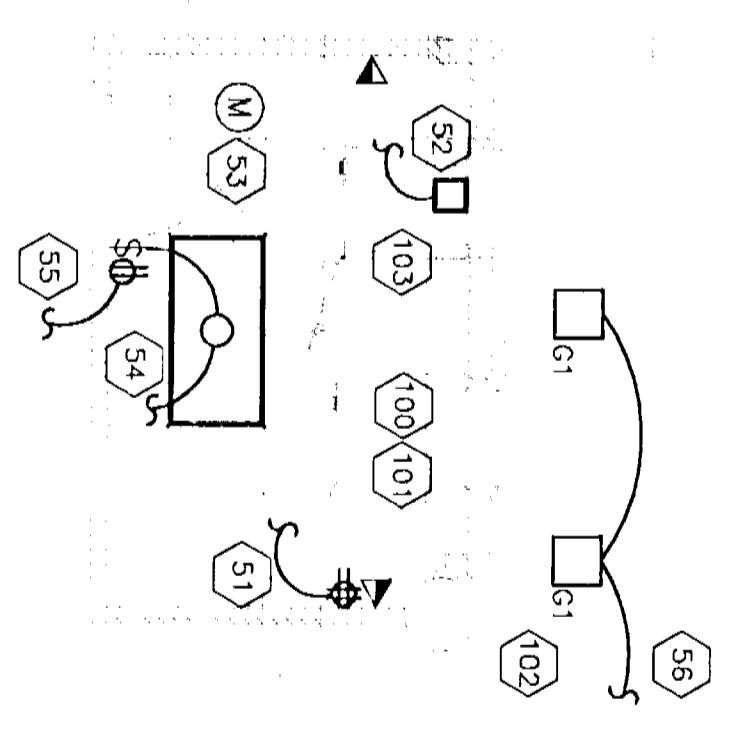
1. 1" METAL CONDUIT FROM ALARM CONTROL CABINET TO 4"x4"x2 1/8" DEEP JUNCTION BOX (ALL BY ELECTRICAL CONTRACTOR) INTERBOLD TO PROVIDE FAN COVER WITH TAPPER SWITCH.
 2. JUNCTION BOX FOR POWER TO ATM LOGO. PROVIDE FLEXIBLE CONNECTION TO SIGN.
 3. E.G. TO RUN 3/4" LIQUID TIGHT FLEX METAL CONDUIT TO CONNECTING PLATE.
 4. 3/4" METAL CONDUIT AND ONE UNSWITCHED ELECTRICAL CIRCUIT WITHIN 6" OF THE SIDE OR FRONT CONNECTING PLATE WITHIN CONNECTION SECTION. PROVIDE CONCEALED CONNECTION (ALL BY ELECTRICAL CONTRACTOR).
 5. THE UNIT IS SHIPPED WITH A SIX FOOT CARD 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. 900-49-000-8 AND C) AND OTHERS - NO CONDUIT REQUIRED FOR DATA LINE CABLE. 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: NS



ELECTRICAL - PARTIAL FLOOR PLAN

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



NOTE: FINISHES WITH BOTTOM 5' ABOVE THIS SURFACE.

Seal:

Notes:

Revisions:

Consultants:

AEI
ARCHITECTURAL ENGINEERING INCORPORATED
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TEL: (813) 973-1100 FAX: (813) 973-1101
FL PERMIT NO. 12000
W. RONALD KOLVENEN FL PE 30270

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Fax: (813) 251-0557
Miami Office
1699 Coral Way, Suite 503
Miami, Florida 33145
Phone: (305) 858-5838
Fax: (305) 858-5850

WACHOVIA

ALTON ROAD BRANCH
1801 ALTON ROAD
MIAMI BEACH, FLORIDA
Drawing No/Date 10/12/07

E-10

07-08010714
Drawing Made/Drawn by WEE
ELECTRICAL
PARTIAL FLOOR PLAN
SCALE: 1/4"=1'-0"

MACHUCA
Aston Road Branch

1901 Aston Road

MIAMI BEACH

Form # 02 3234 00/0030

Process #
B0800593

PERMITS PROCESSED

Complex Permit Service
ROBERT AQUILINO
CELLULAR
786-402-5080
1485 S.W. 154 Ter.
Miami, FL 33137

P.O. Box 144129
Miami, FL 33116

NO.	DATE	DESCRIPTION	AMOUNT	STATUS
1	11/20/01	11/20/01		
2	11/20/01	11/20/01		
3	11/20/01	11/20/01		
4	11/20/01	11/20/01		
5	11/20/01	11/20/01		
6	11/20/01	11/20/01		
7	11/20/01	11/20/01		
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64	11/20/01	11/20/01		
65	11/20/01	11/20/01		
66	11/20/01	11/20/01		
67	11/20/01	11/20/01		
68	11/20/01	11/20/01		
69	11/20/01	11/20/01		
70	11/20/01	11/20/01		
71	11/20/01	11/20/01		
72	11/20/01	11/20/01		
73	11/20/01	11/20/01		
74	11/20/01	11/20/01		
75	11/20/01	11/20/01		
76	11/20/01	11/20/01		
77	11/20/01	11/20/01		
78	11/20/01	11/20/01		
79	11/20/01	11/20/01		
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81	11/20/01	11/20/01		
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85	11/20/01	11/20/01		
86	11/20/01	11/20/01		
87	11/20/01	11/20/01		
88	11/20/01	11/20/01		
89	11/20/01	11/20/01		
90	11/20/01	11/20/01		
91	11/20/01	11/20/01		
92	11/20/01	11/20/01		
93	11/20/01	11/20/01		
94	11/20/01	11/20/01		
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100	11/20/01	11/20/01		

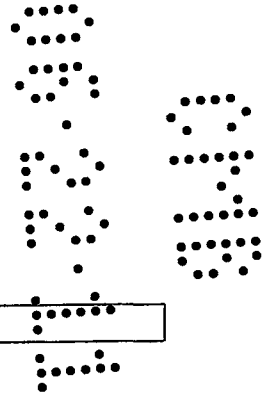
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1485 S.W. 154 Ter.
Miami, FL 33137
P.O. Box 144129
Miami, FL 33116
786-402-5080
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Complex Permit Service
PERMITS PROCESSED
MIAMI BEACH
1901 Aston Road
Aston Road Branch
MACHUCA

**RATIONAL ANALYSIS CALCULATIONS
For
Building Department Comments**

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

Date: 05-30-2011



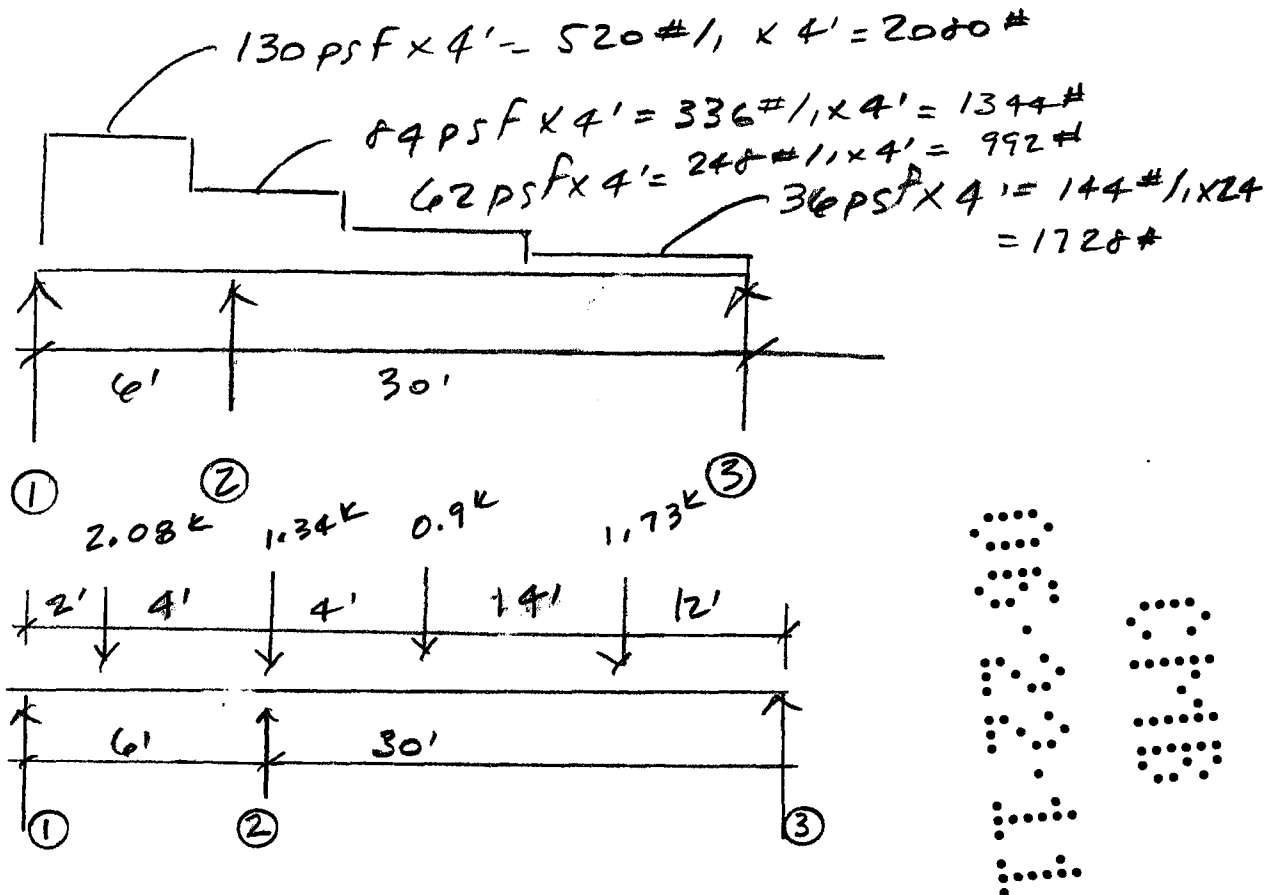
PAGE #1 -3

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

AD
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



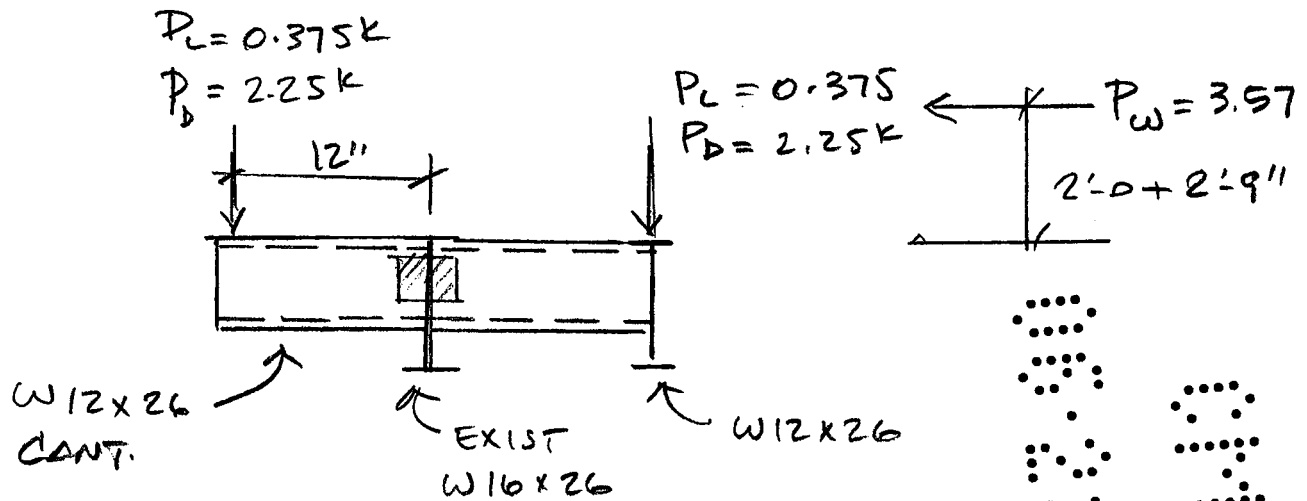
$$\text{REACTION } \textcircled{1} = 2.08k \times \frac{4}{6} = \underline{1.39k}$$

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

$$\text{REACTION } \textcircled{2} = 0.7k + 1.34k + 1.53k = \underline{3.57k}$$

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

[Signature]
 5/30/11



$$M_w = 3.57k(4.75k) = 17k-l$$

$$M_{D+L} = (2.25 + 0.375)(12-0) = 2.625k-l$$

$$\Sigma M = 19.6 k-l$$

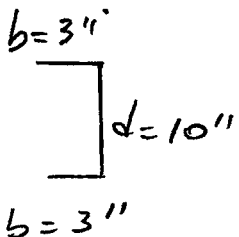
CHECK W12X26 FOR BENDING

$$f_b = \frac{M}{S} = \frac{19.6k-l \times 12''}{33.4in^3} = 7ksi \geq \bar{F}_b = 0.6(36ksi) = 21.6ksi \text{ (OK)}$$

CHECK CONNECTION (SHEAR + BENDING)

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

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



AK
 5/30/11

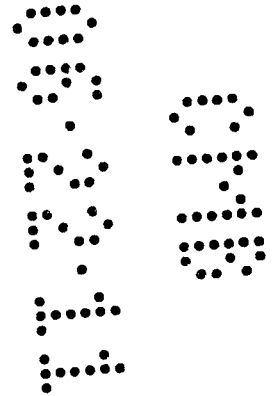
Alex Kondrat & Associates, Inc.
Structural Engineers
P.E. No. 58086, C.A. No. 9717
Tel: (305) 387-5770 Fax: (305) 387-5769
Miami, Florida

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

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

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

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



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5/30/11

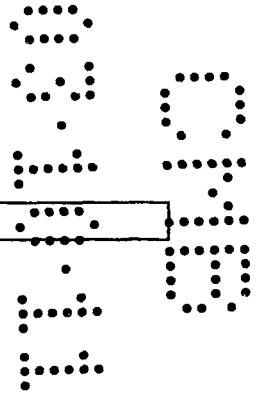
RATIONAL ANALYSIS CALCULATIONS

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

Date: 03-07-2011

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13311 SW 103 TER
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FACES 1-12
3/7/11

TABLE OF CONTENTS

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

DESCRIPTION

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• 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

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1
PAGES 1-12
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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(MWFERS)

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)

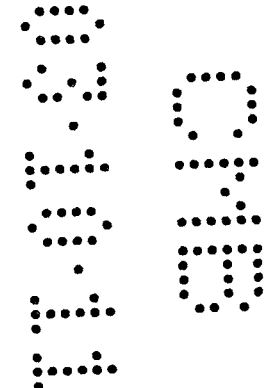


Figure 6-20: Wind Loads for Solid Signs & Freestanding Walls

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

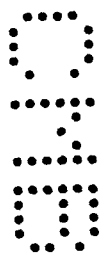
RdC - Reduction Factor for Case C (1.8 - S / Ht) = 1.00
 Note: When S / Ht > 0.8 then Cf must be multiplied by RdC.

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

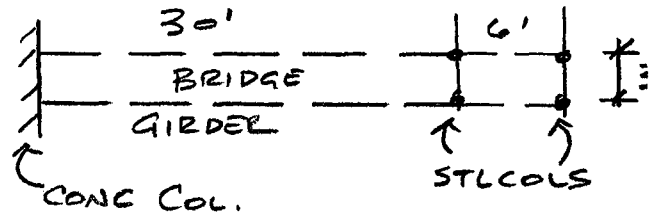
Building Surface	GCpf	+GCpi	-GCpi	qh psf	Min P psf	Max P psf
1	0.4	0.18	-0.18	41.92	9.22	24.31
2	-0.69	0.18	-0.18	41.92	-36.47	-21.38
3	-0.37	0.18	-0.18	41.92	-23.06	-7.96
4	-0.29	0.18	-0.18	41.92	-19.70	-4.61
5	-0.45	0.18	-0.18	41.92	-26.41	-11.32
6	-0.45	0.18	-0.18	41.92	-26.41	-11.32
1E	0.61	0.18	-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

GRAVITY = D.L. - 15 psf
 L.L. - 30 psf



LOAD ON EA GIRDER

$D = 30 \text{ psf} \times 3' - 0/2 = 45 \text{ PLF}$, $D = 15 \text{ psf} \times 2 \times 3' - 0/2 = 45 \text{ PLF}$ (TOP + BOTTOM OF GIRDER)
 WIND - $65.6 \text{ psf} \times 3' - 0/2 = 98.4 \text{ PLF}$ (SIDES OF GIRDER)
 $10 \text{ psf} \times 2 \times 4' - 0 = 80 \text{ PLF}$ (TOP + BOTTOM OF GIRDER)

LOAD @ CONC COLUMN

$\sum D = 125 \text{ PLF}$
 $\sum L = 45 \text{ PLF}$
 $G_D = 125 \text{ PLF} \times 30' / 2 = 1875 \#$, $G_L = 45 \text{ PLF} \times 30' / 2 = 675 \#$
 $U = 98.4 \text{ PLF} \times 30' / 2 = 1476 \#$
 $G_{D+L} = 2550 \#$

LOAD @ STEEL COL'S

$G_D = 125 \text{ psf} \times (30 + 6) / 2 = 2250 \#$, $G_D = 125 \times 6' / 2 = 375 \#$
 $U = 98.4 \times (36 / 2) = 1771 \#$, $U = 98.4 \times 6' / 2 = 295 \#$
 $G_L = 45 \text{ PLF} (36 / 2) = 810 \#$, $G_L = 45 \times 6 / 2 = 135 \#$

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

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

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 13311 SW 103 ter
 Miami, FL 33186
 PE 58086, CA 9717

Title :
 Dsgnr:
 Project Desc.:
 Project Notes :

Job #

4

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Steel Beam

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

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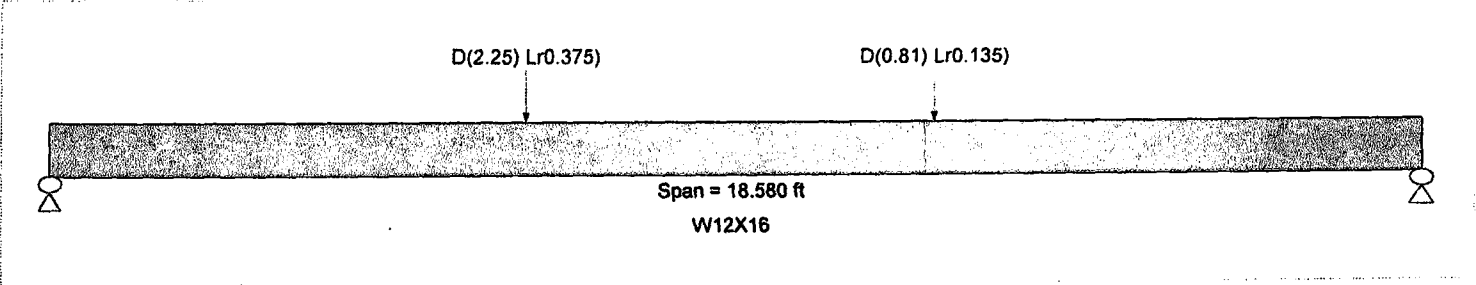
Description: W12X16

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



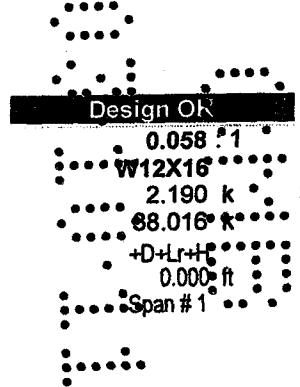
Applied Loads

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



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. "+" Defl	Location in Span	Load Combination	Max. "+" 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

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 PE 58086, CA 9717

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 Project Notes :

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Steel Beam

File: C:\Projects\BGA\wachovia_alton_r0\calcswachovia_alton.r08
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Licensee: ALEX KONDRAT & ASSOCIATES INC

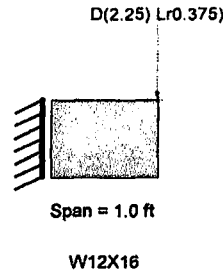
Description: W12X16 CANTILEVER

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

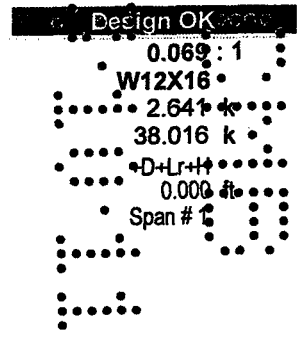


Applied Loads

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 @ 1.0 ft

DESIGN SUMMARY



Maximum Bending Stress Ratio =	0.073 : 1	Maximum Shear Stress Ratio =	0.069 : 1
Section used for this span	W12X16	Section used for this span	W12X16
Mu: Applied	2.633 k-ft	Vu: Applied	2.64 k
Mn / Omega: Allowable	36.108 k-ft	Vn/Omega: Allowable	38.016 k
Load Combination	+D+Lr+H	Load Combination	+D+Lr+H
Location of maximum on span	0.000ft	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	0.000 in	Ratio =	0 < 360
Max Upward L+Lr+S Deflection	0.000 in	Ratio =	0 < 360
Max Downward Total Deflection	0.001 in	Ratio =	47482
Max Upward Total Deflection	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 = 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	

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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

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

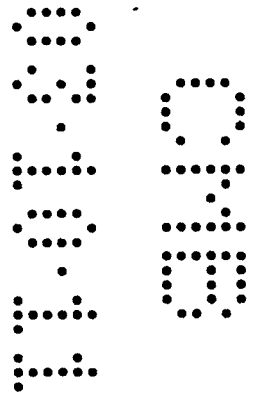
FROM PREVIOUS CALCS

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.
 13311 SW 103 ter
 Miami, Fl 33186
 PE 58086, CA 9717

Title :
 Dsgnr:
 Project Desc.:
 Project Notes :

Job #

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Printed: 9 MAR 2011, 12:28AM

Steel Beam

File: C:\Projects\BGA\wachovia alion rd\calcs\wachovia alion.ec6
 ENERCALC, INC. 1993-2011, Ver: 6.2.00, N:24267
 Licensee : ALEX KONDRAT & ASSOCIATES INC

Lic. #: KW-06006846

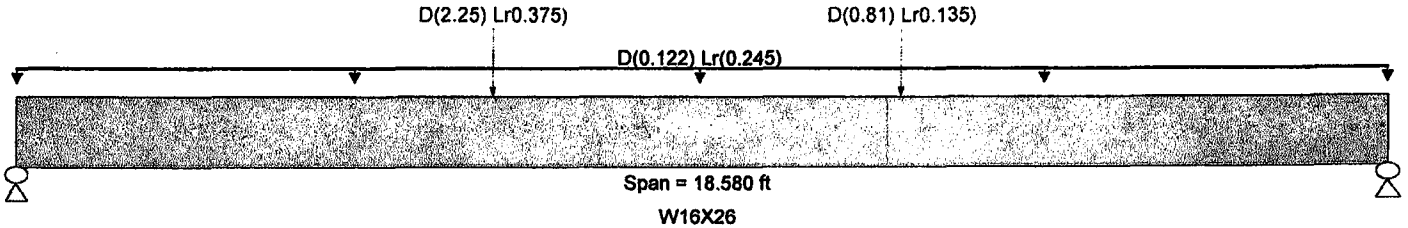
Description : W16x26 EXISTING

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

DESIGN SUMMARY

Maximum Bending Stress Ratio =	0.366 : 1	Maximum Shear Stress Ratio =	0.101
Section used for this span	W16X26	Section used for this span	W16X26
Mu : Applied	29.038 k-ft	Vu : Applied	5.694 k
Mn / Omega : Allowable	79.401 k-ft	Vn/Omega : Allowable	56.520 k
Load Combination	+D+Lr+H	Load Combination	+D+Lr+H
Location of maximum on span	7.804ft	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	0.088 in	Ratio =	2538
Max Upward L+Lr+S Deflection	0.000 in	Ratio =	0 <360
Max Downward Total Deflection	0.206 in	Ratio =	1084
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	0.366	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

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

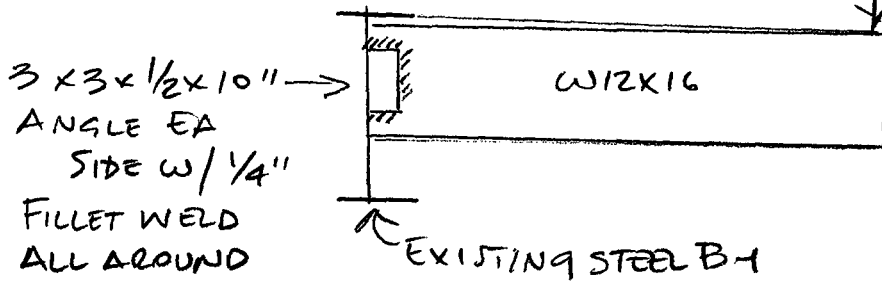
Alex Kondrat & Associates, Inc.
 Structural Engineers
 P.E. No. 58086, C.A. No. 9717
 Tel: (305) 387-5770 Fax: (305) 387-5769
 Miami, Florida

JOB: Wachovia Alton Road
 SHEET NO.
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 SCALE: NTS

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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 $= f_v = \frac{P}{2L t_e} = \frac{2.625k}{(2)(10)(0.176)} = 373 \text{ psi}$

$t_e = 0.707w = 0.707(1/4) = 0.176"$

BENDING STRESS $f_b = \frac{M}{S}$ $M = 2.625 \times 12" = 31.5k\text{-in}$

$S = \frac{bd + \frac{d^2}{6}}{2} = \frac{(3)(10) + \frac{(10)^2}{6}}{2} = 23.3$

$f_b = \frac{31.5}{23.3} = 1352 \text{ psi}$

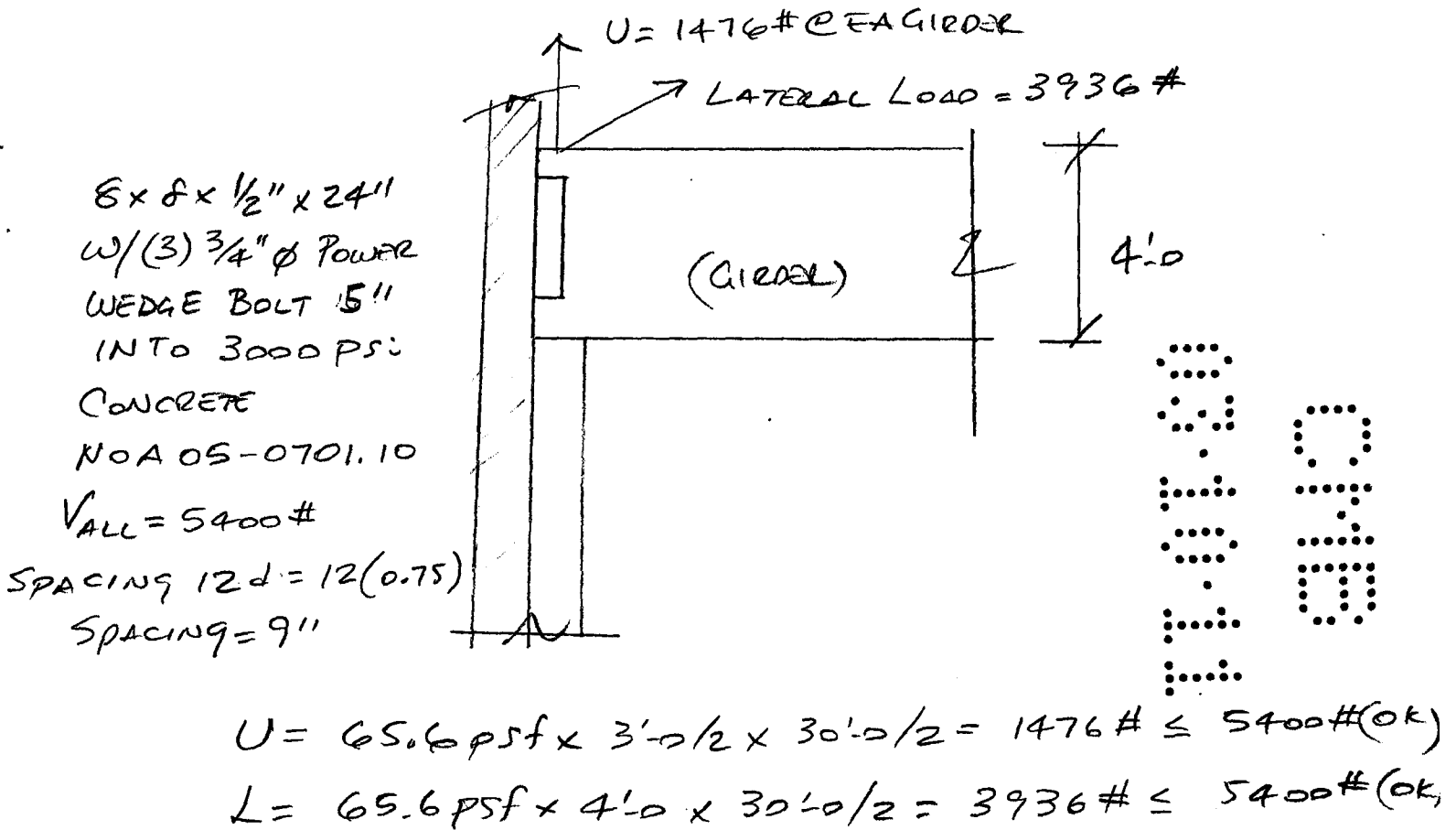
$46.67 \times 2 = 93.3$
 $93.3 \times 1/4" = 23.3$

RESULTANT $= \sqrt{373^2 + 1352^2}$ BASED ON UNITY

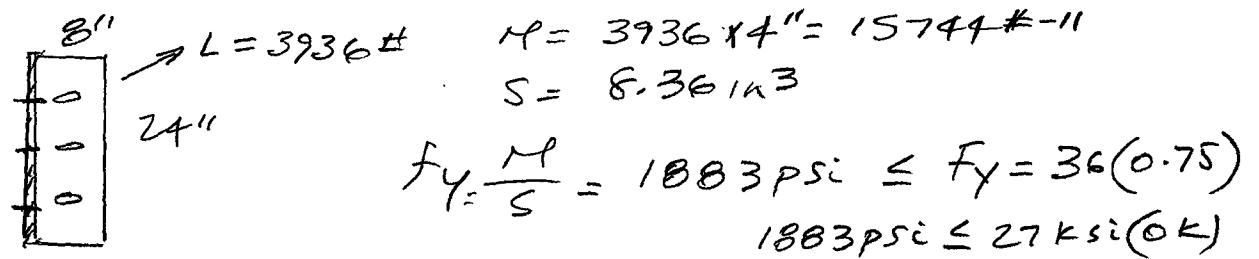
$R = 1402 \text{ psi}$

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

CHECK UPLIFT CONNECTION (STEEL GIRDER)



CHECK ANGLE FOR BENDING



VERIFY LOAD ON NEW PAD FOOTINGS

LOAD FROM GIRDER

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

DEAD LOAD COL

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

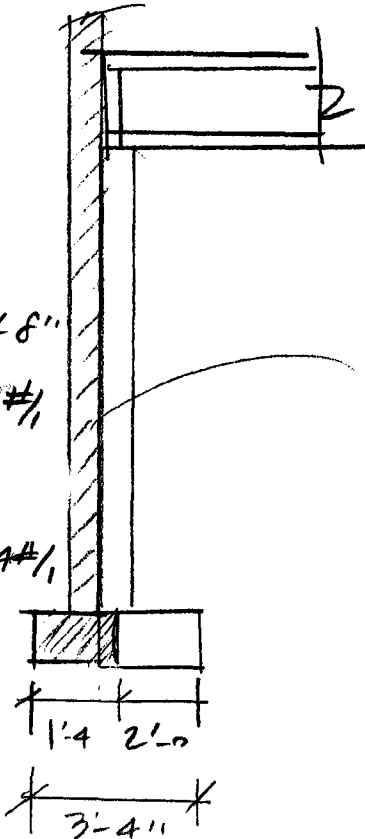
$P = 5278 \# / 8 \text{LD} = 660 \# /$

$\Sigma D = (1.33)(2026) / 8 \text{LD} = 84 \# /$

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

$\Sigma L = (0.67)(2026) = 1357$
 8LD

$\Sigma L = 170 \# /$



EXISTING WALL

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

EXISTING ROOF-

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

DEAD $25 \text{psf} \times 83' / 2 = 412 \# /$

$\Sigma D = 1643 \# /$

$\Sigma L = 495 \# /$

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 #

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Printed: 9 MAR 2011, 12:29AM

Wall Footing
 Lic. #: KW-06006846
 Description: 2'-0"X8'-0" pad
 File: C:\Projects\BGA\wachovia_alton rd\calc\wachovia_alton.ec3
 ENERCALC, INC. 1983-2011 Ver. 6.200. N24257
 Licensee: ALEX KONDRAT & ASSOCIATES INC

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

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

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

Increases based on footing Depth

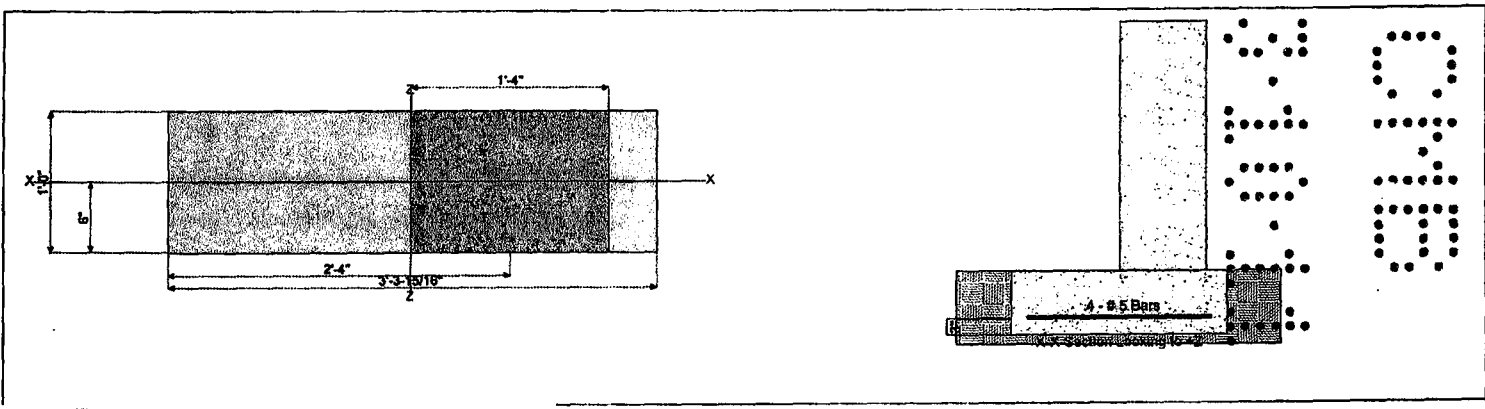
Reference Depth below Surface	=	ft
Allow. Pressure Increase per foot of depth when base footing is below	=	ksf ft

Increases based on footing Width

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

Footing Width	=	3.330 ft	Footing Thickness	=	12.0 in	Bars along X-X Axis	=	12.00
Wall Thickness	=	16.0 in	Rebar Centerline to Edge of Concrete.. at Bottom of footing	=	3.0 in	Bar spacing	=	# 5
Wall center offset from center of footing	=	8 in			Reinforcing Bar Size	=		



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.
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Printed: 9 MAR 2011, 12:28AM

Wall Footing

File: C:\Projects\BGA\wachovia elton rd\calcs\wachovia elton\eca
 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			Actual / Allowable Ratio
					+Z	-X	-X	
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+0.750Lr+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+0.750Lr+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+0.750Lr+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
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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

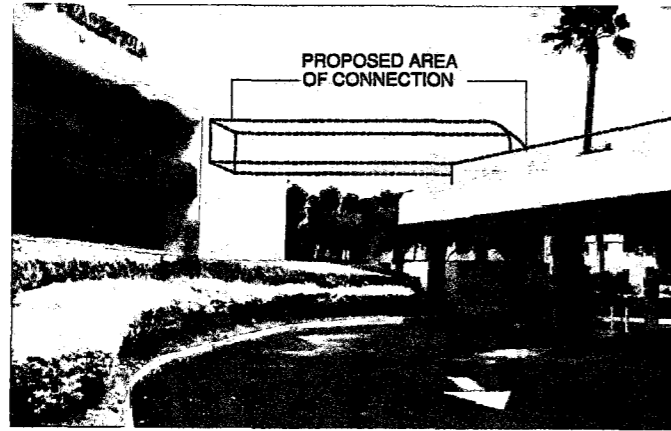
Footing Flexure

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	Min k-ft	Status
Z-Z, +1.40D	0.8397	-X	Bottom	0.0276	Calc'd Bendina	0	12.131	OK
Z-Z, +1.40D	0.1389	+X	Bottom	0.0046	Calc'd Bendina	0	12.131	OK
Z-Z, +1.20D+0.50Lr+1.60L+1.60H	0.8089	-X	Bottom	0.0266	Calc'd Bendina	0	12.131	OK
Z-Z, +1.20D+0.50Lr+1.60L+1.60H	0.1562	+X	Bottom	0.0051	Calc'd Bendina	0	-12.131	OK
Z-Z, +1.20D+1.60L+0.50S+1.60H	0.8089	-X	Bottom	0.0266	Calc'd Bendina	0	12.131	OK
Z-Z, +1.20D+1.60L+0.50S+1.60H	0.1562	+X	Bottom	0.0051	Calc'd Bendina	0	12.131	OK
Z-Z, +1.20D+1.60Lr+0.50L	0.7473	-X	Bottom	0.0246	Calc'd Bendina	0	12.131	OK
Z-Z, +1.20D+1.60Lr+0.50L	0.1306	+X	Bottom	0.0043	Calc'd Bendina	0	12.131	OK
Z-Z, +1.20D+0.50L+1.60S	0.7473	-X	Bottom	0.0246	Calc'd Bendina	0	12.131	OK
Z-Z, +1.20D+0.50L+1.60S	0.1306	+X	Bottom	0.0043	Calc'd Bendina	0	12.131	OK
Z-Z, +1.20D+0.50Lr+0.50L+1.60W	0.7473	-X	Bottom	0.0246	Calc'd Bendina	0	12.131	OK
Z-Z, +1.20D+0.50Lr+0.50L+1.60W	0.1306	+X	Bottom	0.0043	Calc'd Bendina	0	12.131	OK
Z-Z, +1.20D+0.50L+0.50S+1.60W	0.7473	-X	Bottom	0.0246	Calc'd Bendina	0	12.131	OK
Z-Z, +1.20D+0.50L+0.50S+1.60W	0.1306	+X	Bottom	0.0043	Calc'd Bendina	0	12.131	OK
Z-Z, +1.20D+0.50L+0.20S+E	0.7473	-X	Bottom	0.0246	Calc'd Bendina	0	12.131	OK
Z-Z, +1.20D+0.50L+0.20S+E	0.1306	+X	Bottom	0.0043	Calc'd Bendina	0	12.131	OK

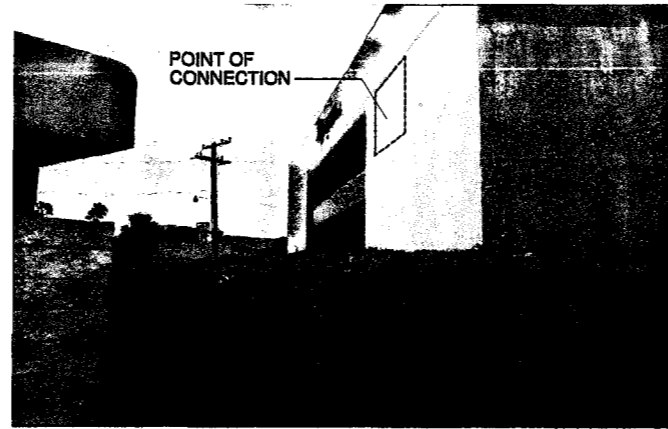
Units : k

Load Combination...	Vu @ -X	Vu @ +X	Vu:Max	Phi Vn	Vu / Phi*Vn	Status
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+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



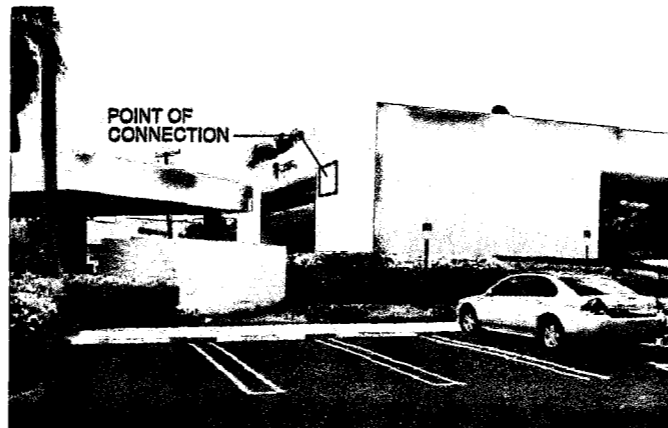
2 EXISTING NORTH VIEW



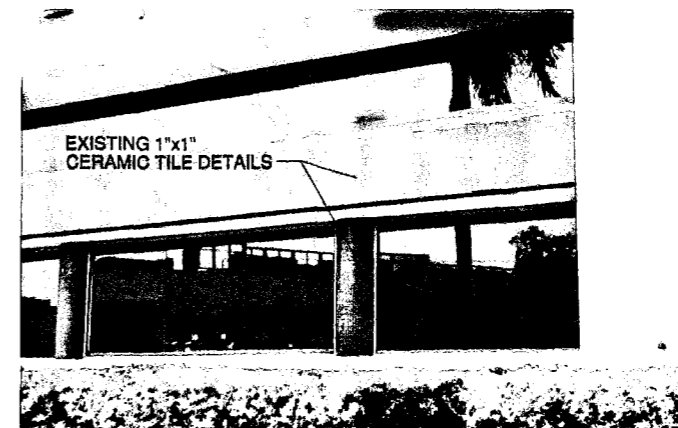
3 EXISTING SOUTH VIEW



4 EXISTING WEST VIEW



5 EXISTING NORTH VIEW
VIEW FROM EXISTING PARKING AREA



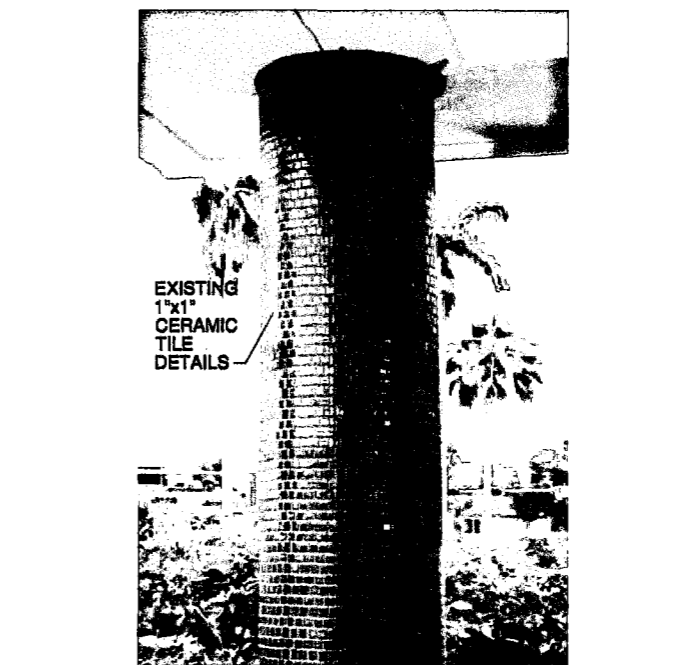
6 EXISTING EAST VIEW
OUTSIDE TELLERS AREA



7 EXISTING SOUTH VIEW



8 EXISTING TELLERS AREA INTERIOR VIEW

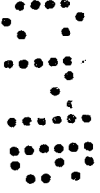


9 EXISTING COLUMN DETAIL

COLOR PHOTOGRAPHS OF EXISTING BUILDING / DRIVE-THRU CANOPY



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



05-09-11	B.D.C.	
03-07-11	P.S.	
MARK	DATE	DESCRIPTION
A.B.	AS-BUILT	
E.A.	REVISED AFTER PERMIT	
S.A.	DEVELOPER CORP. COMMENTS	
C.A.	COORDINATOR CHANGES	
P.A.	PERMIT SET	
D.S.	DESIGN DEVELOPMENT	
P.S.	PUBLIC HEARING	
S.P.	SITE PLAN REVIEW	
PROJECT No. 201006MS07		
DRAWN BY: A.V.		
CHECKED BY: Angel Milanés		

PNEUMATIC TUBES OVERHEAD CONNECTING BRIDGE @ WACHOVIA DRIVE-THRU TELLER

1901 ALTON ROAD
MIAMI BEACH, FL.

NOTICE: In addition to the requirements of this permit, there may be additional requirements of the City of Miami Beach, Florida, or other governmental entities such as the water utility, fire department, etc. The contractor shall be responsible for obtaining all necessary permits and approvals from all applicable governmental entities.

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

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

**PUBLIC WORKS
PLAN REVIEW NOTICE**
Phone 305-673-7080 Fax 305-673-7028

THIS PLAN REVIEW CONSTITUTES APPROVAL FOR OBTAINING BUILDING PERMITS ONLY.

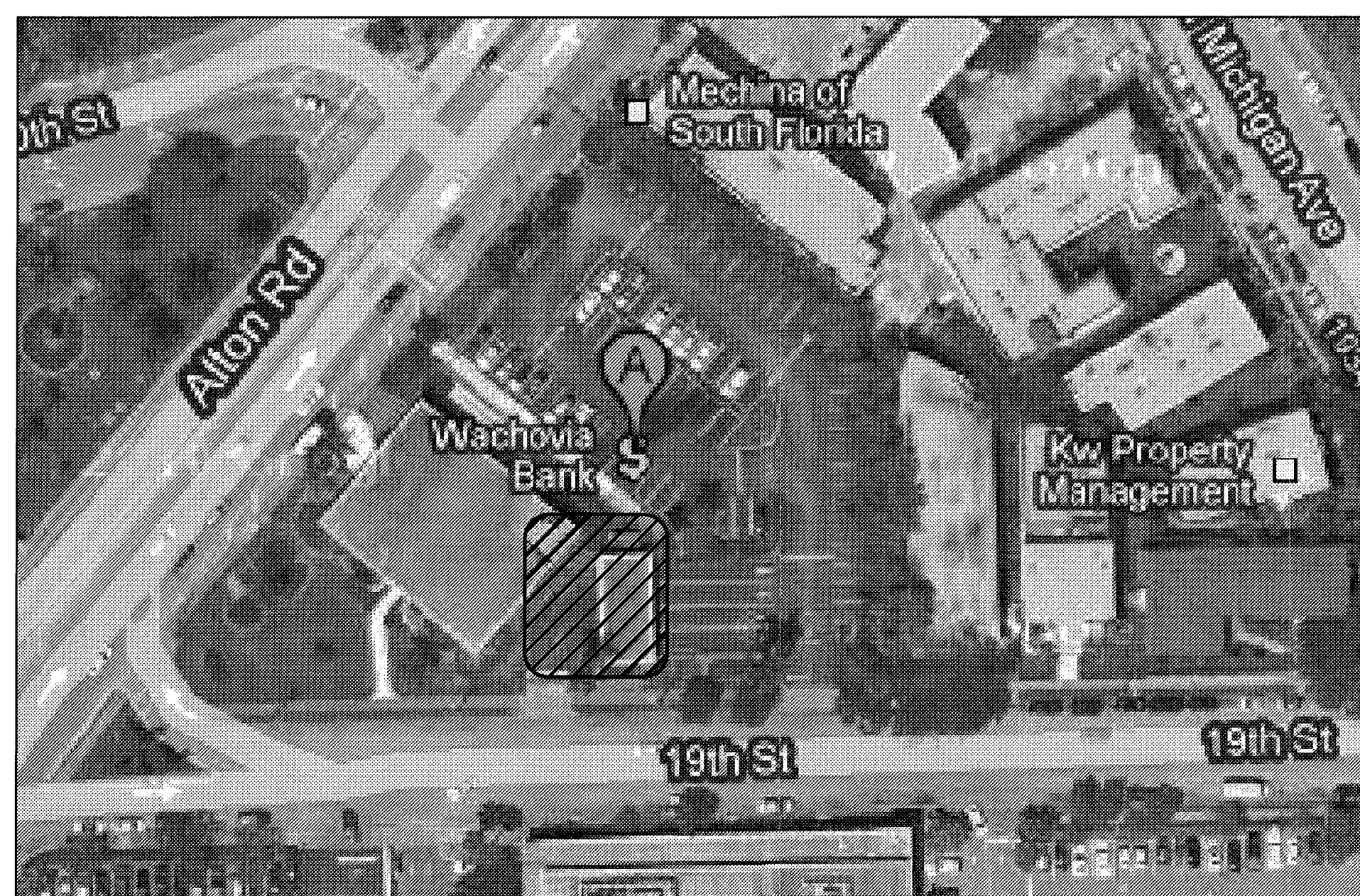
All construction and/or use of equipment in the right-of-way and/or easements requires a separate Public Works Department permit prior to start of construction.

Permit Requirements: Proof of existing sidewalk/swale area conditions (pictures) and/or posting of sidewalk/roadway bonds (pictures) and/or posting of 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: *[Signature]* Date: 09/22/11

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

BUILDING:	<i>[Signature]</i> 09/22/11
ZONING:	<i>[Signature]</i> 09/22/11
DRB/HPB:	
CONCURRENCY:	
PLUMBING:	<i>[Signature]</i> 09/22/11
ELECTRICAL:	<i>[Signature]</i> 09/22/11
MECHANICAL:	<i>[Signature]</i> 09/22/11
FIRE PREVENTION:	<i>[Signature]</i> 09/22/11
ENGINEERING:	<i>[Signature]</i> 09/22/11
PUBLIC WORKS:	<i>[Signature]</i> 09/22/11
STRUCTURAL:	<i>[Signature]</i> 09/22/11
ELEVATOR:	

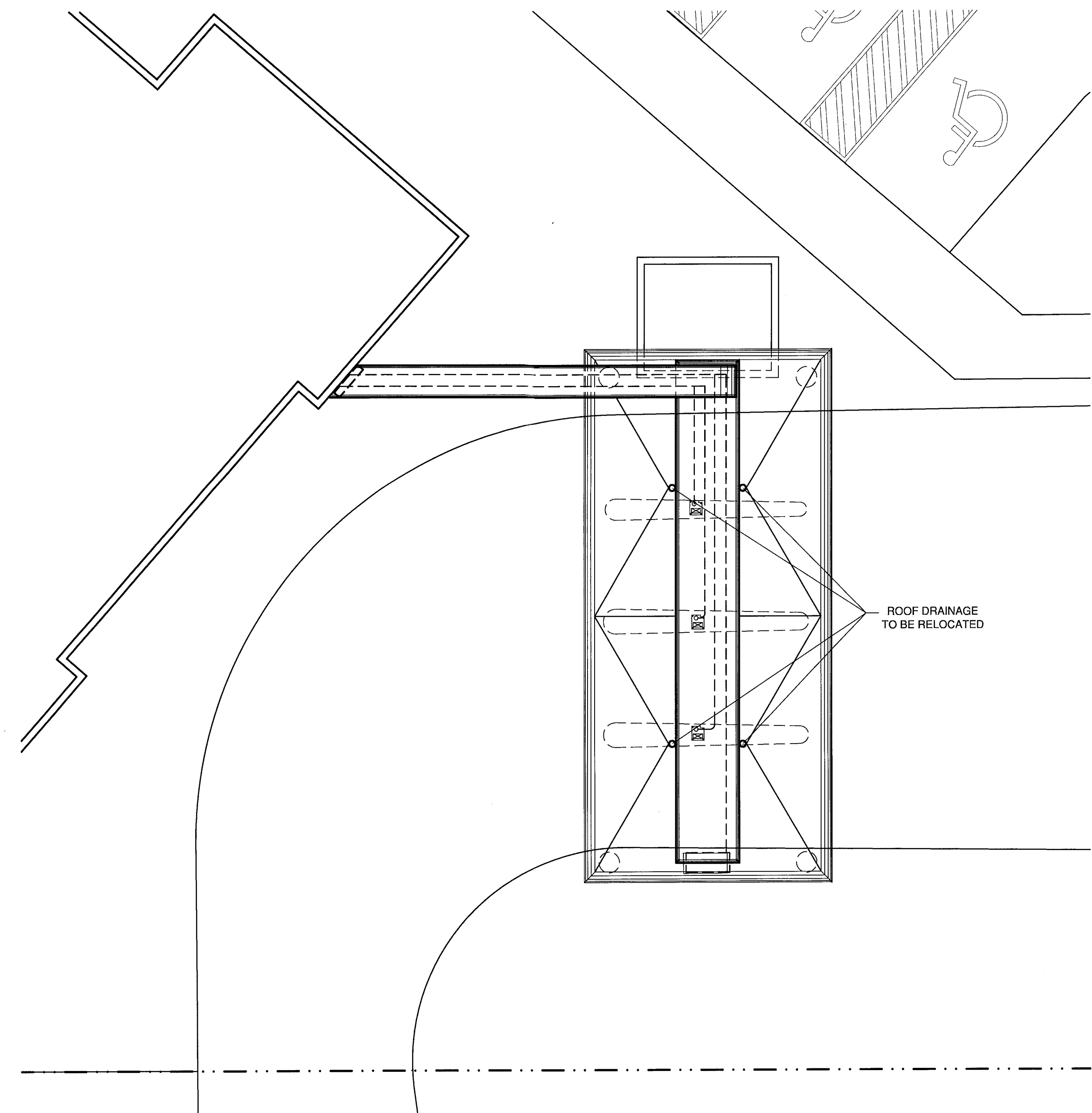


2 LOCATION MAP
N.T.S.

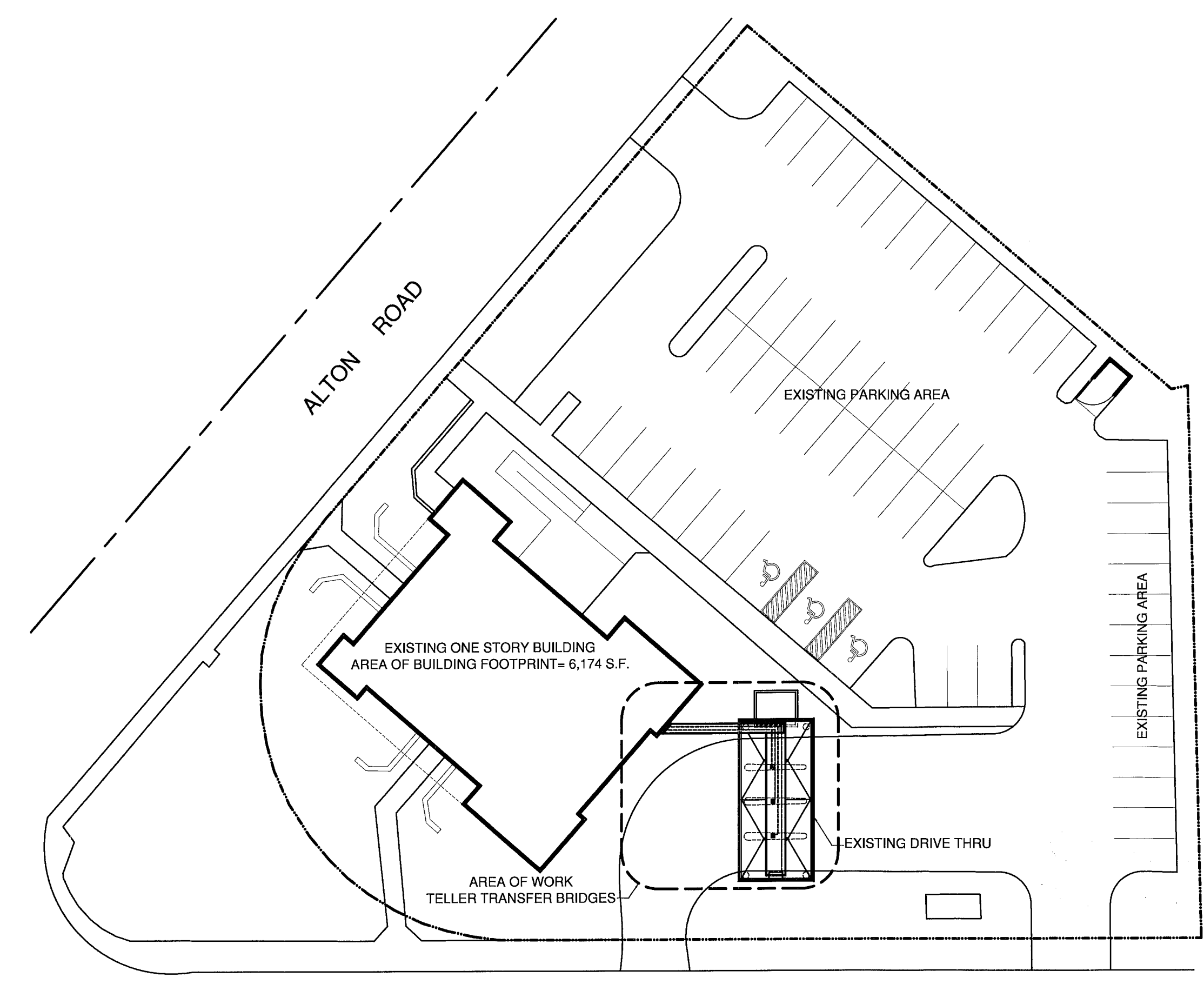
SCOPE OF WORK:

- 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.

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



1 TELLER TRANSFER BRIDGES
SCALE: 1/8" = 1'-0"



3 EXISTING SITE PLAN
SCALE: 1/32" = 1'-0"

CONNECTING BRIDGE
WACHOVIA DRIVE-THRU TELLERS
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
F.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

Angel Milanés
3-7-11

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

SHEET TITLE
EXISTING SITE PLAN

SP-1
SHEET OF

GENERAL NOTES

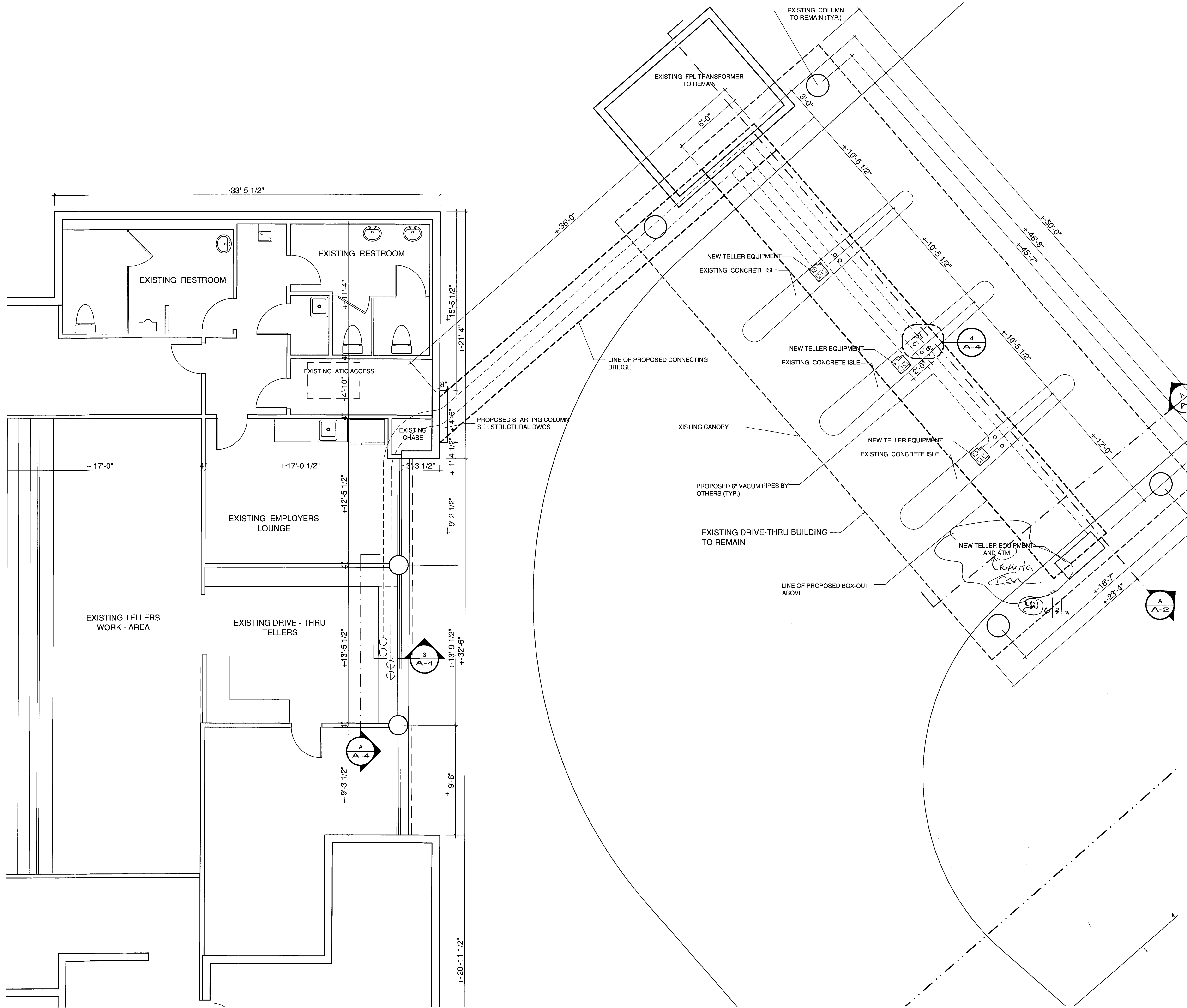
A. ELECTRICAL:
ELECTRICAL CONTRACTOR TO VERIFY THAT UTILITIES TO BE REMOVED ARE PROPERLY DISCONNECTED PRIOR TO ANY DEMOLITION WORK. CAP OFF AT FLOOR SLAB, WALL AND/OR CEILING AND DISCONNECT ALL ELECTRIC SERVICE TO PANEL ON THIS SPACE. REMOVE ALL EXISTING CONDUITS AND/OR EXPOSED WIRING INSIDE ALL FUTURE 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.

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



DEMOLITION NOTES

- GENERAL CONTRACTOR IS RESPONSIBLE FOR SITE INVESTIGATION PRIOR TO DEMOLITION, TO REVEAL FULL SCOPE OF WORK.
- 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.
- 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.
- GENERAL CONTRACTOR TO MAKE SURE THAT ALL UTILITIES TO BE REMOVED DISCONNECTED PRIOR TO COMMENCEMENT OF PROPOSED DEMOLITION WORK.
- 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.
- GENERAL CONTRACTOR AND/OR DEMOLITION CONTRACTOR TO AVOID ENCROACHMENTS ONTO ADJACENT NEIGHBORS.
- 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.
- EXISTING BUILDING, FINISHES, EQUIPMENT, FURNITURE, AND ELECTRICAL, MECHANICAL & PLUMBING INSTALLATIONS TO REMAIN UNLESS OTHERWISE NOTED.
- AFTER COMPLETION OF CONSTRUCTION, G.C. IS RESPONSIBLE FOR PATCHING, REPAIR AND/OR FINISH ANY ADJACENT OR AFFECTED AREAS OF EXISTING STRUCTURE.
- SEE GENERAL NOTES.

3-7-11 P.S.

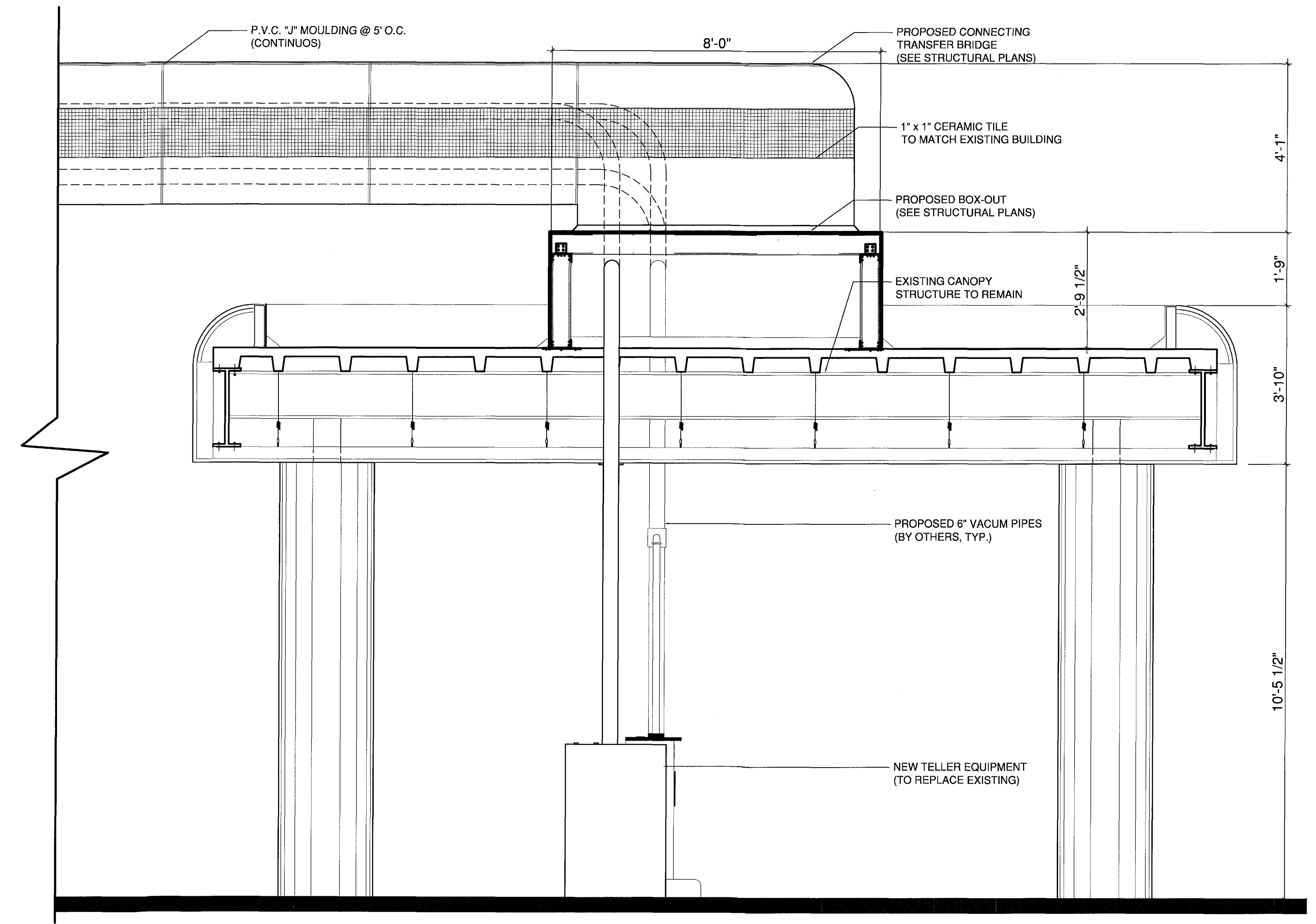
MARK	DATE	DESCRIPTION
A.S.	AS-BUILT	
R.A.P.	REVISION AFTER PERMIT	
B.D.C.	BUILDING DEPT. COMMENTS	
C.C.	COORDINATION CHANGES	
P.S.	PERMIT SET	
D.D.	DESIGN DEVELOPMENT	
P.H.	PUBLIC HEARING	
S.F.A.	SITE PLAN REVIEW	

PROJECT No. 2010BM997
DRAWN BY: A.V.
CHECKED BY: Angel Milanés

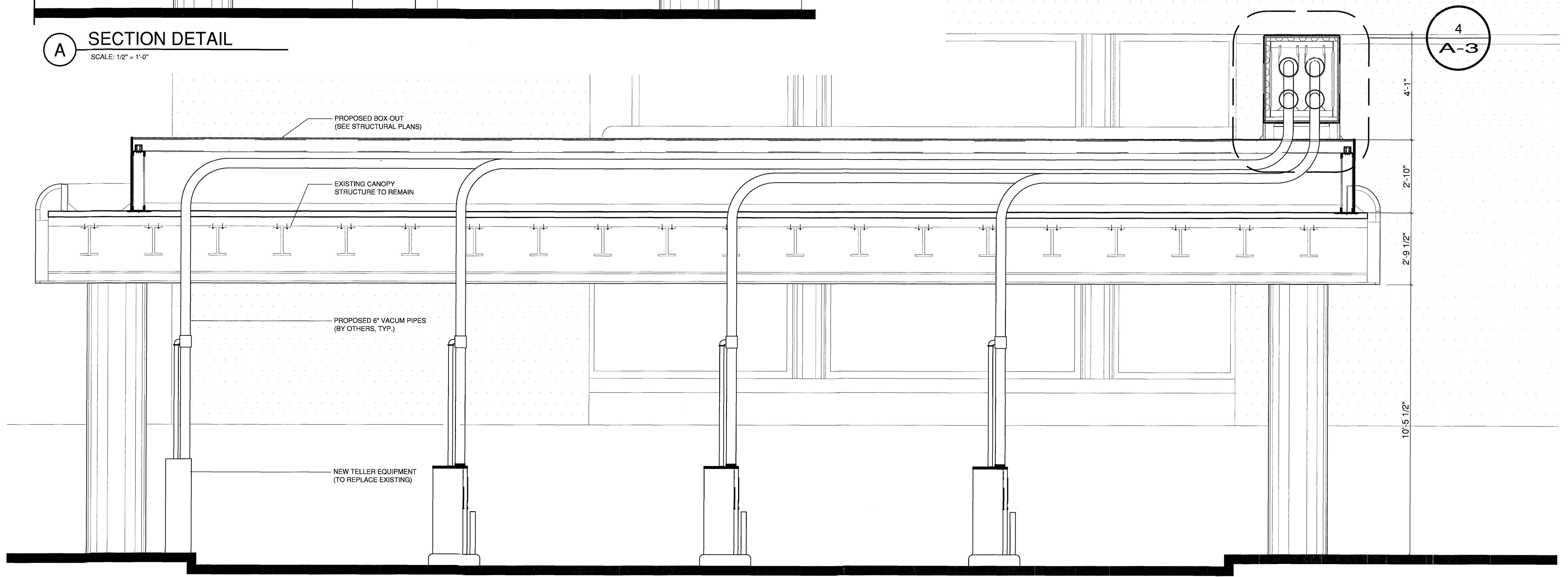
Angel Milanés
3-7-11

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

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



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



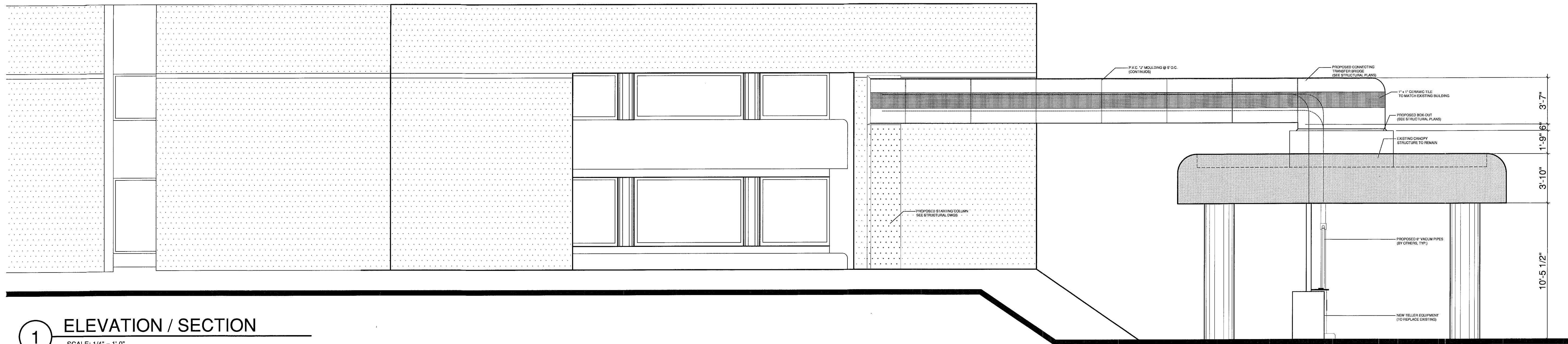
B SECTION DETAIL
SCALE: 1/2" = 1'-0"

MARK	DATE	DESCRIPTION
A.B.	AS-BUILT	
B.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	

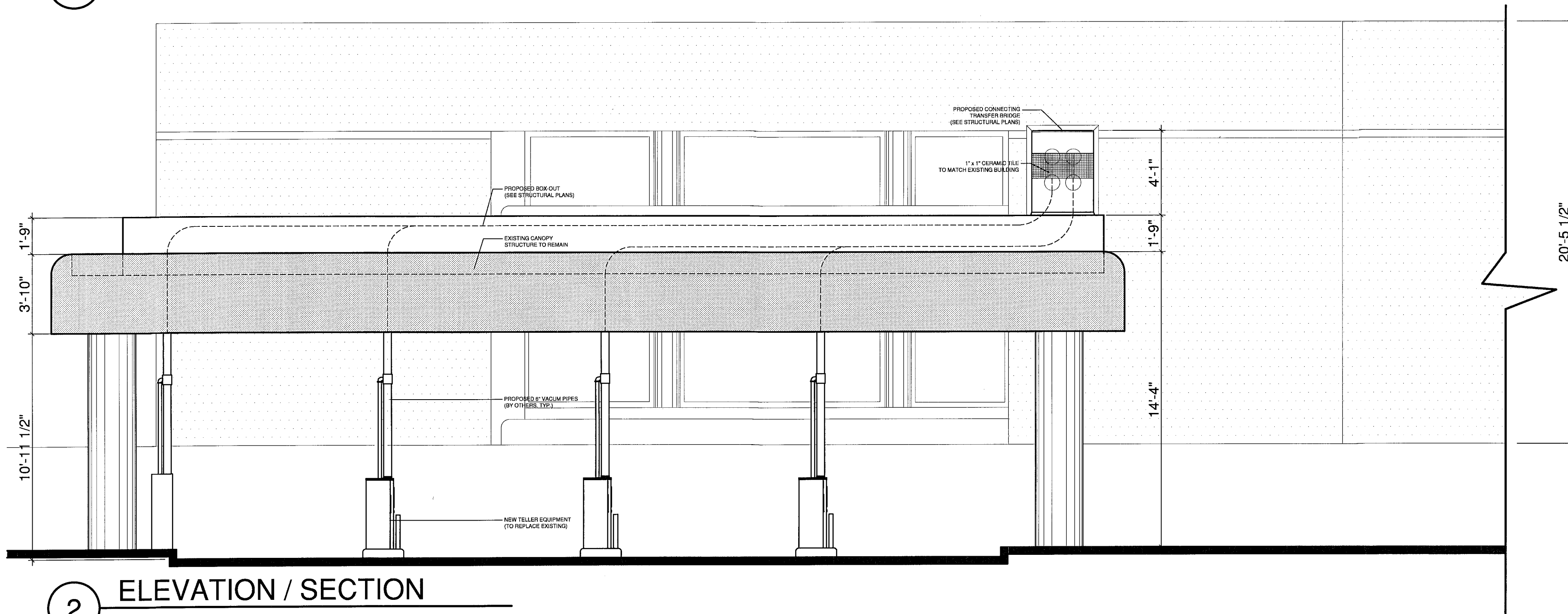
PROJECT No. 2010BM597
DRAWN BY: A.V.
CHECKED BY: Angel Milanés

Angel Milanés
3-7-11

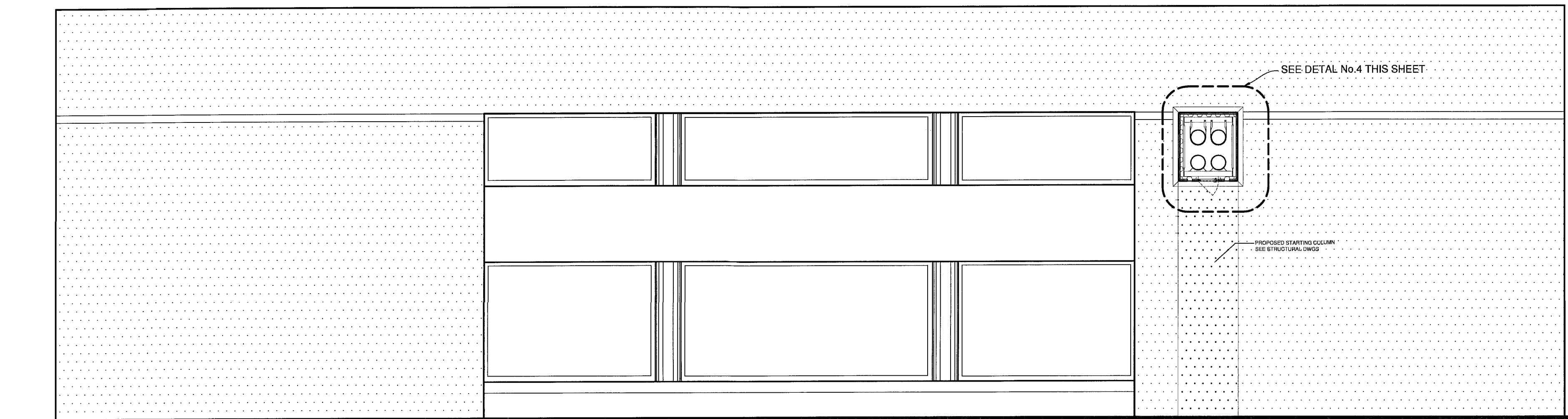
LEOPOLDO BELLON, AIA (AR-008737)
 ANGEL MILANES, AIA (AR-0015845)



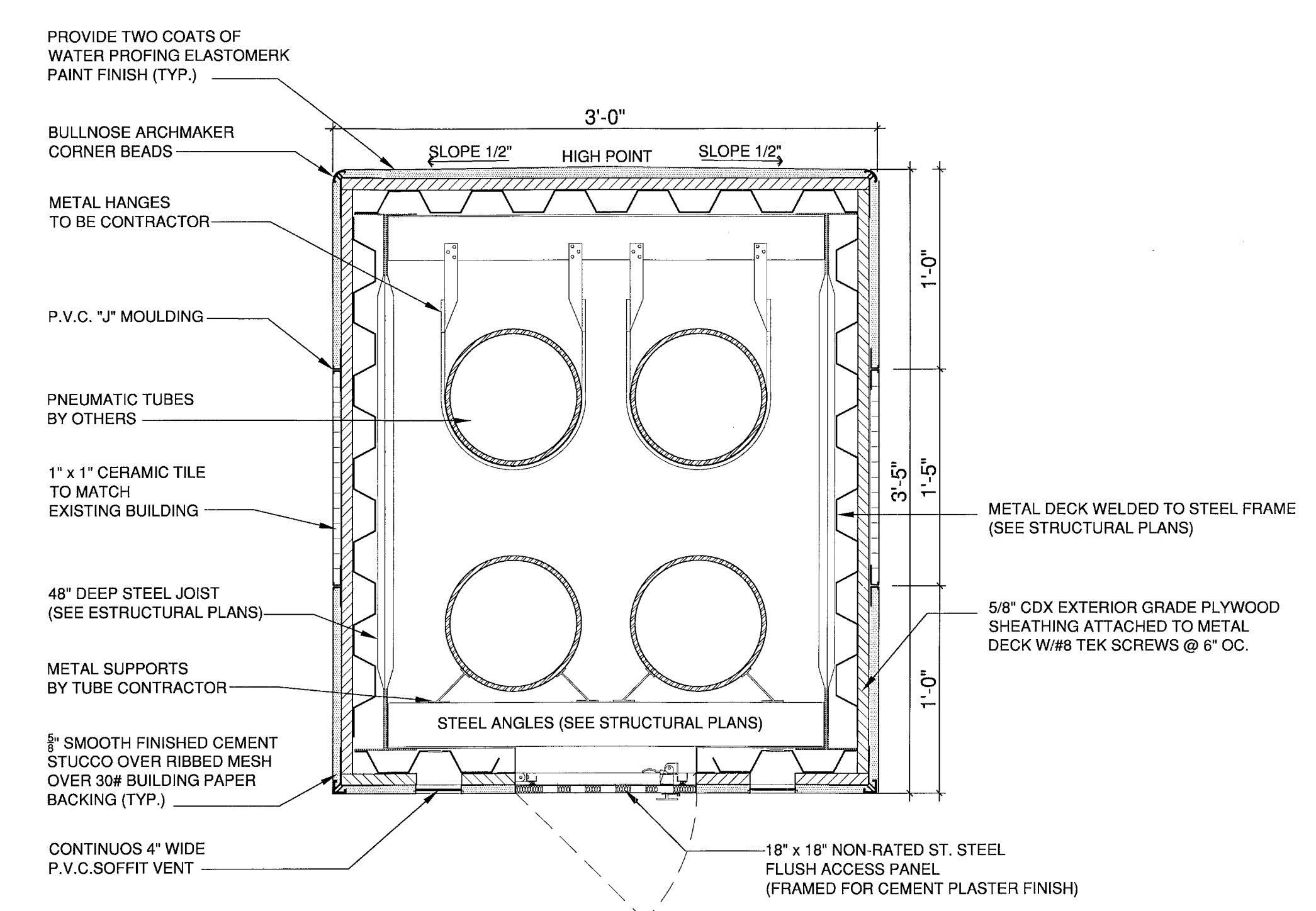
1 ELEVATION / SECTION
SCALE: 1/4" = 1'-0"



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



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



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

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

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

11-7-11 P.S.

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

Angel Milanés
3-7-11

□ LEOPOLDO BELLON, AIA (AR-008737)
□ ANGELO MILANES, AIA (AR-0015845)

SHEET TITLE
DETAILS
A-3
SHEET OF

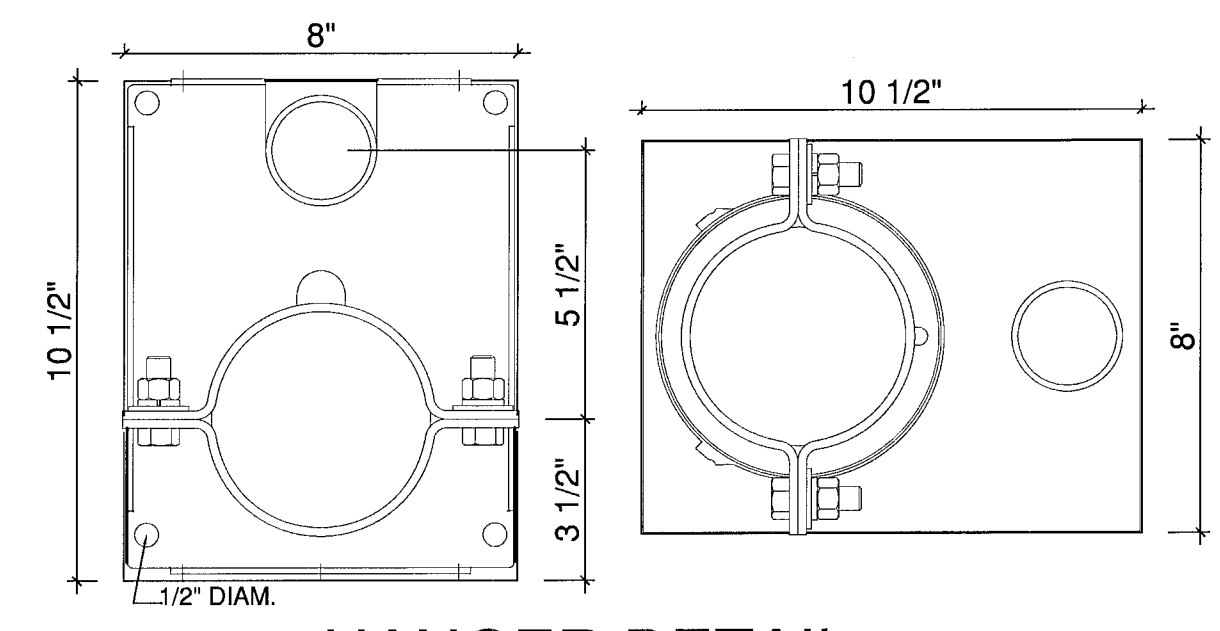
86. 3-7-11

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

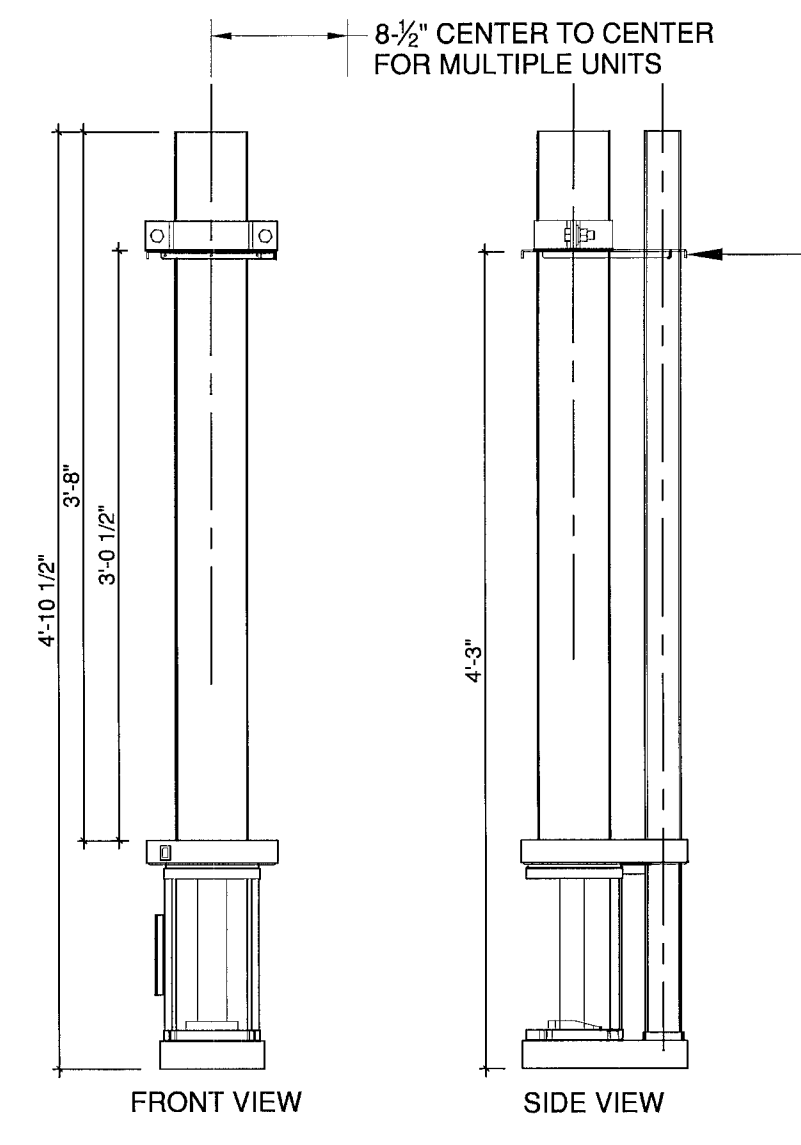
PROJECT No. 2010BMS97
DRAWN BY: A.V.
CHECKED BY: Angel Milanes

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

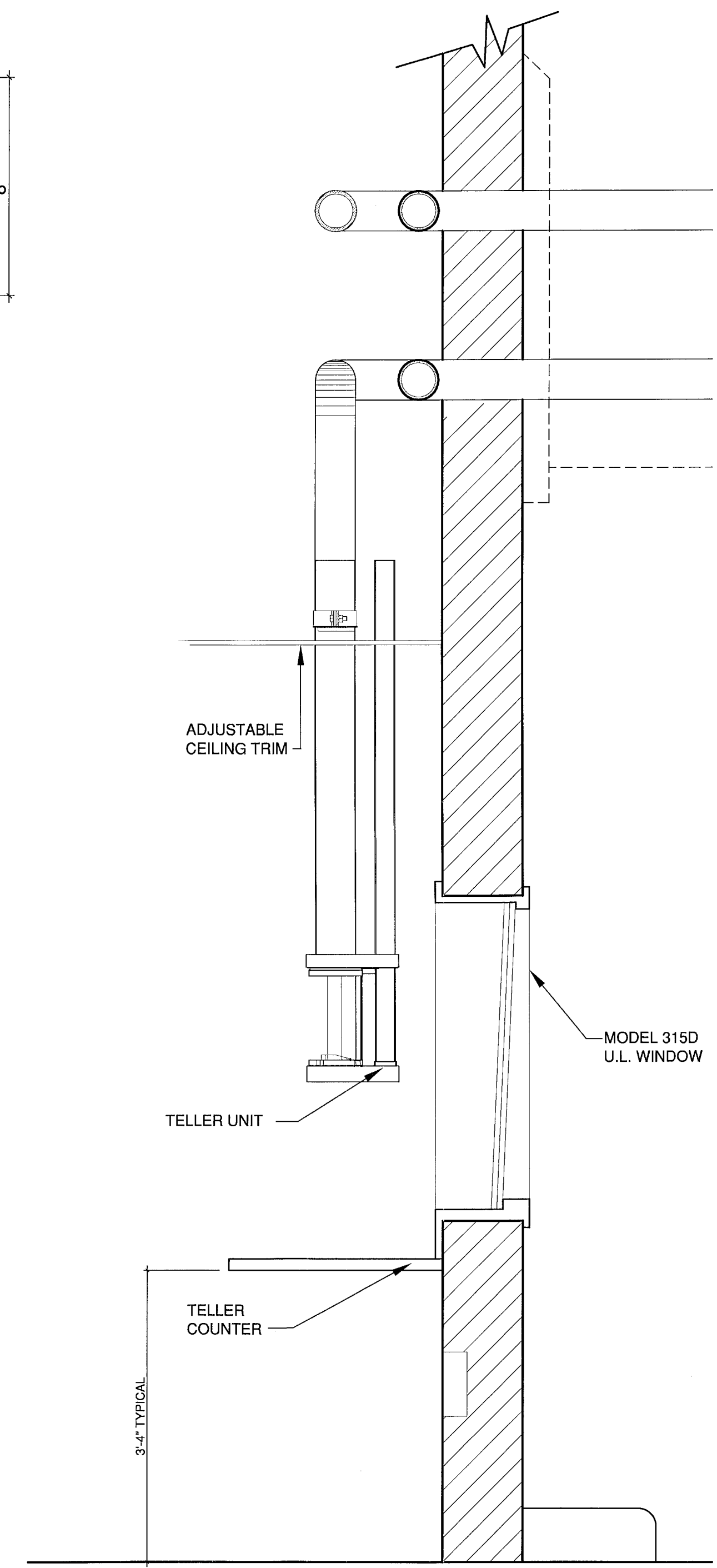
SHEET TITLE
DETAILS
A-4
SHEET OF



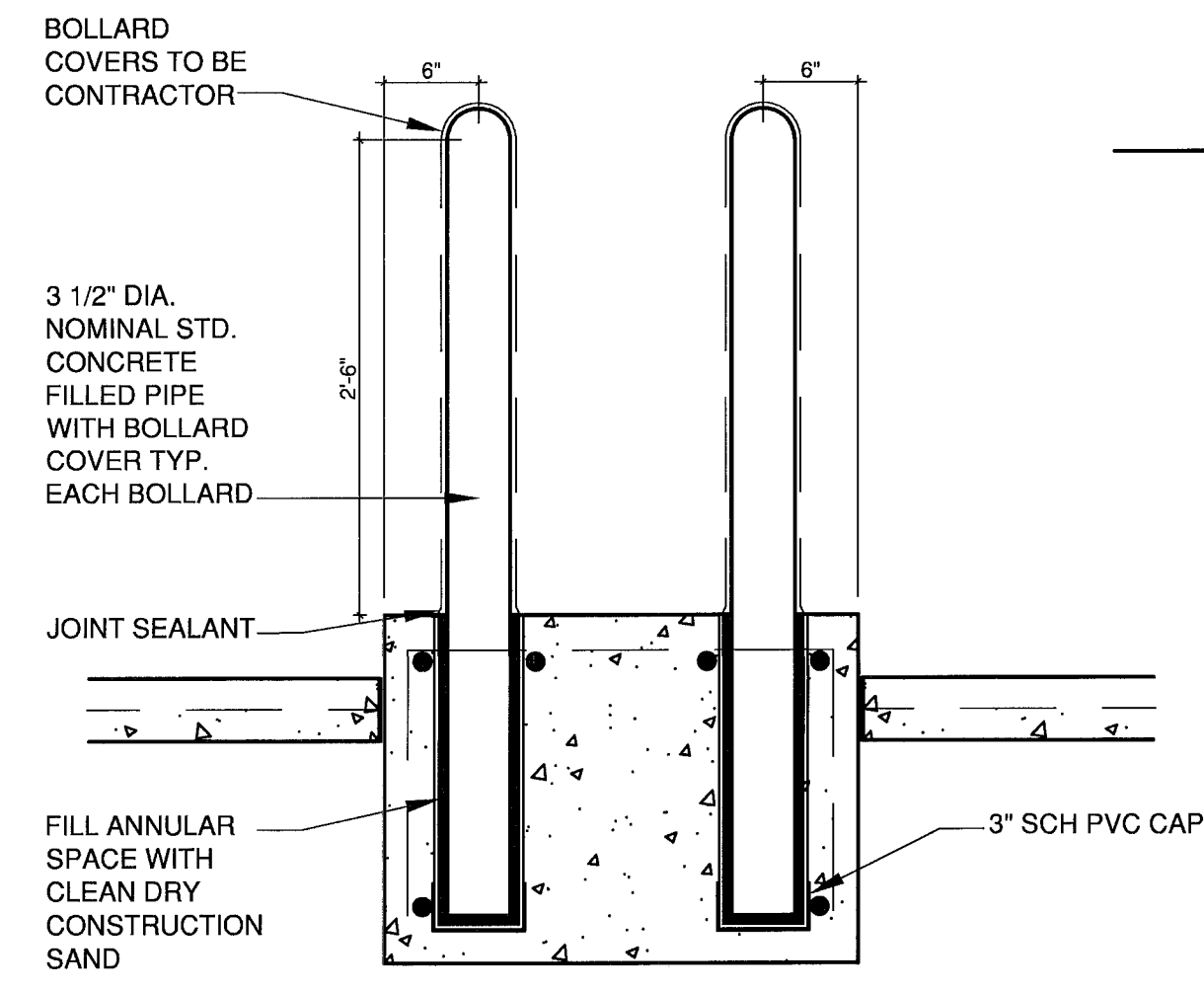
1 HANGER DETAIL
SCALE: 3" = 1'-0"



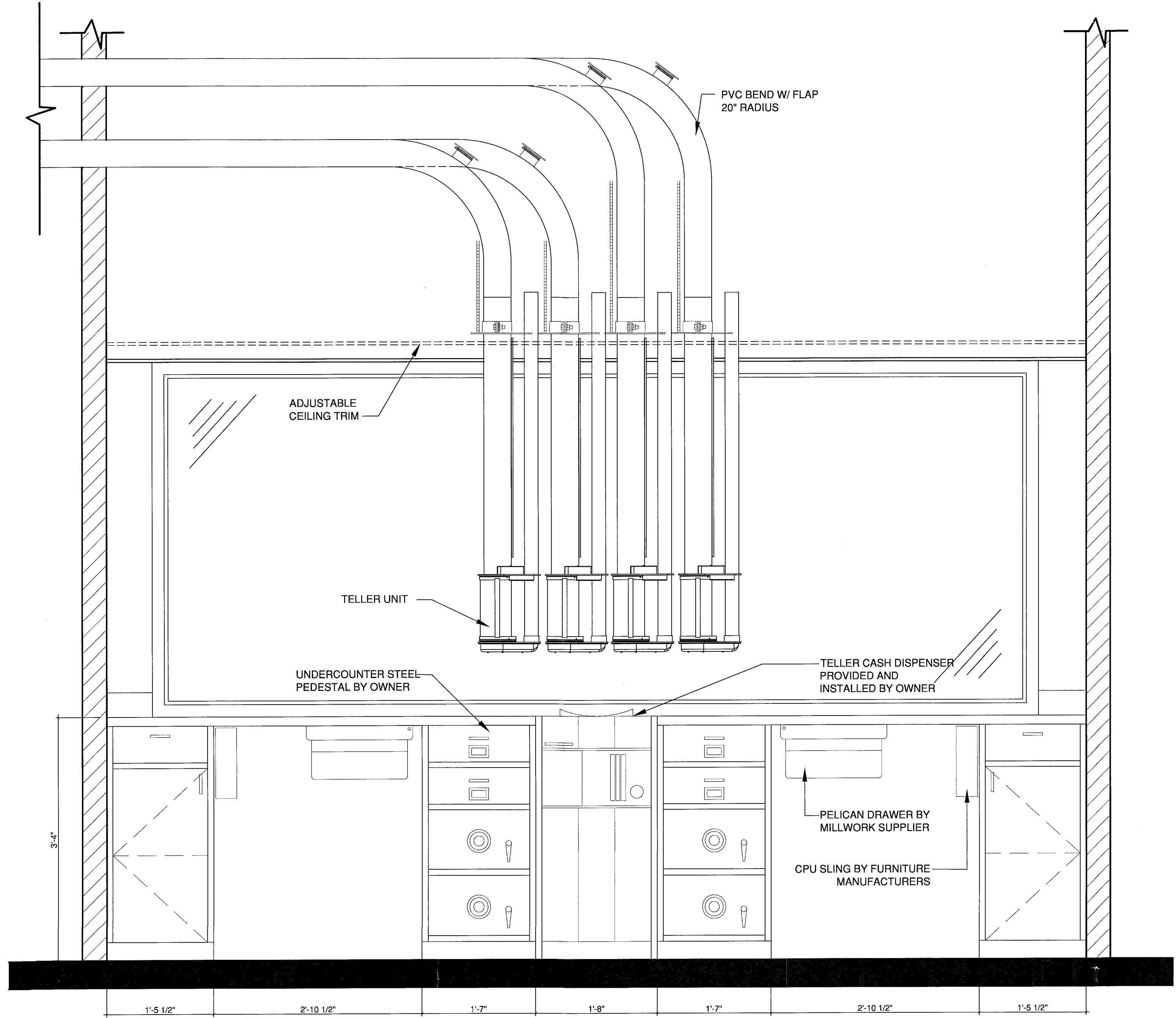
2 OVERHEAD TELLER STANDART DETAILS
SCALE: 1" = 1'-0"



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

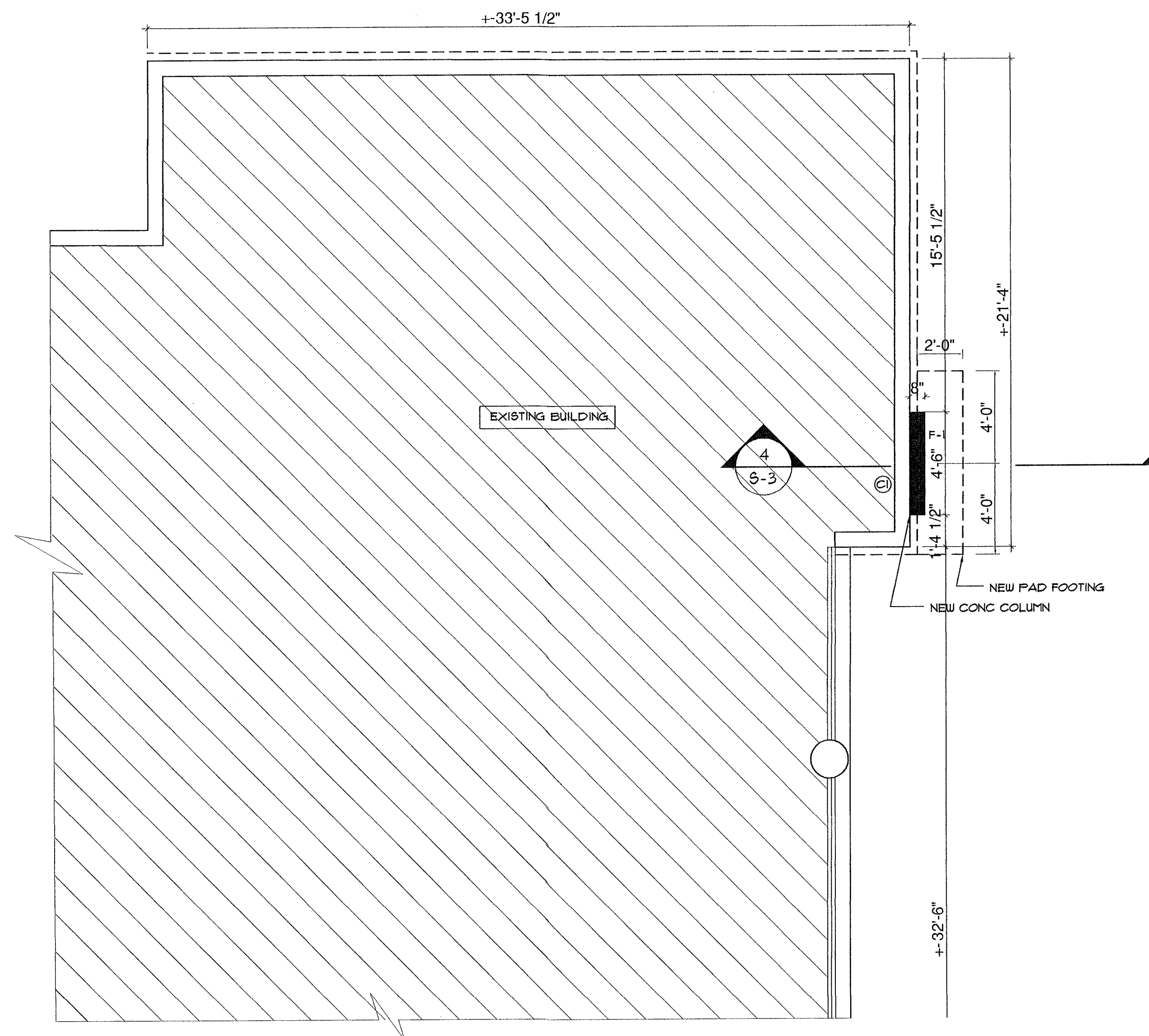


4 BOLLARD DETAIL
SCALE: 1" = 1'-0"



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



EXISTING BUILDING FOUNDATION PLAN
SCALE: 1/4" = 1'-0"

FOOTING SCHEDULE							
MARK	FOOTING TYPE	WIDTH	LENGTH	DEPTH	REINFORCEMENT		REMARKS
					A	B	
FI	A	2'-0"	8'-0"	12"	(3) #5	#5 DOUELS @ 12" OC	CONCRETE FOOTING F _c =3000 PSI TOP 4 BOTTOM STEEL

FOOTING TYPES	
<p>TYPE-A</p>	

COLUMN SCHEDULE					
MARK	COLUMN TYPE	DIMENSIONS	REINFORCEMENT		REMARKS
			VERTICAL	HORIZONTAL	
CI	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
<p>1) A SPECIAL INSPECTION BY A FL CERTIFIED ENGINEER OR SPECIAL INSPECTOR WILL BE REQUIRED FOR REINFORCED STRUCTURAL STEEL CONNECTIONS & MASONRY.</p> <p>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.</p> <p>3) CONTRACTOR TO LOCATE ALL EXISTING UTILITIES PRIOR TO EXCAVATION.</p> <p>4) ALL SPECIFIED MATERIALS AND CONNECTORS CAN BE SUBSTITUTED WITH EQUAL OR BETTER WITH THE APPROVAL OF ENGINEER OF RECORD.</p> <p>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.</p> <p>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</p>	<p>1) PROVIDE CLEANOUT OPENING AT THE BOTTOM OF REINFORCED MASONRY CELLS THAT ARE BEING FILLED TO ENSURE THAT THE CELL IS FILLED. PROVIDE UEEP HOLES AT 1/3 AND 2/3 OF SPAN</p> <p>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 F_c=1800 P.S.I. ON THE NET CROSS-SECTIONAL AREA AND SHALL BE LAID IN RUNNING BOND.</p> <p>3) MORTAR SHALL COMPLY WITH ASTM 210 MORTAR TYPE S. F_m=1500 PSI</p> <p>4) WHERE ANCHOR BOLTS ARE SET IN MASONRY WALL, FILL TWO BLOCK CELLS WITH GROUT @ ANCHOR BOLT LOCATIONS</p> <p>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</p> <p>6) POUR GROUT IN LIFTS NOT TO EXCEED 4'</p> <p>7) GROUT USED IN THE WORK SHALL OBTAIN A MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI IN 28 DAYS. GROUT SHALL COMPLY WITH ASTM C416.</p>	<p>PRIOR TO ANY FABRICATION, SHOP DRAWINGS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR REVIEW AND SPECIFICATIONS ARE REQUIRED, BUT NOT LIMITED TO, FOR THE FOLLOWING:</p> <p>1. STEEL JOIST 2. STRUCTURAL STEEL</p> <p>STRUCTURAL DESIGN CRITERIA</p> <p>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.</p> <p>APPLICABLE CODES: A. FLORIDA BUILDING CODE 2001 EDITION B. ACI 318-05 REINFORCED CONCRETE C. REINFORCED MASONRY BY ACI 530-05 AND E. WIND ANALYSIS AND DESIGN PER ASCE1-05.</p>	<p>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 CONDITIONOR MATERIALS BE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED PRIOR TO PROCEEDINGS 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.</p>
REINFORCING STEEL NOTES	DESIGN LOADS	STRUCTURAL STEEL	
<p>1) REINFORCING STEEL F_y = 60,000 P.S.I. F_c = 24,000 P.S.I. E_s = 29,000,000 P.S.I. E_m = 1,350,000 P.S.I. N = E_m/E_s = 2.149</p> <p>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.</p>	<p>WIND DESIGN PER ASCE 7-05 MEAN ROOF HEIGHT _____ 3.20'-2" WIND DESIGN SPEED _____ 146 MPH EXPOSURE CATEGORY _____ C</p> <p>BRIDGE DESIGN LOADS: DEAD LOAD _____ 15 PSF LIVE LOAD _____ 30 PSF</p> <p>UPLIFT PRESSURES ZONES 1 AND 2 & 3 ZONE 1 _____ 5329 PSF ZONE 2 _____ 15.0 PSF ZONE 3 _____ 15.0 PSF</p>	<p>1. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING GRADES: A. ALL W/ ANGLE BASE PLATES, CORR. PLATES (LONG)---ASTM A36 (F_y=36 KSI) B. STRUCTURAL TUBE-----ASTM A500, GRADE B (F_y=46 KSI) C. STEEL PIPE-----ASTM A53, GRADE B (F_y=35 KSI)</p> <p>2. GROUT FOR COLUMN BASE PLATES SHALL BE NON-METALLIC NON-SHRINK GROUT SUCH AS MASTER FLOW 113, AS MANUFACTURED BY MASTER BUILDERS OR APPROVED EQUAL.</p> <p>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.</p>	

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

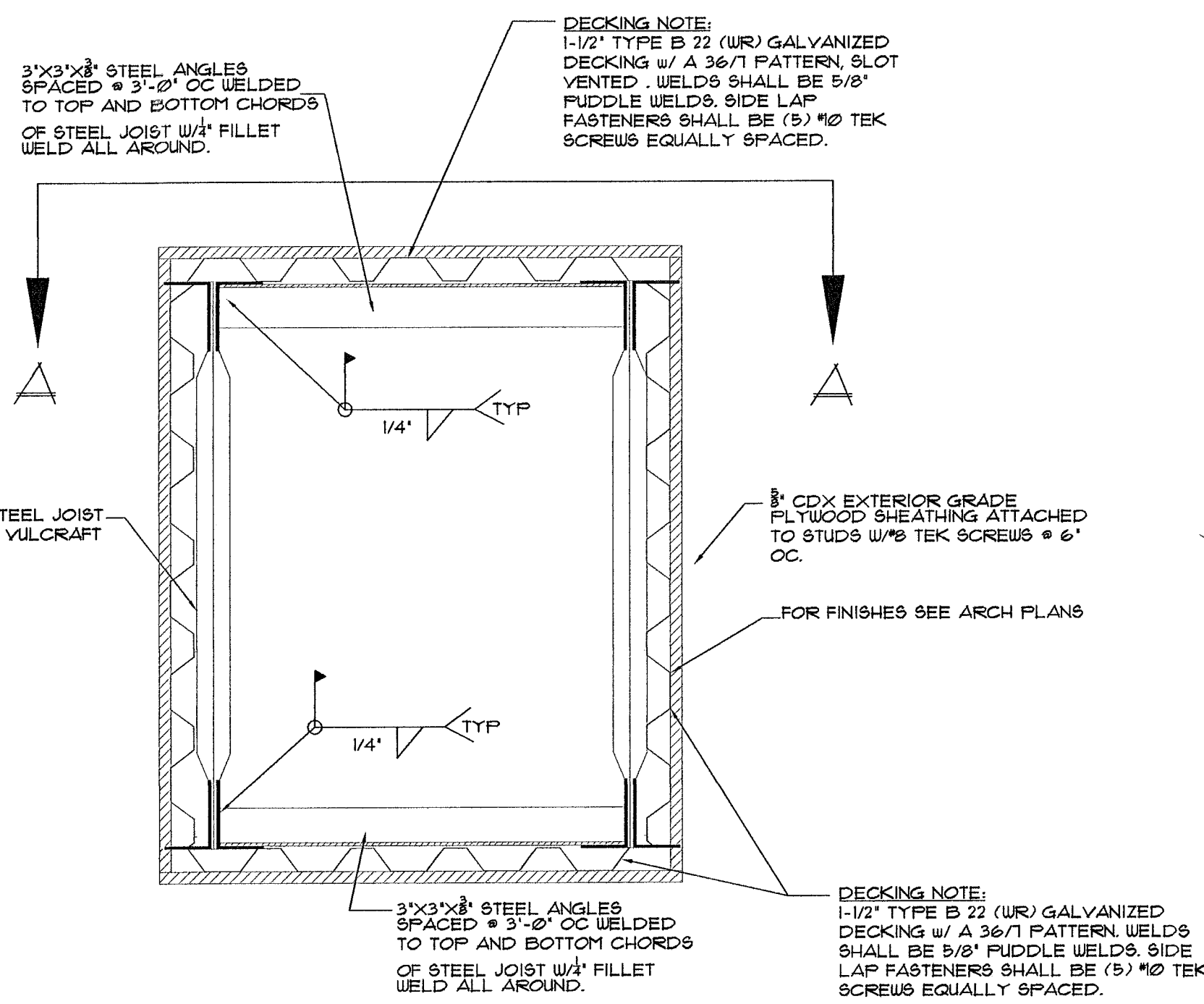
Alex Kondrat & Associates, Inc.
Alex Kondrat - P.E. #58086
13311 SW 103 Ter
Miami, Florida 33186
Ph. (305) 387-5770 Fax. (305) 387-5769

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.S.	DESIGN DEVELOPMENT	
P.H.	PUBLIC HEARING	
S.P.R.	SITE PLAN REVIEW	

SHEET TITLE
FOUNDATION PLAN
S-0
SHEET OF

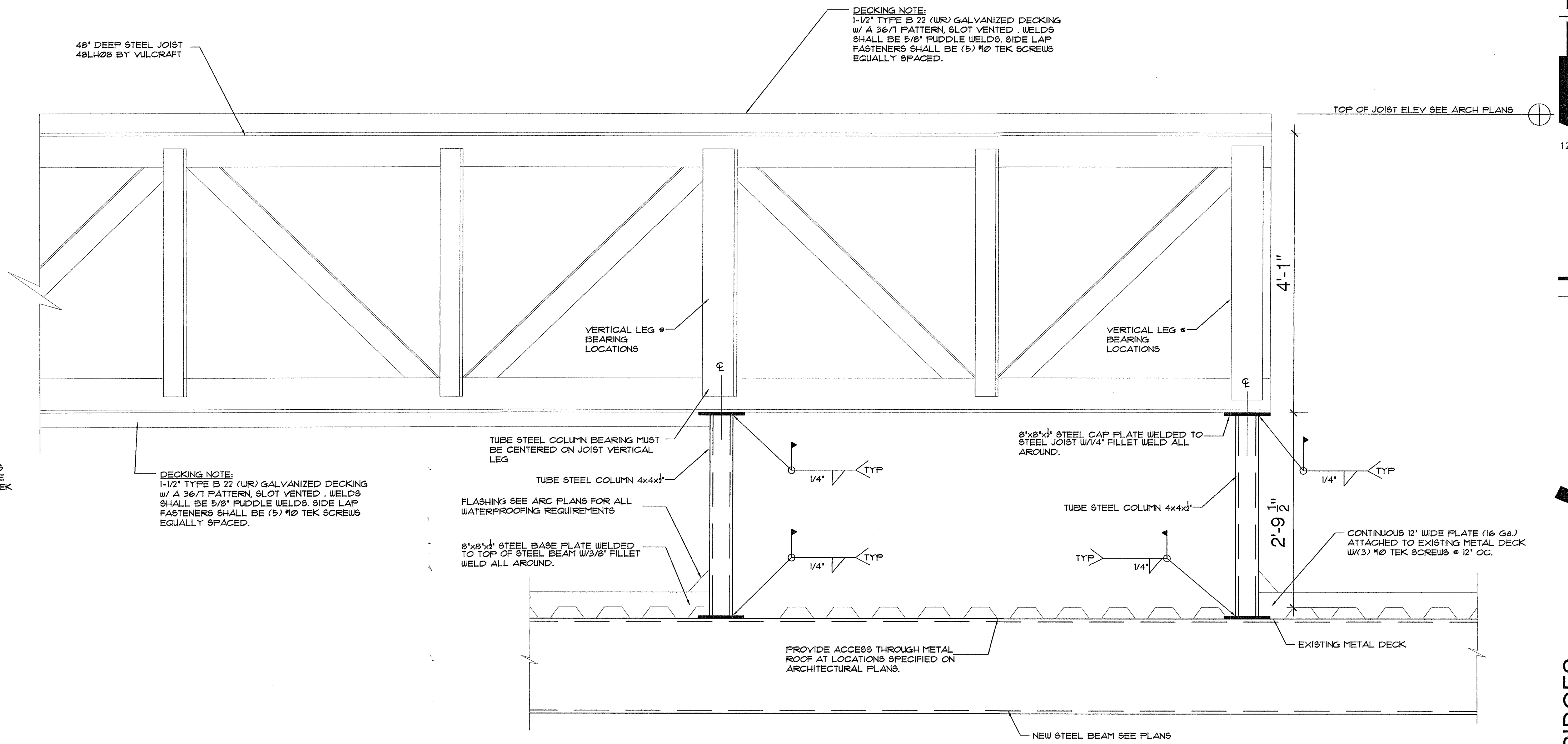
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P.H.	PUBLIC HEARING	
S.P.R.	SITE PLAN REVIEW	

PROJECT No.
DRAWN BY:
CHECKED BY:



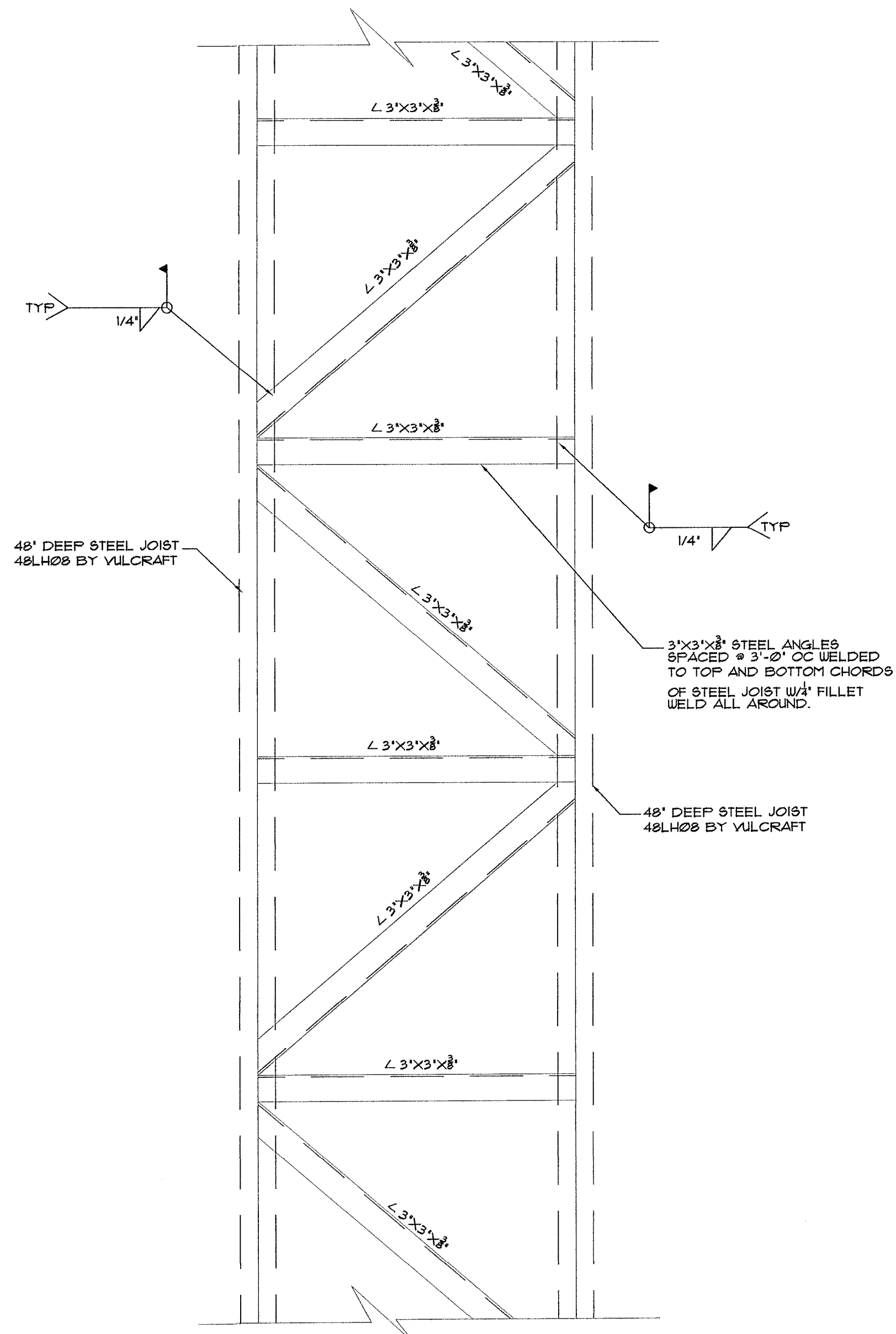
STEEL JOIST SECTION
SCALE: 1"=1'-0"

1
S-2

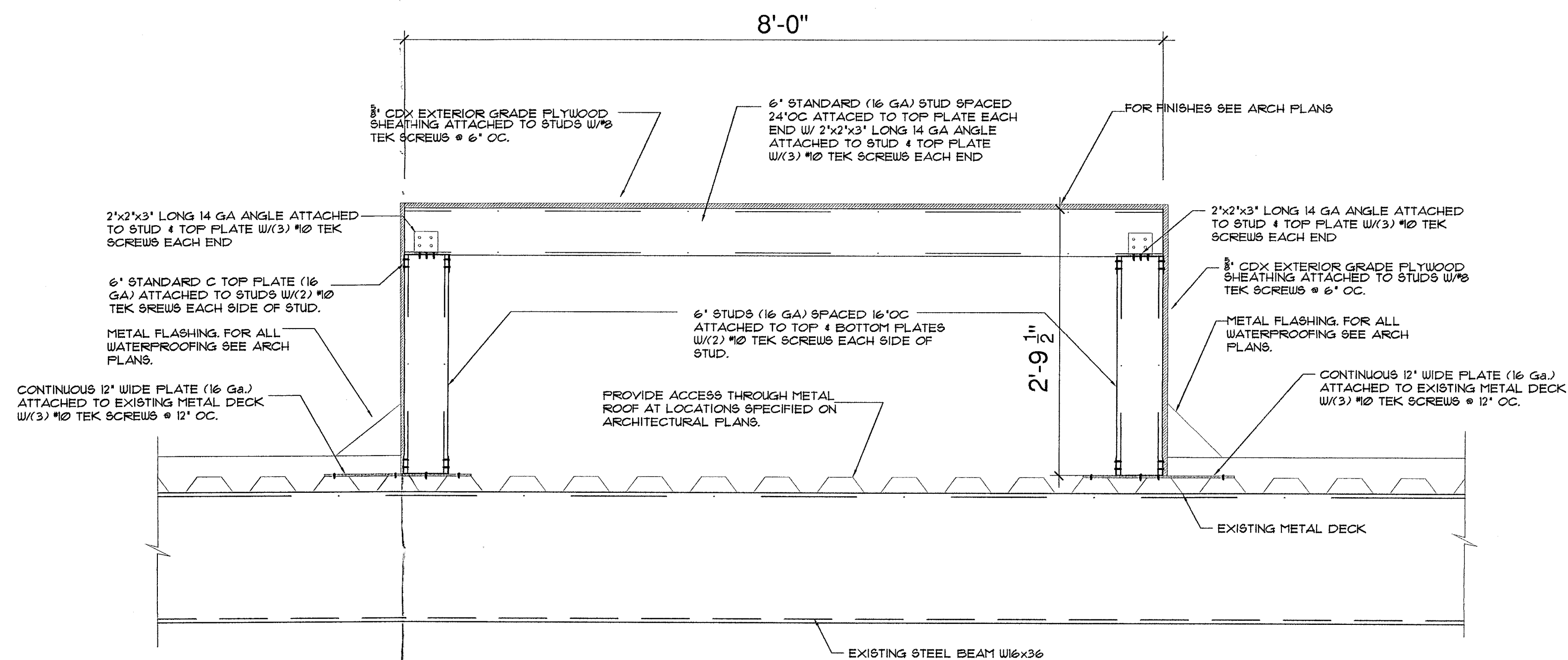


STEEL JOIST SECTION
SCALE: 1"=1'-0"

2
S-2



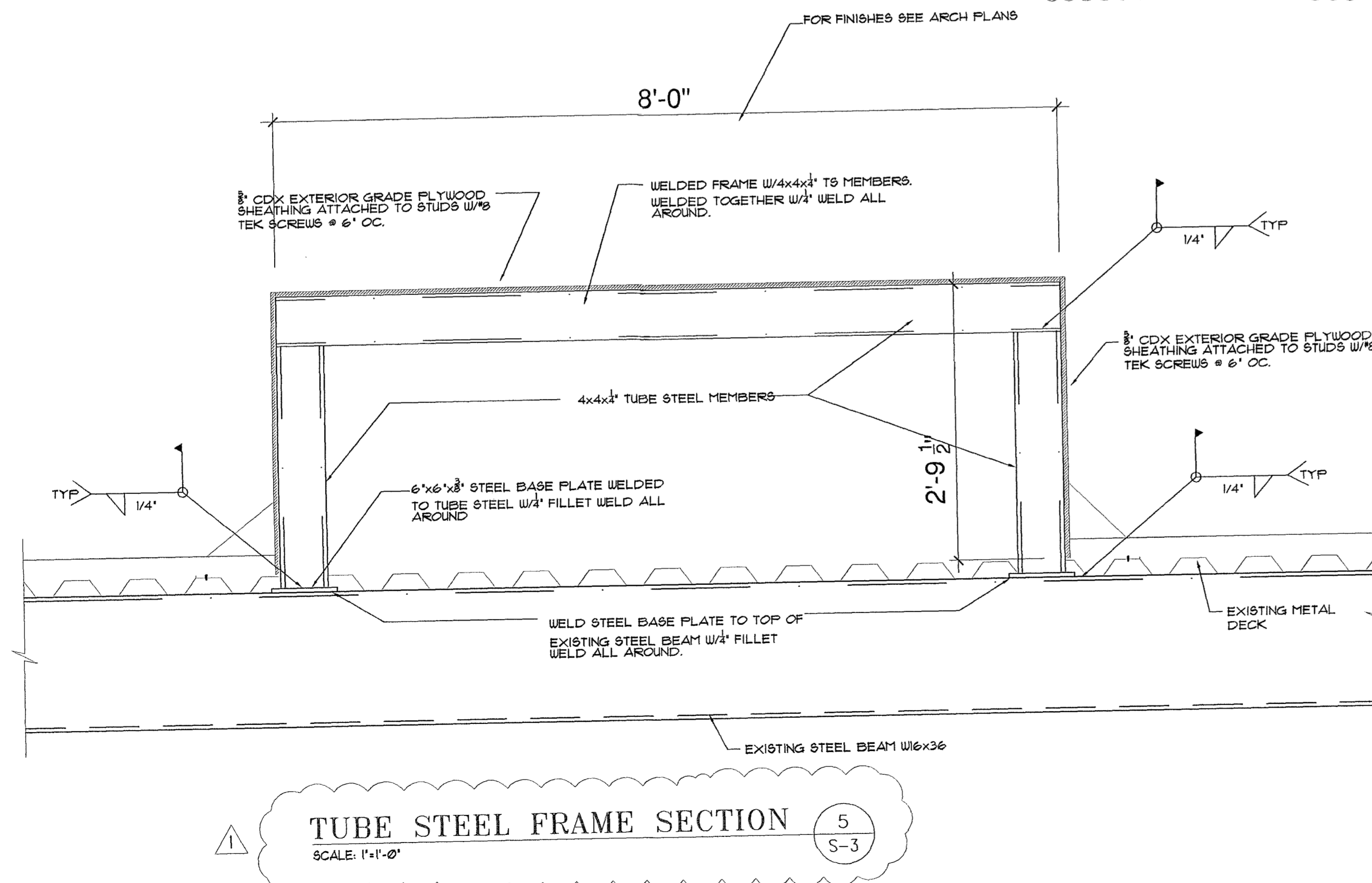
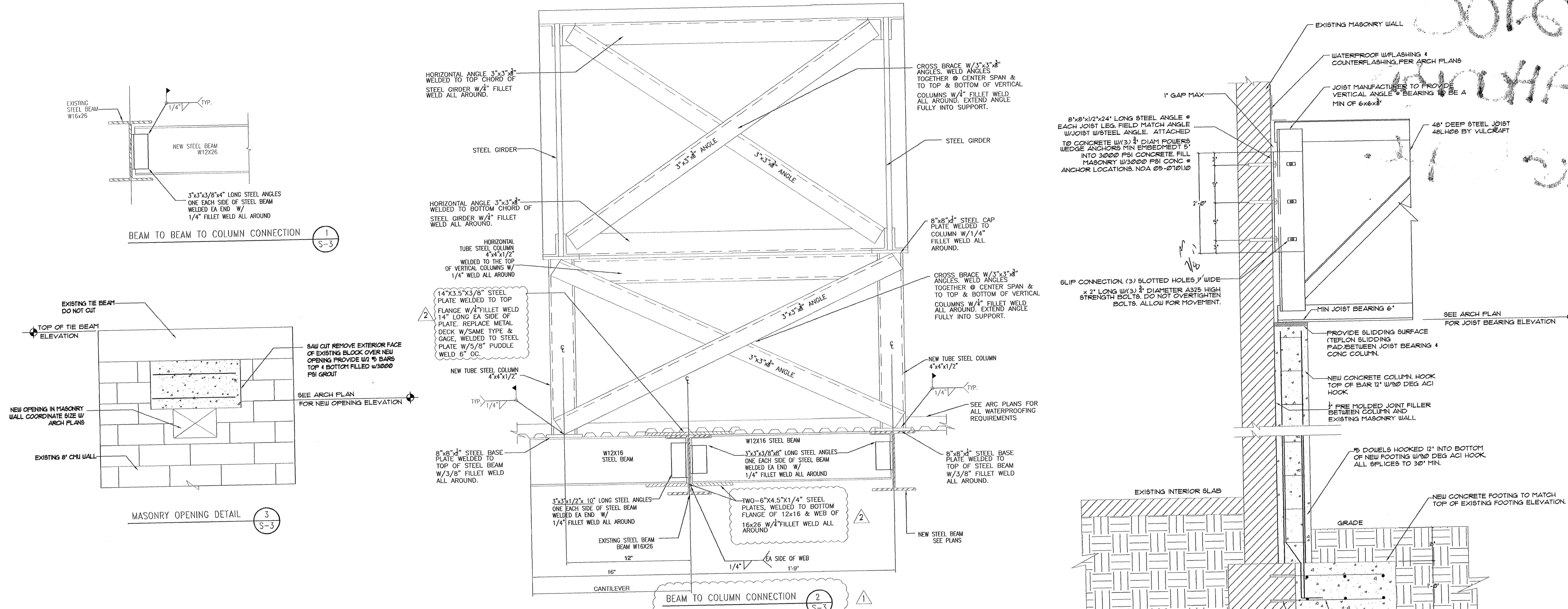
TOP & BOTTOM VIEW SECTION A-A



METAL FRAME SECTION
SCALE: 1"=1'-0"

3
S-2

001-60
001-44
001-00



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

5-30-11 BLDG COMMENTS
6-17-11 BLDG COMMENTS

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	
G.D.	DESIGN DEVELOPMENT	
P.H.	PUBLIC HEARING	
S.P.R.	SITE PLAN REVIEW	

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

Alex Kondrat & Associates, Inc.
Alex Kondrat - P.E. #58006
13311 SW 103 Ter
Miami, Florida 33186
Ph. (305) 387-5770 Fax. (305) 387-5770

SHEET TITLE
SECTIONS
S-3
SHEET OF

B1102100
1901 Atlantic
Office Copy

OFFICE COPY

CITY OF MIAMI BEACH

APPROVED FOR PERMIT BY

THE FOLLOWING:

BUILDING:	<i>[Signature]</i> 6/22/11
ZONING:	6/22/11
DRB/HPB:	
CONCURRENCY:	
PLUMBING:	6/22/11
ELECTRICAL:	6/22/11 NA
MECHANICAL:	6/22/11
FIRE PREVENTION:	6/22/11
ENGINEERING:	6/22/11
PUBLIC WORKS:	6/22/11
STRUCTURAL:	6/22/11
ELEVATOR:	

