

G. E. PREVENT (owner)
 Owner Hammond, Esq. Mailing Address
 Lot 33-34 Block 1-A Subdivision La Gorce
 General Contractor Gunn & Goll- **10141**
 Architect J. H. Bullen
 Front Depth Height
 Type of construction Conc. Blk. Cost \$ 80,000.00
 7,000.
 87,000.00

Permit No. 3276
 No. 5800 Street Bay Road Date Sept. 30, 1929
 Address 5812
 Address FIRE 10/1/26
 Stories Use Res, Gar. Wall, and
 Foundation Piles & Concrete Mooring Piles
 Roof

Plumbing Contractor Address Date
 No. fixtures Rough approved by Date
 Plumbing Contractor Address Date
 No. fixtures set Final approved by Date
 Sewer connection Septic tank 1 Make O'Neal Date 9-20-29

Electrical Contractor Address Date
 No. outlets Heaters Stoves Motors Fans Temporary service
 Rough approved by Date
 Electrical Contractor LaVigne 200 Address Date 8-11-30
 No. fixtures set 100 Final approved by Date
 Date of service

Alterations or repairs #3174: Footings and foundations cost \$7,000.00 Date Aug. 9-1929
 Gunn & Goll, contractors: John Bullen, architect: Wood pile and reinforced concrete;
 Plumbing permit # 4307: 40 fixtures . Sanborn Sept. 16, 1929
 Electrical Permit #Geo. La Vigne 200 outlets- 5 space heaters - 1 stove Sept. 16, 1929

BUILDING PERMIT # 17600-- Waterproofing - general repairs- Gunn & Goll, contractor: \$ 1,000: 9-18-43

Clifford Harrington: BUILDING PERMIT # 24042 Change 2 windows to French doors, change picture window to sash window, cut 1 new sash window on first floor, remove roof and jalousies from enclosed porch to make sun deck: new shutters on all windows, install jalousies on 1st floor porch: Day Labor \$ 1,000: 2/11/1947
 Priority #77-066-01384

BUILDING PERMIT # 24574 Painting - Fritz Painting Co: \$ 1,500... May 22, 1947
45487 All American Sandblasting: Wet Sandblasting: \$940.00 August 12, 1954
#5123 J. McDonald: 1 - 5 ton pkg air conditioner - 1500 - 8/22/57 O.K. Plaag Nov. 15, 1957
#61426 Lang Roofing & Tile Co., Inc: Reroofing - \$2400- March 29, 1960
#66337 Lang Roofing: Reroof - \$3800 - 11/13/61
#88346-Edward G. Earnest-Fire damage(no structural) General repairs-\$7884.75-8-17-73
#11852-Andres Roofing-Repair barrel tile roof where leaking-\$500-8-2-77
#23168 12/10/82 Southern State reroof 400 sq ft \$900.
#MO7155 2/4/85 Royal Mechanical Inc - 10 kw central heating, 5 air cond central
#28399 4/30/86 R M Const - demo discovery work \$1,000.
#28530 5/22/86 Obenour Roof - reroof 85 sqs \$51,000.
#MO8138 5/23/86 Biscayne Air - 72.5 kw central heat, 37 tons air cond central, mechanical ventilation, duct work only 9,800.
#91788 6/4/86 Vizcaya Pools swimming pool 80,000 gal & 78 ft 4 ft hi c/l fence, new gates self closing \$40,000.
#91789 6/3/86 R.M. Const - pool and bathhouse not included in this permit - 2nd story balcony w/new roof + patio \$7,000.
Plumbing 57188-Phil Palm Plumbing- 1 water service-4-23-79
MO4788 - J&T Air Conditioning Company Inc. - 1 2-ton window unit - \$400 - 9/24/80
#62632 5/21/86 owner 1 rgh, 1 set lavatory, 1 set sink res., 1 rgh, 1 set sink bar, 1 rgh, 1 set water closet

~~ELECTRICAL PERMITS*~~

~~#64851 Astor Electric Service: 1 motor, 0-1 hp - 7/14/67~~

#71941-Astor Electric- 1 a/c window-2-24-75

#81064 5/19/86 Metro Elec Serv - repairs, initial permit

#81083 5/23/86 Stefanelli/Devaney 1-200 serv size in amps, 1-7.5 air cond, 5-10 kw strip heater, 3-5 ton, 5-3 ton, 1-2 ton air cond, 4-5 kw strip heat

ELECTRICAL PERMITS: #48364 Ace Electrical Service: 10 motors, 1 motor, 2-5hp Aug. 29, 1956 OK,
Burkett #48364 Ace Electric Service: 10 Motors (0-1 hp), 1 motor(2-5 hp), Aug.29,1956
48736 Grimm Electric Co: one temporary service October 15, 1956 OK, Permiss 10/15/56
#50560 Astor Elec: 2 Appliance Outlets, 1 Center of Distrib, 2 Motors(LHP)-8/2/57
#53471 Astor Elec: 1 Motor (LHP) - April 3, 1959
#62840 Astor Elec. Serv.: 1 motor, 0-1 hp; 1 cent of dist. - 10/21/65
#64851 Astor Electric Service: 1 motor, 0-1 hp - 7/14/67
#66271 - Astor Electric Service - 1 motors, 0-1 H.P. - 10/14/68
#79797 10/17/84 Dan Inc - repairs

BUILDING PERMITS: #92559 - 5-26-88 - Gonzalez Brothers Marine - Typical footer installation
seawall - \$6,500.00
#SB891375 - 6-2-89 - Keel Construction - Remodeling for new bathroom - \$1,000.00

PLUMBING PERMITS: #P8900826 - Orr D Plumbing - Remolding bath - 6-6-89

COASTAL CONTROL ZONE

CUMULATIVE COST OF CONSTRUCTION OF PERMITS ISSUED

DATE	PROCESS	DESCRIPTION	WORK	CUMULATIVE	APPRAISED BLDG.			BUILDING
ISSUED	NO.	OF WORK	COST	WORK COST	VALUE BEFORE REMODEL	%	COMMENTS	PERMIT NO.
5-26-88	196	TYPICAL FOOTER INSTALLATION, SEAWALL	\$6,500.00					92559
6-2-89		Remodeling for NEW BATHROOM	\$1,000.00					58891375

LOT: _____ BLOCK: _____ SUBDIVISION: _____ ADDRESS: _____

ALTERATIONS & ADDITIONS

#28666 6/12/86 R M Const - new bathhouse only \$9,000.

BUILDING PERMITS #91823 7/14/86 Dock & Marine construct timber dock as per plans \$8,000.

PLUMBING PERMITS #62673 6/12/86 Brooks American Sprinkler Co - 80 heads lawn sprinkler system

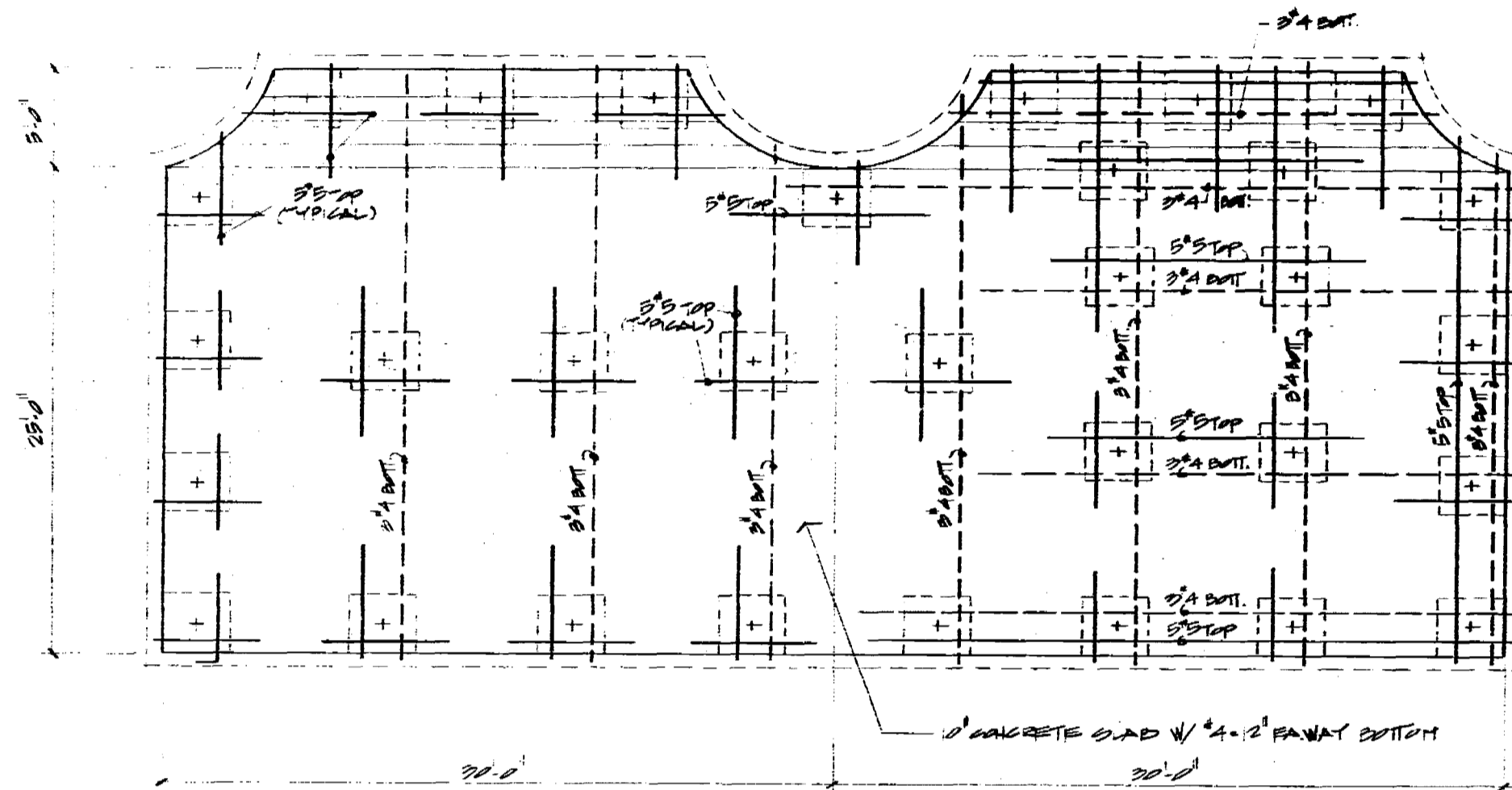
ELECTRICAL PERMITS #81109 6/5/86 Maecom Inc - 30 telephone jacks home runs to blocks & telephones

PERMIT #	COMP_TYPE	SUB_TYPE	APPLIED	APPROVED	EXPIRED	STATUS	DESCRIPTION	STREET_NO	TREET_DIRECTIO	STREET_NAME	PARCEL_NO
BREV160557	BREV	FENCE	04-Dec-15	04-Dec-15		FINAL	RSVN/B1505970/Deleting pedetrain gate from drawing adding backing to gates.	5800 N		BAY RD	32150030270
B0400246	BSBUILD	POOL-R	15-Oct-03			VOID	SWITCH OUT OF (2) WATER HEATERS, INSTAL. (2) WTER HEATER PUMPS, ROOF PATCH (MINIMAL LEAK)	5800 N		BAY RD	32150030270
B1505970	BSBUILD	FENCE-R	17-Aug-15	17-Aug-15	21-Jun-16	FINAL	METAL ENTRANCE GATES	5800 N		BAY RD	32150030270
B0001240	BSBUILD		05-Jan-00	05-Jan-00	13-Oct-02	FINAL	NEW GAZEBO ROOF (TILE)	5800 N		BAY RD	32150030270
B0204010	BSBUILD	ALTRMDL	01-Jul-02	01-Jul-02	21-Jun-03	FINAL	Tile setting int/Int & Ext painting	5800 N		BAY RD	32150030270
B0802336	BSBUILD	POOL-R	14-Mar-08	14-Apr-08	20-Jan-09	FINAL	SPA & KOI POND	5800 N		BAY RD	32150030270
B0606547	BSBUILD	ROOFING	18-Sep-06	26-Sep-06	07-Jul-09	FINAL	ROOF TILE TO TILE 10,000 SFT	5800 N		BAY RD	32150030270
B0202551	BSBUILD	ALTRMDL	03-Apr-02	10-Apr-02	09-Oct-02	FINAL	RE-ISSUE P#58891375 PAINT WALLS AND CEILING IN BATHROOM ONLY	5800 N		BAY RD	32150030270
B0204191	BSBUILD	FENCE	15-Jul-02	06-Aug-02	21-Jun-03	FINAL	Addition/Alt to exst cbs fence	5800 N		BAY RD	32150030270
B0801516	BSBUILD	MRNE-R	18-Jan-08	24-Jan-08	18-Oct-08	FINAL	200 SF LONG SEAWALL REPAIR, BATTER PILE, TOE WALL, NEW CAP	5800 N		BAY RD	32150030270
B0803178	BSBUILD	PAVING	08-May-08	09-May-08	30-Dec-08	FINAL	NEW DRIVEWAY WITH PAVERS	5800 N		BAY RD	32150030270
B0701360	BSBUILD	DRWNW-R	08-Dec-06	11-Jan-07	07-Jul-09	FINAL	B0600445/ INSTALL 68 NEW IMPACT WINDOWS AND 23 IMPACT DOORS	5800 N		BAY RD	32150030270
B0400247	BSBUILD	RPR-R	15-Oct-03			VOID	SWITCH-OUT 1 SPA HEAT PUMP & INSTALL 2 HEAT PUMP FOR POOL	5800 N		BAY RD	32150030270
B0803832	BSBUILD	SHUTER-R	18-Jun-08	18-Jun-08	02-Jun-09	FINAL	(3) SHUTTER STORM PANELS	5800 N		BAY RD	32150030270
B0000773	BSBUILD		30-Nov-99	02-Dec-99	30-May-00	FINAL	INSTALL 2 BOAT LIFTS/PER PLANS.	5800 N		BAY RD	32150030270
B0203234	BSBUILD	MRNE	15-May-02	11-Jun-02	18-Dec-02	FINAL	Install 1 boat lift.	5800 N		BAY RD	32150030270
B0801373	BSBUILD	FENCE-R	09-Jan-08	14-Jan-08	19-Aug-08	CLOSED	NEW 7' GARDEN WALL 100 LFT.	5800 N		BAY RD	32150030270
B0802094	BSBUILD	LNDSCP	28-Feb-08	04-Mar-08	07-Jul-09	FINAL	LANDSCAPING/ (67) hedges, (326) trees .	5800 N		BAY RD	32150030270
B0204803	BSBUILD	ROOFING	23-Aug-02	27-Aug-02	03-May-03	FINAL	RERF/TILE TO TILE/MORTAR/ADHESIVE SET/9800SF	5800 N		BAY RD	32150030270
B1505266	BSBUILD	FENCE	09-Jul-15	06-Aug-15	16-Feb-16	FINAL	Seawall fence.	5800 N		BAY RD	32150030270
B0706202	BSBUILD	ALTRMD	14-Aug-07			VOID	RENOVATION TO EXISTING CABANA AT SINGLE FAMILY RESIDENCE (NEW WALLA, ELECTRICAL, MECHANICAL, PLUMBING CHANGES, NEW APPLIANCES, BATH FIXTURES.	5800 N		BAY RD	32150030270
B0202552	BSBUILD	ALTRMDL	03-Apr-02	10-Apr-02	19-Oct-02	FINAL	RE-ISSUE P# B9904204-INT CLEAN-UP,BTHRM MARBLNG & INT PAINT	5800 N		BAY RD	32150030270
B0801356	BSBUILD	MRNE	08-Jan-08	14-Jan-08	29-Jul-09	FINAL	NEW DOCK & BOAT LIFT.	5800 N		BAY RD	32150030270
B0901380	BSBUILD	ROOFING	14-Jan-09	15-Jan-09	20-Jul-09	FINAL	REROOF BARREL TO BARREL.	5800 N		BAY RD	32150030270
B0900838	BSBUILD	FENCE-R	25-Nov-08	25-Nov-08	07-Jul-09	FINAL	TO RENEW B0801373- NEW 7' GARDEN WALL 100 LFT.	5800 N		BAY RD	32150030270
B0000206	BUILD		19-Oct-99	22-Oct-99	13-Oct-02	VOID	NEW GAZEBO	5800 N		BAY RD	32150030270
B0600445	BUILD	ALTRMD-R	01-Nov-05	07-Feb-06	07-Jul-09	FINAL	Level 2 Rnvtn. (partition relocation, nw ele, plum, mech); minor ext rntn rplc windows 63 opngs, doors 16. 2nd floor addition.	5800 N		BAY RD	32150030270
B0801653	BUILD	ALTRMD-R	30-Jan-08	03-Mar-08	20-Jan-09	FINAL	REMODELING EXISTING POOL,ADD SWIMOUT,RECONFIGURE STEPS,REPLACE EXISTING POOL EQUIPMENT/HEATERS AS SWOWN.	5800 N		BAY RD	32150030270
B9904204	BUILD		05-Aug-99	05-Aug-99	20-Oct-02	VOID	INT CLEAN-UP,BTHRM MARBLNG & INT PAINT	5800 N		BAY RD	32150030270
B0801495	BUILD	ALTRMD-R	17-Jan-08	11-Feb-08	20-Jul-09	FINAL	RENOVATION OF EXISTING POOL CABANA: RECONFIGURATION OF INTERIOR SPACES, INTERIOR DOORS, AND MEP SYSTEMS.	5800 N		BAY RD	32150030270

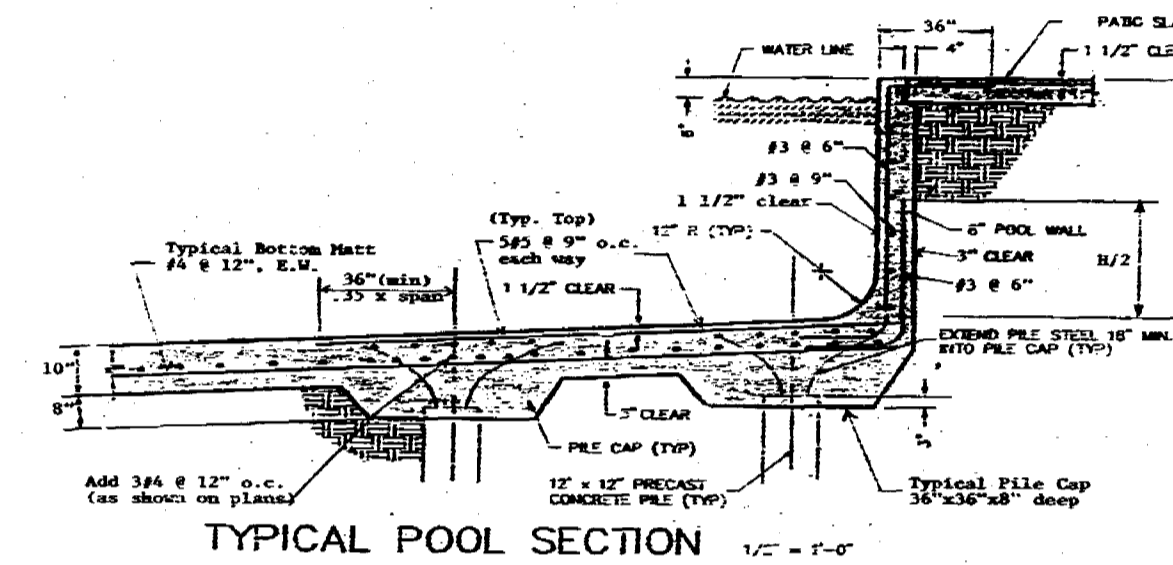
Permit Number	Main Address	Permit Type	Permit Status	Work Class	Project Name	Apply Date	Issue Date	Expire Date	Finalize Date	Inspection Date	Square Feet	Valuation	Street Number	Street Name
BR22025538	5800 N BAY RD	Building - Records Requests	Finald	Records Requests		12/28/2020			12/28/2020		0.00	0.00	5800	N BAY RD
BD150273	5800 N BAY RD	ZZConverted	Void	Converted Permits		7/9/2015	7/14/2015	7/22/2016			0.00	2,000.00	5800	BAY RD
PR11600138	5800 N BAY RD	ZZConverted	Closed	Converted Permits		12/4/2015	12/4/2015	6/21/2016	12/29/2020		0.00	0.00	5800	BAY RD
BL082483	5800 N BAY RD	Elevator Operational License	Issued	Elevator		10/2/2007	7/21/2017	9/30/2100			0.00	0.00	5800	BAY RD
											0.00	2,000.00		

91788

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POOL SLAB REINFORCEMENT PLAN



POOL (80,000 Gallons)		EQUIPMENT				
Type	Rate	TURNOVER (gallons)			PUMP # 1 H.P. Line Volts	HEATER Type BTU/Hr.
		6 Hrs.	8 Hrs.	10 Hrs.		
Cartridge	167 g/m 3"	50,000	80,000	100,000	5 3" 220	Heatpump 380,000
JACUZZI	(1,300 Gallons)					
Sand-Rate	50 g/m 2"	18,000	25,000	30,000	2 2" 230	

GENERAL NOTES

1. ALL POOL GANTRY OR CONCRETE SHALL ATTAIN 4000 PSI COMPRESSIVE STRENGTH WITHIN 28 DAYS.
2. REINFORCING SHALL BE NEW DRILLED STEEL CONFORMING TO ASTM A615, GRADE 60.
3. ALL PIPING SHALL BE PVC SCHEDULE 40 APPROVED FOR USE IN POTABLE WATER.
4. INSTALLATION OF LIGHTS, JUNCTION BOXES, SWITCHES, ETC. SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF SECTION 800 OF THE NATIONAL ELECTRIC CODE.
5. THE OWNER SHALL PROVIDE A DISCONNECT SWITCH AT THE POOL EQUIPMENT LOCATION IF IT IS NOT WITHIN 50 FEET OF THE FIXED SWITCH SERVICE POINT.
6. THE POOL PUMP MOTOR, LIGHTS, HANDRAILS AND LADDERS OR GRAB BARS SHALL BE MONORED TO THE POOL STEEL WITH A # 8 SOLID COPPER WIRE IN A 2 1/4" NON-CORROSIVE CONDUIT.
7. THE OWNER SHALL PROVIDE A SCREEN ENCLOSURE, FENCE OR WALL IN ACCORDANCE WITH REQUIREMENTS OF THE APPROVED PERMIT.
8. ON SITE INSPECTION INDICATES SAND AND ROCK WITH A BEARING CAPACITY OF 2.5 KSI. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF OTHER CONDITIONS ARE ENCOUNTERED.
9. ALL PAID CONCRETE SHALL ATTAIN 3000 PSI COMPRESSIVE STRENGTH WITHIN 28 DAYS.
10. POOL WASTE DISPOSAL SHALL BE IN ACCORDANCE WITH 89FC SECTION 2804.2.

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

CLEMENT DI FILIPPO, A.I.A., P.E. ARCHITECT - PROFESSIONAL ENGINEER 1301 DADE BLVD., MIAMI BEACH, FLA. 33139	Residence of DON AND LILLIAN ARONOW 5800 North Bay Road Miami Beach, Florida	S-8	
	1. _____ 2. _____ 3. _____ 4. _____	1. _____ 2. _____ 3. _____ 4. _____	1. _____ 2. _____ 3. _____ 4. _____

91788

CHARLES W. CARR
LAND SURVEYOR
9245 S W 44th STREET
MIAMI, FLORIDA. TELEPHONE:
221-3416

SURVEY NUMBER: 86-2-44

SURVEY OF:
Lots 33 and 34, Block 1-A, "LAGORCE-GOLF SUBDIVISION",
according to the plat thereof as recorded in plat book
14 at page 43 of the Public Records of Dade County,
Florida.

DATE: May 9th, 1986

FOR: Donald and Lillian Aronow

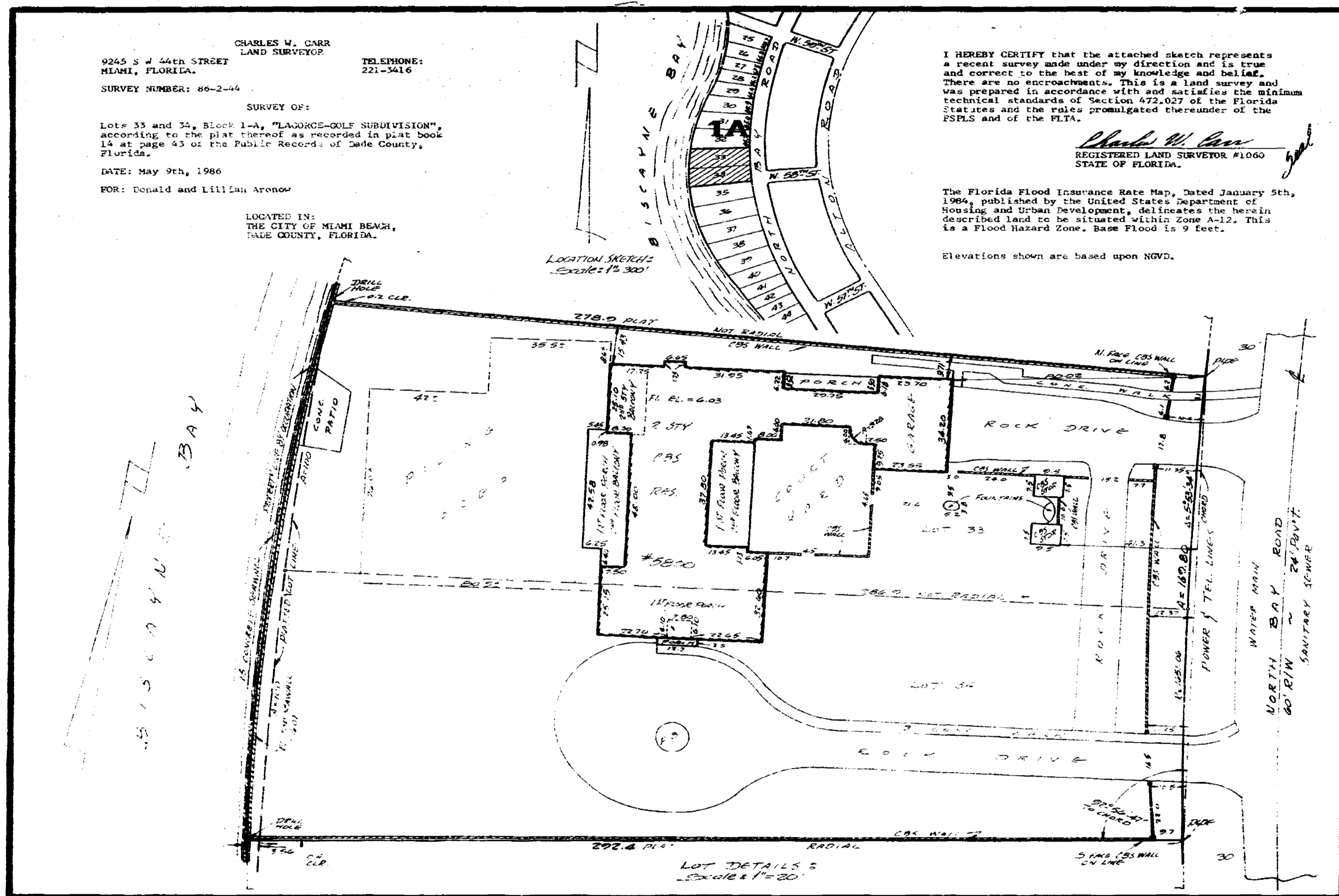
LOCATED IN:
THE CITY OF MIAMI BEACH,
DADE COUNTY, FLORIDA.

I HEREBY CERTIFY that the attached sketch represents
a recent survey made under my direction and is true
and correct to the best of my knowledge and belief.
There are no encroachments. This is a land survey and
was prepared in accordance with and satisfies the minimum
technical standards of Section 472.027 of the Florida
Statutes and the rules promulgated thereunder of the
FSPLS and of the FLTA.

Charles W. Carr
REGISTERED LAND SURVEYOR #1060
STATE OF FLORIDA.

The Florida Flood Insurance Rate Map, Dated January 5th,
1984, published by the United States Department of
Housing and Urban Development, delineates the herein
described land to be situated within Zone A-12. This
is a Flood Hazard Zone. Base Flood is 9 feet.

Elevations shown are based upon NGVD.



91788

DEVELOPMENT SERVICES ENGINEERING PLANS REVIEW

TO: PUBLIC WORKS DEPARTMENT - Engineering Division
LEGAL DESCRIPTION: Lots 33 5 34 Block 14, Lakewood Golf Subd.
LEGAL ADDRESS: 5000 N. Bay Rd.
PLAN DESCRIPTION: Swimming Pool, Fence

THE ABOVE PLAN SUBMITTED TO THIS DEPARTMENT NEEDS THE FOLLOWING CORRECTIONS:

GARBAGE FACILITIES: To use existing facilities

SANITARY SEWER: To use existing facilities

WATER: To use existing facilities

DRAINAGE: Existing pool water table discharge to storm drainage well to be located in private yard

GRADES: As shown

ENCROACHMENTS: None

EASEMENTS: None

PUBLIC WORKS DEPARTMENT PERMITS REQUIRED FOR WORK DONE ON CITY PROPERTY.

COMMENTS: None

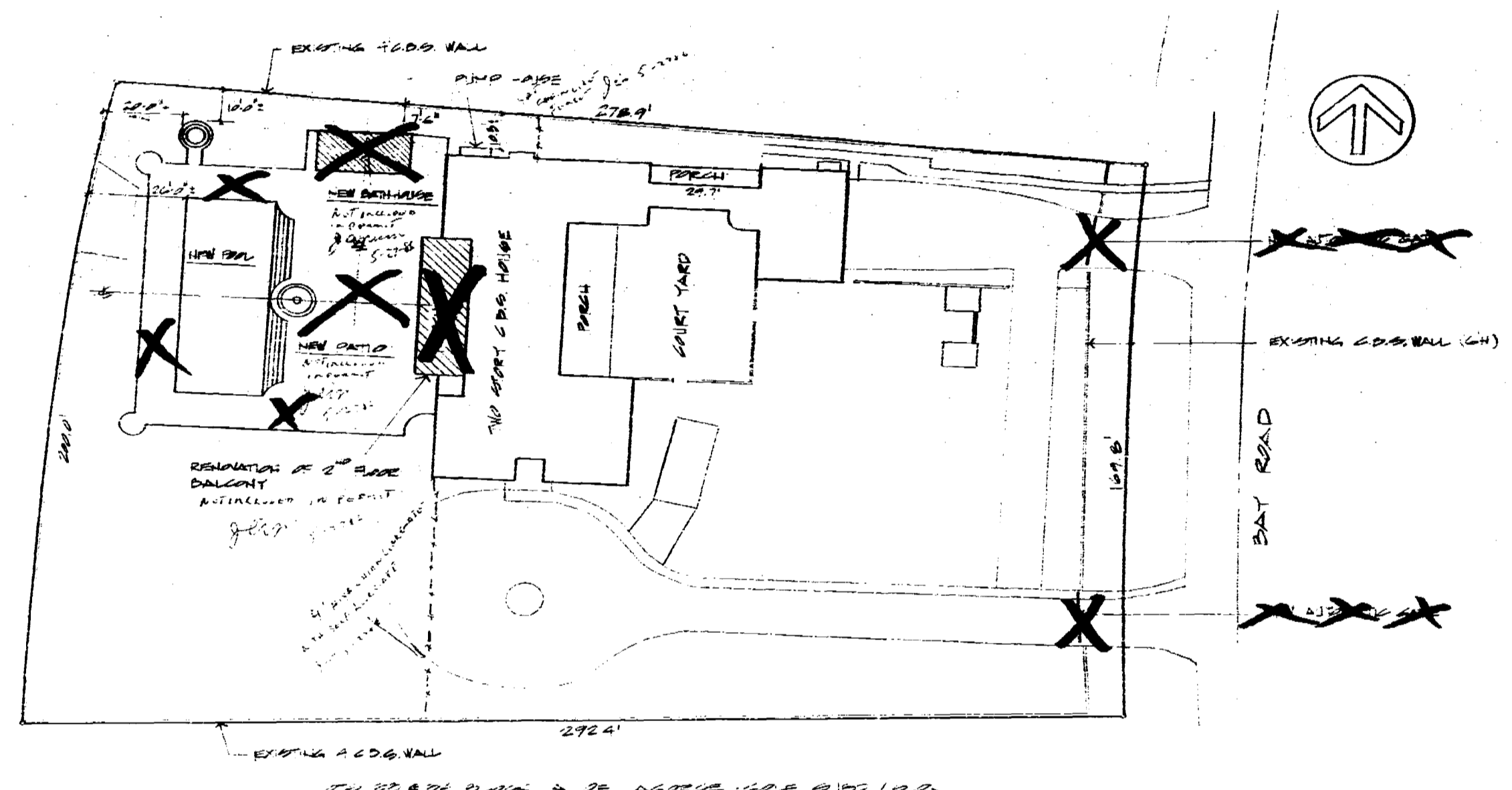
SIGNATURE _____ COMPANY _____ PHONE NO. _____

APPROVED FOR PERMIT SUBJECT TO THE ABOVE CORRECTIONS: DAN SKUBISZ, DIRECTOR

DEVELOPMENT SERVICES

Original/Plan Review yellow/Job Copy pink/Office Copy goldenrod/Public Works

91788



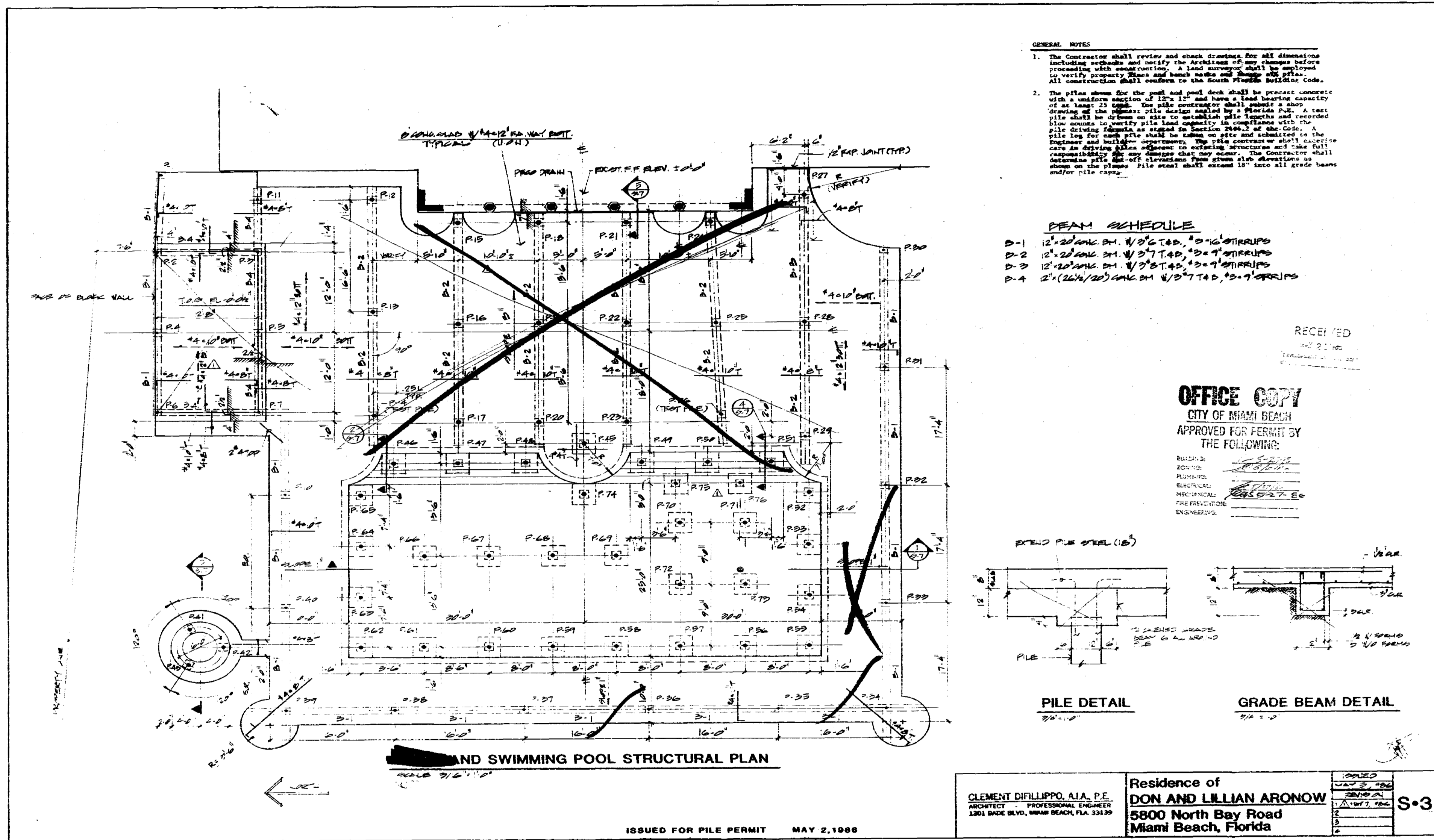
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 CITY OF MIAMI BEACH
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 THE FOLLOWING:

PLANNING	_____
ENGINEERING	_____
ELECTRICAL	_____
MECHANICAL	_____
THE FIRE DEPARTMENT	_____
STREETS	_____

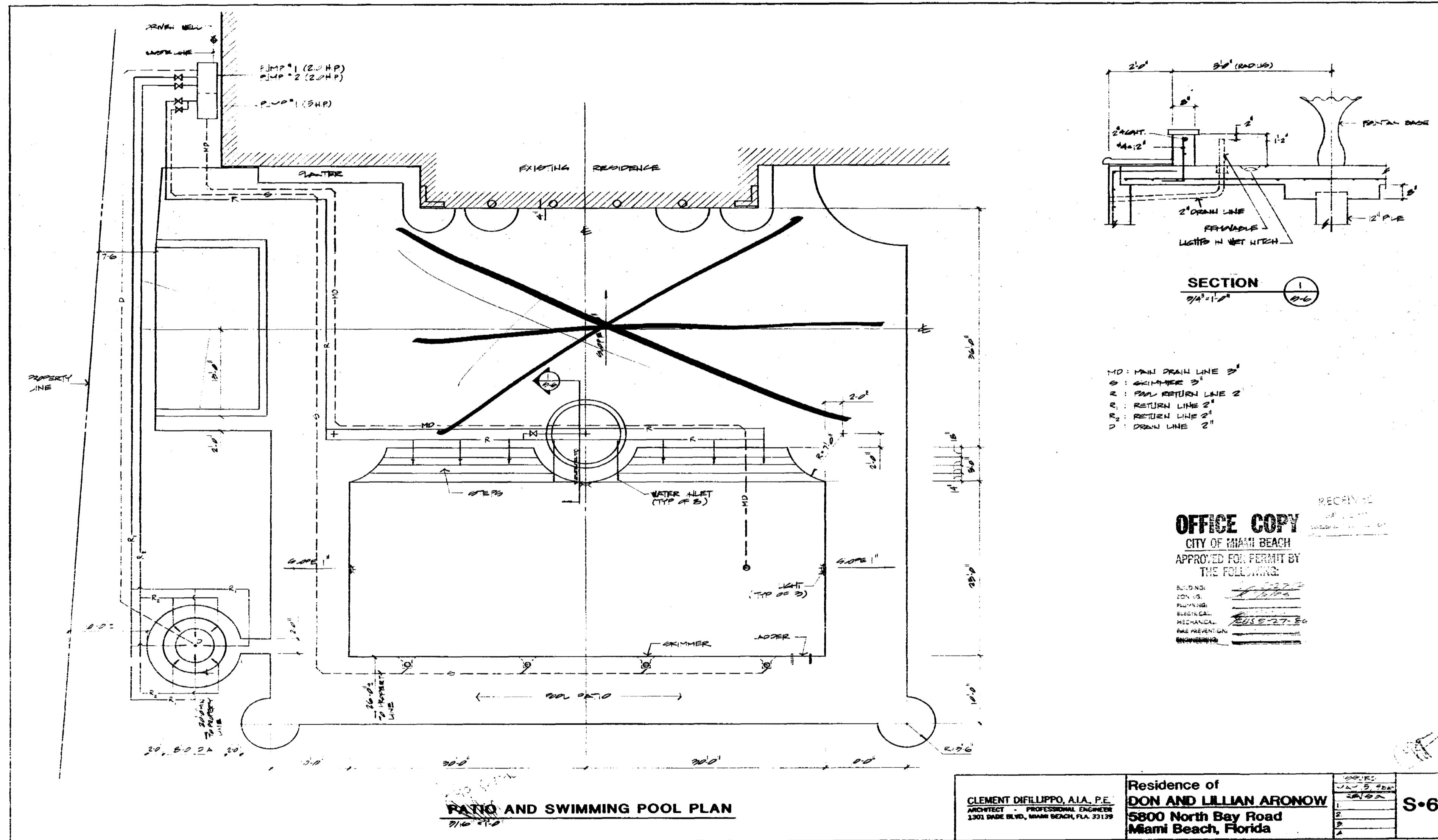
SITE PLAN
 1:20

CLEMENT DI FILIPPO, A.I.A., P.E. ARCHITECT - PROFESSIONAL ENGINEER 1301 DADE BLVD., MIAMI BEACH, FLA. 33130	Residence of DON AND LILLIAN ARONOW 5800 North Bay Road Miami Beach, Florida	SHEET NO. 91788	S-1
	DATE: 5/27/88		SCALE: 1/8" = 1'-0"

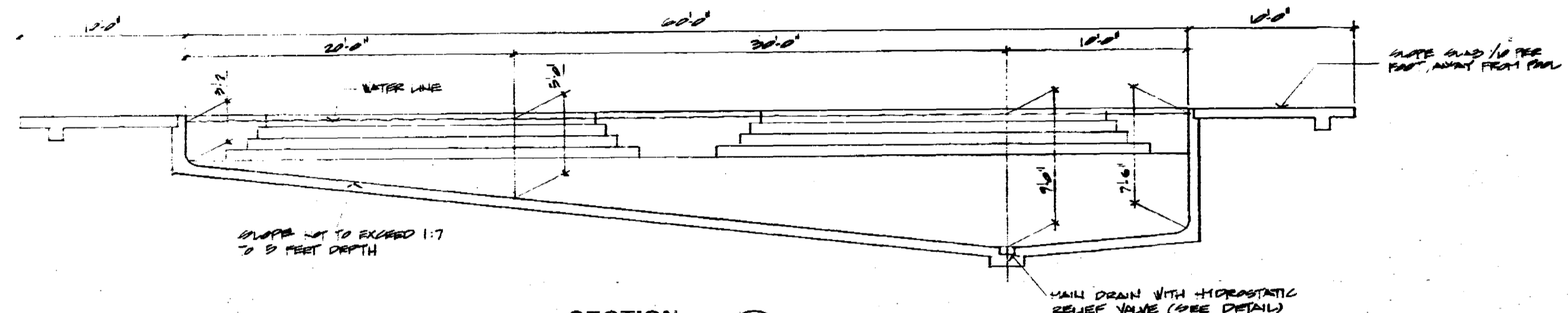
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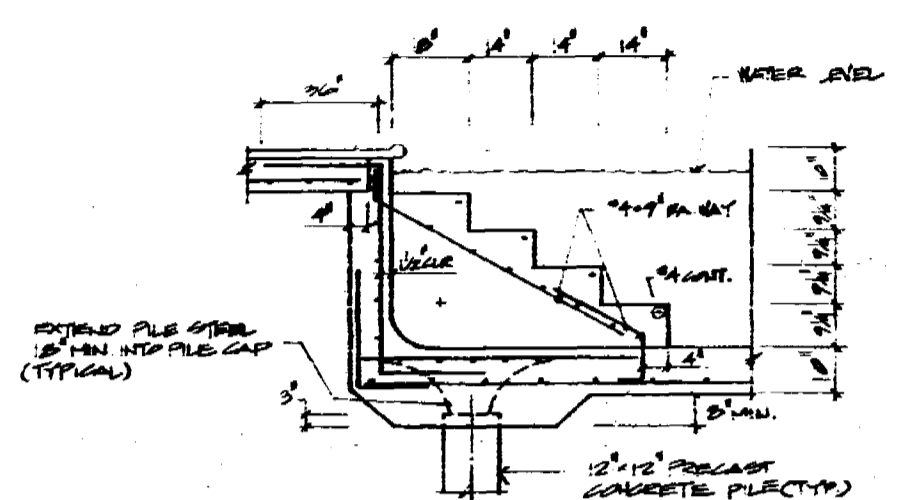
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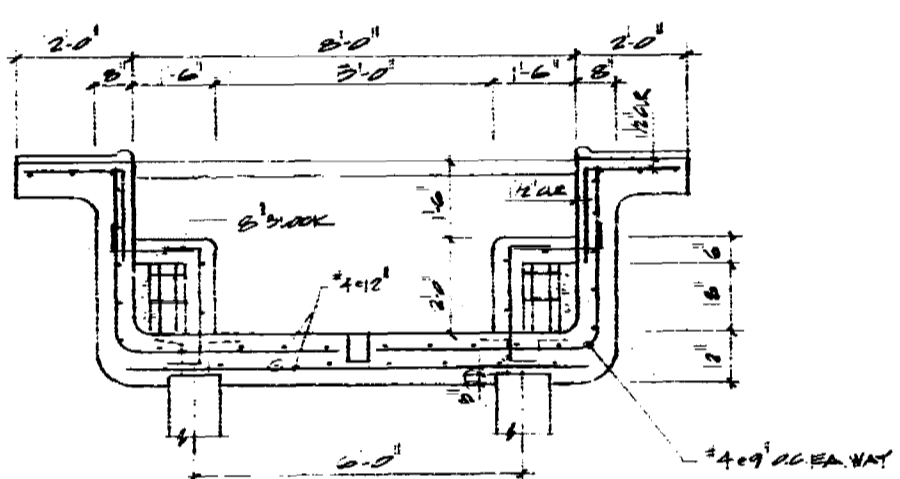
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SECTION 1
1/2" = 1'-0"

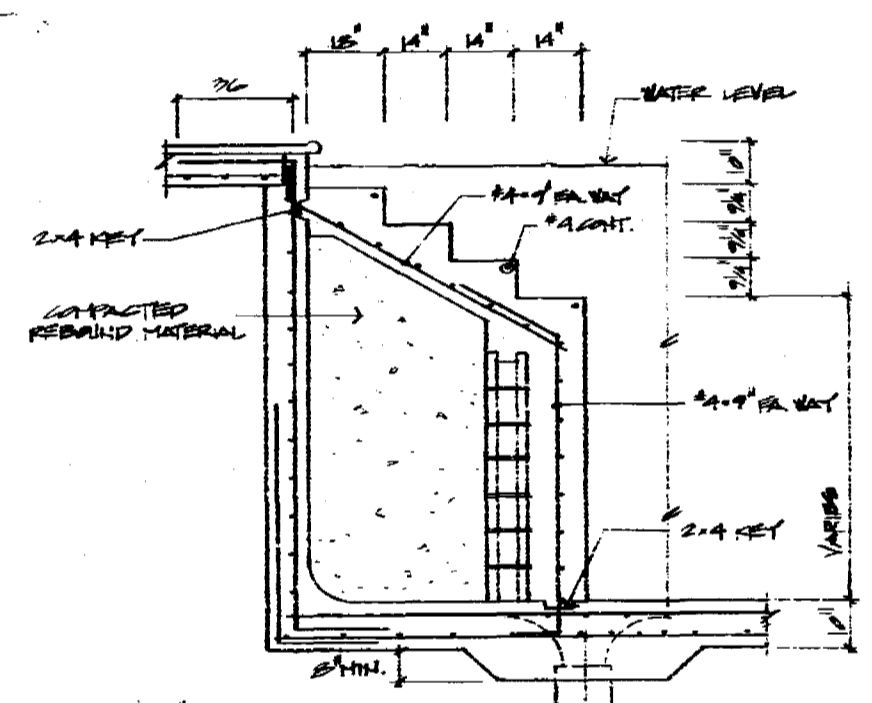


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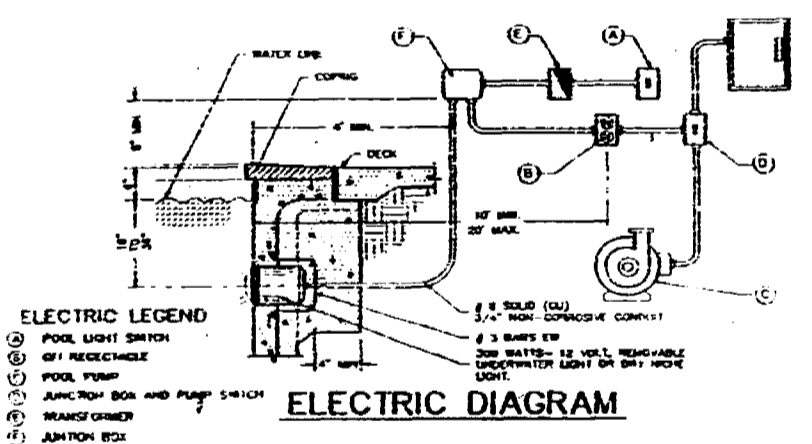


SECTION 3
1/2" = 1'-0"

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BUILDING: [Signature]
ZONING: [Signature]
ELECTRICAL: [Signature]
MECHANICAL: [Signature]
FIRE PREVENTION: [Signature]
ENGINEERING: [Signature]

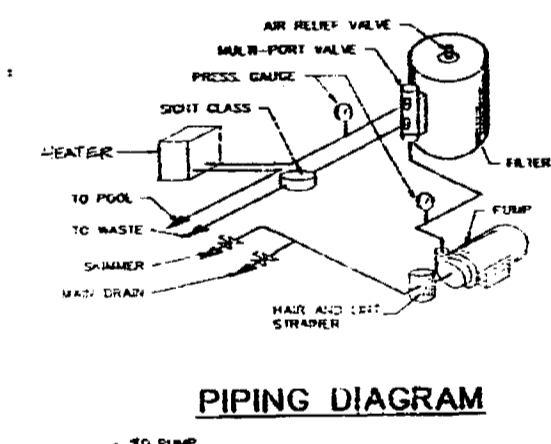


SECTION 4
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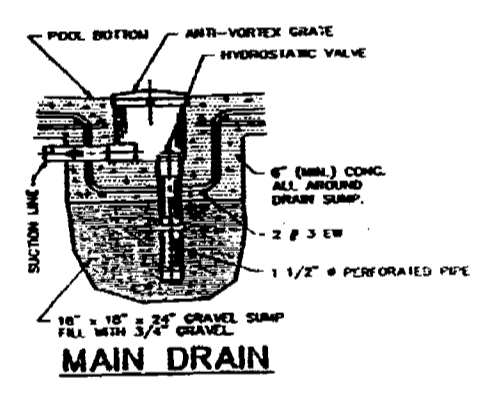


ELECTRIC LEGEND
① POOL LIGHT SWITCH
② REVERSIBLE
③ POOL PUMP
④ JUNCTION BOX AND PUMP SWITCH
⑤ TRANSFORMER
⑥ JUNCTION BOX
⑦ 1/2" RIGID (COPPER)
⑧ 1/2" RIGID (COPPER)
⑨ 1/2" RIGID (COPPER)
⑩ WATER LIGHT ON OFF SWITCH

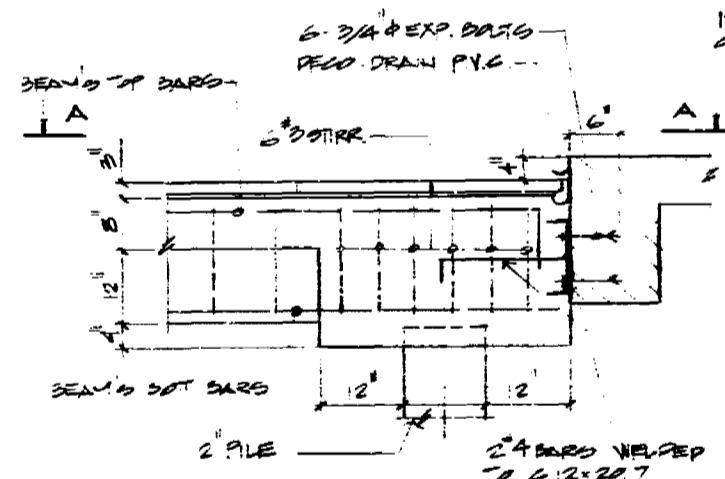
ELECTRIC DIAGRAM



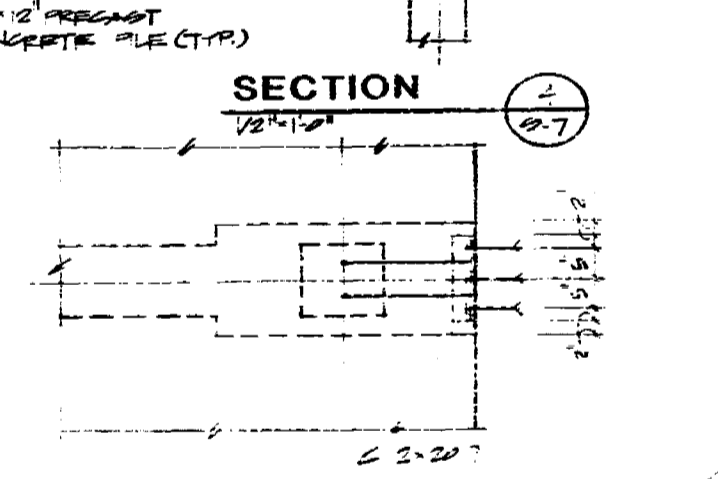
PIPING DIAGRAM



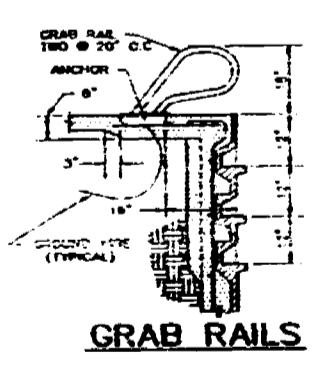
MAIN DRAIN



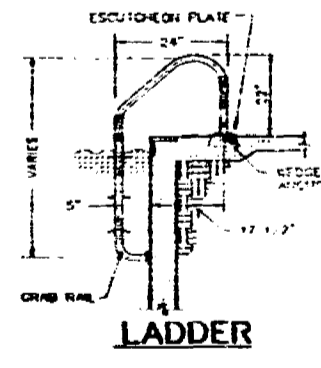
SECTION 5
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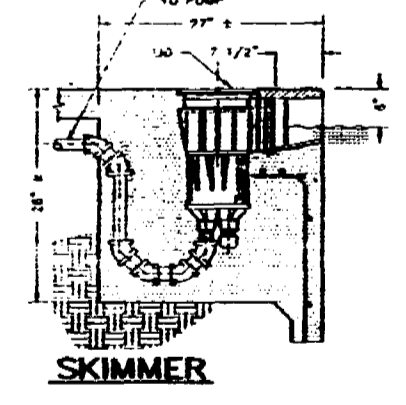
SECTION 6
1/2" = 1'-0"



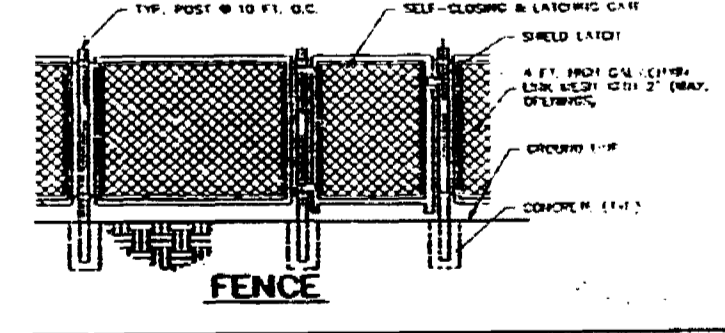
GRAB RAILS



LADDER



SKIMMER



FENCE

CLEMENT DIFILIPPO, AIA, P.E.
ARCHITECT PROFESSIONAL ENGINEER
1301 OAKWOOD BLVD., MIAMI BEACH, FLA. 33139

Residence of
DON AND LILLIAN ARONOW
5800 North Bay Road
Miami Beach, Florida

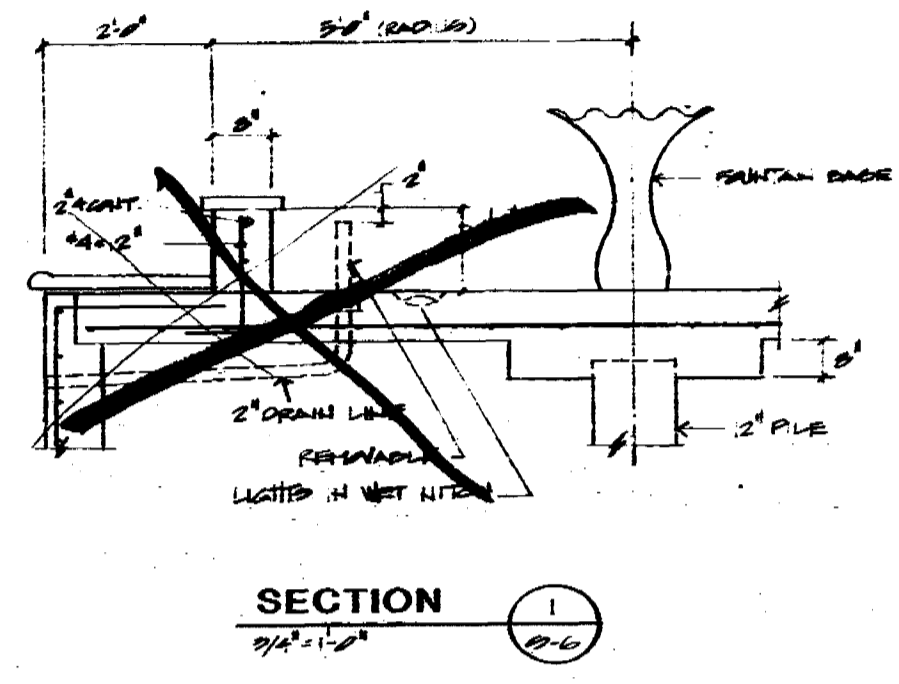
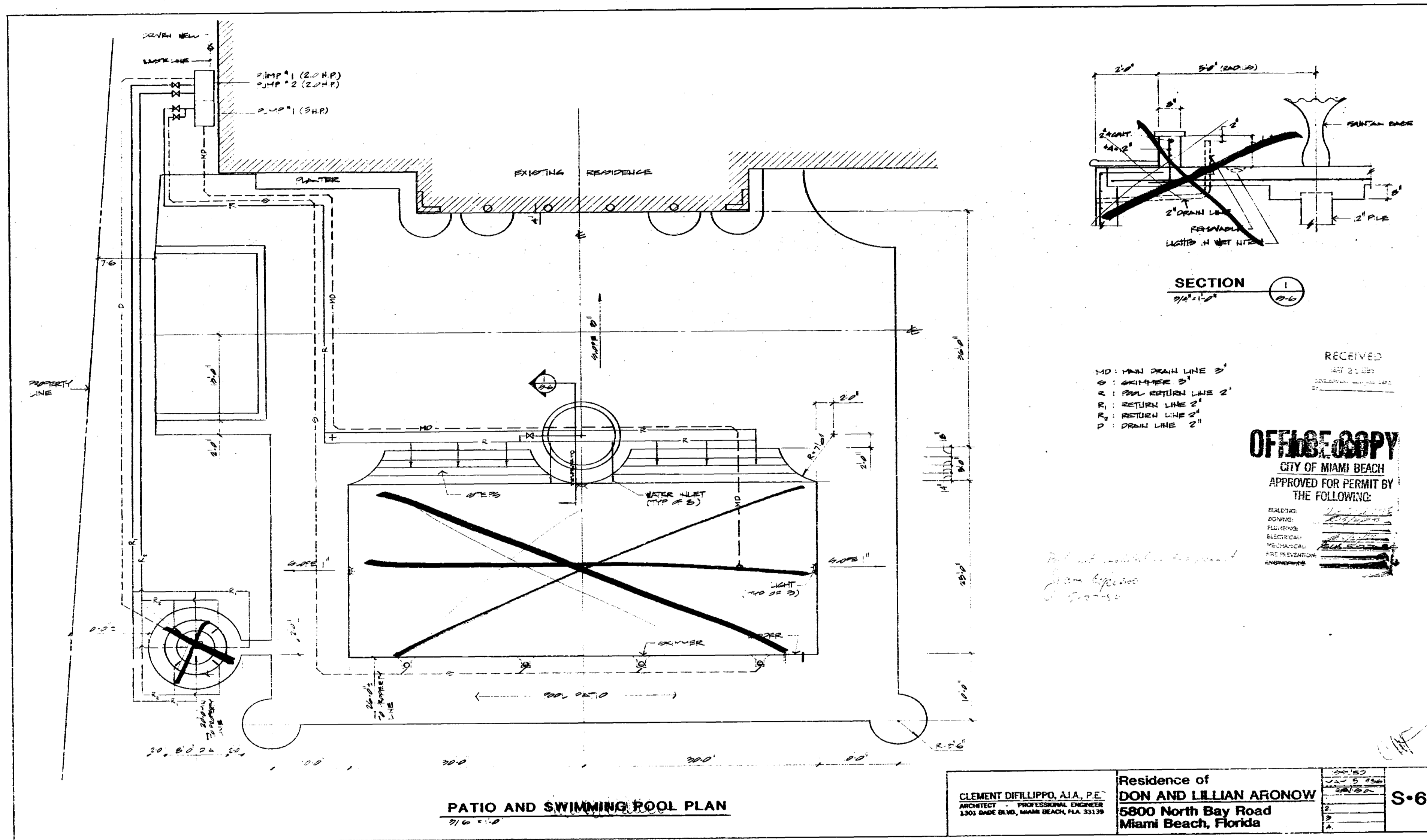
DATE	1/25/77
BY	C.D.
CHECKED	
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DATE	
BY	

S-7

91788

91789

91789



- MD: MAIN DRAIN LINE 3"
- G: GUTTER 3"
- R: POOL RETURN LINE 2"
- R1: RETURN LINE 2"
- R2: RETURN LINE 2"
- D: DRAIN LINE 2"

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 APR 21 1968
 CITY OF MIAMI BEACH
 APPROVED FOR PERMIT BY
 THE FOLLOWING:

OFFICE COPY

PLUMBING
 ZONING
 FIRE PREVENTION
 ELECTRICAL
 MECHANICAL
 ENGINEERING

*Not to scale
 from typewritten
 description*

PATIO AND SWIMMING POOL PLAN
 2/16/68

CLEMENT DIFILIPPO, A.I.A., P.E. ARCHITECT - PROFESSIONAL ENGINEER 1301 BAYVIEW BLVD., MIAMI BEACH, FLA. 33139	Residence of DON AND LILLIAN ARONOW 5800 North Bay Road Miami Beach, Florida		S-6
	1 2 3 4	1 2 3 4	

91789

DEVELOPMENT SERVICES ENGINEERING PLANS REVIEW

TO: PUBLIC WORKS DEPARTMENT - Engineering Division
LEGAL DESCRIPTION: Lots 53 & 54, Block 1A, La Gorce Golf Subdivision
LEGAL ADDRESS: 5800 N. Gay Road
PLAN DESCRIPTION: Remodel 2nd-story balcony w/new roof and patio

THE ABOVE PLAN SUBMITTED TO THIS DEPARTMENT NEEDS THE FOLLOWING CORRECTIONS:

GARBAGE FACILITIES: To use existing facilities
SANITARY SEWER: To use existing facilities
WATER: To use existing facilities
DRAINAGE: Slope verify to be signed up as to how shed water is
GRADES: To use existing grades
ENCROACHMENTS: None
EASEMENTS:

PUBLIC WORKS DEPARTMENT PERMITS REQUIRED FOR WORK DONE ON CITY PROPERTY.

COMMENTS:

SIGNATURE _____ COMPANY _____ PHONE NO. _____
APPROVED FOR PERMIT SUBJECT TO THE ABOVE CORRECTIONS: DAN GRUBISH, DIRECTOR
DEVELOPMENT SERVICES
original/Plan Review yellow/Job Copy pink/Office Copy gold/rod/Public Works

91789

9245 S W 44th STREET
MIAMI, FLORIDA.
SURVEY NUMBER: 86-2-44

CHARLES W. CARR
LAND SURVEYOR
TELEPHONE:
221-3416

SURVEY OF:
Lots 33 and 34, Block 1-A, "LAGORCE-GOLF SUBDIVISION",
according to the plat thereof as recorded in plat book
14 at page 43 of the Public Records of Dade County,
Florida.

DATE: May 9th, 1986
FOR: Donald and Lillian Aronow

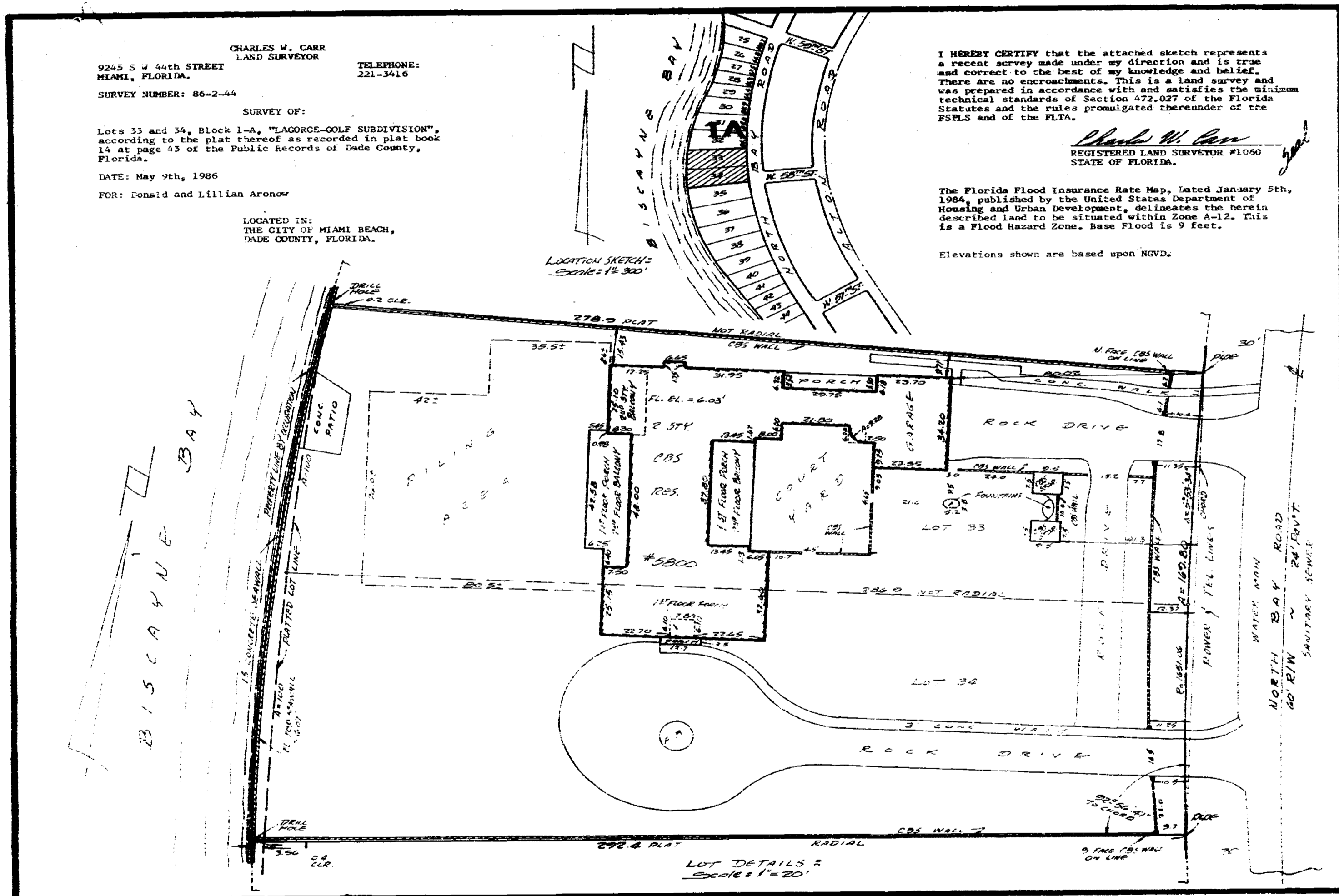
LOCATED IN:
THE CITY OF MIAMI BEACH,
DADE COUNTY, FLORIDA.

I HEREBY CERTIFY that the attached sketch represents
a recent survey made under my direction and is true
and correct to the best of my knowledge and belief.
There are no encroachments. This is a land survey and
was prepared in accordance with and satisfies the minimum
technical standards of Section 472.027 of the Florida
Statutes and the rules promulgated thereunder of the
FSRS and of the FLTA.

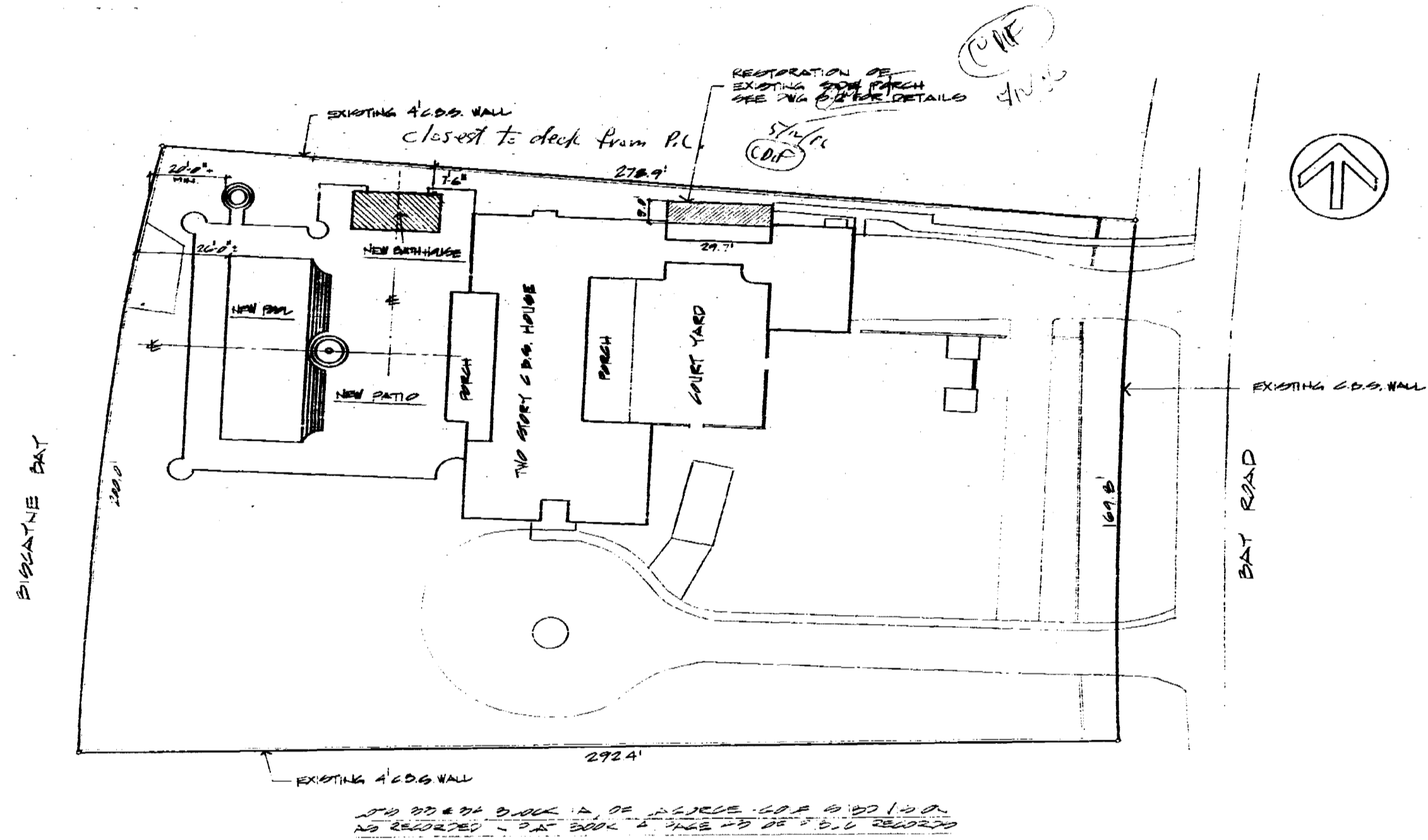
Charles W. Carr
REGISTERED LAND SURVEYOR #1050
STATE OF FLORIDA.

The Florida Flood Insurance Rate Map, dated January 5th,
1984, published by the United States Department of
Housing and Urban Development, delineates the herein
described land to be situated within Zone A-12. This
is a Flood Hazard Zone. Base Flood is 9 feet.

Elevations shown are based upon NGVD.



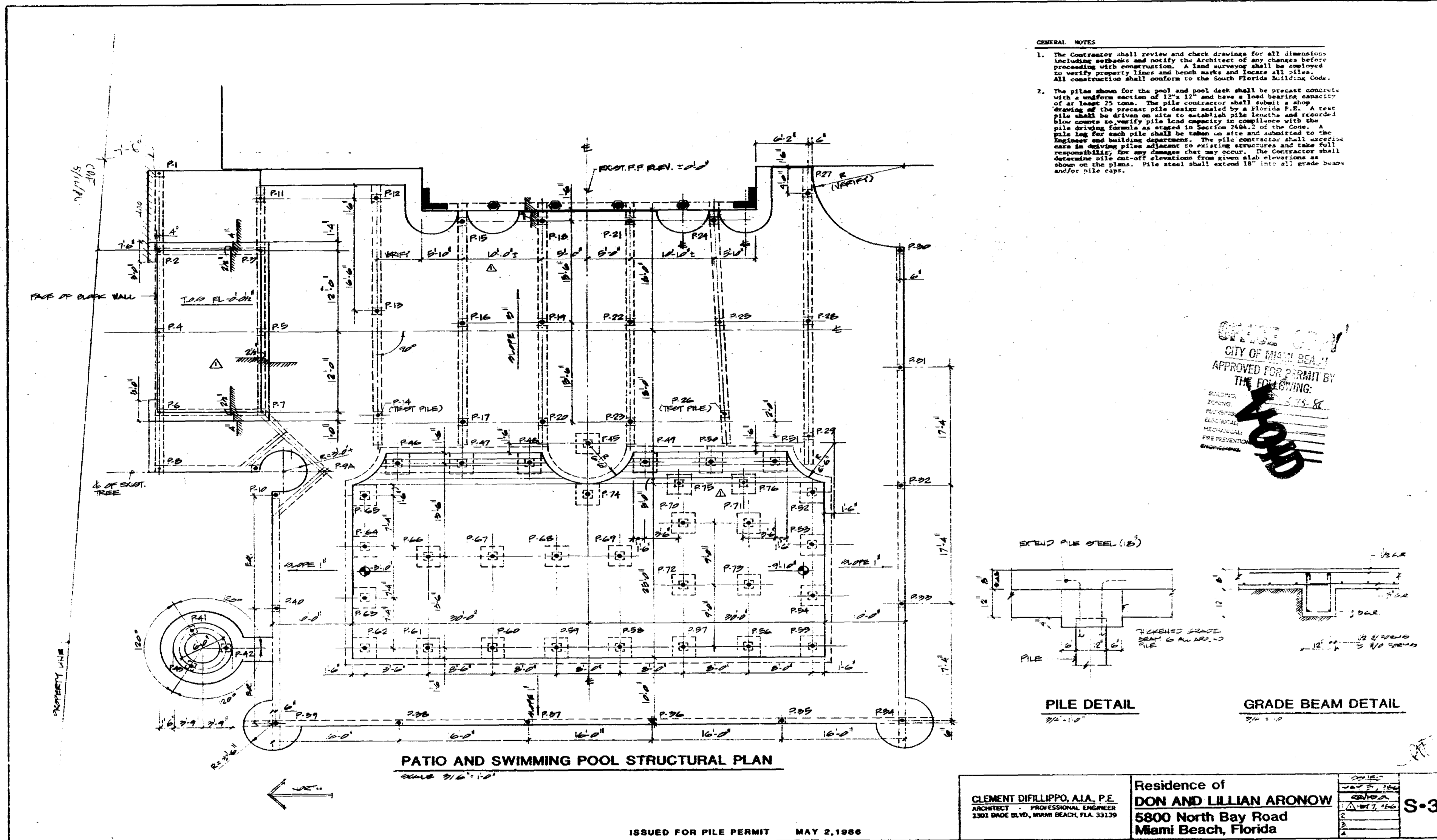
91789



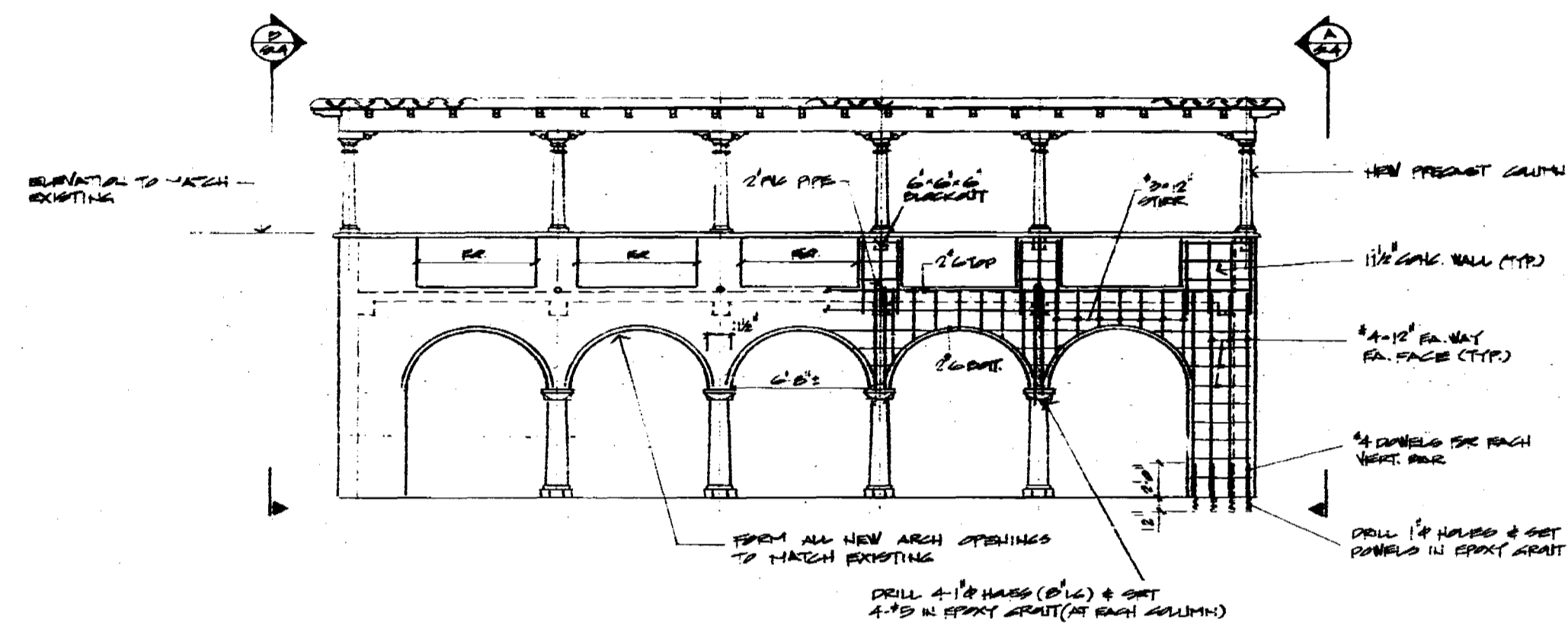
SITE PLAN
1" = 2'

91789

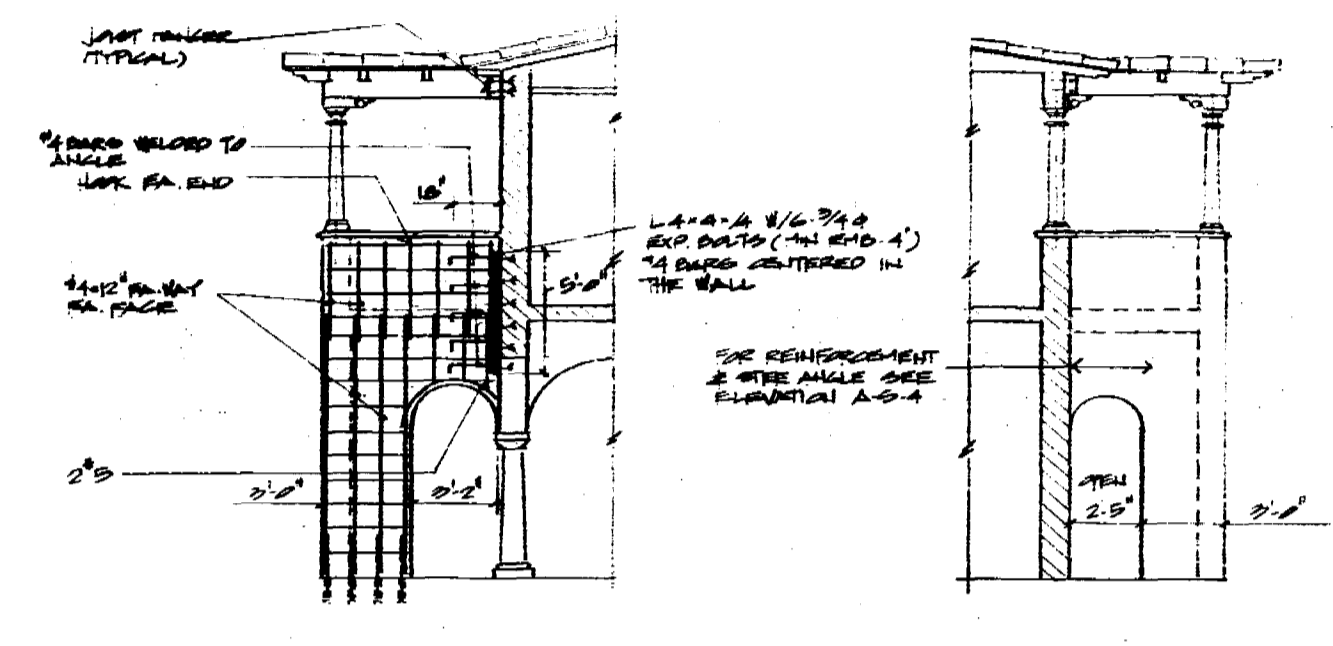
CLEMENT DIFILIPPO, A.I.A., P.E. ARCHITECT - PROFESSIONAL ENGINEER 1301 DADE BLVD, MIAMI BEACH, FLA. 33139	Residence of DON AND LILLIAN ARONOW 5800 North Bay Road Miami Beach, Florida	91789 11/18/89 S-1
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91789

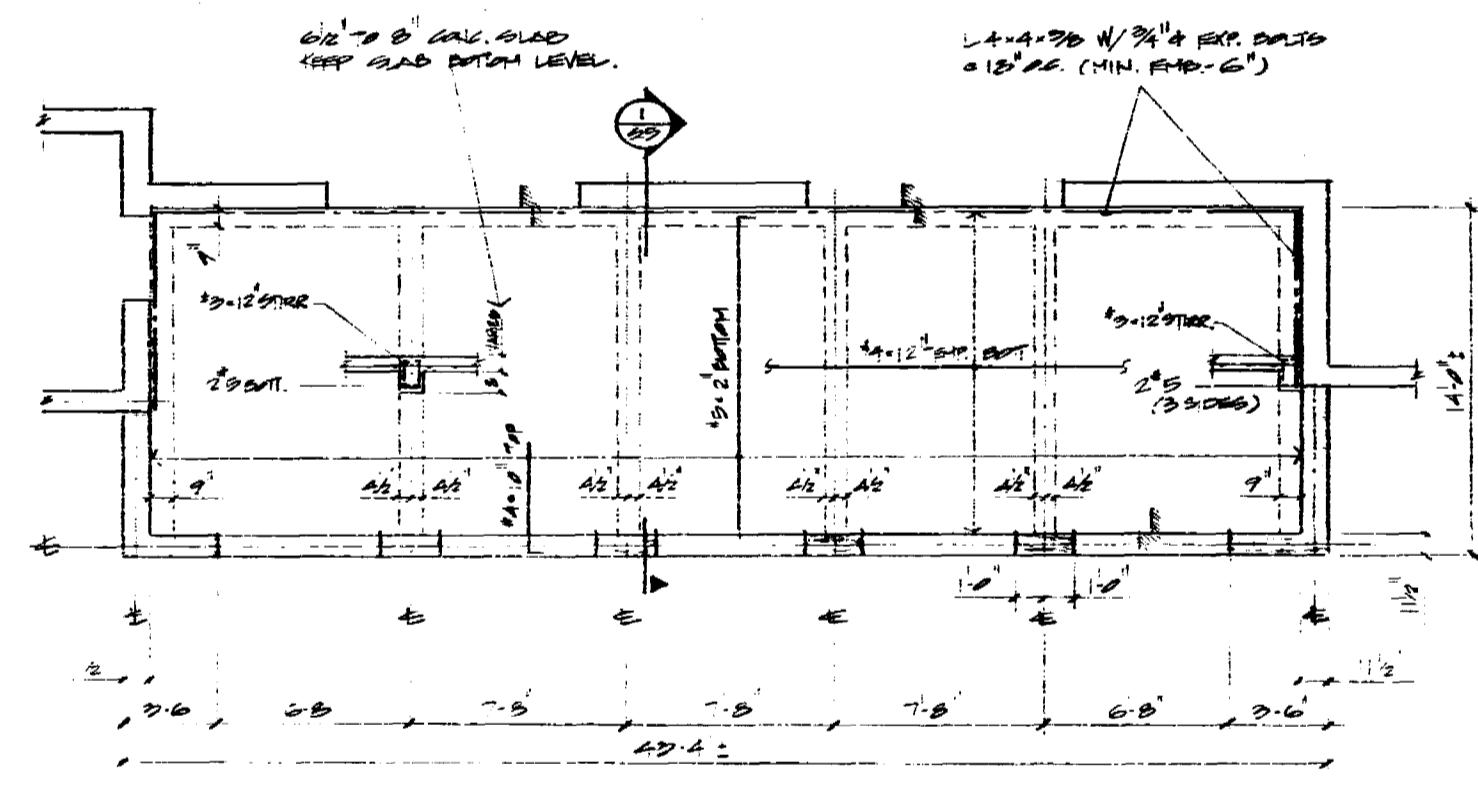


WEST ELEVATION
SCALE 1/4" = 1'-0"



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

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

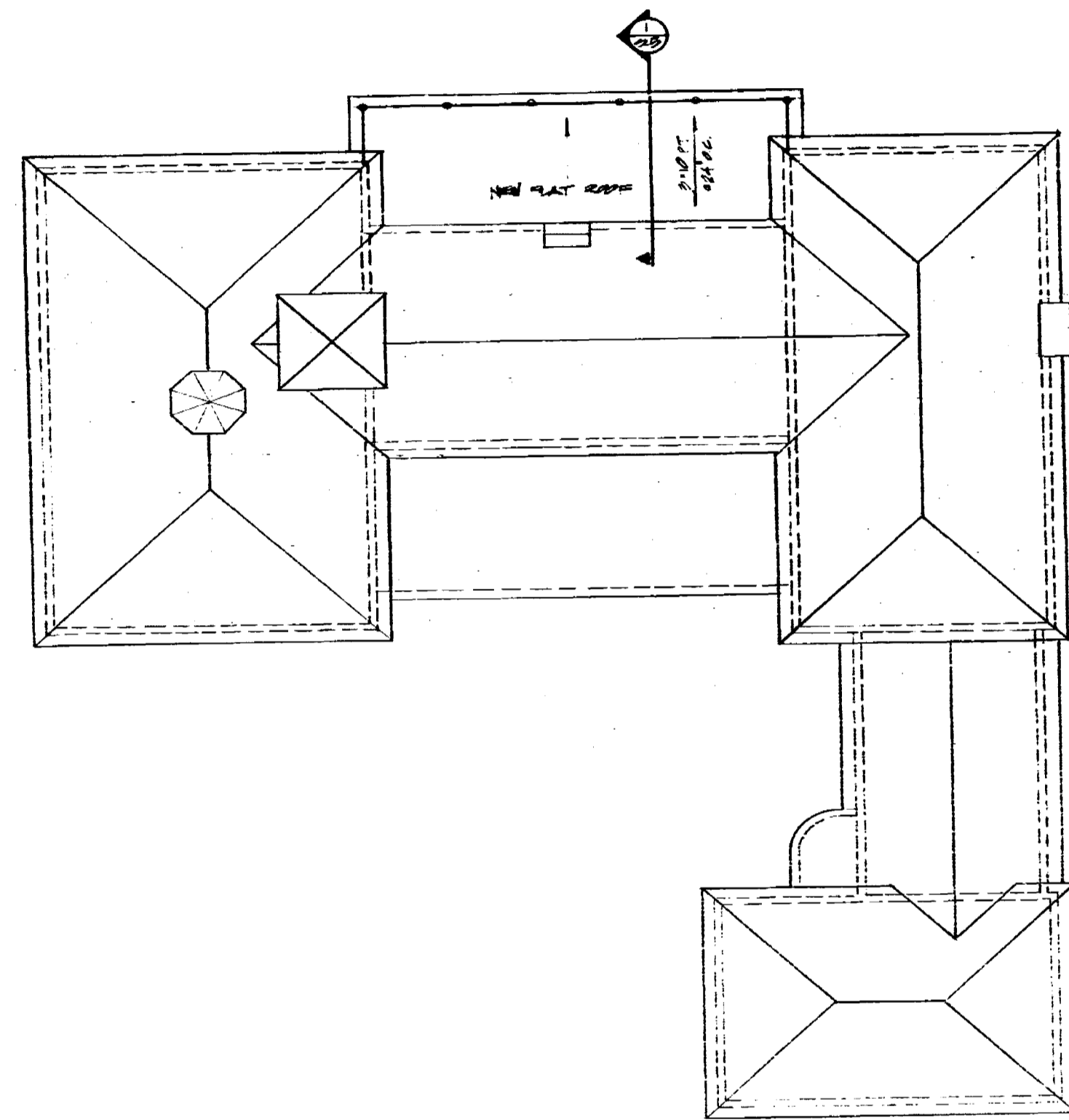


SECOND FLOOR FRAMING PLAN
SCALE 1/4" = 1'-0"

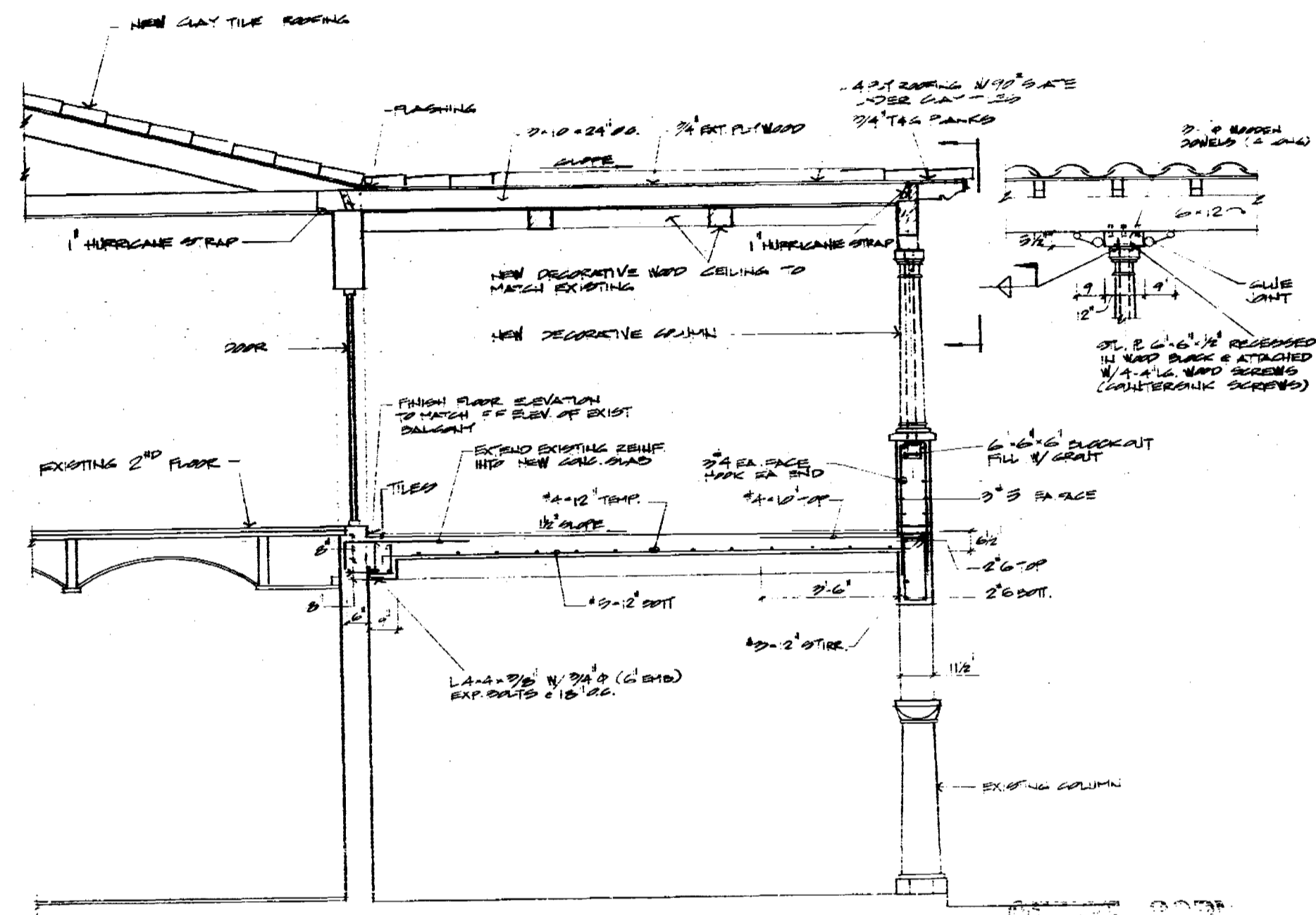
CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY
THE FOLLOWING:
VOID

CLEMENT DI FILIPPO, AIA, P.E. ARCHITECT - PROFESSIONAL ENGINEER 1301 INDIAN BLVD., MIAMI BEACH, FLA. 33139	Residence of DON AND LILLIAN ARONOW 5800 North Bay Road Miami Beach, Florida	SHEET NO. DATE REVISIONS 1. 2. 3. 4.	S-4
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91789



ROOF PLAN



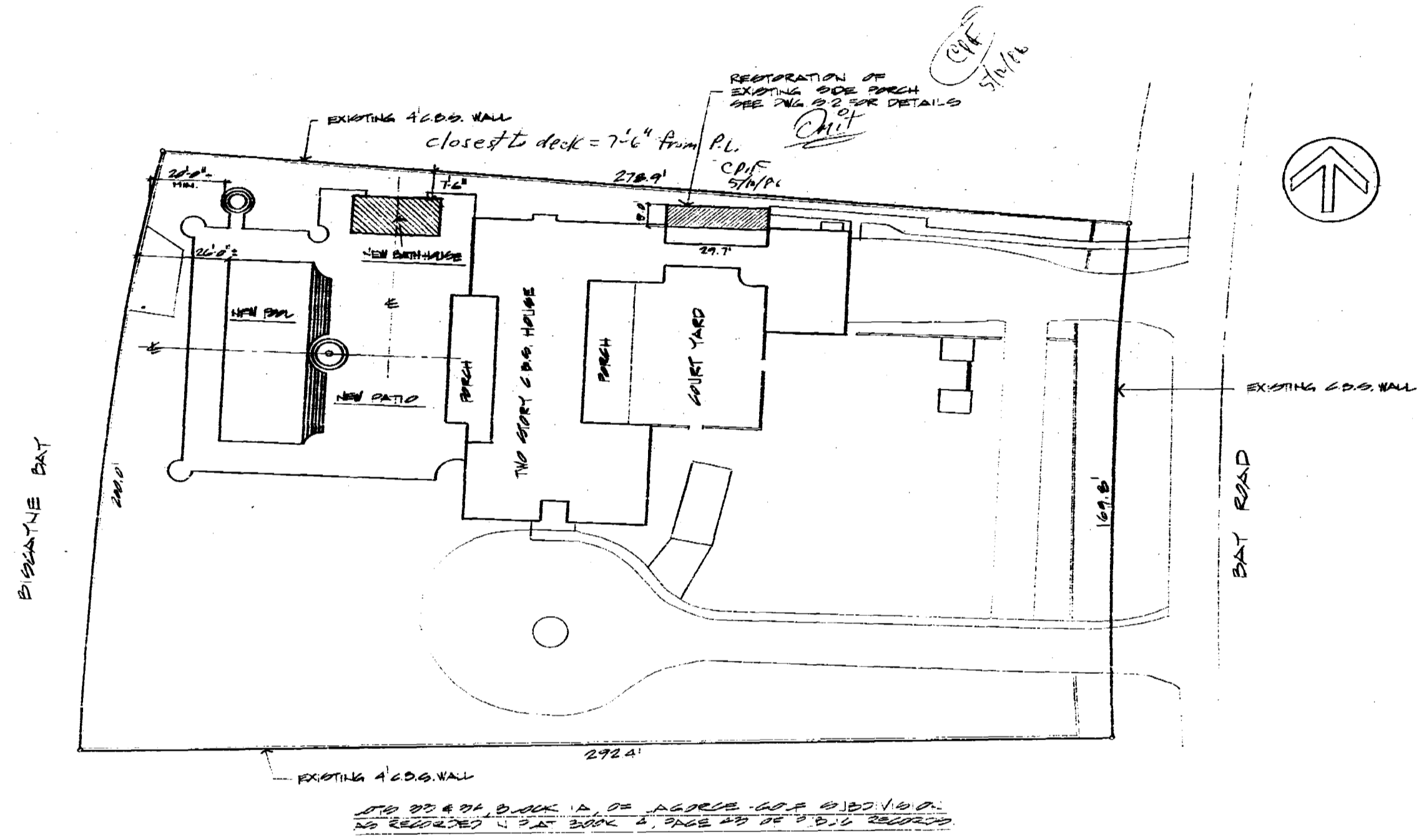
SECTION 1

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CLEMENT DIFILIPPO, A.I.A., P.E. ARCHITECT - PROFESSIONAL ENGINEER 1301 DADE BLVD., MIAMI BEACH, FLA. 33139	Residence of DON AND LILLIAN ARONOW 5800 North Bay Road Miami Beach, Florida	S-5
	1	2
	3	4
	5	6

91789



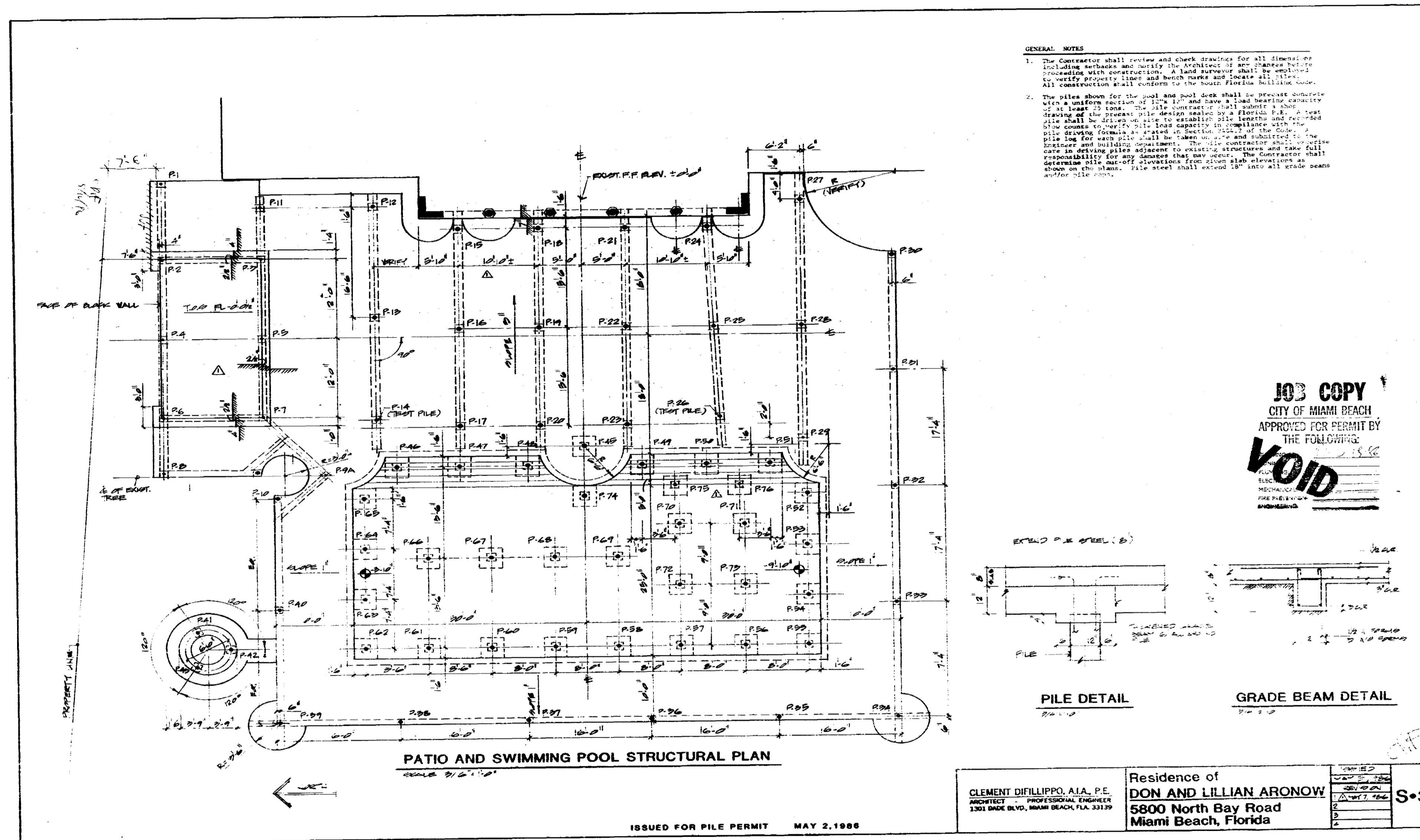
SITE PLAN
1-27

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

PLANNING	
ENGINEERING	
RECORDS	
ELECTRICAL	
MECHANICAL	
FIRE DEPARTMENT	
ENVIRONMENTAL	

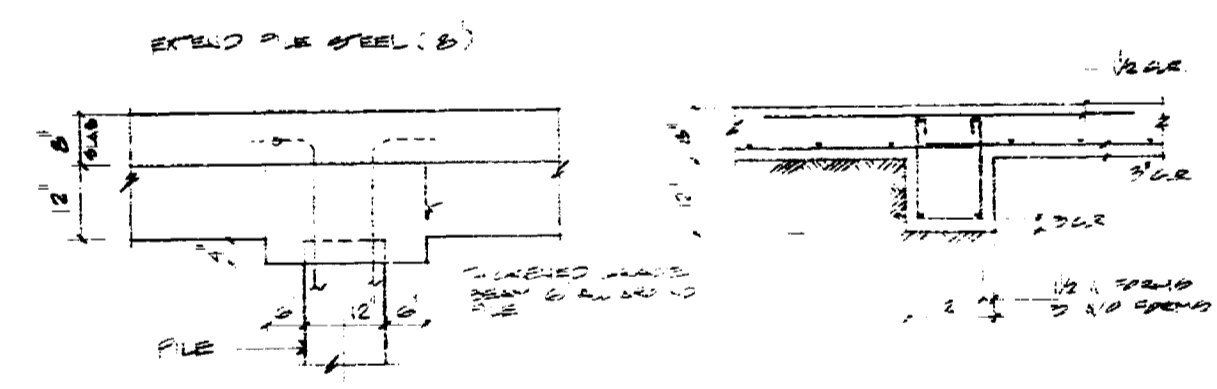
CLEMENT DIFILLIPPO, A.I.A., P.E. ARCHITECT · PROFESSIONAL ENGINEER 1301 DADE BLVD., MIAMI BEACH, FLA. 33139	Residence of DON AND LILLIAN ARONOW 5800 North Bay Road Miami Beach, Florida	APR 24 1982 10:00 AM 10:00 AM 10:00 AM 10:00 AM	S-1

91789



- GENERAL NOTES**
1. The Contractor shall review and check drawings for all dimensions including setbacks and verify the Architect of any changes before proceeding with construction. A land surveyor shall be employed to verify property lines and bench marks and locate all piles. All construction shall conform to the basic Florida Building Code.
 2. The piles shown for the pool and pool deck shall be precast concrete with a uniform section of 12" x 12" and have a load bearing capacity of at least 25 tons. The pile contractor shall submit a shop drawing of the precast pile design sealed by a Florida P.E. A test pile shall be driven on site to establish pile lengths and recorded blow counts to verify pile load capacity in compliance with the pile design formula as stated in Section 204.2 of the Code. The pile load for each pile shall be taken on site and submitted to the Engineer and building department. The pile contractor shall exercise care in driving piles adjacent to existing structures and take full responsibility for any damages that may occur. The Contractor shall determine pile cut-off elevations from given slab elevations as shown on the plans. Pile steel shall extend 18" into all grade beams and/or pile caps.

JOB COPY
 CITY OF MIAMI BEACH
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 THE FOLLOWING:
 2/18/86
VOID
 ELEC.
 MECHANICAL
 FIRE PREVENTION
 INSURANCE

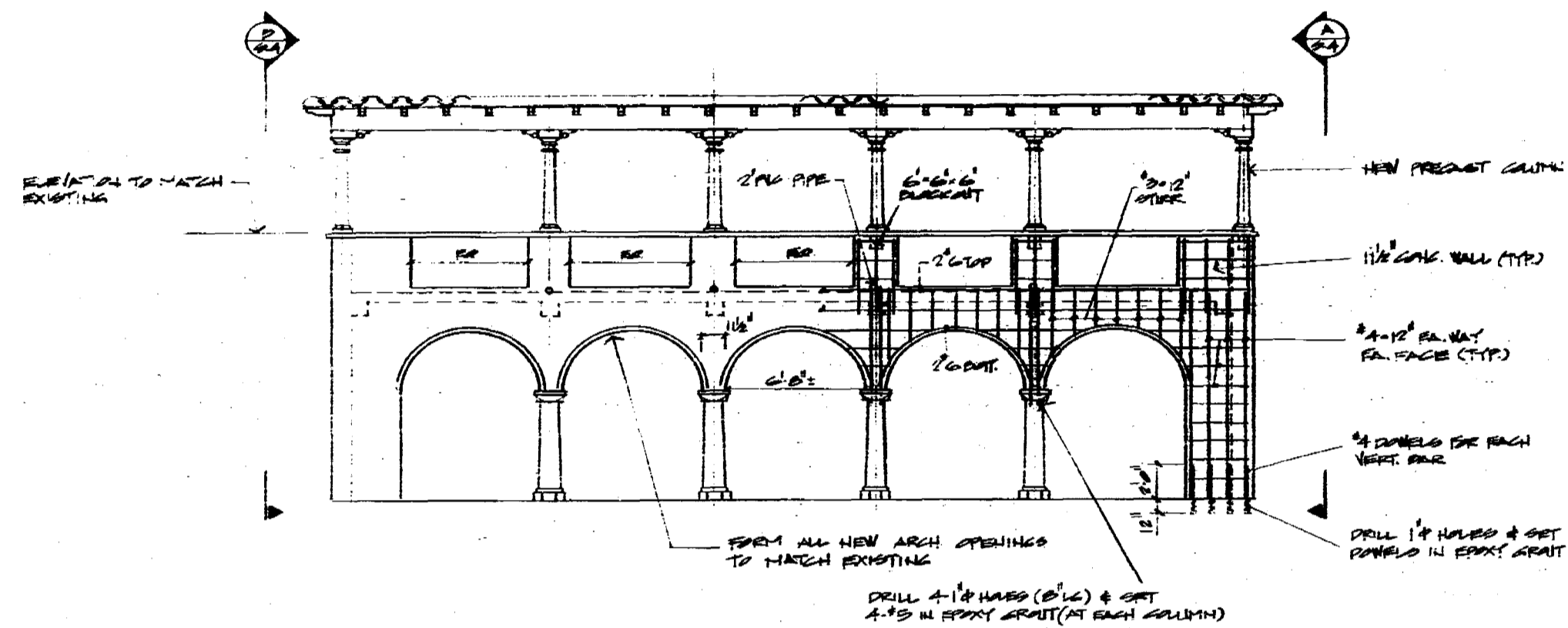


PILE DETAIL
 P. 1-2
GRADE BEAM DETAIL
 P. 1-2

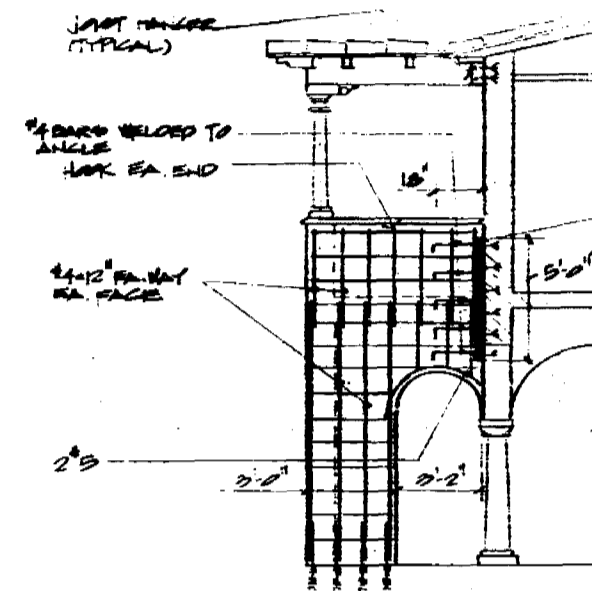
CLEMENT DIFILIPPO, AIA, P.E. ARCHITECT - PROFESSIONAL ENGINEER 1301 DADE BLVD., MIAMI BEACH, FLA. 33139	Residence of DON AND LILLIAN ARONOW 5800 North Bay Road Miami Beach, Florida	DATED 2/18/86 DESIGNED 2/18/86 DRAWN 2/18/86 CHECKED 2/18/86 APPROVED 2/18/86	S-3
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ISSUED FOR PILE PERMIT MAY 2, 1986

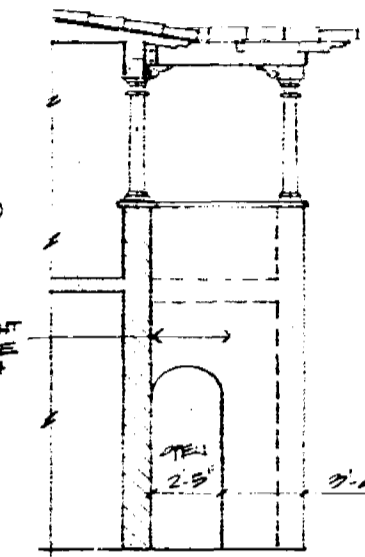
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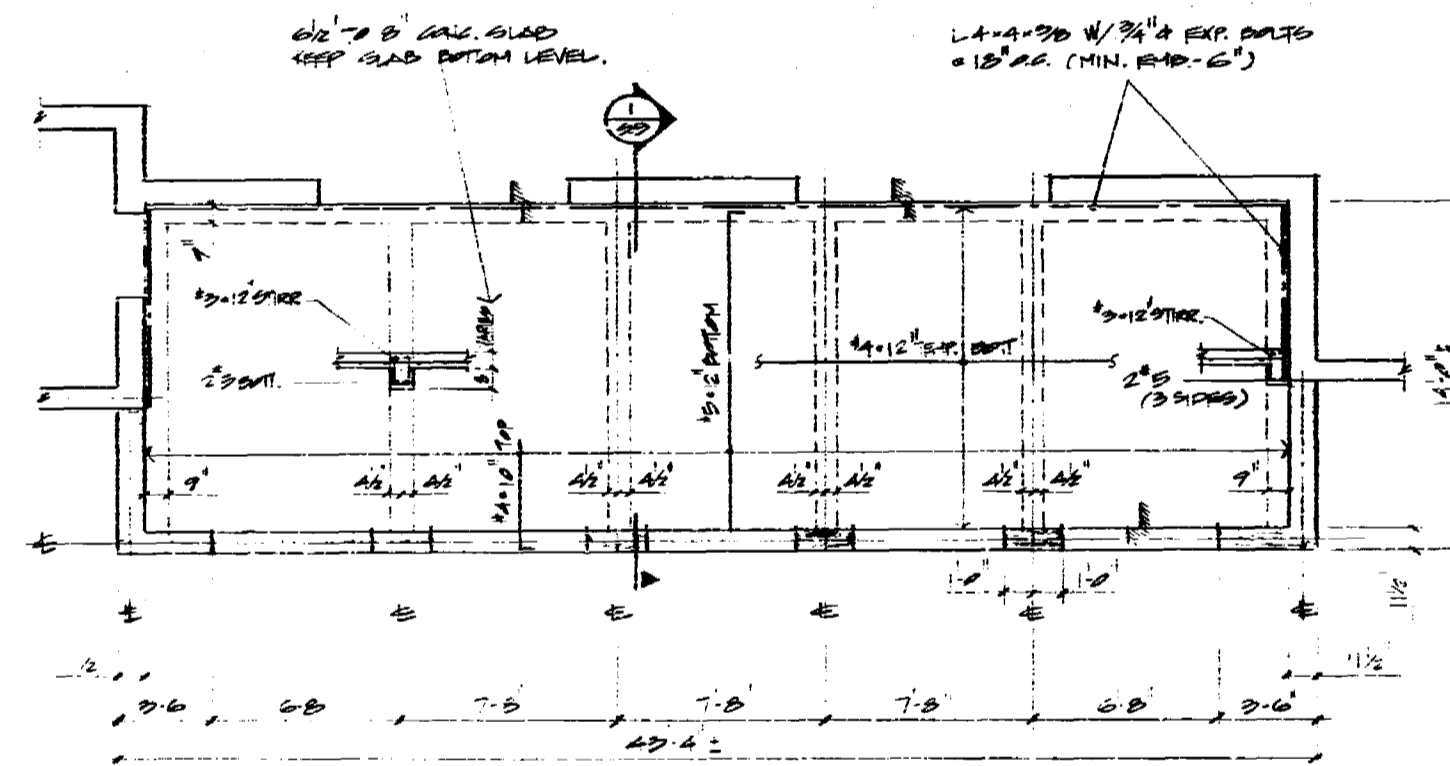
WEST ELEVATION
SCALE 1/4" = 1'-0"



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



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

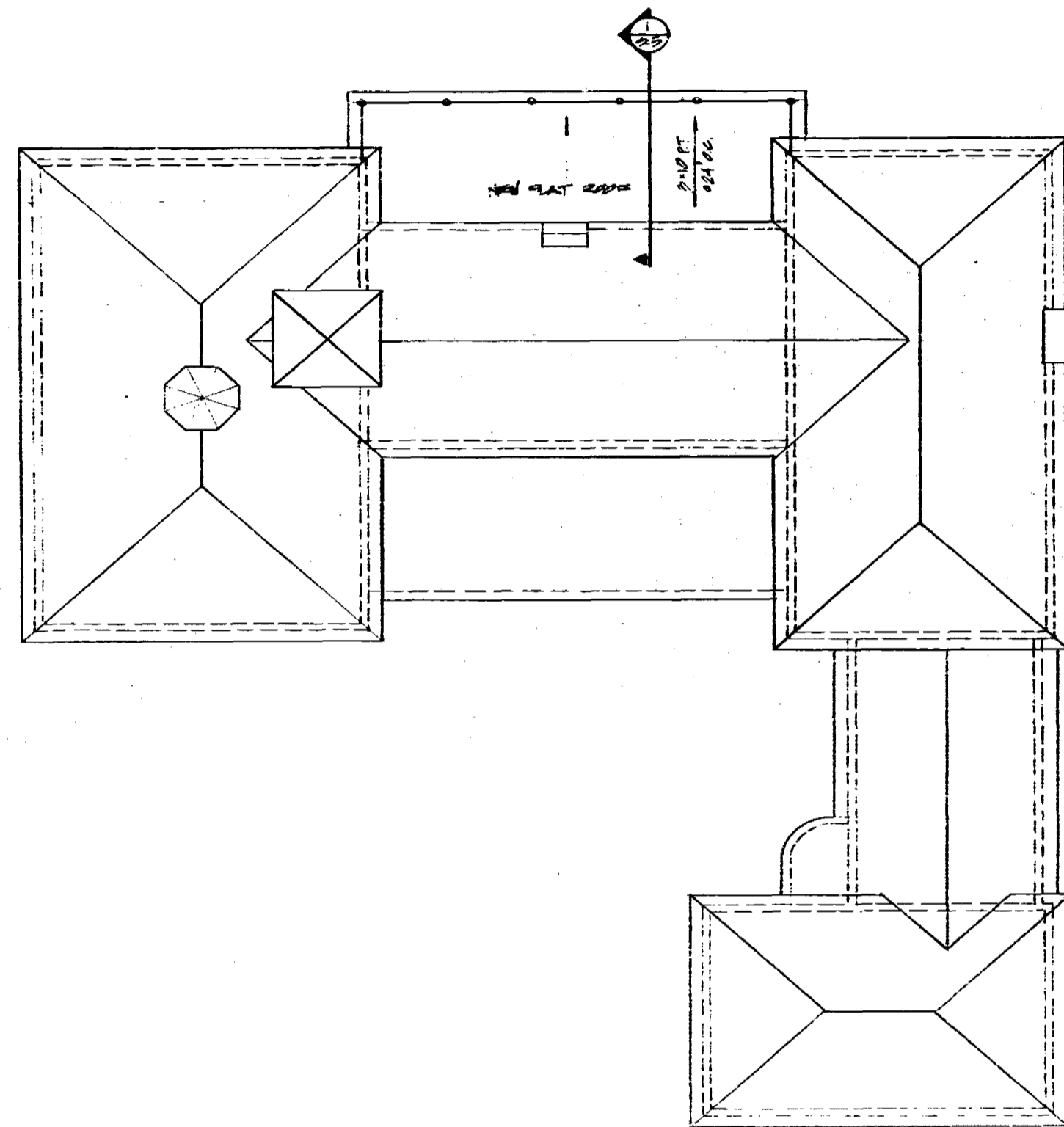


SECOND FLOOR FRAMING PLAN
SCALE 1/4" = 1'-0"

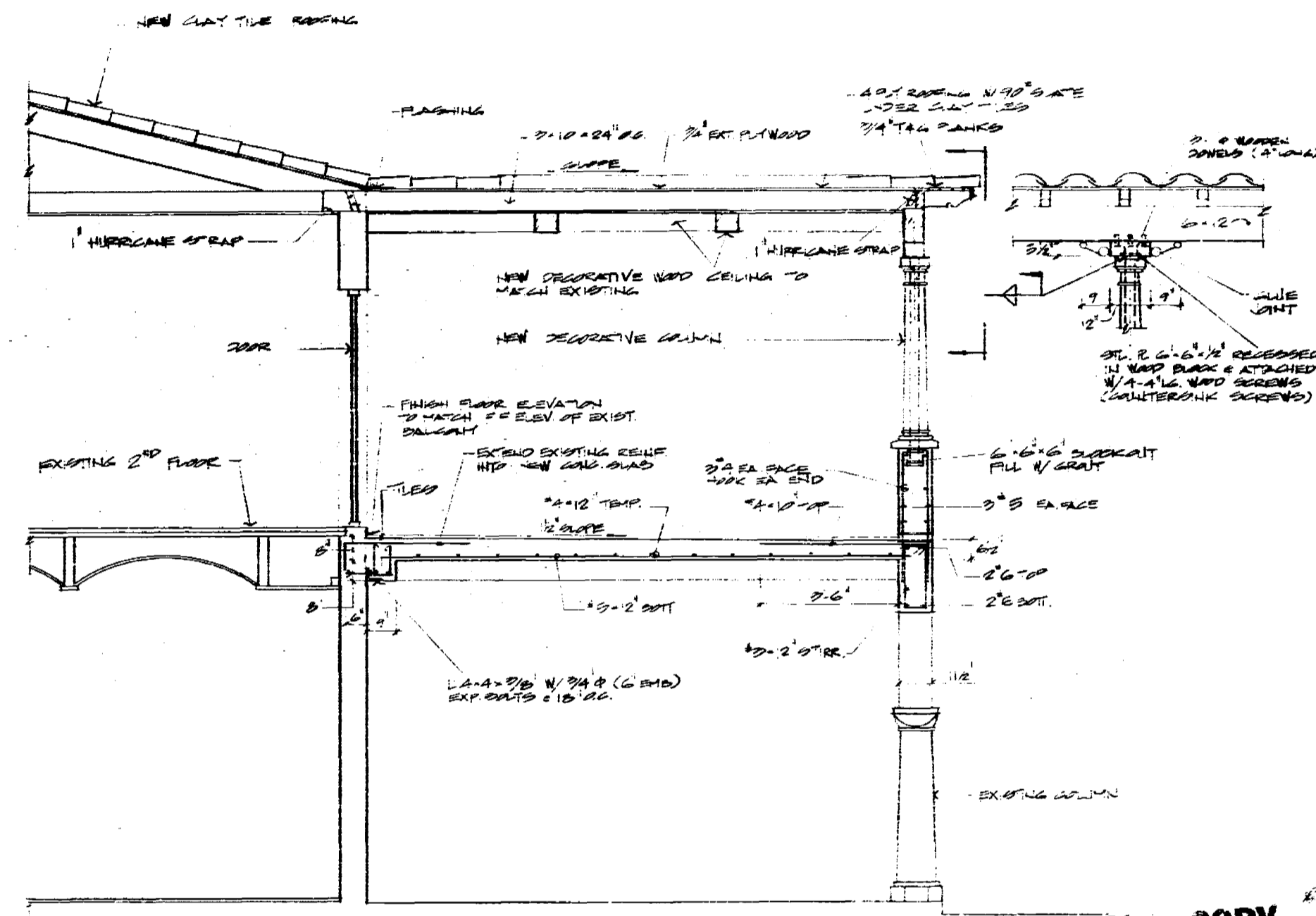
13 COPY
CITY OF MIAMI BEACH
VOID FOR PERMIT BY
DRAWING

CLEMENT DIFILIPPO, A.I.A., P.E. ARCHITECT - PROFESSIONAL ENGINEER 1301 DADE BLVD., MIAMI BEACH, FLA. 33139	Residence of DON AND LILLIAN ARONOW 5800 North Bay Road Miami Beach, Florida	00-50 00-51 00-52 00-53 00-54	S-4

91789



ROOF PLAN



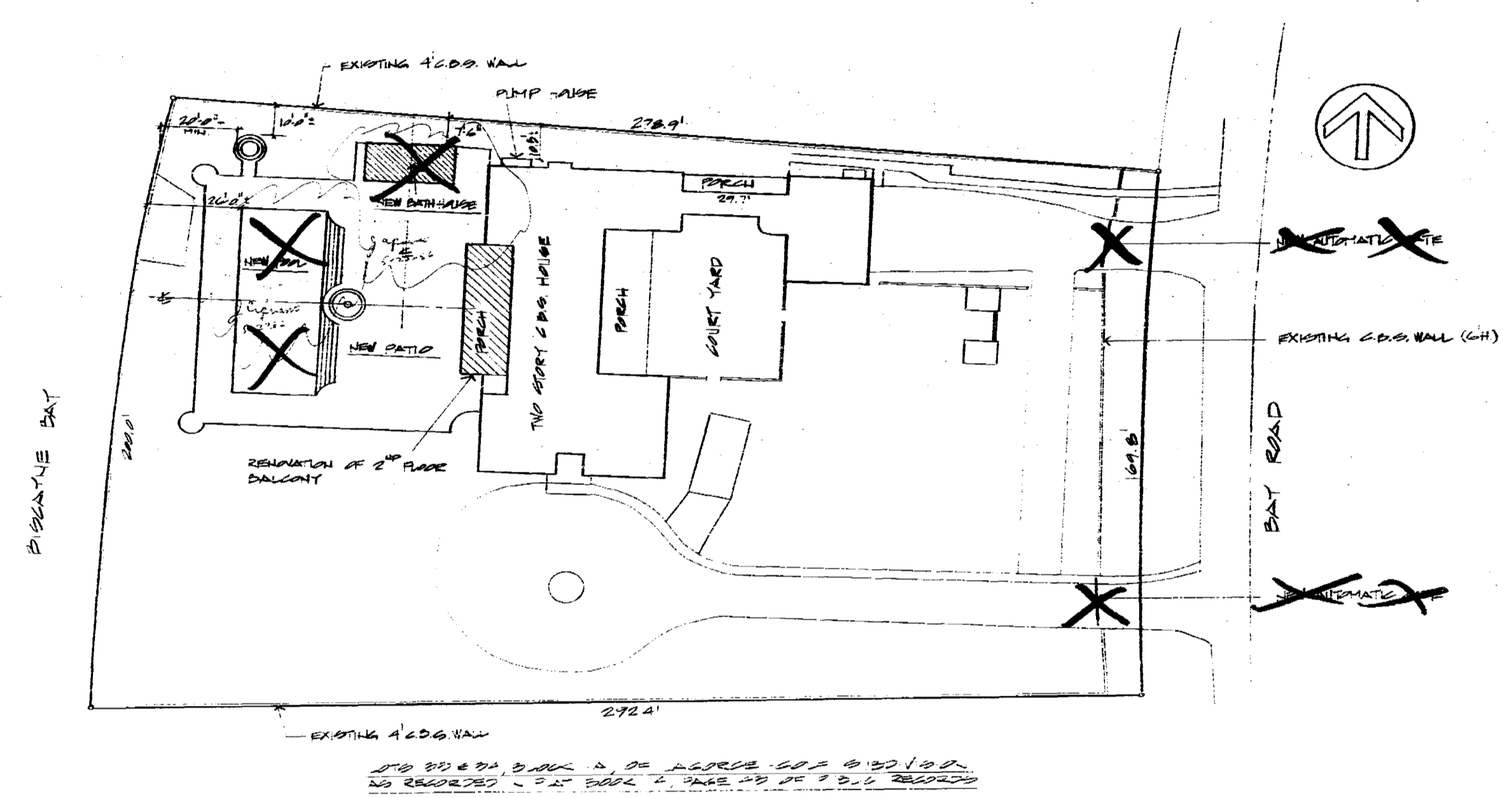
SECTION 1

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

CLEMENT DIFILIPPO, A.I.A., P.E. ARCHITECT - PROFESSIONAL ENGINEER 1301 DADE BLVD., MIAMI BEACH, FLA. 33129	Residence of DON AND LILLIAN ARONOW 5800 North Bay Road Miami Beach, Florida	DATE: 11/15/89	S-5
		DRAWN BY: J.S.	

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RECEIVED
APR 24 1982



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CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY
THE FOLLOWING:
ARCHITECT: [Signature]
PLUMBING: [Signature]
ELECTRICAL: [Signature]
MECHANICAL: [Signature]
FIRE PREVENTION: [Signature]
ENGINEERING: [Signature]

BUILDING INSPECTION DIVISION
REVISED SHEET
Date Recd 021 82

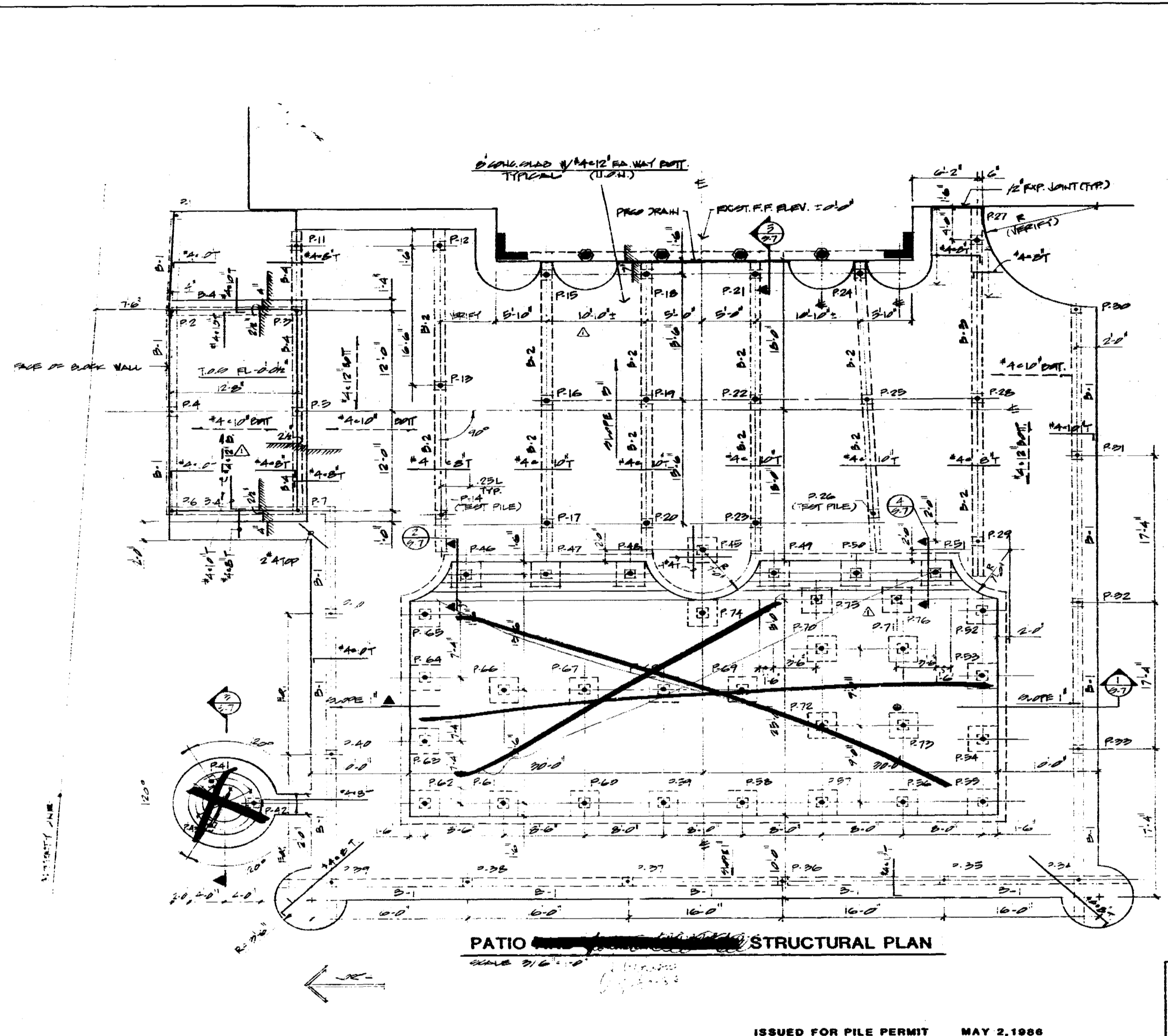
SITE PLAN
1-20

5800 NORTH BAY ROAD, MIAMI BEACH, FLA. 33139
NO RECORDS OF THIS PLAN IN THE OFFICE OF THE CITY ENGINEER

CLEMENT DIFILIPPO, A.I.A., P.E. ARCHITECT PROFESSIONAL ENGINEER 1301 DADE BLVD, MIAMI BEACH, FLA. 33139	Residence of DON AND LILLIAN ARONOW 5800 North Bay Road Miami Beach, Florida	100.00	S-1
		REV. 02/82	

91789

91789



PATIO STRUCTURAL PLAN
SCALE 3/16" = 1'-0"

- GENERAL NOTES**
- The Contractor shall review and check drawings for all dimensions including setbacks and certify the Architect of any changes before proceeding with construction. A land surveyor shall be employed to verify property lines and bench marks and locate all piles. All construction shall conform to the South Florida Building Code.
 - The piles shown for the pool and pool deck shall be precast concrete with a uniform section of 12" x 12" and have a load bearing capacity of at least 25 tons. The pile contractor shall submit a shop drawing of the precast pile design sealed by a Florida P.E. A test pile shall be driven on site to establish pile lengths and recorded blow counts to verify pile load capacity in compliance with the pile driving formula as stated in Section 2404.3 of the Code. A pile log for each pile shall be taken on site and submitted to the Engineer and building department. The pile contractor shall exercise care in driving piles adjacent to existing structures and take full responsibility for any damage that may occur. The Contractor shall determine pile cut-off elevations from given slab elevations as shown on the plans. Pile roost shall extend 18" into all grade beams and/or pile caps.

BEAM SCHEDULE

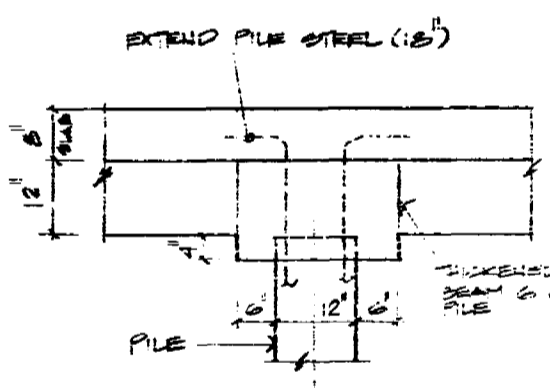
B-1	12" x 20" CONC. ON 1/2" x 6" TAB, #3 x 6" STIRRUPS
B-2	12" x 20" CONC. ON 1/2" x 7" TAB, #3 x 7" STIRRUPS
B-3	12" x 20" CONC. ON 1/2" x 8" TAB, #3 x 7" STIRRUPS
B-4	12" x (20 1/2) CONC. ON 1/2" x 7" TAB, #3 x 7" STIRRUPS

RECEIVED
MAY 21 1988
DEPARTMENT OF BUILDING PERMITS

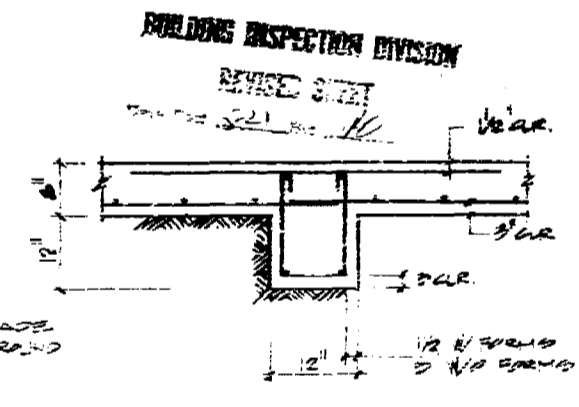
Not included for this permit
J. DiPietro
5-27-88

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CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY
THE FOLLOWING:

BUILDING: [Signature]
ZONING: [Signature]
PLUMBING: [Signature]
ELECTRICAL: [Signature]
MECHANICAL: [Signature]
FIRE PREVENTION: [Signature]
RECORDING: [Signature]



PILE DETAIL
SCALE 3/16" = 1'-0"

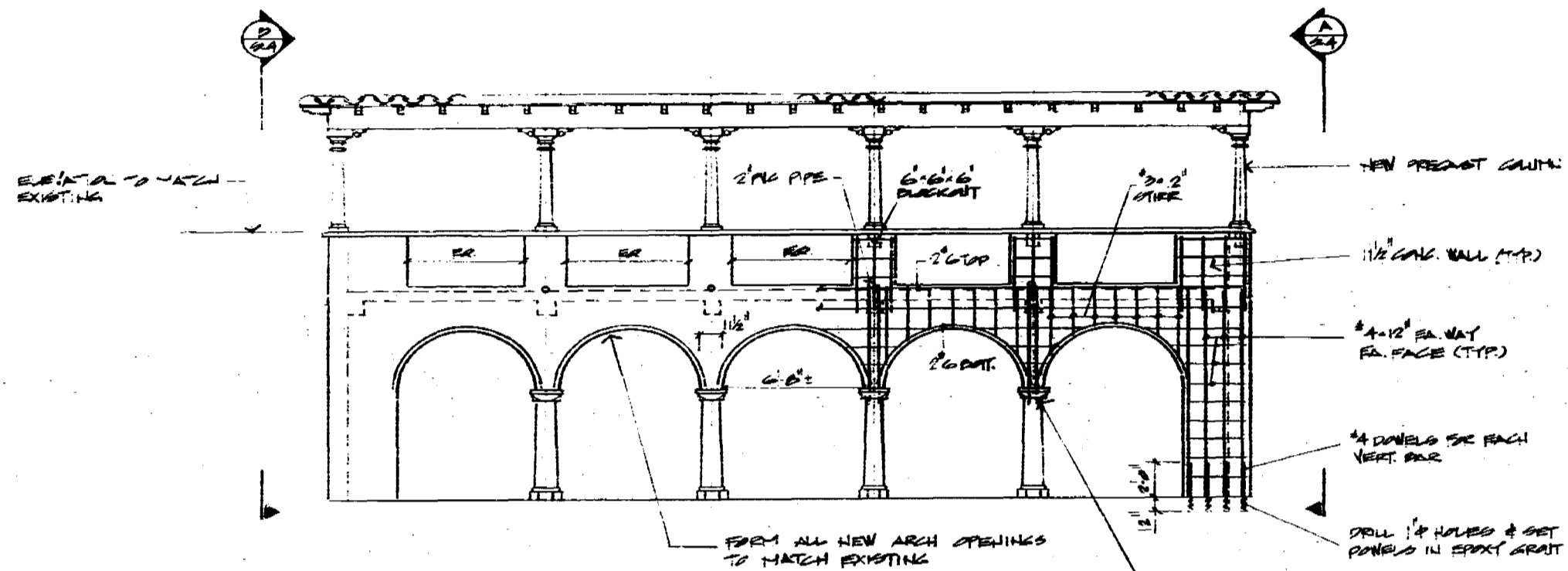


GRADE BEAM DETAIL
SCALE 3/16" = 1'-0"

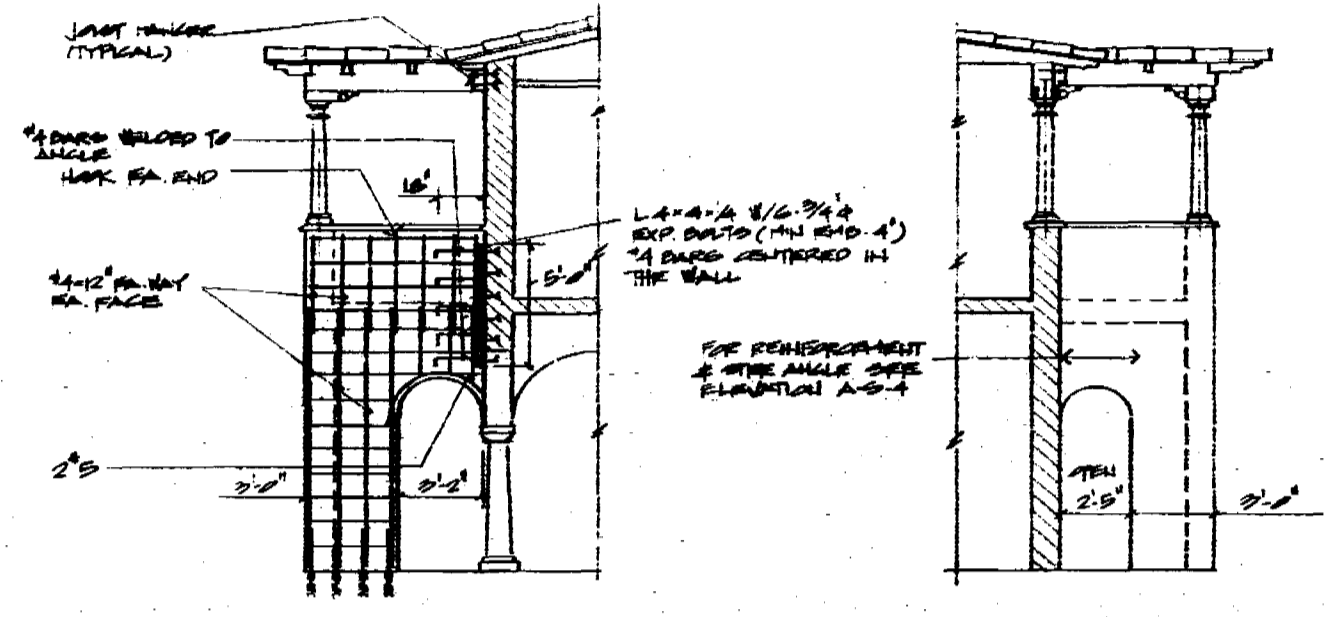
CLEMENT DIFILIPPO, AIA, P.E. ARCHITECT - PROFESSIONAL ENGINEER 1201 BRIDE BLVD., MIAMI BEACH, FLA. 33139	Residence of DON AND LILLIAN ARONOW 5800 North Bay Road Miami Beach, Florida	ISSUED MAY 21 1988 [Signature] [Signature] [Signature] [Signature]	S-3
	ISSUED MAY 21 1988 [Signature]		
	ISSUED MAY 21 1988 [Signature]		
	ISSUED MAY 21 1988 [Signature]		

ISSUED FOR PILE PERMIT MAY 2, 1988

91789

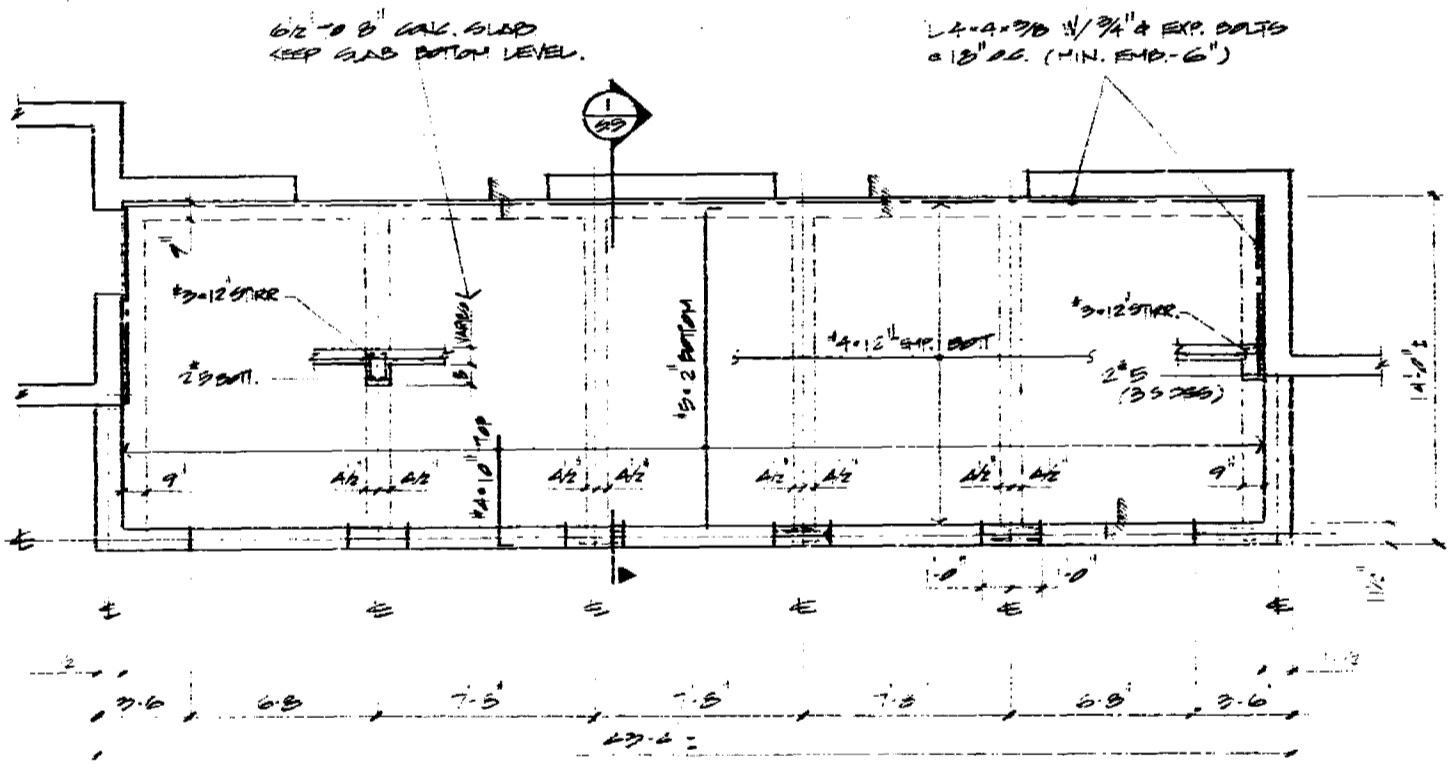


WEST ELEVATION
SCALE 1/4" = 1'-0"



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

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



SECOND FLOOR FRAMING PLAN
SCALE 1/4" = 1'-0"

RECEIVED
 NOV 2 1982
 PLANNING DEPARTMENT

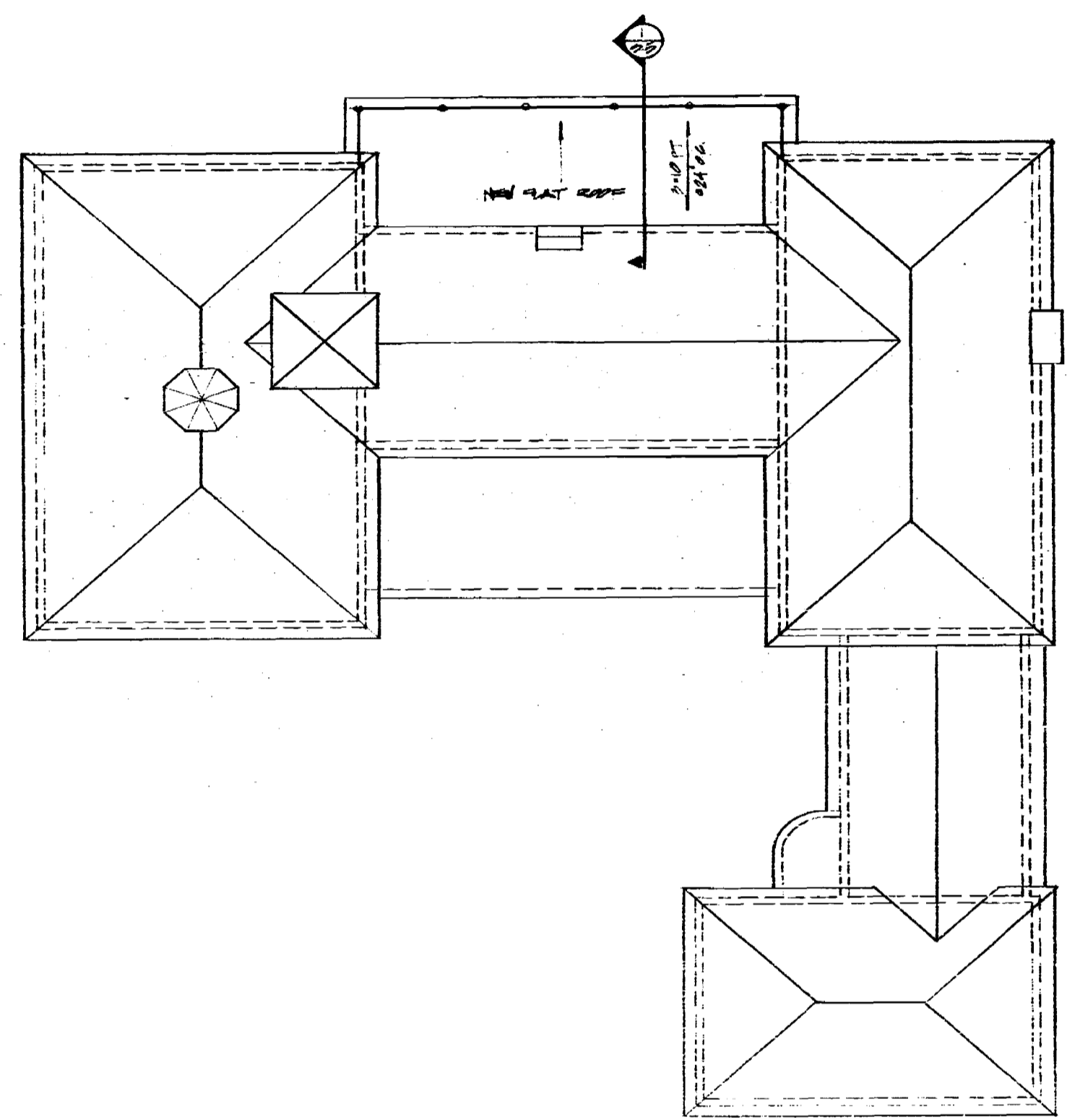
OFFICE COPY
 CITY OF MIAMI BEACH
 APPROVED FOR PERMIT BY
 THE FOLLOWING:

BUILDING DIVISION
 PLANNING DIVISION
 ENGINEERING DIVISION

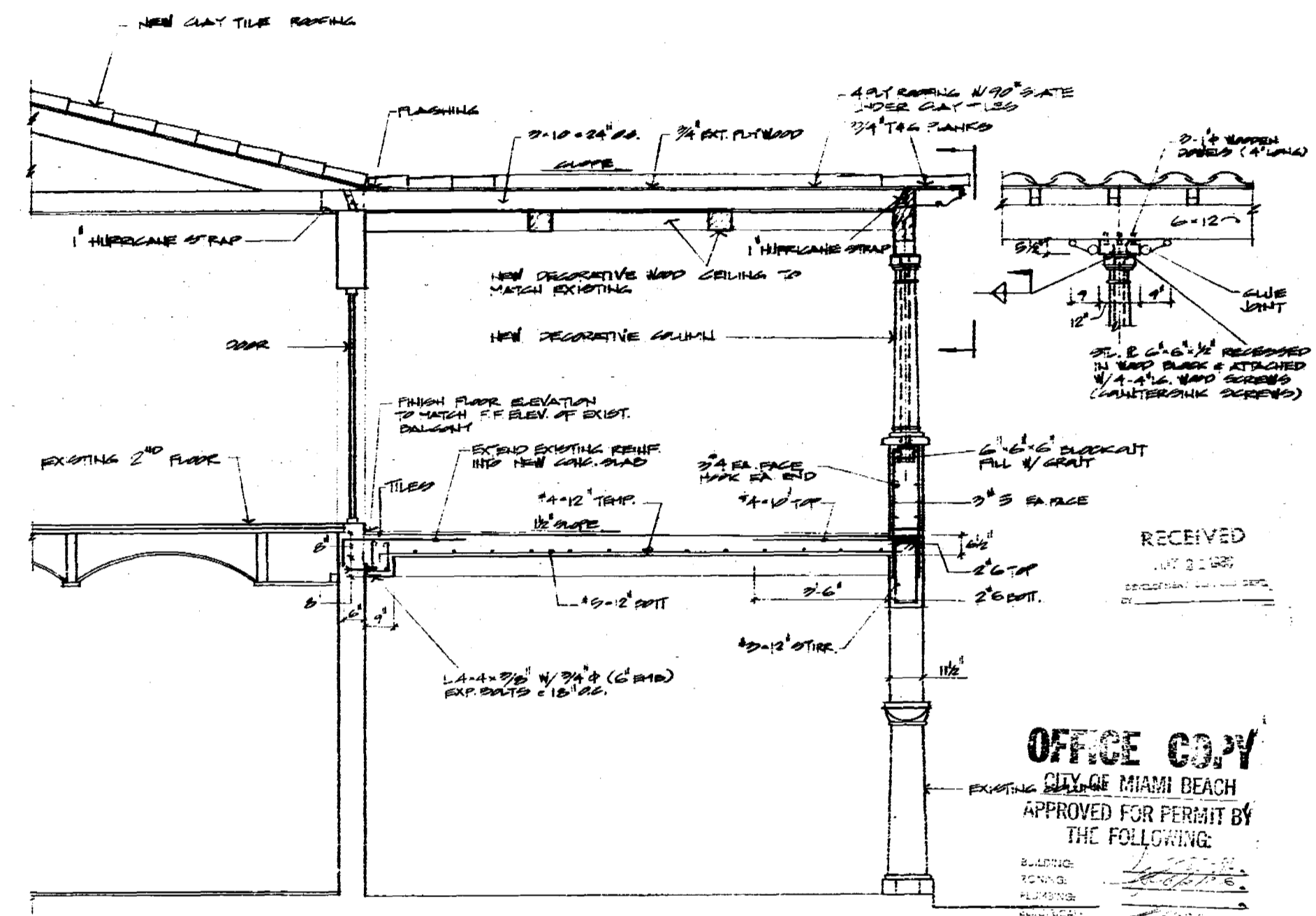
BUILDING INSPECTION DIVISION
 REVISED SHEET

CLEMENT DIFILIPPO, A.I.A., P.E. ARCHITECT - PROFESSIONAL ENGINEER 1301 DADE BLVD., MIAMI BEACH, FLA. 33139	Residence of DON AND LILLIAN ARONOW 5800 North Bay Road Miami Beach, Florida	ISSUED 11/2/82 REVISED 11/2/82 2 3 4	S-4

91789



ROOF PLAN



SECTION 1

RECEIVED
JULY 2 1987

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CITY OF MIAMI BEACH
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THE FOLLOWING:

PLANNING
ZONING
PERMITS
ENGINEERING
FIRE PREVENTION
INSPECTION

BUILDING INSPECTION DIVISION
REVISED SHEET

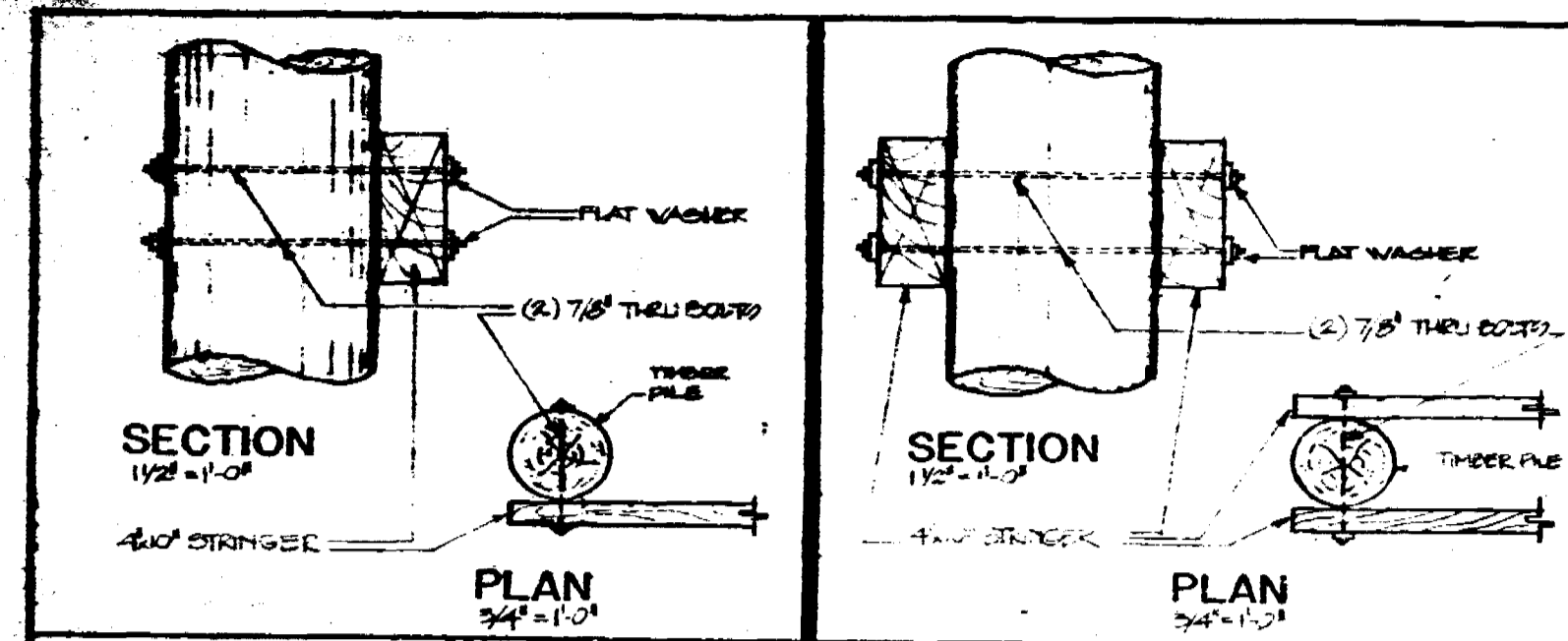
CLEMENT DI LIPPLO, AIA, P.E. ARCHITECT - PROFESSIONAL ENGINEER 1301 OXIDE BLVD., MIAMI BEACH, FLA. 33139	Residence of DON AND LILLIAN ARONOW 5800 North Bay Road Miami Beach, Florida		1 2 3 4	S-5

91789

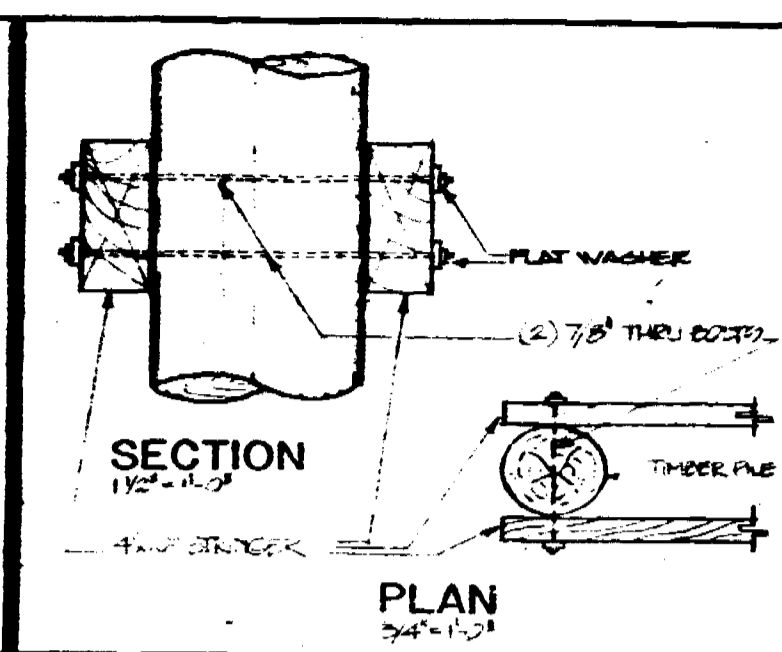
91823

91823

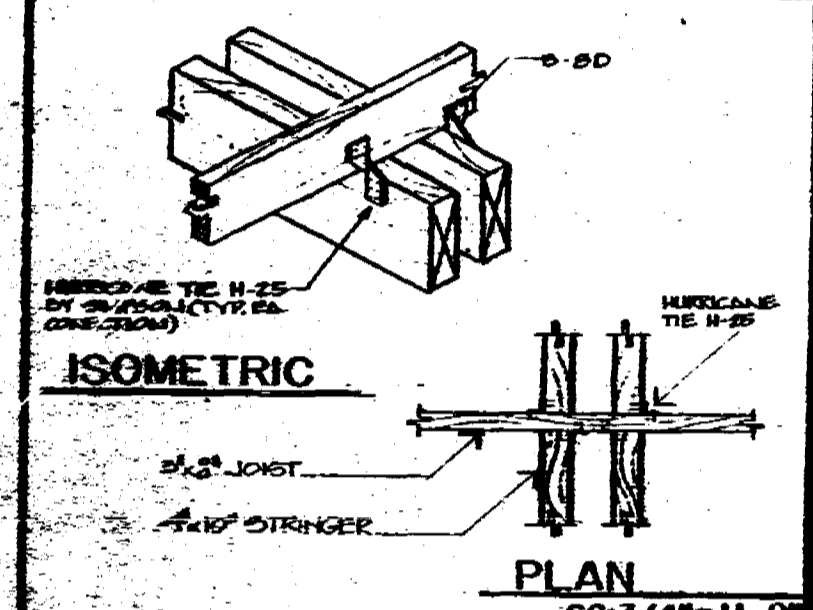
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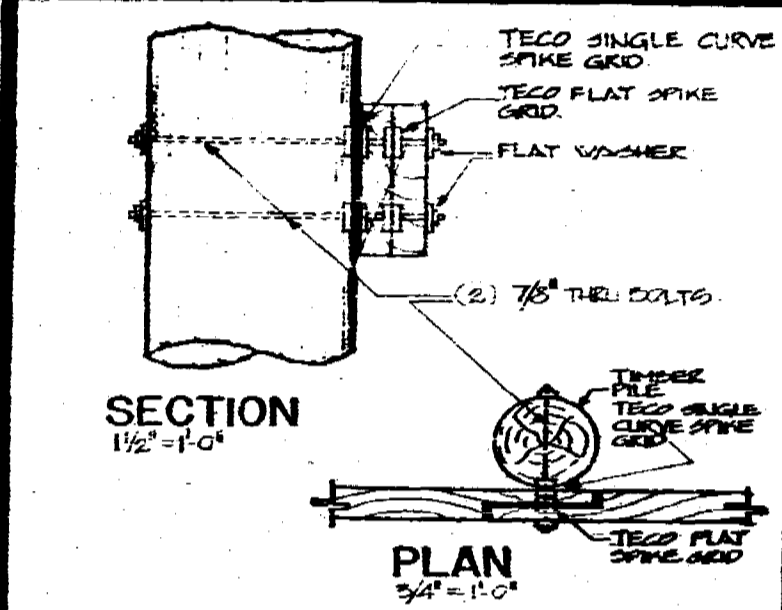
DETAIL 1



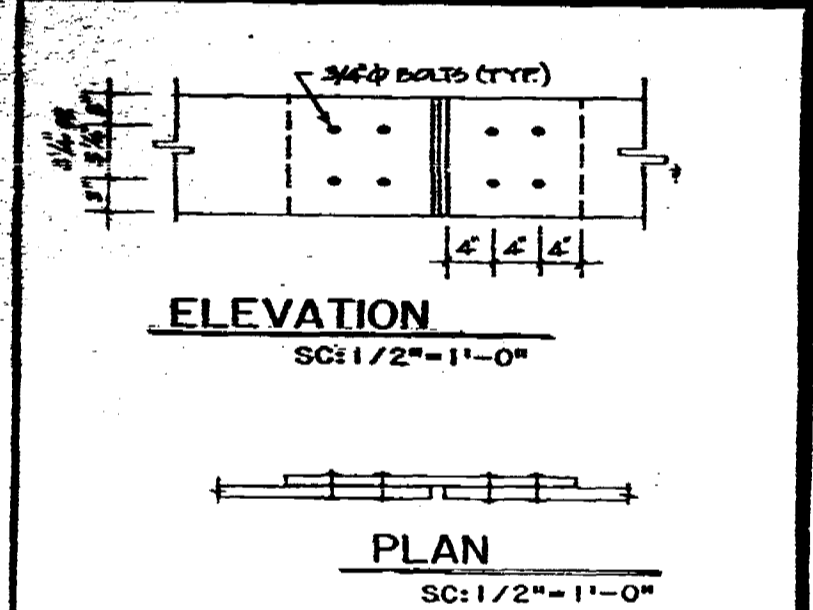
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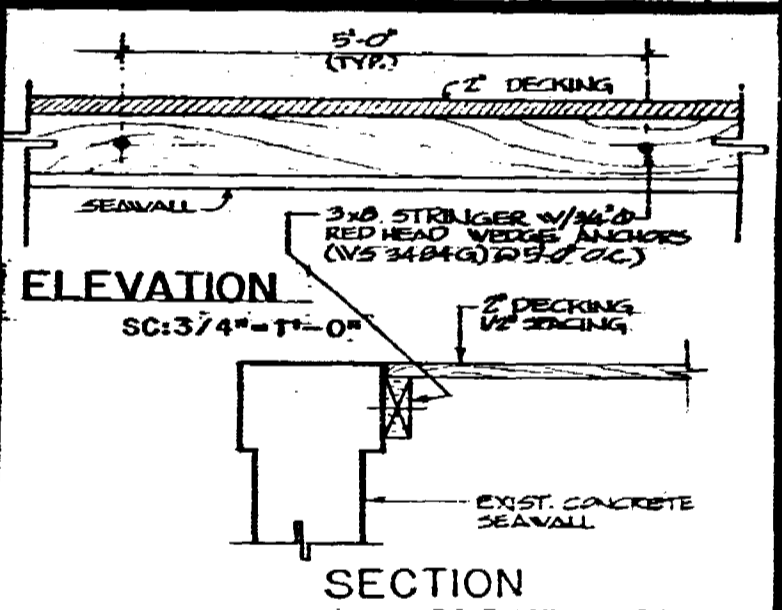
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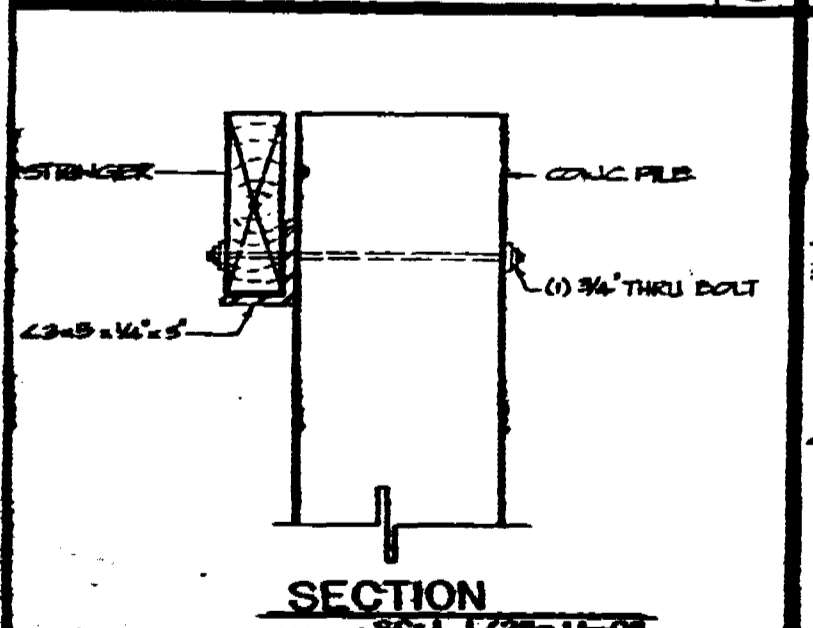
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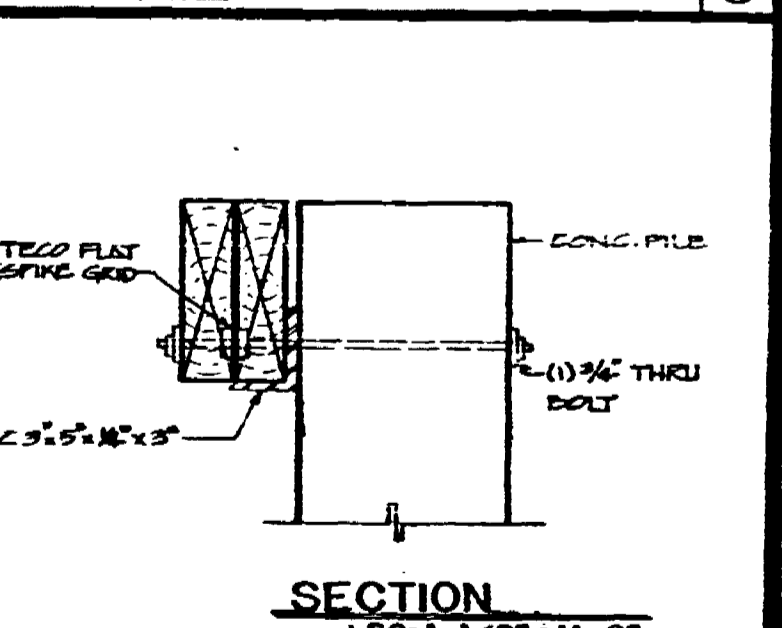
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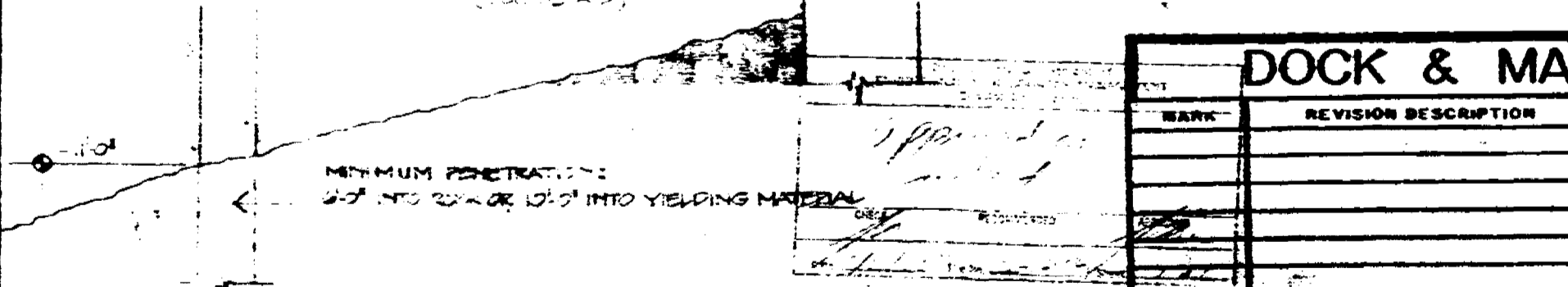
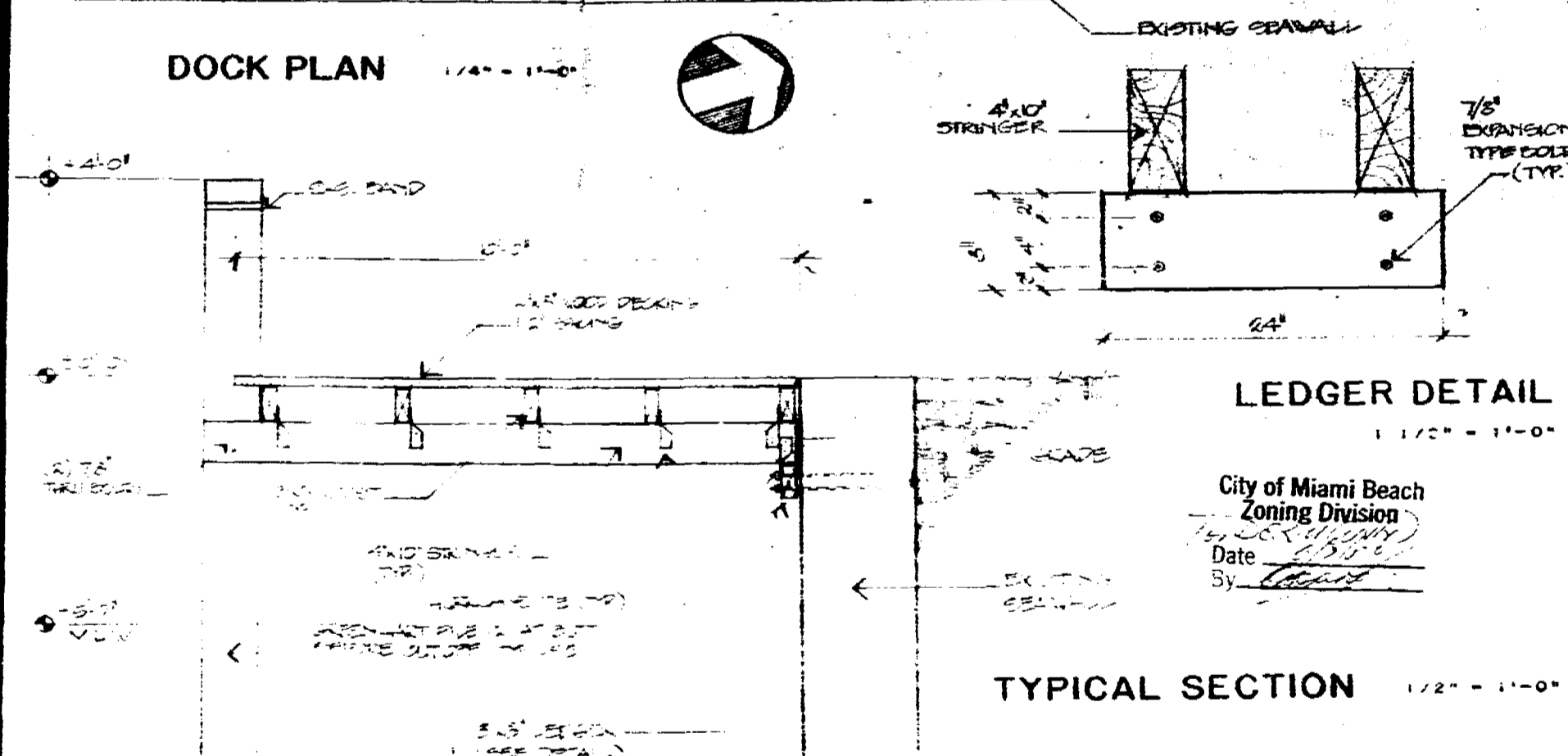
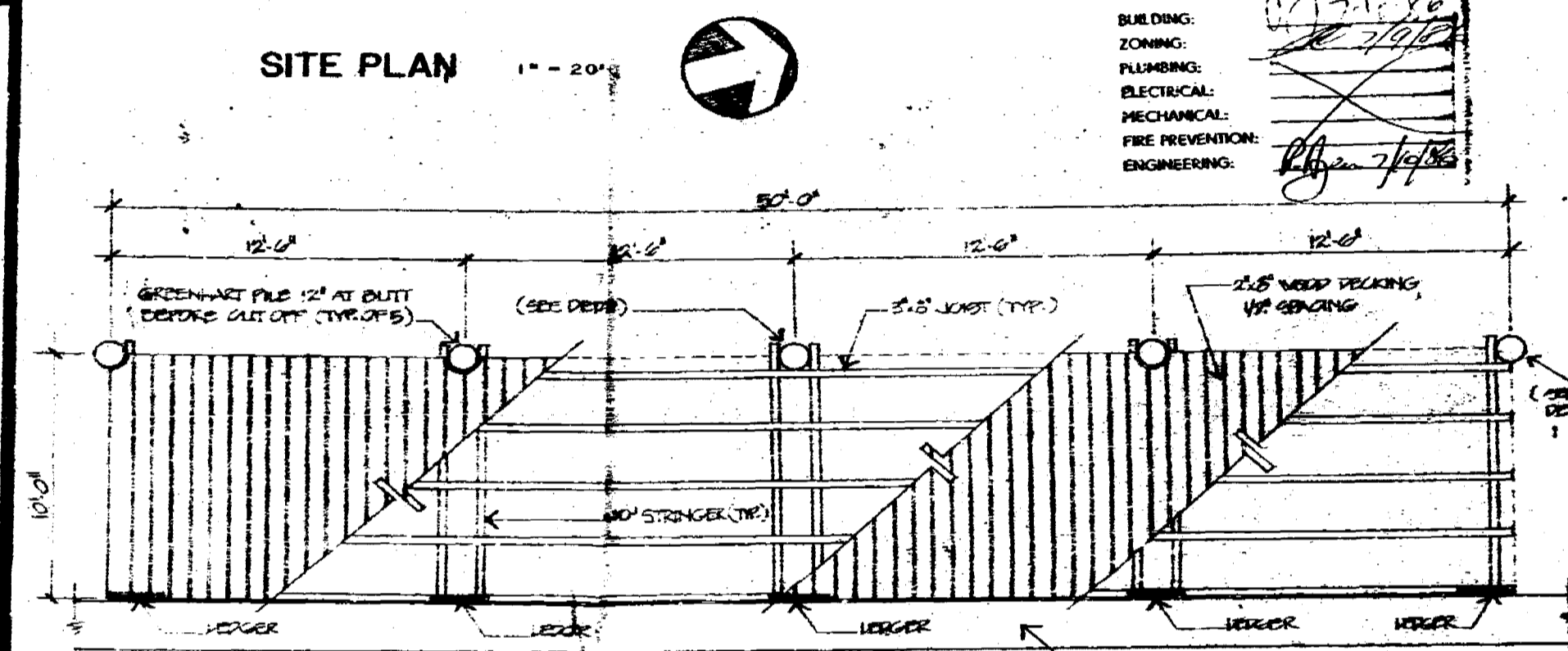
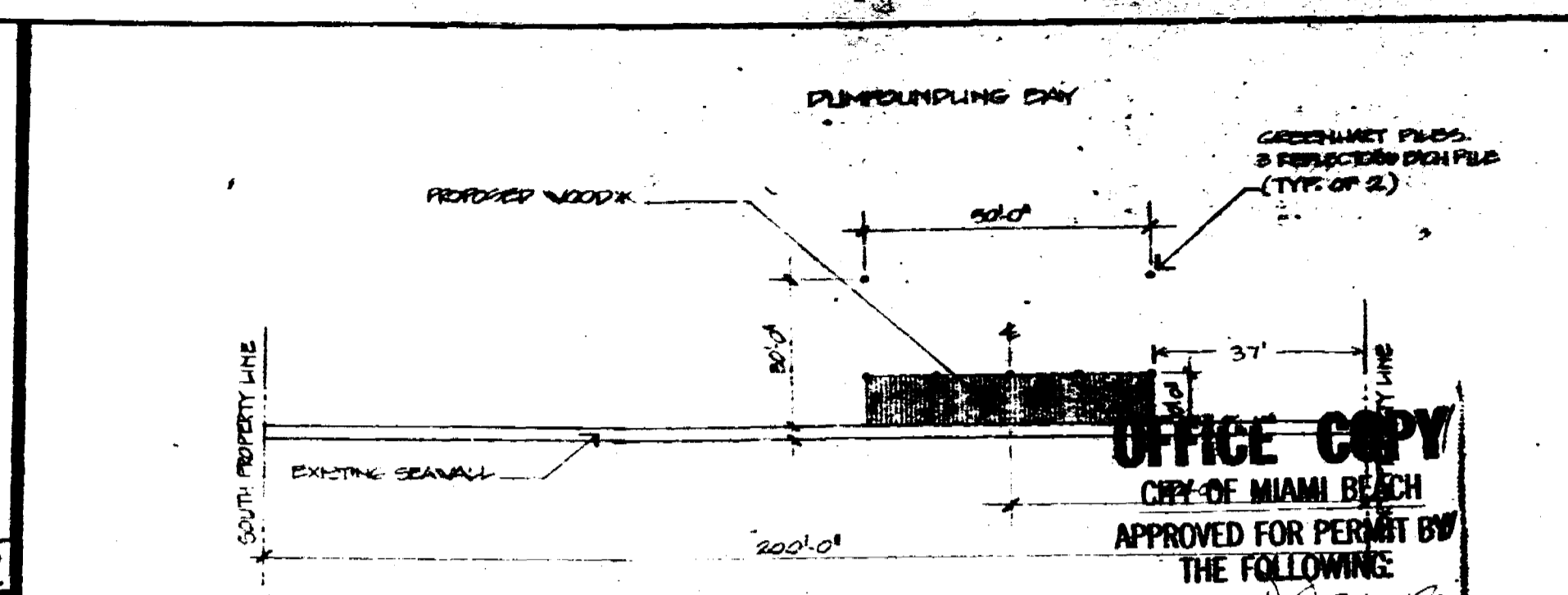
DETAIL 6



DETAIL 7



DETAIL 8



LOCATION MAP

NOTES

- N/A.1. PILING SHALL BE OF ORDINARY OR PRESTRESSED PRECAST CONCRETE HAVING SQUARE BUTTS AND CAST IN ACCORDANCE WITH REQUIREMENTS OF THE SOUTH FLORIDA BUILDING CODE. CAPACITY SHALL BE DETERMINED BY ENGINEERING MEN RECORD FORMULA APPLICABLE TO DRIVING EQUIPMENT USED. PILE VERTICALS SHALL BE EXTENDED 18\"/>
- N/A.2. CHAMFER GRADE BEAM ABOVE PILE TO PROVIDE STEEL COVER. FOR BID PURPOSES ONLY: ASSUME PILE LENGTH TO BE FEET.
- N/A.3. ALL STRUCTURAL STEEL SHALL BE ASTM A36. SUBMIT SHOP DRAWINGS FOR APPROVAL.
- N/A.4. ALL FIELD CONNECTIONS TO BE MADE WITH ASTM A325 BOLTS, 3/4\"/>
- N/A.5. ALL REINFORCING STEEL SHALL BE NEW BILLET STEEL CONFORMING TO ASTM A615, GRADE 60.
- N/A.6. ALL CONCRETE SHALL DEVELOP A MINIMUM OF 3000 P.S.I. COMPRESSIVE STRENGTH IN 28 DAYS.
- N/A.7. MINIMUM COVER FOR REINFORCING STEEL UNLESS OTHERWISE NOTED SHALL BE:

A. CONCRETE DEPOSITED AGAINST THE GROUND	3"
B. WALLS EXPOSED TO THE WEATHER OR IN CONTACT WITH THE GROUND	2"
C. WALLS NOT EXPOSED TO THE WEATHER OR IN CONTACT WITH THE GROUND	2"
D. BEAMS (OVER MAIN REINFORCING)	3/4"
E. SLAB ON GRADE	2"
F. COLUMNS	2"
G. STRUCTURAL SLABS	3/4"
8. TIMBER SHALL BE NO. 2 SOUTHERN PINE, SURFACED DRY, USED AT 15% MAX. M.C., PRESSURE TREATED, WITH THE FOLLOWING STRESS RATINGS (OR RATED EQUIVALENTS):

FB (SINGLE MEMBERS)	1,200 P.S.I.
FB (REPETITIVE MEMBERS)	1,400 P.S.I.
FV	90 P.S.I.
FC (PERPENDICULAR TO GRAIN)	850 P.S.I.
E	1,600,000 P.S.I.
9. ALL TIMBER PILES SHALL BE SQUARE WITH 12\"/>
10. METAL STRAPS, CLIPS AND HARDWARE SHALL BE GALVANIZED TREATED HOT DIPPED.
11. DOCK DESIGNED FOR SUPERIMPOSED LIVE LOAD OF 50 P.S.F.

APPROVED FOR PERMIT

DOCK & MARINE CONSTRUCTION CORPORATION

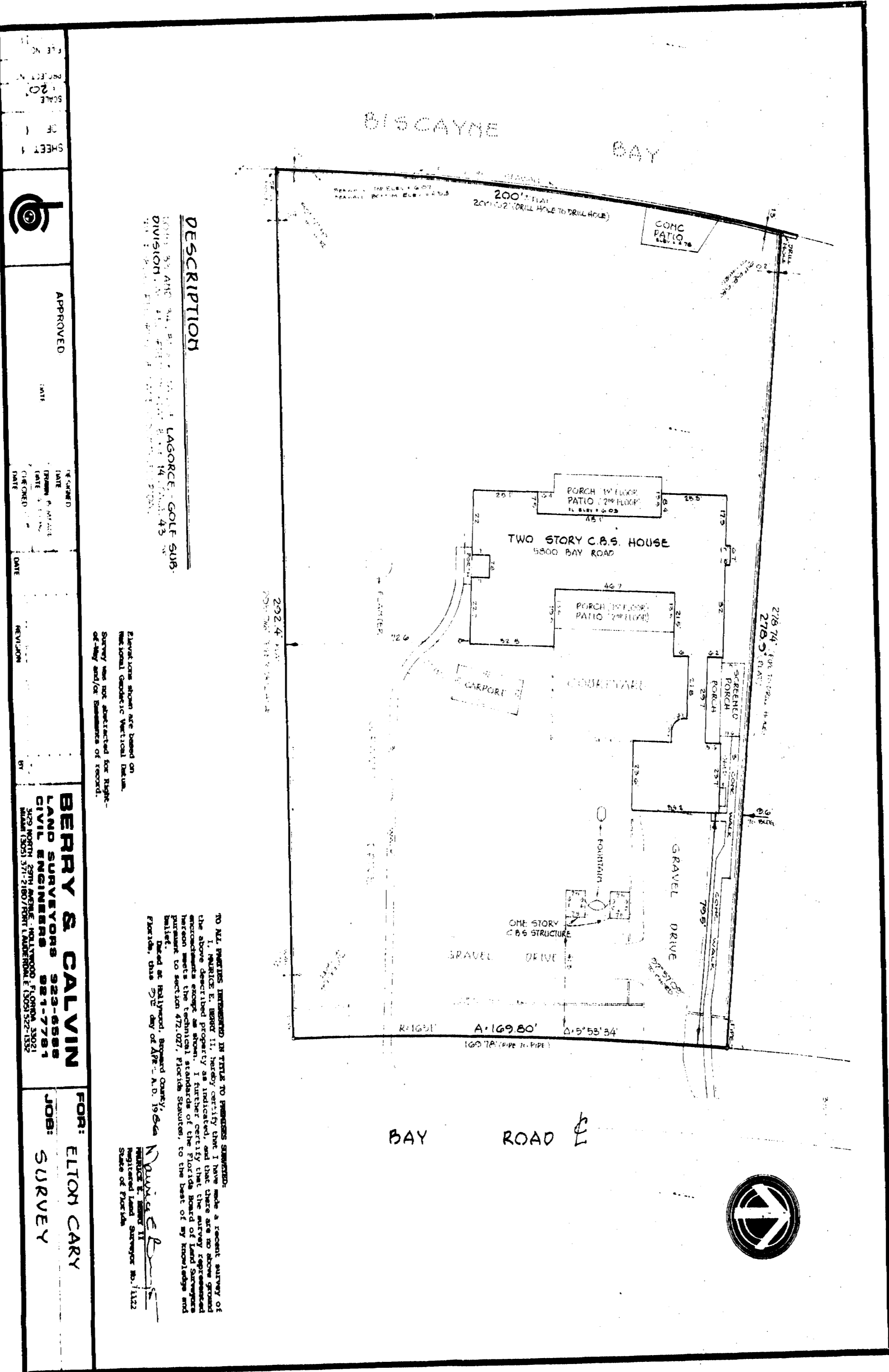
MARK	REVISION DESCRIPTION	DATE

DAVIS ENGINEERS P.A.
780 TAMMAM CANAL ROAD
MIAMI, FLORIDA 33144
(305) 266-2566

MR. DON BRANOW
5800 NORTH MIAMI ROAD
MIAMI BEACH, FLORIDA

JOB # GDM15 DATE MAY 21/86

91823



DESCRIPTION
 LAGOON GOLF SUB.
 DIVISION 511, SECTION 14, TOWNSHIP 45

Dimensions shown are based on
 National Geodetic Vertical Datum.
 Survey was set, constructed for Right-
 of-Way and/or easements of record.

TO ALL PARTIES INTERESTED IN TITLE TO BUSINESS PREMISES:
 I, NANCIE E. BERRY II, hereby certify that there are no shown ground
 or other interests of record which affect the above described
 premises except as shown. I further certify that the survey represented
 herein meets the technical standards of the State of Florida
 pursuant to section 92.027, Florida Statutes. To the best of my knowledge and
 belief, this survey was made in accordance with the laws of the State
 of Florida, this 2nd day of April, A.D. 1974.
 NANCIE E. BERRY II
 Registered Professional Land Surveyor No. 11122
 State of Florida

SHEET 1		APPROVED	
DATE: 1974	DATE: 1974	DATE: 1974	DATE: 1974
BY: [Signature]	BY: [Signature]	BY: [Signature]	BY: [Signature]
BERRY & CALVIN LAND SURVEYORS 323-6588 1100 NORTH 25TH AVENUE, WILMINGTON, FLORIDA 33591 PHONE (205) 571-2180/571-1488/571-3322		FOR: ELTON CARY JOB: SURVEY	

918123

91824

91824

91823

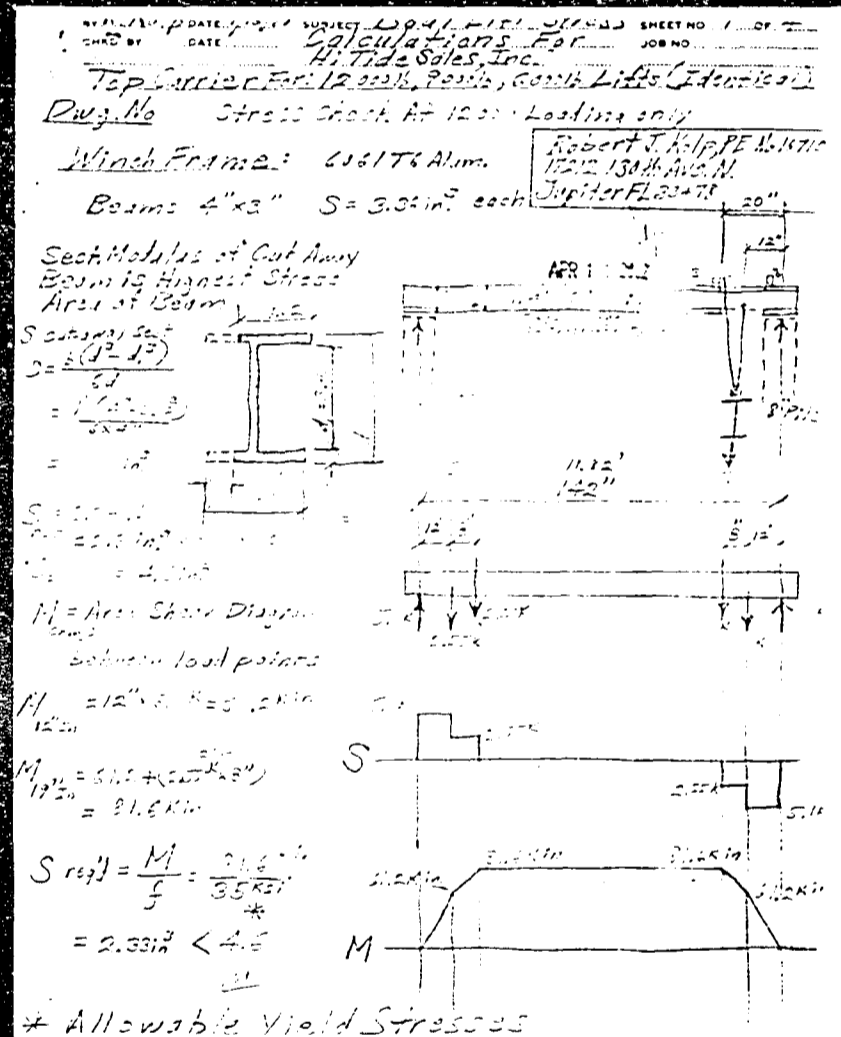
PERMIT #

B0203234

43

CITY OF MIAMI BEACH
Building Work Permit
Receipt of Payment
6/29/2002
APPROVED
SPECIAL INSPECTOR
4/22/02
RV 0400

CITY OF MIAMI BEACH
BUILDING DEPARTMENT
APPENDIX 11
SPECIAL INSPECTOR
ATTENTION: Building Official
This office will be responsible to the Building Official of the City of Miami Beach for the inspection of the structural elements of the building...



43

CHD BY: DATE: Calculating For JOB NO: 1
W. T. DeSole
By Yield Stress Method: For 12,000 lb. 9,000 lb. #6 cable

Breaking Strength $\frac{1}{2}$ SS Cable = 12,000 lb. = 5.44 K
 Load "P" = $\frac{12,000 \text{ lb.} \times 1.7}{4 \text{ Pulleys}} = 5.1 \text{ K}$

Cable Stress = $\frac{5.1 \text{ K}}{2 \text{ pulleys}} = 2.55 \text{ K}$

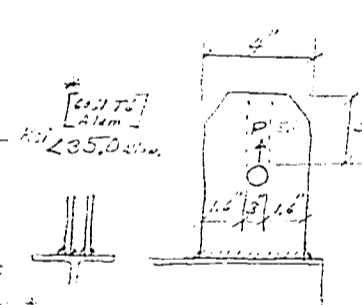
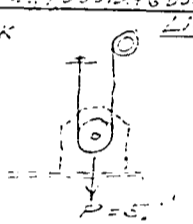
F.S. = $\frac{5.44}{2.55} = 2.13 \times 1.7 = 4.3$

Dwg. # 1
 Shear $\frac{1}{2}$ E: $f_s = \frac{P}{3 \times \frac{1}{2} \times 4 \text{ Pulleys}} = \frac{5.1 \text{ K}}{6} = 850 \text{ psi}$

Tension $\frac{1}{2}$ E: $f_t = \frac{5.1 \text{ K}}{16 \times \frac{1}{2} \times 4 \text{ Pulleys}} = 157 \text{ psi} < 350$
 $f_t \text{ at Weld} = \frac{5.1 \text{ K}}{4 \times \frac{1}{2} \times 2 \text{ Pulleys}} = 255 \text{ psi} < 200$

Bearing $\frac{1}{2}$ E: $f_b (Alu.) = 56 \text{ ksi}$
 $f_b \text{ ext.} = \frac{5.1 \text{ K}}{.75 \text{ in.} \times \frac{1}{2} \times 2 \text{ Pulleys}} = 6800 \text{ psi} = 6.8 \text{ ksi} < 56.0$

* Allowable (Yield) Stresses Are From Aluminum Assoc. Manual Sect.



BY DATE PROJECT SURVEYED SHEET NO. 1
 CHD BY DATE 1/11/02 17212 Ave N, Jupiter, FL 33478
 Identical For 1200lb, 900lb, 600lb Lights

Dwg. No. Welds: Using No. 4043 Alloy wire
 f_y (allow) = 12 Ksi thru throat

f_y (act) = $\frac{5.1K}{\frac{1}{4} \times 2} = 10.2$ Ksi < 12

Dwg. No. SS Bolt 3/4 Dia.
 f_y (allow) = 56 Ksi

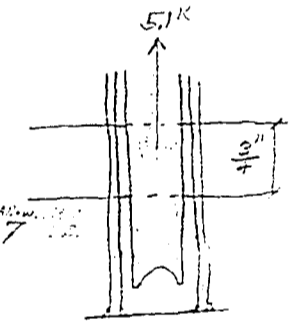
f_y (act) = $\frac{5.1K}{\frac{3}{4} \times 2} = 6.8$ Ksi < 56

Pulley: 6061-T6 Alum.
 Check Bearing Bolt on Alum.
 f_y (allow) = 56 Ksi

f_y (act) = $\frac{5.1K}{\frac{3}{4} \times 2} = 6.8$ Ksi < 56

Robert J. Kulp, PE No. 16710
 17212 138th Ave N, Jupiter, FL 33478
 Pulley is 3/4" thick

* Allowable Yield Stresses



MIAMI-DADE COUNTY, FLORIDA

BERM
 ENVIRONMENTAL RESOURCE MANAGEMENT

Richard McConachie, Chief
 City of Miami Beach
 Building Department
 1700 Convention Center Drive
 Miami Beach, FL 33139

RE: Class I Permit C090376, Yacht Verrines - Boatlift - Located at 5800 N. Bay Road, Miami Beach, Miami Dade County Florida

Dear Mr. McConachie:

Please find attached the Class I Permit for the above referenced work issued on January 14, 2002 and expired on January 14, 2002. Review of Department records indicates that the Department has not yet conducted a final inspection of the subject work. Since a final inspection has not yet been conducted and the Class I permit has expired, we are unable to provide a preliminary approval on the plans dated May 3, 2002. The Department will conduct a final inspection in the coming weeks and provided the work has been conducted in accordance with the Class I Permit, the file will be closed. However, based on the available information on the file, there are no outstanding permitting issues at the property at this time.

If you have any additional questions concerning this matter, please contact me at 305-372-0878.

Sincerely,
 Mark A. Messer, F.R.S.
 Coastal Resources Section

CC: Southern Marine Construction, Inc.

MIAMI-DADE COUNTY
 DEPARTMENT OF ENVIRONMENTAL RESOURCES MANAGEMENT
 NATURAL RESOURCES SECTION

AGREEMENT
 AND
 CLASSIFICATION CONSENT TO PERMIT

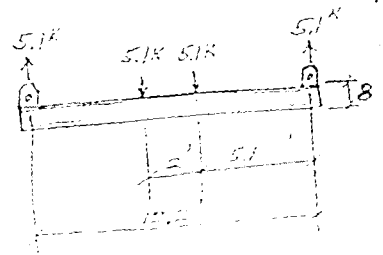
YACHT VERRINES LTD. - YACHTWALK BOAT ELEVATORS

Mark A. Messer, F.R.S.
 Miami Beach, FL 33139
 ENVIRONMENTAL

MIAMI-DADE COUNTY
 DATE ISSUED 1/14/02
 EXPIRATION DATE 1/14/02

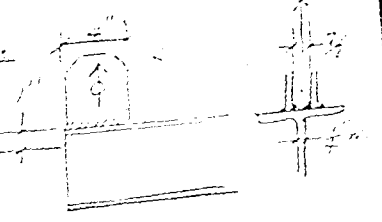
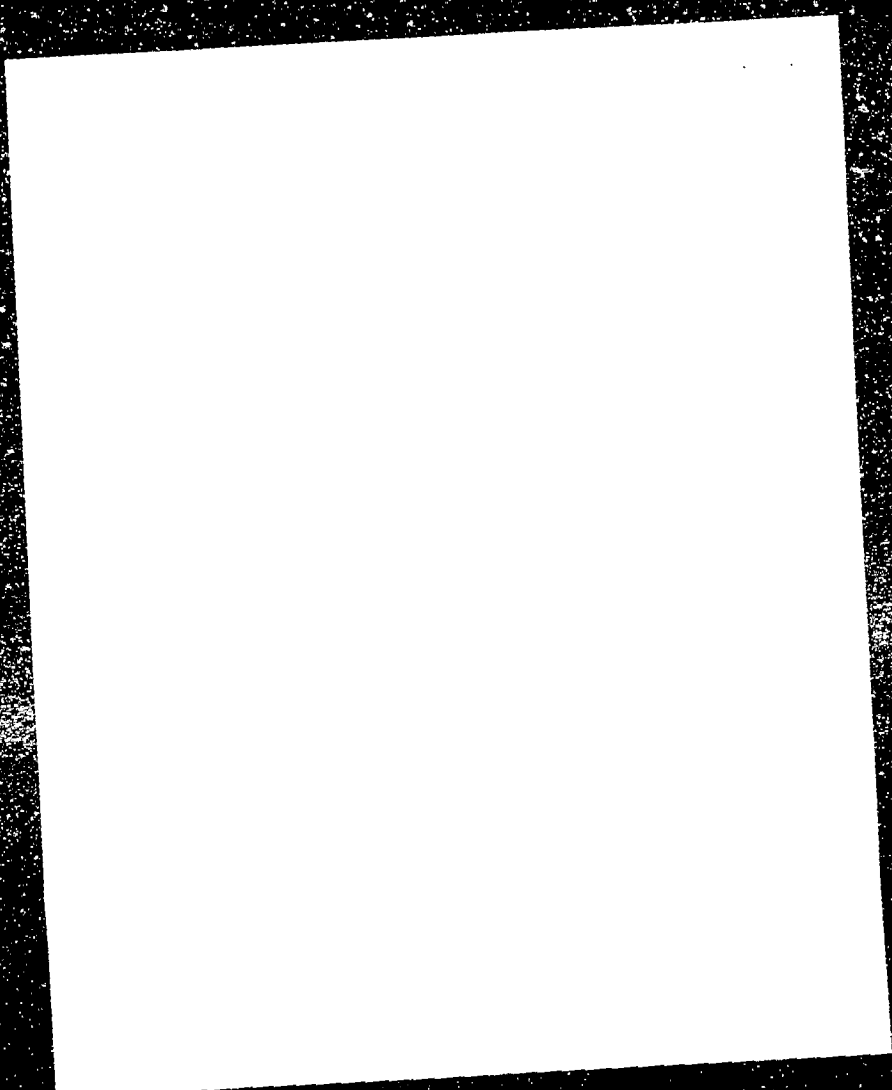
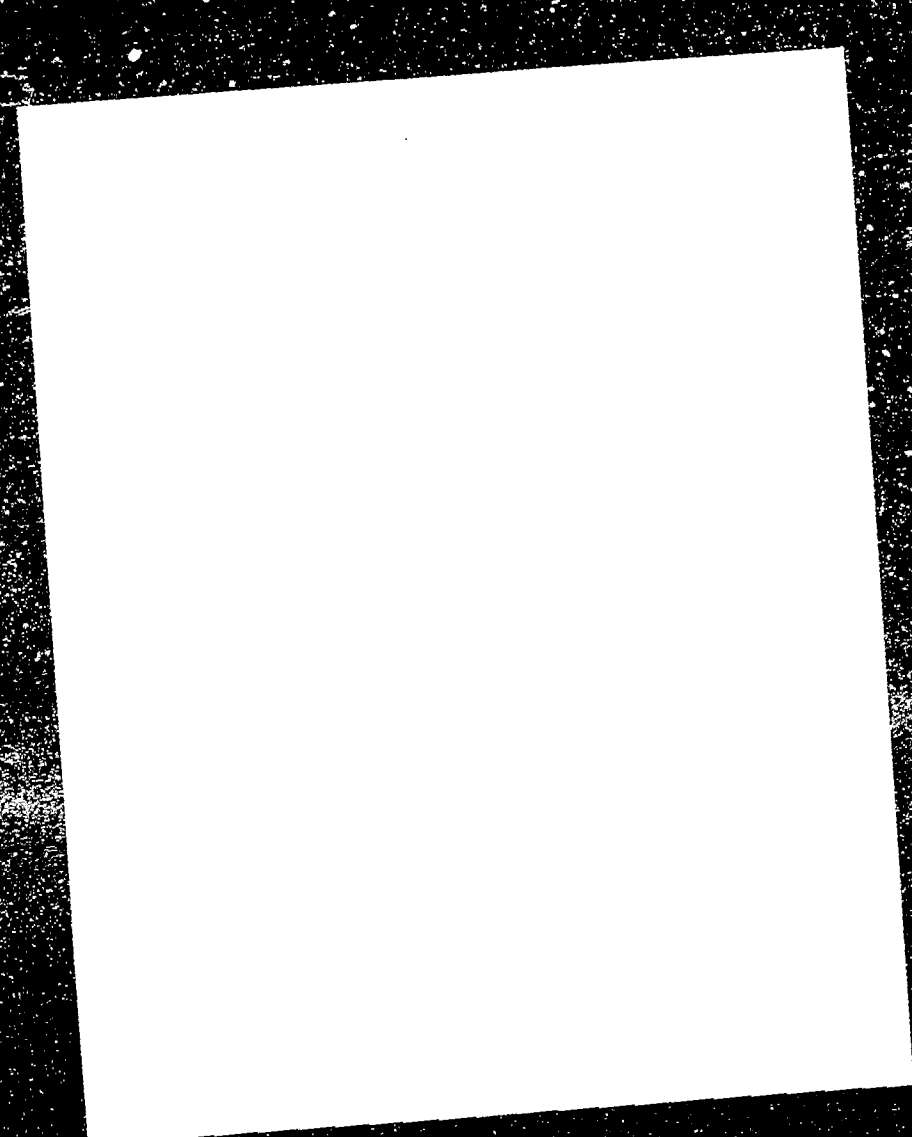
R. Kelpone 1/15/19 Basst Lift Stress SHEET NO. 2 of 2
 Calculations
 H. J. L. Machine, Inc.
 For: 12,000 lb Lift @ 9000 ft lift
 Stress Check For 12000 lb lift

Lifter Beam - Flexure
 Beam - Aluminum 6061-T3
 2" x 5" angle S = 16.7 in³
 E = 10,000,000 psi
 Not Critical loading is with
 Dist. of 2" at beam as shown



$M = 51K \cdot 17.5 = 892.5 K \cdot in$
 $\Delta = \frac{M \cdot L^3}{48 \cdot E \cdot I} = \frac{892.5 \cdot (35)^3}{48 \cdot 10,000,000 \cdot 16.7} = 19 \text{ in} < 35$

Beam Web (1/4" diameter)
 = (bearing) = 20ksi tensile strength
 $\frac{51K}{7} = 7.28K < 20$

AGREEMENT FOR COASTAL CONSTRUCTION
MIAMI-DADE COUNTY
DEPARTMENT OF ENVIRONMENTAL RESOURCES MANAGEMENT-DEIRM
NATURAL RESOURCES DIVISION

This permit is issued under Florida law, and no other state or federal law shall apply to the construction of any structure on the site of this permit.

1. Permit Fee: \$1,000.00 (one thousand dollars) non-refundable.

2. Permit Term: This permit shall remain in effect until the expiration date of the permit.

3. Permit Conditions: The permittee shall comply with all conditions of this permit.

Project Name	Address
1. <u>Project Name:</u>	12345 SW 1st St
2. <u>Project Address:</u>	12345 SW 1st St
3. <u>Project Description:</u>	Construction of a new building

4. Permit Fee: \$1,000.00 (one thousand dollars) non-refundable.

5. Permit Term: This permit shall remain in effect until the expiration date of the permit.

6. Permit Conditions: The permittee shall comply with all conditions of this permit.

7. Permit Fee: \$1,000.00 (one thousand dollars) non-refundable.

8. Permit Term: This permit shall remain in effect until the expiration date of the permit.

9. Permit Conditions: The permittee shall comply with all conditions of this permit.

10. Permit Fee: \$1,000.00 (one thousand dollars) non-refundable.

11. Permit Term: This permit shall remain in effect until the expiration date of the permit.

12. Permit Conditions: The permittee shall comply with all conditions of this permit.

13. Permit Fee: \$1,000.00 (one thousand dollars) non-refundable.

14. Permit Term: This permit shall remain in effect until the expiration date of the permit.

15. Permit Conditions: The permittee shall comply with all conditions of this permit.

16. Permit Fee: \$1,000.00 (one thousand dollars) non-refundable.

17. Permit Term: This permit shall remain in effect until the expiration date of the permit.

18. Permit Conditions: The permittee shall comply with all conditions of this permit.

19. Permit Fee: \$1,000.00 (one thousand dollars) non-refundable.

20. Permit Term: This permit shall remain in effect until the expiration date of the permit.

21. Permit Conditions: The permittee shall comply with all conditions of this permit.

22. Permit Fee: \$1,000.00 (one thousand dollars) non-refundable.

23. Permit Term: This permit shall remain in effect until the expiration date of the permit.

24. Permit Conditions: The permittee shall comply with all conditions of this permit.

25. Permit Fee: \$1,000.00 (one thousand dollars) non-refundable.

SPECIFIC CONDITIONS

1. The permittee shall comply with all conditions of this permit.

2. The permittee shall comply with all conditions of this permit.

3. The permittee shall comply with all conditions of this permit.

4. The permittee shall comply with all conditions of this permit.

5. The permittee shall comply with all conditions of this permit.

6. The permittee shall comply with all conditions of this permit.

7. The permittee shall comply with all conditions of this permit.

8. The permittee shall comply with all conditions of this permit.

9. The permittee shall comply with all conditions of this permit.

10. The permittee shall comply with all conditions of this permit.

11. The permittee shall comply with all conditions of this permit.

12. The permittee shall comply with all conditions of this permit.

13. The permittee shall comply with all conditions of this permit.

14. The permittee shall comply with all conditions of this permit.

15. The permittee shall comply with all conditions of this permit.

16. The permittee shall comply with all conditions of this permit.

17. The permittee shall comply with all conditions of this permit.

18. The permittee shall comply with all conditions of this permit.

19. The permittee shall comply with all conditions of this permit.

20. The permittee shall comply with all conditions of this permit.

21. The permittee shall comply with all conditions of this permit.

22. The permittee shall comply with all conditions of this permit.

23. The permittee shall comply with all conditions of this permit.

24. The permittee shall comply with all conditions of this permit.

25. The permittee shall comply with all conditions of this permit.

26. The permittee shall comply with all conditions of this permit.

I HAVE READ ALL THE FOREMENTIONED "SPECIFIC CONDITIONS" LISTED ABOVE IN THIS PERMIT AND I FULLY UNDERSTAND THEM. I AGREE TO FULLY COMPLY WITH ALL CONDITIONS OF THIS PERMIT. I UNDERSTAND AND ACKNOWLEDGE THAT I WILL BE RESPONSIBLE FOR THE PROTECTION AND MAINTENANCE OF THE PERMIT AREA AND THAT I WILL BE RESPONSIBLE FOR THE PROTECTION AND MAINTENANCE OF THE PERMIT AREA AND THAT I WILL BE RESPONSIBLE FOR THE PROTECTION AND MAINTENANCE OF THE PERMIT AREA.

I HEREBY ACKNOWLEDGE THAT I AM FULLY RESPONSIBLE FOR THE PROTECTION AND MAINTENANCE OF THE PERMIT AREA AND THAT I WILL BE RESPONSIBLE FOR THE PROTECTION AND MAINTENANCE OF THE PERMIT AREA AND THAT I WILL BE RESPONSIBLE FOR THE PROTECTION AND MAINTENANCE OF THE PERMIT AREA.

[Signature]
Date: _____



Applicable Code	Estimated Cost	Permit Amount
1.000	\$10,000.00	N/A
2.000		N/A

Final Work Certificates
 At the discretion of the Director, a pre-work conference may be held prior to the issuance of any work under this permit between the Permittee, the Contractor and the Director, and enforcement of DERM together with any property owners or other persons whose interests may be affected by the work.

- Additional Plans may be required by DERM within 10 days of completion of the permit.
- Work shall not be done until all of the following agencies have been notified:
- 1. South Florida Water Management District
 - 2. Miami-Dade County Public Works Department or its employees
 - 3. Miami-Dade County Department of Planning & Development
 - 4. State of Florida Department of Environmental Protection
 - 5. U.S. Army Corps of Engineers
 - 6. Miami Beach

Notwithstanding to CE&E Region

NOTICE: THE ISSUANCE OF THIS PERMIT DOES NOT RELIEVE THE PERMITTEE AND CONTRACTOR FROM OBTAINING ALL REQUIRED FEDERAL, STATE AND LOCAL PERMITS.

WHERE THE CONTRACTOR IS A CORPORATION:
 SOUTHERN MARINE CONSTRUCTION, INC.
 P.O. Box 21492
 Miami Beach, FL 33141-0194

WHERE THE CONTRACTOR IS AN INDIVIDUAL OR PARTNERSHIP:
 Name: _____
 Title: _____
 BY: _____
 DATE: _____
 (APPLY CORPORATE SEAL)

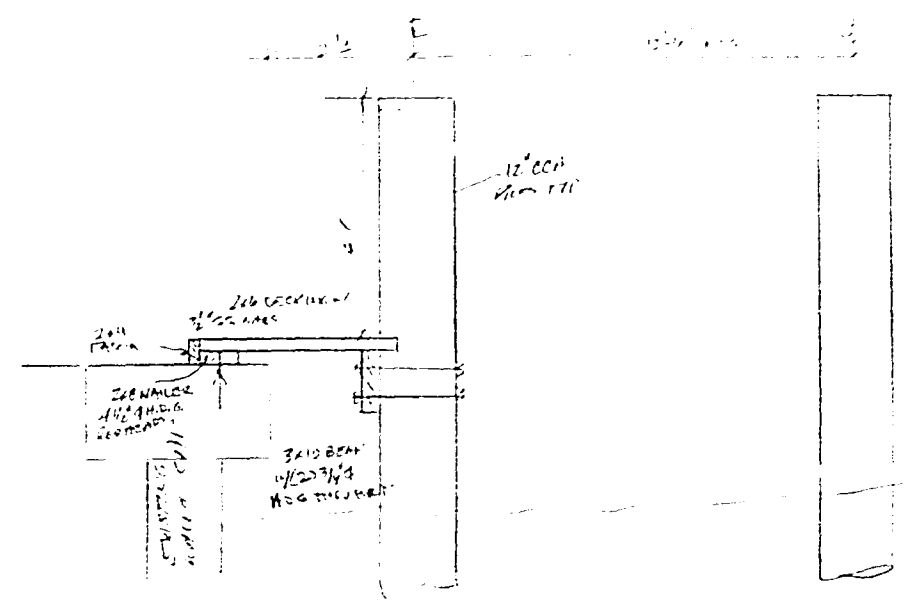
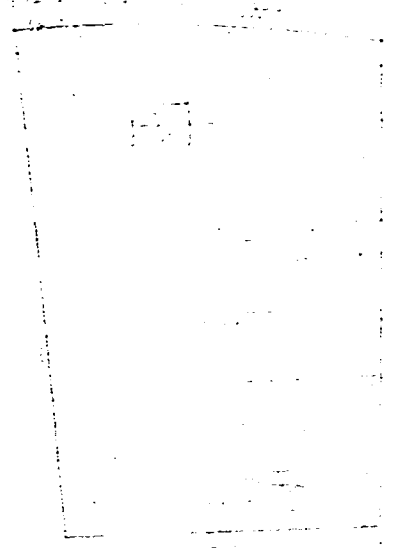
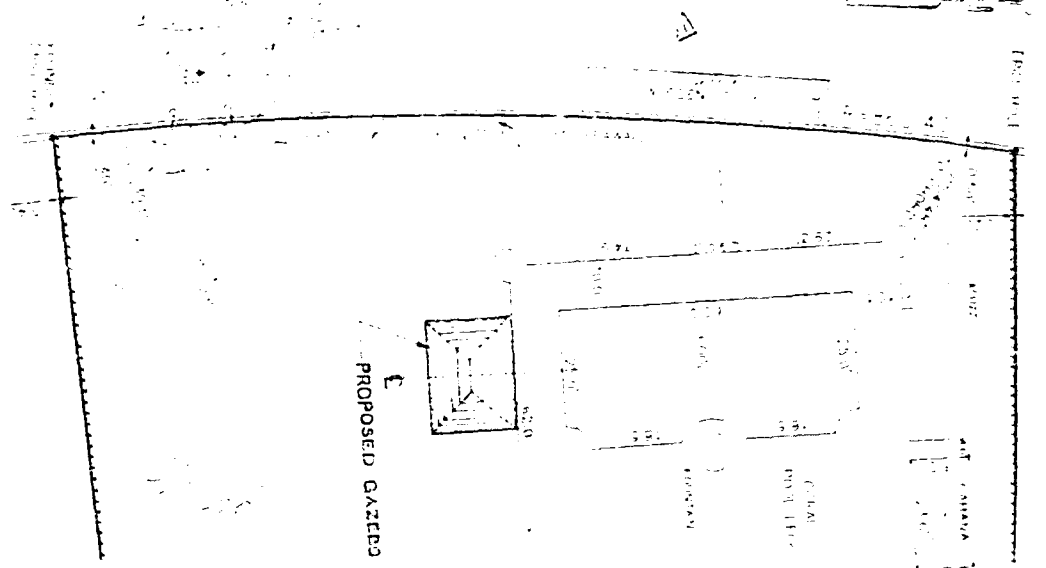
WHERE THE PERMITTEE IS AN INDIVIDUAL:
 Name: _____
 Title: _____
 BY: _____
 DATE: _____

WHERE THE PERMITTEE IS A CORPORATION:
 Name: _____
 Title: _____
 BY: _____
 DATE: _____
 (APPLY CORPORATE SEAL)

DEPARTMENT OF ENVIRONMENTAL RESOURCES MANAGEMENT
 Date: 1/14/00
 By: [Signature]
 Title: Director

NOTICE: THE ISSUANCE OF THIS PERMIT DOES NOT RELIEVE THE PERMITTEE AND CONTRACTOR FROM OBTAINING ALL REQUIRED FEDERAL, STATE AND LOCAL PERMITS.

BISCAYNE BAY



GENERAL NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FLORIDA BUILDING CODE AND ALL APPLICABLE LOCAL ORDINANCES.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

3. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE LOCAL BUILDING DEPARTMENT.

4. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.

5. ALL UTILITIES SHALL BE LOCATED AND PROTECTED PRIOR TO CONSTRUCTION.

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES.

7. ALL FOUNDATION WORK SHALL BE DONE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE.

8. THE CONTRACTOR SHALL MAINTAIN PROPER DRAINAGE AND EROSION CONTROL MEASURES THROUGHOUT THE PROJECT.

9. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.

10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY INSURANCE COVERAGE.

FOR PERMIT BY

[Signature]

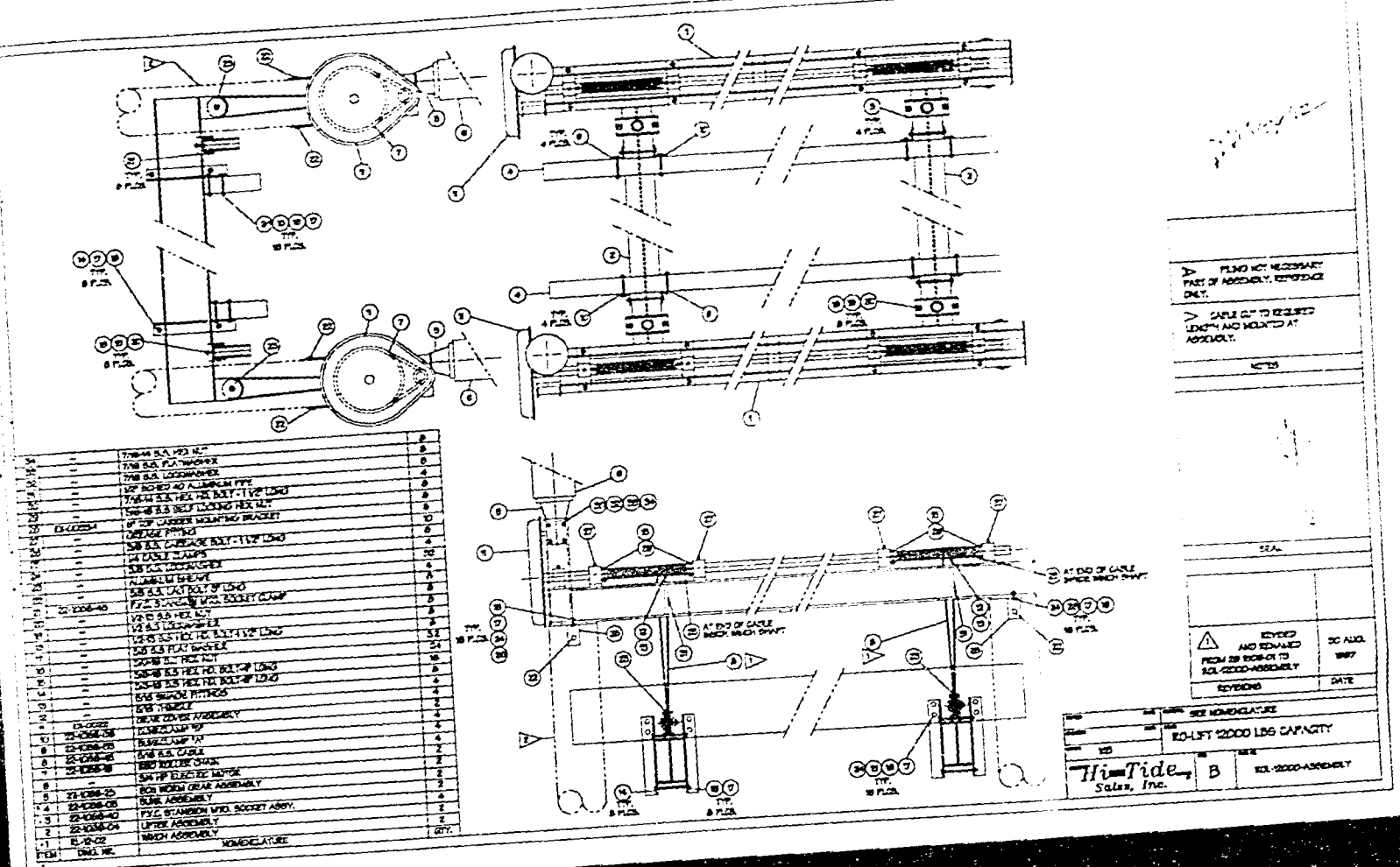
ATTEST:

[Signature]

As per Florida Building Code Section 104.5.3
REVIEWED FOR CODE COMPLIANCE

PROJECT NO.	DATE
DESCRIPTION	SCALE
DESIGNED BY	CHECKED BY
DATE	DATE

TRACY CONSULTANTS INC.
 4660 SW 128th Ave., Ft. Lauderdale, FL 33330-2302



BO203234
5800 N BAY RD

43

PERMIT #

B0204191

24

CITY OF MIAMI BEACH
Miami Beach, Florida 33139
Receipt of Payment

Building Work Permit

08-16-2002
Receipt
Date Issued: 07/16/2002
Date Expired: 08/06/2002
Expiry Period: 02/02/2003
Expiry By: BUH WELER
Site Address: 5800 N BAY RD MIAMI BEACH
Parcel #: 2215080079
Balance Due: \$0.00
Valuation: \$10,000.00
Applicant: NAYACU INC
1605 NW 118 ST
MIAMI FL 33186
305-299-7494
Owner: VENTURA ENTERPRISES LIMITED
2 N BISCAYNE BLVD #1000
MIAMI BEACH FL 33139

Description: MASONRY REPAIRS
Payments made for this receipt:
Current Payment Made in the Following Items:

Account Summary for Fees and Payments:

Item	Description	Amount
1	PERMIT FEE	100.00
2	INSURANCE FEE	50.00
3	PLANNING FEE	25.00
4	REVIEW FEE	25.00
5	INSPECTION FEE	25.00
6	RECORDING FEE	25.00
7	STAMPING FEE	25.00
8	POSTING FEE	25.00
9	TRAVEL FEE	25.00
10	OTHER FEE	25.00
11	TOTAL	300.00

STRUCTURAL DESIGN FOR THE EXISTING FENCE HEIGHT EXTENSION
AT 5800 NORTH BAY ROAD, MIAMI BEACH

RELEASED

Prepared for

Nayaco Construction, Inc.

OFFICE COPY
MIAMI BEACH

Prepared by

Jose A. Barrera, P.E.
1940 NW 37th Terrace
Miami, FL 33165

July 20, 2002

Project Name: Design hight extension of wall fence.

Location: 5800 North Bay Road, Miami Beach
By Jose Barrera, P.E.
Start Date: 08/03/2002
Comments:

Local Information

Wind Dir. Exposure

1	D
2	D
3	D
4	D

Basic Wind Speed 146 mph

Topography: None

Optional Factors

This project uses load combinations from ASCE 7.

Section - Main Section

Enclosure Classification: Partially Enclosed
Building Category: II

Wall Length(ft) Overhang(ft)

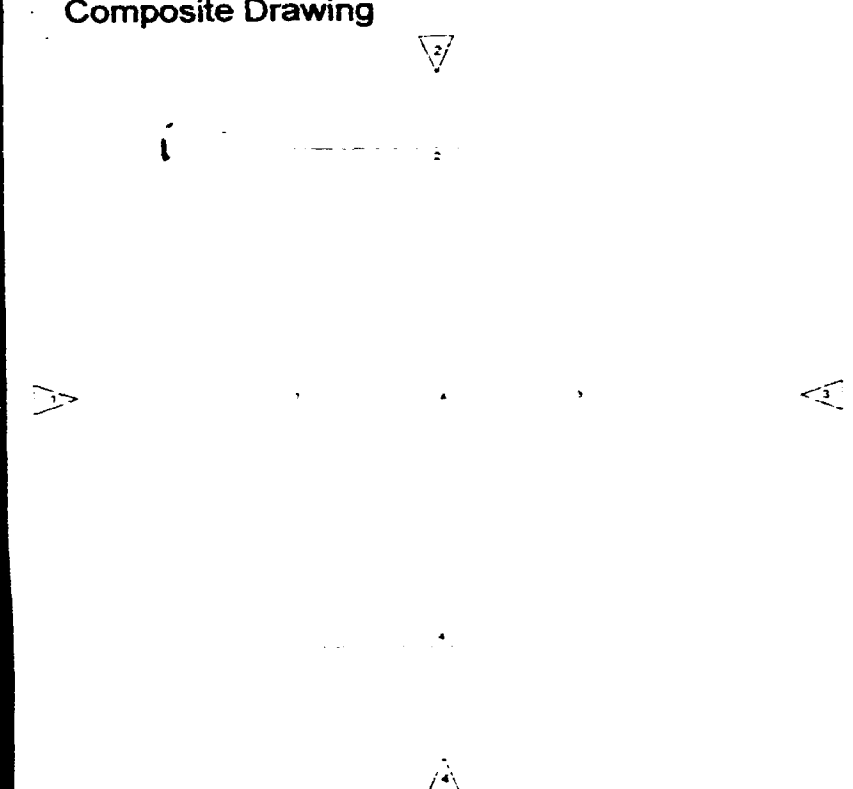
1	292.0	0.0
2	152.0	0.0
3	292.0	0.0
4	152.0	0.0

Wall Height: 7 ft

Parapet Height: 0 ft

Roof Shape: Flat

Composite Drawing



24

Components and Cladding Input

Component Description	Wall/Roof	Surface Label	Zone	Span (ft)	Effective Wind Area (sq ft)	Area (sq ft)
Wall Fence	Wall	1	Act	7.0	2.3	16.3
Wall Fence	Wall	2	(AB)	7.0	2.3	16.3

Components and Cladding Output

Component Description	Surface	Zone	z/m	z/gust	GCp	GCs	Ed Pressure (psf)	Net w (+GCp, -GCs) (psf)	Net w - GCp (psf)
Wall Fence	1	4	7.0	47.8	0.87	0.55	41.6	10.5	67.9
			7.0	47.8	0.98		45.9	22.2	19.6
			7.0	47.8	0.87		41.6	18.7	83.0
Wall Fence	2	4	7.0	47.8	1.19		56.9	-48.2	30.9
			7.0	47.8	0.87	0.55	41.6	18.3	47.9
			7.0	47.8	0.98		45.9	22.2	19.6
		7.0	47.8	0.87		41.6	18.3	87.9	
		7.0	47.8	1.19		56.9	-33.2	50.0	

MWFRS Net Pressures

This data was generated as part of the wind tunnel study.

Wind Direction	Surface	z/m	z/gust	Ce	GCp	Ed Pressure (psf)	Net w (+GCp, -GCs) (psf)	Net w - GCp (psf)
Windward Wall	1	4	7.0	0.84	0.80	32.1	5.8	16.4
			7.0	0.84	0.80	32.1	5.8	16.4
			7.0	0.84	0.80	32.1	5.8	16.4
			7.0	0.84	0.80	32.1	5.8	16.4
Side Wall	2	4	7.0	0.84	0.80	32.1	5.8	16.4
			7.0	0.84	0.80	32.1	5.8	16.4
			7.0	0.84	0.80	32.1	5.8	16.4
			7.0	0.84	0.80	32.1	5.8	16.4
Leeward Wall	3	4	7.0	0.84	0.80	32.1	5.8	16.4
			7.0	0.84	0.80	32.1	5.8	16.4
			7.0	0.84	0.80	32.1	5.8	16.4
			7.0	0.84	0.80	32.1	5.8	16.4
Roof	4	4	7.0	0.84	0.80	32.1	5.8	16.4
			7.0	0.84	0.80	32.1	5.8	16.4
			7.0	0.84	0.80	32.1	5.8	16.4
			7.0	0.84	0.80	32.1	5.8	16.4

Design hight extension of waii fence
MWFRS Net Pressures

August 3, 2002

This data was calculated using the Building of all heights method

Surface	Z (m)	Q (kN/m ²)	C _e	C _s	C _{pe}	C _{pi}	W _e (kN/m ²)	W _i (kN/m ²)	Net W (kN/m ²)	GCP (kPa)
Windward Wall	47.8	2.27	0.70	0.85	0.70	0.70	1.59	0.00	1.59	2.8
Side Wall	47.8	2.27	0.85	0.85	0.85	0.85	1.93	0.00	1.93	2.8
Leeward Wall	47.8	2.27	0.85	0.85	0.85	0.85	1.93	0.00	1.93	2.8

Design hight extension of waii fence.
MWFRS Net Pressures

August 3, 2002

This data was calculated using the Building of all heights method

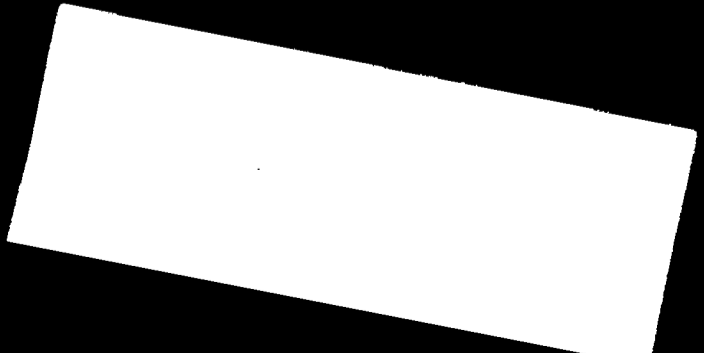
Surface	Z (m)	Q (kN/m ²)	C _e	C _s	C _{pe}	C _{pi}	W _e (kN/m ²)	W _i (kN/m ²)	Net W (kN/m ²)	GCP (kPa)
Windward Wall	47.8	2.27	0.70	0.85	0.70	0.70	1.59	0.00	1.59	2.8
Side Wall	47.8	2.27	0.85	0.85	0.85	0.85	1.93	0.00	1.93	2.8
Leeward Wall	47.8	2.27	0.85	0.85	0.85	0.85	1.93	0.00	1.93	2.8

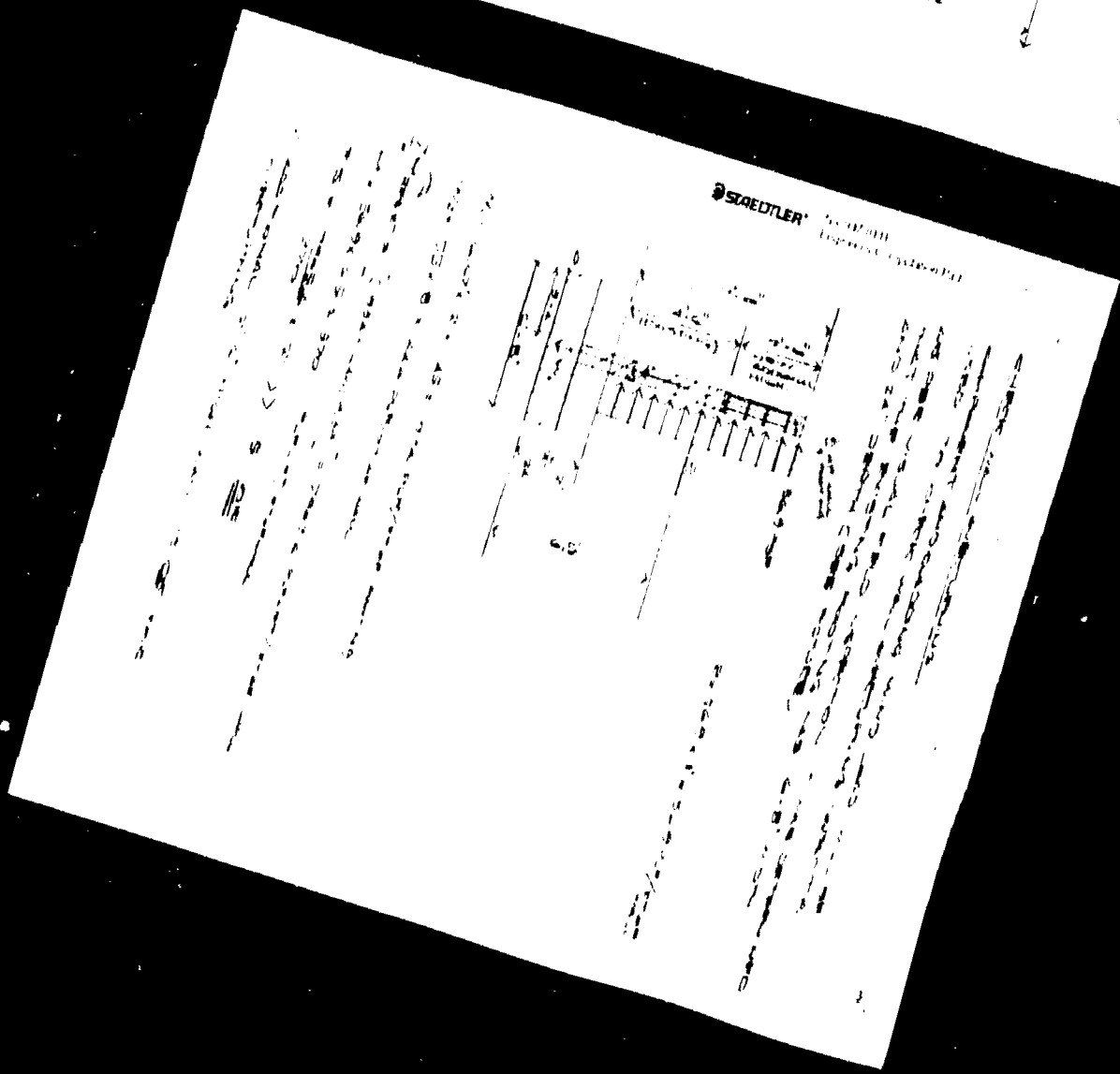
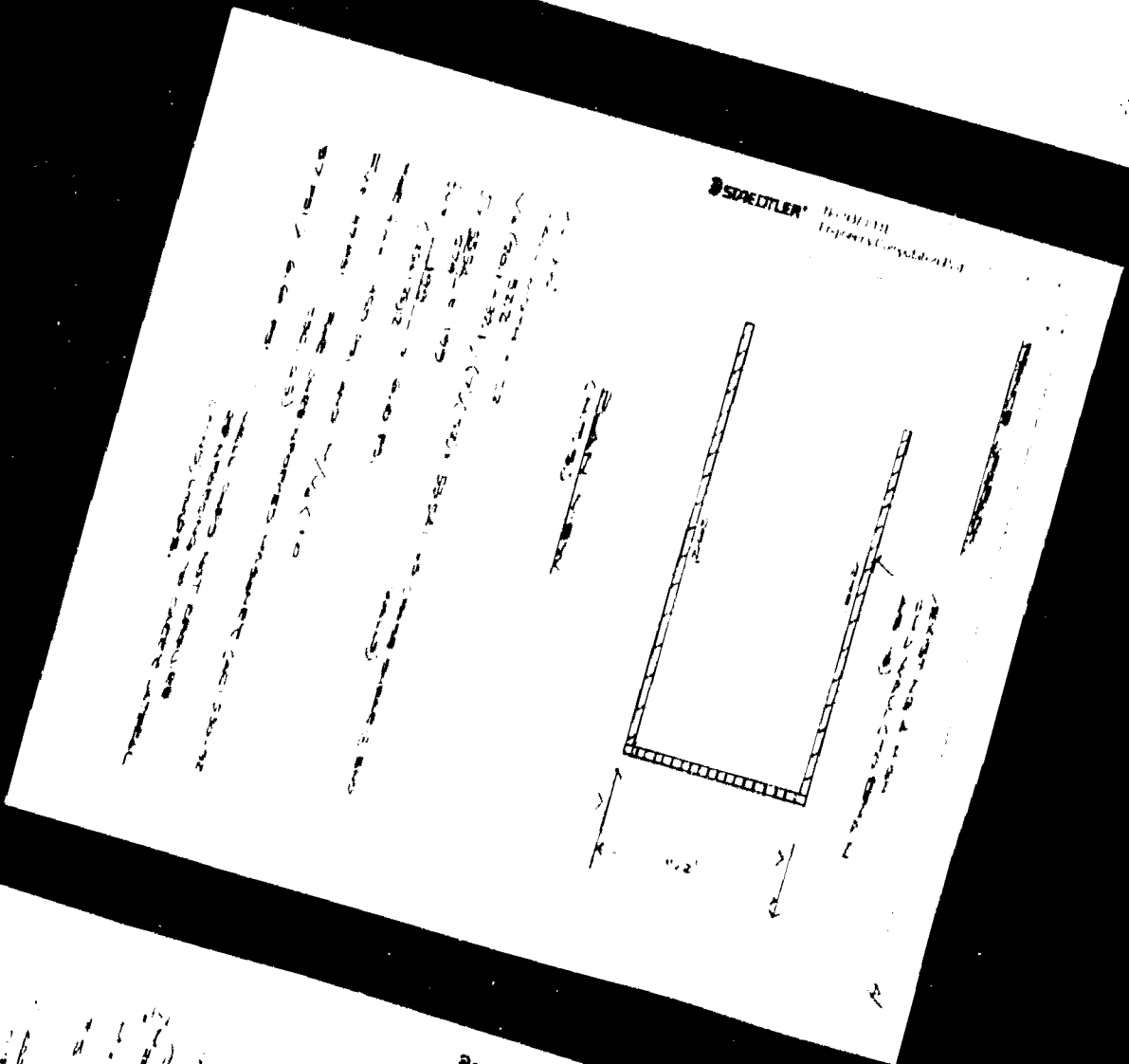
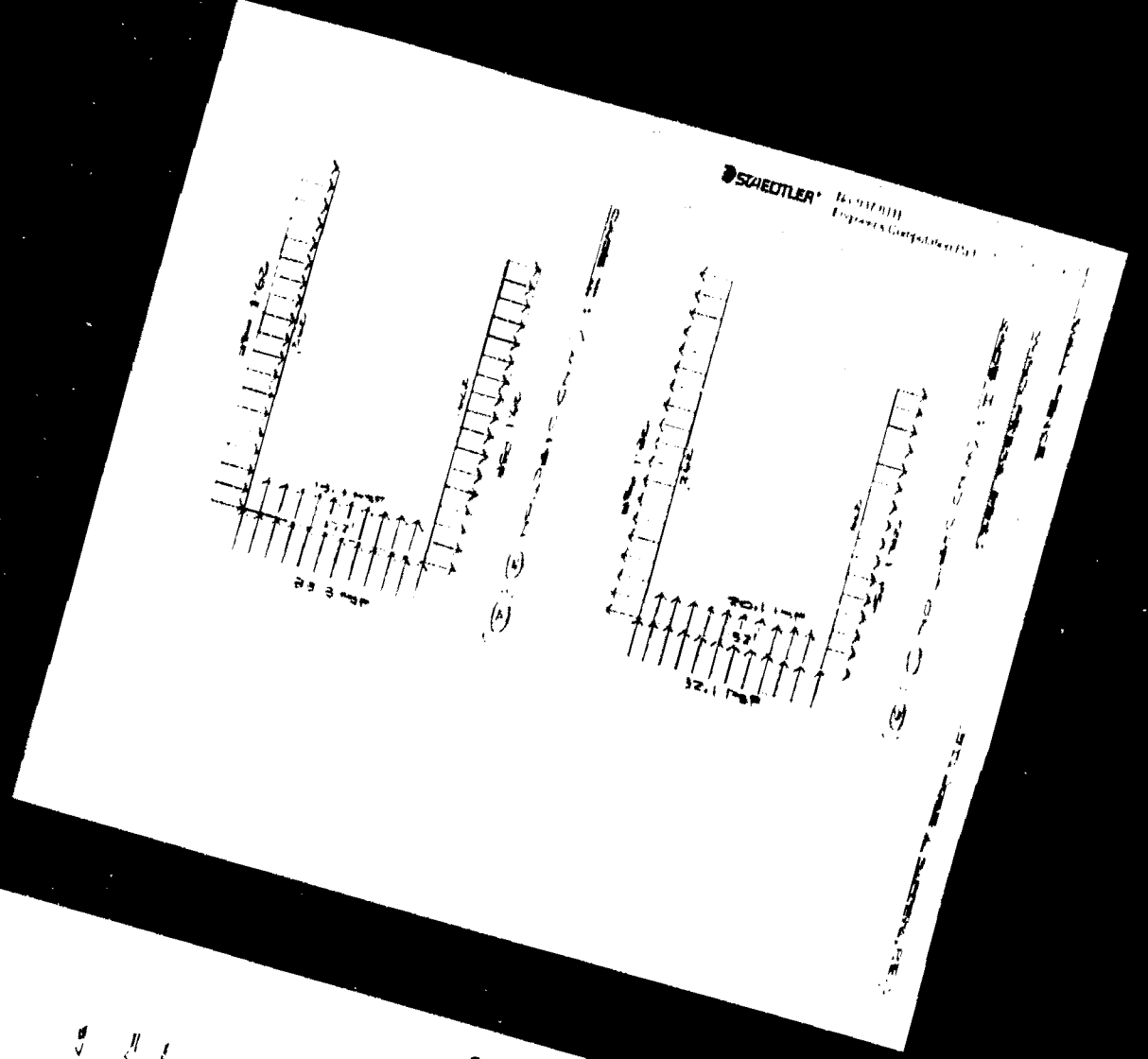
Design hight extension of waii fence.
MWFRS Net Pressures

August 3, 2002

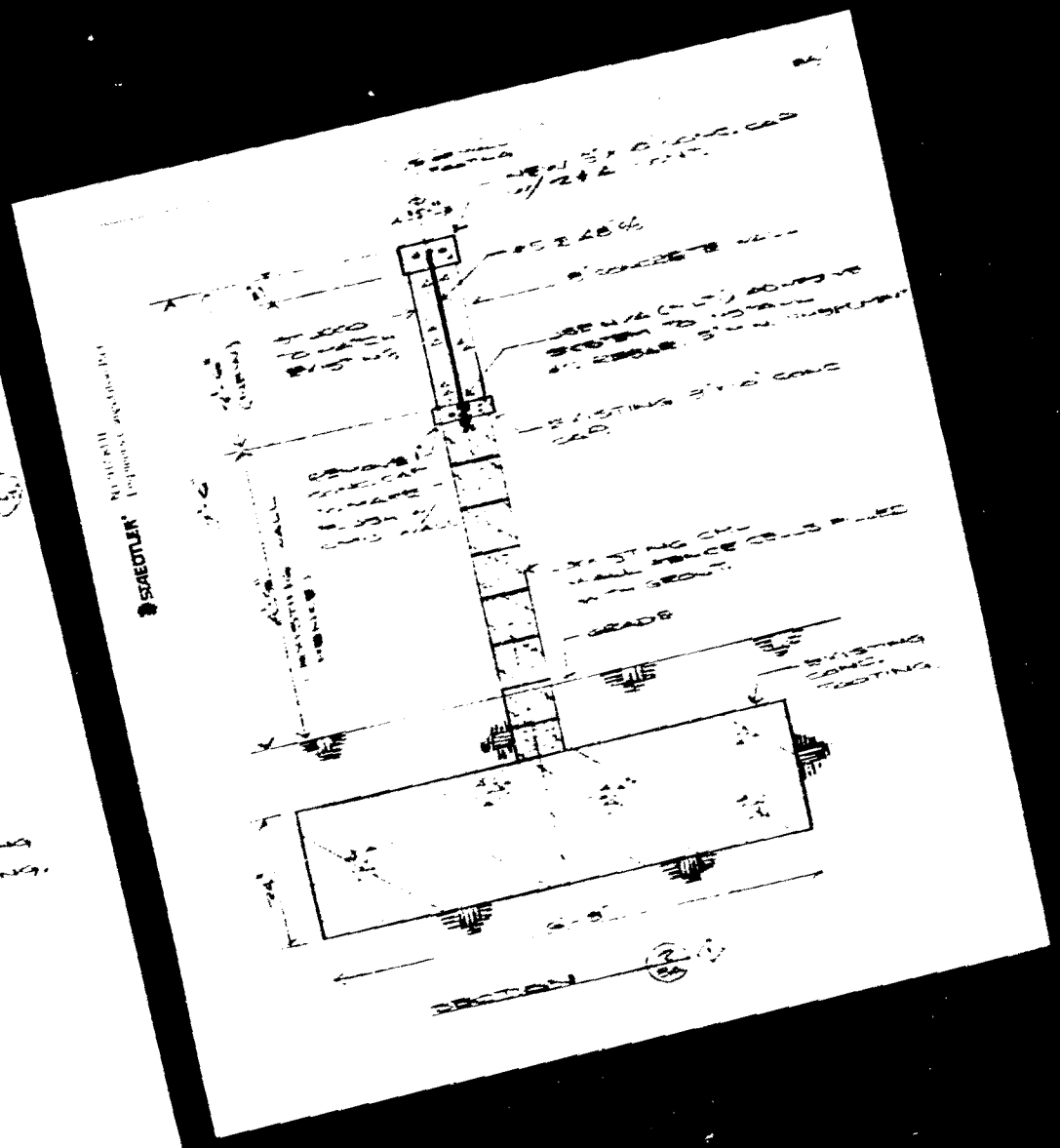
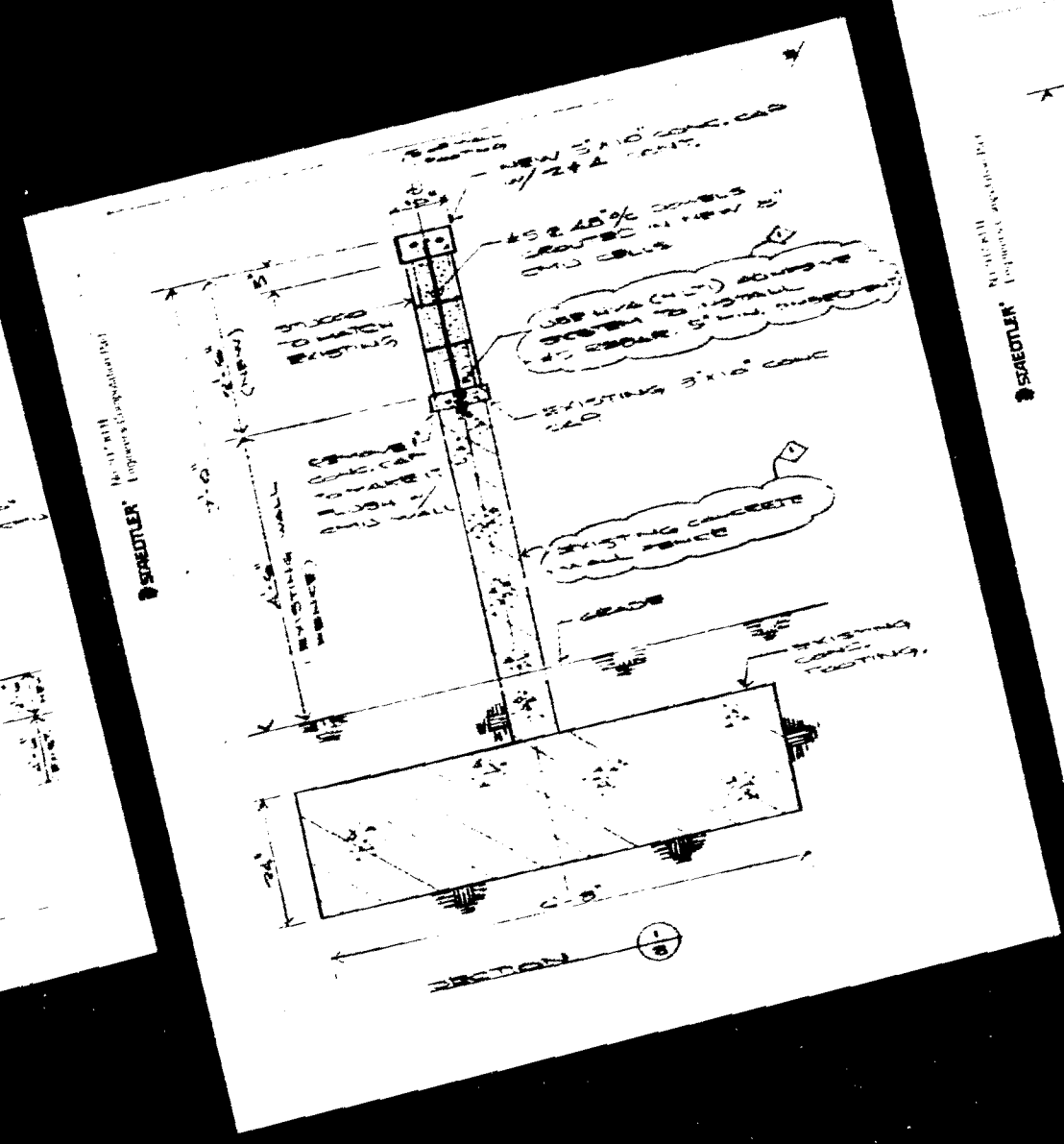
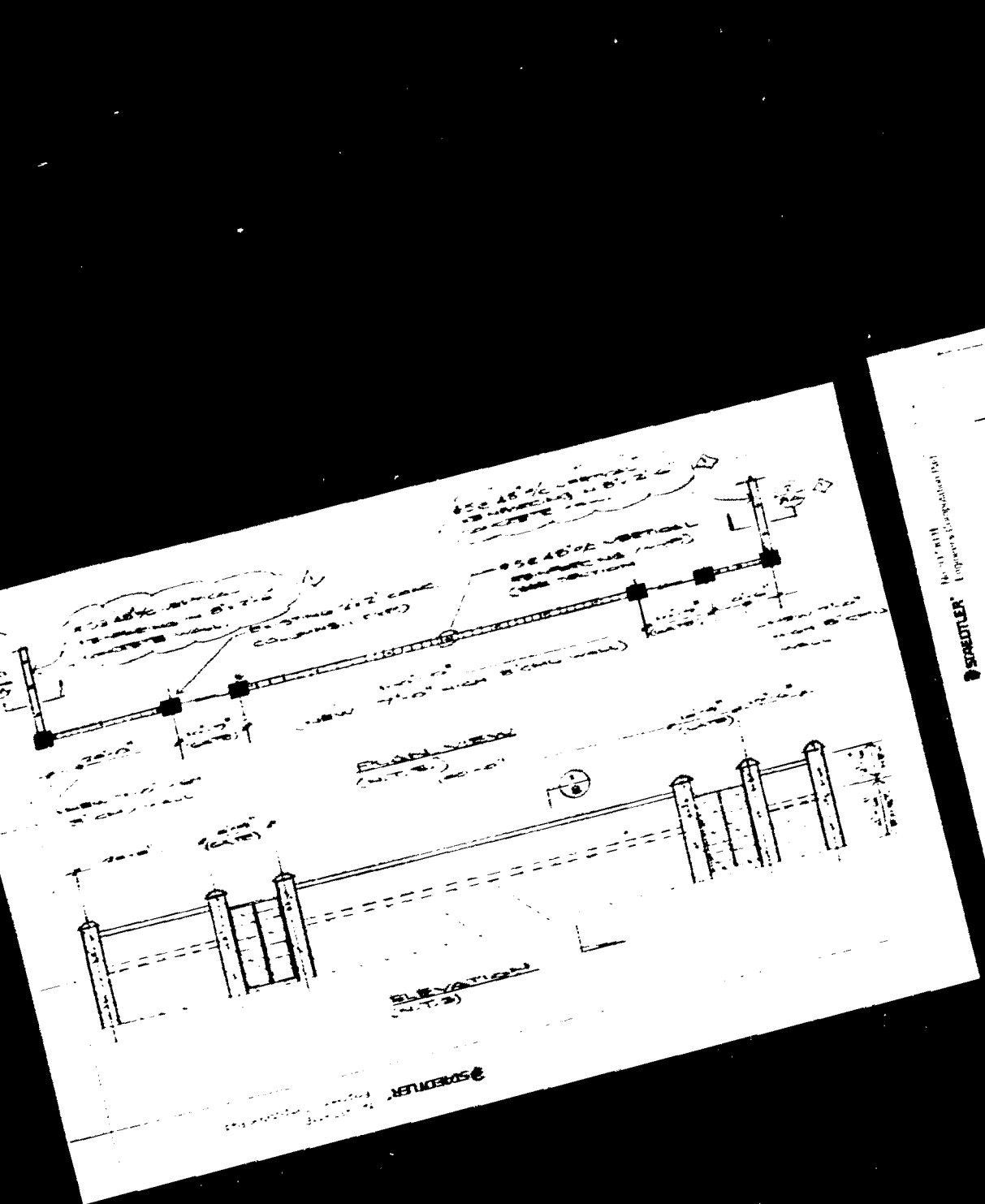
This data was calculated using the Building of all heights method

Surface	Z (m)	Q (kN/m ²)	C _e	C _s	C _{pe}	C _{pi}	W _e (kN/m ²)	W _i (kN/m ²)	Net W (kN/m ²)	GCP (kPa)
Windward Wall	47.8	2.27	0.70	0.85	0.70	0.70	1.59	0.00	1.59	2.8
Side Wall	47.8	2.27	0.85	0.85	0.85	0.85	1.93	0.00	1.93	2.8
Leeward Wall	47.8	2.27	0.85	0.85	0.85	0.85	1.93	0.00	1.93	2.8





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SCOPE OF WORK

- 1. Remove 1" at each side of the existing 1 1/2" x 3/4" concrete cap to make it flush with the existing 4" concrete fence
- 2. Drill Sies as indicated on Section 1.8 to install HVA Adhesive System (HVA Systems) and 1/2" diameter x 48" long. Follow Manufacture's recommendations.
- 3. Clean area thoroughly with a low pressure water jet
- 4. Install new 3" CMU as shown on Plans. Concrete block units shall be ASTM C90 Grade N and Type II not exceeding 50% moisture. Mortar shall comply with the minimum requirements of ASTM C270, Type M.
- 5. Grout for reinforced masonry shall meet with the minimum requirements of ASTM C110. Maximum of 6" slump
- 6. Stucco and paint to match existing wall fence

REVISION 1 - Revisions are shown in bold letters.

**Anchoring Systems
HVA Adhesive System 4.2.1**

Influence of Anchor Spacing and Edge Distance Guidelines (See Anchoring Technology Section 4.1.2)

Anchor Spacing Adjustment Factors

Edge Distance Adjustment Factors

Load Adjustment Factors (Anchor Spacing - S)

Spacing S (in.)	Anchor Diameter (in.)	Edge Distance L (in.)	
4	3/8	2	0.45
4	3/8	3	0.55
4	3/8	4	0.65
4	3/8	5	0.70
4	3/8	6	0.72
4	3/8	8	0.75
4	3/8	10	0.76
4	3/8	12	0.76
4	3/8	15	0.75
4	3/8	20	0.70
4	3/8	24	0.65
4	1/2	2	0.55
4	1/2	3	0.65
4	1/2	4	0.75
4	1/2	5	0.80
4	1/2	6	0.82
4	1/2	8	0.85
4	1/2	10	0.86
4	1/2	12	0.86
4	1/2	15	0.85
4	1/2	20	0.78
4	1/2	24	0.70
6	3/8	2	0.40
6	3/8	3	0.48
6	3/8	4	0.55
6	3/8	5	0.58
6	3/8	6	0.60
6	3/8	8	0.62
6	3/8	10	0.63
6	3/8	12	0.63
6	3/8	15	0.62
6	3/8	20	0.55
6	3/8	24	0.50
6	1/2	2	0.50
6	1/2	3	0.60
6	1/2	4	0.70
6	1/2	5	0.75
6	1/2	6	0.78
6	1/2	8	0.80
6	1/2	10	0.81
6	1/2	12	0.81
6	1/2	15	0.80
6	1/2	20	0.70
6	1/2	24	0.60
8	3/8	2	0.35
8	3/8	3	0.42
8	3/8	4	0.48
8	3/8	5	0.51
8	3/8	6	0.53
8	3/8	8	0.55
8	3/8	10	0.56
8	3/8	12	0.56
8	3/8	15	0.55
8	3/8	20	0.48
8	3/8	24	0.45
8	1/2	2	0.45
8	1/2	3	0.55
8	1/2	4	0.65
8	1/2	5	0.70
8	1/2	6	0.72
8	1/2	8	0.75
8	1/2	10	0.76
8	1/2	12	0.76
8	1/2	15	0.75
8	1/2	20	0.65
8	1/2	24	0.55

Load Adjustment Factors (Edge Distance - L)

Edge Distance L (in.)	Anchor Diameter (in.)	Spacing S (in.)	
2	3/8	4	0.45
3	3/8	4	0.55
4	3/8	4	0.65
5	3/8	4	0.70
6	3/8	4	0.72
8	3/8	4	0.75
10	3/8	4	0.76
12	3/8	4	0.76
15	3/8	4	0.75
20	3/8	4	0.70
24	3/8	4	0.65
2	1/2	4	0.55
3	1/2	4	0.65
4	1/2	4	0.75
5	1/2	4	0.80
6	1/2	4	0.82
8	1/2	4	0.85
10	1/2	4	0.86
12	1/2	4	0.86
15	1/2	4	0.85
20	1/2	4	0.78
24	1/2	4	0.70

**Anchoring Systems
HVA Adhesive System 4.2.1**

Chemical Resistance Table

Chemical/Level	N.B. Strength	Not Resistant	Partially Resistant	Resistant
Acetic Acid	10%			
Ammonia	10%			
Aluminum Chloride	10%			
Aluminum Sulfate	10%			
Ammonium Chloride	10%			
Ammonium Nitrate	10%			
Ammonium Sulfate	10%			
Barium Chloride	10%			
Barium Hydroxide	10%			
Barium Nitrate	10%			
Barium Sulfate	10%			
Benzene	10%			
Benzene Vapor	10%			
Bromine	10%			
Butyl Acetate	10%			
Calcium Chloride	10%			
Calcium Hydroxide	10%			
Calcium Nitrate	10%			
Calcium Sulfate	10%			
Carbon Dioxide	10%			
Chloroacetic Acid	10%			
Chloroform	10%			
Chloroform Vapor	10%			
Chlorine	10%			
Chlorine Vapor	10%			
Cresols	10%			
Cresol Vapor	10%			
Dilute Hydrochloric Acid	10%			
Dilute Sulfuric Acid	10%			
Dimethylformamide	10%			
Dimethyl Sulfoxide	10%			
Ethyl Acetate	10%			
Ethylene Glycol	10%			
Ethylene Glycol Vapor	10%			
Formaldehyde	10%			
Formaldehyde Vapor	10%			
Formic Acid	10%			
Formic Acid Vapor	10%			
Fuming Sulfuric Acid	10%			
Glycerol	10%			
Hydrochloric Acid	10%			
Hydrochloric Acid Vapor	10%			
Hydrocyanic Acid	10%			
Hydrocyanic Acid Vapor	10%			
Hydrofluoric Acid	10%			
Hydrofluoric Acid Vapor	10%			
Hydrogen Peroxide	10%			
Hydroperoxide	10%			
Hydroperoxide Vapor	10%			
Hydroxylamine	10%			
Hydroxylamine Vapor	10%			
Iodic Acid	10%			
Iodic Acid Vapor	10%			
Iodine	10%			
Iodine Vapor	10%			
Isobutyl Alcohol	10%			
Isobutyl Alcohol Vapor	10%			
Isobutyric Acid	10%			
Isobutyric Acid Vapor	10%			
Isopropyl Alcohol	10%			
Isopropyl Alcohol Vapor	10%			
Isopropyl Acetate	10%			
Isopropyl Acetate Vapor	10%			
Isopropylamine	10%			
Isopropylamine Vapor	10%			
Isopropylbenzene	10%			
Isopropylbenzene Vapor	10%			
Isopropyl Nitrate	10%			
Isopropyl Nitrate Vapor	10%			
Isopropyl Sulfate	10%			
Isopropyl Sulfate Vapor	10%			
Isopropylamine Hydrochloride	10%			
Isopropylamine Hydrochloride Vapor	10%			
Isopropylamine Sulfate	10%			
Isopropylamine Sulfate Vapor	10%			
Isopropylamine Nitrate	10%			
Isopropylamine Nitrate Vapor	10%			
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Isopropylamine Sulfate Nitrate Vapor	10%			
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Isopropylamine Sulfate Nitrate Hydrochloride Sulfate Nitrate Hydrochloride Sulfate	10%			
Isopropylamine Sulfate Nitrate Hydrochloride Sulfate Nitrate Hydrochloride Sulfate Vapor	10%			

Influence of Temperature on HVA Adhesive Anchor per ASTM E-1512

Curing Time Table

Curing Time	Base Material Temperature
15 min	70°F (21°C)
30 min	60°F (16°C)
1 hr	50°F (10°C)
2 hr	40°F (4°C)
3 hr	32°F (0°C)

HVA Capsule Volume

Size	Volume (cc)
1/4"	0.015
3/8"	0.035
1/2"	0.075
3/4"	0.15
1"	0.30
1 1/4"	0.45
1 1/2"	0.60
2"	0.90
2 1/2"	1.20
3"	1.50
3 1/2"	1.80
4"	2.10
4 1/2"	2.40
5"	2.70
5 1/2"	3.00
6"	3.30
6 1/2"	3.60
7"	3.90
7 1/2"	4.20
8"	4.50
8 1/2"	4.80
9"	5.10

Influence of High Energy Radiation

Radiation Exposure	Departmental ENR	Recommendation for Use
0		Approved for use
100		Approved for use
200		Approved for use
300		Approved for use
400		Approved for use
500		Approved for use
600		Approved for use
700		Approved for use
800		Approved for use
900		Approved for use
1000		Approved for use

Anchoring Systems

HVA Adhesive System

4.2.1.1 PRODUCT DESCRIPTION

The HVA is a two-part, high modulus adhesive system for anchoring rebar and steel into concrete. It is designed for use in both new and existing structures.

- High modulus adhesive
- Clear adhesive for easy placement
- Clear edge distance allowance
- Fast curing
- Excellent performance in high temperature environments

- Excellent performance in high temperature environments
- Excellent performance in high temperature environments
- Excellent performance in high temperature environments

Trade Name: HVA

Manufacturer: Mastic

- International Conference of Building Officials (ICBO) - Evaluation Report #1036
- Southern Building Code Conference (SBCC) - Report #1036
- City of Los Angeles - Code Enforcement Department

4.2.1.2 MATERIAL SPECIFICATIONS

Material	ASTM Spec	Properties
Concrete	ASTM C33	Min. 3000 psi
Rebar	ASTM A601	Min. 60,000 psi
Steel	ASTM A36	Min. 58,000 psi

ANCHORING SYSTEMS

HVA Adhesive System

4.2.1.3 TECHNICAL DATA

HAS Rod Specification Table

HAS Rod Size (in)	1/2	3/4	1	1 1/4	1 1/2	2
Min. Embedment Depth (in)	8	10	12	15	18	24
Min. Edge Distance (in)	3	4	5	6	8	10
Min. Spacing (in)	3	4	5	6	8	10
Min. Cover (in)	2	3	4	5	6	8
Max. Temperature (°F)	200	200	200	200	200	200

HIS Insert Specification Table

HIS Insert Size (in)	1/2	3/4	1	1 1/4	1 1/2	2
Min. Embedment Depth (in)	8	10	12	15	18	24
Min. Edge Distance (in)	3	4	5	6	8	10
Min. Spacing (in)	3	4	5	6	8	10
Min. Cover (in)	2	3	4	5	6	8
Max. Temperature (°F)	200	200	200	200	200	200

Rebar Specification Table

Rebar Size	#2	#3	#4	#5	#6	#7	#8
Min. Embedment Depth (in)	8	10	12	15	18	24	30
Min. Edge Distance (in)	3	4	5	6	8	10	12
Min. Spacing (in)	3	4	5	6	8	10	12
Min. Cover (in)	2	3	4	5	6	8	10
Max. Temperature (°F)	200	200	200	200	200	200	200

Combined Shear and Tension Loading

For detailed information, refer to the HAS Product Data Sheet.

Anchoring Systems

HVA Adhesive System

4.2.1.4 INSTALLATION INSTRUCTIONS FOR HAS RODS, HIS INSERTS AND REBAR

1. Prepare the hole: Clean and dry the hole thoroughly. Remove any loose material and dust.

2. Measure and mark: Measure the required length and position of the rods, inserts, and rebar.

3. Apply adhesive: Use the HVA adhesive system to fill the hole. Apply the adhesive in a continuous, uniform manner.

4. Insert rods, inserts, or rebar: Insert the rods, inserts, or rebar into the hole immediately after the adhesive has been applied.

5. Cure: Allow the adhesive to cure for the recommended time before subjecting the structure to load.

6. Protection: Protect the cured adhesive from moisture and other environmental factors.

7. Safety: Always wear appropriate safety gear when handling the adhesive.



8. Maintenance: Regularly inspect the anchors for signs of wear or damage.

9. Record Keeping: Keep a record of all installations, including the date, location, and quantity of materials used.

Anchor Systems
HVA Adhesive System
4.2.1

HVA Allowable Bond Strength and Steel Strength for HAS Rods in Concrete

Anchor Size	Embedment Depth	Adhesive Capacity Required	HVA Ultimate Bond Strength			Steel Strength					
			2000 psi	2500 psi	3000 psi	405 DSI	405 DSI	405 DSI	405 DSI	405 DSI	405 DSI
1/4"	1.5"	200	250	300	350	100	100	100	100	100	100
	2.0"	250	300	350	100	100	100	100	100	100	100
	2.5"	300	350	400	100	100	100	100	100	100	100
3/8"	1.5"	300	350	400	100	100	100	100	100	100	100
	2.0"	350	400	450	100	100	100	100	100	100	100
	2.5"	400	450	500	100	100	100	100	100	100	100
1/2"	1.5"	400	450	500	100	100	100	100	100	100	100
	2.0"	450	500	550	100	100	100	100	100	100	100
	2.5"	500	550	600	100	100	100	100	100	100	100

Anchor Systems
HVA Adhesive System
4.2.1

HVA Ultimate Bond Strength and Steel Strength for HAS Rods in Concrete

Anchor Size	Embedment Depth	Adhesive Capacity Required	HVA Ultimate Bond Strength			Steel Strength					
			2000 psi	2500 psi	3000 psi	405 DSI	405 DSI	405 DSI	405 DSI	405 DSI	405 DSI
1/4"	1.5"	200	250	300	350	100	100	100	100	100	100
	2.0"	250	300	350	100	100	100	100	100	100	100
	2.5"	300	350	400	100	100	100	100	100	100	100
3/8"	1.5"	300	350	400	100	100	100	100	100	100	100
	2.0"	350	400	450	100	100	100	100	100	100	100
	2.5"	400	450	500	100	100	100	100	100	100	100
1/2"	1.5"	400	450	500	100	100	100	100	100	100	100
	2.0"	450	500	550	100	100	100	100	100	100	100
	2.5"	500	550	600	100	100	100	100	100	100	100

Anchor Systems
HVA Adhesive System
4.2.1

HVA Ultimate Bond Strength and Steel Strength for Rebar in Concrete

Anchor Size	Embedment Depth	Adhesive Capacity Required	HVA Ultimate Bond Strength			Steel Strength					
			2000 psi	2500 psi	3000 psi	405 DSI	405 DSI	405 DSI	405 DSI	405 DSI	405 DSI
1/4"	1.5"	200	250	300	350	100	100	100	100	100	100
	2.0"	250	300	350	100	100	100	100	100	100	100
	2.5"	300	350	400	100	100	100	100	100	100	100
3/8"	1.5"	300	350	400	100	100	100	100	100	100	100
	2.0"	350	400	450	100	100	100	100	100	100	100
	2.5"	400	450	500	100	100	100	100	100	100	100
1/2"	1.5"	400	450	500	100	100	100	100	100	100	100
	2.0"	450	500	550	100	100	100	100	100	100	100
	2.5"	500	550	600	100	100	100	100	100	100	100

STRUCTURAL DESIGN FOR THE EXISTING FENCE HEIGHT EXTENSION
AT 1000 NORTH BAY ROAD, MIAMI BEACH

Prepared for:
Varco Construction, Inc.

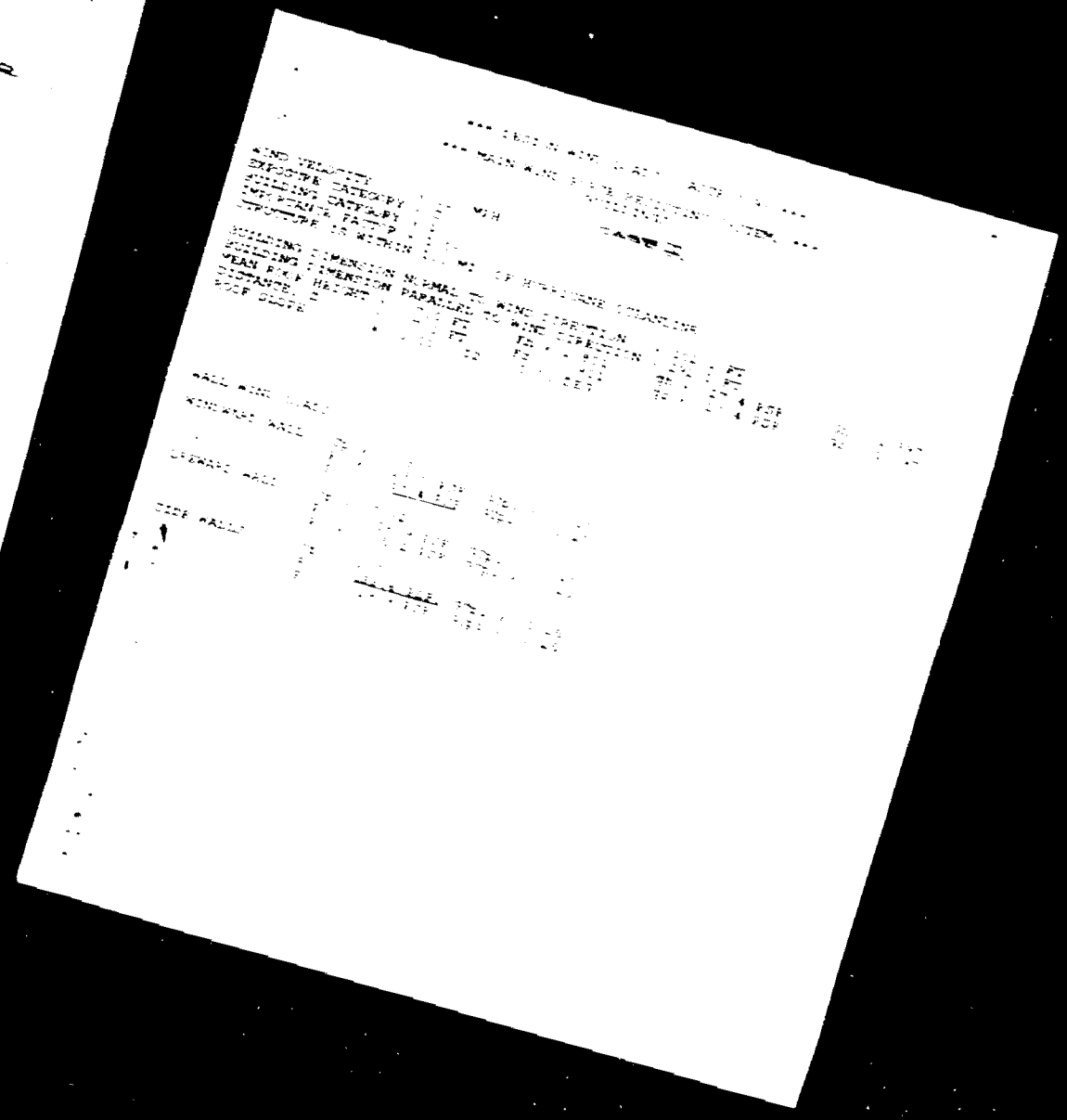
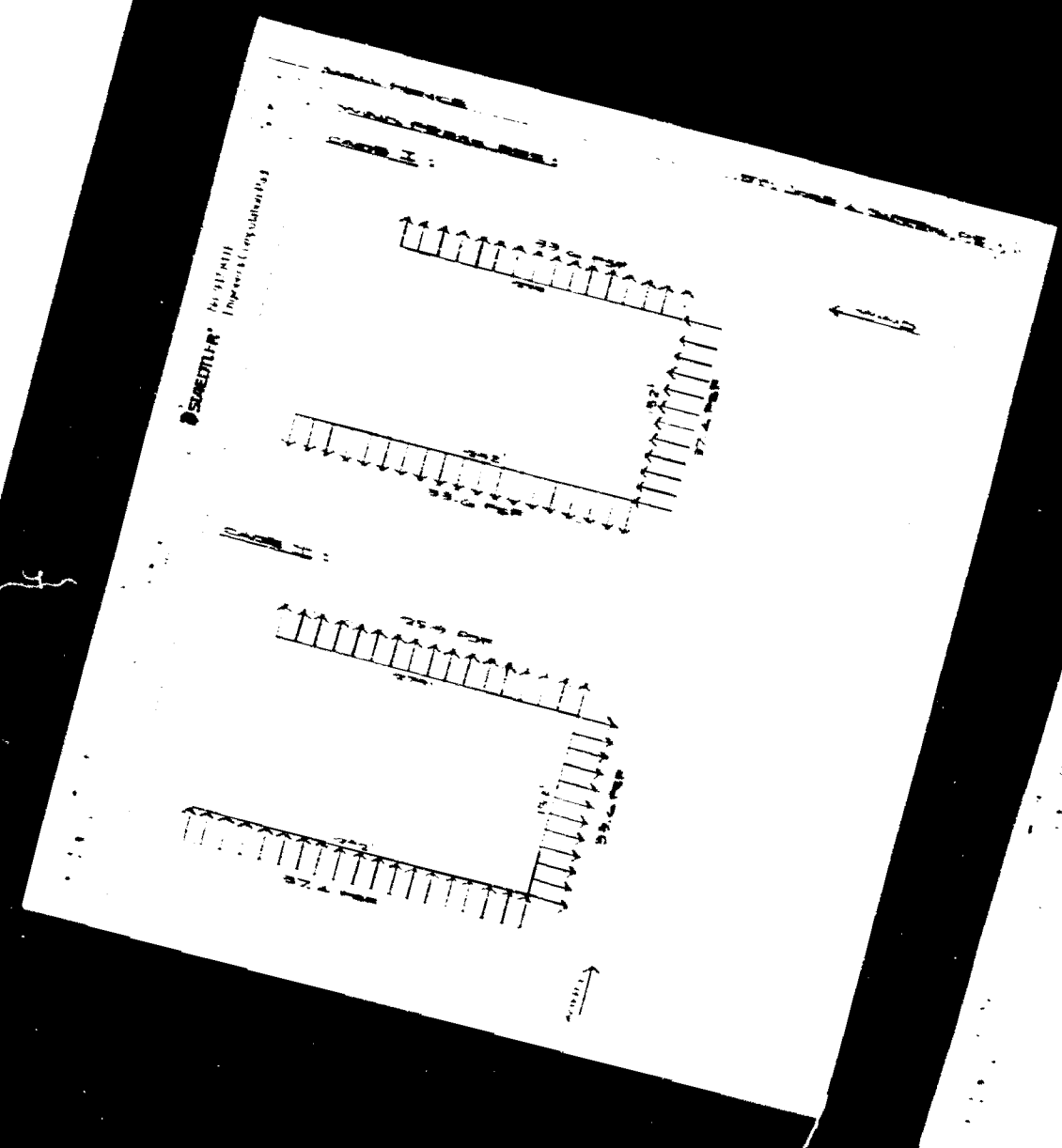
OFFICE COPY
CITY OF MIAMI BEACH

APPROVED FOR PERMIT BY
THE FOLLOWING:

- Prepared by:
- PLUMBING
 - ELECTRICAL
 - Mechanical
 - FIRE PREVENTION
 - ENGINEERING
 - PLUMBING
 - STRUCTURAL
 - ACCESSIBILITY
 - REVISION

Prepared by:
Jose A. Barrios, P.E.
Professional Engineer
Miami, FL 33135

July 7, 2002



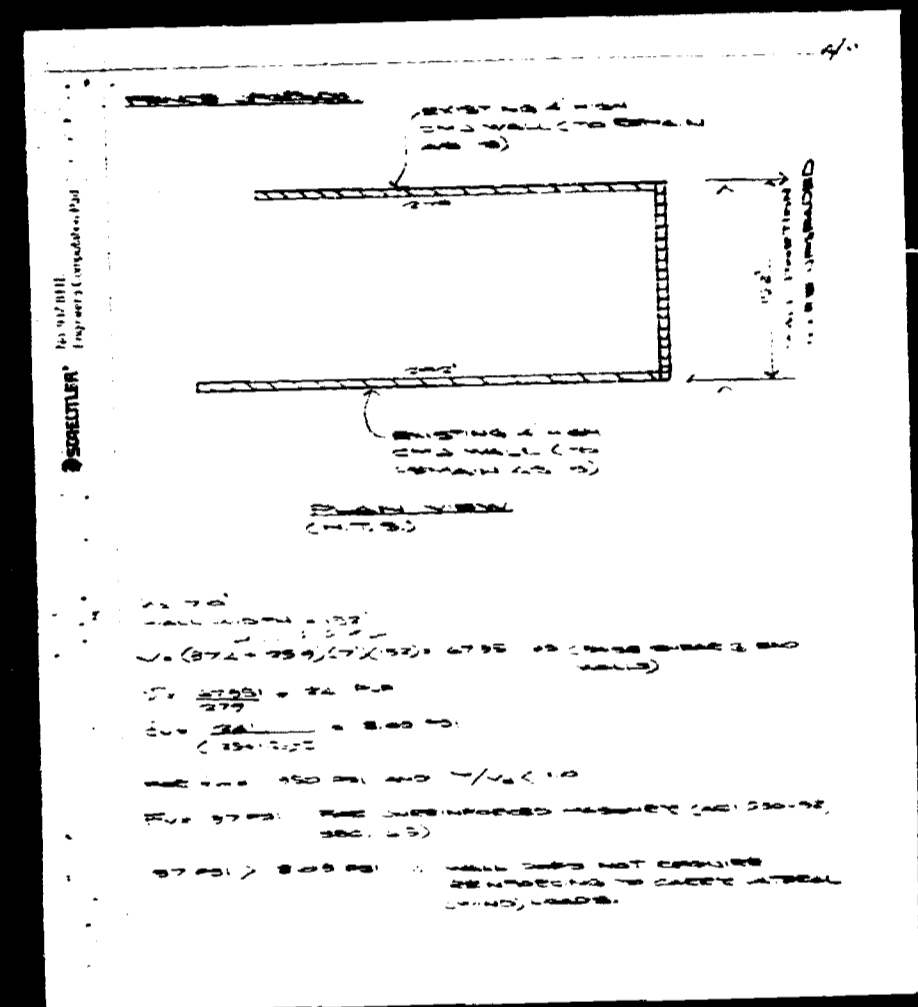
*** DESIGN WIND LOAD CASE ***
 *** MAIN WIND FROM SOUTHWEST ***

WIND VELOCITY: 111 MPH
 EXPOSURE CATEGORY: B
 BUILDING CATEGORY: II
 IMPORTANCE FACTOR: 1.0
 STRUCTURE IS WITHIN 100 FT OF NEARBY OBSTACLE

BUILDING DIMENSION NORMAL TO WIND DIRECTION: 40 FT
 BUILDING DIMENSION PARALLEL TO WIND DIRECTION: 10 FT
 MEAN ROOF HEIGHT: 10 FT
 DISTANCE: 0 FT
 ROOF SLOPE: 0

WIND WIND DIRECTION

WINDWARD WALL	1.0	1.0	1.0	1.0
LEEWARD WALL	0.7	0.7	0.7	0.7
SIDE WALLS	0.7	0.7	0.7	0.7



*** DESIGN WIND LOAD CASE ***
 *** DIRECTIONAL WIND FROM WEST ***

WIND VELOCITY: 111 MPH
 EXPOSURE CATEGORY: B
 BUILDING CATEGORY: II
 IMPORTANCE FACTOR: 1.0
 STRUCTURE IS WITHIN 100 FT OF NEARBY OBSTACLE

ROOF SLOPE: 0
 PRIMARY AREA: 400 sq ft
 MEAN ROOF HEIGHT: 10 FT
 DISTANCE: 0

WIND WIND DIRECTION	
WIND AREA	
WIND	400
WIND	280
WIND	280
WIND	280

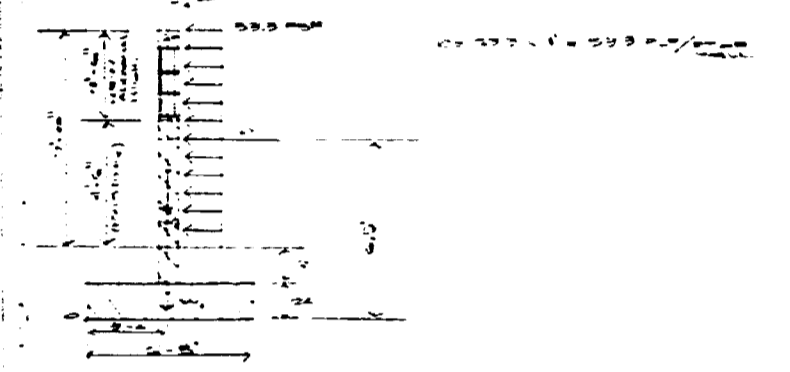
WIND WIND DIRECTION

WINDWARD WALL	1.0	1.0	1.0	1.0
LEEWARD WALL	0.7	0.7	0.7	0.7
SIDE WALLS	0.7	0.7	0.7	0.7

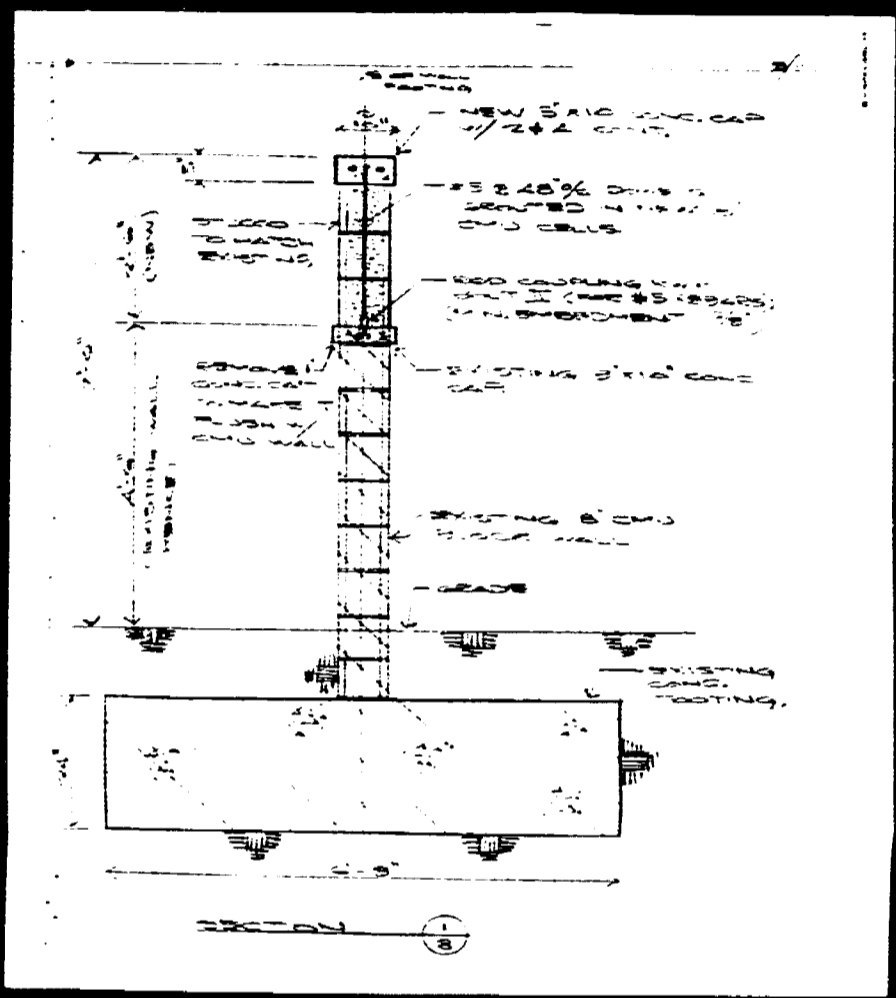
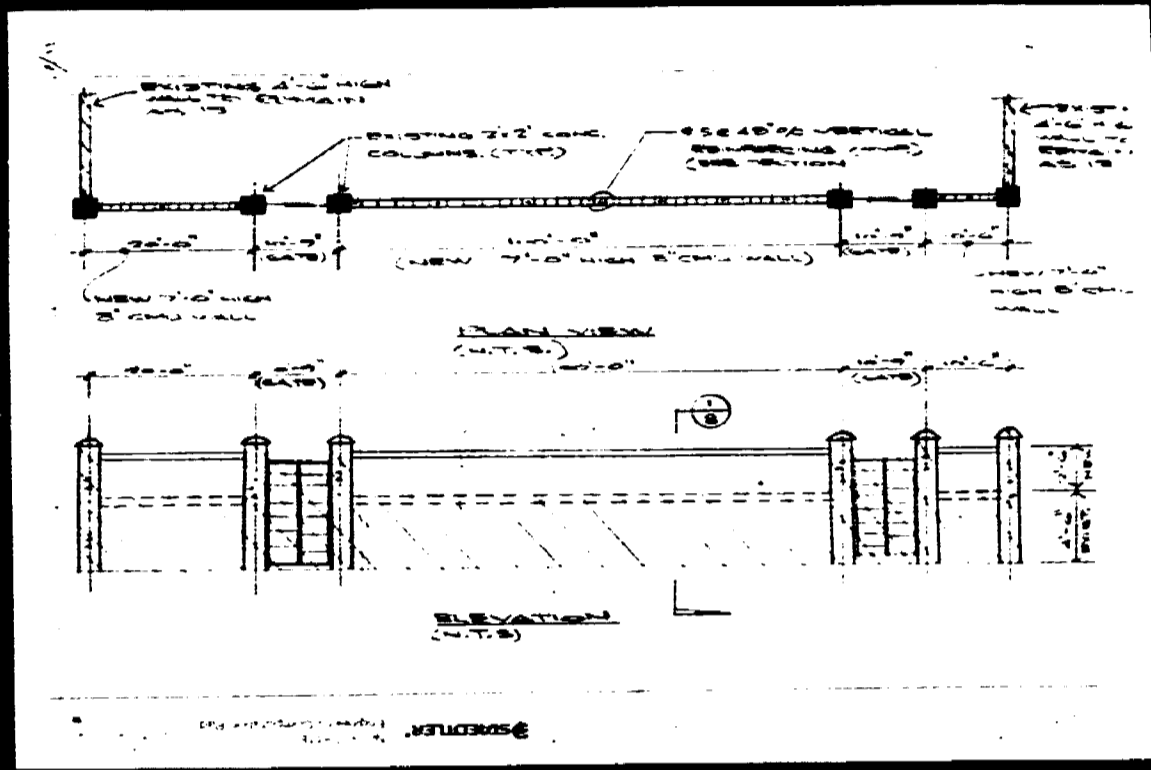
WIND WIND DIRECTION

WINDWARD WALL	1.0	1.0	1.0	1.0
LEEWARD WALL	0.7	0.7	0.7	0.7
SIDE WALLS	0.7	0.7	0.7	0.7

EQUIPMENT ENCLOSURES WHICH WOULD BE USED TO CHECK WALL STRUCTURAL CAPACITY. AS PER VISUAL FIELD LOCATION IT WAS DETERMINED THAT THE EXISTING FOOTING WAS 6'0" HIGH AND 24" THICK (SEE FIGURE).



AS PER VISUAL FIELD LOCATION IT WAS DETERMINED THAT THE EXISTING FOOTING WAS 6'0" HIGH AND 24" THICK (SEE FIGURE).



SCOPE OF WORKS

1. Remove old anchor bolts from existing concrete slab to make it flush with the existing N.C.M. floor.
2. Drill holes as indicated in Section 2.1. Use installed existing Kwik Bolt II Hit Bolt Systems and set depth to 24" or as Fabric Manufacturer's recommendations.
3. Clean and debrassify with a low pressure water jet.
4. Install new N.C.M. as described. Place concrete block units shall be ASTM C90, Grade N, and Type II not exceeding 4" in thickness. Mortar shall comply with the minimum requirements of ASTM C270, Type M.
5. Grout for reinforced masonry shall meet with the minimum requirements of ASTM C270. Maximum of 2 slump.
6. Space and paint to match existing wall finish.

Proot Nut Series Anchors

Anchor	Part No.	Material	Finish	Weight	Length	Thread Length	Thread Diameter	Thread Pitch	Thread Type	Notes
Countersunk Kwik Bolt II
Stainless Steel Countersunk Kwik Bolt II
Rod Coupling Kwik Bolt II
HCKB14
Hit Bolt Tamper Proof Nut (HTN)

Anchoring Systems
Kwik Bolt II Expansion Anchor

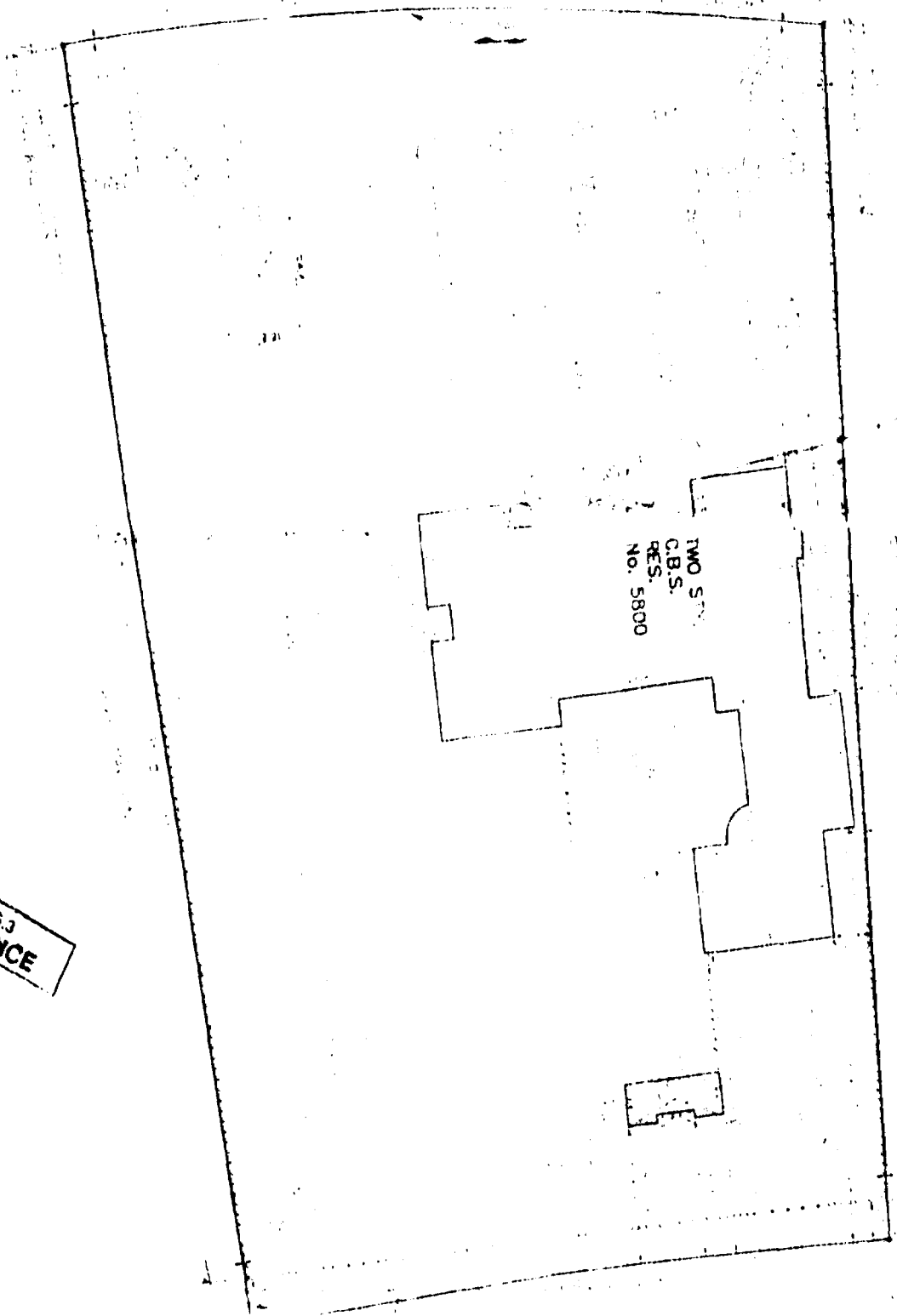
Countersunk Kwik Bolt II Installation Instructions

Kwik Bolt II Rod Coupling Installation Instructions

Hit Bolt Ceiling Kwik Bolt (HCKB) Installation Instructions

BISCAYNE BAY

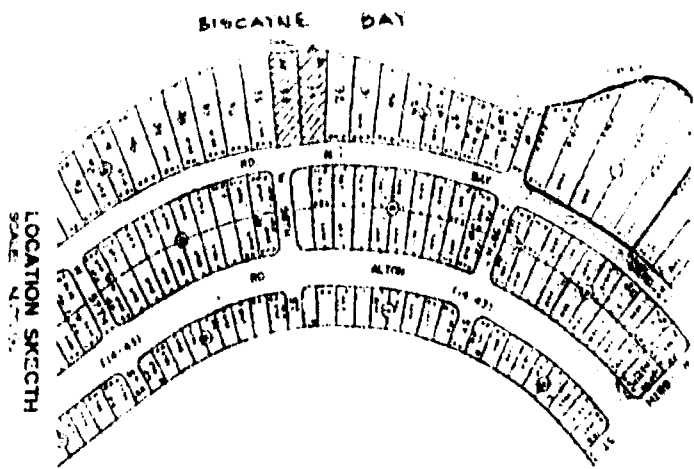
BOUNDARY SURVEY



As per Florida Building Code Section 104.5.3
REVIEWED FOR CODE COMPLIANCE

NORTH BAY ROAD

LEGAL COPY



LEGAL DESCRIPTION

A. FIORE AND ASSOCIATES, INC.
SURVEYORS
1100 BISCAYNE BLVD., SUITE 100
MIAMI, FLORIDA 33132
TEL: 305-351-1100

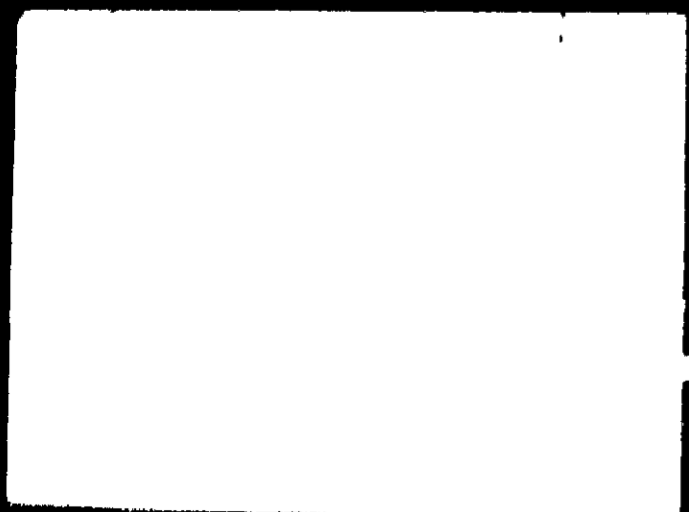
5800 N BAY RD

24

PERMIT #

B0204803

12



CITY OF MIAMI BEACH
Miami Beach, Florida 33139

RECEIPT OF PAYMENT
(This is not a permit it is a receipt only)

08-27-2002
Receipt Number: 0826493
Status: APPROVED
Date Applied: 08/23/2002 Date Issued: 08/27/2002 Entered By: BILLETTS
Date Completed: 08/23/2002 Date Expired: 02/23/2003
Site Address: 3888 N BAY RD NORTH
Parcel #: 2219680276
Balance Due: \$0.00
Valuation: \$100,000.00
Applicant: GEORGE PHILLIPS & ASSOC
300 SW 182ND TERRACE
MIAMI FL 33187
305-666-8899
Owner: KENNETH STARR TR
300 PARK AVE 9 FL
NEW YORK NY 10022

Description: REFER TO THE PERMIT ADDRESS 0826493
Payments made for this receipt:

Current Payment Made to the Following Items:

Account Summary for Fees and Payments:	Fee	Rate	Permit	Other
01000000000000000000	0.00	0.00	0.00	0.00
01000000000000000000	0.00	0.00	0.00	0.00
01000000000000000000	0.00	0.00	0.00	0.00
01000000000000000000	0.00	0.00	0.00	0.00
01000000000000000000	0.00	0.00	0.00	0.00
01000000000000000000	0.00	0.00	0.00	0.00
01000000000000000000	0.00	0.00	0.00	0.00
01000000000000000000	0.00	0.00	0.00	0.00
01000000000000000000	0.00	0.00	0.00	0.00
01000000000000000000	0.00	0.00	0.00	0.00

CITY OF MIAMI BEACH
Miami Beach, Florida 33139

RECEIPT OF PAYMENT
(This is not a permit it is a receipt only)

08-25-2002
Receipt Number: 0826493
Status: APPLIED
Date Applied: 08/23/2002 Date Issued: 08/23/2002 Entered By: BILLETTS
Date Completed: 08/23/2002 Date Expired: 02/23/2003
Site Address: 3888 N BAY RD NORTH
Parcel #: 2219680276
Balance Due: \$0.00
Valuation: \$100,000.00
Applicant: GEORGE PHILLIPS & ASSOC
300 SW 182ND TERRACE
MIAMI FL 33187
305-666-8899
Owner: KENNETH STARR TR
300 PARK AVE 9 FL
NEW YORK NY 10022

Description: REFER TO THE PERMIT ADDRESS 0826493
Payments made for this receipt:

Current Payment Made to the Following Items:

Account Summary for Fees and Payments:	Fee	Rate	Permit	Other
01000000000000000000	0.00	0.00	0.00	0.00
01000000000000000000	0.00	0.00	0.00	0.00
01000000000000000000	0.00	0.00	0.00	0.00
01000000000000000000	0.00	0.00	0.00	0.00
01000000000000000000	0.00	0.00	0.00	0.00
01000000000000000000	0.00	0.00	0.00	0.00
01000000000000000000	0.00	0.00	0.00	0.00
01000000000000000000	0.00	0.00	0.00	0.00
01000000000000000000	0.00	0.00	0.00	0.00
01000000000000000000	0.00	0.00	0.00	0.00

Account Summary for Fees and Payments:

Account Code Description	Amount	Rate	Permit	Other
01000000000000000000	0.00	0.00	0.00	0.00
01000000000000000000	0.00	0.00	0.00	0.00
01000000000000000000	0.00	0.00	0.00	0.00
01000000000000000000	0.00	0.00	0.00	0.00
01000000000000000000	0.00	0.00	0.00	0.00
01000000000000000000	0.00	0.00	0.00	0.00
01000000000000000000	0.00	0.00	0.00	0.00
01000000000000000000	0.00	0.00	0.00	0.00
01000000000000000000	0.00	0.00	0.00	0.00
01000000000000000000	0.00	0.00	0.00	0.00

PAID BY: [Signature] DATE: 8/23/02
RECEIVED BY: [Signature] DATE: 8/23/02

SECTION 1524
HIGH VELOCITY HURRICANE ZONES REQUIRED OWNERS NOTIFICATION FOR ROOFING
CONSIDERATIONS

1524.1 As it pertains to this section, it is the responsibility of the roofing contractor to provide the owner with the required roofing permit, and to explain to the owner the content of this section. The provisions of Chapter 15 of the Florida Building Code, Building governs the minimum requirements and standards of the industry for roofing system installation. Additionally, the following items should be addressed as part of the agreement between the owner and the contractor. The owner's initial in the adjacent box indicates that the item has been explained.

- 15.1. Aesthetics-Workmanship: The workmanship provisions of Chapter 15 (High Velocity Hurricane Zones) are for the purpose of providing that the roofing system meets the wind resistance and water intrusion performance standards. Aesthetics (appearance) issues are not a consideration with respect to workmanship provisions. Aesthetic issues such as color or architectural appearance, that are not part of a training code, should be addressed as part of the agreement between the owner and the contractor.
- 15.2. Ranselling Wood Decks: When replacing roofing, the existing wood roof deck may have to be ranselled in accordance with the current provisions of Chapter 16 (High Velocity Hurricane Zones) of the Florida Building Code. (The roof deck is usually concealed prior to ranselling the existing roof system).
- 15.3. Common Roofs: Common roofs are those which have no visible delineation between neighboring units (i.e. townhouses, condominiums, etc.). In buildings with common roofs, the roofing contractor and/or owner should notify the occupants of adjacent units of roofing work to be performed.
- 15.4. Exposed Ceilings: Exposed, open beam ceilings are where the underside of the roof decking can be viewed from below. The owner may wish to maintain the architectural appearance, therefore, roofing and penetrations of the underside of the decking may not be acceptable. The Florida Building Code provides the option of maintaining this appearance.
- 15.5. Ponding Water: The current roof system and/or deck of the building may not drain well and may cause water to pond (accumulate) in low-lying areas of the roof. Ponding can be an indication of structural distress and may require the review of a professional structural engineer. Ponding may shorten the life expectancy and performance of the new roofing system. Ponding conditions may not be evident until the original roofing system is removed. Ponding conditions should be corrected.
- 15.6. Overflow scuppers (wall outlets): It is required that rainwater flow off so that the roof is not overwhelmed from a build up of water. Parapet/wall or other roof situations may block this discharge if overflow scuppers (wall outlets) are not provided. It may be necessary to install overflow scuppers in accordance with the Florida Building Code, Plumbing.
- 15.7. Ventilation: Most roof structures should have some ability to vent natural airflow through the interior of the structural assembly (the building itself). The existing amount of attic ventilation shall not be reduced. It may be beneficial to consider additional venting which can result in extending the service life of the roof.

Owner/Agent's Signature: _____ Date: _____
Contractor's Signature: _____

Providing Solutions To The Construction Industry
Engineering & Consulting, Inc. P.O. BOX 77084, MIAMI FL 33177 Certificate No. 02-09106

Contractor: G.P.A.
Job Address: 5800 N. BAY RD

Section B (Roof Plan)
Sketch Roof Plan. Illustrate all levels and sections, roof drains, scuppers, overflow scuppers and overflow drains. Include dimensions of sections and levels, clearly identify dimensions of elevated pressure zones and location of parapets.

Roof Area	Design Pressure	S	R _g	Value	NOA VALUE	NOA: 99-1102.03 SYSTEM
Area 1	53	0.301	4.97	-26.02	177	RO/No
Area 2	111	0.301	4.97	-26.02	177	
Area 3	111	0.301	4.97	-26.02	177	

Voice: (305) 256-4550 Fax: 1-866-333-6988

High Velocity Hurricane Zone Uniform Permit Application Form

Section A (General Information)

Master Permit No. _____ Process No. _____
Contractor's Name: G.P.A.
Job Address: 5800 N. BAY RD

ROOF CATEGORY

Low Slope Mechanically Fastened Tile Mortar/Adhesive Set Tile
 Asphaltic Shingles Metal Panels/Shingles Wood Shingles/Shakes
 Prescriptive BUR-RAS 158

ROOF TYPE

New Roof Re-Roofing Recovering Repair Maintenance

ROOF SYSTEM INFORMATION

Low Slope Roof Area (SF) 500 Steep Sloped Roof Area (SF) _____ Total (SF) 9,800

Section B (Roof Plan)

Sketch Roof Plan. Illustrate all levels and sections, roof drains, scuppers, overflow scuppers and overflow drains. Include dimensions of sections and levels, clearly identify dimensions of elevated pressure zones and location of parapets.

High Velocity Hurricane Zone Uniform Permit Application Form

Section C (Low Sloped Roof System)

Fill in Specific Roof Assembly Components and Identify Manufacturer (if a component is not used, denote as 'N/A')

System Manufacturer: TALICO
NOA No: 01-0302-01
Design Wind Pressure: From SWS 128 or Calculation
Wind Pressure: 35 Pressure: 22.5 103.5
Min. Design Pressure: 1.0 Max. Design Pressure: 103.5
SWS: 35

Fastener Spacing for Anchor/Batt Sheet Attachment

Field: 6" @ Lap, 8 Rows
Perimeter: 4" @ Lap, 8 Rows
Corner: 2" @ Lap, 8 Rows
Number of Fasteners Per Insulation Board: _____

Deck: Type: Concrete
Gauge/Thickness: 5/8
Slope: 1/8
Anchor/Batt Sheet & No. of Ply: _____
Anchor/Batt Sheet Fastener/Bonding Material: _____
Insulation Base Layer: _____
Base Insulation Size and Thickness: _____
Base Insulation Fastener/Bonding Material: _____
Top Insulation Layer: _____
Top Insulation Size and Thickness: _____
Top Insulation Fastener/Bonding Material: _____
Base Sheet(s) & No. of Ply: 2 Ply GIB
Base Sheet Fastener/Bonding Material: 2 Ply GIB
Ply Sheet(s) & No. of Ply: 2 Ply GIB
Ply Sheet Fastener/Bonding Material: 2 Ply GIB
Top Ply: Fiberglass cap sheet
Top Ply Fastener/Bonding Material: 2 Ply GIB
Surfing: Granular

Illustrate Components Noted and Details as Applicable: Parapet Height, Edge Termination, Sloping Flashing, Continuous Deck Cant Strip, Base Flashing, Counter Flashing, Coiling, Etc.
Indicate: Mean Roof Height, Parapet Height, Height of Base Flashing, Component Material, Material Thickness, Fastener Type, Fastener Spacing or Submittal Manufacturer's Details that Comply with RAS 111 and Chapter 16

High Velocity Hurricane Zone Uniform Permit Application Form

Section D (Steep Sloped Roof System)

Roof System Manufacturer: CEDEFSA Wood-Tek
 Notice of Acceptance Number: 99-1102-03
 Minimum Design Wind Pressures, If Applicable (From RAS 127 or Calculations):
 Pmax1: 41.6 Pmax2: 56.6 Pmax3: N/A
 Maximum Design Pressure (From the NOA Specific System): 17.1

Sloped System Description

Deck Type: 5/8 Plywood
 Type Underlayment: Chimney RC
 Insulation: 0/0
 Ridge Ventilation? N/A
 Fastener Type & Spacing: 1 1/8" Dink Screws
 Adhesive Type: Asph/Flt
 Type Cap Sheet: 6AF Lined FIB
 Roof Covering: CEDEFSA Tile
 Type & Size Drip Edge: 3" x 3" x 1/8"
 Mean Roof Height: 25'
 (Continued on reverse side of form)
 99-1102-03

High Velocity Hurricane Zone Uniform Permit Application Form

Section E (Tile Calculations)

For Moment based tile system, choose either Method 1 or 2. Compare the values for M_r with the values from M_d . If the M_r values are greater than or equal to the M_d values, for each area of the roof, then the tile attachment method is acceptable.

Method 1 "Moment Based Tile Calculations For RAS 127"
 $P_r = 1.356 + 1.251 + M(1.3) - M_r(1.0) - M_e(1.0)$ NOA M, 127
 $P_r = 1.356 + 1.251 + 32.1 - M_r(1.0) - M_e(1.0)$ NOA M, 127
 $P_r = 1.356 + 1.251 + 32.1 - M_r(1.0) - M_e(1.0)$ NOA M, 127

Method 2 "Simplified Tile Calculations For Table Below"
 Required Moment of Resistance (M_r) From Table Below: NOA M

Roof Slope	15°	20°	25°	30°	40°
15°	38.7	31.2	25.7	27.7	28.7
20°	38.8	31.3	25.8	27.8	28.8
25°	38.9	31.4	25.9	27.9	28.9
30°	39.0	31.5	26.0	28.0	29.0
40°	39.1	31.6	26.1	28.1	29.1

*Must be used in conjunction with a list of moment based tile systems approved by the Bureau of County Board of State and Appeal.

For Uplift based tile system use Method 3. Compare the values for F' with the values for F . If the F' values are greater than or equal to the F values, for each area of the roof, then the tile attachment method is acceptable.

Method 3 "Uplift Based Tile Calculations For RAS 127"
 $F' = 1.1 - 0.1 - 1.0 - 0.1 - W - 1.000 P - F_r$ NOA P
 $F' = 1.1 - 0.1 - 1.0 - 0.1 - W - 1.000 P - F_r$ NOA P
 $F' = 1.1 - 0.1 - 1.0 - 0.1 - W - 1.000 P - F_r$ NOA P

Where to Obtain Information

Description	Symbol	Where to Find
Design Pressure	P	RAS 127 Table 1 or by engineering analysis permitted by the Board of State and Appeal
Minimum Design Pressure	P_m	RAS 127
Minimum Design Wind Speed	V	RAS 127
Roof Slope	θ	RAS 127
Roof Area	A	RAS 127
Roof Covering	C	RAS 127
Roof Deck	D	RAS 127
Roof Edge	E	RAS 127
Roof Fastener	F	RAS 127
Roof Underlayment	U	RAS 127
Roof Insulation	I	RAS 127
Roof Ridge	R	RAS 127
Roof Ventilation	V	RAS 127
Roof Edge	E	RAS 127
Roof Slope	θ	RAS 127
Roof Area	A	RAS 127
Roof Covering	C	RAS 127
Roof Deck	D	RAS 127
Roof Edge	E	RAS 127
Roof Fastener	F	RAS 127
Roof Underlayment	U	RAS 127
Roof Insulation	I	RAS 127
Roof Ridge	R	RAS 127
Roof Ventilation	V	RAS 127

High Velocity Hurricane Zone Uniform Permit Application Form

APPROVED DESIGN: CEDEFSA
 DESIGNER: [Signature]
 DATE: 9/2/02

APPROVED PERMIT: [Signature]
 DATE: 9/2/02

APPROVED BY: [Signature]
 DATE: 9/2/02

12

NO. 12345
 DATE: 12/15/52
 TO: THE DIRECTOR, FEDERAL BUREAU OF INVESTIGATION
 FROM: SAC, NEW YORK
 SUBJECT: [Illegible]

RE: [Illegible]

Enclosed for the Bureau are three copies of a letterhead memorandum (LHM) dated and captioned as above. The LHM was prepared by the New York Office on December 15, 1952, and is being furnished to you for your information and guidance.

Very truly yours,
 [Signature]
 Special Agent in Charge

NO. 12345
 DATE: 12/15/52
 TO: THE DIRECTOR, FEDERAL BUREAU OF INVESTIGATION
 FROM: SAC, NEW YORK
 SUBJECT: [Illegible]

RE: [Illegible]

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 DATE: 12/15/52
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Very truly yours,
 [Signature]
 Special Agent in Charge

12

[Illegible text]

MIAMI-DADE COUNTY FLORIDA
METRO-DADE PLAZA BUILDING
BUILDING CODE COMPLIANCE OFFICE
 140 WEST FLAGLER STREET, SUITE 401
 MIAMI, FLORIDA 33135-3813
 (305) 375-7881 FAX (305) 375-2388

ALMAR (USA), Inc.
 6645 NW 77 Ave.
 Miami FL 33166

CONTRACTOR LICENSING SECTION
 (305) 375-2377 FAX (305) 375-2338

CONTRACTOR EDUCATION SECTION
 (305) 375-3888 FAX (305) 375-3988

PRODUCT CONTROL DIVISION
 (305) 375-7822 FAX (305) 375-8276

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Your application for Product Approval of Credette Barrel Tile under Chapter 8 of the Code of Miami-Dade County governing the use of Alternative Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This approval shall not be valid after the expiration date stated below. BCCO reserves the right to require this product or material at anytime from a job site or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may require, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it determines BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

Acceptance No. 99-1192A (Revised No.: 99-0428.01)
 Expires: 12/16/2002

R. J. [Signature]
 Chief Product Control Division

THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL CONDITIONS

BUILDING CODE & PRODUCT REVIEW COMMITTEE

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Dade County, Florida under the conditions set forth above.

[Signature]
 Director
 Miami-Dade County
 Building Code Compliance Office

Approved: 12/16/1999 1 of 6
John [Signature] 8/23/02 Search on permit subject.
B.C.C. 8/19/2010
8/14/08

90-18-d 6066 094 51K 940 02-11 2002-21-576

ALMAR (USA), INC. ACCEPTANCE No.: 99-1192A
 APPROVED: December 16, 1999
 EXPIRES: December 16, 2002

NOTICE OF ACCEPTANCE - STANDARD CONDITIONS

1. SCOPE
 This relates a roofing system using Almar "Credette Barrel" Clay Roof Tile, as manufactured Almar (USA), Inc. described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code, 1994 Edition for Miami-Dade County. For the locations where the pressure requirements, as determined by SFBCC Chapter 23, do not exceed the design pressure values obtain by calculations in compliance with RAS 127 using the values listed in section 4 herein. The attachment calculations shall be done as a context based system.

Category: Prepared Roofing
 Sub Category: High Profile Tile

2. PRODUCT DESCRIPTION

Manufacturer by Applicant	Dimensions	Test Specifications	Product Description
Credette Barrel Tile	1-19 1/4" x 4 7/8" x 3/4" thick nominal	FA 112	High profile, two-piece, clay roof tile. For mortar and adhesive applications.
Trim Piece	1-19 1/4" x 1-19 1/4" x varying thickness	FA 112	Accessory trim, clay roof piece for use at hips, ridges and valley terminations. Manufactured for each tile profile.

2.1 Components or products manufactured by others

Product	Dimensions	Test Specifications	Product Description	Manufacturer
#33 Fast	N/A	ASTM D 226 Type II	Stainless organic fast to be used as a metal metal fast.	generic
#41 Cement Base Sheet	N/A	ASTM D 2676	Stainless and coated organic base sheet for single or double ply underlayment.	generic

[Signature]
 Almar (USA), Inc.
 Roofing Product Control Engineer

90-18-d 6066 094 51K 940 02-11 2002-21-576

12

ALMAR (USA), INC.

ACCEPTANCE No. : 92-1182.03

APPROVED : December 16, 1999
EXPIRES : December 16, 2002

NOTICE OF ACCEPTANCE - STANDARD CONDITIONS

End Use	Dimensions	Tile Description	Product Description	Manufacturer
Masonry Surface Cap Sheet	N/A	ASTM D 249	Mineral surfaced asphalt roll roofing for use in a top ply in a double ply waterbarrier system.	generic
Roofing II	36" x 72" roll 36" x 72" roll 60" x 72" roll	FA 104	Single ply, rubber underlayment with 2" self-adhering top edge.	Prime-O-Wrap, Inc.
Ice and Water Shield	36" x 72" roll	FA 103	Self-adhering underlayment for use as a top ply in a two ply underlayment system with Approved FFB or F43 in the base layer.	W.S. Great Co. with current MOA
Roof Tile Mortar ("Tile-Tie")	N/A	FA 123	Prepared mortar mix designed for mortar set roof tile applications.	Bermuda Roof Company, Inc. (with current MOA)
Overlaid Roof Tile Mortar	N/A	FA 123	Prepared mortar mix designed for mortar set roof tile applications.	Overlaid Mortar (with current MOA)
Roof Tile Adhesive ("Polygrab Adhesive")	N/A	See PCA	Two component polyurethane adhesive designed for adhesive set roof tile applications.	Poly-Room Products, Inc. (with current MOA)
Tile-Bond	Factory produced channels	See PCA	Single component polyurethane foam roof tile adhesive.	Flexible Products (with current MOA)



Paul Ziegler, RBC
Roofing Product Control Engineer

1 3 11 99
6036 096 508

ALMAR (USA), INC.

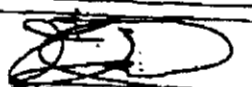
ACCEPTANCE No. : 92-1182.03

APPROVED : December 16, 1999
EXPIRES : December 16, 2002

NOTICE OF ACCEPTANCE - STANDARD CONDITIONS

- 3 LIMITATIONS
- 3.1 Fire classification is not part of this acceptance.
 - 3.2 For mortar or adhesive set tile applications, a static field uplift test shall be performed in accordance with RAS 106.
 - 3.3 Applicant shall retain the services of a Miami-Dade County Certified Laboratory to perform quarterly test in accordance with PA 112, appendix "A". Such testing shall be submitted to the Building Code Compliance Office for review. Minimum underlayment shall be in compliance with the applicable Roofing 5090 but unglazed underlayment applications may be installed perpendicular to the roof slope unless stated otherwise by the underlayment material manufacturer's published literature.
 - 3.4 Applications submitted by local section 4.1 herein.
 - 3.5 Applications submitted by local section 4.1 herein.
 - 3.6 This acceptance is for wood deck applications. Minimum deck requirements shall be in compliance with chapter 29 of the 2001 IC.
4. INSTALLATION
- 4.1 Almar "Cedexa Barrel" Clay Roof Tile and its components shall be installed in strict compliance with Miami Dade County Roofing Application Standard RAS 120
 - 4.2 Data For Attachment Calculations

Table 1: Aerodynamic Multipliers - 1 (R)				
Tile Profile	Direct Deck Application			
Cedexa Barrel Tile	2.00			
Table 2: Retention Windstorm due to Gravity - R _g (R-10)				
Tile Profile	3"-12"	6"-12"	6"-12"	3"-12" or greater
Cedexa Barrel Tile	4.00	4.00	4.00	4.00
Table 3: Attachment Resistance Expressed as a Moment - M _a (R-10)				
Tile Profile	For Single Ply Adhesive Set Systems			
Cedexa Barrel Tile	177 (1000) lbf-in			
Plus 24 grams per sq. ft. and 24 grams per sq. ft. of adhesive	115 (1000) lbf-in			
Plus 11.8 grams per sq. ft. and 11.8 grams per sq. ft. of adhesive	115 (1000) lbf-in			



Paul Ziegler, RBC
Roofing Product Control Engineer

1 3 11 99
6036 096 508

ALMAR (USA), INC.

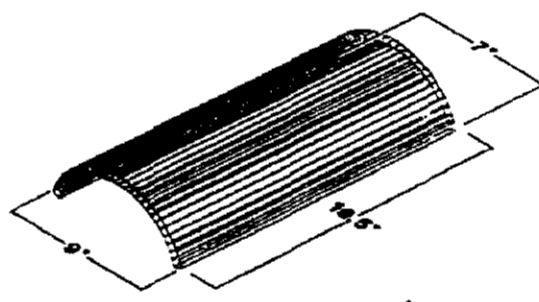
ACCEPTANCE No. : 92-1182.03

APPROVED : December 16, 1999
EXPIRES : December 16, 2002

NOTICE OF ACCEPTANCE - STANDARD CONDITIONS

- | Table 3A: Attachment Resistance Expressed as a Moment - M _a (R-10) | | |
|---|------------------|-----------------------|
| Tile Profile | Tile Application | Attachment Resistance |
| Cedexa Barrel Tile | Mortar Set | 212 |
| Bermuda Roof Tile | Mortar Set | 158 |
| Cedexa Barrel Tile | Overlaid | 115 |
5. LABELING
All tiles shall bear the imprint or identifiable marking of the manufacturer's name or logo, or following statement: "Miami-Dade County Product Control Approved"
6. BUILDING PERMIT REQUIREMENTS
6.1 Application for building permit shall be accompanied by copies of the following:
6.1.1 This Notice of Acceptance.
6.1.2 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of the system.

PROFILE DRAWINGS



CEDEXA BARREL CLAY ROOF TILE



Paul Ziegler, RBC
Roofing Product Control Engineer

1 3 11 99
6036 096 508

12

ALMAR (USA), INC.

ACCEPTANCE No. : 95-1182-1

APPROVED : December 16, 1999
EXPIRES : December 16, 2002

NOTICE OF ACCEPTANCE - STANDARD CONDITIONS

1. Renewal of this Acceptance (approved) shall be considered after a renewal application has been filed and the original submitting documents, including test-supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approval", or as specifically stated in the specific conditions of this Acceptance.
3. Renewal of Acceptance will not be considered if:
 - a. There has been a change in the South Florida Building Code affecting the evaluation of the product and the product is not in compliance with the code changes.
 - b. The product is no longer the same product (document) as the one originally approved.
 - c. If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product.
 - d. The engineer who originally prepared, signed and sealed the required documentation is/has retired, is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacturers of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a renewal application with appropriate fee) and granted by the office.
5. Any of the following shall also be grounds for revocation of this Acceptance:
 - a. Unsuccessful performance of this product or process.
 - b. Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
6. The Notice of Acceptance is/has been provided by the Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all times. The engineer need not retain the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and revocation of Acceptance.
9. This Notice of Acceptance consists of pages 1 through 5 and this last page 6.

END OF THIS ACCEPTANCE

ALMAR (USA), INC.
Building Product Control Division
1407 E. 12th Ave. # 2189
Miami, FL 33136

12

CITY OF MIAMI BEACH
Building Department
1700 Convention Ctr Drive, 2nd Floor
Miami Beach, Florida 33139
Inspections: (305) 673-7370
Office: (305) 673-7610

B0600445 BCO08184 CO

Certificate of Occupancy

Certificate Number: BCO08184

Status: APPROVED
BUILRAMH

Issued By:

Site Address: 5800 N BAY RD MBCH
Parcel #: 32150030270

Applied: 04/23/2008
Issued: 09/04/2009
Extended:
To Expire:

Tenant: MARK J GAINO
MARK J GAINOR TR
5800 N BAY RD 33139

Property Owner: MARK J GAINO
MARK J GAINOR TR
5800 N BAY RD 331402043

Class Code: R3

Issued For: CO for 2nd floor addition to Single Family

Temporary Expiration Date:

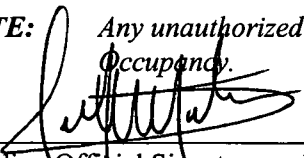
Current Use: Residential/SFR
Previous Use: RESIDENTIAL/SFR

OCCUPANCY INFORMATION

Building Permit #: B0600445
Occupancy Group: R3
Maximum Occupant Content
Zoning Ordinance Number: 89-2665
Zoning Use District: RS-2
Construction Type:
Minimum Number of Exits:
SS # or Taxpayer ID#:

This is to certify that the above tenant, whose address is noted above, has filed for premission to use the property located at the address noted above, and said proposed use or uses being in comformity with the provisions of the zoning ordinance 89-2665 and the Building Code of the City of Miami Beach, a Certificate of Occupancy is hereby granted to use said building for the purpose described below, subject to any special condition(s) detailed in this document.

NOTE: Any unauthorized additions, alterations or change in use of this property will void this Certificate of Occupancy.

As per  9/08/09
Building Official Signature and Date
RICHARD MCCONACHIE

This Certificate of Occupancy is valid only if there is an APPROVED Status and a Building Official Signature.

CITY OF MIAMI BEACH
BUILDING DEPARTMENT
1700 CONVENTION CENTER DR
2ND FLOOR - CITY HALL
MIAMI BEACH, FLORIDA 33139
(305) 673-7610

COMPLETE DESCRIPTION

DATE: 09-04-2009

PERMIT NUMBER: **BCO08184**

STATUS: APPROVED

JOBSITE ADDRESS: **5800 N BAY RD MBCH**
CONTRACTOR: FRAME-PRO CONSTRUCTION CORP
OWNER: MARK J GAINOR &W ELYSE S

DESCRIPTION

CO for 2nd floor addition to Single Family Residence and renovation to existing pool cabana

*** INVOICE ***

PILATO APPRAISAL
Dr. Daniel L. Pilato, Ph.D.
9425 SW 93 Avenue
Miami, Florida 33176

Invoice #: 5800BAY
Date Invoiced 8/4/2009
Terms: ON RECEIPT
Date Due:

To: 3 Design
4300 Biscayne Blvd G04, Miami, FL

Borrower: Mark and Elyse Gainor

For Property located at

5800 N Bay Road
Miami Beach FL 33140

Fee: \$ 2,500

Appraisal fee.

Remittance Copy

Please remit payment to: PILATO APPRAISAL
Dr. Daniel L. Pilato, Ph.D.
9425 SW 93 Avenue
Miami, Florida 33176

Invoice #: 5800BAY

File #: 5800Bay

Total Amount Due: \$ 2,500

Amount Remitted (if different) \$

UNIFORM RESIDENTIAL APPRAISAL REPORT

File No. 5800Bay

9/3/09 APcs Form
P. 200

Property Description

Property Address	5800 N Bay Road	City	Miami Beach	State	FL	Zip Code	33140
Legal Description	Lots 33 and 34, Block 1 A, La Gorce Golf Subdivision, PB 14-43			County	Miami-Dade		
Assessor's Parcel No.	02-32-15-003-0270	Tax Year	2008	R.E. Taxes \$	229,847	Special Assessments \$	N Known
Borrower	Mark and Elyse Gainer		Current Owner	Mark and Elyse Gainer		Occupant:	<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Tenant <input type="checkbox"/> Vacant
Property rights appraised	<input checked="" type="checkbox"/> Fee Simple	<input type="checkbox"/> Leasehold	Project Type	<input type="checkbox"/> PUD <input type="checkbox"/> Condominium (HUD/VA only)	HOA\$ N/APL	/Mo.	
Neighborhood or Project Name	La Gorce Golf	Map Reference	53-42-15		Census Tract	39.06	
Sale Price \$ N/APL	Date of Sale	N/APL		Description and \$ amount of loan charges/concessions to be paid by seller	N/APL		
Lender/Client	3 Design		Address 4300 Biscayne Blvd G04, Miami, FL				
Appraiser	Dr. Daniel L. Pilato, Ph.D. Address 9425 SW 93 Avenue, Miami, Florida 33176						

Location	<input checked="" type="checkbox"/> Urban	<input checked="" type="checkbox"/> Suburban	<input type="checkbox"/> Rural	Predominant occupancy	Single family housing PRICE \$(000)	AGE (yrs)	Present land use %	Land use change
Built up	<input checked="" type="checkbox"/> Over 75%	<input type="checkbox"/> 25-75%	<input type="checkbox"/> Under 25%	<input checked="" type="checkbox"/> Owner 100	350	Low	0	<input checked="" type="checkbox"/> Not likely <input type="checkbox"/> Likely
Growth rate	<input type="checkbox"/> Rapid	<input checked="" type="checkbox"/> Stable	<input type="checkbox"/> Slow	<input type="checkbox"/> Tenant	15,000	High	80+	<input type="checkbox"/> In process
Property value	<input checked="" type="checkbox"/> Increasing	<input type="checkbox"/> Stable	<input type="checkbox"/> Declining	<input checked="" type="checkbox"/> Vacant (0-5%)	Predominant	Commercial	5	To: Other uses: La
Demand/supply	<input type="checkbox"/> Shortage	<input checked="" type="checkbox"/> In balance	<input type="checkbox"/> Over supply	<input type="checkbox"/> Vacant (over 5%)	750	55	OTHER	5 Gorce Golf Course.
Marketing time	<input type="checkbox"/> Under 3 mos.	<input checked="" type="checkbox"/> 3-6 mos.	<input type="checkbox"/> Over 6 mos.					

Note: Race and the racial composition of the neighborhood are not appraisal factors.

Neighborhood boundaries and characteristics: SEE TEXT ADDENDUM

NEIGHBORHOOD

Factors that affect the marketability of the properties in the neighborhood (proximity to employment and amenities, employment stability, appeal to market, etc.):
SEE TEXT ADDENDUM

Market conditions in the subject neighborhood (including support for the above conclusions related to the trend of property values, demand/supply, and marketing time -- such as data on competitive properties for sale in the neighborhood, description of the prevalence of sales and financing concessions, etc.):
SEE TEXT ADDENDUM

PUD

Project Information for PUDs (If applicable) -- Is the developer/builder in control of the Home Owner's Association (HOA)? Yes No

Approximate total number of units in the subject project _____ Approximate total number of units for sale in the subject project _____

Describe common elements and recreational facilities: (This section is NOT applicable to the subject)

SITE

Dimensions	IRREGULAR LOT		Topography	GENERALLY LEVEL
Site area	52,881	SQUARE FEET	Size	TYPICAL FOR AREA
Specific zoning classification and description	SINGLE FAMILY		Shape	IRREGULAR
Zoning compliance	<input checked="" type="checkbox"/> Legal	<input type="checkbox"/> Legal nonconforming (Grandfathered use)	<input type="checkbox"/> Illegal	<input type="checkbox"/> No zoning
Highest & best use as improved:	<input checked="" type="checkbox"/> Present use	<input type="checkbox"/> Other use (explain)		
Utilities	Public	Other	Landscaping	GOOD
Electricity	<input checked="" type="checkbox"/>		Driveway surface	ASPHALT
Gas	<input checked="" type="checkbox"/>		Apparent easements	Typical Utility
Water	<input checked="" type="checkbox"/>		FEMA Special Flood Hazard Area	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sanitary sewer	<input checked="" type="checkbox"/>		FEMA Zone	AE Map Date 3/2/94
Storm sewer	<input checked="" type="checkbox"/>	DRAINS	FEMA Map No.	12025C 0182 J
Off-site Improvements	Type	Public	Private	
Street	ASPHALT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Curb/gutter	GUTTER	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Sidewalk	NONE	<input type="checkbox"/>	<input type="checkbox"/>	
Street lights	YES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Alley	No, Biscayne Bay	<input type="checkbox"/>	<input type="checkbox"/>	

Comments (apparent adverse easements, encroachments, special assessments, slide areas, illegal or legal nonconforming zoning use, etc.): SEE TEXT ADDENDUM

DESCRIPTION OF IMPROVEMENTS

GENERAL DESCRIPTION	EXTERIOR DESCRIPTION	FOUNDATION	BASEMENT	INSULATION
No. of Units: ONE	Foundation: Concrete/Gd	Slab: Concrete	Area Sq. Ft. NO BSMT	Roof: <input type="checkbox"/>
No. of Stories: TWO	Exterior Walls: CBS/Good	Crawl Space: NONE	% Finished	Ceiling: UNK <input type="checkbox"/>
Type (Det./Att.): Detached	Roof Surface: Barrel Tile/Gd	Basement: NONE	Ceiling	Walls: UNK <input type="checkbox"/>
Design (Style): 2 Story Me	Gutters & Dwnspts: Copper/Gd	Sump Pump: None Known	Walls	Floor: <input type="checkbox"/>
Existing/Proposed: Existing	Window Type: Casement/Gd	Dampness: NONE OBS	Floor	None: <input type="checkbox"/>
Age (Yrs.): 66	Storm/Screens: SCREENS	Settlement: NONE OBS	Outside Entry	Unknown: <input type="checkbox"/>
Effective Age (Yrs.): 15	Manufactured House: NO	Infestation: NONE OBS		

ROOMS	Foyer	Living	Dining	Kitchen	Den	Family Rm.	Rec. Rm.	Bedrooms	# Baths	Laundry	Other	Area Sq. Ft.
Basement												NO BSMT
Level 1	1	1	1	1	1	1		3	2.5	area		5,744
Level 2								8	7			5,537

Finished area above grade contains: 17 Rooms; 11 Bedroom(s); 9.5 Bath(s); 11,281 Square Feet of Gross Living Area

INTERIOR	Materials/Condition	HEATING	KITCHEN EQUIP.	ATTIC	AMENITIES	CAR STORAGE:
Floors	MrbL, Hrdwd/Gd	Type: R C	Refrigerator: <input checked="" type="checkbox"/> P	None: <input type="checkbox"/>	Fireplace(s) #: 4 <input checked="" type="checkbox"/> X	None: <input type="checkbox"/>
Walls	Plaster/Gd	Fuel: Elec	Range/Oven: <input checked="" type="checkbox"/> X	Stairs: <input type="checkbox"/>	Patio: Rf/Opn <input checked="" type="checkbox"/> X	Garage: 3# of cars
Trim/Finish	Wd, Paint/Gd	Condition: Good	Disposal: <input checked="" type="checkbox"/> X	Drop Stair: <input type="checkbox"/>	Deck: <input type="checkbox"/>	Attached: <input type="checkbox"/>
Bath Floor	Marble/Gd	COOLING	Dishwasher: <input checked="" type="checkbox"/> X	Scuttle: <input checked="" type="checkbox"/> X	Porch: Roofed <input checked="" type="checkbox"/> X	Detached: <input type="checkbox"/>
Bath Wainscot	Marble/Gd	Central: Yes	Fan/Hood: <input checked="" type="checkbox"/> X	Floor: <input type="checkbox"/>	Fence: CBS <input checked="" type="checkbox"/> X	Built-In: 3 CAR
Doors	Wood/Good	Other: No	Microwave: <input checked="" type="checkbox"/> X	Heated: <input type="checkbox"/>	Pool: BLT-IN <input checked="" type="checkbox"/> X	Carport: <input type="checkbox"/>
		Condition: Good	Washer/Dryer: <input checked="" type="checkbox"/> P	Finished: <input type="checkbox"/>	Terrace, Cabana: <input checked="" type="checkbox"/> X	Driveway: 10+

Additional features (special energy efficient items, etc.): SEE TEXT ADDENDUM

COMMENTS

Condition of the improvements, depreciation (physical, functional and external), repairs needed, quality of construction, remodeling/additions, etc.:
SEE TEXT ADDENDUM

Adverse environmental conditions (such as, but not limited to, hazardous wastes, toxic substances, etc.) present in the improvements, on the site, or in the immediate vicinity of the subject property: The subject was constructed before 1978. Per HUD and the EPA Title X Act, the subject may contain lead based paint. No other environmental conditions were known.

ESTIMATED SITE VALUE		= \$	7,400,000	Comments on Cost Approach (such as, source of cost estimate, site value, square foot calculation and for HUD, VA and FmHA, the estimated remaining economic life of the property): Information from Marshall and Swift as well as local builders was referenced to estimate a value by the Cost Approach. The site improvements include: landscaping, driveways, fencing, entries, roofed and open patio/terrace/balcony areas, pool, walkways, etc. The site value was estimated from land sales (see text addendum. The subject has an estimated land value over 30% of its appraised value. This is typical for the neighborhood due to the popularity of the area and the lack of vacant lots; No "As-is" Value of Site Improvements = \$ 795,000 negative marketability is attributed. SEE TEXT ADDENDUM
ESTIMATED REPRODUCTION COST-NEW-OF IMPROVEMENTS:				
Dwelling	11,281 Sq. Ft. @	492 = \$	5,584,095	
**	4,075 Sq. Ft. @	145 =	590,875	
Appliances, A/C, Security System, etc	=		27,500	
Garage/Carport	845 Sq. Ft. @	225 =	190,125	
Total Estimated Cost New		= \$	6,392,595	
	Physical	Functional	External	
Less				
Depreciation	1,022,815	= \$	1,022,815	
Depreciated Value of Improvements		= \$	5,369,780	
"As-is" Value of Site Improvements		= \$	795,000	
INDICATED VALUE BY COST APPROACH		= \$	13,564,800	

ITEM	SUBJECT	COMPARABLE NO. 1	COMPARABLE NO. 2	COMPARABLE NO. 3
Address	5800 N Bay Road	4520 N Bay Rd	5030 N Bay Rd	5130 N Bay Rd
	Miami Beach, FL	Miami Beach, FL	Miami Beach, FL	Miami Beach, FL
Proximity to Subject		1 Mile +/- South	3/4 Mile +/- South	3/4 Mile +/- South
Sales Price	\$ N/APL	\$ 7,755,900	\$ 10,600,000	\$ 10,000,000
Price/Gross Liv. Area	\$ 0	\$ 647.51	\$ 1,207.29	\$ 1,056.75
Data and/or Verification Source	TAX ROLLS MLS, Realist.com	TAX ROLLS REALIST.COM	TAX ROLLS REALIST.COM	TAX ROLLS REALIST.COM
VALUE ADJUSTMENTS	DESCRIPTION	DESCRIPTION + (-) \$ Adjustment	DESCRIPTION + (-) \$ Adjustment	DESCRIPTION + (-) \$ Adjustment
Sales or Financing Concessions		CONV MTG	CONV MTG	CONV MTG
Date of Sale/Time	N/APL	03-16-2004 930,700	05-12-2005 -212,000	05-26-2005 -200,000
Location	WATER FRONT	WATER FRONT	WATER FRONT	WATER FRONT
Leasehold/Fee Simple	FEE SIMPLE	FEE SIMPLE	FEE SIMPLE	FEE SIMPLE
Site	52,881 SF	30,057 SF 3,195,000	33,960 SF 2,649,000	19,320 SF 4,698,500
View	Biscayne Bay at rear	Biscayne Bay	Biscayne Bay	Biscayne Bay
Design and Appeal	2 Story Medit/Gd	2 St Medit/Gd	2 St Medit/Gd	2 St Medit/Gd
Quality of Construction	GOOD	GOOD	GOOD	GOOD
Age	BLT 1929, Eff 15	BLT 1997, Eff 6 -45,000	BLT 1937, Eff 15	BLT 2004, Eff 3 -60,000
Condition	GOOD	GOOD	GOOD	GOOD
Above Grade	Total Bdrms Baths	Total Bdrms Baths	Total Bdrms Baths	Total Bdrms Baths
Room Count	17 11 9.5	16 11 11.5 -40,000	12 7 6.5 60,000	12 7 9.5
Gross Living Area	11,281 Sq. Ft.	11,978 Sq. Ft. -244,000	8,780 Sq. Ft. 875,400	9,463 Sq. Ft. 636,300
Basement & Finished Rooms Below Grade	NO BSMT Gated Entry	NO BSMT Gated Entry	NO BSMT Gated Entry	NO BSMT Gated Entry
Functional Utility	GOOD	GOOD	GOOD	GOOD
Heating/Cooling	CENTRAL A/C	CENTRAL A/C	CENTRAL A/C	CENTRAL A/C
Energy Efficient Item	NONE SPECIAL	NONE SPECIAL	NONE SPECIAL	NONE SPECIAL
Garage/Carport	3 Car Garage	3 Car Garage	4 Car Garage -20,000	2 Car Garage 20,000
Porch, Patio, Deck, Fireplace(s), etc.	Roofed/Open Patios Pool	Rfd/Open Patios Pool	Rfd/Open Patios Pool	Rfd/Open Patios Pool
Fence, Pool, etc.	Appl; 4 Fireplaces	Appl; 1 Firepl 15,000	Appl; 2 Firepl 10,000	Appl; No FPL 20,000
Net Adj. (total)		X + - \$ 3,811,700	X + - \$ 3,362,400	X + - \$ 5,114,800
Adjusted Sales Price of Comparable		49.15 % Net 57.63 % Grs \$ 11,567,600	31.72 % Net 36.10 % Grs \$ 13,962,400	51.15 % Net 56.35 % Grs \$ 15,114,800

Comments on Sales Comparison (including the subject property's compatibility to the neighborhood, etc.): All of the sales are some of the closest and most recent sales with a water frontage on Biscayne Bay. Sales #1, #2, #3 and #4 are located on N Bay Rd. Sale #5 is located on La Gorce Island and has the most similar land size as the subject.

ITEM	SUBJECT	COMPARABLE NO. 1	COMPARABLE NO. 2	COMPARABLE NO. 3
Date, Price, and Data	3/17/05	5/1/95 \$1,125,000	3/8/2001 \$6,400,000	5/24/02 \$2,350,000 Land sale
Source, for prior sales within year of appraisal	\$13,900,000 TAX ROLLS	TAX ROLLS	12/5/07 \$3,150,000 TAX ROLLS	TAX ROLLS

Analysis of any current agreement of sale, option, or listing of the subject property and analysis of any prior sales of subject and comparables within one year of the date of appraisal: The MLS access to the county tax rolls show a purchase of the property on 3/17/05 for \$13,900,000, and a previous sale on 5/6/02 for \$9,500,000. The prior sales of the comparable sales are listed above.

INDICATED VALUE BY SALES COMPARISON APPROACH \$ 13,900,000

INDICATED VALUE BY INCOME APPROACH (If Applicable) Estimated Market Rent \$ N/A /Mo. x Gross Rent Multiplier = \$ N/A

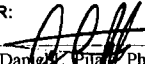
This appraisal is made "as is" subject to repairs, alterations, inspections or conditions listed below subject to completion per plans and specifications.

Conditions of Appraisal: The Income Approach has not been used; The properties in the area are primarily purchased for owner occupancy. The value is subject to any inspection required repairs/conditions, and the attached limiting conditions.

Final Reconciliation: The Sales Comparison Approach is the most accurate method of estimating a market value as it reflects the actions of buyers and sellers in the current market. The Cost Approach was also considered in estimating a market value. The Income Approach is not used as the area is predominantly owner occupied and is not typically used or considered by buyers and sellers of a single family property.

The purpose of this appraisal is to estimate the market value of the real property that is the subject of this report, based on the above conditions and the certification, contingent and limiting conditions, and market value definition that are stated in the attached Freddie Mac Form 439/Fannie Mae Form 1004B (Revised 6/93).

I (WE) ESTIMATE THE MARKET VALUE, AS DEFINED, OF THE REAL PROPERTY THAT IS THE SUBJECT OF THIS REPORT, AS OF 03/3/2005 (WHICH IS THE DATE OF INSPECTION AND THE EFFECTIVE DATE OF THIS REPORT) TO BE \$ 13,900,000

APPRaiser: Signature  Name Dr. Dan P. Pitaro, Ph.D. Date Report Signed 08/4/2009 State Certification # RZ473 St Cert Gen Appr State FL Or State License # State FL

SUPERVISORY APPRAISER (ONLY IF REQUIRED): Signature Did Not Inspect Property Name _____ Date Report Signed _____ State Certification # _____ State _____ Or State License # _____ State _____

SUPPLEMENTAL SALES 4 5 6 ADDENDUM

File No. 5800Bay

ITEM	SUBJECT	Comparable No. 4			Comparable No. 5			Comparable No. 6		
5800 N Bay Road		6020 N Bay Rd			36 La Gorce Circle					
Address	Miami Beach, FL	Miami Beach, FL			Miami Beach, FL					
Proximity to Subject		1/8 Mile +/- North			1/2 Mile +/- N E					
Sales Price	\$ N/APL	\$ 10,300,000			\$ 10,700,000			\$		
Price/Gross Liv. Area	\$ 0	\$ 1,043.35			\$ 1,906.29			\$ 0		
Data and/or Verification Sources	TAX ROLLS MLS, Realist.com	TAX ROLLS REALIST.COM			TAX ROLLS REALIST.COM					
VALUE ADJUSTMENTS	DESCRIPTION	DESCRIPTION	+(-) \$ Adjustment	DESCRIPTION	+(-) \$ Adjustment	DESCRIPTION	+(-) \$ Adjustment	DESCRIPTION	+(-) \$ Adjustment	
Sales or Financing Concessions		CONV MTG		CONV MTG						
Date of Sale/Time	N/APL	04-07-2005		09-16-2004	749,000				0	
Location	WATER FRONT	WATER FRONT		WATER FRONT					0	
Leasehold/Fee Simple	FEE SIMPLE	FEE SIMPLE		FEE SIMPLE					0	
Site	52,881 SF	23,772 SF	4,075,000	46,874 SF	841,000				0	
View	Biscayne Bay at rear	Biscayne Bay		Biscayne Bay					0	
Design and Appeal	2 Story Medit/Gd	2 St Medit/Gd		2 St Medit/Gd					0	
Quality of Construction	GOOD	GOOD		GOOD					0	
Age	BLT 1929, Eff 15	BLT 1935, Eff 15		BLT 1937, Eff 15					0	
Condition	GOOD	GOOD		GOOD					0	
Above Grade	Total Bdrms Baths	Total Bdrms Baths		Total Bdrms Baths		Total Bdrms Baths		Total Bdrms Baths	0	
Room Count	17 11 9.5	14 9 10	-10,000	16 10 9.5					0	
Gross Living Area	11,281 Sq. Ft.	9,872 Sq. Ft.	493,200	5,613 Sq. Ft.	1,983,800			Sq. Ft.	0	
Basement & Finished Rooms Below Grade	NO BSMT Gated Entry	NO BSMT Gated Entry		NO BSMT Gated Entry					0	
Functional Utility	GOOD	GOOD		GOOD					0	
Heating/Cooling	CENTRAL A/C	CENTRAL A/C		CENTRAL A/C					0	
Energy Efficient Items	NONE SPECIAL	NONE SPECIAL		NONE SPECIAL					0	
Garage/Carport	3 Car Garage	3 Car Garage		2 Car Garage	10,000				0	
Porch, Patio, Deck, Fireplace(s), etc.	Roofed/Open Patios Pool	Rfd/Open Patios Pool		Rfd/Open Patios Pool					0	
Fence, Pool, etc.	Appl; 4 Fireplaces	Appl; 2 FPL	10,000	Appl; 1 Firepl	15,000				0	
Net Adj. (total)		X + - \$ 4,568,200		X + - \$ 3,598,800					0	
Adjusted Sales Price of Comparable		44.35% Net 44.55% Grs \$ 14,868,200		33.63% Net 33.63% Grs \$ 14,298,800		% Net % Grs \$				
ITEM	SUBJECT	Comparable No. 4			Comparable No. 5			Comparable No. 6		
Date, Price and Data	3/17/05	10/28/02 \$3,850,000			2/18/99 \$5,200,000					
Source for prior sales within year of appraisal	\$13,900,000 TAX ROLLS	TAX ROLLS			TAX ROLLS					

SALES COMPARISON ANALYSIS

Analysis of any current agreement of sale, option, or listing of the subject property and analysis of any prior sale of subject and comparables within one year of the date of appraisal:
 The MLS access to the county tax rolls show a previous purchase of the subject on 11/2003 for \$158,900 and in 3/88 for \$64,500. The prior sales of the comparable sales are listed above. No other information was found regarding these prior sales.

Comments on Sales Comparison (including the subject property's compatibility to the neighborhood, etc.):

Borrower: Mark and Elyse Gainer		County: Miami-Dade	
Property Address: 5800 N Bay Road		Zip Code: 33140	
City: Miami Beach	State: FL		
Lender: 3 Design			

Neighborhood Boundaries: The subject's neighborhood is generally bounded by Indian Creek Waterway to the east, Biscayne Bay to the west, approximately 63rd Street to the north, and Arthur Godfrey Road to the south. The neighborhood encompasses approximately 1.5 square miles.

Neighborhood Description: The subject is located on N. Bay Road - a quiet, north/south residential street that runs along the east side of Biscayne Bay in the north/central section of Miami Beach. The property is also within approximately 1.5 miles north of Arthur Godfrey Road. Supporting community amenities including schools, shopping areas, access to the Julia Tuttle Causeway (which intersects with the I-95 Expressway), the Bayshore Golf Course and the La Gorce Golf Course are all within a two mile radius. The La Gorce Country Club is a private golf course and is within 1/8 mile east of the subject.

In the subject's central section of Miami Beach, the water front properties (on the east side of Pinetree Drive and the west side of North Bay Road) continue to have some of the highest prices for single family houses in Miami-Dade County - from \$2,500,000 to over \$15,000,000. Further, many of these original, older large estate houses have been demolished for the construction of new custom built 2 and 3 story houses. The size of the lots as well as the length of the water frontage are two primary considerations in the value of a property as it determines the length of a boat that can be docked behind the house.

Market Conditions: The lower interest rates, a high demand and a limited supply of properties listed for sale resulted in a significant increase in sale prices in the neighborhood from 2002 through 2007 - especially as compared to previous years. Water front properties saw an even higher appreciation rate. This was supported by the limited number of properties that were listed for sale in the MLS from the area as compared to the number of closed sales. Beginning in 1/2007, the demand and sales activity slowed to a more balanced level. However, beginning in 2008, properties began to depreciate. Purchases were typically financed with FHA, VA or Conventional mortgages. Sellers - including those of existing properties and builder/developers of new properties, will typically pay up to 6% of the sale price for repairs, a buyer's closing costs and/or discount points. This is common for the area and does NOT affect the current estimated value or the current marketability of the subject property. (This is considered to be a Complete Appraisal and is presented in a Summary Report format. Its purpose is to estimate a market value as of 3/5/2005. The only intended user is the client/lender listed above).

Site Comments: No apparent adverse site conditions were noted. However, no survey was provided. There is fencing along the front and both the north and south sides of the site. There are two motorized gates to enter the property. There is a long concrete driveway on the south side of the site, and a shorter driveway on the north side of the site. There is a front main entrance, a large roofed rear terrace with a roofed second floor terrace above, and an attached cabana with a barbecue. There is also a large built-in pool in the rear yard. There is also a concrete sea wall along the entire rear of the site with a wood dock and davits.

Additional features (special energy efficient items, etc.): Modern kitchen. Security system with video cameras. Four fireplaces. Marble flooring on the first floor and hardwood flooring on the second floor. Large second floor terrace off the master bedroom. Custom central a/c systems. Custom interior finishes including exotic wood trim, decorative iron railings, etc. Large roofed rear terrace with a large roofed balcony above. Attached cabana with a barbecue. Large built-in pool. Concrete sea wall with davits and a wood dock. CBS wall across the front with two motorized gates.

Condition of Improvements

As of the requested date of value, the overall condition of the subject was considered to be good. No inadequacies were noted. The subject is a large, 2 story mediterranean style house that appears to have had a variety of additions since its original construction. One of the primary considerations in the valuation of the property is that it has a VERY large site size of 52,881 sf with a direct visibility and approximately 186 feet of water frontage on Biscayne Bay. The site also has excellent landscaping. This frontage offers an excellent water view as well as an opportunity for the dockage of large boats. The Realist.com data appears to show that the house has had a variety of additions since its original construction. It also shows a building square footage of 11,103 square feet and a 'total square footage' of 12,498 sf.

These are the primary marketing and valuation features of the property.

LAND SALES:

4580 N Bay Rd: 24,805 sf, sold on 3/14/03 for \$2,650,000 or \$106.83/sf;
 1531 W 22 Street: 13,125 sf, sold on 10/25/04 for \$1,750,000 or \$133.33/sf;
 4340 N Bay Rd: 16,000 sf, sold on 8/12/04 for \$2,600,000 or \$162.50/sf;
 66 S Hibiscus Dr: 10,500 sf, sold on 5/12/03 for \$1,425,000 or \$135.71/sf;
 269 N Hibiscus Dr: 12,250 sf, sold on 9/11/03 for \$1,500,000 or \$122.45/sf;
 297 N Hibiscus Dr: 10,500 sf, sold on 11/18/03 for \$1,365,000 or \$130.00/sf;

Subject: 52,881 sf x \$140/sf = \$7,403,340 or \$7,400,000 rounded site value

Borrower: Mark and Elyse Gainor
Property Address: 5800 N Bay Road
City: Miami Beach
Lender: 3 Design

State: FL

County: Miami-Dade
Zip Code: 33140

(The following letter was prepared on 2/24/09. It was requested in order to provide a depreciated replacement cost for the subject structures. The Appraiser was requested to include this letter with this appraisal as part of the cost approach calculations for this appraisal).

February 24, 2009

Mr. Anthony Leon
3Design Inc
4300 Biscayne Blvd
Miami, Florida 33137

RE: Estimated Cost Approach calculation for the existing single family house located at 5800 North Bay Road, Miami Beach, Florida.

Dear Mr. Leon:

As requested, I conducted an exterior physical inspection on the property located at 5800 North Bay Road, Miami Beach, Florida in order to provide you with a replacement cost calculation for this property. Also, as requested, this letter is intended to estimate a replacement cost as of 3/3/2005.

As requested, this letter is intended as an appraisal of this property with the only intended purpose being to provide a replacement cost calculation for the reconstruction of the existing structures and improvements. As a result, neither a sales comparison approach nor an income capitalization approach to estimate a current market value have been requested or included with this letter. Additionally, a land value of the subject site has NOT requested or included in this letter.

Note that for this letter, an exterior physical inspection of the subject property WAS conducted. Also, a copy of an appraisal conducted by Christian Serio and dated 3/3/2005 was also provided. Additionally, you provided a magazine article that included interior photos and a description of the property. However, no other inspection reports were provided regarding the existing amenities and condition of the property. Additionally, NO other data or reports (e.g. structural, environmental, etc) were provided regarding the condition of the property.

The intended user, use and function of this letter is to provide you with an estimate of the replacement cost calculation as of 3/3/2005 for the reconstruction of the existing structures and improvements. The Appraiser was informed that this letter would be presented to the City of Miami Beach regarding a prior renovation of the property.

In conducting this replacement cost calculation, the Appraiser assumed that the existing subject property had - as of 3/3/2005, all of the required municipal approvals, certificates of use and occupancy, and is in conformance with all of the required municipal standards. NO investigation has been conducted to determine if any of these requirements existed.

It is also important to recognize that in estimating the replacement cost for the existing structures and improvements, the Appraiser must consider and include ALL of the Miami-Dade County and City of Miami Beach building codes in the replacement cost calculations. These current codes add a significant cost to the reconstruction of the existing structures as compared to the codes that were in place at the time the existing structures were original built. Further, the location of the property on west side of North Bay Road - with a direct frontage on Biscayne Bay, adds significant costs as foundation piling would probably be required for the foundation for all structures.

Borrower: Mark and Elyse Gainor
Property Address: 5800 N Bay Road
City: Miami Beach
Lender: 3 Design

State: FL

County: Miami-Dade
Zip Code: 33140

The county tax rolls show that the subject property consists of an existing 2 story, single family house that was constructed in 1929. The tax rolls show that the entire property is listed as having 11 bedrooms and 9 bathrooms, an 'adjusted square footage' of 10,852 square feet and a 'total square footage' of 10,290 square feet.

Based on the building sketch included in the Christian Serio appraisal, the house is a 2 story structure with a total of 11,281 square feet of air conditioned space. There is also a built-in 3 car garage with 828 square feet. The appraisal shows that the house has a total of 11 bedrooms and 9.5 bathrooms. There is also a large built-in roofed rear patio on the first floor with a larger roofed second floor terrace above the first floor patio and extending over a portion of the first floor of the house. Additionally, there is also a large open patio area with a built-in pool, and an attached cabana at the rear of the house.

All of the buildings have a CBS style of construction and barrel tile roofing. The house had marble flooring on the first floor and hardwood flooring on the second floor, plaster interior walls and ceilings, nine (9) central air conditioning units, marble finishes in the bathrooms, and casement style windows. There are also four fireplaces.

The appraisal report stated that the house was in excellent condition and that all finishes had the highest quality craftsmanship. Other information was provided which indicated that the house had numerous custom built-in features as well as a wide variety of exotic and custom materials.

These materials included Venetian Plaster on the walls. There was a variety of Brazilian walnut, teak, mahogany, ipe and cherry woods that were used for the flooring, paneling and ornate decorative trim throughout the house, the built-in cabinets and the interior and exterior doors.

The house also apparently had a variety of 'top-of-the-line' Kohler plumbing fixtures. There was imported Italian marble flooring and wainscot, with numerous decorative inlaid designs in the flooring, walls and bathrooms. There was also a variety of custom designed, ornate iron railings and gates throughout the house.

The county tax rolls show that the property has a total land size of 52,881 square feet (1.214 acres). The Appraiser was informed that the property has municipal water and sewer system. The property backs to Biscayne Bay. Additionally, there is a concrete sea wall along the rear of the site that is approximately 186 feet long. There is also a wood dock and davits.

The Cost Approach is a method (to value) in which the estimated reproduction or replacement cost for the (re)construction of the existing buildings and all required site improvements, (or the construction cost of a new or proposed building), less the estimated depreciation, plus the value of the land, are estimated and added to arrive at a current market value.

The use and accuracy of the Cost Approach is most applicable for a newer structure as there is usually a limited physical depreciation, and typically a limited or no functional or economic depreciation. Thus, these items can more easily and accurately be estimated, which results in a more accurate estimation of a market value.

The existing building/improvements were built in 1929. Due to this age, there is a significant difficulty in estimating the total accrued depreciation. However, the Serio appraisal report indicated that the house was in excellent condition.

Borrower: Mark and Elyse Gainor
Property Address: 5800 N Bay Road
City: Miami Beach
Lender: 3 Design

State: FL

County: Miami-Dade
Zip Code: 33140

As noted, this letter is intended as an appraisal of this property with the only intended purpose being to provide a depreciated replacement cost calculation for the reconstruction of the existing structures and improvements. As a result, neither a sales comparison approach nor an income capitalization approach to estimate a current market value have been requested or included with this letter. Additionally, a land value of the subject site has NOT requested or included in this letter.

The Marshall and Swift Valuation Service was used as a guide in the calculations. However, I have primarily relied on conversations and information that was provided by local builders and contractors regarding local costs.

The Appraiser was informed that the owners extensively renovated the existing structures. For this letter, the depreciated replacement cost calculation reflects the cost to (re)build the existing structures with the same layout, utility and quality as the existing structures.

REPLACEMENT COST CALCULATION

The cost estimate is based on the current construction codes and requirements that a builder would need to follow to rebuild the existing structures. These include: CBS structures with a piling support foundation, windows with hurricane shutters or hurricane impact resistant windows, nine central air conditioning units for the entire living area, new electric wiring/service and fixtures, new plumbing service and fixtures, current insulation standards, etc, as well as ALL of the exotic and custom materials (some of which were referenced on page 2) that would be necessary to replace (rebuild) the numerous custom features in the house.

The costs must also necessarily include all of the material costs and the typical contractor and sub-contractor costs that would necessarily be incurred and would need to be paid to replace (i.e. rebuild) the existing structures. Further, given the high quality and water front location of the property, the cost calculations must also include an additional 10% cost factor for the numerous miscellaneous expenses and changes that normally and typically arise during the (re)construction process.

As directed, the cost calculations do NOT include any costs that would normally be incurred for the removal of any existing lead based paint and any other potential environmental contaminants that may exist in the structures given that it was constructed in 1929. Also, the Appraiser was directed to NOT include any demolition costs that would be incurred to demolish the existing structures and to prepare the site for the (re)construction of any new structures.

The replacement construction cost estimate per square foot includes all of the costs there have been referenced above that would be incurred for the reconstruction of the existing structures in their current use. The replacement cost calculation is below.

Borrower: Mark and Elyse Gainor		County: Miami-Dade
Property Address: 5800 N Bay Road		Zip Code: 33140
City: Miami Beach	State: FL	
Lender: 3 Design		

Calculation of Building Replacement Cost

Main house building Square Footage:	11,281 *
Cost per Square Foot:	495

	\$5,584,095
Garage square footage:	828 *
Cost per Square Foot:	225

	\$ 186,300
Exterior Covered Areas:	1,575 *
Cost per Square Foot:	225

	\$ 354,375
Exterior Uncovered Areas:	2,500
Cost per Square Foot:	95

	\$ 237,500

Sub Total:	\$6,362,270
Less Total Depreciation at 16%:	(\$1,017,963)**

Estimated Depreciated Replacement Cost:	\$5,344,307

TOTAL ESTIMATED DEPRECIATED REPLACEMENT COST:

\$5,344,000 (rounded)

Notes:

* Square footage per Christian Sergio appraisal

** Depreciation based on an effective age of 12 years and a total economic life of 75 years (12/75 = 16%).

As noted, this letter is NOT intended as an estimate of the current market value of the subject property. Rather, this Appraiser was ONLY requested to estimate a depreciated replacement cost calculation for the existing structures and improvements in their use and layout as of 3/3/2005. This letter and calculation is based on the appraisal and sketch that was provided, the physical exterior inspection and measurements that were taken of the structures, and the calculations of the square footage for the existing structures and improvements.

Borrower: Mark and Elyse Gainor
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Lender: 3 Design

State: FL

County: Miami-Dade
Zip Code: 33140

Since this is a replacement cost calculation and NOT a market valuation, neither a Sales Comparison Approach nor an Income Capitalization Approach were considered or used for this letter. It MUST be recognized that any negative environmental conditions that may be found to exist in the subject structures or site, or in the immediate neighborhood of the subject property that would require remedial environmental work would result in a significant increase in the cost calculations as these additional environmental remedial costs would NEED to be included in the calculations. They could also affect the marketability and value in excess of the time and costs to complete the work.

Also, the calculation of the replacement cost ASSUMES that the property has and would be approved for all of the required municipal permits, approvals and certificates of construction, occupancy and use in compliance with all of the applicable municipal requirements. As noted earlier, NO investigation was conducted to determine if any of these requirements exist.

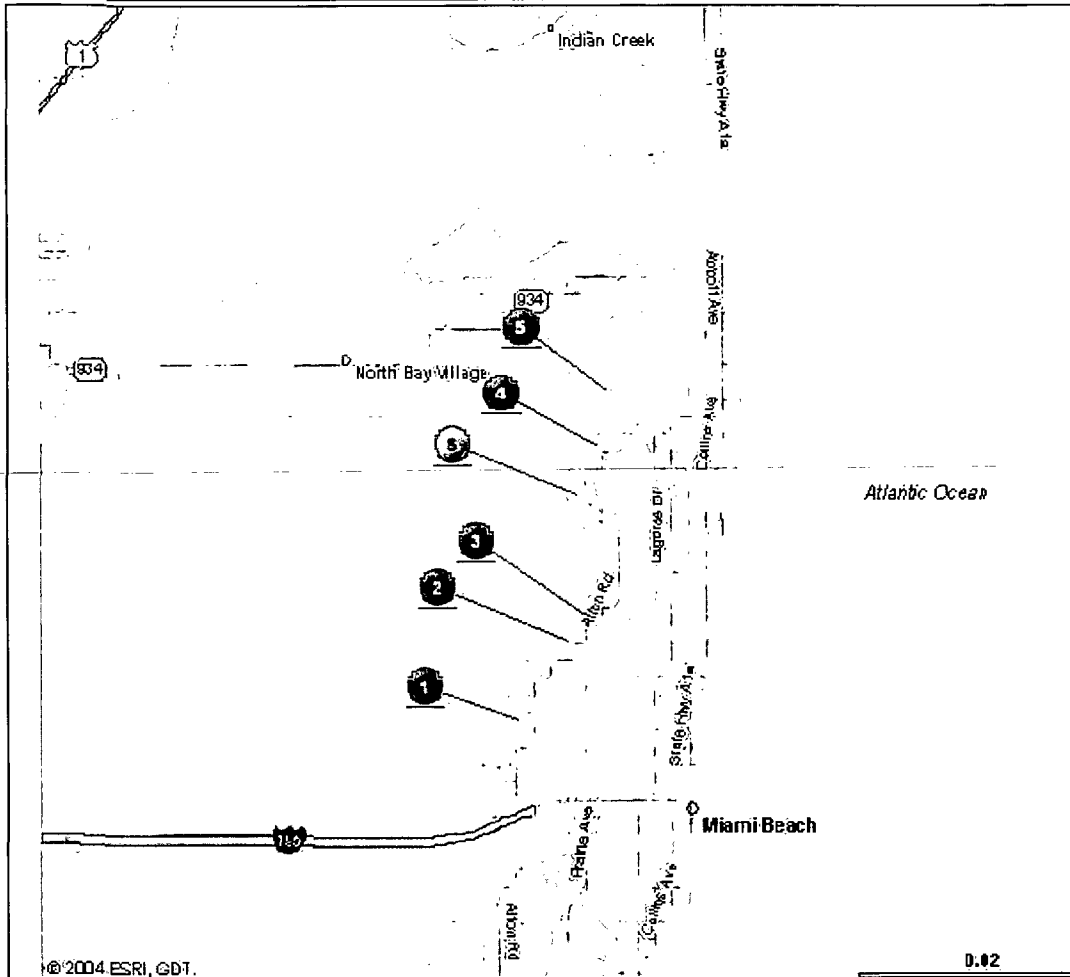
Finally, it must be noted that the federal departments of the EPA and HUD have issued joint regulations regarding the disclosure of information on lead based paint and lead based paint hazards of pre-1978 housing. These regulations became effective in September, 1996. The subject building currently HAS a "residential housing" use and was built prior to 1978 when lead based paint and other known potential environmental contaminating products were commonly used. Without extensive testing, it is impossible to determine if there is any lead based paint (or the amount) or other known contaminating products existed and/or still exist in the structures. Therefore, caution is advised regarding the ownership, occupancy, renovation, leasing and/or sale of the existing property.

Dr. Daniel L. Pilato, Ph.D., GAA
State Certified General Appraiser #RZ473
Associate Member of the Appraisal Institute

LOCATION MAP ADDENDUM

5800Bay

Borrower Mark and Elyse Gainor
 Property Address 5800 N Bay Road
 City Miami Beach County Miami-Dade State FL Zip Code 33140
 Lender/Client 3 Design



COMPARABLE SALES INFORMATION

COMPARABLE SALE #1				COMPARABLE SALE #6			
Address: 4520 N Bay Rd				Address:			
Date of Sale:	03-16-2004	Sale Price:	7,755,900	Date of Sale:		Sale Price:	
Room Count - Total:	16	Bedrooms:	11	Baths:	11.5	Room Count - Total:	
Gross Living Area:	11,978			Gross Living Area:			
Proximity to Subject: 1 Mile +/- South				Proximity to Subject:			
COMPARABLE SALE #2				COMPARABLE SALE #7			
Address: 5030 N Bay Rd				Address:			
Date of Sale:	05-12-2005	Sale Price:	10,600,000	Date of Sale:		Sale Price:	
Room Count - Total:	12	Bedrooms:	7	Baths:	6.5	Room Count - Total:	
Gross Living Area:	8,780			Gross Living Area:			
Proximity to Subject: 3/4 Mile +/- South				Proximity to Subject:			
COMPARABLE SALE #3				COMPARABLE SALE #8			
Address: 5130 N Bay Rd				Address:			
Date of Sale:	05-26-2005	Sale Price:	10,000,000	Date of Sale:		Sale Price:	
Room Count - Total:	12	Bedrooms:	7	Baths:	9.5	Room Count - Total:	
Gross Living Area:	9,463			Gross Living Area:			
Proximity to Subject: 3/4 Mile +/- South				Proximity to Subject:			
COMPARABLE SALE #4				COMPARABLE SALE #9			
Address: 6020 N Bay Rd				Address:			
Date of Sale:	04-07-2005	Sale Price:	10,300,000	Date of Sale:		Sale Price:	
Room Count - Total:	14	Bedrooms:	9	Baths:	10	Room Count - Total:	
Gross Living Area:	9,872			Gross Living Area:			
Proximity to Subject: 1/8 Mile +/- North				Proximity to Subject:			
COMPARABLE SALE #5							
Address: 36 La Gorce Circle							
Date of Sale:	09-16-2004	Sale Price:	10,700,000				
Room Count - Total:	16	Bedrooms:	10	Baths:	9.5		
Gross Living Area:	5,613						
Proximity to Subject: 1/2 Mile +/- N E							

ADDITIONAL ATTACHMENT

5800Bay

Borrower	Mark and Elyse Gainor						
Property Address	5800 N Bay Road						
City	Miami Beach	County	Miami-Dade	State	FL	Zip Code	33140
Lender/Client	3 Design						



BUILDING SKETCH ADDENDUM

5800Bay

Borrower <u>Mark and Elyse Gainor</u>					
Property Address <u>5800 N Bay Road</u>					
City	<u>Miami Beach</u>	County	<u>Miami-Dade</u>	State	<u>FL</u>
Zip Code	<u>33140</u>				
Lender/Client <u>3 Design</u>					

1001-14-00MS 1.5.14N DENKILL LYRKH 1001-14-00MS 1.5.14N

SKETCH ADDENDUM SCOTT ADRI 1001-14-00MS 1.5.14N

Borrower/Client: MARK GAINOR
 Property Address: 5800 N BAY RD
 City: MIAMI BEACH County: MIAMI-DADE State: FL Zip Code: 33140
 Lender: PIRRELLI GÖTTSCHE LOWE

Code	Description	Area	Volume
100	1st Floor	10,000	10,000
200	2nd Floor	5,000	10,000
300	Pool	1,000	1,000
400	Garage	2,000	2,000
500	Deck	1,000	1,000
600	Other	1,000	1,000
TOTAL (GROSS)		20,000	20,000

Code	Description	Area	Volume
100	1st Floor	10,000	10,000
200	2nd Floor	5,000	10,000
300	Pool	1,000	1,000
400	Garage	2,000	2,000
500	Deck	1,000	1,000
600	Other	1,000	1,000
TOTAL (GROSS)		20,000	20,000

C & C APPRAISAL, INC.

SUBJECT PHOTOGRAPH ADDENDUM

5800Bay

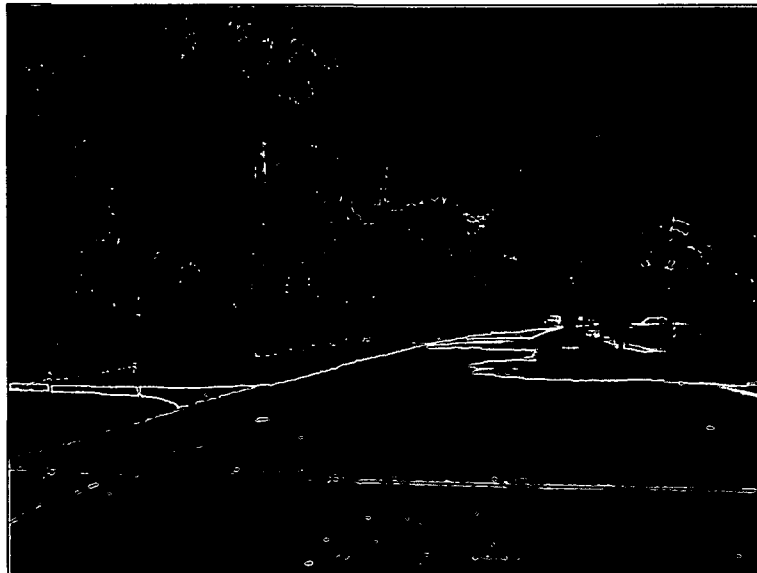
Borrower	Mark and Elyse Gainor						
Property Address	5800 N Bay Road						
City	Miami Beach	County	Miami-Dade	State	FL	Zip Code	33140
Lender/Client	3 Design						



FRONT OF
SUBJECT PROPERTY



REAR OF
SUBJECT PROPERTY

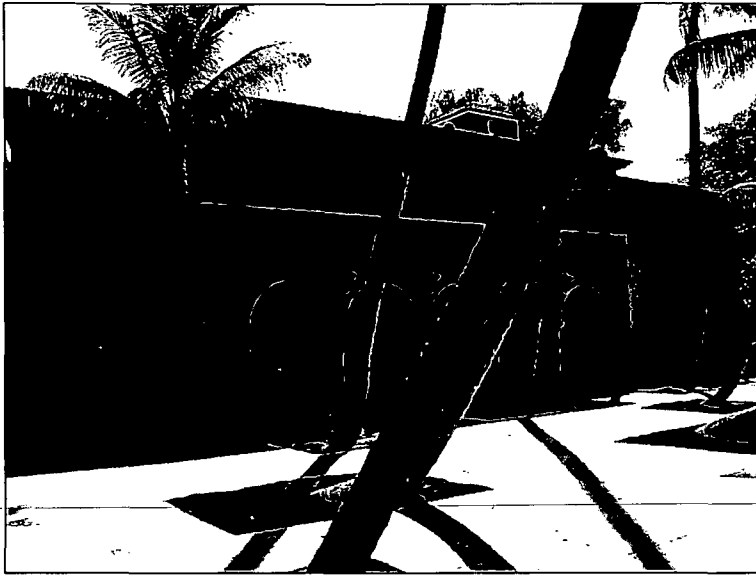


STREET SCENE

ADDITIONAL PHOTOGRAPH ADDENDUM

5800Bay

Borrower	Mark and Elyse Gainor						
Property Address	5800 N Bay Road						
City	Miami Beach	County	Miami-Dade	State	FL	Zip Code	33140
Lender/Client	3 Design						



ADDITIONAL REAR
VIEW OF HOUSE



POOL AREA ALSO
SHOWING BAY VIEW

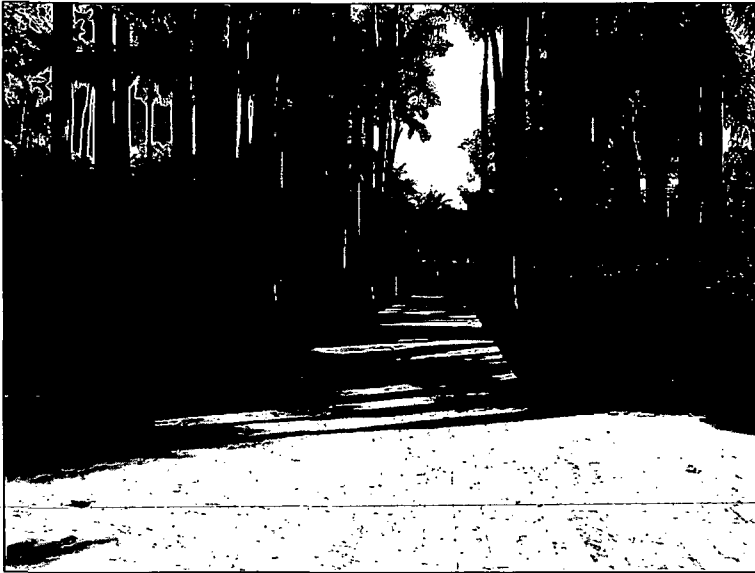


BAY VIEW FROM
REAR YARD SHOWING
DOCK

ADDITIONAL PHOTOGRAPH ADDENDUM

5800Bay

Borrower	Mark and Elyse Gainor						
Property Address	5800 N Bay Road						
City	Miami Beach	County	Miami-Dade	State	FL	Zip Code	33140
Lender/Client	3 Design						



MAIN DRIVEWAY



SOUTH SIDE
ENTRANCE



GARAGE AREA

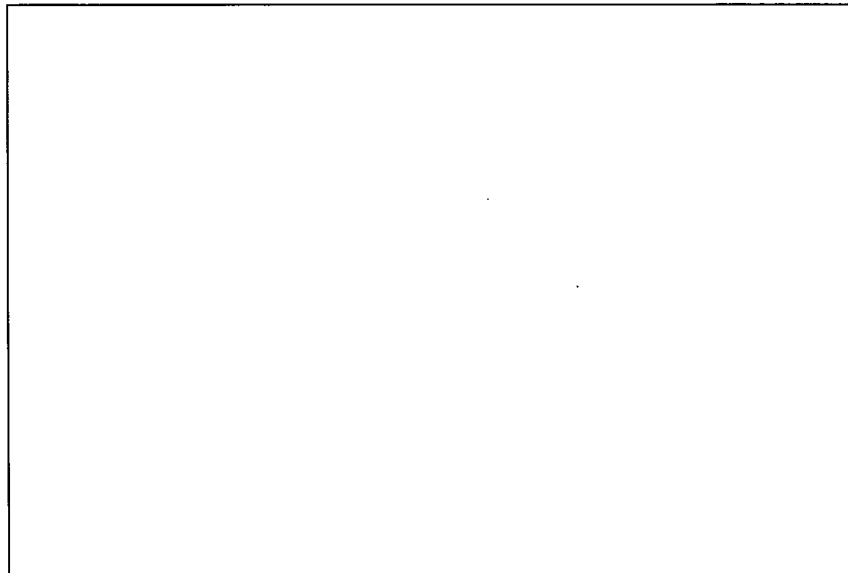
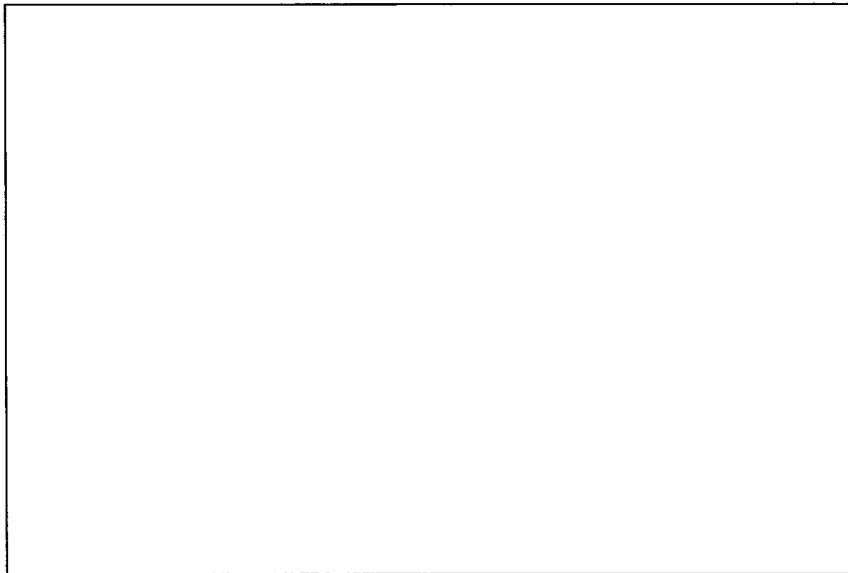
ADDITIONAL PHOTOGRAPH ADDENDUM

5800Bay

Borrower	Mark and Elyse Gainor						
Property Address	5800 N Bay Road						
City	Miami Beach	County	Miami-Dade	State	FL	Zip Code	33140
Lender/Client	3 Design						



MAIN DRIVEWAY



COMPARABLES PHOTOGRAPH ADDENDUM

5800Bay

Borrower	Mark and Elyse Gainor						
Property Address	5800 N Bay Road						
City	Miami Beach	County	Miami-Dade	State	FL	Zip Code	33140
Lender/Client	3 Design						



COMPARABLE SALE # 1
4520 N Bay Rd

Miami Beach, FL

Date of Sale : 03-16-2004
Sale Price : 7,755,900
Sq. Ft. : 11,978
\$/ Sq. Ft. : 647.51



COMPARABLE SALE # 2
5030 N Bay Rd

Miami Beach, FL

Date of Sale : 05-12-2005
Sale Price : 10,600,000
Sq. Ft. : 8,780
\$/ Sq. Ft. : 1,207.29



COMPARABLE SALE # 3
5130 N Bay Rd

Miami Beach, FL

Date of Sale : 05-26-2005
Sale Price : 10,000,000
Sq. Ft. : 9,463
\$/ Sq. Ft. : 1,056.75

COMPARABLES 4 5 6 PHOTOGRAPH ADDENDUM

5800Bay

Borrower Mark and Elyse Gainer
Property Address 5800 N Bay Road
City Miami Beach County Miami-Dade State FL Zip Code 33140
Lender/Client 3 Design



COMPARABLE SALE # 4
6020 N Bay Rd

Miami Beach, FL

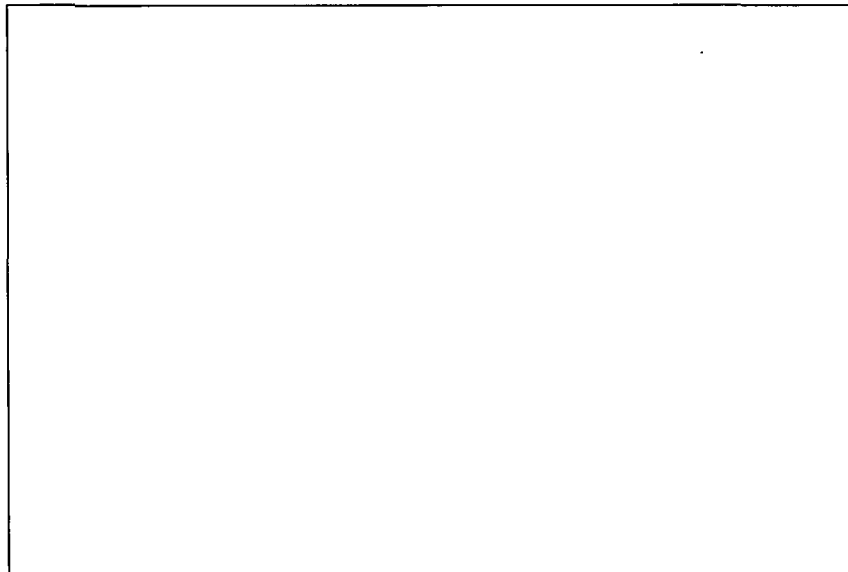
Date of Sale : 04-07-2005
Sale Price : 10,300,000
Sq. Ft. : 9,872
\$/ Sq. Ft. : 1,043.35



COMPARABLE SALE # 5
36 La Gorce Circle

Miami Beach, FL

Date of Sale : 09-16-2004
Sale Price : 10,700,000
Sq. Ft. : 5,613
\$/ Sq. Ft. : 1,906.29



COMPARABLE SALE # 6

Date of Sale :
Sale Price :
Sq. Ft. :
\$/ Sq. Ft. : 0.000000

Statement of Limiting Conditions

File #: 5800Bay

DEFINITION OF MARKET VALUE: The most probable price which a property should bring in a competitive and open market under all conditions requisite to a fair sale, the buyer and seller, each acting prudently, knowledgeably and assuming the price is not affected by undo stimulus. Implicit in this definition is the consummation of a sale as of a specified date and the passing of title from seller to buyer under conditions whereby: (1) buyer and seller are typically motivated; (2) both parties are well informed or well advised, and each acting in what he considers his own best interest; (3) a reasonable time is allowed for exposure in the open market; (4) payment is made in terms of cash in U.S. dollars or in terms of financial arrangements comparable thereto; and (5) the price represents the normal consideration for the property sold unaffected by special or creative financing or sales concessions* granted by anyone associated with the sale.

* Adjustments to the comparables must be made for special or creative financing or sales concessions. No adjustments are necessary for those costs which are normally paid by sellers as a result of tradition or law in the market area; these costs are readily identifiable since the seller pays these costs in virtually all sales transactions. Special or creative financing adjustments can be made to the comparable property by comparisons to financing terms offered by a third party institutional lender that is not already involved in the property or transaction. Any adjustment should not be calculated on a mechanical dollar cost of the financing or concession but the dollar amount of any adjustment should approximate the market's reaction to the financing or concessions based on the appraiser's judgement.

STATEMENT OF LIMITING CONDITIONS AND APPRAISER'S CERTIFICATION

CONTINGENT AND LIMITING CONDITIONS: The appraiser's certification that appears in the appraisal report is subject to the following conditions:

1. The appraiser will not be responsible for matters of legal nature that affect either the property being appraised or the title to it. The appraiser assumes that the title is good and marketable and, therefore, will not render any opinions about the title. The property is appraised on the basis of it being under responsible ownership.
2. The appraiser has provided a sketch in the appraisal report to show approximate dimensions of the improvements and the sketch is included only to assist the reader of the report in visualizing the property and understanding the appraiser's determination of its size.
3. The appraiser has examined the available flood maps that are provided by the Federal Emergency Management Agency (or other data sources) and has noted in the appraisal report whether the subject site is located in an identified Special Flood Hazard Area. Because the appraiser is not a surveyor, he or she makes no guarantee, express or implied, regarding the determination.
4. The appraiser will not give testimony or appear in court because he or she made an appraisal of the property in question, unless specific arrangements to do so have been made beforehand.
5. The appraiser has estimated the value of the land in the cost approach at its highest and best use and the improvements at their contributory value. These separate valuations of the land and improvements must not be used in conjunction with any other appraisal and are invalid if they are so used.
6. The appraiser has noted in the appraisal report any adverse conditions (such as, needed repairs, depreciation, the presence of hazardous wastes, toxic substances, etc.) observed during the inspection of the subject property or that he or she became aware of during the normal research involved in performing the appraisal. Unless otherwise stated in the appraisal report, the appraiser has no knowledge of any hidden or unapparent conditions of the property or adverse environmental conditions (including the presence of hazardous waste, toxic substances, etc.) that would make the property more or less valuable, and has assumed that there are no such conditions and makes no guarantees or warranties, express or implied, regarding the condition of the property. The appraiser will not be responsible for any such conditions that do exist or for any engineering or testing that might be required to discover whether such conditions exist. Because the appraiser is not an expert in the field of environmental hazards, the appraisal report must not be considered as an environmental assessment of the property.
7. The appraiser obtained the information, estimates, and opinions that were expressed in the appraisal report from sources that he or she considers to be reliable and believes them to be true and correct. The appraiser does not assume responsibility for the accuracy of such items that were furnished by other parties.
8. The appraiser will not disclose the contents of the appraisal report except as provided for in the Uniform Standards of Professional Appraisal Practice.
9. The appraiser has based his or her appraisal report and valuation conclusion for an appraisal that is subject to satisfactory completion, repairs, or alterations on the assumption that completion of the improvements will be performed in a workmanlike manner.
10. The appraiser must provide his or her prior written consent before the lender/client specified in the appraisal report can distribute the appraisal report (including conclusions about the property value, the appraiser's identity and professional designations, and references to any professional appraisal organizations or the firm with which the appraiser is associated) to anyone other than the borrower, the mortgagee or its successors and assigns; the mortgage insurer; consultants; professional appraisal organizations; any state or federally approved financial institution; or any department agency, or instrumentality of the United States or any state or the District of Columbia; except that the lender/client may distribute the property description section of the report only to data collection or reporting service(s) without having to obtain the appraiser's prior written consent. The appraiser's written consent and approval must also be obtained before the appraisal can be conveyed by anyone to the public through advertising, public relations, news, sales, or other media.

APPRAISER'S CERTIFICATION: The Appraiser certifies and agrees that:

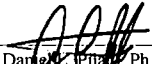
1. I have researched the subject market area and have selected a minimum of three recent sales of properties most similar and proximate to the subject property for consideration in the sales comparison analysis and have made a dollar adjustment when appropriate to reflect the market reaction to those items of significant variation. If a significant item in a comparable property is superior to, or more favorable than, the subject property, I have made a negative adjustment to reduce the adjusted sales price of the comparable and, if a significant item in a comparable property is inferior to, or less favorable than, the subject property, I have made a positive adjustment to increase the adjusted sales price of the comparable.
2. I have taken into consideration the factors that have an impact on value in my development of the estimate of market value in the appraisal report. I have not knowingly withheld any significant information from the appraisal report and I believe, to the best of my knowledge, that all statements and information in the appraisal report are true and correct.
3. I stated in the appraisal report only my own personal, unbiased, and professional analyses, opinions, and conclusions, which are subject only to the contingent and limiting conditions specified in this form. I certify that, to the best of my knowledge and belief: The statements of fact contained in this report are true and correct. The reported analyses, opinions, and conclusions are limited only by the reported assumptions and limited conditions, and are my personal, impartial, and unbiased professional analyses, opinions, and conclusions.
4. I have no present or prospective interest in the property that is the subject of this report, and no personal interest with respect to the parties involved. I did not base, either partially or completely, my analysis and/or the estimate of market value in the appraisal report on the race, color, religion, sex, handicap, familial status, or national origin of either the prospective owners or occupants of the subject property or of the present owners or occupants of the properties in the vicinity of the subject property.
5. I have no present or contemplated future interest in the subject property, and neither my current or future employment nor my compensation for performing this appraisal is contingent on the appraised value of the property.
6. My engagement in this assignment was not contingent upon developing or reporting predetermined results. My compensation for completing this assignment is not contingent upon the development or reporting of a predetermined value or direction in value that favors the cause of the client, the amount of the value opinion, the attainment of a stipulated result, or the occurrence of a subsequent event directly related to the intended use of this appraisal.
7. My analyses, opinions, and conclusions were developed, and this report has been prepared, in conformity with the Uniform Standards of Professional Appraisal Practice in place as of the effective date of this appraisal, with the exception of the departure provision of those Standards, which does not apply. I acknowledge that an estimate of a reasonable time for exposure in the open market is a condition in the definition of market value and the estimate I developed is consistent with the marketing time noted in the neighborhood section of this report, unless I have otherwise stated in the reconciliation section.
8. I have made a personal inspection of the property that is the subject of this report. I further certify that I have noted any apparent or known adverse conditions in the subject improvements, on the subject site, or on any site within the immediate vicinity of the subject property of which I am aware and have made adjustments for these adverse conditions in my analysis of the property value to the extent that I had market evidence to support them. I have also commented about the effect of the adverse conditions on the marketability of the subject property.
9. No one provided significant professional assistance to the person signing this report.

If I relied on significant professional assistance from any individual or individuals in the performance of the appraisal or the preparation of the appraisal report, I have named such individual(s) and disclosed the specific tasks performed by them in the reconciliation section of this appraisal report. I certify that any individual so named is qualified to perform the tasks. I have not authorized anyone to make a change to any item in the report; therefore, if an unauthorized change is made to the appraisal report, I will take no responsibility for it.

SUPERVISORY APPRAISER'S CERTIFICATION: If a supervisory appraiser signed the appraisal report, he or she certifies and agrees that: I directly supervise the appraiser who prepared the appraisal report, have reviewed the appraisal report, agree with the statements and conclusions of the appraiser, agree to be bound by the appraiser's certifications numbered 4 through 7 above, and am taking full responsibility for the appraisal and the appraisal report.

ADDRESS OF PROPERTY APPRAISED: 5800 N Bay Road Miami Beach FL 33140

APPRAISER:**SUPERVISORY APPRAISER**

Signature: 
 Name: Dr. Daniel Pilato, Ph.D.
 Date Signed: 8/4/2009
 State Certification #: RZ473 St Cert Gen Appr FL
 or State License #: FL
 Expiration Date of Certification or License: 11/30/2010

Signature: _____
 Name: _____
 Date Signed: _____
 State Certification #: _____
 or State License #: _____
 Expiration Date of Certification or License: _____

**MULTI-PURPOSE SUPPLEMENTAL ADDENDUM
FOR FEDERALLY-RELATED TRANSACTIONS**

File No.: 5800Bay

Borrower/Client <u>Mark and Elyse Gainor</u>			
Property Address <u>5800 N Bay Road</u>			
City <u>Miami Beach</u>	County <u>Miami-Dade</u>	State <u>FL</u>	Zip Code <u>33140</u>
Lender <u>3 Design</u>			

This Multi-Purpose Supplemental Addendum for Federally Related Transactions was designed to provide the appraiser with a convenient way to comply with the current appraisal standards and requirements of the Federal Deposit Insurance Corporation (FDIC), the Office of the Comptroller of Currency (OCC), The Office of Thrift Supervision (OTS), the Resolution Trust Corporation (RTC) and the Federal Reserve.

**This Multi-Purpose Supplemental Addendum is for use with any appraisal.
Only those statements which have been checked by the appraiser apply to the property being appraised.**

PURPOSE & FUNCTION OF APPRAISAL

The purpose of the appraisal is to estimate the market value of the subject property as defined herein. The function of the appraisal is to assist the above-named Lender in evaluating the subject property for lending purposes. This is a Federally related transaction.

EXTENT OF APPRAISAL PROCESS

The appraisal is based on the information gathered by the appraiser from public records, other identified sources, inspection of the subject property and neighborhood, and selection of comparable sales within the subject market area. The original source of the comparables is shown in the Data Source section of the market grid along with the source of confirmation, if available. The original source is presented first. The sources and data are considered reliable. When conflicting information was provided, the source deemed most reliable has been used. Data believed to be unreliable was not included in the report nor used as a basis for the value conclusion.

The Reproduction Cost is based on Marshall and Swift and local builders supplemented by the appraiser's knowledge of the local market.

Physical depreciation is based on the estimated effective age of the subject property. Functional and/or external depreciation, if present, is specifically addressed in the appraisal report or other addenda. In estimating the site value, the appraiser has relied on personal knowledge of the local market. This knowledge is based on prior and/or current analysis of site sales and/or abstraction of site values from sales of improved properties.

The subject property is located in an area of primarily owner-occupied single family residences and the Income Approach is not considered to be meaningful. For this reason, the Income Approach was not used.

The Estimated Market Rent and Gross Rent Multiplier utilized in the Income Approach are based on the appraiser's knowledge of the subject market area. The rental knowledge is based on prior and/or current rental rate surveys of residential properties. The Gross Rent Multiplier is based on prior and/or current analysis of prices and market rates for residential properties.

For income producing properties, actual rents, vacancies and expenses have been reported and analyzed. They have been used to project future rents, vacancies and expenses.

SUBJECT PROPERTY OFFERING INFORMATION

According to MULTIPLE LISTING SERVICE the subject property;

has not been offered for sale in the past 12 months or _____ years.

is currently offered for sale for \$ _____.

was offered for sale within the past _____ months or _____ years.

Offering information was considered in the final reconciliation of value.

Offering information was not considered in the final reconciliation of value.

Offering information was not available. The reasons for unavailability and the steps taken by the appraiser are explained later in this addendum.

SALES HISTORY OF SUBJECT PROPERTY

According to MIAMI-DADE COUNTY TAX ROLLS the subject property;

has not transferred in the past _____ months or 3 years.

has transferred in the past _____ months or _____ years.

All prior sales which have occurred in the past _____ months or _____ years are listed below and reconciled to the appraised value, either in the body of the report or in the addenda.

Date	Sales Price	Document #	Seller	Buyer

FEMA FLOOD HAZARD DATA

Subject property is not located in a FEMA Special Flood Hazard Area.

Subject is located in a FEMA Special Flood Hazard Area.

Zone	FEMA Map/Panel #	Map Date	Name of Community
AE	12025C 0182 J	3/2/94	DADE COUNTY, FLORIDA

The community does not participate in the National Flood Insurance Program.

The community does participate in the National Flood Insurance Program.

It is covered by a regular program.

It is covered by an emergency program.

- The subject property is currently not under contract.
- The contract and/or escrow instructions were not available for review. The unavailability of the contract is explained later in the addenda section.
- The contract and/or escrow instructions were reviewed. The following summarizes the contract:

Contract Date	Amendment Date	Contract Price	Seller
N/APL			N/APL
- The contract indicated that personal property was not included in the sale.
- The contract indicated that personal property was included. It consisted of _____ Estimated contributory value is \$ _____
- Personal property was not included in the final value estimate.
- Personal property was included in the final value estimate.
- The contract indicated no financing concessions or other incentives.
- The contract indicated the following concessions or incentives _____
- If concessions or incentives exist, the comparables were checked for similar concessions and appropriate adjustments were made, if applicable, so that the final value conclusion is in compliance with the Market Value defined herein.

MARKET OVERVIEW Include an explanation of current market conditions and trends.

3-6 _____ months is considered a reasonable marketing period for the subject property based on the market conditions as of the requested date of the appraisal.

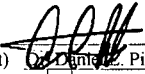
- ADDITIONAL CERTIFICATION**
- The Appraiser certifies and agrees that:
- (1) Their analyses, opinions and conclusions were developed, and this report was prepared, in conformity with the Uniform Standards of Professional Appraisal Practice ("USPAP"), and in accordance with the regulations developed by the Lender's Federal Regulatory Agency as required by FIRREA, except that the Departure Provisions of the USPAP do not apply.
 - (2) Their compensation is not contingent upon the reporting of predetermined value or direction in value that favors the cause of the client, the amount of the value estimate, the attainment of a stipulated result, or the occurrence of a subsequent event.
 - (3) This appraisal assignment was not based on a requested minimum valuation, a specific valuation, or the approval of a loan.

ADDITIONAL (ENVIRONMENTAL) LIMITING CONDITIONS

The value estimated is based on the assumption that the property is not negatively affected by the existence of hazardous substances or detrimental environmental conditions unless otherwise stated in this report. The appraiser is not an expert in the identification of hazardous substances or detrimental conditions. The appraiser's routine inspection of and inquiries about the subject property did not develop any information that indicated any apparent significant hazardous substances or detrimental environmental conditions which would affect the property negatively unless otherwise stated in this report. It is possible that tests and inspections made by a qualified hazardous substance and environmental expert would reveal the existence of hazardous substances or detrimental environmental conditions on or around the property that would negatively affect its value.

ADDITIONAL COMMENTS

APPRAISER'S SIGNATURE & LICENSE/CERTIFICATION

Appraiser's Signature  Effective Date 3/3/2005 Date Prepared 8/4/2009
Appraiser's Name (print) Daniel E. Pilato, Ph.D. Phone # (305) 305-342-1390
State FL License Residential Certification Certification # RZ473 St Cert Gen Appr Tax ID # _____

- CO-SIGNING APPRAISER'S CERTIFICATION**
- The co-signing appraiser has personally inspected the subject property, both inside and out, and has made an exterior inspection of all comparable sales listed in the report. The report was prepared by the appraiser under direct supervision of the co-signing appraiser. The co-signing appraiser accepts responsibility for the contents of the report including the value conclusions and the limiting conditions, and confirms that the certifications apply fully to the co-signing appraiser.
 - The co-signing appraiser has not personally inspected the interior of the subject property and;
 - has not inspected the exterior of the subject property and all comparable sales listed in the report.
 - has inspected the exterior of the subject property and all comparable sales listed in the report.
 - The report was prepared by the appraiser under direct supervision of the co-signing appraiser. The co-signing appraiser accepts responsibility for the contents of the report, including the value conclusions and the limiting conditions, and confirms that the certifications apply fully to the co-signing appraiser with the exception of the certification regarding physical inspections. The above describes the level of inspection performed by the co-signing appraiser.
 - The co-signing appraiser's level of inspection, involvement in the appraisal process and certification are covered elsewhere in the addenda section of this appraisal.

CO-SIGNING APPRAISER'S SIGNATURE

Appraiser's Signature _____ Trainee Review Other
Appraiser's Name (print) _____ SS # _____
State _____ License Certified Residential Certified # _____



MIAMIBEACH

BUILDING DEPARTMENT

1700 Convention Center Drive, 2nd Floor
Miami Beach, FL 33139

CERTIFICATE OF OCCUPANCY/COMPLETION REQUEST FORM

Please Allow 72 Hours for Processing

Permit Number: 30600445 Date: _____

Folio Number: _____

Description of Work: CO for 2nd floor add & Rmt. to ex. pool cabana.

Owner Name: _____

Contact Name: _____

Job Address: 5800 N. Bay Rd. Apt/Suite #: _____

City/Zip: Miami Beach, Fla

Phone Number: _____ Alternate Phone #: _____

REQUIRED DOCUMENTS (CHECKLIST)

For Office Use Only

- A/E Affidavit
- Final Boundary Survey (Signed & Sealed by Professional Surveyor)
- MDWSD Compliance Letter
- Final Elevation Certificate / Flood Proofing Certificate (Commercial Only)

Comments:

Not major improvement as per A/E affidavits. final job valuation and property appraisal.

CO/CC Issued by: [Signature] Date Issued: 9-04-09.

B0600445 AE AFDVT

CITY OF MIAMI BEACH

11/15/2014



MIAMIBEACH

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: 1.30.09

Permit Number: B0600445

Project Description: INTERIOR RENOVATION.

Owner: MARK J GAINOR & W. ELYSE S.

Architect and/or Engineering Firm: 3DESIGN, INC.

Name of Architect or Engineer of Record: ANTHONY LEON - ARCHITECT

Address of Architect / Engineering Firm: 4300 BISCAYNE BLVD # 904 MIAMI, FL. 33137

Contact Number: 305 4389377

Part One: Architect / Engineer Affidavit: To be Submitted Prior to Permit Issuance.

I, ANTHONY LEON. 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: _____

N/A

12,800 - 10,765 Sq. FT.

N/A

N/A

\$ 2,559,819.65

2,534,764.40 LFR

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.

Signature of Architect/Engineer

STATE OF FLORIDA

COUNTY OF DADE

Sworn to and subscribed 28 day of January

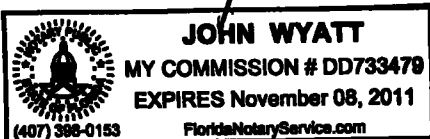
2009, by: Anthony Leon

Personally known to me: [] or Procured Identification

Type of Identification: N/A

[] DID TAKE OATH [] DID NOT TAKE OATH

Signature of Notary Public





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: 1.30.09

Permit Number: B0801495

Project Description: INTERIOR RENOVATION

Owner: MARK J GAINOR & W. ELYSES.

Architect and/or Engineering Firm: 3DESIGN, INC.

Name of Architect or Engineer of Record: ANTHONY LEON - ARCHITECT

Address of Architect / Engineering Firm: 1300 BISCAYNE BLVD #6-04 MIAMI, FL 33137

Contact Number: 305 4389377

Part One: Architect / Engineer Affidavit: To be Submitted Prior to Permit Issuance.

I, ANTHONY LEON 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: N/A

Total Gross Floor Area of Alteration / Repair: 325 SQ. FT

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

Multi-Family, Commercial, and Industrial

Total Estimated Construction Cost * for New Construction: N/A

Total Estimated Construction Cost* for Alteration / Repair: \$35,925

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.

Signature of Architect/Engineer

STATE OF FLORIDA

COUNTY OF DADE

Sworn to and subscribed 28 day of January

2009 by: Anthony Leon

Personally known to me: or Procured Identification

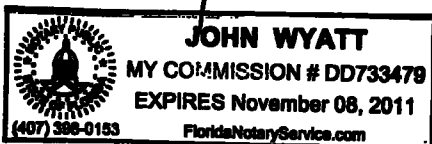
Type of Identification: N/A

DID TAKE OATH

DID NOT TAKE OATH

Signature of Notary Public

Page 1 of 3





Part Three: Contractor Affidavit: To be Submitted at the Time of CO / CC:

Danielo Ramirez am the Qualifier / General Contractor under contract with Mark Gainer Owner of the property undergoing an improvement as described in permit above.

I certify that the total contract value, including all change orders and all permit revisions under PERMIT NUMBER B0801495 is \$ 35,925.

I understand that at the time _____ (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 verification of construction cost. The City will accept 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 as verification of construction cost.

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.

Notes:

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

If a G702 has not been used for construction draws by the parties, then the City of Miami Beach will accept alternate evidence of the final construction cost (for example final statement, final invoice etc.) which evidence must be satisfactory to the Building Director and /or Assistant Director, in his/her sole discretion.



Signature of Qualifier / Contractor

STATE OF FLORIDA

COUNTY OF DADE

Sworn to and subscribed 30 day of January
2009 by: Danielo Ramirez

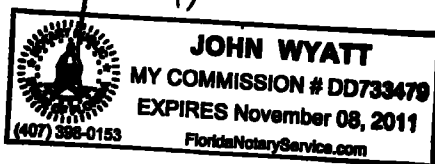
Personally known to me: Procured Identification

Type of Identification: FDL R562-161-70-310-0

DID TAKE OATH DID NOT TAKE OATH



Signature of Notary Public



Part Three: Contractor Affidavit: To be Submitted at the Time of CO / CC:

I DANIL RAMIREZ am the Qualifier / General Contractor under contract with MARK GAINOR Owner of the property undergoing an improvement as described in permit above.

I certify that the total contract value, including all change orders and all permit revisions under PERMIT NUMBER B0600445 is \$ 2,559,819.65

I understand that at the time _____ (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 verification of construction cost. The City will accept 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 as verification of construction cost.

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.

Notes:

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

If a G702 has not been used for construction draws by the parties, then the City of Miami Beach will accept alternate evidence of the final construction cost (for example final statement, final invoice etc..) which evidence must be satisfactory to the Building Director and /or Assistant Director, in his/her sole discretion.



Signature of Qualifier / Contractor

STATE OF FLORIDA

COUNTY OF DADE

Sworn to and subscribed 30 day of January

2009 by: Danilo Ramirez

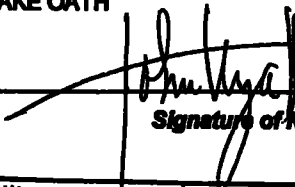
Personally known to me:

or Procured Identification

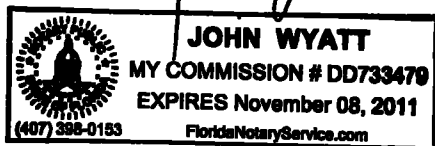
Type of Identification: FDC R562.161.70.310.0

DID TAKE OATH

DID NOT TAKE OATH



Signature of Notary Public



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1951

Continuation Sheet

ASIA Document G702, APPLICATION AND CERTIFICATE FOR PAYMENT, containing Contractor's signed Certification is attached.
 In tabulations below, amounts are stated to the nearest dollar.
 Use Column I on Contracts where variable retainage or line items may apply.

APPLICATION NUMBER: 39
 APPLICATION DATE: 8/28/2008
 PERIOD TO: 8/28/2008
 ARCHITECT'S PROJECT NO: _____

A Item No.	B Description of Work	C Scheduled Value	D Work Completed		F Materials Presently Stored (not in D or E)	G Total		H Balance to finish (C-G)	I Retainage (if Variable) Rate
			From Previous Application (D+E)	This Period		completed and Stored to Dated (D+E+F)	% (G - C)		
000000002	Permits	\$ -	\$ -			\$ -	#DIV/0!	\$ -	
000000003	General Conditions	\$ 5,775.00	\$ 5,775.00			\$ 5,775.00	100.00%	\$ -	
000000004	Demolition	\$ 1,350.00	\$ 1,350.00			\$ 1,350.00	100.00%	\$ -	
000000005	Structure	\$ -	\$ -			\$ -	#DIV/0!	\$ -	
000000006	Roof	\$ 3,900.00	\$ 3,900.00			\$ 3,900.00	100.00%	\$ -	
000000007	Stucco	\$ 2,900.00	\$ 2,900.00			\$ 2,900.00	100.00%	\$ -	
000000008	Framing & Drywall	\$ 1,900.00	\$ 1,900.00			\$ 1,900.00	100.00%	\$ -	
000000007	Interior Plaster	\$ -	\$ -			\$ -	#DIV/0!	\$ -	
000000010	Plumbing	\$ 1,800.00	\$ 1,800.00			\$ 1,800.00	100.00%	\$ -	
000000011	HVAC	\$ -	\$ -			\$ -	#DIV/0!	\$ -	
000000012	Electrical	\$ 2,800.00	\$ 2,800.00			\$ 2,800.00	100.00%	\$ -	
000000013	Audio \ Visual	\$ -	\$ -			\$ -	#DIV/0!	\$ -	
000000014	Insulation	\$ -	\$ -			\$ -	#DIV/0!	\$ -	
000000015	Interior Doors	\$ -	\$ -			\$ -	#DIV/0!	\$ -	
000000016	Exterior Doors \ Windows	\$ -	\$ -			\$ -	#DIV/0!	\$ -	
000000017	Interior Woodwork	\$ 5,200.00	\$ 5,200.00			\$ 5,200.00	100.00%	\$ -	
000000020	Floors	\$ 3,200.00	\$ 3,200.00			\$ 3,200.00	100.00%	\$ -	
000000021	Counter Tops	\$ 1,400.00	\$ 1,400.00			\$ 1,400.00	100.00%	\$ -	
000000022	Elevator	\$ -	\$ -			\$ -	#DIV/0!	\$ -	
000000023	Painting	\$ 1,700.00	\$ 1,700.00			\$ 1,700.00	100.00%	\$ -	
000000025	Glass	\$ -	\$ -			\$ -	#DIV/0!	\$ -	
000000026	Appliances	\$ 4,200.00	\$ 4,200.00			\$ 4,200.00	100.00%	\$ -	
000000027	Metals	\$ -	\$ -			\$ -	#DIV/0!	\$ -	
000000028	Pre cast Exterior Stone	\$ -	\$ -			\$ -	#DIV/0!	\$ -	
000000029	Driveway	\$ -	\$ -			\$ -	#DIV/0!	\$ -	
000000030	Garage Doors \ Openers	\$ -	\$ -			\$ -	#DIV/0!	\$ -	
000000032	Swimming Pool	\$ -	\$ -			\$ -	#DIV/0!	\$ -	
Total		\$ 35,925.00	\$ 35,925.00	\$ -		\$ 35,925.00	100.00%	\$ -	

Rec 1/19/09
e 1/19/09
Rec 1/29/09
Page 2 of 4
e 2/2/09

email - Watson.w.j@edwm.com

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

Phone: _____
Floor: _____ Fax: _____

(305) 673-7610
(305) 673-7857

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

Date: 9-1-08
Permit Number: B860-0445
Project Description: House remodel
Owner: Elyse Gainer & Mark Gainer
Architect and/or Engineering Firm: 3Design inc
Name of Architect or Engineer of Record: Anthony Leon
Address of Architect / Engineering Firm: 4300 Biscayne Blvd.
Contact Number: 305 438 9377

Part One: Architect / Engineer Affidavit: To be Submitted Prior to Permit Issuance.

I, Anthony LEON 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 Condominium:
Multi-Family, Commercial, and Industrial:
Total Estimated Construction Cost* for New Construction:
Total Estimated Construction Cost* for Alteration / Repair:

N/A
[Redacted] LFR
N/A
N/A
2,595,744.05 [Redacted] LFR

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

[Signature]

Signature of Architect/Engineer

STATE OF FLORIDA COUNTY OF DADE
Sworn to and subscribed 10 day of Nov
at Anthony Leon
[X] Personally known to me [] or Personal Identification
Type of Identification: N/A
[] DID TAKE OATH [X] DID NOT TAKE OATH
[Signature]

Signature of Notary Public



Handwritten scribbles and marks at the top right of the page.

Handwritten text in the middle-left section of the page, consisting of several lines of illegible characters.

A horizontal line of small, evenly spaced marks or characters spanning across the lower middle of the page.

Below is an HTML approximation of the requested PDF file http://www.miamibeachfl.gov/newcity/depts/building/CO_CC%20Request%20Form.pdf

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

CERTIFICATE OF OCCUPANCY/COMPLETION REQUEST FORM

Please Allow 72 Hours for Processing

Permit Number: B060-0445 Date: 9-1-08

Folio Number: 32150030270

Description of Work: House remodel

Owner Name: Elyse Gainer & Mark Gainer

Contact Name: Mark Gainer

Job Address: 5800 North bay road Apt/Suite #: _____

City/Zip: Miami Beach 33140

Phone Number: 305 531 2700 Alternate Phone #: 305 389 3333

REQUIRED DOCUMENTS (CHECKLIST)

For Office Use Only

A/E Affidavit

Final Boundary Survey (Signed & Sealed by Professional Surveyor)

MDWSD Compliance Letter

Final Elevation Certificate / Flood Proofing Certificate (Commercial Only)

Comments:

CO/CC Issued by: _____ Date Issued: _____

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 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: To be Submitted Prior to Permit Issuance.

MARK + ELYSE GAINDOT

I, MARK + ELYSE GAINDOT 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 verification of construction cost. The City will accept 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 as verification of construction cost.

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.

[Handwritten signatures of Mark and Elyse Gaindot]

Signature of Owner

STATE OF FLORIDA COUNTY OF DADE
Sworn to and subscribed 10th day of October

2008 by: _____
[] Personally known to me: _____ [] or Procured Identification
Type of Identification: _____
[] DID TAKE OATH [] DID NOT TAKE OATH



[Handwritten signature of Linnette Fauroat]

Signature of Notary Public

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1953

Part Three: Contractor Affidavit: To be Submitted at the Time of CO / CC:

I, Danilo Ramirez am the Qualifier / General Contractor under contract with Elyse & Mark Gainer Owner of the property undergoing an improvement as described in permit above.

I certify that the total contract value, including all change orders and all permit revisions under PERMIT NUMBER B099-0445 is \$ \$2,595,744.65

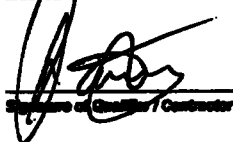
I understand that at the time Danilo Ramirez (Qualifier / Contractor) submits the application for a Certificate of Occupancy (CO) or Certificate of Completion (CC), I will be required to submit to the City of Miami Beach Building Department verification of construction cost. The City will accept the 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 as verification of construction cost.

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 the permit fee as calculated with the current permit application and the permit fee based on the final construction cost including general obligations 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.

Notes:

The City of Miami Beach reserves the right to request G702 Contractor's Affidavit of Debts and Claims after the issuance of CO.

If a G702 has not been used for construction drawn by the parties, then the City of Miami Beach will accept alternate evidence of the final construction cost (for example final statement, final invoice etc.) which evidence must be satisfactory to the Building Director and/or Assistant Director, in his/her sole discretion.


Signature of Qualifier / Contractor

STATE OF FLORIDA COUNTY OF BASS

Sworn to and subscribed 10 day of NOVEMBER

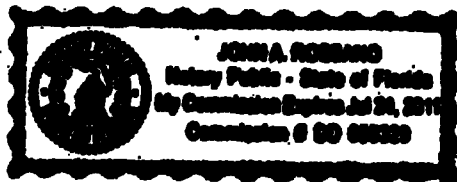
2008 by: DANILO RAMIREZ

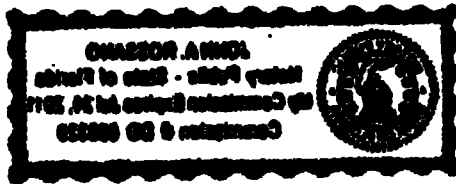
Commonly known to me or Proved Identification

Type of Identification: _____

DID TAKE OATH DID NOT TAKE OATH


Signature of Notary Public





General Information Screen

Permit Sub Type: **ALTERATION & REMODELING PERMIT**

Status: **INCL** Value: **\$1,100,000.00** MDC (Y/N): **Y**

Job Description: **Level 2 Rm Rm (partion:plac:stair:mv:elect:plum:mech):mnr:ext:tr**

Address: **5600N BAY RD/MBCH/CHICAGO IL 60630**

Parcel No: **021500302205111** City Job? (Y/N): **N**

Location: _____ Substantial Improvements (Y/N): **N**

Owner: **MARK J GAINOR/WIFE/SE S/2/2/4/8**

Applicant: **BRAME PRO CONSTRUCTION CORP** Applied: **11/01/2005**

Occupancy: **R3** Approved: **02/07/2006**

Public Owned (Y/N): **N** To Expire: **03/15/2009**

of Buildings: **1** Closed: **02/15/2006**

of Units: **0** Single Point of Contact: _____

Inspector Area: **C**

EMD Fee: **BUILDING**

Fees for Alterations and Remodeling

Alteration/Remodeling (Entire Value): **\$5000.00**

Doors, Stairs, Doors, Windows (Entire #): **79**

Permit (Entire Value): **\$0.00**

Radon Fee: **11.302**

Zoning Fee: **\$100.00**

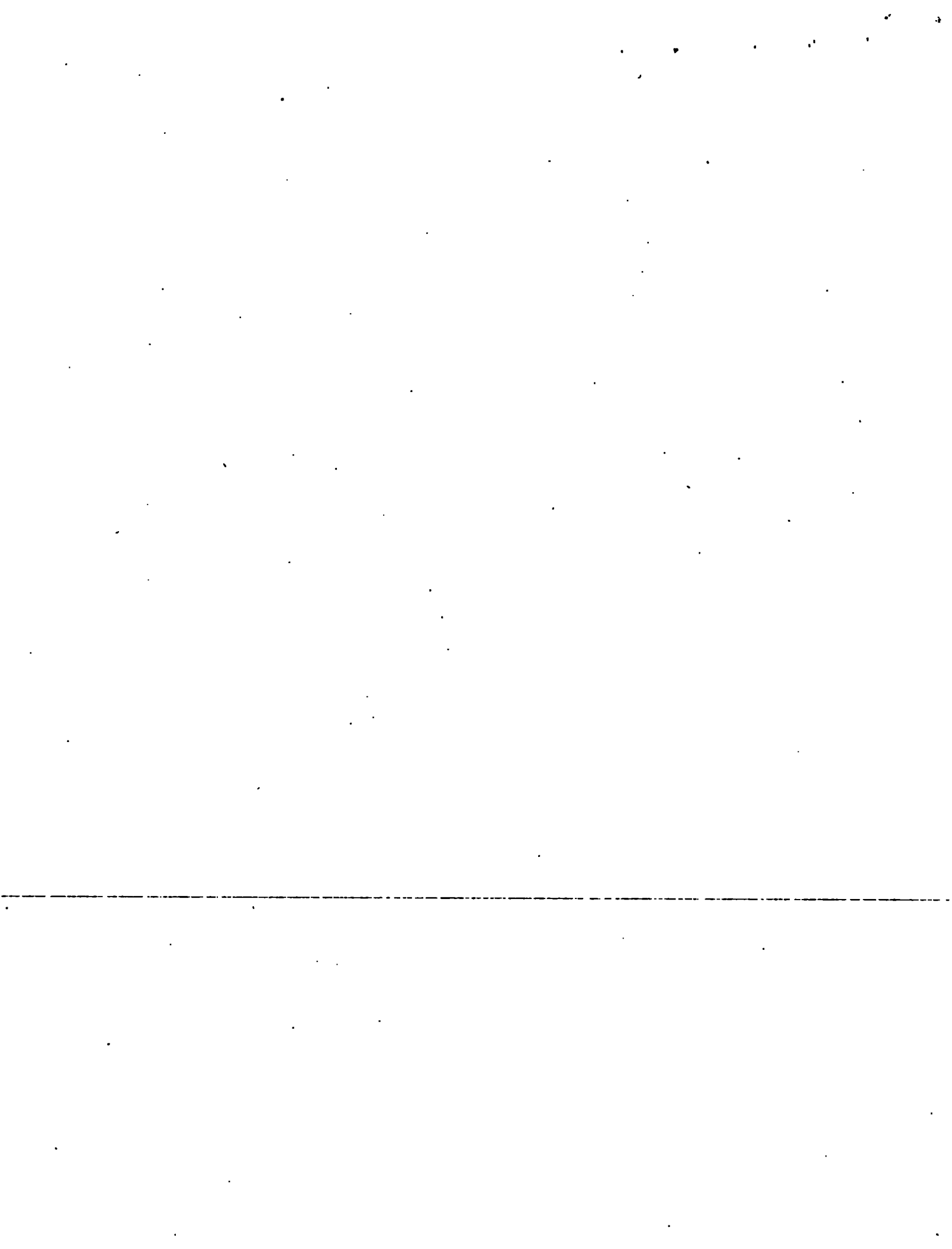
MDC Compliance Fee: **\$660.00**

Training Fee: **\$1100.00**

Sanitation Fee: **\$1500.00**

Double Permit Fee - \$ 100.00 Penalty:

TOTAL PERMIT FEE: \$319,195.02



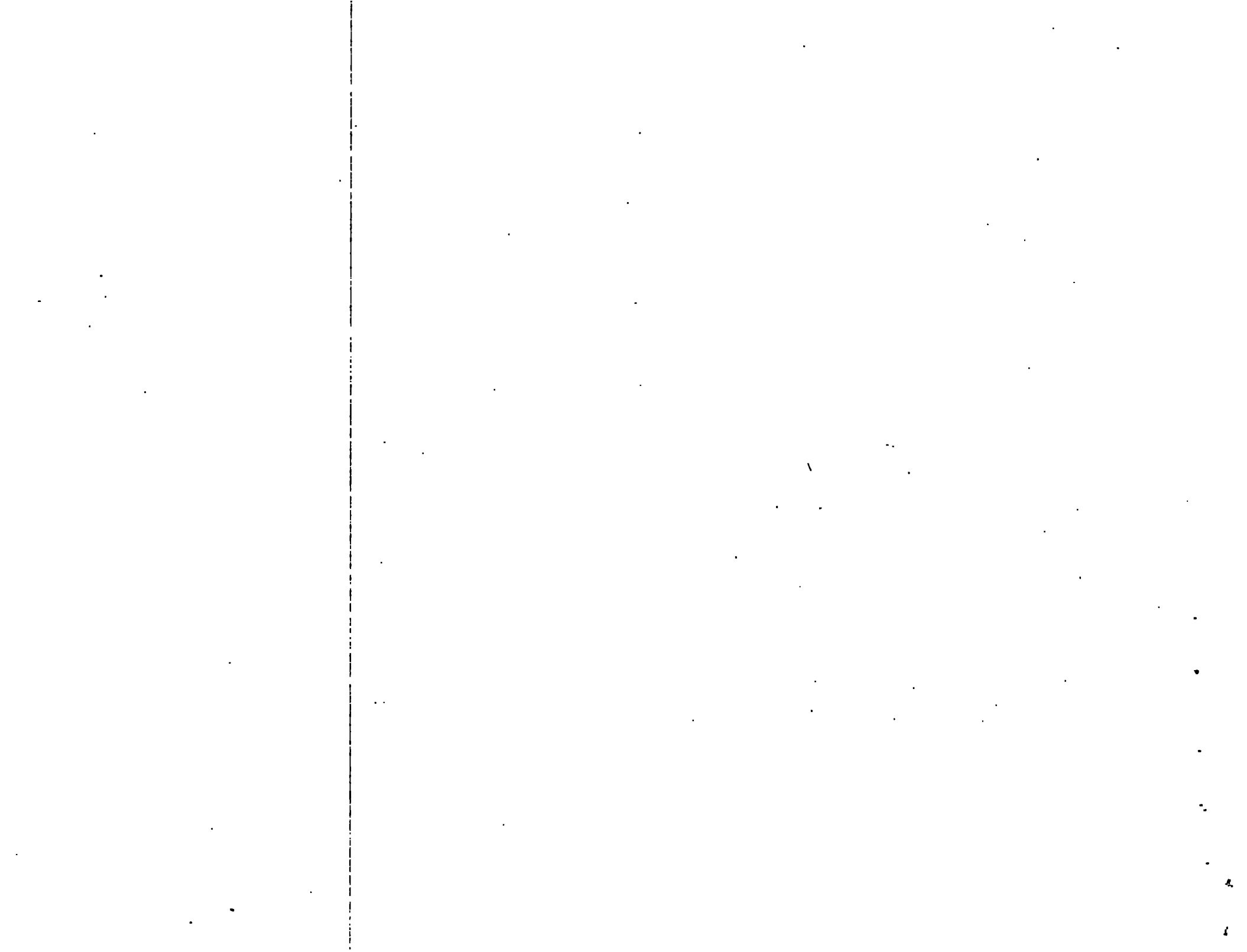
Fee Summary

Calculated Fee	\$5,425.02	Details
Additional Fee	\$550.00	Details
Total	\$5,975.02	Details
Payment	\$19,745.02	Details
Balance	(\$13,770.00)	

Payment Detail	Assess Additional Fee
Payment Detail	Assess Administrative Payment
Payment Detail	Payment Detail
Payment Detail	Payment Detail
Payment Detail	Payment Detail
Payment Detail	Payment Detail

- Include the fee on the main fee page
- Include this transaction in Payment Detail
- Exclude this transaction from the summary





B0600445 AFTER CHANGE

General Information Screen

Permit Sub Type: **ALTRMD-R** ALTERATION & REMODELING R

Status: **APPROVED** Valuation: **\$2,534,764.40** MDC (Y/N): **Y**

Work Description: **Level 2 Rmwrn. (partition relocation, nw ele, plum, mech): minor ext. g.**

Address: **5800 N BAY RD. MBCH** City Job? Y or N: **N**

Parcel No.: **3215-003-0270** Substantial Improvements (Y/N): **N**

Location:

Owner: **MARK J GAINOR & W ELYSE S** Applied: **11/01/2005**

Applicant: **FRAME PRO CONSTRUCTION CORP.** Approved: **02/07/2006**

Occupancy: **R3** To Expire: **07/07/2009**

Public Owned (Y/N): **N** Closed: **3/7/07 / 2007**

of Buildings: **1** Single Point of Contact:

of Units: **0**

Inspector Area: **C**

Entered By: **BUILWLR**

Fees for Alterations and Remodeling

Fees for Alterations and Remodeling

Alteration/Remodeling (Enter Value): **2,534,764.40** **\$45,657.00**

Doors/Sliding Doors/Windows(Enter #): **79** **\$395.00**

Painting (Enter Value): **\$0.00** **\$0.00**

Radon Fee: **12,800** **\$128.00**

Zoning Fee: **\$100.00**

MDC Compliance Fee: **\$1,521.00**

Training Fee: **\$2,535.00**

Sanitation Fee: **\$1,500.00**

Double Permit Fee + \$ 100.00 Penalty: **N** **\$0.00**

TOTAL PERMIT FEE: \$51,836.00

B0600445 AFTER CHANGE

Fee Processing for B0600445		Fee Summary	
Calculated Fees:	\$51,836.00	<input type="button" value="Details"/>	
Additional Fees:	\$550.00	<input type="button" value="Details"/>	
Total Fees:	\$52,386.00	<input type="button" value="Details"/>	
Payments:	\$19,745.02	<input type="button" value="Details"/>	
Balance:	\$32,640.98		

<input type="checkbox"/> Include deferred payments in Fee Details:
<input type="checkbox"/> Include Trust transactions in Payment Details:
<input type="checkbox"/> Pay Specific - Suppress zero balance items:

Pay Full Balance	Assess Additional Fee
Partial Payment	Redistribute OverPayment
Pay Specific Item(s)	Void Payments
Trust Account Transaction(s)	Reprint Receipt
Pay Deferred	Print Grid

<input type="button" value="Back"/>
<input type="button" value="Exit"/>

ToolBar Order	
<input type="button" value="Home"/>	<input type="button" value="Print"/>

TO (OWNER): Mark Gainor 5800 North Bay Road Miami Beach, Fl	PROJECT: Gainor Residence 5800 North Bay Road	APPLICATION NO.: 9	Distribution to: OWNER ARCHITECT CONTRACTOR
FROM (CONTRACTOR): Frame Pro Construction Co. VIA (ARCHITECT): 3Design, Inc. 5730 Harrison Street Hollywood, Fl 33023		PERIOD TO: 8/28/08	ARCHITECT'S PROJECT NO.:
CONTRACT FOR: Mark Gainor		CONTRACT DATE: 04/01/2005	

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for Payment, as shown below, in connection with the Contract. Continuation Sheet, AIA Document G703 is attached.

CHANGE ORDER SUMMARY		
Change Orders approved in previous months by Owner	ADDITIONS	DEDUCTIONS
	TOTAL	

1. ORIGINAL CONTRACT SUM	\$ 2,595,744.65
2. Net change by Change Orders	\$
3. CONTRACT SUM TO DATE (Line 1 ± 2)	\$ 2,595,744.65
4. TOTAL COMPLETED & STORED TO DATE	\$ 2,595,744.65
(Column C on G703)	

Approved this Month

Number	Date Approved
--------	---------------

5.. RETAINAGE:	
a. <u>N/A</u> % of Completed Work (Column D + F on C703)	\$ <u>N/A</u>
b. _____ % of Stored Material (Column F on C703)	\$ _____
Total Retainage (Line 5a + 5b or Total in Column I of C703).....	
6.. TOTAL EARNED LESS RETAINAGE	\$ 2,595,744.65

TOTALS
Net change by Change Orders

(Line 4 less Line 5 Total)	
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)	
8. CURRENT PAYMENT DUE	\$.00
9. BALANCE TO FINISH, PLUS RETAINAGE	\$.00
(Line 3 less Line 6 completed in accordance with the Contract Documents, that all amounts	

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

contractor:

By: _____ Date: _____

State of: _____ County of: _____
 Subscribed and sworn to before me this _____ 2008
 Notary Public: _____
 My Commission expires: _____

ARCHITECT'S CERTIFICATE FOR PAYMENT

AMOUNT CERTIFIED..... **\$ 2,595,744.65**

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

Attach explanation if amount certified differs from the amount applied for.)

By: _____ Date: _____
 This Certificate is not negotiable. THE AMOUNT CERTIFIED is payable only to the contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner of Contractor under this Contract.

Continuation Sheet

ASIA Document G702, APPLICATION AND CERTIFICATE FOR PAYMENT, containing Contractor's signed Certification is attached.
 In tabulations below, amounts are stated to the nearest dollar.
 Use Column I on Contracts where variable retainage or line items may apply.

APPLICATION NUMBER: 39
 APPLICATION DATE: 8/28/2008
 PERIOD TO: 8/28/2008
 ARCHITECT'S PROJECT NO: _____

A Item No.	B Description of Work	C Scheduled Value	D Work Completed		F Materials Presently Stored (not in D or E)	G Total		H Balance to finish (C-G)	I Retainage (if Variable) Rate
			From Previous Application (D+E)	This Period		completed and Stored to Dated (D+E+F)	% (G - C)		
000000002	Permits	\$ 15,975.00	\$ 15,975.00			\$ 15,975.00	100.00%	\$ -	
000000003	General Conditions	\$ 231,395.32	\$ 231,395.32			\$ 231,395.32	100.00%	\$ -	
000000004	Demolition	\$ 45,123.12	\$ 45,123.12			\$ 45,123.12	100.00%	\$ -	
000000005	Structure	\$ 227,159.80	\$ 227,159.80			\$ 227,159.80	100.00%	\$ -	
000000006	Roof	\$ 95,131.10	\$ 95,131.10			\$ 95,131.10	100.00%	\$ -	
000000007	Stucco	\$ 71,459.82	\$ 71,459.82			\$ 71,459.82	100.00%	\$ -	
000000008	Framing & Drywall	\$ 98,788.88	\$ 98,788.88			\$ 98,788.88	100.00%	\$ -	
000000007	Interior Plaster	\$ 52,999.85	\$ 52,999.85			\$ 52,999.85	100.00%	\$ -	
000000010	Plumbing	\$ 116,652.34	\$ 116,652.34			\$ 116,652.34	100.00%	\$ -	
000000011	HVAC	\$ 67,459.91	\$ 67,459.91			\$ 67,459.91	100.00%	\$ -	
000000012	Electrical	\$ 137,785.81	\$ 137,785.81			\$ 137,785.81	100.00%	\$ -	
000000013	Audio \ Visual	\$ 106,275.89	\$ 106,275.89			\$ 106,275.89	100.00%	\$ -	
000000014	Insulation	\$ 208,100.05	\$ 208,100.05			\$ 208,100.05	100.00%	\$ -	
000000015	Interior Doors	\$ 22,698.32	\$ 22,698.32			\$ 22,698.32	100.00%	\$ -	
000000016	Exterior Doors \ Windows	\$ 261,000.75	\$ 261,000.75			\$ 261,000.75	100.00%	\$ -	
000000017	Interior Woodwork	\$ 300,125.82	\$ 300,125.82			\$ 300,125.82	100.00%	\$ -	
000000020	Floors	\$ 180,601.05	\$ 180,601.05			\$ 180,601.05	100.00%	\$ -	
000000021	Counter Tops	\$ 25,110.00	\$ 25,110.00			\$ 25,110.00	100.00%	\$ -	
000000022	Elevator	\$ 19,018.75	\$ 19,018.75			\$ 19,018.75	100.00%	\$ -	
000000023	Painting	\$ 35,097.42	\$ 35,097.42			\$ 35,097.42	100.00%	\$ -	
000000025	Glass	\$ 18,300.95	\$ 18,300.95			\$ 18,300.95	100.00%	\$ -	
000000026	Appliances	\$ 45,005.25	\$ 45,005.25			\$ 45,005.25	100.00%	\$ -	
000000027	Metals	\$ 25,933.93	\$ 25,933.93			\$ 25,933.93	100.00%	\$ -	
000000028	Pre cast Exterior Stone	\$ 78,101.03	\$ 78,101.03			\$ 78,101.03	100.00%	\$ -	
000000029	Driveway	\$ 62,237.48	\$ 62,237.48			\$ 62,237.48	100.00%	\$ -	
000000030	Garage Doors \ Openers	\$ 13,105.00	\$ 13,105.00			\$ 13,105.00	100.00%	\$ -	
000000032	Swimming Pool	\$ 35,102.01	\$ 35,102.01			\$ 35,102.01	100.00%	\$ -	
Total		\$ 2,595,744.65	\$ 2,595,744.65	\$ -		\$ 2,595,744.65	100.00%	\$ -	

*Cabana
 came as revision*

Security Alarm

2,534,764.40

12/24/08

~~Bob~~ Rashonda

Please put this to original
amount description
on file wrong.

this is ~~addition~~ addition
and remodeling
Customer, needs submit
a new affidavit showing
the changes.

Total New Construction
sq feet and value
and renovation value.

CITY OF MIAMI BEACH
Miami Beach, Florida 33139

RECEIPT OF PAYMENT
(This is not a permit it is a receipt only)

12-23-2008

Receipt:

Activity Number: B0600445
Status: FINAL

Date Applied: 11/01/2005
Date Completed:

Date Issued: 02/07/2006
Date Expired: 03/15/2009

Entered By: BUILWILR

Site Address: 5800 N BAY RD MBCH
Parcel #: 32150030270

Balance Due: \$33,836.58
Valuation: \$2,595,744.65

Applicant: FRAME-PRO CONSTRUCTION CORP
17031 SW 150 CT
MIAMI FL 33187
786-346-0932
Owner: MARK J GAINOR & W ELYSE S
MARK J GAINOR TRUSTEE
5800 N BAY RD 331402043

Description: Level 2 Rnvtn. (partition relocation, nw ele,

Payments made for this receipt:

Type	Method	Description	Amount
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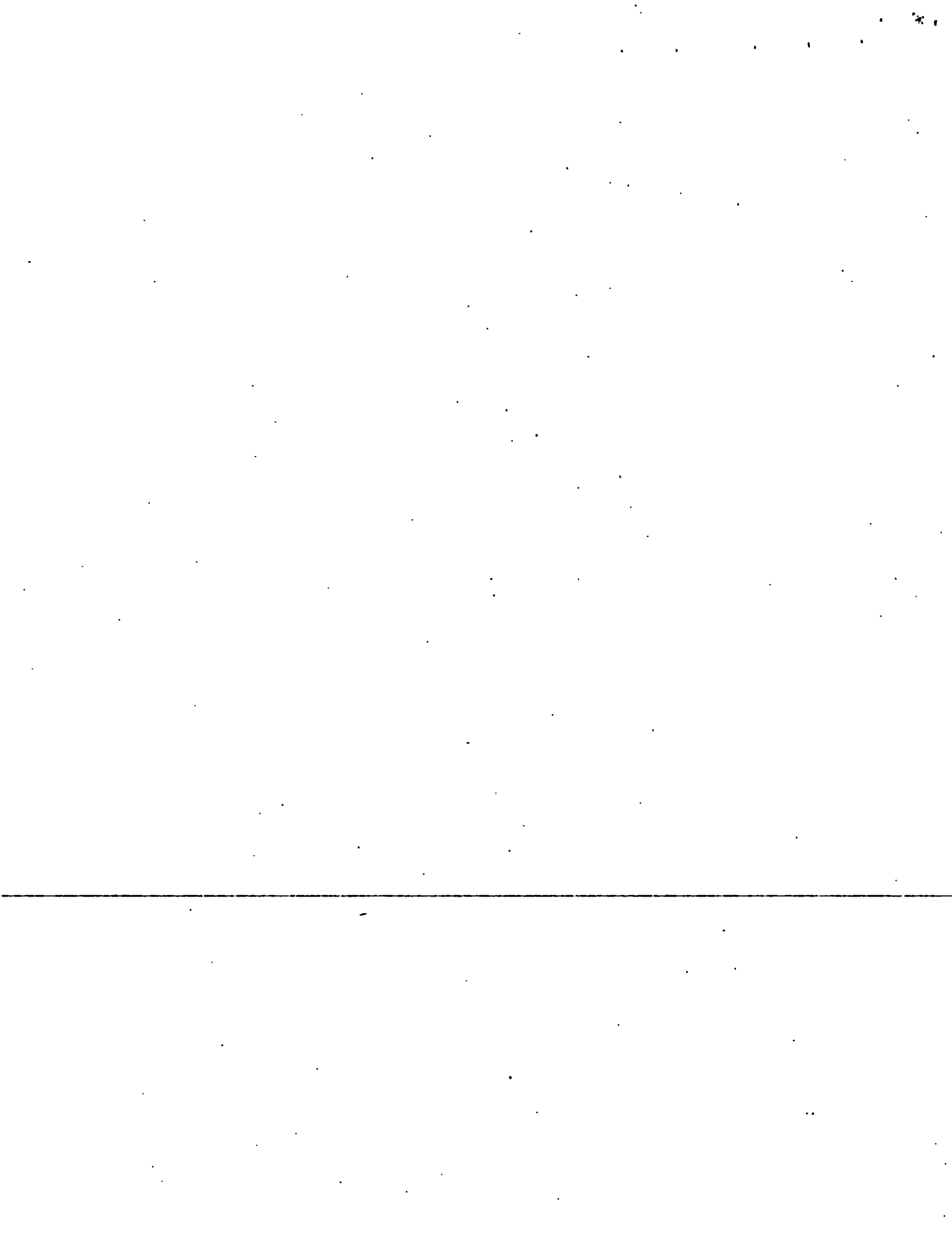
Payment Made: Accepted By:

Total Payment: .00 Payee:

Current Payment Made to the Following Items:

Account Summary for Fees and Payments:

Item#	Description	Account Code	Tot Fee	Paid	Prev. Pmts	Cur. Pmts
10	Building Permits	0118000322100	47,500.00	16,072.00	16,072.00	.00
270	Zoning	0118000322630	100.00	100.00	100.00	.00
420	SFBC Compliance Fee	6017000229217	1,557.60	660.00	660.00	.00
430	Training	6017000229253	2,596.00	1,100.00	1,100.00	.00
440	Sanitation Impact Fe	4358000363293	1,500.00	1,500.00	1,500.00	.00
460	RADON Surcharge	6017000229213	128.00	113.02	113.02	.00
600	Overtime Inspection	0111510000135	200.00	200.00	200.00	.00



Below is an HTML approximation of the requested PDF file http://www.miamibeachfl.gov/newcity/depts/building/CO_CC%20Request%20Form.pdf

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

CERTIFICATE OF OCCUPANCY/COMPLETION REQUEST FORM

Please Allow 72 Hours for Processing

Permit Number: B660-0445 Date: 9-1-08
Folio Number: 32150038270
Description of Work: House remodel
Owner Name: Elyse Gainor & Mark Gainor
Contact Name: Mark Gainor
Job Address: 5800 North bay road Apt/Suite #: _____
City/Zip: Miami Beach 33140
Phone Number: 305 531 2700 Alternate Phone #: 305 389 3333

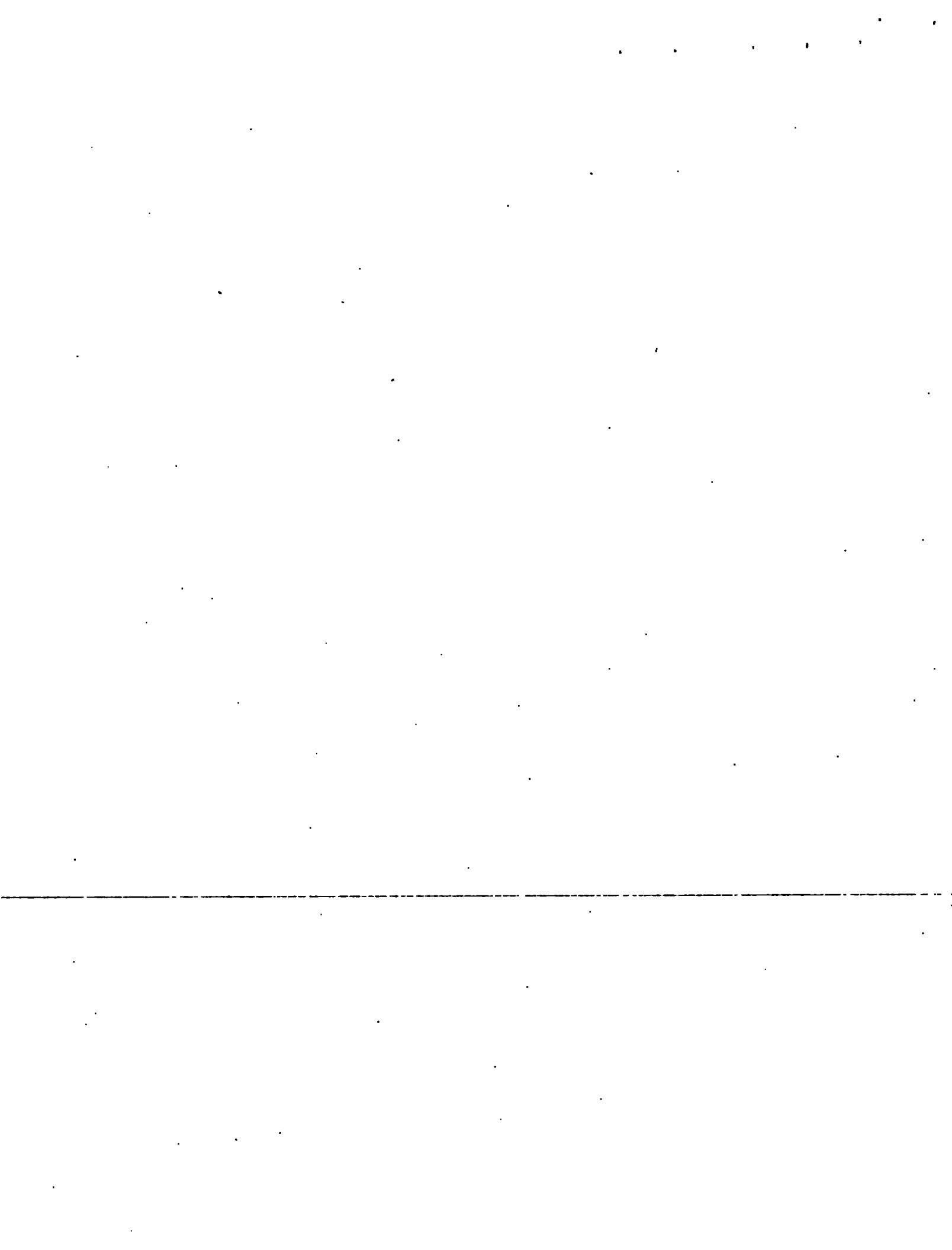
REQUIRED DOCUMENTS (CHECKLIST)

For Office Use Only

- A/E Affidavit
- Final Boundary Survey (Signed & Sealed by Professional Surveyor)
- MDWSD Compliance Letter
- Final Elevation Certificate / Flood Proofing Certificate (Commercial Only)

Comments:

CO/CC Issued by: _____ Date Issued: _____



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

Phone: _____
Floor: _____ Fax: _____

(305) 673-7610
(305) 673-7857

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

Date: 9-1-08

Permit Number: B060-0445

Project Description: House remodel

Owner: Elyse Gainer & Mark Gainer

Architect and/or Engineering Firm: 3Design inc

Name of Architect or Engineer of Record: Anthony Leon

Address of Architect / Engineering Firm: 4300 Biscayne Blvd.

Contact Number: 305 438 9377

Part One: Architect / Engineer Affidavit: **To be Submitted Prior to Permit Issuance.**

I, ANTHONY LEON 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:	<u>N/A</u>
Total Gross Floor Area of Alterations / Repairs:	<u>12,800</u>
Single Family Homes, Duplexes, and Areas within Residential Condominiums:	<u>N/A</u>
Multi-Family, Commercial, and Industrial:	<u>N/A</u>
Total Estimated Construction Cost* for New Construction:	<u>N/A</u>
Total Estimated Construction Cost* for Alterations / Repair:	<u>2,595,744.65</u>

Definition:

Total Gross Floor Area: The floor area within the inside perimeter of the exterior walls of the building under consideration, exclusive of vault shafts and cones, without deduction for corridors, alcoves, closets, the thickness of interior walls, columns or other fixtures. The floor area of a landing or portion thereof adjacent to a wall with surrounding exterior walls shall be the usable area under the landing or portion thereof. The gross floor area shall not include shafts with no openings or interior cones.

Signature of Architect/Engineer

STATE OF FLORIDA

COUNTY OF DADE

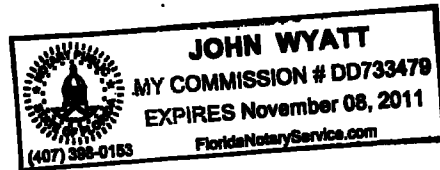
Sworn to and subscribed 10 day of Nov
by: Anthony Leon

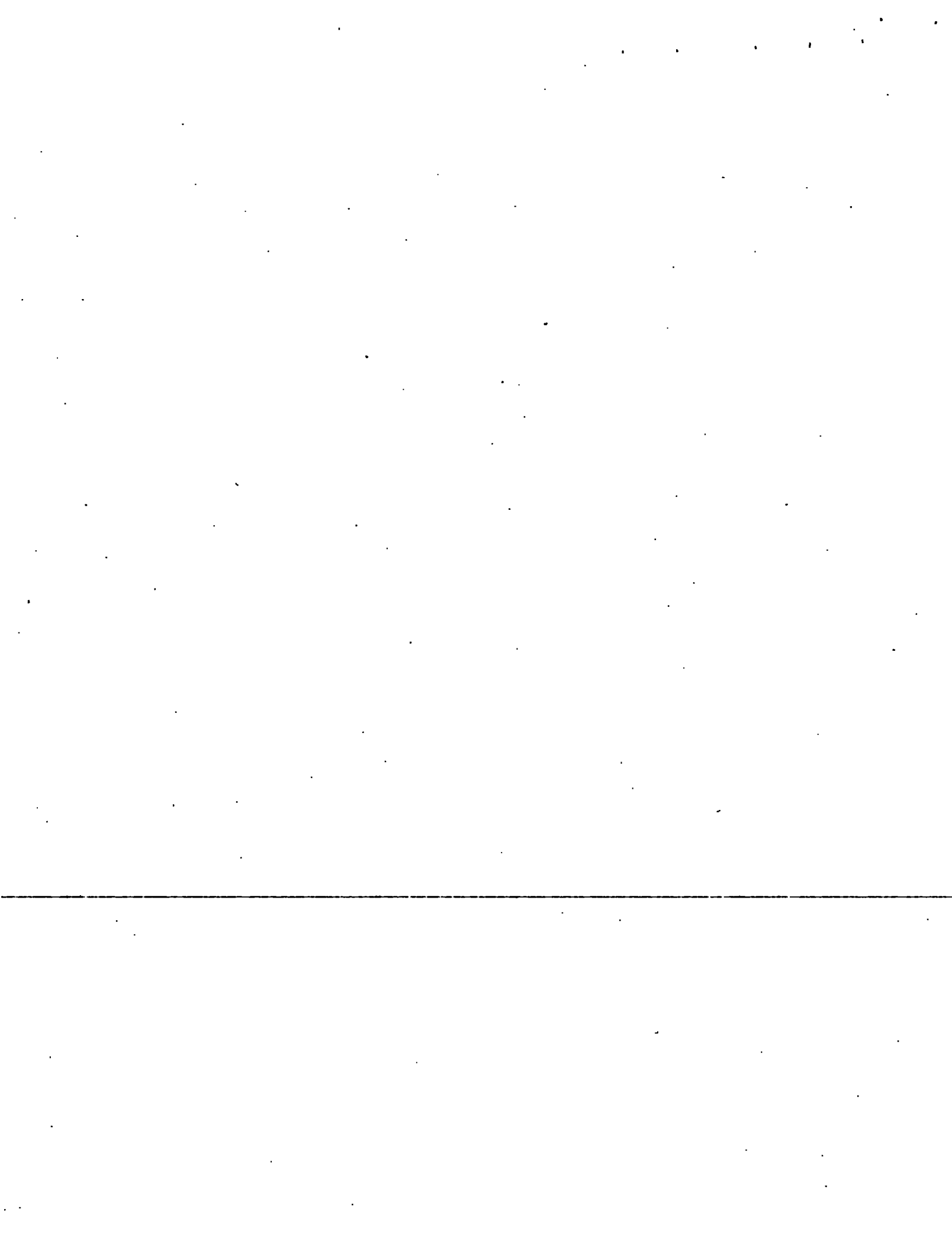
(X) Personally known to me: _____ () or Personal Identification

Type of Identification: N/A

() DID TAKE OATH (X) DID NOT TAKE OATH

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 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: To be Submitted Prior to Permit Issuance.

MARK + ELYSE GAINDOT

I MARK 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 verification of construction cost. The City will accept 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 for verification of construction cost.

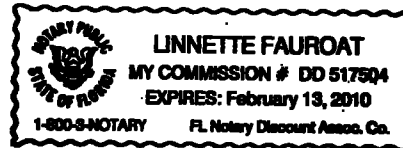
I understand that as the Owner of said property and improvement, I am responsible to pay the City of Miami Beach any difference between the permit fee based on the construction cost and/or square footage submitted with the original permit application and the permit fee based on the final construction 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.

[Handwritten Signature]
 Signature of Owner

STATE OF FLORIDA COUNTY OF DADE
 Sworn to and subscribed 10th day of October
 2009 by: _____

Personally known to me: or Proved Identification
 Type of Identification: _____
 DID TAKE OATH DID NOT TAKE OATH

[Handwritten Signature]
 Signature of Notary Public



Part Three: Contractor Affidavit: To be Submitted at the Time of CO / CC:

I Danilo Ramirez am the Qualifier / General Contractor under contract with Elyse & Mark Gainer Owner of the property undergoing an improvement as described in permit above.

I certify that the total contract value, including all change orders and all permit revisions under PERMIT NUMBER B069-0445 is \$2,595,744.65

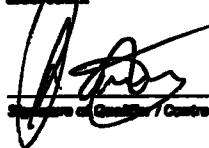
I understand that at the time Danilo Ramirez (Qualifier / Contractor) submits the application for a Certificate of Occupancy (CO) or Certificate of Completion (CC), I will be required to submit to the City of Miami Beach Building Department verification of construction cost. The City will accept the 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 as verification of construction cost.

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 the amount shown submitted with the original permit application and the permit fee based on the final construction cost including general conditions unless 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.

Notes:

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

If a GDS has not been used for construction draws by the parties, then the City of Miami Beach will accept alternate evidence of the final construction cost (for example final statement, final invoice etc.) which evidence must be satisfactory to the Building Director and/or Assistant Director, in his/her sole discretion.



Signature of Qualifier / Contractor

STATE OF FLORIDA COUNTY OF DADE

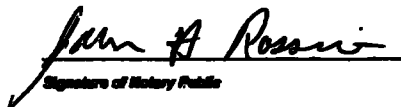
Sworn to and subscribed 10 day of NOVEMBER

2008 by: DANILO RAMIREZ

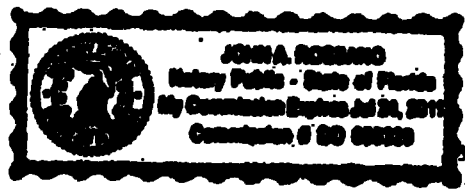
Personally known to me: or Proved Identification

Type of Identification: _____

DID TAKE OATH DID NOT TAKE OATH



Signature of Notary Public



TO (OWNER): Mark Gainor
5800 North Bay Road
Miami Beach, FL

PROJECT: Gainor Residence
5800 North Bay Road

APPLICATION NO.: 9
PERIOD TO: 8/28/08

Distribution to:
OWNER
ARCHITECT
CONTRACTOR

FROM (CONTRACTOR): Frame Pro Construction Co.
5730 Harrison Street
Hollywood, FL 33023

VIA (ARCHITECT): 3Design, Inc.
4300 Biscayne Blvd.
Suite G-04
Miami, FL 33137

ARCHITECT'S PROJECT NO.:

CONTRACT FOR: Mark Gainor

CONTRACT DATE: 04/01/2005

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for Payment, as shown below, in connection with the Contract. Continuation Sheet, AIA Document G703 is attached.

CHANGE ORDER SUMMARY

Change Orders approved in previous months by Owner	ADDITIONS	DEDUCTIONS
TOTAL		

1. ORIGINAL CONTRACT SUM.....	\$ 2,595,744.65
2. Net change by Change Orders	\$
3. CONTRACT SUM TO DATE (Line 1 ± 2)	\$ 2,595,744.65
4. TOTAL COMPLETED & STORED TO DATE.....	\$ 2,595,744.65

(Column C on G703)

Approved this Month

Number Date Approved

5. RETAINAGE:

a. <u>N/A</u> % of Completed Work (Column D + F on C703)	\$ <u>N/A</u>
b. _____ % of Stored Material (Column F on C703)	\$ _____
Total Retainage (Line 5a + 5b or Total in Column I of C703).....	\$ _____
6. TOTAL EARNED LESS RETAINAGE.....	\$ 2,595,744.65

TOTALS

Net change by Change Orders

7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)

8. CURRENT PAYMENT DUE.....	\$ 00
9. BALANCE TO FINISH, PLUS RETAINAGE	\$ 00

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

(Line 3 less Line 6 completed in accordance with the Contract Documents, that all amounts

contractor:

State of: _____ County of: _____
Subscribed and sworn to before me this 2008
Notary Public: _____
My Commission expires: _____

By: _____ Date: _____

ARCHITECT'S CERTIFICATE FOR PAYMENT

AMOUNT CERTIFIED..... \$ 2,595,744.65

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

Attach explanation if amount certified differs from the amount applied for.)

By: _____ Date: _____
This Certificate is not negotiable. THE AMOUNT CERTIFIED is payable only to the contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner of Contractor under this Contract.

Continuation Sheet

ASIA Document G702, APPLICATION AND CERTIFICATE FOR PAYMENT, containing

Contractor's signed Certification is attached.

In tabulations below, amounts are stated to the nearest dollar.

Us Column I on Contracts where variable retainage or line items may apply.

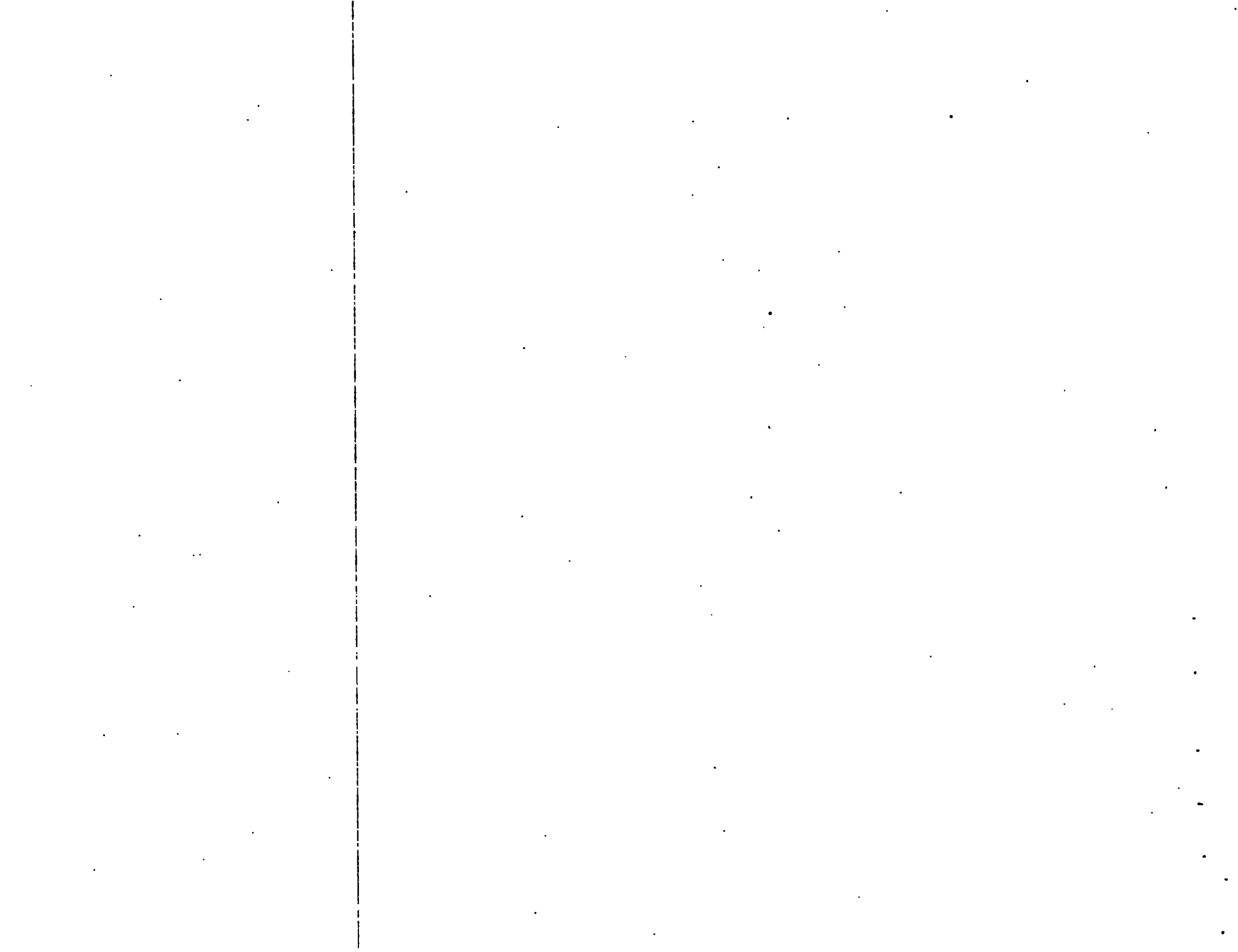
APPLICATION NUMBER: 39

APPLICATION DATE: 8/28/2008

PERIOD TO: 8/28/2008

ARCHITECT'S PROJECT NO _____

A Item No.	B Description of Work	C Scheduled Value	D Work Completed		F Materials Presently Stored (not in D or E)	G Total		H Balance to finish (C-G)	I Retainage (if Variable) Rate
			From Previous Application (D+E)	This Period		completed and Stored to Dated (D+E+F)	% (G - C)		
000000002	Permits	\$ 15,975.00	\$ 15,975.00			\$ 15,975.00	100.00%	\$ -	
000000003	General Conditions	\$ 231,395.32	\$ 231,395.32			\$ 231,395.32	100.00%	\$ -	
000000004	Demolition	\$ 45,123.12	\$ 45,123.12			\$ 45,123.12	100.00%	\$ -	
000000005	Structure	\$ 227,159.80	\$ 227,159.80			\$ 227,159.80	100.00%	\$ -	
000000006	Roof	\$ 95,131.10	\$ 95,131.10			\$ 95,131.10	100.00%	\$ -	
000000007	Stucco	\$ 71,459.82	\$ 71,459.82			\$ 71,459.82	100.00%	\$ -	
000000008	Framing & Drywall	\$ 98,788.88	\$ 98,788.88			\$ 98,788.88	100.00%	\$ -	
000000007	Interior Plaster	\$ 52,999.85	\$ 52,999.85			\$ 52,999.85	100.00%	\$ -	
000000010	Plumbing	\$ 116,652.34	\$ 116,652.34			\$ 116,652.34	100.00%	\$ -	
000000011	HVAC	\$ 67,459.91	\$ 67,459.91			\$ 67,459.91	100.00%	\$ -	
000000012	Electrical	\$ 137,785.81	\$ 137,785.81			\$ 137,785.81	100.00%	\$ -	
000000013	Audio \ Visual	\$ 106,275.89	\$ 106,275.89			\$ 106,275.89	100.00%	\$ -	
000000014	Insulation	\$ 208,100.05	\$ 208,100.05			\$ 208,100.05	100.00%	\$ -	
000000015	Interior Doors	\$ 22,698.32	\$ 22,698.32			\$ 22,698.32	100.00%	\$ -	
000000016	Exterior Doors \ Windows	\$ 281,000.75	\$ 281,000.75			\$ 281,000.75	100.00%	\$ -	
000000017	Interior Woodwork	\$ 300,125.82	\$ 300,125.82			\$ 300,125.82	100.00%	\$ -	
000000020	Floors	\$ 180,601.05	\$ 180,601.05			\$ 180,601.05	100.00%	\$ -	
000000021	Counter Tops	\$ 25,110.00	\$ 25,110.00			\$ 25,110.00	100.00%	\$ -	
000000022	Elevator	\$ 19,018.75	\$ 19,018.75			\$ 19,018.75	100.00%	\$ -	
000000023	Painting	\$ 35,097.42	\$ 35,097.42			\$ 35,097.42	100.00%	\$ -	
000000025	Glass	\$ 18,300.95	\$ 18,300.95			\$ 18,300.95	100.00%	\$ -	
000000026	Appliances	\$ 45,005.25	\$ 45,005.25			\$ 45,005.25	100.00%	\$ -	
000000027	Metals	\$ 25,933.93	\$ 25,933.93			\$ 25,933.93	100.00%	\$ -	
000000028	Pre cast Exterior Stone	\$ 78,101.03	\$ 78,101.03			\$ 78,101.03	100.00%	\$ -	
000000029	Driveway	\$ 62,237.48	\$ 62,237.48			\$ 62,237.48	100.00%	\$ -	
000000030	Garage Doors\ Openers	\$ 13,105.00	\$ 13,105.00			\$ 13,105.00	100.00%	\$ -	
000000032	Swimming Pool	\$ 35,102.01	\$ 35,102.01			\$ 35,102.01	100.00%	\$ -	
Total		\$ 2,595,744.65	\$ 2,595,744.65	\$ -		\$ 2,595,744.65	100.00%	\$ -	



Below is an HTML approximation of the requested PDF file http://www.miamibeachfl.gov/newcity/depts/building/CO_CC%20Request%20Form.pdf

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

CERTIFICATE OF OCCUPANCY/COMPLETION REQUEST FORM

Please Allow 72 Hours for Processing

Permit Number: B060-0445 Date: 9-1-08
Folio Number: 32150030270
Description of Work: House remodel
Owner Name: Elyse Gainor & Mark Gainor
Contact Name: Mark Gainor
Job Address: 5800 North bay road Apt/Suite #: _____
City/Zip: Miami Beach 33140
Phone Number: 305 531 2700 Alternate Phone #: 305 389-3333

REQUIRED DOCUMENTS (CHECKLIST)

For Office Use Only

- A/E Affidavit
- Final Boundary Survey (Signed & Sealed by Professional Surveyor)
- MDWSD Compliance Letter
- Final Elevation Certificate / Flood Proofing Certificate (Commercial Only)

Comments:

CO/CC Issued by: _____ Date Issued: _____

33,836,58

BUILDING DEPARTMENT Phone:
1700 Convention Center Drive, 2 Floor Fax:
Miami Beach, Florida 33139

NEW CONSTRUCTION & ALTERATIONS
ARCHITECTURAL/ENGINEERING AFFIDAVIT FOR JOB VALUE AND TO

Date: 9-1-08
Permit Number: B860-0445
Project Description: House remodel
Owner: Elyse Galzer & Mark Gainor
Architect and/or Engineering Firm: 3Design inc
Name of Architect or Engineer of Record: Anthony Leon
Address of Architect / Engineering Firm: 4300 Biscayne Blvd.
Contact Number: 305 438 9377

Part One: Architect / Engineer Affidavit: To be Submitted Prior to Permit Issuance.

I, Anthony LEON 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: N/A
Total Gross Floor Area of Alteration / Repair: 12,800
Single Family Dwelling, Duplexes, and Areas within Residential Condominium: N/A
Multi-Family, Commercial, and Industrial: N/A
Total Estimated Construction Cost* for New Construction:
Total Estimated Construction Cost* for Alteration / Repair: 2,595,744.65

Definition: Total Gross Floor Area: The floor area within the inside perimeter of the exterior walls of the building under consideration, exclusive of vaulted ceilings and concs, without deduction for corridors, alcoves, stairs, the thickness of interior walls, columns or other fixtures. 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 concs.

Signature of Architect/Engineer: [Handwritten Signature]

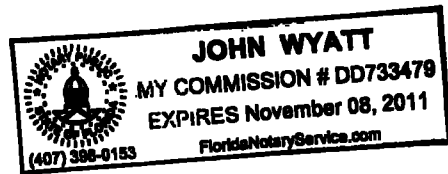
STATE OF FLORIDA COUNTY OF DADE

Sworn to and subscribed 10 day of Nov
at: Anthony Leon

Personally known to me: [] or Previous Identification
Type of Identification: N/A

[] DID TAKE OATH [] DID NOT TAKE OATH

Signature of Notary Public: [Handwritten Signature]



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 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: To be Submitted Prior to Permit Issuance.

Mark & Elyse Gairdot

I 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 verification of construction cost. The City will accept 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 as verification of construction cost.

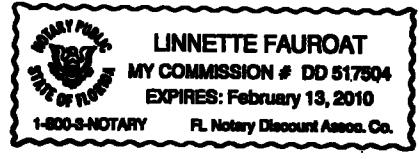
I understand that as the Owner of said property and improvement, I am responsible to pay the City of Miami Beach any difference between the permit fee based on the construction cost and/or square footage submitted with the original permit application and the permit fee based on the final construction 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 10th day of October
 2008 by _____

Personally known to me: _____ or Printed Identification
 Type of Identification: _____
 DID TAKE OATH DID NOT TAKE OATH

 Signature of Notary Public



Part Three: Contractor Affidavit: To be Submitted at the Time of CO / CC:

I, Danilo Ramirez am the Qualifier / General Contractor under contract with Elyse & Mark Gaior Owner of the property undergoing an improvement as described in permit above.

I certify that the total contract value, including all change orders and all permit revisions under PERMIT NUMBER B060-0445 is \$ \$2,595,744.65

I understand that at the time Danilo Ramirez (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 verification of construction cost. The City will accept the most current "ALA 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 as verification of construction cost.

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 special license submitted with the original permit application and the permit fee based on the final construction cost including general conditions and/or final square footages certified by the Owner, Architect and Contractor on the most current "ALA 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.

Notes:

The City of Miami Beach reserves the right to request G708 Contractor's Affidavit of Debts and Claims after the issuance of CO.

If a G702 has not been used for construction drawn by the parties, then the City of Miami Beach will accept sufficient evidence of the final construction cost (for example final statement, final invoice etc.) which evidence must be satisfactory to the Building Director and his Assistant Director, in his/her sole discretion.



Signature of Qualifier / Contractor

STATE OF FLORIDA COUNTY OF DADE

Sworn to and subscribed 10 day of NOVEMBER
2008 by: DANILO RAMIREZ

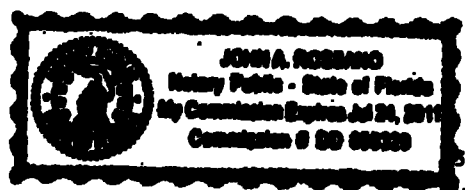
Personally known to me: or Personal Identification

Type of Identification: _____

DID TAKE OATH DID NOT TAKE OATH



Signature of Notary Public



TO (OWNER): Mark Gainor 580C North Bay Road Miami Beach, Fl	PROJECT: Gainor Residence 5800 North Bay Road	APPLICATION NO.: 9	Distribution to: OWNER ARCHITECT CONTRACTOR
FROM (CONTRACTOR): Frame Pro Construction Co. 5730 Harrison Street Hollywood, Fl 33023	VIA (ARCHITECT): 3Design, Inc. 4300 Biscayne Blvd. Suite G-04 Miami, Fl. 33137	PERIOD TO: 8/28/08	ARCHITECT'S PROJECT NO.:
CONTRACT FOR: Mark Gainor	CONTRACT DATE: 04/01/2005		

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for Payment, as shown below, in connection with the Contract. Continuation Sheet, AIA Document G703 is attached.

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Change Orders approved in previous months by Owner		
TOTAL		

1. ORIGINAL CONTRACT SUM.....	\$ 2,595,744.65
2. Net change by Change Orders	\$
3. CONTRACT SUM TO DATE (Line 1 ± 2)	\$ 2,595,744.65
4. TOTAL COMPLETED & STORED TO DATE.....	\$ 2,595,744.65
(Column C on G703)	

Approved this Month

Number	Date Approved
--------	---------------

5.. RETAINAGE:

a. N/A % of Completed Work (Column D + F on C703)	\$ N/A
b. _____ % of Stored Material (Column F on C703)	\$
Total Retainage (Line 5a + 5b or Total in Column I of C703).....	\$
6.. TOTAL EARNED LESS RETAINAGE.....	\$ 2,595,744.65

TOTALS
 Net change by Change Orders

(Line 4 less Line 5 Total)	
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)	
8. CURRENT PAYMENT DUE.....	\$.00
9. BALANCE TO FINISH, PLUS RETAINAGE	\$.00
(Line 3 less Line 6 completed in accordance with the Contract Documents, that all amounts	

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

contractor:
 By: _____ Date: _____

State of: _____ County of: _____
 Subscribed and sworn to before me this _____ 2008
 Notary Public: _____
 My Commission expires: _____

ARCHITECT'S CERTIFICATE FOR PAYMENT

AMOUNT CERTIFIED..... \$ 2,595,744.65

Attach explanation if amount certified differs from the amount applied for.)

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

By: _____ Date: _____
 This Certificate is not negotiable. THE AMOUNT CERTIFIED is payable only to the contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner of Contractor under this Contract.

Continuation Sheet

ASIA Document G702, APPLICATION AND CERTIFICATE FOR PAYMENT, containing Contractor's signed Certification is attached.

In tabulations below, amounts are stated to the nearest dollar.

Us Column I on Contracts where variable retainage or line items may apply.

APPLICATION NUMBER: 39

APPLICATION DATE: 8/28/2008

PERIOD TO: 8/28/2008

ARCHITECT'S PROJECT NO. _____

A Item No.	B Description of Work	C Scheduled Value	D Work Completed		F Materials Presently Stored (not in D or E)	G Total		H Balance to finish (C-G)	I Retainage (if Variable) Rate
			From Previous Application (D+E)	This Period		completed and Stored to Dated (D+E+F)	% (G - C)		
000000002	Permits	\$ 15,975.00	\$ 15,975.00			\$ 15,975.00	100.00%	\$ -	
000000003	General Conditions	\$ 231,395.32	\$ 231,395.32			\$ 231,395.32	100.00%	\$ -	
000000004	Demolition	\$ 45,123.12	\$ 45,123.12			\$ 45,123.12	100.00%	\$ -	
000000005	Structure	\$ 227,159.80	\$ 227,159.80			\$ 227,159.80	100.00%	\$ -	
000000006	Roof	\$ 95,131.10	\$ 95,131.10			\$ 95,131.10	100.00%	\$ -	
000000007	Stucco	\$ 71,459.82	\$ 71,459.82			\$ 71,459.82	100.00%	\$ -	
000000008	Framing & Drywall	\$ 98,788.88	\$ 98,788.88			\$ 98,788.88	100.00%	\$ -	
000000007	Interior Plaster	\$ 52,999.85	\$ 52,999.85			\$ 52,999.85	100.00%	\$ -	
000000010	Plumbing	\$ 116,652.34	\$ 116,652.34			\$ 116,652.34	100.00%	\$ -	
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000000012	Electrical	\$ 137,785.81	\$ 137,785.81			\$ 137,785.81	100.00%	\$ -	
000000013	Audio \ Visual	\$ 106,275.89	\$ 106,275.89			\$ 106,275.89	100.00%	\$ -	
000000014	Insulation	\$ 208,100.05	\$ 208,100.05			\$ 208,100.05	100.00%	\$ -	
000000015	Interior Doors	\$ 22,698.32	\$ 22,698.32			\$ 22,698.32	100.00%	\$ -	
000000016	Exterior Doors \ Windows	\$ 281,000.75	\$ 281,000.75			\$ 281,000.75	100.00%	\$ -	
000000017	Interior Woodwork	\$ 300,125.82	\$ 300,125.82			\$ 300,125.82	100.00%	\$ -	
000000020	Floors	\$ 180,601.05	\$ 180,601.05			\$ 180,601.05	100.00%	\$ -	
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000000023	Painting	\$ 35,097.42	\$ 35,097.42			\$ 35,097.42	100.00%	\$ -	
000000025	Glass	\$ 18,300.95	\$ 18,300.95			\$ 18,300.95	100.00%	\$ -	
000000026	Appliances	\$ 45,005.25	\$ 45,005.25			\$ 45,005.25	100.00%	\$ -	
000000027	Metals	\$ 25,933.93	\$ 25,933.93			\$ 25,933.93	100.00%	\$ -	
000000028	Pre cast Exterior Stone	\$ 78,101.03	\$ 78,101.03			\$ 78,101.03	100.00%	\$ -	
000000029	Driveway	\$ 62,237.48	\$ 62,237.48			\$ 62,237.48	100.00%	\$ -	
000000030	Garage Doors \ Openers	\$ 13,105.00	\$ 13,105.00			\$ 13,105.00	100.00%	\$ -	
000000032	Swimming Pool	\$ 35,102.01	\$ 35,102.01			\$ 35,102.01	100.00%	\$ -	
Total		\$ 2,595,744.65	\$ 2,595,744.65	\$ -		\$ 2,595,744.65	100.00%	\$ -	

Continuation Sheet

ASIA Document G702, APPLICATION AND CERTIFICATE FOR PAYMENT, containing Contractor's signed Certification is attached.
 In tabulations below, amounts are stated to the nearest dollar.
 Use Column I on Contracts where variable retainage or line items may apply.

APPLICATION NUMBER: 39
 APPLICATION DATE: 8/28/2008
 PERIOD TO: 8/28/2008
 ARCHITECT'S PROJECT NO: _____

A Item No.	B Description of Work	C Scheduled Value	D Work Completed		F Materials Presently Stored (not in D or E)	G Total		H Balance to finish (C-G)	I Retainage (if Variable) Rate
			From Previous Application (D+E)	This Period		completed and Stored to Dated (D+E+F)	% (G - C)		
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000000003	General Conditions	\$ 225,620.32	\$ 225,620.32			\$ 225,620.32	100.00%	\$ -	
000000004	Demolition	\$ 43,773.12	\$ 43,773.12			\$ 43,773.12	100.00%	\$ -	
000000005	Structure	\$ 227,159.80	\$ 227,159.80			\$ 227,159.80	100.00%	\$ -	
000000006	Roof	\$ 91,231.10	\$ 91,231.10			\$ 91,231.10	100.00%	\$ -	
000000007	Stucco	\$ 68,559.82	\$ 68,559.82			\$ 68,559.82	100.00%	\$ -	
000000008	Framing & Drywall	\$ 96,888.88	\$ 96,888.88			\$ 96,888.88	100.00%	\$ -	
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000000014	Insulation	\$ 208,100.05	\$ 208,100.05			\$ 208,100.05	100.00%	\$ -	
000000015	Interior Doors	\$ 22,698.32	\$ 22,698.32			\$ 22,698.32	100.00%	\$ -	
000000016	Exterior Doors \ Windows	\$ 281,000.75	\$ 281,000.75			\$ 281,000.75	100.00%	\$ -	
000000017	Interior Woodwork	\$ 294,925.82	\$ 294,925.82			\$ 294,925.82	100.00%	\$ -	
000000020	Floors	\$ 177,401.05	\$ 177,401.05			\$ 177,401.05	100.00%	\$ -	
000000021	Counter Tops	\$ 23,710.00	\$ 23,710.00			\$ 23,710.00	100.00%	\$ -	
000000022	Elevator	\$ 19,018.75	\$ 19,018.75			\$ 19,018.75	100.00%	\$ -	
000000023	Painting	\$ 33,397.42	\$ 33,397.42			\$ 33,397.42	100.00%	\$ -	
000000025	Glass	\$ 18,300.85	\$ 18,300.85			\$ 18,300.85	100.00%	\$ -	
000000026	Appliances	\$ 40,805.25	\$ 40,805.25			\$ 40,805.25	100.00%	\$ -	
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000000029	Driveway	\$ 82,237.48	\$ 82,237.48			\$ 82,237.48	100.00%	\$ -	
000000030	Garage Doors \ Openers	\$ 13,105.00	\$ 13,105.00			\$ 13,105.00	100.00%	\$ -	
000000032	Swimming Pool	\$ 35,102.01	\$ 35,102.01			\$ 35,102.01	100.00%	\$ -	
Total		\$ 2,559,819.65	\$ 2,559,819.65	\$ -		\$ 2,559,819.65	100.00%	\$ -	

CITY OF MIAMI BEACH
Building Department
1700 Convention Ctr Drive, 2nd Floor
Miami Beach, Florida 33139
Inspections: (305) 673-7370
Office: (305) 673-7610

B0600445 BMS0702838 APP

Building Misc Fees

06-08-2009

Activity Number: BMS0702838

Status: CLOSED

Issued By: BUILRODR

Site Address: 5800 N BAY RD MBCH
Parcel #: 32150030270

Applied: 05/15/2007
Approved:

Valuation: \$0.00

Applicant: FRAME-PRO CONSTRUCTION CORP Property Owner: MARK J GAINOR & W ELYSE S
17031 SW 150 CT MARK J GAINOR TRUSTEE
MIAMI FL 33187 5800 N BAY RD 331402043
786-346-0932

Description: RVSN TO EXISTING CABANA TO BLDG/PLUM/ELEC & ZNG
Inspector Area: N Class Code:

DETAIL LIST

Miscellaneous Fees

Microfilm Copies - Per # of:	0	\$0.00
Photostatic Copies - Per # of:	0	\$0.00
Fax Transmittal Pages - Per # of:	0	\$0.00
Special Project Fee:		\$0.00
Occupant Content Certificate - Per # of:	0	\$0.00
Builders Bond:		\$0.00
Certified Copies - Per # of:	0	\$0.00
Flood Zone Determination - Per # of:	0	\$0.00

NSF Check Amounts & Charges

Building Work Permit:	\$0.00	\$0.00
Electrical Work Permit:	\$0.00	\$0.00
Mechanical Work Permit:	\$0.00	\$0.00
Plumbing Work:	\$0.00	\$0.00
Demolition Work Permit:	\$0.00	\$0.00
Certificate of Completion:	\$0.00	\$0.00
Certificate of Occupancy:	\$0.00	\$0.00
Recertification:	\$0.00	\$0.00
Microfilm:	\$0.00	\$0.00
Photostatic Copies:	\$0.00	\$0.00
Miscellaneous Fees:	\$0.00	\$0.00
Bonds:	\$0.00	\$0.00
Fire Safety Fees:	\$0.00	\$0.00
Marine Structures:	\$0.00	\$0.00
Elevator/Escalator Fees:	\$0.00	\$0.00

Conversion Letters

Zoning Conversion Letter - Per # of:	0	\$0.00
Buildig Conversion Letter - Per # of:	0	\$0.00

Elevator Re-inspection Fees:

Elevator 1st Reinspection - Per Inspection:	0	\$0.00
Elevator Subsequent Inspection - Per Inspection:	0	\$0.00
Elevator - Other Fees:		\$0.00
Elevator - Explain Other Fees:		

Total of All Fees:		\$500.00
Total of Payments:		\$500.00
Balance Due:		\$0.00

CITY OF MIAMI BEACH
Building Department
1700 Convention Ctr Drive, 2nd Floor
Miami Beach, Florida 33139
Inspections: (305) 673-7370 Office: (305) 673-7610

Cancellation.

Miscellaneous Receipt

12-30-2008

Activity Number: BMS0702838

Status: CLOSED

Issued By: BUILRODR

Site Address: 5800 N BAY RD MBCH
Parcel #: 32150030270

Applied: 05/15/2007
Approved:

Valuation: \$0.00

Applicant: FRAME-PRO CONSTRUCTION CORP Property Owner: MARK J GAINOR & W ELYSE S
17031 SW 150 CT MARK J GAINOR TRUSTEE
MIAMI FL 33187 5800 N BAY RD 331402043
786-346-0932

Description: RVSN TO EXISTING CABANA TO BLDG/PLUM/ELEC & ZNG
Inspector Area: N Class Code:

Fees Summary

Total of All Fees:	\$500.00
Total of Payments:	\$500.00
Balance Due:	\$0.00



MIAMI BEACH

1700 CONVENTION CENTER DRIVE
2ND FLOOR-CITY HALL
MIAMI BEACH, FL 33139

305-673-7610 (Phone)

(305) 673-7857 (Fax)

PERMIT CANCELLATION REQUEST

Date: 12 | 30 | 08

REF: Contractor Name: Frame pro
 Permit Number: BMS0702838
 Job Address: 5800 North Bay Rd
 Cancellation Reason: change of mind
 Contact Name: James Watson
 Phone Number: 786-877-9929
 Work has: [] not taken place. [] or, taken place.

Please be advised that this a request to cancel above referenced information. Should you need any further information please contact the above referenced person at the phone number indicated above.

As the owner of the referenced property , upon signing this affidavit and having my signature notarized, I am signing and attesting that work was not performed as originally requested on the permit that was pulled. Permit # BMS0702838

Sincerely;

Signature of Owner

MARK K. GAINOT
Printed Name of Owner

Date 30 OF DECEMBER 2008

Signature of Notary Public

ID _____

Signature of Contractor

DANILO RAMIREZ
Printed Name of Contractor

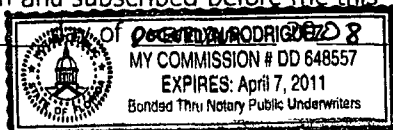
Date 30 OF DECEMBER 2008

Signature of Notary Public

ID _____

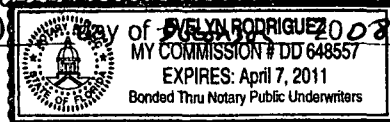
Sworn and subscribed before me this

30
(Seal)



Sworn and subscribed before me this

30
(Seal)





SIDDIQ KHAN & ASSOCIATES, INC
 CONSULTING ENGINEERS AND PLANNERS
 7400 S.W. 50TH TERRACE, SUITE 105
 MIAMI, FLORIDA 33155

(305) 662-2301
 FAX: (305) 661-3962
 www.ska-engineering.com

B0600445

Gainor Residence
5800 N. Bay Road
Miami, Beach, Florida

Permit No. B0600445
 SKA Project No. 05-618.02

Special Inspection Log and Construction Observations

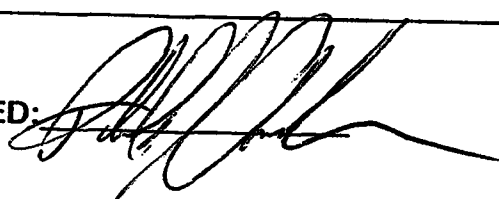
Date	Description	Notes	Approved	Disapproved
4/24/07	POWDER ROOM	MUST PROVIDE WOOD COLLECTORS AS PER PLANS & RELOCATED. 4x4 WOOD POST TO CORRECT LOCATION & ANCHOR.		
4/24/07	MEDIA ROOM	CORRECTED BOLTS SPACING AS PER PLANS. BOLTS NOT NEED TO BE INTO THE CONCRETE SLABS WITH EPOXY (SEE NOTES)		
4/26/07	POWDER ROOM & MEDIA ROOM	CORRECTIONS ARE OK		

B0600639

RECORD OF OBSERVATIONS

PROJECT NAME: 3675 FLAMINGO RESIDENCE PROJECT NO.: _____
PROJECT LOC.: MIAMI BEACH FL WORK LOCATION: ROOF PER HOUSE
KACO REP.: PJ. ANDREWS SHEET 1 OF 1
CLIENT: KATHERINE NEWAN DESIGN DATE: 4-26-07
CONTRACTOR: VM CONSTRUCTION
TYPE OF OBSERVATION: VISUAL OF ROOF TRUSSES & ANCHORS

OBSERVATIONS:
Checked all the roof trusses in the main house.
Repair to Trusses over the Gallery. Bracing of all Trusses,
Anchor's for Trusses, Also checked plywood roof sheq. and
fastening to be in compliance with project drawings.

RESPECTFULLY SUBMITTED: 



B06-0443

PFEIFFER ENGINEERING, INC.

February 12, 2008

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

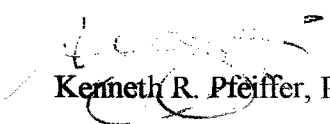
Re: Residential Swimming Pool for
Brahma Construction
4411 North Bay Road
Miami Beach, Florida

Gentlemen:

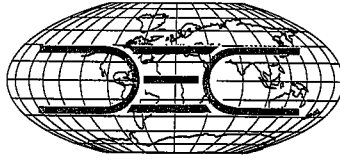
This letter is to inform you that the undersigned has been in contact with the piling contractor for the referenced project as it pertains to the helical piles needed to support the proposed spa pool. The manufacturer of the pile has shown that the proposed piles do not require the continuous #5 rebar and grouting as indicated on the approved plans. Even without these two items, the piles will be able to support the design load of 10000 pounds each.

Should you have any questions concerning the above, please feel free to contact this office at any time.

Very truly yours,


Kenneth R. Pfeiffer, P.E.

GEO TECHNICAL
ENVIRONMENTAL
HYDROGEOLOGY
ASBESTOS



BO600445
TESTING LABORATORIES
DRILLING SERVICES
INSPECTION SERVICES
ROOFING

DYNATECH ENGINEERING CORP.

Miami, January 14, 2008

Mr. Sam Ben-Abraham
4411 North Bay Road
Miami Beach, FL 33140

Re: Addition @
4411 North Bay Road
Miami Beach, FL

Dear Mr. Ben-Abraham:

Pursuant to your request, DYNATECH ENGINEERING CORP. has performed a site inspection on January 11 and 14, 2008 at the above referenced project. The purpose of our inspection was to document the pile logging operations.

All piles consisted of type A 2 7/8" diameter Helical piles 10/12" driven to the depth indicated on the attached field log to achieve a bearing capacity of 5 tons.

Enclosed find copies of our field log inspection.

It has been a pleasure working with you and look forward to do so in the near future.

Sincerely yours,

Wissam Naamani, P.E.
DYNATECH ENGINEERING CORP.
Florida Reg. No. 39584
Special Inspector No. 757
WN/sk

DYNATECH

ENGINEERING CORP.

750 WEST 74TH STREET
 HIALEAH, FLORIDA 33014
 (305) 828-7499

REPORT OF PILE DRIVING INSPECTION

CLIENT : MR. SAM BEN-ABRAHAM
 PROJECT : Addition @
 ADDRESS : 4411 North Bay Road, Miami Beach, FL.

DATE: January 11, 2008
 HAMMER USED: Helical
 PAGE NO.: 1 of 2

PILE TYPE									
PILE NO.	1	2	3	4	5	6	7	8	
REMARKS	1								1
	2								2
	3								3
	4								4
	5	700	700	700	700	700	700	700	5
	6	1200	1200	1200	1100	1100	1200	1100	6
	7	1800	1500	1800	1300	1200	1300	1200	7
	8	2100	1800	1900	1800	1300	1400	1400	8
	9	2500	2000	2000	2000	1400	1800	1800	9
	10	2600	2100	2200	2100	1900	2000	2100	10
	11	2700	2500	2300	2400	2000	2100	2400	11
	12	2800	2600	2600	2600	2600	2400	2800	12
	13	3000	2700	3000	2700	3000	2700	3000	13
	14								14
	15								15
	16								16
	17								17
	18								18
	19								19
	20								20
	21								21
	22								22
	23								23
	24								24
	25								25
	26								26
	27								27
	28								28
	29								29
	30								30
	31								31
	32								32
	33								33
	34								34
	35								35
Pile Size (Inches)	3"	3"	3"	3"	3"	3"	3"	3"	
Length (Feet)	13'	13'	13'	13'	13'	13'	13'	13'	
Bearing Required	5T	5T	5T	5T	5T	5T	5T	5T	
Penetration Last 5 Blows	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Formula Tons	5T	5T	5T	5T	5T	5T	5T	5T	
Depth Driven Feet	13	13	13	13	13	13	13	13	

NOTE: Depth Driven Refers To Existing Ground Elevation

DYNATECH

ENGINEERING CORP.

750 WEST 74TH STREET
 HIALEAH, FLORIDA 33014
 (305) 828-7499

REPORT OF PILE DRIVING INSPECTION

CLIENT : MR. SAM BEN-ABRAHAM
 PROJECT : Addition @
 ADDRESS : 4411 North Bay Road, Miami Beach, FL.

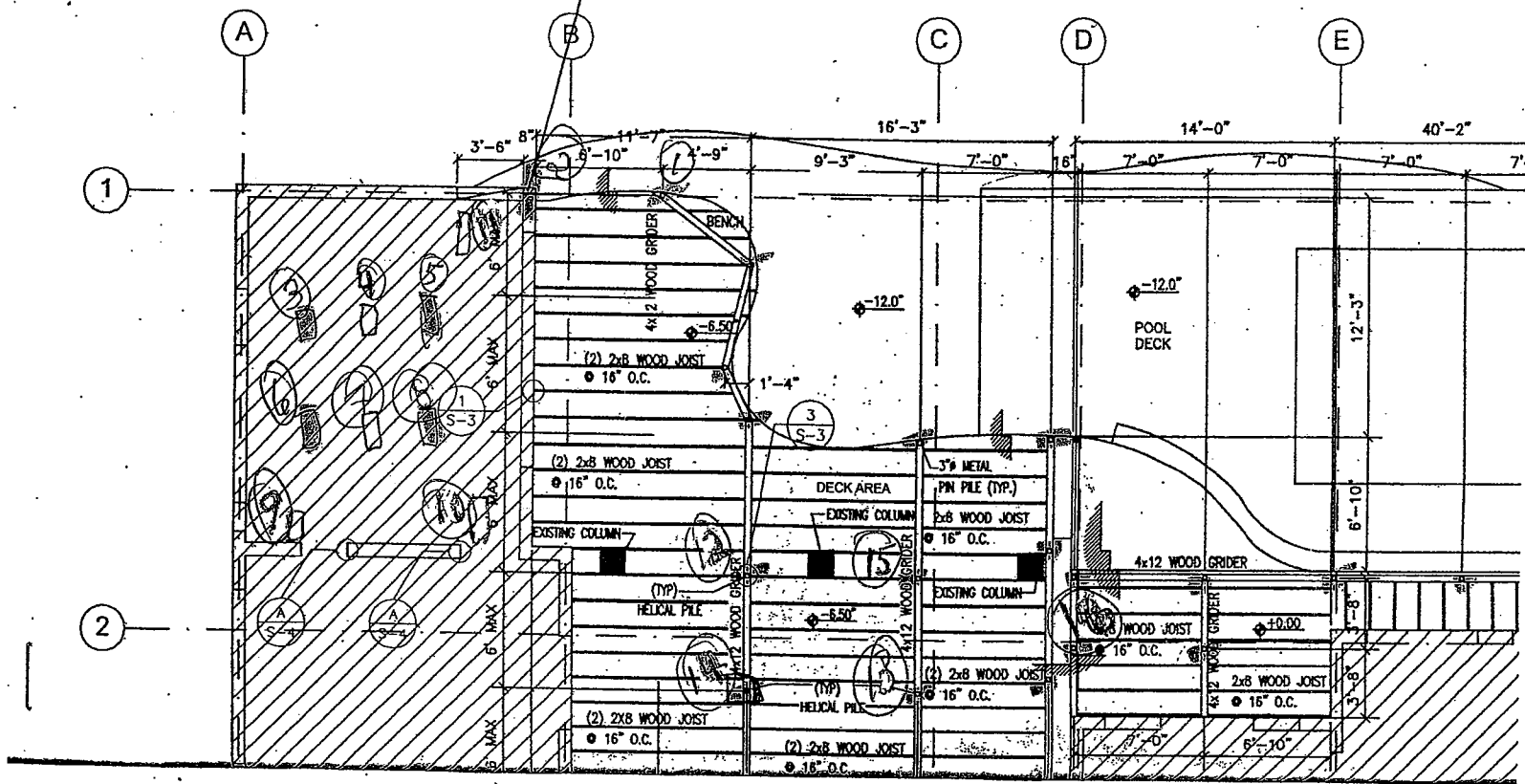
DATE: January 14, 2008
 HAMMER USED: Helical
 PAGE NO.: 2 of 2

PILE TYPE									
PILE NO.	9	10	11	12	13	14	15	16	
REMARKS	1								1
	2								2
	3								3
	4								4
	5	700	700	700	700	700	700	700	5
	6	900	900	900	1000	1000	1000	1000	6
	7	1200	1000	1000	1100	1200	1200	1100	7
	8	2800	1200	1200	1500	1400	1500	1300	8
	9	2000	1600	1600	1800	1600	1800	1600	9
	10	2200	2000	2000	2200	1700	2000	1900	10
	11	2400	2400	2200	2400	1900	2100	2100	11
	12	2600	2600	2100	2600	2000	2400	2300	12
	13					2200	2600	2600	13
	14					2400			14
	15								15
	16								16
	17								17
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	28								28
	29								29
	30								30
	31								31
	32								32
	33								33
	34								34
	35								35
Pile Size (Inches)	3"	3"	3"	3"	3"	3"	3"	3"	
Length (Feet)	13'	13'	13'	13'	15'	14'	14'	12'	
Bearing Required	5T	5T	5T	5T	5T	5T	5T	5T	
Penetration Last 5 Blows	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Formula Tons	5T	5T	5T	5T	5T	5T	5T	5T	
Depth Driven Feet	13	13	13	13	15	14	14	12	

NOTE: Depth Driven Refers To Existing Ground Elevation

4 Flows/Bracket

D
S-2.1



B0600 44

TRACY CONSULTANTS INC., 4660 SW 128th AVE., FT. LAUD., 33330
PH. (954)434-5035, MOB. (954) 651-2840, FAX(954) 434-1675

HELICAL PILE LOG

DATE; JANUARY 17, 2008
CONTRACTOR; J.L.U. ENTERPRISES, INC.
ADDRESS: 5800 NORTH BAY ROAD, MIA. BCH., FL.
GEN. CONTR; FRAME PRO CONSTRUCTION CORP.
TAB08-006

PILES & TYPE		DEPTH FT.	FINAL INSTALLER PSI	FINAL TORQUE FT-LB'S	CAPACITY IN TONS	REMARKS
1	278	18	1200	6000	10C	
2	"	18	"	"	"	
3	"	18	"	"	"	
4	"	18	"	"	"	
5	"	18	"	"	"	
6	"	18	"	"	"	
7	"	18	"	"	"	
8	"	19	"	"	"	
9	"	17	"	"	"	
10	"	17	"	"	"	
11	"	18	"	"	"	
12	"	18	"	"	"	
13	"	18	"	"	"	
14	"	18	"	"	"	
15	"	18	"	"	"	
16	"	18	"	"	"	
17	"	18	"	"	"	
18	"	18	"	"	"	
19	"	18	"	"	"	
20	"	18	"	"	"	
21	"	19	"	"	"	

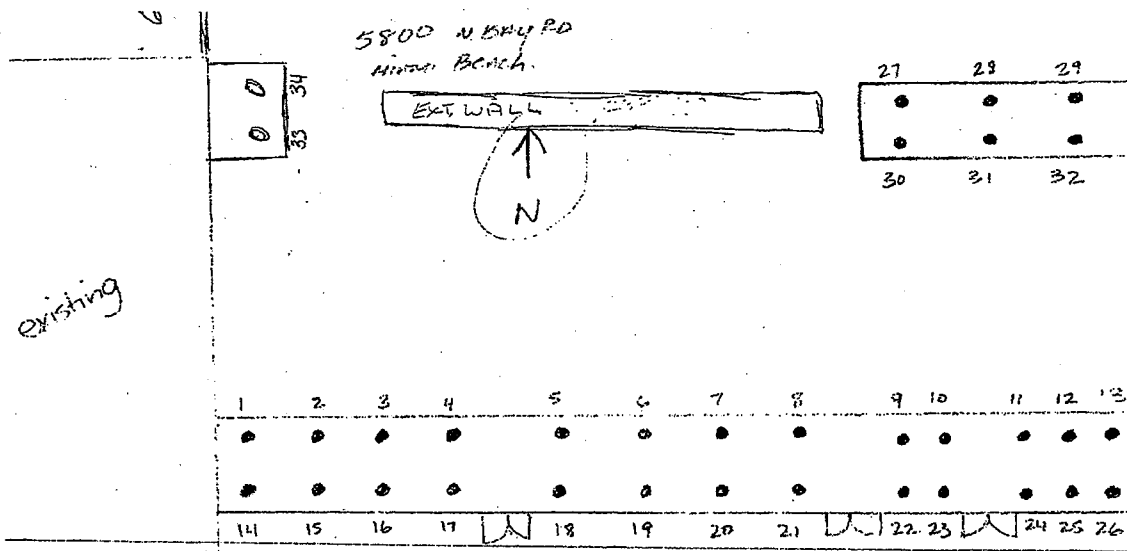
Robert Feary
1/21/08

22	278	17	1200	6000	9C-
23	"	17	"	"	"
24	"	18	"	"	"
25	"	18	"	"	"
26	"	18	"	"	"
27	"	17	"	"	"
28	"	17	"	"	"
29	"	17	"	"	"
30	"	17	"	"	"
31	"	17	"	"	"
32	"	17	"	"	"
33	"	17	"	"	"
34	"	18	"	"	"

EQUIPMENT: RG-8000 / ART-0030 DRIVE HEAD MACHINE MOUNTED

MATERIAL: A.B. CHANCE HELICAL PILING SYSTEM WITH A 2.875 SCH 40 PIPE IN 7 FOOT SLEEVED EXTENSIONS AND A DOUBLE 10 & 12 INCH HELIX LEAD SECTION.

INSTALLATION: EXTENSIONS ARE SLEEVED IN TURN TO THOSE DRIVEN WITH THREE 3/4" THRU-BOLTS AND CONTINUED TO BE DRIVEN OR ROTATED UNTIL THE DESIGNATED PSI IS REACHED. PIPE IS CUT TO THE DESIRED ELEVATION, AND CAPPED WITH A 8x8"x1/2 STEEL PLATE..



Robert N. Tracy
1/22/08

ROBERT N. TRACY, P.E. #11363
PRESIDENT

B0600445

PFEIFFER ENGINEERING, INC.

February 12, 2008

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

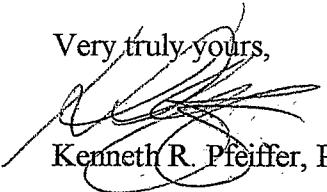
Re: Residential Swimming Pool for
Brahma Construction
4411 North Bay Road
Miami Beach, Florida

Gentlemen:

This letter is to inform you that the undersigned has been in contact with the piling contractor for the referenced project as it pertains to the helical piles needed to support the proposed spa pool. The manufacturer of the pile has shown that the proposed piles do not require the continuous #5 rebar and grouting as indicated on the approved plans. Even without these two items, the piles will be able to support the design load of 10000 pounds each.

Should you have any questions concerning the above, please feel free to contact this office at any time.

Very truly yours,


Kenneth R. Pfeiffer, P.E.



SIDDIQ KHAN & ASSOCIATES, INC
CONSULTING ENGINEERS AND PLANNERS
7400 S.W. 50TH TERRACE, SUITE 105
MIAMI, FLORIDA 33155

(305) 662-2301
FAX: (305) 661-3962
www.ska-engineering.com

January 17, 2007

RE: Gainor Residence, Miami Beach, FL
SKA Project No. 05-618.02
Process Number: B0600445


Subject: Window Bucks

Dear Building Official,

It has been brought to my attention that the Window Buck installation was passed by a previous City Inspector and partial SKA's Special Inspector's approval. A different City Inspector is now questioning some shims under the wood bucks due to irregularity in the structure opening size. Our design of the wood bucks always account for a maximum of 1/2" uneven surface (designed as if there is an air gap between wood buck and structure for these commonly encountered conditions). Therefore, the added wood shim up to 1/2" in thickness will be structurally acceptable. Shims beyond 1/2" will need to be reevaluated by our office for retrofits.

If you have any questions or are in need of clarification, please do not hesitate to contact our office.

Sincerely,
Siddiq Khan & Associates, Inc.



Taimur A. Khan, P.E.
FL PE #60994
January 17, 2007



SIDDIQ KHAN & ASSOCIATES, INC
CONSULTING ENGINEERS AND PLANNERS
7400 S.W. 50TH TERRACE, SUITE 105
MIAMI, FLORIDA 33155

(305) 662-2301
FAX: (305) 661-3962
www.ska-engineering.com

June 20, 2006

RE: Gainor Residence, Miami Beach, FL
SKA Project No. 05-618.02
Process Number: B0600445


Subject: Use of 135 degree Hooks.

Dear Building Official,

The Contractor has installed stirrups without 135 degree hooks (90 degree hooked stirrups installed) on the exterior beams which are not in accordance with our drawings. Due to this error, the Shell Contractor installed 'U' bars with 4" legs into the beams as a supplement. This solution, by the Shell Contractor, does not work, however; the 90 degree stirrups are acceptable by design since none of the beams were designed for torsion. We ask that the 'U' bars be removed since it will weaken the bond between the concrete and stirrups. Please note that interior beams do not require 135 degree stirrups.

If you have any questions or are in need of clarification, please do not hesitate to contact our office.

Sincerely,



Taimur A. Khan, P.E.
FL PE #60994
June 20, 2006



DYNATECH ENGINEERING CORP.

Miami, January 14, 2008

Mr. Sam Ben-Abraham
4411 North Bay Road
Miami Beach, FL 33140

Re: Addition @
4411 North Bay Road
Miami Beach, FL

Dear Mr. Ben-Abraham:

Pursuant to your request, DYNATECH ENGINEERING CORP. has performed a site inspection on January 11 and 14, 2008 at the above referenced project. The purpose of our inspection was to document the pile logging operations.

All piles consisted of type A 2 7/8" diameter Helical piles 10/12" driven to the depth indicated on the attached field log to achieve a bearing capacity of 5 tons.

Enclosed find copies of our field log inspection.

It has been a pleasure working with you and look forward to do so in the near future.

Sincerely yours,

Wissam Naamani, P.E.
DYNATECH ENGINEERING CORP.
Florida Reg. No. 39584
Special Inspector No. 757
WN/sk

DYNATECH

ENGINEERING CORP.

750 WEST 74TH STREET
 HIALEAH, FLORIDA 33014
 (305) 828-7499

REPORT OF PILE DRIVING INSPECTION

CLIENT : MR. SAM BEN-ABRAHAM
 PROJECT : Addition @
 ADDRESS : 4411 North Bay Road, Miami Beach, FL.

DATE: January 11, 2008
 HAMMER USED: Helical
 PAGE NO.: 1 of 2

PILE TYPE									
PILE NO.	1	2	3	4	5	6	7	8	
REMARKS	1								1
	2								2
	3								3
	4								4
	5	700	700	700	700	700	700	700	5
	6	1200	1200	1200	1100	1100	1200	1100	6
	7	1800	1500	1800	1300	1200	1300	1200	7
	8	2100	1800	1900	1800	1300	1400	1400	8
	9	2500	2000	2000	2000	1400	1800	1800	9
	10	2600	2100	2200	2100	1900	2000	2100	10
	11	2700	2500	2300	2400	2000	2100	2400	11
	12	2800	2600	2600	2600	2600	2400	2800	12
	13	3000	2700	3000	2700	3000	2700	3000	13
	14								14
	15								15
	16								16
	17								17
	18								18
	19								19
	20								20
	21								21
	22								22
	23								23
	24								24
	25								25
	26								26
	27								27
	28								28
	29								29
	30								30
	31								31
	32								32
	33								33
	34								34
	35								35
Pile Size (Inches)	3"	3"	3"	3"	3"	3"	3"	3"	
Length (Feet)	13'	13'	13'	13'	13'	13'	13'	13'	
Bearing Required	5T	5T	5T	5T	5T	5T	5T	5T	
Penetration Last 5 Blows	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Formula Tons	5T	5T	5T	5T	5T	5T	5T	5T	
Depth Driven Feet	13	13	13	13	13	13	13	13	

NOTE: Depth Driven Refers To Existing Ground Elevation

DYNATECH

ENGINEERING CORP.

750 WEST 74TH STREET
 HIALEAH, FLORIDA 33014
 (305) 828-7499

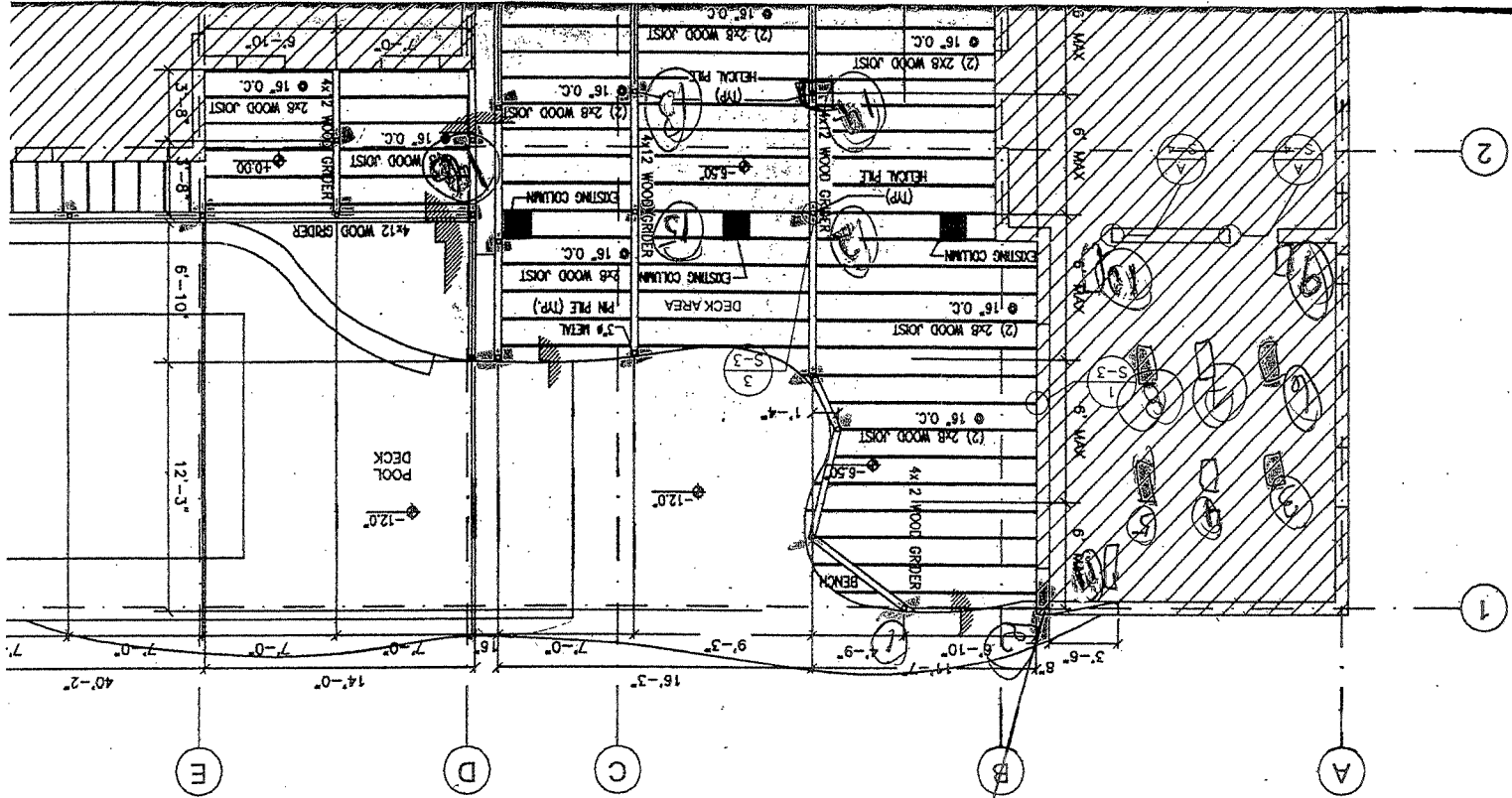
REPORT OF PILE DRIVING INSPECTION

CLIENT : MR. SAM BEN-ABRAHAM
 PROJECT : Addition @
 ADDRESS : 4411 North Bay Road, Miami Beach, FL.

DATE: January 14, 2008
 HAMMER USED: Helical
 PAGE NO.: 2 of 2

PILE TYPE									
PILE NO.	9	10	11	12	13	14	15	16	
REMARKS	1								1
	2								2
	3								3
	4								4
	5	700	700	700	700	700	700	700	5
	6	900	900	900	1000	1000	1000	1000	6
	7	1200	1000	1000	1100	1200	1200	1100	7
	8	2800	1200	1200	1500	1400	1500	1300	8
	9	2000	1600	1600	1800	1600	1800	1600	9
	10	2200	2000	2000	2200	1700	2000	1900	10
	11	2400	2400	2200	2400	1900	2100	2100	11
	12	2600	2600	2100	2600	2000	2400	2300	12
	13					2200	2600	2600	13
	14					2400			14
	15								15
	16								16
	17								17
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	26								26
	27								27
	28								28
	29								29
	30								30
	31								31
	32								32
	33								33
	34								34
	35								35
Pile Size (Inches)	3"	3"	3"	3"	3"	3"	3"	3"	
Length (Feet)	13'	13'	13'	13'	15'	14'	14'	12'	
Bearing Required	5T	5T	5T	5T	5T	5T	5T	5T	
Penetration Last 5 Blows	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Formula Tons	5T	5T	5T	5T	5T	5T	5T	5T	
Depth Driven Feet	13	13	13	13	15	14	14	12	

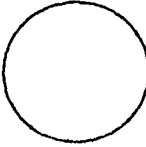
NOTE: Depth Driven Refers To Existing Ground Elevation



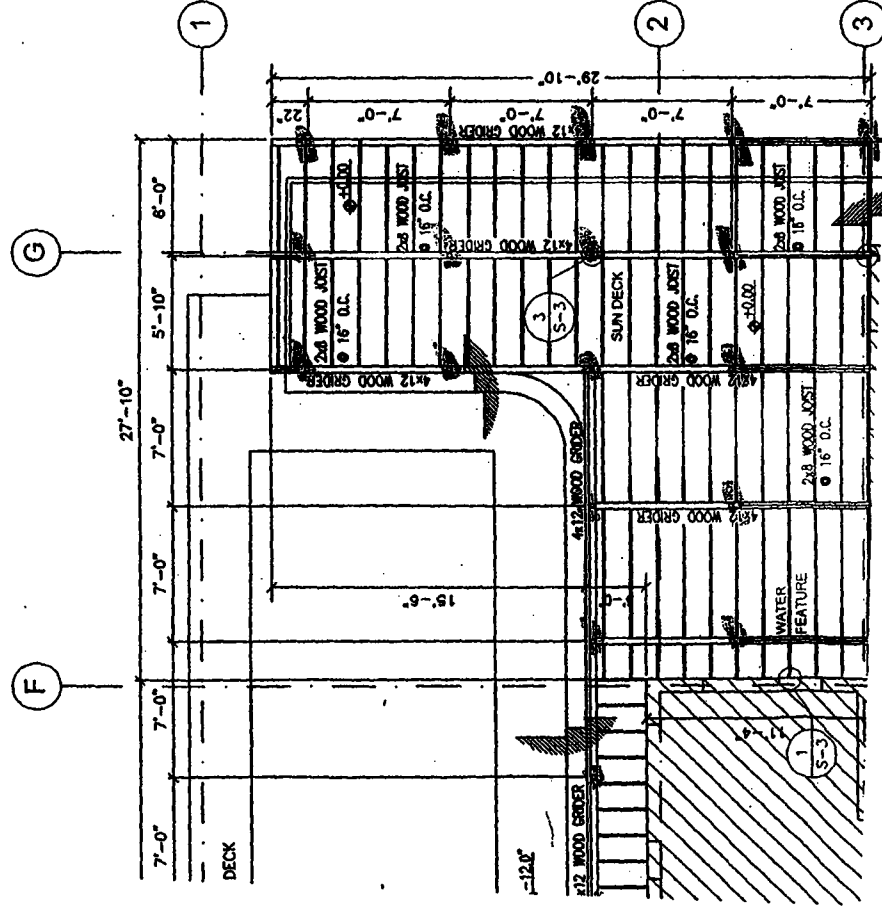
2 Rows/Bracket

ENCE

MCE
MAYOR, CHEN & ENGINEERING
CONSULTING ENGINEERING
3150 SHERMAN STREET
MAYWOOD, CA 94566
TEL. (925) 287-9120
FAX (925) 270-8206
www.mce-engineering.com



YOUSEF NACHEN, P.D., P.E.
No. 43862



JN 3-15-07 B0600445

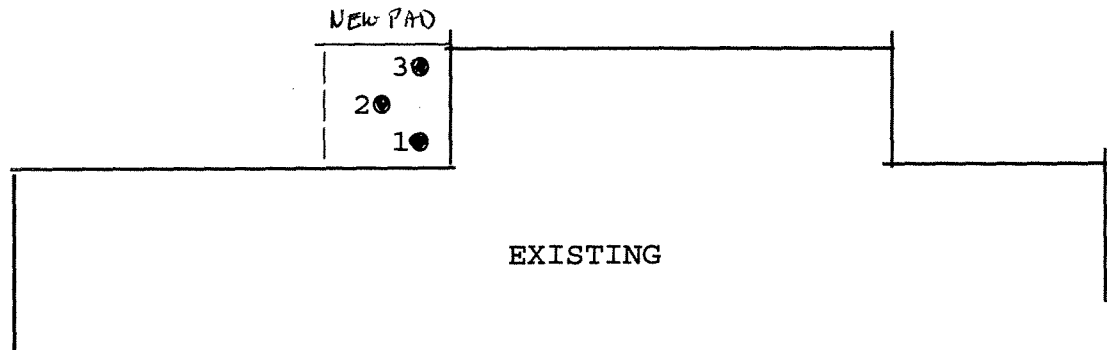
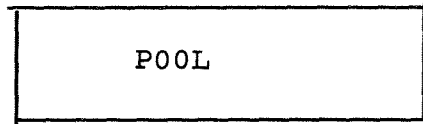
TRACY CONSULTANTS INC., 4660 SW 128th AVE., FT. LAUD., 33330
PH. (954)434-5035, MOB. (954) 651-2840, FAX(954) 434-1675

TAB07-006

DATE; JANUARY 19, 2007 JLU ENTERPRISES, INC.
PERMIT# , ADDRESS: 5800 N. BAY RD, MIAMI BEACH
GEN. CONTR: FRAME PRO CONSTRUCTION.

PIN PILE INSTALLATION			PIN PILE INSTALLATION		
PILE NO.	PILE DEPTH FT.	PILE CAPACITY	PILE NO.	PILE DEPTH	PILE CAPACITY
1	17	5 TONS	3	17	5 TONS
2	17	"			

- NOTES:
1. GROUT MIX = 4000 PSI IN 28 DAYS.
 2. PIN-PILE CONSISTED OF 3" SCH. 80 STEEL PIPE, GENERALLY SLEEVED & WELDED IN 7 FOOT SEGMENTS AND DRIVEN TO REFUSAL W/ A MACHINE DRIVER AND SECURED TO UNDERPINNING BRACKETS.



Robert N. Tracy
1/22/07

ROBERT N. TRACY, P.E., 11363,
PRESIDENT

B0600 44

TRACY CONSULTANTS INC., 4660 SW 128th AVE., FT. LAUD., 33330
PH. (954)434-5035, MOB. (954) 651-2840, FAX(954) 434-1675

HELICAL PILE LOG

DATE; JANUARY 17, 2008
CONTRACTOR; J.L.U. ENTERPRISES, INC.
ADDRESS: 5800 NORTH BAY ROAD, MIA. BCH., FL.
GEN. CONTR; FRAME PRO CONSTRUCTION CORP.
TAB08-006

PILES & TYPE		DEPTH FT.	FINAL INSTALLER PSI	FINAL TORQUE FT-LB'S	CAPACITY IN TONS	REMARKS
1	278	18	1200	6000	10C	
2	"	18	"	"	"	
3	"	18	"	"	"	
4	"	18	"	"	"	
5	"	18	"	"	"	
6	"	18	"	"	"	
7	"	18	"	"	"	
8	"	19	"	"	"	
9	"	17	"	"	"	
10	"	17	"	"	"	
11	"	18	"	"	"	
12	"	18	"	"	"	
13	"	18	"	"	"	
14	"	18	"	"	"	
15	"	18	"	"	"	
16	"	18	"	"	"	
17	"	18	"	"	"	
18	"	18	"	"	"	
19	"	18	"	"	"	
20	"	18	"	"	"	
21	"	19	"	"	"	

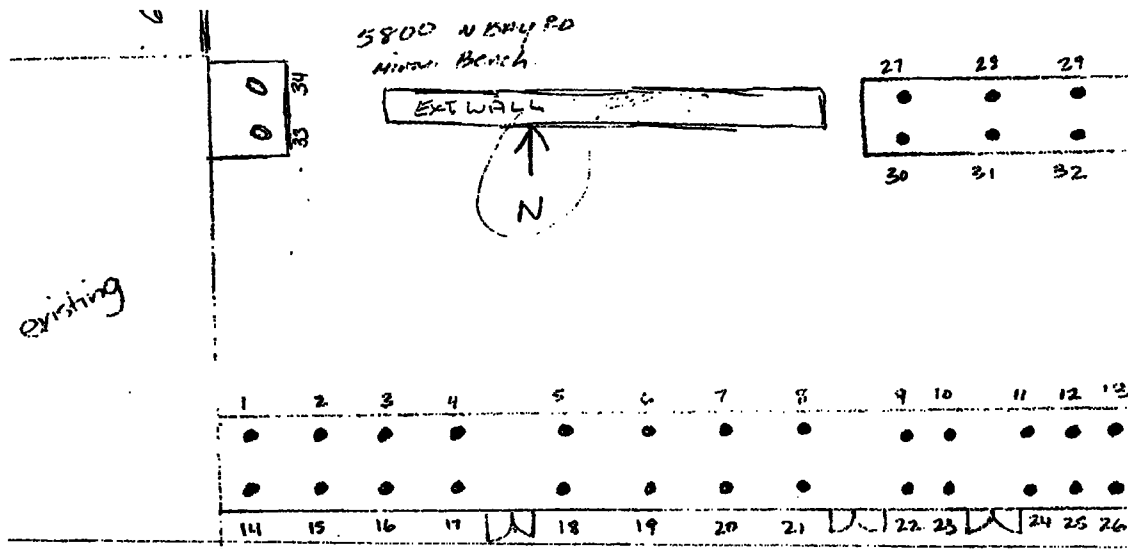
Michael Feary
4/21/08

22	278	17	1200	6000	9C-
23	"	17	"	"	"
24	"	18	"	"	"
25	"	18	"	"	"
26	"	18	"	"	"
27	"	17	"	"	"
28	"	17	"	"	"
29	"	17	"	"	"
30	"	17	"	"	"
31	"	17	"	"	"
32	"	17	"	"	"
33	"	17	"	"	"
34	"	18	"	"	"

EQUIPMENT: RG-8000 / ART-0030 DRIVE HEAD MACHINE MOUNTED

MATERIAL: A.B. CHANCE HELICAL PILING SYSTEM WITH A 2.875 SCH 40 PIPE IN 7 FOOT SLEEVED EXTENSIONS AND A DOUBLE 10 & 12 INCH HELIX LEAD SECTION.

INSTALLATION: EXTENSIONS ARE SLEEVED IN TURN TO THOSE DRIVEN WITH THREE 3/4" THRU-BOLTS AND CONTINUED TO BE DRIVEN OR ROTATED UNTIL THE DESIGNATED PSI IS REACHED. PIPE IS CUT TO THE DESIRED ELEVATION. AND CAPPED WITH A 8x8"x1/2 STEEL PLATE..



Robert N. Tracy
1/22/08

ROBERT N. TRACY, P.E. #11363
PRESIDENT



BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

PRODUCT CONTROL NOTICE OF ACCEPTANCE

United Steel Products Company
703 Rogers Drive (P. O. Box 80)
Montgomery, MN 56069

CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT DIVISION
(305) 375-2904 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

Handwritten signature: Raul Rodriguez

Your application for Notice of Acceptance (NOA) of:

Face Mount Joist Hangers And Framing Angles

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

ACCEPTANCE NO.: 01-0417.1A
EXPIRES: 07/09/2006

Handwritten signature: Raul Rodriguez

Raul Rodriguez
Chief Product Control Division

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL
CONDITIONS
BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Handwritten signature: Francisco J. Quintana

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

APPROVED: 06/28/2001



United Steel Products Company.

ACCEPTANCE NO: 01-0417.11

APPROVED: JUN 28 2001

EXPIRES: 07/09/2006

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

- 1.1 This renews the Notice of Acceptance No. 98-0421.06, which was issued on 07/09/98. It approves wood connectors; as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code (SFBC), 1994 Edition for Miami-Dade County. For the locations where the actual loads as determined by SFBC Chapter 23, do not exceed the design load indicated in the approved drawings.

2. PRODUCT DESCRIPTION

- 2.1 The **United Steel Wood Connectors** shall be fabricated and used in strict compliance with the following documents: Drawing No. JUS/JA/MP, sheet 1 of 1, titled "Face Mount Joist Hangers and Framing Angles", prepared by United Steel Products Company, dated 04/06/01 with no revisions. The drawings shall bear the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade Product Control Division. These documents shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

- 3.1 Allowable loads are for Douglas Fir or better with a specific gravity of 0.50 and moisture content of 19% or less.
3.2 Allowable loads are based on testing per ASTM D1761 and calculations per National Design Specifications for Wood Construction 1991 Edition & 1993 Errata.

4. INSTALLATION

- 4.1 The wood connectors shall be installed in strict compliance with the approved drawings.


5. LABELING

- 5.1 Each wood connector shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved".

6. BUILDING PERMIT

- 6.1 Application for Building Permit shall be accompanied by copies of the following:

- 6.1.1 This Notice of Acceptance
6.1.2 Duplicate copies of the approved drawings as identified in Section 2 of this Notice of Acceptance, clearly marked to show the hangers and angles selected for the proposed installation.
6.1.3 Any other document required by the Building Official or the SFBC in order to properly evaluate the installation of these products.



Candido Font, PE, Sr. Product Control Examiner
Product Control Division

United Steel Products Company.


ACCEPTANCE NO.: 01-0417.11

APPROVED: JUN 28 2001

EXPIRES: 07/09/2006

NOTICE OF ACCEPTANCE STANDARD CONDITIONS

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test-supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
 - a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
 - b) The product is no longer the same product (identical) as the one originally approved;
 - c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
 - d) The engineer who originally prepared, signed and sealed the required documentation initially submitted is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
 - a) Unsatisfactory performance of this product or process.
 - b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
6. The Notice of Acceptance number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer need not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.


Candido Font, PE, Sr. Product Control Examiner
Product Control Division

END OF THIS ACCEPTANCE

United Steel Products Company.

ACCEPTANCE NO: 01-0417.11

APPROVED: JUN 28 2001

EXPIRES: 07/09/2006

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

(For File ONLY. Not part of NOA)

A DRAWINGS

1. Drawings prepared by United Steel Products Company, titled "Face Mount Joist Hangers and Framing Angles", Drawing No. JUS/JA/MP, sheet 1 of 1, dated 04/06/01 with no revisions, signed and sealed by T. A. Kolden, PE.

B TEST

Test reports on wood connectors per ASTM D1761 by Maxim Technologies Inc., signed and sealed by S. L. Muschinske, PE.

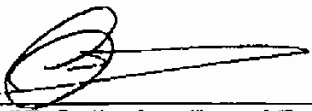
	Report No.	Wood Connector	Direction	Date
1.	3013-71-5327	JUS Series	Upward & Down	03/06/98
2.	3013-71-5327	JA Series	Upward & Down	03/06/98
3.	3013-71-5327	MP Series	Upward & Down	03/06/98

C CALCULATIONS

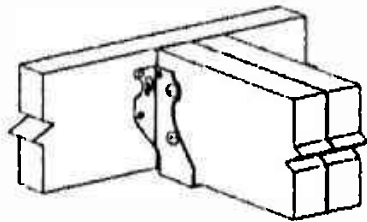
1. JUS Series Calculations prepared by T. A. Kolden, signed and sealed by T. A. Kolden PE on 04/10/2001.

D STATEMENTS

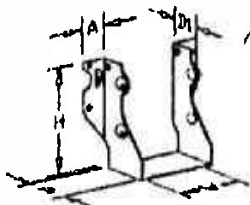
1. No Financial Interest & Code Compliance letter issued by Thomas A. Kolden, PE., signed by T.A. Kolden, PE. and notarized on 03/19/98 by M. E. Steinhouse.
2. Merger Documents issued by the State of Minnesota on 02/14/200 and signed by the Secretary of State, M. Kiffmeyer.



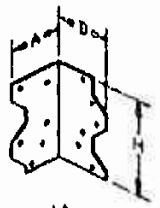
Candido Font, PE, Sr. Product Control Examiner
Product Control Division



TYPICAL JUS INSTALLATION



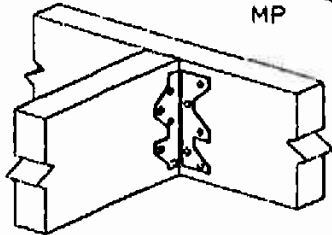
JUS



JA



MP



TYPICAL MP INSTALLATION
JA INSTALLATION SIMILAR

JUS JOIST HANGERS

PRODUCT CODE	STEEL GAUGE	DIMENSIONS (in.)					FASTENERS		ALLOWABLE LOADS (lbs.)	
		V	H	D	A	D1	HEADER	JOIST	DOWN	UPLIFT
JUS4-2	18	3 1/8	3 1/2	2	1	1	4 - 16d	2 - 16d	715	NA
JUS6-2	18	3 1/8	5 1/4	2	1	1	4 - 16d	4 - 16d	1005	1215
JUS8-2	18	3 1/8	7 1/4	2	1	1	6 - 16d	4 - 16d	1270	1215
JUS10-2	18	3 1/8	9 1/4	2	1	1	8 - 16d	6 - 16d	1775	1820
JUS12-2	18	3 1/8	11 1/4	2	1	1	10 - 16d	6 - 16d	2040	1820
JUS44	18	3 5/8	3 1/4	2	1	1	4 - 16d	2 - 16d	715	NA
JUS46	18	3 5/8	5	2	1	1	4 - 16d	4 - 16d	1005	1215
JUS48	18	3 5/8	7	2	1	1	6 - 16d	4 - 16d	1270	1215
JUS410	18	3 5/8	9	2	1	1	8 - 16d	6 - 16d	1775	1820
JUS412	18	3 5/8	11	2	1	1	10 - 16d	6 - 16d	2040	1820
JUSE4-3	18	4 5/8	2 3/4	2	1	1	4 - 16d	2 - 16d	715	NA
JUSE6-3	18	4 5/8	4 1/2	2	1	1	4 - 16d	4 - 16d	1005	1215
JUSE8-3	18	4 5/8	6 1/2	2	1	1	6 - 16d	4 - 16d	1270	1215
JUSE10-3	18	4 5/8	8 1/2	2	1	1	8 - 16d	6 - 16d	1775	1820
JUSE12-3	18	4 5/8	10 1/8	2	1	1	10 - 16d	6 - 16d	2040	1820

- 1 Minimum header thickness shall be 2 inches for 16d nails.
- 2 Specified joist nails shall be installed at 30 - 45 degrees horizontally such that they penetrate through the end of the joist and into the header.

MP & JA FRAMING ANGLE CONNECTORS

PRODUCT CODE	STEEL GAUGE	DIMENSIONS (in.)				FASTENERS		ALLOWABLE LOADS (lbs.)	
		V	H	D	A	HEADER	JOIST	DOWN	UPLIFT
JAG9	14	---	3	2 1/2	2 1/2	4 16d	4 10d x 1 1/2	265	NA
JAG5	14	---	5	2 1/2	2 1/2	6 16d	6 10d x 1 1/2	550	735
MP34	18	---	2 13/16	1 3/8	1 3/8	3 8d x 1 1/2	3 8d x 1 1/2	265	NA
MPA1	18	---	4 1/2	1 3/8	1 3/8	5 8d x 1 1/2	5 8d x 1 1/2	445	NA

- 1 Minimum header thickness shall be 2 inches for 16d nails, and 1 1/2 inches for all others specified.
- 2 Load values are for Framing Angles installed singly, and may be doubled if installed in pairs.
- 3 The joist shall be a minimum of 1 1/2 inches thick.

GENERAL NOTES

- 1) STEEL SHALL CONFORM TO ASTM A653, STRUCTURAL GRADE 33, UOM AND A MINIMUM GALVANIZED COATING OF G-60
- 2) FASTENERS ARE COMMON WIRE NAILS UNLESS OTHERWISE NOTED
- 3) ALLOWABLE UPLIFT LOADS HAVE BEEN INCREASED BY A SHORT TERM DURATION FACTOR OF 33% FOR WIND LOAD CONDITION. NO FURTHER INCREASE ALLOWED.
- 4) ALLOWABLE DOWN LOADS ARE NOT INCREASED BY SHORT TERM DURATION FACTOR
- 5) ALLOWABLE LOADS ARE BASED ON THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION 1997 EDITION, FOR DOUGLAS FIR (C= 1.50 OR BETTER) & TEST PERFORMED IN ACCORDANCE WITH ASTM D1761

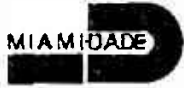
UNITED STEEL PRODUCTS CO
703 ROGERS DRIVE
MONTGOMERY MN 56069

FACE MOUNT JOIST
HANGERS AND
FRAMING ANGLES

DATE: 04/26/01
DRAWING NUMBER: JUS/MP
SHEET NUMBER: LDEJ

APPROVED AS CORRECTING DATA THE
SOUTH FLORIDA BUILDING CODE
DATE JUN 28 2001
BY: [Signature]
PRODUCT CODE: 011111
BUILDING CODE CONFERENCE OFFICE
ACCEPTANCE NO. 01-041711

[Signature]
5.24.2001
THOMAS A. KOLDEN, P.E.
CIVIL NUMBER FL#50899



**BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908**

NOTICE OF ACCEPTANCE (NOA)

United Steel Products Co.
703 Rogers Drive.
Montgomery, MN 56069

PC 02-0128.04

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ)

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BCPRC reserves the right to revoke this acceptance, if it is determined by Miami-Dade county Product Control Division that this product or material fails to meet the requirements of the applicable building code

This product is approved as described herein, and has been designed to comply with the High velocity Hurricane Zone of the Florida Building Code

DESCRIPTION: Wood Connectors UGTS Series & LUGT2

APPROVAL DOCUMENT: Drawing No. 102-2, titled UGTS SERIES (Uplift Girder Tie down Short) & LUGT2 (Light Uplift Girder Tie down), sheet 1 & 2, with revision No. 1, dated 04/16/03 & 02/07/03, prepared by United Steel Products Company signed and sealed by R. W. Lutz, PE, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance (NOA) number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: None

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 02-0128.04 and consists of this page 1, evidence page & approval document mentioned above.

The submitted documentation was reviewed by **Candido F. Font PE.**



[Signature]
10/09/03

**NOA No: 03-0219.02
Expiration Date: June 20, 2007
Approval Date: October 09, 2003
Page 1**

United Steel Products Company.

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A DRAWINGS

1. Drawings prepared by United Steel Products Company, titled "UGTS SERIES (Uplift Girder Tie down Short)& LUGT2 (Light Uplift girder Tie down)", Drawing No. 102-2, sheets No. 1 & 2, dated 04/16/03 & 02/07/03 with revision No. 1, signed and sealed by R. W. Lutz, PE.

B. TESTS

Laboratory Report	Test	Date	Engineer.
1. Stork 031205	ASTM D1761	12/30/01	J. D. Lee, PE.
2. Stork 031205	ASTM D1761	11/30/01	J. D. Lee, PE.
3. Stork 031205 Revised	ASTM D1761	04/18/02	J. D. Lee, PE.
4. Stork 301802-508833	ASTM D1761	11/19/02	J. D. Lee, PE.

C. CALCULATION

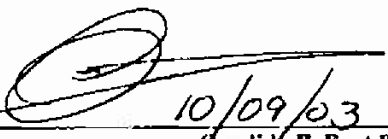
1. Calculated capacities of UGTS/USC Rafter Ties, pages 1 and 2, dated 01/15/02, prepared by R. W. Lutz, PE.
2. Calculated capacities of LUGT2 Light Uplift Girder Tie, pages 1 through 3, dated 01/16/02, prepared by R. W. Lutz, PE.
3. Calculated capacities of UGTS Series Uplift girder Ties, pages 1 through 3, dated 01/31/03 signed and sealed by R. W. Lutz, PE.

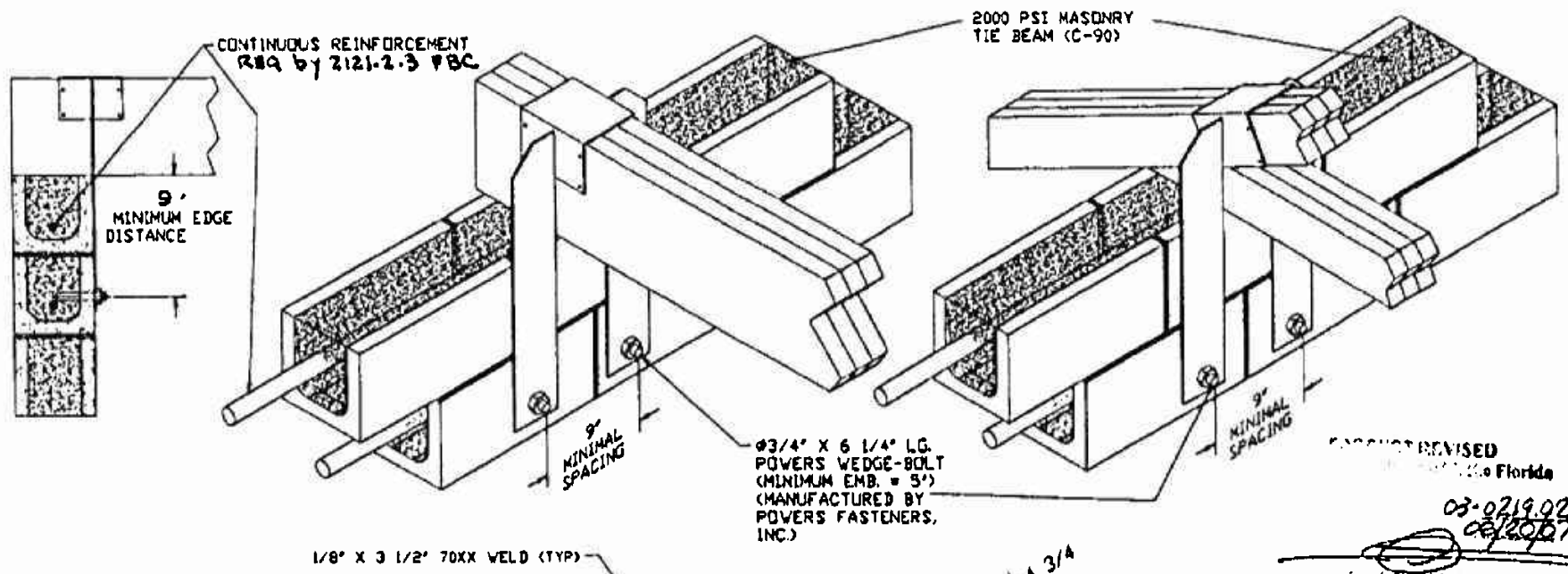
D. QUALITY ASSURANCE.

1. Miami-Dade County. Building Code Compliance Office.

E. STATEMENTS

1. No-financial interest letter issued by USP Lumber Connectors on 01/18/02 and signed by R. W. Lutz, PE.
2. No-financial interest letter issued by Twin City Testing Corporation, on 11/30/01, signed by J. D. Lee, PE and notarized by C. L. Jacobson.
3. Code compliance letter, prepared by USP Lumber Connectors on 01/18/01, signed and sealed by R. W. Lutz, PE.
4. Confirmation letter verifying capacity of 3/4 Power Wedge Anchor with 5" embedment, prepared by Power Fastener on 07/22/03 and signed by M. Ziegler.
5. Confirmation letter verifying letter of Powers Fasteners to United Steel Products, prepared by Stork Twin City Testing Corporation on 07/30/03, signed and sealed by J. D. Lee, PE.

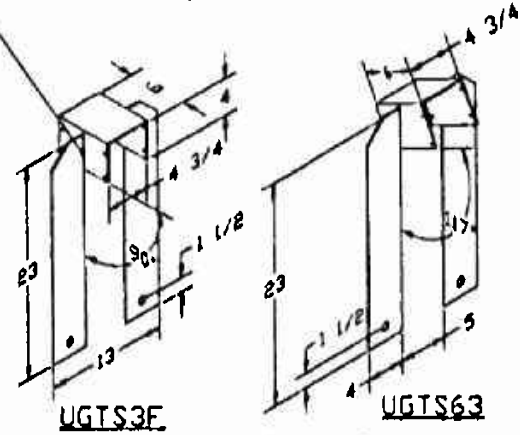

10/09/03
Candice F. Foot PE.
Sr. Product Control Examiner
NOA No 03-0219.02
Expiration Date: June 20, 2007
Approval Date: October 09, 2003



DESIGN REVISIONS
 03-0219-02
 08/2007
 Robert W. Lutz
 Professional Engineer
 Florida Reg. No. 55409

ALL UGTS PRODUCTS ARE 10 GAUGE MATERIAL.
 TRUSS/RAFTER PITCH RANGE BETWEEN 4/12 & 8/12

PRODUCT CODE	PITCH	FASTENERS SCHEDULE			ALLOWABLE LOADS UPLIFT 133%
		RAFTER/ TRUSS	CONCRETE/ MASONRY WALL	WIDTH	
UGTS3F	0/12	(8) 10d	(2) 3/4	4 3/4	6390
UGTS4F	0/12	(8) 10d	(2) 3/4	6 1/2	6390
UGTS43	4/12	(8) 10d	(2) 3/4	4 3/4	6390
UGTS44	4/12	(8) 10d	(2) 3/4	6 1/2	6390
UGTS53	5/12	(8) 10d	(2) 3/4	4 3/4	6390
UGTS54	5/12	(8) 10d	(2) 3/4	6 1/2	6390
UGTS63	6/12	(8) 10d	(2) 3/4	4 3/4	6390
UGTS64	6/12	(8) 10d	(2) 3/4	6 1/2	6390
UGTS73	7/12	(8) 10d	(2) 3/4	4 3/4	6390
UGTS74	7/12	(8) 10d	(2) 3/4	6 1/2	6390
UGTS83	8/12	(8) 10d	(2) 3/4	4 3/4	6390
UGTS84	8/12	(8) 10d	(2) 3/4	6 1/2	6390



GENERAL NOTES

- 1) STEEL SHALL CONFORM TO ASTM A653 STRUCTURAL GRADE 33, AND A MINIMUM GALVANIZED COATING OF G90.
- 2) FASTENERS ARE COMMON WIRE NAILS UNLESS OTHERWISE NOTED.
- 3) ALLOWABLE LOADS HAVE BEEN INCREASED BY A SHORT TERM DURATION FACTOR OF 33% FOR WIND LOAD CONDITION. NO FURTHER INCREASE IS ALLOWED.
- 4) ALLOWABLE LOADS ARE BASED ON THE NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION 1997 EDITION FOR SOUTHERN YELLOW PINE (G= 0.55 OR BETTER AND MOISTURE CONTENT OF 19% OR BETTER). ALL TESTS PERFORMED IN ACCORDANCE WITH ASTM D1761.

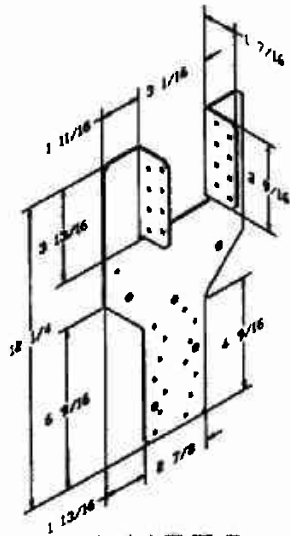
Robert W. Lutz
 10 Jun 03

UNITED STEEL PRODUCTS COMPANY
 703 ROGERS DRIVE, MONTGOMERY, AL 36109 PHONE (507) 364-7333

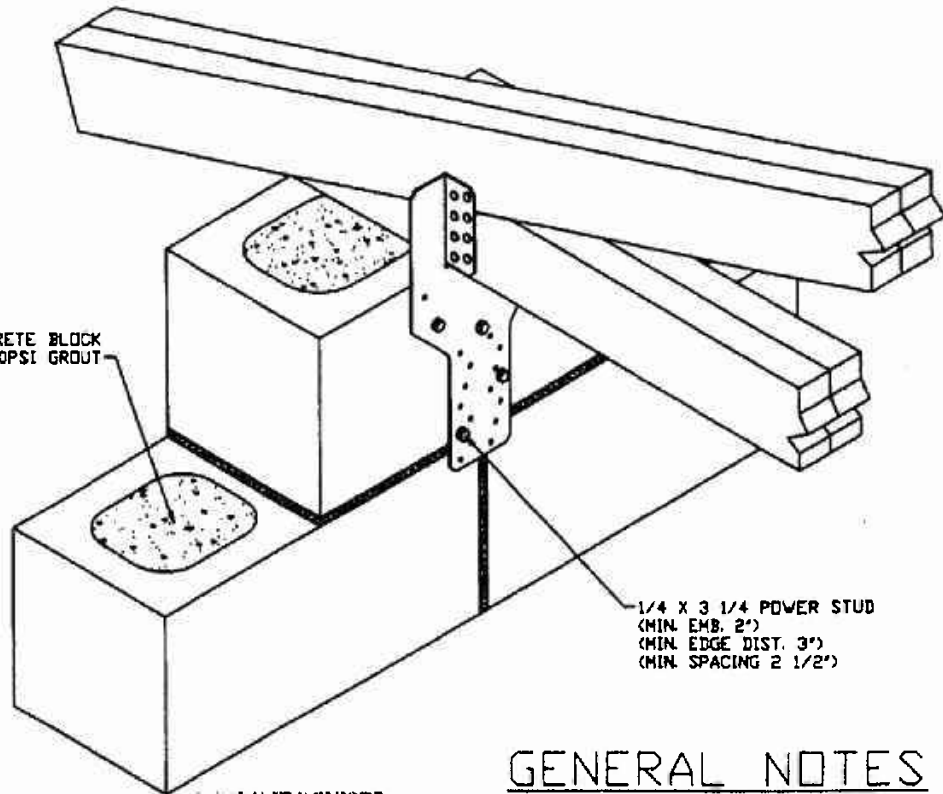
NAME: UGTS SERIES
 (UPLIFT GIRDER TIEDOWN SHORT)

DATE: 4/16/03
 ROBERT W. LUTZ
 PROFESSIONAL ENGINEER (STRUCTURAL)
 FLORIDA REG. NO. 55409

SHEET: 1 OF 2
 DRAWING NO. 102-2
 REVISION NO. 1
 MDAE



LUGT2



GROUT FILLED CONCRETE BLOCK
(CC-90) WITH 2000PSI GROUT

1/4 X 3 1/4 POWER STUD
(MIN. EMB. 2")
(MIN. EDGE DIST. 3")
(MIN. SPACING 2 1/2")

GENERAL NOTES

- 1) STEEL SHALL CONFORM TO ASTM A653 STRUCTURAL GRADE 33, AND A MINIMUM GALVANIZED COATING OF G90.
- 2) FASTENERS ARE COMMON WIRE NAILS UNLESS OTHERWISE NOTED.
- 3) ALLOWABLE LOADS ARE BASED ON THE NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION 1997 EDITION FOR SOUTHERN YELLOW PINE (G= 0.55 OR BETTER AND MOISTURE CONTENT OF 19% OR LESS) ALL TESTS PERFORMED IN ACCORDANCE WITH ASTM D1761.

DESIGNED BY
Robert W. Lutz
03-0219-02
06/29/03
United Steel Products Control
Division

PRODUCT CODE	GA	FASTENERS SCHEDULE			ALLOWABLE LOADS		
		RAFTER/TRUSS	PLATE	CONCRETE	100%		
					L1	L2	UPLIFT
LUGT2	14	(16) 10d	(2) 10d	(5) 1/4" DIA. POWER STUD	1220	460	1850

NOTES

- 1) L1 ARE LOADS APPLIED PARALLEL TO BEARING WALL
- 2) L2 ARE LOADS APPLIED PERPENDICULAR TO BEARING WALL.
- 3) ALLOWABLE LOADS FOR UPLIFT, L1 & L2 ARE NOT TO BE COMBINED.

Robert W. Lutz
10 JUN 03

UNITED STEEL PRODUCTS COMPANY

703 ROGERS DRIVE, MONTGOMERY, MN 56069 PHONE (507) 364-7333

NAME: LUGT2 (LIGHT UPLIFT GIRDER TIEDOWN)	
DATE: 2/7/03	ROBERT W. LUTZ PROFESSIONAL ENGINEER (STRUCTURAL) FLORIDA REG. NO. 55409
SHEET: 2 OF 2	DRAWING NO: 102-02
	MDAE



**BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908**

NOTICE OF ACCEPTANCE (NOA)

United Steel Products Co.
703 Rogers Drive.
Montgomery, MN 56069

Handwritten: BC666745

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BCPRC reserves the right to revoke this acceptance, if it is determined by Miami-Dade county Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Wood Connectors PAU & C Series

APPROVAL DOCUMENT: Drawing No. 100-02, titled "PAU SERIES (Post Anchors) & C SERIES (Post Caps)" sheet 1 & 2, with no revisions, dated 04/30/03, prepared by United Steel Products Company signed and sealed by R. W. Lutz, PE, bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance (NOA) number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: None

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed, and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA #02-0128.03 and consists of this page 1, evidence page & approval document mentioned above.

The submitted documentation was reviewed by **Candido F. Font PE.**



Handwritten signature and date: 9/25/03

**NOA No: 03-0508.05
Expiration Date: May 02, 2007
Approval Date: September 25, 2003
Page 1**

United Steel Products Company.

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A. DRAWINGS

1. Drawing No. 100-02, dated 04/30/03, sheets 1 & 2, with no revisions, prepared by United Steel Products Company, titled "PAU SERIES (Post Anchors) & C SERIES (Post Caps)" signed and sealed by R. W. Lutz, PE.

B. TESTS

Test reports on wood connectors per ASTM D1761, signed and sealed by C.R. Caudel, PE.

	Laboratory Report	Wood Connector	Direction	Date
1.	PTI # 01-3345	PAU 66	Up & Down	10/31/01.
2.	PTI # 01-3344	PAU 44	Up & Down	10/29/01
3.	PTI # 01-3348	C 66	Up & Perpdclr	10/08/01.
4.	PTI # 01-3347	C 46	Up & Perpdclr	10/05/01.
4.	PTI # 01-3346	C 44	Up & Perpdclr	10/02/01
5.	PTI # 02-3921	C 88	Parallel & Perpdclr	01/17/03
6.	PTI # 03-4301	C 88	Upward	04/15/03

C. CALCULATION

Calculated Capacities prepared by R. W. Lutz PE.


	Product Model	No. of Pages	Date	Signature
1.	C44, 46 & 66	1 through 5	12/20/01	R. W. Lutz, PE.
2.	PAU 44	1 through 5	12/21/01	R. W. Lutz, PE.
3.	C88	1 through 3	04/09/03	R. W. Lutz, PE

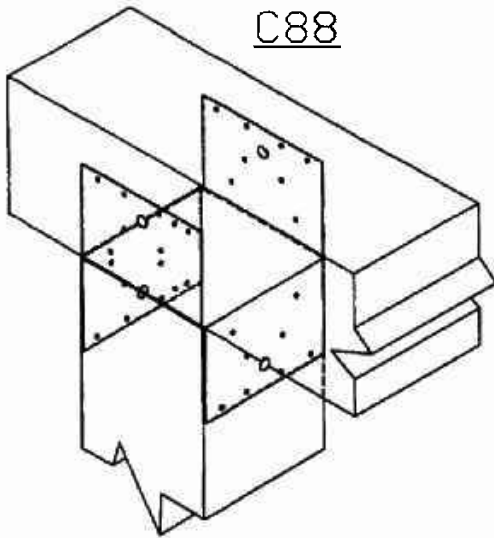
C. MATERIAL CERTIFICATIONS

N/A

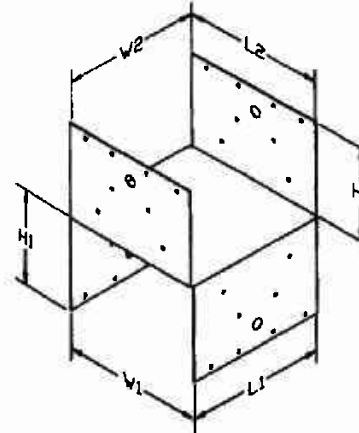
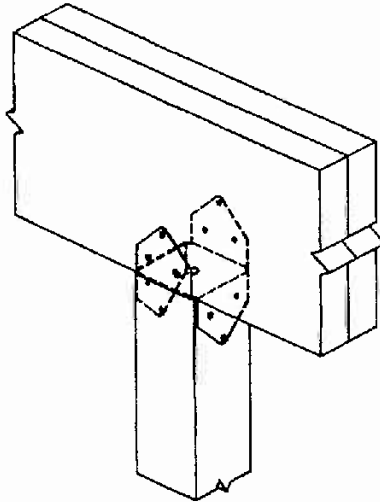
D. STATEMENTS

1. No Financial Interest letter issued by USP Lumber Connectors, dated 01/18/02 signed by R. W. Lutz, PE. and notarized by R. Radabaugh
2. Code Compliance letters issued by USP Lumber Connectors, dated 01/18/02 & 04/30/03 signed and sealed by R. W. Lutz, PE.
3. No Financial Interest letter issued by UPS Lumber Connectors, dated 04/30/03, signed by R. W. Lutz, PE and notarized by G. P. Gunkel.
- 4.


9/25/03
Candido F. Font PE.
Sr. Product Control Examiner
NOA No 03-0508.05
Expiration Date: May 02, 2007
Approval Date: September 25, 2003

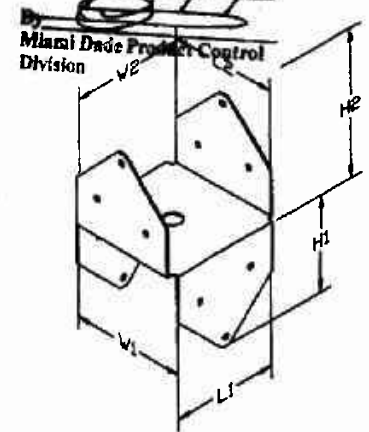


C88



C88

PRODUCT REVISED
 In accordance with the Florida
 State Building Code
 Approved by 03-0508-05
 03/02/03



C POST CAP SERIES
 18 GAUGE GALVANIZED (TYP)

PRODUCT CODE	DESCRIPTION	DIMENSIONS						FASTENER SCHEDULE		ALLOWABLE LOADS (lbs.) (133%)		
		W1	W2	H1	H2	L1	L2	POST	BEAM	F1	F2	UPLIFT
C44	4 x 4 POST CAP	3-9/16	3-9/16	2-7/8	2-7/8	3-1/4	3-1/4	(6) 16d	(6) 16d	860	860	820
C46	4 x 6 POST CAP	3-9/16	5-1/2	2-7/8	2-7/8	5-3/8	3-1/4	(10) 16d	(6) 16d	950	950	745
C66	6 x 6 POST CAP	5-1/2	5-1/2	2-7/8	2-7/8	5-1/4	5-1/4	(10) 16d	(10) 16d	1690	1690	870
C88	8 x 8 POST CAP	7 1/2	7 1/2	5	5	7 3/8	7 3/8	(16) 16d	(16) 16d	2390	3070	1125

GENERAL NOTES

- 1) STEEL SHALL CONFORM TO ASTM A653 STRUCTURAL GRADE 33, AND A MINIMUM GALVANIZED COATING OF G90.
- 2) FASTENERS ARE COMMON WIRE NAILS UNLESS OTHERWISE NOTED.
- 3) ALLOWABLE UPLIFT LOADS HAVE BEEN INCREASED BY A SHORT TERM DURATION FACTOR OF 33% FOR WIND LOAD CONDITION. NO FURTHER INCREASE IS ALLOWED.
- 4) ALLOWABLE LOADS ARE BASED ON THE NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION 1997 EDITION FOR SOUTHERN YELLOW PINE (G= 0.55 OR BETTER & MOISTURE CONTENT OF 19% OR LESS. ALL TESTS PERFORMED IN ACCORDANCE WITH ASTM A1761.
- 5) PENETRATION ASSUMED TO BE 2" INTO WOOD.
- 6) F1 LOADS PARALLEL TO WALL.
- 7) F2 LOADS PERPENDICULAR TO WALL.
- 8) ALLOWABLE LOADS FOR UPLIFT, F1 & F2 ARE NOT TO BE COMBINED.

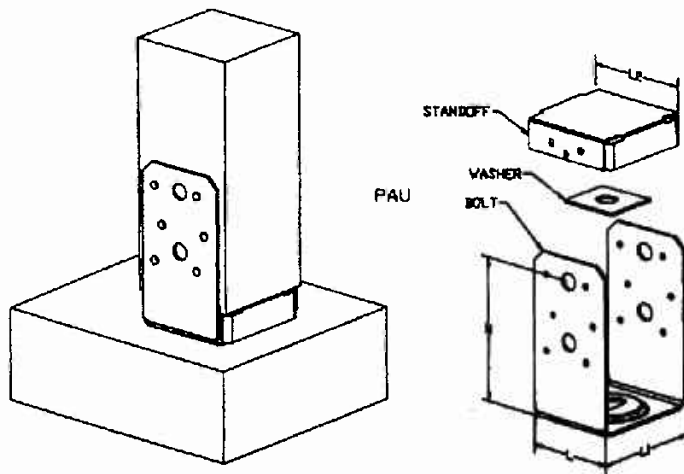
Robert W. Lutz
 30 Apr 03

UNITED STEEL PRODUCTS COMPANY
 703 ROGERS DRIVE, MONTGOMERY, MN. 56069 PHONE (507) 364-7333

NAME: C SERIES
 (POST CAPS)

DATE: 4/30/03
 ROBERT W. LUTZ
 PROFESSIONAL ENGINEER (STRUCTURAL)
 FLORIDA REG. NO. 55409

SHEET: 2 OF 2
 DRAWING NO: 100-02
 MDADE



PROJECT REVIEWED
 By: *[Signature]*
 03-0506.05
 03/24/03
 Division: **Michael Dado Product Control Division**

GENERAL NOTES

- 1) STEEL SHALL CONFORM TO ASTM A653 STRUCTURAL GRADE 33, AND A MINIMUM GALVANIZED COATING OF G90.
- 2) FASTENERS ARE COMMON WIRE NAILS UNLESS OTHERWISE NOTED.
- 3) ALLOWABLE UPLIFT LOADS HAVE BEEN INCREASED BY A SHORT TERM DURATION FACTOR OF 33% FOR WIND LOAD CONDITION. NO FURTHER INCREASE IS ALLOWED.
- 4) ALLOWABLE DOWN LOADS ARE NOT INCREASED BY SHORT TERM DURATION FACTOR.
- 5) ALLOWABLE LOADS ARE BASED ON THE NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION 1997 EDITION FOR SOUTHERN YELLOW PINE (G= 0.55 OR BETTER AND MOISTURE CONTENT OF 19% OR LESS). ALL TESTS PERFORMED IN ACCORDANCE WITH ASTM D1761.
- 6) PENETRATION IS ASSUMED TO BE 2" INTO WOOD.

PAU POST ANCHOR W/ BOLT SERIES
 16 OR 12 GAUGE STAND-OFF
 10 GAUGE SUPPORT COVER
 10 GAUGE WASHER

PRODUCT CODE	POST/COLUMN SIZE	DIMENSIONS				FASTENER SCHEDULE			ALLOWABLE LOADS (Lbs.)		
		L1	L2	H	L	ANCHOR BOLT	POST		BEARING	UPLIFT (133%)	
							NAILS	BOLTS	100%	NAILS	BOLTS
PAU44	4 x 4	3-9/16	3	5-7/16	3	(1) 5/8	(12) 16d	(2) 1/2	6885	1825	1825
PAU66	6 x 6	5-9/16	5	2-7/8	2-7/8	(1) 5/8	(12) 16d	(2) 1/2	14,300	2425	2425

Robert W. Lutz
 30 Apr 03

UNITED STEEL PRODUCTS COMPANY
 703 ROGERS DRIVE, MONTGOMERY, MN. 56069 PHONE (507) 364-7333

NAME: PAU SERIES
 (POST ANCHOR)

DATE: 4/30/03
 ROBERT W. LUTZ
 PROFESSIONAL ENGINEER (STRUCTURAL)
 FLORIDA REG. NO. 55409

SHEET: 1 OF 2
 DRAWING NO: 100-02
 MDADE



CITY OF MIAMI BEACH
BUILDING DEPARTMENT
1700 CONVENTION CENTER DRIVE
2ND FLOOR - CITY HALL
MIAMI BEACH, FL 33139

**NOTICE TO THE CITY OF MIAMI BEACH BUILDING
DEPARTMENT OF EMPLOYMENT AS SPECIAL INSPECTOR
UNDER THE FLORIDA BUILDING CODE**

I, (we) have been retained by: Thomas Weber to perform special inspector services under the Florida Building Code at the 5800 N. Bay Road project on the below listed structures as of _____ (date). I am a professional engineer licensed in the State of Florida.

Process Number: B0600445 Master Permit (IF APPLICABLE): _____

- Special Inspector for Pilings, FBC 1822.1.20
- Special Inspector for Soil Compaction, FBC 1820.3.1
- Special Inspector for Precast Attachments, FBC 1927.12.2 (By P.E. or R.A..)
- Special Inspector for Reinforced Masonry, FBC 2122.4
- Special inspection for Steel Bolted & Welded Connections, FBC 2218.2 (By P.E. or R.A..)
- Special Inspector for Trusses over 35 feet long or 6 feet high, FBC 2319.17.2.4.2 (By P.E. or R. A..)
- Special Inspector for _____

NOTE: Only the marked boxes apply.

The following individual's) employed by this firm or me are authorized representatives to perform inspections*

- | | |
|--------------------------------|----------|
| 1. <u>Wissam Naamani, P.E.</u> | 2. _____ |
| 3. _____ | 4. _____ |

***NOTE: FBC 2001 HVZ sections 1927.12.2, 2218.2, 2319.17.4.2 requires either a Registered professional Engineer or Registered Architect to perform the actual inspections.**

I, (we) will notify the City of Miami Beach Building Department of any changes regarding authorized personnel performing inspection services.

I, (we) understand that a Special Inspection Log for each building must be displayed in a convenient location on the site for reference by the City of Miami Beach Building Department Inspector. All mandatory inspections, as required of the Florida Building Code, inspection performed by the Special Inspector hired by the Owner are in addition to the mandatory inspections performed by the Building Department. Further, upon completion of the work under each building permit, I will submit to the Building Inspector at the time of final inspection the completed Inspection Log form and sealed statement that, to the best of my knowledge, belief and professional judgment those portions outlined above meet the intent of the Florida Building Code and are in subsequent accordance with the approved plans.

Architect/Engineer Signature: <u>Wissam Naamani</u> 1-24-06	_____
Architect/Engineer Name Printed: <u>Wissam Naamani, P.E.</u>	_____
Address: <u>750 W. 84 Street, Hialeah, FL 33014</u>	_____
Phone Number: <u>(305) 828-7499</u>	_____
Owner/Agent Signature: <u>[Signature]</u>	_____
Owner/Agent Name Printed: <u>[Name]</u>	_____
Building Department	<u>[Signature]</u> 2/3/08

Signed and Sealed
39584
License Number



CITY OF MIAMI BEACH
BUILDING DEPARTMENT
1700 CONVENTION CENTER DRIVE
2ND FLOOR - CITY HALL
MIAMI BEACH, FL 33139

**NOTICE TO THE CITY OF MIAMI BEACH BUILDING
DEPARTMENT OF EMPLOYMENT AS SPECIAL INSPECTOR
UNDER THE FLORIDA BUILDING CODE**

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B0600445

Master Permit (IF APPLICABLE): _____

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- Special Inspector for Trusses over 35 feet long or 6 feet high, FBC 2319.17.2.4.2 (By P.E. or R. A..)
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NOTE: Only the marked boxes apply.

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|--------------------------------|----------|
| 1. <u>Wissam Naamani, P.E.</u> | 2. _____ |
| 3. _____ | 4. _____ |

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Architect/Engineer Signature:

Wissam Naamani 1-24-06

Architect/Engineer Name Printed:

Wissam Naamani, P.E.

Address:

750 W. 84 Street, Hialeah, FL 33014

Phone Number:

(305) 828-7499

Owner/Agent Signature:

T. Weber

Owner/Agent Name Printed:

T. WEBER

Building Department

1/24/06

Wissam Naamani 1-24-06

Signed and Sealed

39584

License Number



**CITY OF MIAMI BEACH
BUILDING DEPARTMENT
1700 CONVENTION CENTER DRIVE
2ND FLOOR - CITY HALL
MIAMI BEACH, FL 33139**

**NOTICE TO THE CITY OF MIAMI BEACH BUILDING
DEPARTMENT OF EMPLOYMENT AS SPECIAL INSPECTOR
UNDER THE FLORIDA BUILDING CODE**

I, (we) have been retained by: Handcraft Const. Co. to perform special inspector services under the Florida Building Code at the 5800 N. Bay Road project on the below listed structures as of 1/13/06 (date). I am a professional engineer licensed in the State of Florida.

Process Number: B0600445 Master Permit (IF APPLICABLE): _____

- Special Inspector for Pilings, FBC 1822.1.20
- Special Inspector for Soil Compaction, FBC 1820.3.1
- Special Inspector for Precast Attachments, FBC 1927.12.2 (By P.E. or R.A..)
- Special Inspector for Reinforced Masonry, FBC 2122.4
- Special inspection for Steel Bolted & Welded Connections, FBC 2218.2 (By P.E. or R.A..)
- Special Inspector for Trusses over 35 feet long or 6 feet high, FBC 2319.17.2.4.2 (By P.E. or R. A..)
- Special Inspector for _____

NOTE: Only the marked boxes apply.

The following individual's employed by this firm or me are authorized representatives to perform inspections*

- | | |
|----------------------------|---------------------------------|
| 1. <u>M.S. Khan, P.E.</u> | 2. <u>Julio Torres, E.I.</u> |
| 3. <u>Leo Dumond, P.E.</u> | 4. <u>Neville Chinnon, S.I.</u> |

***NOTE: FBC 2001 HVZ sections 1927.12.2, 2218.2, 2319.17.4.2 requires either a Registered professional Engineer or Registered Architect to perform the actual inspections.**

I, (we) will notify the City of Miami Beach Building Department of any changes regarding authorized personnel performing inspection services.

I, (we) understand that a Special Inspection Log for each building must be displayed in a convenient location on the site for reference by the City of Miami Beach Building Department Inspector. All mandatory inspections, as required of the Florida Building Code, Inspection performed by the Special inspector hired by the Owner are in addition to the mandatory inspections performed by the Building Department. Further, upon completion of the work under each building permit, I will submit to the Building Inspector at the time of final inspection the completed Inspection Log form and sealed statement that, to the best of my knowledge, belief and professional judgment those portions outlined above meet the intent of the Florida Building Code and are in subsequent accordance with the approved plans.

Architect/Engineer Signature: _____

Architect/Engineer Name Printed: _____

Address: _____

Phone Number: _____

Owner/Agent Signature: _____

Owner/Agent Name Printed: _____

Building Department Accepted By: _____

Taimur A. Khan
7400 SW 50th Terr. #105
305 - 662 - 2301

MARK JOSEPH GAINOR
Pre 2/3/06

 Signed and Sealed

FL PE 60994
 License Number

Date: 1/23/06



**CITY OF MIAMI BEACH
BUILDING DEPARTMENT
1700 CONVENTION CENTER DRIVE
2ND FLOOR - CITY HALL
MIAMI BEACH, FL 33139**

**NOTICE TO THE CITY OF MIAMI BEACH BUILDING
DEPARTMENT OF EMPLOYMENT AS SPECIAL INSPECTOR
UNDER THE FLORIDA BUILDING CODE**

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- Special Inspector for Trusses over 35 feet long or 6 feet high, FBC 2319.17.2.4.2 (By P.E. or R. A..)
- Special Inspector for _____

NOTE: Only the marked boxes apply.


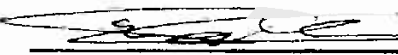

The following individual(s) employed by this firm or me are authorized representatives to perform inspections*

- | | |
|----------------------------|---------------------------------|
| 1. <u>M.S. Khan, P.E.</u> | 2. <u>Julio Torres, E.I.</u> |
| 3. <u>Leo Dumond, P.E.</u> | 4. <u>Neville Chinnor, S.I.</u> |

***NOTE: FBC 2001 HVZ sections 1927.12.2, 2218.2, 2319.17.4.2 requires either a Registered professional Engineer or Registered Architect to perform the actual inspections.**

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 Signed and Sealed <u>FL PE 60994</u> License Number Date: <u>1/23/06</u>	Architect/Engineer Signature:  Architect/Engineer Name Printed: <u>Taimur A. Khan</u> Address: <u>7400 SW 50th Terr #105</u> Phone Number: <u>305-662-2301</u> Owner/Agent Signature:  Owner/Agent Name Printed: <u>MARK JOSEPH GAINOR</u> Building Department Accepted By: <u>Green 2/3/06</u>
--	---



**CITY OF MIAMI BEACH
BUILDING DEPARTMENT
1700 CONVENTION CENTER DRIVE
2ND FLOOR - CITY HALL
MIAMI BEACH, FL 33139**

**NOTICE TO THE CITY OF MIAMI BEACH BUILDING
DEPARTMENT OF EMPLOYMENT AS SPECIAL INSPECTOR
UNDER THE FLORIDA BUILDING CODE**

I, (we) have been retained by: _____ to perform special inspector services under the Florida Building Code at the _____ project on the below listed structures as of _____ (date). I am a professional engineer licensed in the State of Florida.

Process Number: _____

Master Permit (IF APPLICABLE): _____

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- Special Inspector for Trusses over 35 feet long or 6 feet high, FBC 2319.17.2.4.2 (By P.E. or R. A.)
- Special Inspector for _____

*HAVE NOT BEEN PROVIDED
BECAUSE THEY HAVE BEEN
ELIMINATED FROM
PROJECT -
SEE A2.1 ★*

NOTE: Only the marked boxes apply.

The following individual's) employed by this firm or me are authorized representatives to perform inspections*

- | | |
|----------|----------|
| 1. _____ | 2. _____ |
| 3. _____ | 4. _____ |

***NOTE: FBC 2001 HVZ sections 1927.12.2, 2218.2, 2319.17.4.2 requires either a Registered professional Engineer or Registered Architect to perform the actual inspections.**

I, (we) will notify the City of Miami Beach Building Department of any changes regarding authorized personnel performing inspection services.

I, (we) understand that a Special Inspection Log for each building must be displayed in a convenient location on the site for reference by the City of Miami Beach Building Department Inspector. All mandatory inspections, as required of the Florida Building Code, Inspection performed by the Special inspector hired by the Owner are in addition to the mandatory inspections performed by the Building Department. Further, upon completion of the work under each building permit, I will submit to the Building Inspector at the time of final inspection the completed Inspection Log form and sealed statement that, to the best of my knowledge, belief and professional judgment those portions outlined above meet the intent of the Florida Building Code and are in subsequent accordance with the approved plans.

Architect/Engineer Signature: _____

Architect/Engineer

Name Printed: _____

Address: _____

Phone Number: _____

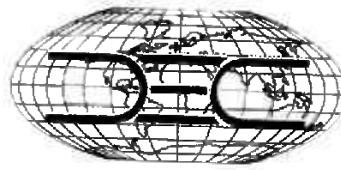
Signed and Sealed

Owner/Agent Signature: _____

License Number _____

Owner/Agent Name Printed: _____

Building Department _____



DYNATECH ENGINEERING CORP.

Miami, April 5, 2005

Mr. Thomas F. Weber
THOMAS WEBER INC.
KEY EXECUTIVE BUILDING
104th Crandon Boulevard
Key Biscayne, FL 33149

Re: Gainor Residence @
5800 North Bay Road
Miami Beach, FL

Dear Mr. Weber:

Pursuant to your request; DYNATECH ENGINEERING CORP., D.E.C. completed a Preliminary Subsoil Investigation on April 5, 2005 at the above referenced project. The purpose of our investigation was to verify subsoil conditions relative to foundation design of the proposed additions.

A total of (2) standard penetration boring tests were performed according to ASTM-D 1586 down to an average depth of 35' below existing ground surface.

The following graph was developed as a general condition for the subject site: (Refer to field boring logs for exact locations and soil description):

Depth		Description
From	To	
0'- 0"	1'- 0"	Topsoil and grass
1'- 0"	4'- 0"	Silty beach sand
4'-0"	5'-0"	Peat
5'-0"	15'-0"	Gray silty beach sand
15'-0"	18'-0"	Tan medium sand with rock fragment
18'-0"	35'-0"	Tan sandy lime rock

Groundwater table elevation was measured immediately at the completion of each boring and was found at an average depth of 5' below existing ground surface. Fluctuation in water level should be anticipated due to seasonal variations and run off as well as varying ground elevations construction dewatering pumping activities in the area.

Based on our understanding of the proposed structure and our field boring logs; it is evident that the deep foundation system are needed to support the proposed addition without detrimental settlement to the structure.

Deep foundation systems shall consist of one of the following alternatives:

Alternatives Pile Foundation	Approximate Pile Depth	Size	Pile Capacity in Tons Compression	Pile Capacity in Tons Tension	Allowable Lateral Capacity in Tons
Pin Piles	To Refusal	3 Inch	5 Tons	2 Tons	1 Ton
Pin Piles	To Refusal	4 Inch	8 Tons	3 Tons	1 Ton
Type A of B Helical Piles	25' BLS	4 Inch	10 Tons	2 Tons	1 Ton
Auger Cast Piles	25' BLS	12 Inch	25 Tons	7 Tons	2 Tons
Auger Cast Piles	25' BLS	14 Inch	35 Tons	10 Tons	4 Tons
Precast Concrete Piles	25' BLS	10"x 10"	17 Tons	5 Tons	1 Tons
Precast Concrete Piles	25' BLS	12"x 12"	25 Tons	7 Tons	2 Tons
Precast Concrete Piles	25' BLS	14"x 14"	35 Tons	10 Tons	4 Tons

BLS: Below Existing Land Surface

Estimated Lateral Load for a pile Top Deflection of ¼ inch. The proposed pile length is based on the existing ground elevation at the time of drilling. Pile length may vary depending on proposed grade beam elevation and soil profile.

In the case of the Pin, Helical, or Precast piles a minimum of 4 piles shall be driven to determine production pile length. All work shall be performed in accordance with the applicable building code.

In case of existing structures in the vicinity of the pile driving operation, care shall be taken not to create excessive vibration. Vibration levels shall be monitored to verify compliance with county regulations. Steps must be taken to prevent excessive vibrations. The minimum center to center of piles or adjacent foundations shall be not less than twice the average diameter for round piles or 1 – ¾ times the diagonal dimensions of rectangular piles, but in no case less than 30 inches.

Page No. 3
5800 North Bay Road, Miami Beach, FL

Regardless of the thoroughness of a geotechnical exploration there is always the possibility that conditions may be different from those of the test locations; therefore, DYNATECH ENGINEERING CORP., does not guarantee any subsoil conditions between the bore test holes. The data from the soil boring is for foundation analysis only. It is not to be used for excavating or back filling estimates. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval. The discovery of any site or subsurface conditions during construction which deviate from the information obtained from our subsoil investigation is always likely and should be reported to us for our evaluation.

It has been a pleasure working with you and look forward to do so in the near future. Please feel free to contact us if we may be of further service to you.

Sincerely yours,



Wissam Naamani, P.E.
DYNATECH ENGINEERING CORP.
Florida Reg. No. 39584
Special Inspector No. 757
WN/sk

DYNATECH

ENGINEERING CORP.

750 WEST 84TH STREET
 HIALEAH, FL 33014
 (305) 828-7499

TEST BORING REPORT

CLIENT : Thomas Weber, Inc.
 PROJECT : Gainor Residence @
 ADDRESS : 5800 North Bay Road, Miami Beach, FL.
 LOCATION : See attached plan

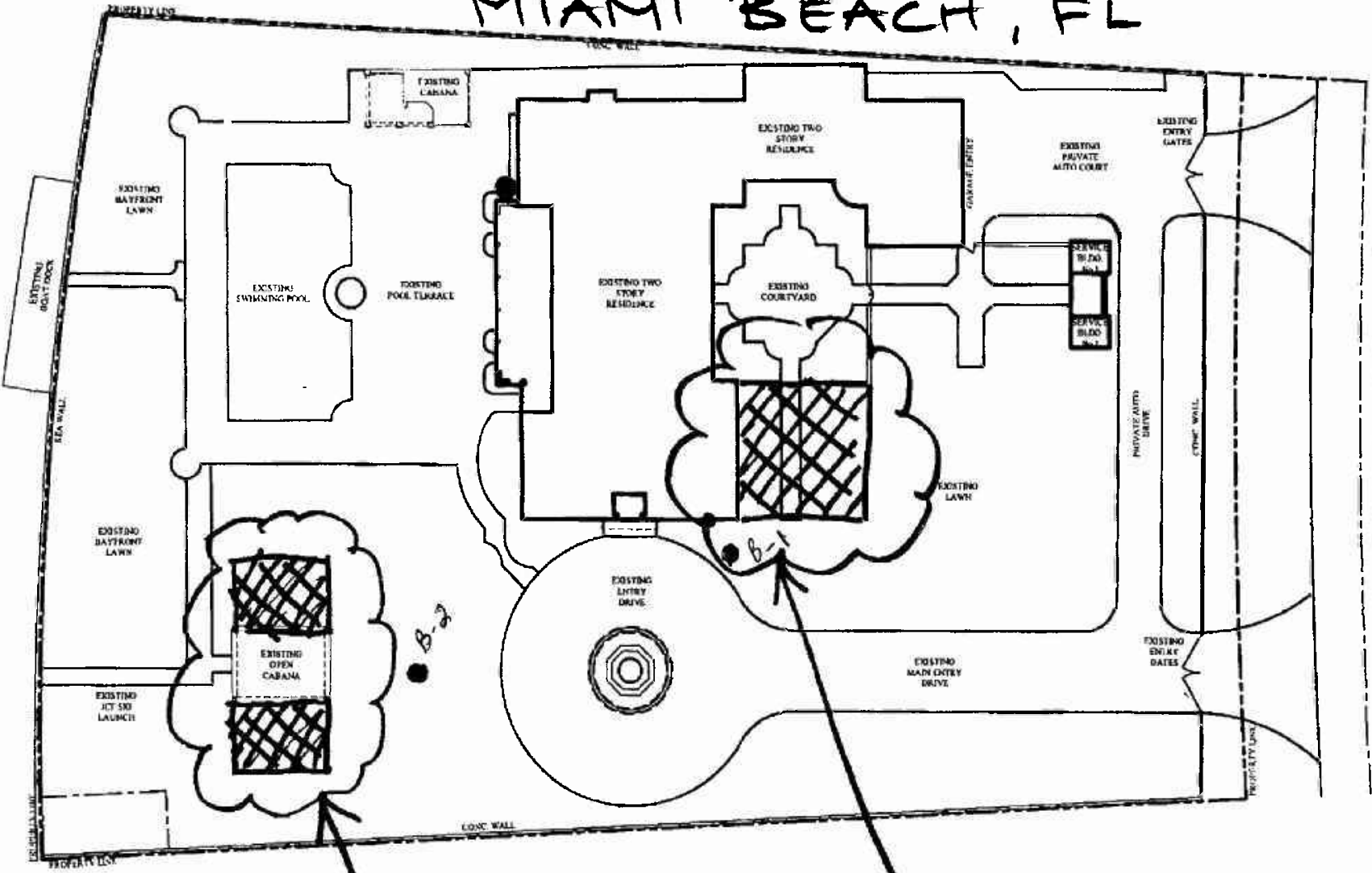
DATE: 04-04-05
 HOLE NO.: B-2
 DRILLER: ASLD

DEPTH	DESCRIPTION OF MATERIALS	SAMPLE NO.	HAMMER BLOWS ON SAMPLER	"N"
<u>1</u>		2	Hand	H
<u>2</u>				
<u>3</u>	+0'-0" to 1'-0"	4	Hand	H
<u>4</u>				
<u>5</u>		6	1 2	4
<u>6</u>	1'-0" to 2'-0"		2 1	
<u>7</u>		8	1 1	2
<u>8</u>	2'-0" to 4'-0"		1 1	
<u>9</u>		10	2 2	3
<u>10</u>	4'-0" to 5'-0"		1 1	
<u>11</u>		12	2 2	3
<u>12</u>	5'-0" to 15'-0"		1 1	
<u>13</u>		14	1 1	2
<u>14</u>			1 2	
<u>15</u>		16	A	A
<u>16</u>	15'-0" to 18'-0"			
<u>17</u>		18	A	A
<u>18</u>	18'-0" to 35'-0"			
<u>19</u>		20	A	A
<u>20</u>				
<u>21</u>		22	20 23	47
<u>22</u>			24 23	
<u>23</u>		24	A	A
<u>24</u>				
<u>25</u>		26	A	A
<u>26</u>				
<u>27</u>		28	A	A
<u>28</u>				
<u>29</u>		30	24 25	52
<u>30</u>			27 24	
<u>31</u>		32	A	A
<u>32</u>				
<u>33</u>		34	A	A
<u>34</u>				
<u>35</u>		36	A	A
<u>36</u>				
<u>37</u>		38		
<u>38</u>				

Water Level: 5' Below Surface As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statement conclusions or extracts from or regarding our reports is reserved pending on our written approval

GAINOR RESIDENCE
 5800 N. BAY ROAD
 MIAMI BEACH, FL

BISCAYNE BAY



OFFICE BLDG
 ADDITION
 (EXISTING CABANA TO BE
 DEMOLISHED)

TWO STORY
 HOME
 ADDITION

APPENDIX

GENERAL NOTES

Soil borings on unmarked vacant property should be considered preliminary with further boring (s) to be drilled after building pad (s) are staked out.

Soil borings on existing structures that are to be demolished should be considered preliminary and additional borings would need to be performed after the structures has been demolished and the proposed new building staked out.

As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.

KEY CLASSIFICATION & SYMBOLS

<u>Correlation of Penetration Resistance With Relative Density and Consistency</u>			<u>Particle Size</u>		
	<u>Cone Penetration Tests kg/cm²</u>	<u>Standard Penetration blows/ft</u>	<u>Relative Density</u>		
				Boulders	> 12 in.
				Cobble	3 to 1 in.
				Gravel	4.76 mm to 3 in.
				Sand	0.07 mm to 4.76 mm
				Silt	0.005 mm to 0.074 mm
				Clay	< 0.005 mm
				<u>Modifiers</u>	
Sands	0 - 16	0 - 4	Very loose	5% - 10%	Slightly silty or Clayey
	17 - 40	5- 10	Loose	10% - 30%	Silty or Clayey
	41 - 80	11- 20	Firm	30% - 50%	Very silty or Very Clayey
	81 - 120	21 - 30	Very firm	0 - 5%	Slightly Trace
	Over 120	31 - 50	Dense	6 - 10%	Trace
				11 - 20%	Little
				21 - 35%	Some
				> 35% And	
Silts & Clays	0 - 3	0 - 2	Very loose		
	4 - 9	3 - 4	Soft		
	10- 7	5 - 8	Firm		
	18 - 31	9 - 15	Stiff		
	32 - 60	16- 30	Very Stiff		
	Over 60	31 - 50	Hard		

Rock Hardness Description

Soft	Rock core crumbles when handled.
Medium	Can break core with your hands.
Moderate Hard	Thin edges or rock core can be broken with fingers.
Hard	Thin edges of rock core cannot be broken with fingers.
Very Hard	Rock core rings when struck with a hammer (cherts)

PROCESS #
FOLIO #
C.O.R. 3.82'

FEDERAL EMERGENCY MANAGEMENT AGENCY
NATIONAL FLOOD INSURANCE PROGRAM

O.M.B. No. 3067-0077
Expires December 31, 2005

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1 - 7.

SECTION A - PROPERTY OWNER INFORMATION		For Insurance Company Use
BUILDING OWNER'S NAME		Policy Number
BUILDING STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO. 5800 NORTH BAY ROAD		Company NAIC Number
CITY MIAMI BEACH	STATE FLORIDA	ZIP CODE 33140
PROPERTY DESCRIPTION (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)		
BUILDING USE (e.g., Residential, Non-residential, Addition, Accessory, etc. Use a Comments area, if necessary.) RESIDENTIAL		
LATITUDE/LONGITUDE (OPTIONAL) (###° - ###' - ###" or ###.#####)		
HORIZONTAL DATUM: SOURCE: <input type="checkbox"/> GPS (Type): <input type="checkbox"/> USGS Quad Map <input type="checkbox"/> Other		
<input type="checkbox"/> NAD 1927 <input type="checkbox"/> NAD 1983		

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP COMMUNITY NAME & COMMUNITY NUMBER MIAMI BEACH - 120651		B2. COUNTY NAME MIAMI-DADE		B3. STATE FLORIDA	
B4. MAP AND PANEL NUMBER 12025C0182	B5. SUFFIX J	B6. FIRM INDEX DATE 07-17-95	B7. FIRM PANEL EFFECTIVE/REVISED DATE 03-02-94	B8. FLOOD ZONE(S) AE	B9. BASE FLOOD ELEVATION(S) (Zone AO, use depth of flooding) 8'

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in B9.

FIS Profile FIRM Community Determined Other (Describe):

B11. Indicate the elevation datum used for the BFE in B9: NGVD 1929 NAVD 1988 Other (Describe):

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? Yes No
Designation Date:

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: Construction Drawings* Building Under Construction* Finished Construction
*A new Elevation Certificate will be required when construction of the building is complete.

C2. Building Diagram Number 1 (Select the building diagram most similar to the building for which this certificate is being completed - see pages 6 and 7. If no diagram accurately represents the building, provide a sketch or photograph.)

C3. Elevations - Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO
Complete items C3.a-l below according to the building diagram specified in item C2. State the datum used. If the datum is different from the datum used for the BFE in Section B, convert the datum to that used for the BFE. Show field measurements and datum conversion calculation. Use the space provided or the Comments area of Section D or Section G, as appropriate, to document the datum conversion.
Datum NGVD29 Conversion/Comments

Elevation reference mark used SEE BACK Does the elevation reference mark used appear on the FIRM? Yes No

<input type="checkbox"/> a) Top of bottom floor (including basement or enclosure)	<u>5.4</u> ft.(m)	License Number, Embossed Seal, Signature, and Date
<input type="checkbox"/> b) Top of next higher floor	<u>16.9</u> ft.(m)	
<input type="checkbox"/> c) Bottom of lowest horizontal structural member (V zones only)	<u>N/A</u> ft.(m)	
<input type="checkbox"/> d) Attached garage (top of slab)	<u>4.8</u> ft.(m)	
<input type="checkbox"/> e) Lowest elevation of machinery and/or equipment servicing the building (Describe in a Comments area.) <u>A/C</u>	<u>4.9</u> ft.(m)	
<input type="checkbox"/> f) Lowest adjacent (finished) grade (LAG)	<u>4.5</u> ft.(m)	
<input type="checkbox"/> g) Highest adjacent (finished) grade (HAG)	<u>4.9</u> ft.(m)	
<input type="checkbox"/> h) No. of permanent openings (flood vents) within 1 ft. above adjacent grade <u>N/A</u>		
<input type="checkbox"/> i) Total area of all permanent openings (flood vents) in C3.h <u>N/A</u> sq. in. (sq. cm)		

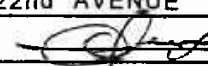
DATE: 05-06-05
LICENSE No.: 5184

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information.

I certify that the information in Sections A, B, and C on this certificate represents my best efforts to interpret the data available.

I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.

CERTIFIER'S NAME ANTONIO FIORE		LICENSE NUMBER 5184	
TITLE PROFESSIONAL SURVEYOR AND MAPPER	COMPANY NAME A. FIORE AND ASSOCIATES, INC.	STATE FLORIDA	ZIP CODE 33184
ADDRESS 921 S.W. 122nd AVENUE	CITY MIAMI	STATE FLORIDA	ZIP CODE 33184
SIGNATURE 	DATE 05-06-05	TELEPHONE 305-221-3040	

IMPORTANT: In these spaces, copy the corresponding information from Section A.			For Insurance Company Use
BUILDING STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO. 5800 NORTH BAY ROAD			Policy Number
QTY MIAMI BEACH	STATE FLORIDA	ZIP CODE 33140	Company NAIC Number

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)

Copy both sides of this Elevation Certificate for (1) community official, (2) insurance agent/company, and (3) building owner.

COMMENTS

MIAMI-DADE COUNTY BENCHMARK No.A-33

LOCATOR No.3222NE; ELEVATION=8.19'

| | Check here if attachments

SECTION E - BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zone AO and Zone A (without BFE), complete items E1. through E5. If the Elevation Certificate is intended for use as supporting information for a LOMA or LOMR-F, Section C must be completed.

- E1. Building Diagram Number _____ (Select the building diagram most similar to the building for which this certificate is being completed – see pages 6 and 7. If no diagram accurately represents the building, provide a sketch or photograph.)
- E2. The top of the bottom floor (including basement or enclosure) of the building is _____ ft. (m) _____ in. (cm) _____ above or _____ below (check one) the highest adjacent grade. (Use natural grade, if available.)
- E3. For Building Diagrams 6-8 with openings (see page 7), the next higher floor or elevated floor (elevation b) of the building is _____ ft. (m) _____ in. (cm) above the highest adjacent grade. Complete items C3.h and C3.i on front of form.
- E4. The top of the platform of machinery and/or equipment servicing the building is _____ ft. (m) _____ in. (cm) _____ above or _____ below (check one) the highest adjacent grade. (Use natural grade, if available.)
- E5. For Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? | | Yes | | No | | Unknown. The local official must certify this information in Section G.

SECTION F - PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATIONThe property owner or owner's authorized representative who completes Sections A, B, C (Items C3.h and C3.i only), and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. *The statements in Sections A, B, C, and E are correct to the best of my knowledge.*

PROPERTY OWNER'S OR OWNER'S AUTHORIZED REPRESENTATIVE'S NAME

ADDRESS

CITY

STATE

ZIP CODE

SIGNATURE

DATE

TELEPHONE

COMMENTS

| | Check here if attachments

SECTION G - COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below.

- G1. The information in Section C was taken from other documentation that has been signed and embossed by a licensed surveyor, engineer, or architect who is authorized by state or local law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)
- G2. A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.
- G3. The following information (items G4-G9) is provided for community floodplain management purposes.

G4. PERMIT NUMBER	G5. DATE PERMIT ISSUED	G6. DATE CERTIFICATE OF COMPLIANCE/OCCUPANCY ISSUED
-------------------	------------------------	---

G7. This permit has been issued for: New Construction Substantial Improvement

G8. Elevation of as-built lowest floor (including basement) of the building is:

_____ . ____ ft. (m) Datum: _____

G9. BFE or (in Zone AO) depth of flooding at the building site is:

_____ . ____ ft. (m) Datum: _____

LOCAL OFFICIAL'S NAME

TITLE

COMMUNITY NAME

TELEPHONE

SIGNATURE

DATE

COMMENTS

| | Check here if attachments



SIDDIQ KHAN & ASSOCIATES, INC
CONSULTING ENGINEERS AND PLANNERS
7400 S.W. 50TH TERRACE, SUITE 105
MIAMI, FLORIDA 33155

(305) 662-2301
FAX: (305) 661-3962
www.ska-engineering.com

Gainor Residence
5800 North Bay Road
City of Miami Beach, Florida

Structural Calculations



BB600445

* SHORING DRAWINGS & CALCS
ATTACHED TO BACK OF SET *



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**Gainor Residence
5800 North Bay Road
City of Miami Beach, Florida**

Structural Calculations

This computation book contains manual and computerized structural calculations, certain printed manufacturer's data and Miami-Dade NOA's. Computation pages are numbered by sections as shown on the index sheets. Computations were performed to the best of our knowledge according to sound and generally accepted engineering principals and Code requirements, using nationally recognized computer software and in-house developed software. Prior to commissioning into service, the in-house developed software was thoroughly checked by performing parallel manual computations. The sign and seal provided herein is meant to cover all computation sheets excluding the manufacturer's printed data and Miami-Dade NOA's.

Total of 157 pages including cover.

A handwritten signature in black ink, appearing to read 'Taimur A. Khan', is written over a horizontal line.

Taimur A. Khan, P.E.
FL P.E. # 60994
October 19, 2005



SIDDIQ KHAN & ASSOCIATES, INC
CONSULTING ENGINEERS AND PLANNERS
7400 S.W. 50TH TERRACE, SUITE 105
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Gainor Residence
5800 North Bay Road
City of Miami Beach, Florida

Table of Contents

Design References	Pg. 3-1
Design Loads	Pg. 4-1
Wind Load Calculations $K_d = 0.85$	Pg. 5-1 to 5-5
Wind Load Calculations $K_d = 1.00$	Pg. 6-1 to 6-6
Truss Reactions and Anchor Design	Pg. 7-1 to 7-36
2 nd Floor and Roof Diaphragm Shear Calculations	Pg. 8-1 to 8-12
Masonry Wall Reinforcing Calculations	Pg. 9-1 to 9-12
Concrete Beam / Column Designs	Pg. 10-1 to 10-46
Steel Column Designs	Pg. 11-1 to 11-4
Floor and Roof Retrofit Designs (Wood and Steel)	Pg. 12-1 to 12-29
Generator Pad Structure Design	Pg. 13-1 to 13-5
Product Control Notice of Acceptance	Not Numbered
Copy of Geotechnical Engineer's Report	Not Numbered

Note: Numbered pages total to 157.

Taimur A. Khan, P.E.
FL P.E. # 60994
October 19, 2005



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7400 S.W. 50TH TERRACE, SUITE 105
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Gainor Residence
5800 North Bay Road
City of Miami Beach, Florida

Design References

2004 Florida Building Code

American Society of Civil Engineers - ASCE 7-98

American Concrete Institute - ACI 318-02

Building Code Requirements for Masonry Structures (ACI 530-02)

American Institute of Steel Construction ASD 9th edition

National Design Specifications for Wood Construction - NDS 2001

Hilti Product Technical Guide, and Product Control NOA

Nue-Vue Product Control NOA

USP Product Control NOA

Illinois Tool Works Product Control NOA

Computer Analysis / Design Software:

Portland Cement Association - PCA Beams V3.0

Computer and Structures Inc. – SAP2000 V1.01



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Gainor Residence
5800 North Bay Road
City of Miami Beach, Florida

Design Loads

Floor Loads:

DL 25 psf

LL 40 psf

2nd Floor Exercise Room:

DL 25 psf

LL 100 psf

Balcony:

SDL = 20 psf

LL = 60 psf

Roof Loads:

DL = 25 psf (15 psf TC and 10 psf BC)

LL = 30 psf (20 psf TC and 10 psf BC)

Roof Cupola Trusses:

DL = 35 psf (15 psf TC and 20 psf BC)

LL = 30 psf (20 psf TC and 10 psf BC)

Wind Loads:

Per ASCE 7-98, Importance Factor II, Exposure C, Enclosed Building, V = 146 mph



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Gainor Residence
5800 North Bay Road
City of Miami Beach, Florida

Wind Load Calculations $K_d = 0.85$

Siddiq Khan & Associates, Inc.
Design Wind Pressures per ASCE 7-98

Project : Gainor Residence Wind Loads Kd = 0.85
 Project No. : 05-618.00

Mean Roof Height 23.00 ft. 15 13.8 ... z-bar = 15.00 ft.
 B width 35.00 ft.
 Exposure C
 Hurricanes? Y
 Importance II I = 1.00
 Velocity 146
 "a" = 3.50

Importance Factor Table 6-1

Category	Non-Hurricane	Hurricane
I	0.87	0.77
II	1.00	1.00
III	1.15	1.15
IV	1.15	1.15

Table 6-4 Terrain Exposure Constants

Exposure	Alpha	Zg	a^	b^	Alpha-Bar	b-bar	c	I	epsilon-bar	z min.
A	5	1500	1/5.0	0.64	1/3.0	0.3	0.45	180	0.500	60
B	7	1200	1/7.0	0.84	1/4.0	0.45	0.3	320	0.333	30
C	9.5	900	1/9.5	1	1/6.5	0.65	0.2	500	0.200	15
D	11.5	700	1/11.5	1.07	1/9.0	0.8	0.15	650	0.125	7

Kzt = 1 Escarpment or Axisymmetrical Hill
 Kd = 0.85
 Calculate kh: 0.929
 Calculate qh: 43.08

Calculate Gh: Internal Pressure = 7.75

lz-bar = 0.2281
 Lz-bar = 427.0566
 Q = 0.9209
 G = 0.8500

Siddiq Khan & Associates, Inc.
 Design Wind Pressures per ASCE 7-98

Project : Gainor Residence Wind Loads Kd = 0.85
 Project No. : 05-618.00

Calculate MWFRS loads per Eq. 6-15, applicable for all heights...Loads Application per Figure 6-3

Main Wind Force Resisting System for Vertical Surfaces:				windward	leeward	Sides	W+L
	Height z	Kz	qz	qz*G*0.8	qh*G*0.5	qh*G*0.7	pressure
TOF	-1.33						
GF	0.00	0.849	39.37	26.77	18.31	25.63	45.08
	15.00	0.849	39.37	26.77	18.31	25.63	45.08
	20.00	0.902	41.83	28.45	18.31	25.63	46.76
	25.00	0.945	43.84	29.81	18.31	25.63	48.12
	30.00	0.982	45.56	30.98	18.31	25.63	49.29
	35.00	1.015	47.06	32.00	18.31	25.63	50.31

Note: Internal pressure not added to above calculation

Main Wind Force Resisting System for Roofs theta = 14.04 degrees (3:12 Slope):
 Wind Normal to Ridge

h/L	Cp	Pressure	w/ - internal	w/ + internal	Leeward Side Beyond Ridge			
					Cp	Pressure	w/ - internal	w/ + internal
≤ 0.25	-0.5386	-19.7	-12.0	-27.5	-0.4614	-16.90	-9.14	-24.65
.5	-0.7386	-27.0	-19.3	-34.8	-0.5000	-18.31	-10.56	-26.06
≥ 1.0	-1.0578	-38.7	-31.0	-46.5	-0.6193	-22.68	-14.92	-30.43

Wind Parallel to Ridge for h/L ≤ 0.5

0 to h/2, Cp =	-0.90	-33.0	-25.2	-40.7
h/2 to h, Cp =	-0.90	-33.0	-25.2	-40.7
h to 2h, Cp =	-0.50	-18.3	-10.6	-26.1
> 2h, Cp =	-0.30	-11.0	-3.2	-18.7

Wind Parallel to Ridge for h/L ≥ 1.0

0 to h/2, Cp =	-1.30	-47.6	-39.9	-55.4
> h/2, Cp =	-0.70	-25.6	-17.9	-33.4

$h/l = 0.71$ Parallel to Ridge wpl. vt = 46.9 psf.

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Design Wind Pressures per ASCE 7-98

Project : Gainor Residence Wind Loads Kd = 0.85
 Project No. : 05-618.00

Roof Pressure Coefficients and Calculated Roof Pressures From 10 to 30 degrees, qz=qh*:

Trib. Area or L ² /3	Negative Press. Coefficients		Pos. Press.	Overhang Coefficients	
	Zone 1	Zone 2 & 3	All Zones	Zone 2	Zone 3
10	-0.900	-2.100	0.50	-2.20	-3.70
15	-0.882	-1.977	0.46	-2.20	-3.49
20	-0.870	-1.889	0.44	-2.20	-3.34
25	-0.860	-1.821	0.42	-2.20	-3.22
30	-0.852	-1.766	0.40	-2.20	-3.13
35	-0.846	-1.719	0.39	-2.20	-3.05
40	-0.840	-1.679	0.38	-2.20	-2.98
45	-0.835	-1.643	0.37	-2.20	-2.92
50	-0.830	-1.611	0.36	-2.20	-2.86
55	-0.826	-1.582	0.35	-2.20	-2.81
60	-0.822	-1.555	0.34	-2.20	-2.77
65	-0.819	-1.531	0.34	-2.20	-2.72
70	-0.816	-1.508	0.33	-2.20	-2.69
75	-0.813	-1.487	0.32	-2.20	-2.65
80	-0.810	-1.468	0.32	-2.20	-2.62
85	-0.807	-1.449	0.31	-2.20	-2.58
90	-0.805	-1.432	0.31	-2.20	-2.55
95	-0.802	-1.416	0.30	-2.20	-2.53
100	-0.800	-1.400	0.30	-2.20	-2.50

Negative Pressures		Overhang Pressures**		Positive
Zone 1	Zone 2 & 3	Zone 2	Zone 3	All Zones
-46.5	-98.23	-94.78	-159.40	29.3
-45.8	-92.92	-94.78	-150.29	27.8
-45.2	-89.15	-94.78	-143.83	26.7
-44.8	-86.23	-94.78	-138.82	25.9
-44.5	-83.84	-94.78	-134.73	25.2
-44.2	-81.82	-94.78	-131.27	24.6
-43.9	-80.07	-94.78	-128.27	24.1
-43.7	-78.53	-94.78	-125.63	23.7
-43.5	-77.15	-94.78	-123.26	23.3
-43.3	-75.90	-94.78	-121.12	22.9
-43.2	-74.76	-94.78	-119.17	22.6
-43.0	-73.71	-94.78	-117.37	22.3
-42.9	-72.74	-94.78	-115.70	22.0
-42.8	-71.84	-94.78	-114.16	21.7
-42.6	-70.99	-94.78	-112.71	21.5
-42.5	-70.20	-94.78	-111.34	21.3
-42.4	-69.45	-94.78	-110.06	21.1
-42.3	-68.74	-94.78	-108.85	20.9
-42.2	-68.07	-94.78	-107.70	20.7

* Internal pressure 0.18qh included in above calculations to produce maximum loading

** Overhangs do not include internal pressure coefficients