

Pile driving formula, Per FBC 1806 and FBC 1822.2

For Drop Hammer, 3000 lb minimum with 6' drop, per FBC 1822.1.18

P := 50000 lbs, allowable total load, in pounds

W := 8000 lbs, weight of striking hammer, in pounds

h := 6.0 ft., height of fall of striking part of hammer, in feet

S := 2.85 in., average penetration per blow of the last 5 blows

5S = 14.25 in, total penetration of five final blows

Therefore, minimum number of blows over the last 3 inches of penetration

$n_{3_in} := \frac{3}{S}$ $n_{3_in} = 1.05$ blows, use 2 blows minimum for last 3" for pile log acceptance

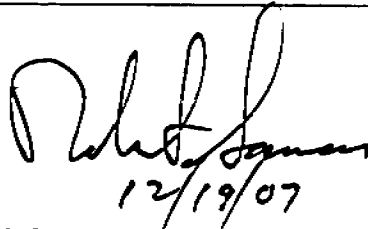
Drop Hammer Formula $P_{av} = \frac{2 \cdot W \cdot h}{S - 1}$ $P = 51891.89$ lbs, allowable $\frac{P}{2000} = 25.95$ Tons, allowable

Pile Driving Log to be kept for each pile driven per FBC 1822.1.20

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Consulting Engineers

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PE # 19649

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12/19/07

Repair
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Miami, FL

Date: December 19, 2007

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Stabilize toe of existing gravity wall to retain 4.6 feet (max.) of dry soil fill plus 5.9 feet of saturated soil fill (measured from toe of wall at 2' below the berm).

A. Determine retained soil characteristics and describe existing bulkhead geometry:

1) Soil Characteristics

For soil described as silty sand-gravel mix of medium density, ASTM classification GM

Soil weight, dry or moist $\gamma_d = 120$ psf. Water weight $\gamma_{H2O} = 62.4$ psf.

Soil weight, submerged $\gamma_{sat} = 58$ psf Friction angle, internal $\phi_{soil} = 30$ degrees

Coeff. of active earth pressure $K_a = 0.30$

Coeff. of passive earth pressure $K_p = 5.0$ S. F. for Passive pressure $G_s = 1.5$

Allowable lateral soil bearing value (coral rock) $K_{allow} = 400$ psf/ft of depth

2) Geometry

Height of seawall (top of cap to toe of wall) $H_{wall} = 10.5$ ft. max

Distance from top of cap to fill grade $d_{fill} = 0.50$ ft.

Height of retained fill $H_R = H_{wall} - d_{fill}$ $H_R = 10.00$ ft.

Panel height (top of panel to top of sheet pile) $H_p = H_R - 3.0$ $H_p = 7.00$ ft.

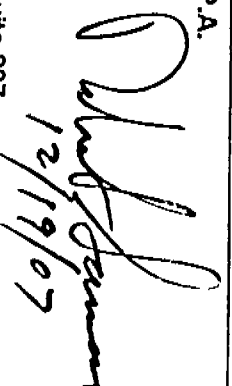
Wall slab embedment depth (top of sheet pile to bottom of slab) $D_{wall} = 1.0$ ft.

Mean Low Water height (above top of berm) $H_{MLW} = 5.17$ ft.

Unbalanced water height above mean low water $H_u = 2.2$ ft.

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3) Determine bulkhead forces, and action line distances y_p above top of berm:

a) Force due to surcharge on inside face of seawall $q_{sur} = 0$ psf. $H_f = 10.00$

$$F_{sur} = \frac{q_{sur}}{1000} \cdot H_f \quad F_{sur} = 0 \quad \text{kips/ft.} \quad x_{sur} = \frac{H_f}{2}$$

b) Forces due to dry/moist backfill on inside face of seawall

$$F_{\gamma 1} = k_a \cdot \frac{\gamma}{1000} \cdot \frac{[H_f - (H_{mlw} + H_u)]^2}{2}$$

$$F_{\gamma 1} = 0.12 \quad \text{kips/ft.} \quad x_{\gamma 1} = (H_{mlw} + H_u) + \frac{H_f - (H_{mlw} + H_u)}{3} \quad y_{\gamma 1} = 8.25$$

$$F_{\gamma 2} = k_a \cdot \frac{\gamma}{1000} \cdot [H_f - (H_{mlw} + H_u)] \cdot (H_{mlw} + H_u)$$

$$F_{\gamma 2} = 0.70 \quad \text{kips/ft.} \quad x_{\gamma 2} = \frac{H_{mlw} + H_u}{2} \quad y_{\gamma 2} = 3.69$$

c) Forces due to unbalanced water pressure on inside face of seawall

$$F_{\gamma H2O1} = \frac{\gamma_{H2O}}{1000} \cdot \frac{(H_u)^2}{2} \quad F_{\gamma H2O1} = 0.15 \quad \text{kips/ft.} \quad x_{\gamma H2O1} = H_{mlw} + \frac{H_u}{3}$$

$$F_{\gamma H2O2} = \frac{\gamma_{H2O}}{1000} \cdot (H_u) \cdot H_{mlw} \quad F_{\gamma H2O2} = 0.71 \quad \text{kips/ft.} \quad x_{\gamma H2O2} = \frac{H_{mlw}}{2}$$

d) Force due to submerged backfill on inside face of seawall

$$F_{\gamma prime} = k_a \cdot \frac{\gamma_{prime}}{1000} \cdot \frac{(H_{mlw} + H_u)^2}{2} \quad F_{\gamma prime} = 0.47 \quad \text{kips/ft.} \quad x_{\gamma prime} = \frac{H_{mlw}}{3}$$

e) Location of wall rotation point below top of berm

$$x_{\gamma prime_{act}} = 1.0 \quad y_{\gamma prime_p} = 1.00 \quad \text{ft.}$$

f) Total active lateral force on inside face of bulkhead


$$F_{sum_act} = F_{sur} + F_{\gamma 1} + F_{\gamma 2} + F_{\gamma H2O1} + F_{\gamma H2O2} + F_{\gamma prime}$$

$$F_{sum_act} = 2.16 \quad \text{kips/ft.}$$

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- 4) Determine top and bottom reactions in existing wall, vertical 1-way action for the bulkhead wall, wall is restrained at top by existing Cap Beam:

Take Moments about Berni Point of Passive Earth pressure at bottom of wall:

Take Moments about Center of Rotation Point, p: at $Y_{yprime_p} = 1.00$ ft.

- a) Moment due to surcharge on inside face of seawall

$$M_{sur} := 1.0 \cdot F_{sur} \left(\frac{Y_{sur} + |Y_{yprime_p}|}{Y_{sur} + |Y_{yprime_p}|} \right) \cdot (H_a - Y_{sur})$$

$M_{sur} = 0.00$ ft-kips/ft.

- b) Moments due to dry/moist backfill on inside face of seawall

$$M_{dry} := (1.0) \cdot F_{y1} \left[\frac{(Y_{y1} + |Y_{yprime_p}|)}{|Y_{y1} - |Y_{yprime_p}||} \right] \cdot (H_a - Y_{y1})$$

$$M_{dry} = -0.18$$

ft-kips/ft.

$$M_{dry} := (1.0) \cdot F_{y2} \left[\frac{(Y_{y2} + |Y_{yprime_p}|)}{|Y_{y2} + |Y_{yprime_p}||} \right] \cdot (H_a - Y_{y2})$$

$M_{y2} = 1.35$ ft-kips/ft.

- c) Moments due to unbalanced water pressure on inside face of seawall

$$M_{yH2O1} := 1.0 \cdot F_{yH2O1} \left[\frac{(Y_{yH2O1} + |Y_{yprime_p}|)}{|Y_{yH2O1} + |Y_{yprime_p}||} \right] \cdot (H_a - Y_{yH2O1})$$

$M_{yH2O1} = 0.14$ ft-kips/ft.

$$M_{yH2O2} := 1.0 \cdot F_{yH2O2} \left[\frac{(Y_{yH2O2} + |Y_{yprime_p}|)}{|Y_{yH2O2} + |Y_{yprime_p}||} \right] \cdot (H_a - Y_{yH2O2})$$

$M_{yH2O2} = 1.40$ ft-kips/ft.

- d) Moment due to submerged backfill on inside face of seawall

$$M_{sub} := 1.0 \cdot F_{yprime} \left[\frac{(Y_{yprime} + |Y_{yprime_p}|)}{|Y_{yprime} + |Y_{yprime_p}||} \right] \cdot (H_a - Y_{yprime})$$

$M_{yprime} = 0.85$ ft-kips/ft.

- e) Sum of Moments on inside face of seawall

$$M_{sum} := M_{sur} + M_{y1} + M_{y2} + M_{yH2O1} + M_{yH2O2} + M_{yprime}$$

$M_{sum} = 3.57$ ft-kips/ft.

- f) Horizontal reaction at top edge of wall:

$$R_{h_top} := \frac{M_{sum}}{H_t}$$

$R_{h_top} = 0.36$ kips per foot

- g) Horizontal reaction at bottom edge of wall:

$$R_{h_bot} := F_{sum_act} - R_{h_top}$$

$R_{h_bot} = 1.80$ kips per foot

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DESIGN SHEET PILE AS CANTILEVER TO RETAIN HORIZONTAL REACTION FROM GRAVITY WALL AND RETAINED TREMIE CONCRETE

A. Determine retained soil characteristics and describe pile geometry:

1) Soil Characteristics of Retained Material

For soil described as TREMIE PLACED CONCRETE

Soil weight, dry or moist $\gamma_w := 150$ psf.

Soil weight, submerged $\gamma_{\text{prime}} := 100$ psf

Coeff. of active earth pressure $k_a := 0.59$

Coeff. of passive earth pressure $k_p := 6.0$

2) Characteristics of Berm Material to resist rotation of sheet pile S. F. for Passive pressure $G_{\text{min}} := 2.0$

For soil described as limerock rock/gravel mix, high density, ASTM classification GM

Soil weight, dry or moist $\gamma_b := 145$ psf. Friction angle, internal $\phi := 40$ deg

Soil weight, submerged $\gamma_{b_prime} := 85$ psf

Coeff. of active earth pressure $k_{b_a} := 0.59$

Coeff. of passive earth pressure $k_p := 5.0$ S. F. for Passive pressure $G_{\text{min}} := 1.5$

Allowable lateral soil bearing value (coral rock) $k_{\text{allow}} := 400$ psf/ft of depth

3) Pile Geometry

Retained soil depth (top of sheet pile to bottom of wall.) $H_w := 2.0$ ft.

Embedment depth (bottom of wall of berm to bot. of pile) $D := 7.0$ ft., minimum

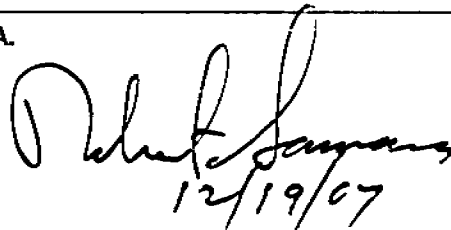
Mean Low Water height (above bottom of wall) $H_{\text{mlw}} := 5.9$ ft.

Unbalanced water height above mean high water $H_{\text{uh}} := 2.1$ ft.

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C) Determine bulkhead forces, and action line distances y_p above top of berm:

a) Force from bottom edge of existing wall on inside face of sheet pile $H_f = 2.00$

$$R_{h_bot} = 1.80 \text{ kips/ft.}$$

$$y_{panel} := 2 \frac{H_f + D}{3}$$

b) Force due to submerged backfill on inside face of sheet pile

$$F_{\gamma prime} := K_a \frac{\gamma prime (H_f)^2}{1000 \cdot 2} \quad F_{\gamma prime} = 0.12 \text{ kips/ft.} \quad y_{\gamma prime} := \frac{H_{mtw}}{3}$$

D) Determine Bending Moment on Sheet Pile, consider as a cantilever.

Take Moments about Design Centroid Point of Passive Earth pressure at face of pile, b:

a) Moment due to panel reaction on inside face of sheet pile

$$M_{panel} := R_{h_bot} (-y_{\gamma prime_p} + y_{panel}) \quad M_{panel} = 8.99 \text{ ft-kips/ft.}$$

b) Moment due to submerged backfill on inside face of sheet pile

$$M_{\gamma prime} := F_{\gamma prime} (-y_{\gamma prime_p} + y_{\gamma prime}) \quad M_{\gamma prime} = 0.11 \text{ ft-kips/ft.}$$

c) Sum of Moments due to pressures on inside face of sheet pile, about point b:

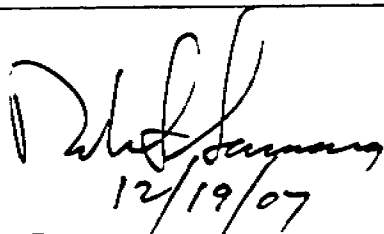
$$M_{sum} := M_{panel} + M_{\gamma prime}$$

$$M_{sum} = 9.1 \text{ ft-kips/ft.}$$

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E) Determine Required Steel Sheet Piling Size for A572 Grade 50 steel:

$F_y := 50$ ksi. $F_b := 0.6 \cdot F_y$ $F_b = 30.00$ ksi. $E := 29 \cdot 10^3$ ksi.

$M_{sum} = 9.11$ ft-kips/ft.

$S_{reqd} := \frac{M_{sum} \cdot 12}{F_b}$ $S_{reqd} = 3.64$ in.³/ft.

For LZ 2.5 Sheet Piling

$S_{prov} := 5.44$ in.³/ft. $>$ $S_{reqd} = 3.64$ in.³/ft., minimum

Check Horiz. Deflection at top of pile: $l_{prov} = 12.4$ in.⁴/ft.

$$\Delta_h := \frac{(F_{\gamma 1} + F_{\gamma 2} + F_{\gamma H2O1} + F_{\gamma H2O2} + F_{\gamma prime}) \cdot (|y_{\gamma prime_p}| \cdot 12 + H_f \cdot 12)^3}{15 \cdot E \cdot I_{prov}} + \frac{.0149 \cdot M_{panel} \cdot (|y_{\gamma prime_p}| + H_f)^2}{I_{prov}}$$

$\Delta_h = 0.11$ in. for $I_{prov} = 12.40$ in⁴ per foot of wall

F) Determine Required Lateral Passive soil pressure for $D = 7.00$ ft.

Allowable passive earth pressure (uniform coral rock) $k_{p_allow} = 400.00$ psf./ft of depth

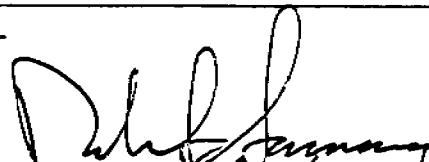
$M_{sum} = 9.11$ ft-kips/ft. $Pka1_{allow} := k_{p_allow} \cdot \frac{D}{3}$

$Pka1_{reqd} := \frac{M_{sum} \cdot 12 \cdot 1000}{1.0 \cdot D^3} \cdot \frac{D}{3}$ $Pka1_{reqd} = 743.38$ lbs/lin.ft of pile wall $<$ $Pka1_{allow} = 933.55$ lbs/lin.ft

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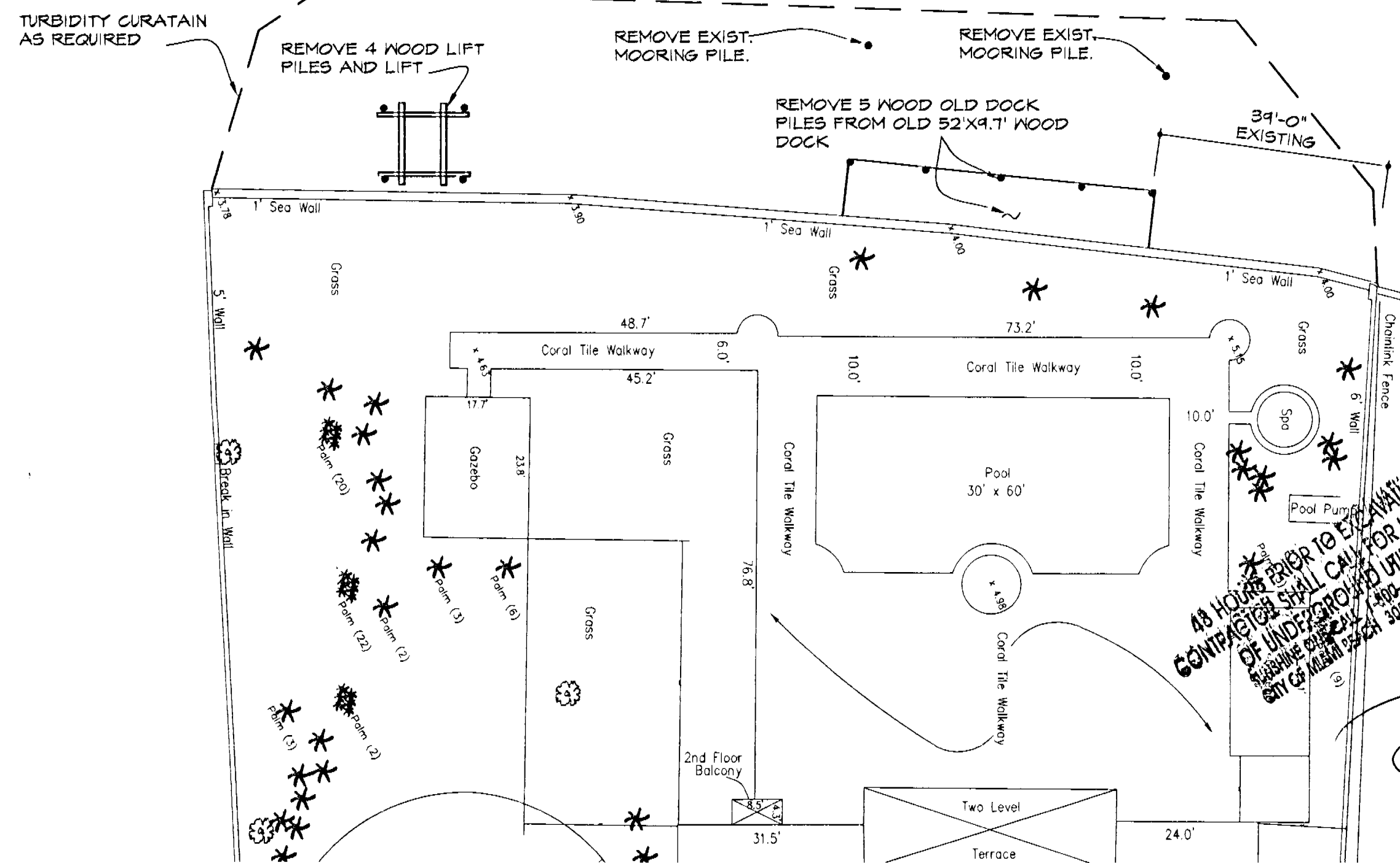
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Date: December 19, 2007

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LOCATION PLAN NTS



SITE PLAN
EXISTING CONDITIONS
1" = 20'-0"

GENERAL NOTES

CONCRETE AND REINFORCING STEEL

- ALL CONCRETE SHALL ATTAIN A MIN. COMPRESSIVE STRENGTH OF 5000 P.S.I. .40 W/C RATIO AT THE END OF 28 DAYS.
- ALL REINFORCEMENT SHALL BE 60000 PSI MINIMUM YIELD NEM BILLET STEEL IN ACCORDANCE WITH ASTM A615 GRADE 60. ALL BAR LAPS SHALL BE A MIN OF 26 BAR DIA.
- ALL CONCRETE SURFACES SHALL HAVE A LIGHT BROOM FINISH.

PRECAST CONCRETE PILING

- PRECAST CONCRETE PILES SHALL BE 12" PILES W/ 5000 P.S.I. MIN. CONCRETE AND 4-1/8" Ø 270 K.S.I. ASTM A416 LOW-LAX STRANDS W/ 2 1/2" MIN. CONCRETE COVER TO TIES. DRIVEN TO A MINIMUM BEARING CAPACITY OF 25 TONS WITH 12" MIN. PENETRATION INTO FIRM MATERIAL BELOW SILT LAYER. BATTER PILES AS SHOWN ON PLANS.
- PILES SHALL BE CUT OFF AT ELEVATIONS SHOWN ON THE PLANS & SECTIONS.

SHEET PILING

- SHEET PILING TOE WALL CAN BE IN GOOD USED CONDITION, GRADE 50 ASTM A512 MINIMUM SECTION MODULUS SHALL BE 5.86 IN³ MIN WITH A MOMENT OF INERTIA OF 45.3 IN⁴ MIN

BACKFILL

- ALL BACKFILL MATERIAL SHALL BE FREE DRAINING SAND OR GRAVEL WITH A MAXIMUM OF FIVE PERCENT PASSING THE #200 SIEVE. FILLS SHALL BE PLACED IN MAXIMUM 12" LIFTS COMPACTED TO 95 PERCENT OF ITS MAXIMUM DRY DENSITY. (ASTM-1557) NO ASPHALT OR ORGANIC MATERIAL SHALL BE ALLOWED IN BACKFILL MATERIAL.

GENERAL

- ELEVATIONS SHOWN REFER TO THE NATIONAL GEODETIC VERTICAL DATUM (NGVD) OF 1929.
- ALL DIMENSIONS ON PLANS ARE SUBJECT TO VERIFICATION IN THE FIELD.
- IT IS THE INTENT OF THESE PLANS TO BE IN ACCORDANCE WITH APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. ANY DISCREPANCIES BETWEEN THESE PLANS AND APPLICABLE CODES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH WORK.
- IT IS THE INTENT OF THESE PLANS AND THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH LOCAL, STATE, AND FEDERAL ENVIRONMENTAL PERMITS ISSUED FOR THIS PROJECT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE AND GOVERN HIMSELF BY ALL PROVISIONS OF THESE PERMITS.
- APPLICABLE BUILDING CODE: FLORIDA BUILDING CODE 2004 EDITION.

PUBLIC WORKS PLAN REVIEW NOTICE

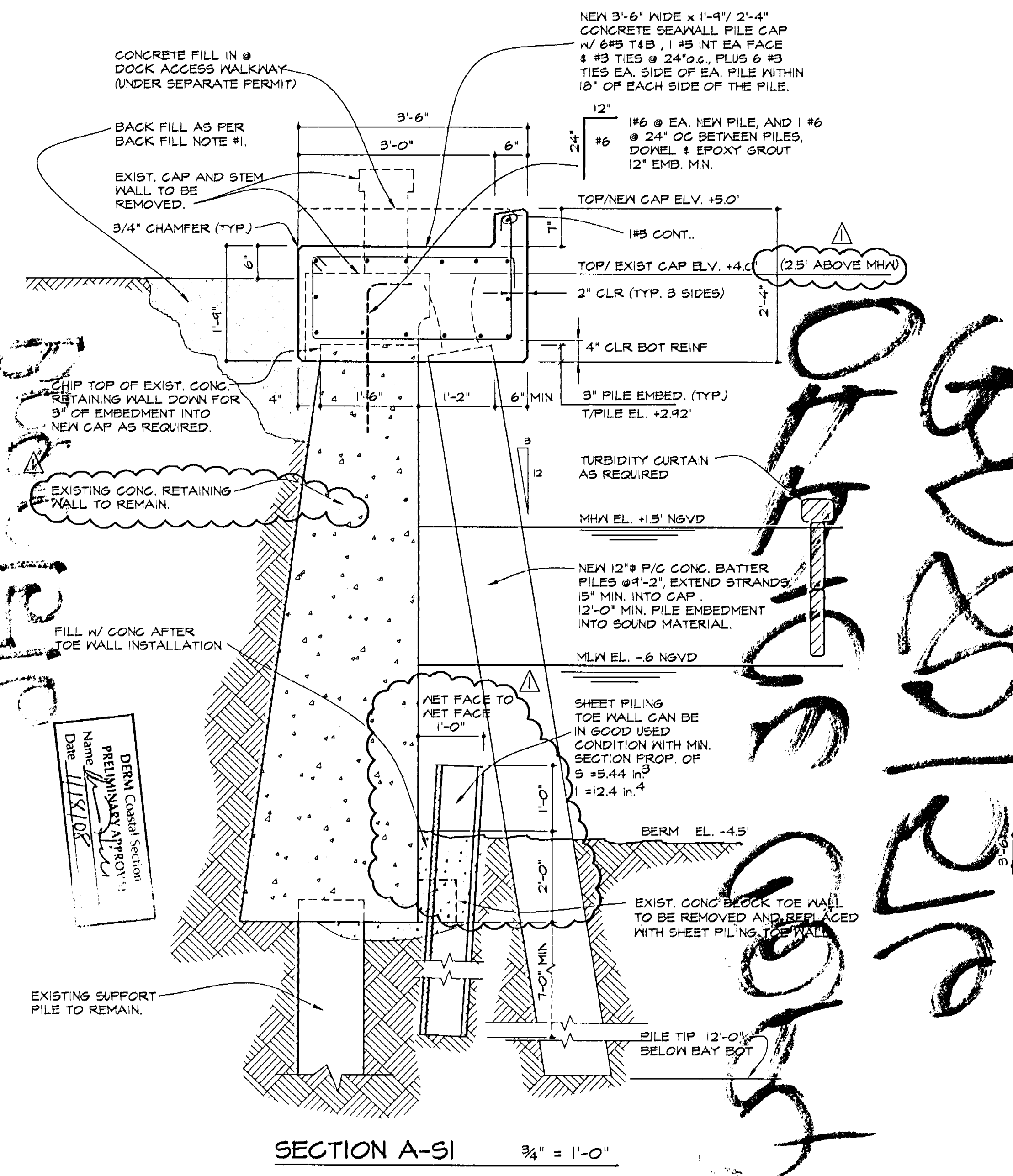
THIS PLAN REVIEW CONSTITUTES APPROVAL FOR OBTAINING BUILDING PERMITS ONLY.

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

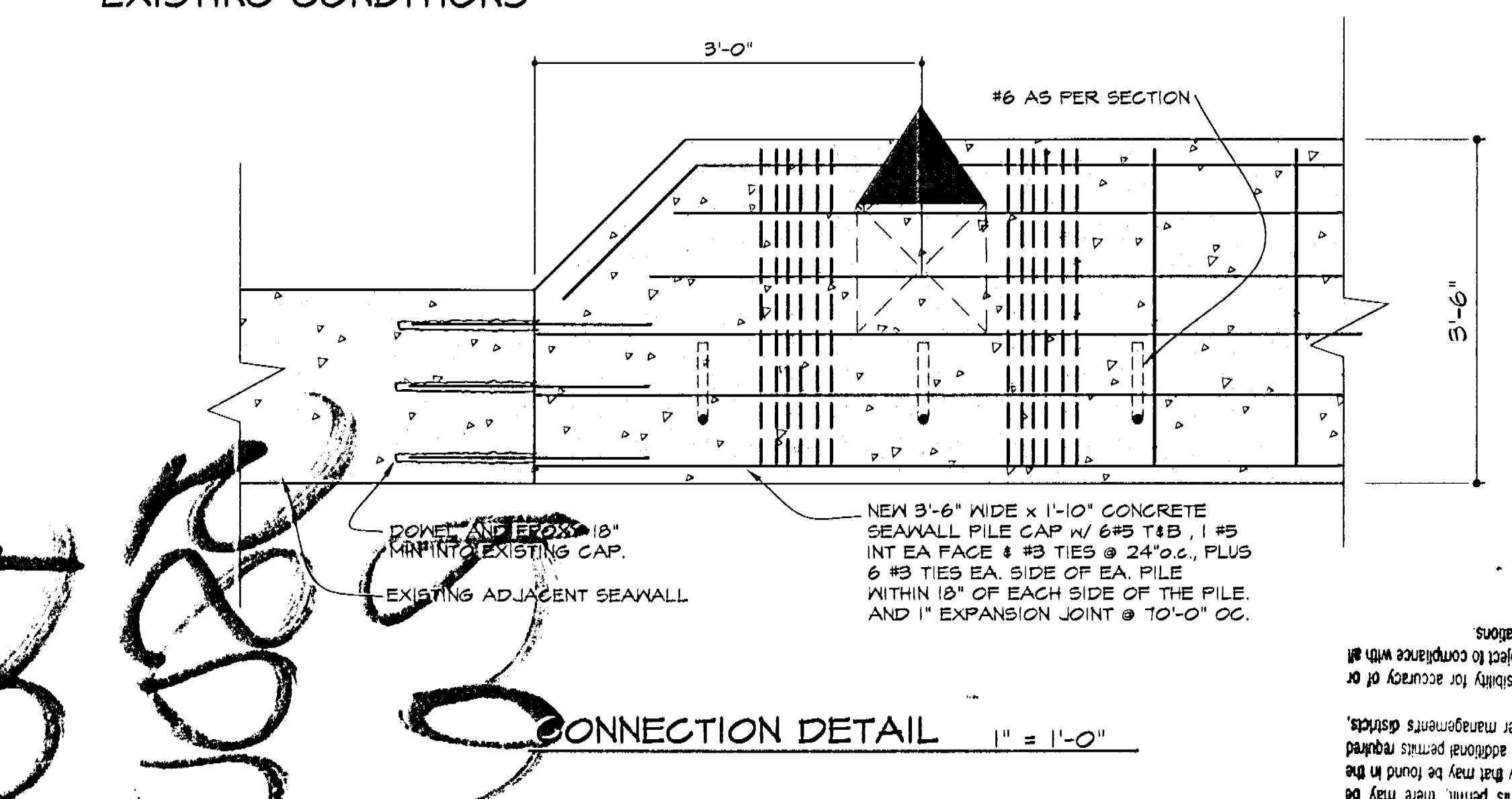
Permit Requirements: Proof of existing sidewalk as well as conditions (pictures) and/or posting of sidewalk roadway bonds (Public Works Inspection of the right-of-way will be required prior to final sign-off on the C.C./C.O. or the release of bonds.)

Approved/Reviewed By: *[Signature]* Date: *01/14/08*

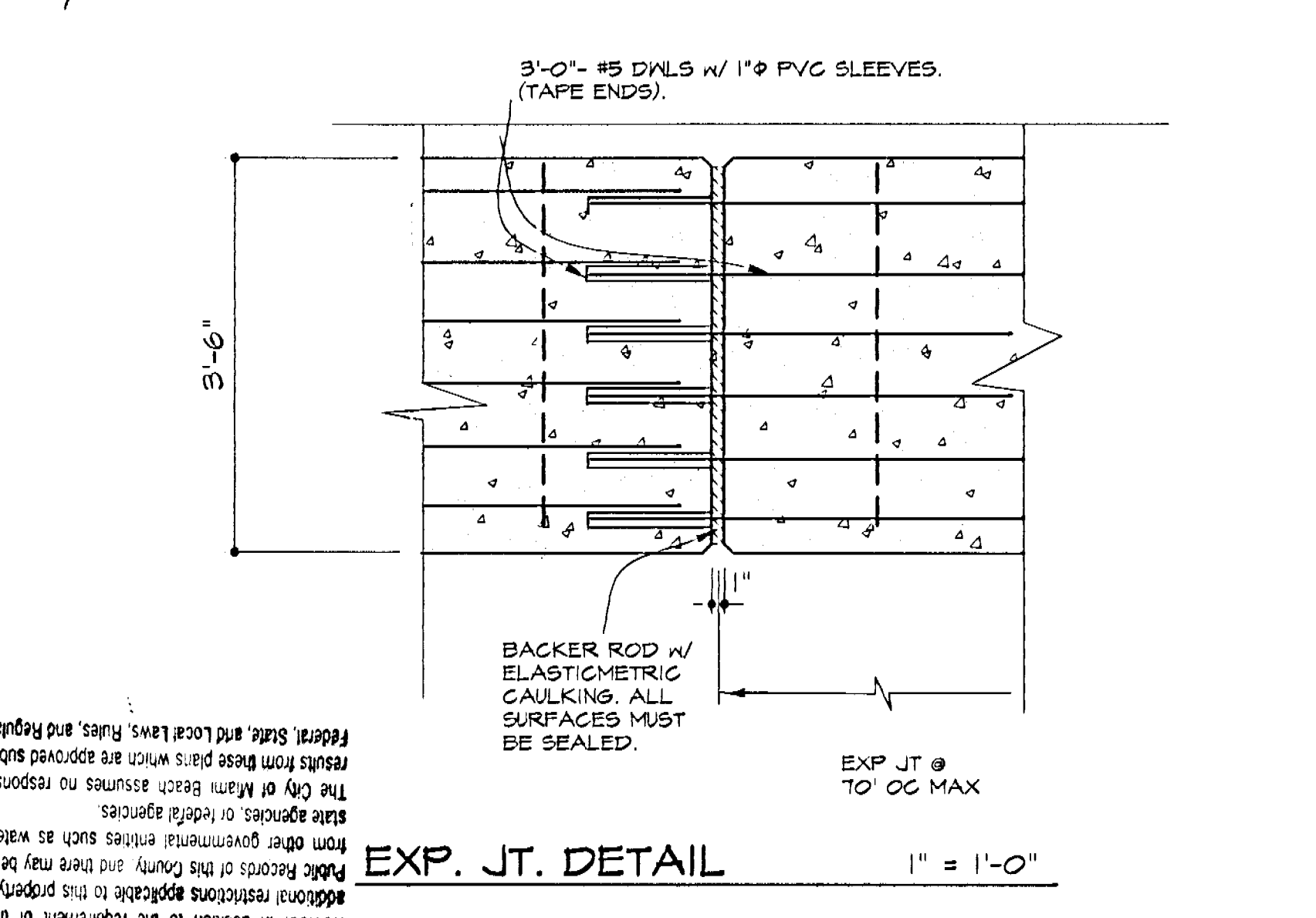
Public Works Department
Phone: 305-673-7000 Fax: 305-673-7028



SECTION A-S1
3/4" = 1'-0"



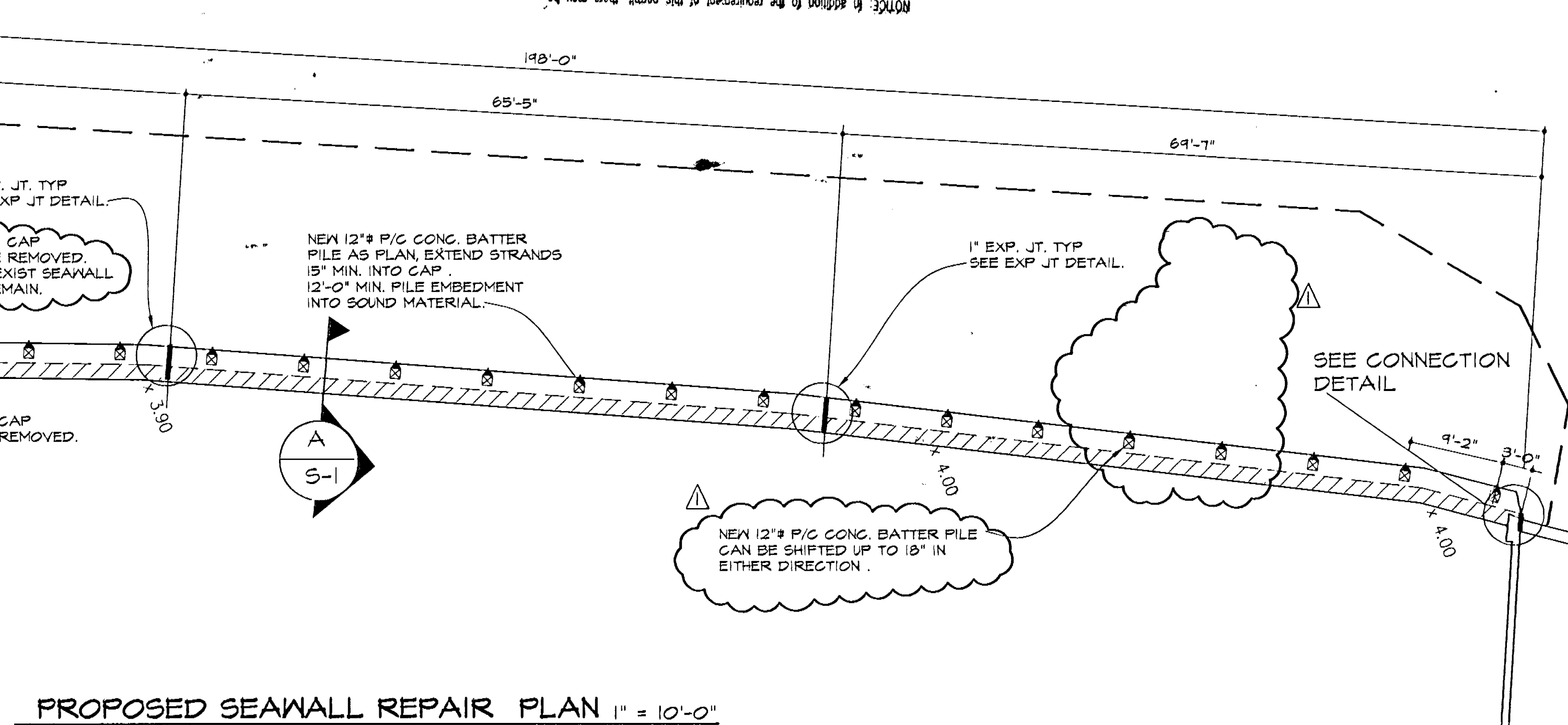
CONNECTION DETAIL
1" = 1'-0"



EXP. JT. DETAIL
1" = 1'-0"

REVISIONS

01-11-08
REV PER DERM COMMENTS



PROPOSED SEAWALL REPAIR PLAN
1" = 10'-0"

RECEIVED
JAN 14 2008

MARK GAINOR RESIDENCE
5800 NORTH BAY ROAD
MIAMI, FLORIDA
SEAWALL REPAIR

JOB NAME:
REVISIONS:
DATE: 12-19-07
DWN BY: A.B.
JOB NO: 07-80
SHEET:
S-1
OF 1 SHEETS

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**CITY OF MIAMI BEACH
Building Department
1700 Convention Ctr Drive, 2nd Floor
Miami Beach, Florida 33139**

Inspections: (305) 673-7370

Office: (305) 673-7610

Bldg Small Work Permit

01-24-2008

Activity Number: B0801516

Status: APPROVED

Issued By: BUILGRIM

Site Address: 5800 N BAY RD MBCH

Applied: 01/18/2008

Parcel #: 32150030270

Approved: 01/24/2008

Completed:

To Expire: 07/22/2008

Valuation: \$75,000.00

Applicant: BUNNELL FOUNDATION INC
3033 NW NORTH RIVER DRIVE
MIAMI FL 33143
305-594-9900

Property Owner: MARK J GAINOR & W ELYSE S
MARK J GAINOR TRUSTEE
7463 FISHER ISLAND DR 331090717

CONDITON(s):

Description: **200 SF LONG SEAWALL REPAIR, BATTER PILE, TOE**

Inspector Area: C Class Code: R3

=====

DETAIL LIST

Alteration/Repair Fees

Alteration Bulding/Structures - Per Costs:	\$75,000.00	\$1,377.00
Awning, Canopy, Patio Cover - Per Costs:	\$0.00	\$0.00
Area Under Roof - RADON - Per Sq.Ft.:	0	\$0.00
Walk-Thru - Per Valuation:	\$0.00	\$75.00
Repairs to Building/Structure - Per Costs:	\$0.00	\$0.00
Roofing or Re-roofing - Per Sq.Ft.:	0	\$0.00
Window/Doors - Per # of:	0	\$0.00
Signs 36-4 (Writer/Erect) - Per Sq.Ft.:	0	\$0.00
Fence and/or Wall - Per Linear Feet:	0	\$0.00
Partial Demo (Struct, Sign, Wall) - Per Costs:	\$0.00	\$0.00
Swimming Pool - Per Gallon:	0	\$0.00
Painting - Per Costs:	\$0.00	\$0.00
Sandblasting - Per Costs:	\$0.00	\$0.00
Paving - Per Sq.Ft.:	0	\$0.00
Concrete Slab - No Paving - Per Sq.Ft.:	0	\$0.00
Trees - Per # of:	0	
Hedges - Per Linear Feet:	0	
Groundcover - Per Sq.Ft.:	0	
Landscaping Fee:		\$0.00
Other Fees:		\$0.00
Penalty Fee (If Applicable):		\$0.00

Activity Number: B0801516**Fire Safety Fees**

New Building or Addition - Per Sq.Ft.:	0	\$0.00
Storage/Industrial Bldg - E & F Occup - Per Sq.Ft.:	0	\$0.00
Greenhouse/Argiculture on Premises - Per Sq.Ft.:	0	\$0.00
Screen Enclsoure/Trail on Premises - Per Sq.Ft.:	0	\$0.00
SS Underground Tanks/App Shelter - Per #:	0	\$0.00
Construction not shown Above - Per Costs:	\$0.00	\$0.00
Alt/Repair Building/Structure - Per Costs:	\$0.00	\$0.00

Marine Structure Fee

Dock Area - Per Sq.Ft.:	0	\$0.00
Seawall - Per Linear Feet:	198	\$0.99
Boat Lifts, Davits, Hoist - Per # of:	0	\$0.00
Batter, Mooring, Dock Piles - Per # of:	21	\$21.00
Marine Structure Alt/Repair - Per Costs:	\$0.00	\$0.00

SFBC Compliance Surcharge

New Const/Add - Res/Mult-Fam/Comm - Per Sq.Ft.:	0	\$0.00
New Const/Add - Strg/Ind/Msc - Per Sq.Ft.:	0	\$0.00
Cost for Other Construction:		\$0.00

Training Fee

Training Fee:		\$75.00
Sanitation Fee:		\$225.00

Additional Fees

1st Reinspection:		\$0.00
Continued Reinspections - Per # of:	0	\$0.00
Building Joint Inspections - Per # of:	0	\$0.00
Change of Contractor Per # of:	0	\$0.00
Permit Extension - Per # of:	0	\$0.00

Residential Card:

Commercial Card:

Permit Card Replacements: \$0.00

Lost Plan Fee - SF: \$0.00

Lost Plan Fee - Other: \$0.00

Overtime Inspection Fees: \$0.00

Total of All Fees: \$1,832.00

Total of Payments: \$1,832.00

Balance Due: \$0.00

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MIAMI BEACH

BUILDING DEPARTMENT

1700 Convention Center Drive
Miami Beach, FL 33139
Office: 305-673-7610 Fax: 305-673-7857

WORK PERMIT APPLICATION

FLORIDA BUILDING CODE IN EFFECT

DATE Jan 07, 2008 PERMIT # B0801516

If subsidiary or revision, provide the Master building permit number here B: _____

IS THIS PERMIT ASSOCIATED WITH A VIOLATION? If so; BV# _____

For DEMOLITION provide the year the structure was built _____ Historic District Yes No

Type of Property Single Family Commercial Multi-Family/Condo

TYPE OF IMPROVEMENT: Building Electrical Plumbing Mechanical REVISION

Describe 200SF long scanall Repair, Rafter pile, toe wall = New cap

Job Value \$ 75,000 Square Feet 000 Linear Feet 198 Pool Gallage _____ No. of units _____

Job Address _____

Folio # 02-3315-003-0270 Unit # _____

City _____ State _____ Zip _____ Phone _____

Owner/Owner Builder Mark J. Eganor Drivers License No. _____

Address 5300 NORTH BAY ROAD

City Miami Beach State FL Zip 33140 Phone 31355-4151

Fee Simple Titleholder's Name (if other than owner) _____

Address _____

City _____ State _____ Zip _____ Phone _____

Contractor Bunnell Foundation Inc License No. E-2306

Address 3033 N.W. N. RIVER DRIVE

City Miami State FL Zip 33142 Phone 31633-3309

Cell# _____ Fax # _____

Architect _____ License No. _____

Address _____

City _____ State _____ Zip _____ Phone _____

Engineer Robert E. Samara License No. PE19649

Address 7901 S.W. 47TH AVENUE

City S. Miami State FL Zip _____ Phone 31662-1916

PLEASE COMPLETE SHADED AREAS

Bonding company Name _____

Address _____

City _____ State _____ Zip _____ Phone _____

Mortgage Lender's Name _____

Address _____

City _____ State _____ Zip _____ Phone _____

This application is hereby made to obtain a permit to do the work and installations as indicated. I certify that all work will be performed to meet the standards of all laws and construction regulations in this jurisdiction. I understand that **SEPARATE PERMITS** are required for *Electrical, Mechanical, Plumbing, Signs, Swimming Pools, Spas, Windows, Sliding Glass Doors and Roofing.*

OWNER'S AFFIDAVIT: I certify that all the foregoing information is accurate and that all work will be done in compliance with all applicable laws regulating construction and Zoning.

NOTICE: In addition to the requirements of this permit, there may be additional restrictions applicable to this property that may be found in the public records of this county, and there may be additional permits required from other governmental entities such as water management districts, state agencies or federal agencies.

* If the contractor is going to be hired by the tenant, check here.

[Signature]
Signature of Owner or Agent

Signature of Tenant

[Signature]
Signature of Qualifier

Mark Laino
Printed Name of Owner or Agent

Printed Name of Tenant

Richard A. Bunnell
Printed Name of Qualifier

Date Dec 20, 2007

Date _____

Date Dec 20, 2007

[Signature]
Signature of Notary Public

Signature of Notary Public

[Signature]
Signature of Notary Public

Identification _____

Identification _____

Identification _____

Sworn to and subscribed before me this 20th day of Dec. 2007.
(Seal)

Sworn to and subscribed before me this _____ day of _____ 20____.
(Seal)

Sworn to and subscribed before me this 20th day of Dec 2007.
(Seal)



WARNING - TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT. NOTICE OF COMMENCEMENT SHOULD BE FILED AT: 22 NW 1ST STREET, MIAMI, FL

STATE OF FLORIDA

COUNTY OF DADE

Print Owner's Name
Sworn to and subscribed before me this _____ day of _____

Owner's Signature
20____, by: _____

() Personally Known () Produced Identification - Type of Identification _____

Signature of Notary Public (Seal)

Application Approved By: _____
Permit Clerk

B0801576

ROBERT E. SAMARA, P.E. P.A.

Consulting Engineers

ENG LTR 001

April 4, 2008

Building Official
City of Miami Beach Building Department
1700 Convention Center Drive
2nd floor - City Hall
Miami Beach, FL 33139

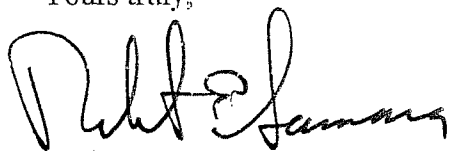
Re: Mark Gainor
5800 North Bay Road
Seawall
Permit # B0801516
Concrete pile certification

Dear Sir:

The enclosed pile driving log indicates piles have been driven to a minimum embedment depth of 12'. The pile log has been reviewed and certified that all piles will sustain a minimum of 25 tons based on design, pile penetration and blow count at the bearing end.

If there are any questions, please do not hesitate to call.

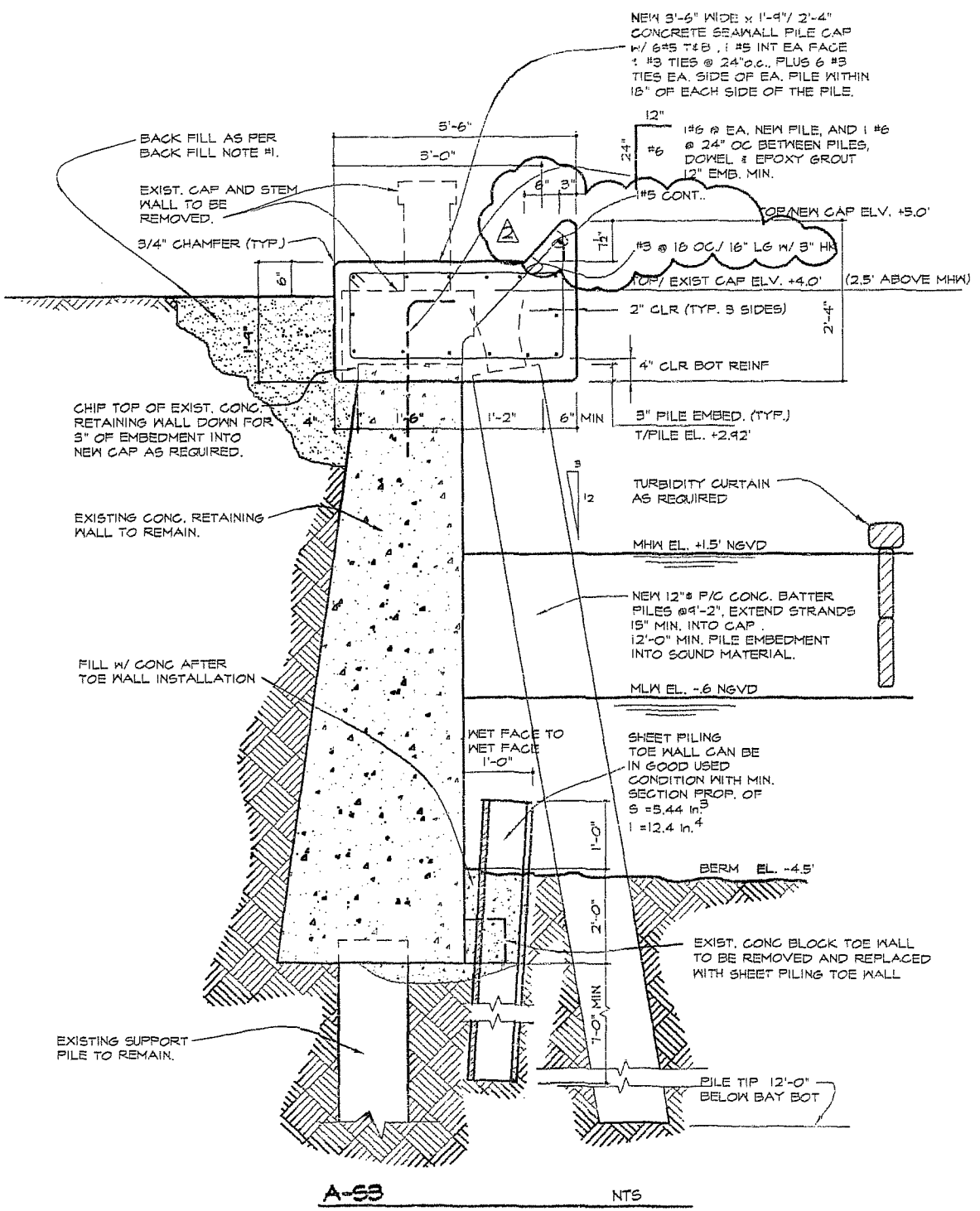
Yours truly,



Robert E. Samara, P.E.

PE#19649

B0801516
 ENG LTR 001



Robert E. Samara

04-09-09
 REVISED CAP
 DIMENSIONS
 01-11-08
 REV PER DERM
 COMMENTS

		ROBERT E. SAMARA, P.E., P.A. Consulting Engineers Structural P.E. # 17949 7901 S.W. 67th Avenue, Miami, Florida 33143 Phone: 305-662-1916 Fax: 305-662-2491
MARK GAINOR RESIDENCE 5800 NORTH BAY ROAD MIAMI, FLORIDA		
SEAWALL REPAIR		
JOB TITLE: 07-80	DATE: 12-19-07	DRAWN BY: A. Rarnet
JOB TITLE: 07-80	DATE: 12-19-07	CHECKED BY: R. Samara
S-3		



**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: Punnett Foundation, Inc. perform special inspector services under the Florida Building Code at the 5800 N. Bay Road project on the below listed structures as of 1/23/08 (date). I am a professional engineer licensed in the State of Florida.

Process Number: B 08-1514 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 Concrete Reinforcement

NOTE: Only the marked boxes apply.

The following individual's employed by this firm or me are authorized representatives to perform inspections*

- | | |
|-----------------------------|----------|
| 1. <u>JOHN BUSCHER 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: Robert E. Samara
 Architect/Engineer Name Printed: ROBERT E SAMARA
 Address: 7901 S.W. 67th AVE
 Phone Number: 305-6621916
 Owner/Agent Signature: [Signature]
 Owner/Agent Name Printed: Excel Cameras
 Building Department Accepted By: [Signature]

Signed and Sealed
19649
 License Number
 Date: 1/23/08



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: 3DESIGN INC. to perform special inspector services under the Florida Building Code at the 5800 N BAY RD project on the below listed structures as of 1, 10, 08 (date). I am a professional engineer licensed in the State of Florida.

Process Number:

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. SAM. HUBERLIN
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 these portions outlined above meet the intent of the Florida Building Code and are in subsequent accordance with the approved plans.

Signed and Sealed
34306 FL.
License Number

Architect/Engineer Signature:

Architect/Engineer

Name Printed:

Address:

Phone Number:

Owner/Agent Signature:

Owner/Agent Name Printed:

Building Department

Accepted By:

SAM. HUBERLIN, P.E.
2632 HOLLYWOOD BLVD #103
(954) 922-8845

Date: 1-10-2008

J. Blawie 08/14/08



ELEVATION CERTIFICATE

OMB No. 1660-0008
Expires February 28, 2009

Important: Read the instructions on pages 1-8.

SECTION A - PROPERTY INFORMATION		For Insurance Company Use:
A1. Building Owner's Name Mark J. Gainor & W Elyse	Policy Number	
A2. 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 FL ZIP Code 33140		
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Lots 33 and 34, Block 1A, "LaGorce Golf Subdivision" as recorded in Plat Book 14, at Page 43 of the PR of MDC, Florida.		

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) **Residential**

A5. Latitude/Longitude: Lat. **25°50'17.848"** Long. **-80°07'57.490"** Horizontal Datum: NAD 1927 NAD 1983

A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.

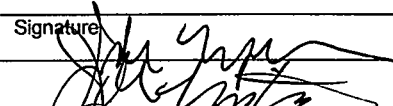
A7. Building Diagram Number **1**

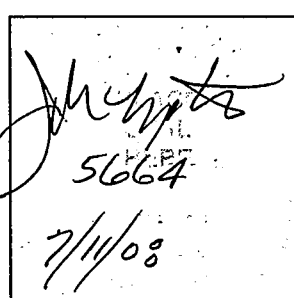
A8. For a building with a crawl space or enclosure(s), provide

a) Square footage of crawl space or enclosure(s) n/a sq ft	A9. For a building with an attached garage, provide:
b) No. of permanent flood openings in the crawl space or enclosure(s) walls within 1.0 foot above adjacent grade n/a	a) Square footage of attached garage 677.3 sq ft
c) Total net area of flood openings in A8.b n/a sq in	b) No. of permanent flood openings in the attached garage walls within 1.0 foot above adjacent grade 7
	c) Total net area of flood openings in A9.b 46.2 sq in

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION					
B1. NFIP Community Name & Community Number City of Miami Beach 120651		B2. County Name Miami-Dade		B3. State Florida	
B4. Map/Panel Number 12025C0182	B5. Suffix J	B6. FIRM Index Date January 20, 1993	B7. FIRM Panel Effective/Revised Date March 2, 1994	B8. Flood Zone(s) AE	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) 8
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9. <input type="checkbox"/> FIS Profile <input checked="" type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input type="checkbox"/> Other (Describe) _____					
B11. Indicate elevation datum used for BFE in Item B9: <input checked="" type="checkbox"/> NGVD 1929 <input type="checkbox"/> NAVD 1988 <input type="checkbox"/> Other (Describe) _____					
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Designation Date _____ <input type="checkbox"/> CBRS <input type="checkbox"/> OPA					

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)	
C1. Building elevations are based on: <input type="checkbox"/> Construction Drawings* <input type="checkbox"/> Building Under Construction* <input checked="" type="checkbox"/> Finished Construction <small>*A new Elevation Certificate will be required when construction of the building is complete.</small>	
C2. 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 C2.a-g below according to the building diagram specified in Item A7. Benchmark Utilized <u>See Section D</u> Vertical Datum <u>NGVD'29</u> Conversion/Comments <u>Equipment elevations is A/C unit metal stand above concrete pad.</u>	
Check the measurement used.	
a) Top of bottom floor (including basement, crawl space, or enclosure floor)	5.5 <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
b) Top of the next higher floor	5.9 <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
c) Bottom of the lowest horizontal structural member (V Zones only)	n/a <input type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
d) Attached garage (top of slab)	4.9 <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment in Comments)	7.8 <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
f) Lowest adjacent (finished) grade (LAG)	4.8 <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
g) Highest adjacent (finished) grade (HAG)	5.4 <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)

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 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.			
<input checked="" type="checkbox"/> Check here if comments are provided on back of form.			
Certifier's Name John Liptak	License Number 5664		
Title Professional Surveyor and Mapper	Company Name Triangle Surveying and Mapping		
Address 8609 NW 66th Street	City Miami	State FL	ZIP Code 33166
Signature 	Date July 11, 2008	Telephone 305-597-9701	




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
City Miami Beach State FL 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 Elevations are N.G.V.D.(1929) and are based on a Miami-Dade County Benchmark, Locator No. 3223 SW, Name D-132-R, Elevation = 8.23 feet. Described as a PK Nail and Brass Washer in concrete catch basin at SE corner of bridge. Located: 48 Street – 53' North of C/L. Alton Road – 31' East of C/L.

Equipment elevation is A/C unit metal stand above concrete pad.

Signature  Date 7/11/2008 Check here if attachments

SECTION E - BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zones AO and A (without BFE), complete Items E1-E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B, and C. For Items E1-E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

- E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).
 a) Top of bottom floor (including basement, crawl space, or enclosure) is _____ feet meters above or below the HAG.
 b) Top of bottom floor (including basement, crawl space, or enclosure) is _____ feet meters above or below the LAG.
- E2. For Building Diagrams 6-8 with permanent flood openings provided in Section A Items 8 and/or 9 (see page 8 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is _____ feet meters above or below the HAG.
- E3. Attached garage (top of slab) is _____ feet meters above or below the HAG.
- E4. Top of platform of machinery and/or equipment servicing the building is _____ feet meters above or below the HAG.
- E5. 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) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, 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, 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. Check the measurement used in Items G8. and G9.

- G1. The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by 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: _____ feet meters (PR) Datum _____
- G9. BFE or (in Zone AO) depth of flooding at the building site: _____ feet meters (PR) Datum _____

Local Official's Name	Title
Community Name	Telephone
Signature	Date
Comments	

Check here if attachments

Building Photographs

See Instructions for Item A6.

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 5800 North Bay Road	For Insurance Company Use: Policy Number
City Miami Beach State FL ZIP Code 33140	Company NAIC Number

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least two building photographs below according to the instructions for Item A6. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." If submitting more photographs than will fit on this page, use the Continuation Page, following.

Front View (7/11/2008)



Building Photographs

Continuation Page

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 5800 North Bay Road	For Insurance Company Use: Policy Number
City Miami Beach State FL ZIP Code 33140	Company NAIC Number
If submitting more photographs than will fit on the preceding page, affix the additional photographs below. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View."	

Rear View (7/11/2008)

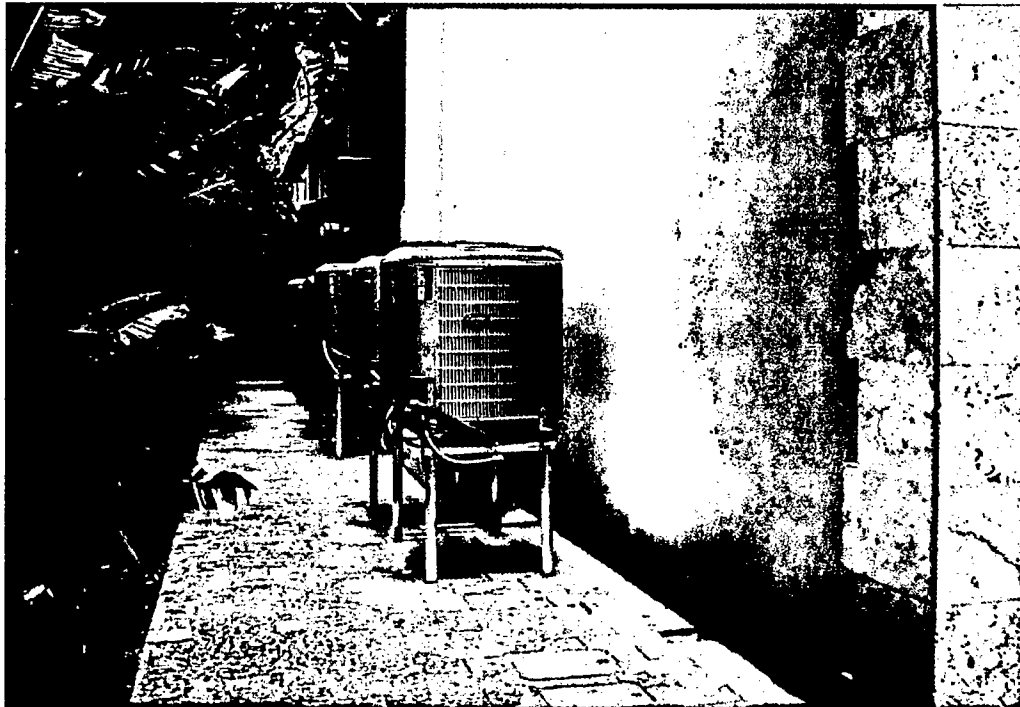


5800 North Bay Road, Miami Beach, FL 33140
Continuation Page – Building Photographs

Left View (7/11/2008)



A/C Unit (7/11/2008)



ELEVATION CERTIFICATE

OMB No. 1660-0008
Expires February 28, 2009

Important: Read the instructions on pages 1-8.

SECTION A - PROPERTY INFORMATION		For Insurance Company Use:
A1. Building Owner's Name Mark J. Gainor & W Elyse	Policy Number	
A2. 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 FL ZIP Code 33140		
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Lots 33 and 34, Block 1A, "LaGorce Golf Subdivision" as recorded in Plat Book 14, at Page 43 of the PR of MDC, Florida.		
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>Residential</u>		
A5. Latitude/Longitude: Lat. <u>25°50'17.848"</u> Long. <u>-80°07'57.490"</u>		Horizontal Datum: <input type="checkbox"/> NAD 1927 <input checked="" type="checkbox"/> NAD 1983
A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.		
A7. Building Diagram Number <u>1</u>		
A8. For a building with a crawl space or enclosure(s), provide		A9. For a building with an attached garage, provide:
a) Square footage of crawl space or enclosure(s) <u>n/a</u> sq ft	a) Square footage of attached garage <u>677.3</u> sq ft	
b) No. of permanent flood openings in the crawl space or enclosure(s) walls within 1.0 foot above adjacent grade <u>n/a</u>	b) No. of permanent flood openings in the attached garage walls within 1.0 foot above adjacent grade <u>7</u>	
c) Total net area of flood openings in A8.b <u>n/a</u> sq in	c) Total net area of flood openings in A9.b <u>46.2</u> sq in	

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number City of Miami Beach 120651		B2. County Name Miami-Dade		B3. State Florida	
B4. Map/Panel Number 12025C0182	B5. Suffix J	B6. FIRM Index Date January 20, 1993	B7. FIRM Panel Effective/Revised Date March 2, 1994	B8. Flood Zone(s) AE	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) 8

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9.
 FIS Profile FIRM Community Determined Other (Describe) _____

B11. Indicate elevation datum used for BFE in Item 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 _____ CBRS OPA

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. 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 C2.a-g below according to the building diagram specified in Item A7.
 Benchmark Utilized See Section D Vertical Datum NGVD'29
 Conversion/Comments Equipment elevations is A/C unit metal stand above concrete pad.

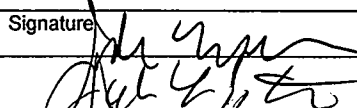
Check the measurement used.

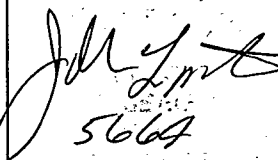
a) Top of bottom floor (including basement, crawl space, or enclosure floor),	<u>5.5</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
b) Top of the next higher floor	<u>5.9</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
c) Bottom of the lowest horizontal structural member (V Zones only)	<u>n/a</u>	<input type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
d) Attached garage (top of slab)	<u>4.9</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment in Comments)	<u>7.8</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
f) Lowest adjacent (finished) grade (LAG)	<u>4.8</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
g) Highest adjacent (finished) grade (HAG)	<u>5.4</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)

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 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.

Check here if comments are provided on back of form.

Certifier's Name John Liptak		License Number 5664	
Title Professional Surveyor and Mapper	Company Name Triangle Surveying and Mapping		
Address 8609 NW 66th Street	City Miami	State FL	ZIP Code 33166
Signature 	Date July 11, 2008	Telephone 305-597-9701	


5664
7/11/08

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
City Miami Beach State FL 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 Elevations are N.G.V.D.(1929) and are based on a Miami-Dade County Benchmark, Locator No. 3223 SW, Name D-132-R, Elevation = 8.23 feet. Described as a PK Nail and Brass Washer in concrete catch basin at SE corner of bridge. Located: 48 Street - 53' North of C/L. Alton Road - 31' East of C/L.

Equipment elevation is A/C unit metal stand above concrete pad.

Signature 

Date 7/11/2008

Check here if attachments

SECTION E - BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zones AO and A (without BFE), complete Items E1-E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B, and C. For Items E1-E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

- E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).
- a) Top of bottom floor (including basement, crawl space, or enclosure) is _____ feet meters above or below the HAG.
- b) Top of bottom floor (including basement, crawl space, or enclosure) is _____ feet meters above or below the LAG.
- E2. For Building Diagrams 6-8 with permanent flood openings provided in Section A Items 8 and/or 9 (see page 8 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is _____ feet meters above or below the HAG.
- E3. Attached garage (top of slab) is _____ feet meters above or below the HAG.
- E4. Top of platform of machinery and/or equipment servicing the building is _____ feet meters above or below the HAG.
- E5. 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) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, 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, 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. Check the measurement used in Items G8. and G9.

- G1. The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by 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: _____ feet meters (PR) Datum _____

G9. BFE or (in Zone AO) depth of flooding at the building site: _____ feet meters (PR) Datum _____

Local Official's Name _____ Title _____

Community Name _____ Telephone _____

Signature _____ Date _____

Comments _____

Check here if attachments

Building Photographs

See Instructions for Item A6.

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 5800 North Bay Road	For Insurance Company Use: Policy Number
City Miami Beach State FL ZIP Code 33140	Company NAIC Number

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least two building photographs below according to the instructions for Item A6. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." If submitting more photographs than will fit on this page, use the Continuation Page, following.

Front View (7/11/2008)



Building Photographs

Continuation Page

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 5800 North Bay Road	For Insurance Company Use:
City Miami Beach State FL ZIP Code 33140	Policy Number
If submitting more photographs than will fit on the preceding page, affix the additional photographs below. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View."	

Rear View (7/11/2008)

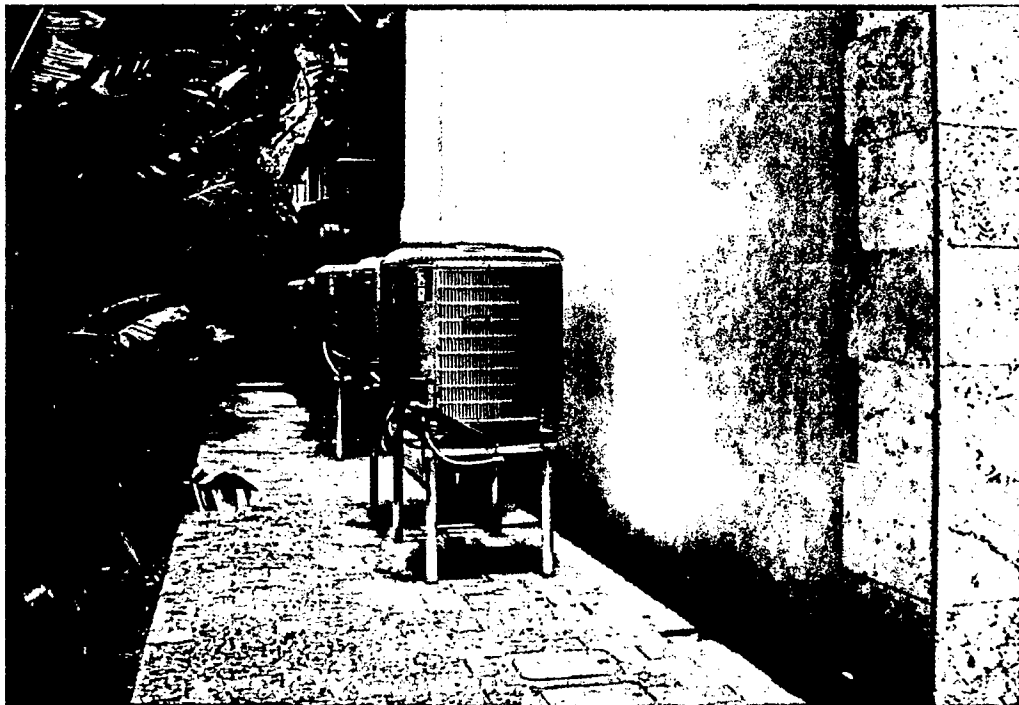


5800 North Bay Road, Miami Beach, FL 33140
Continuation Page – Building Photographs

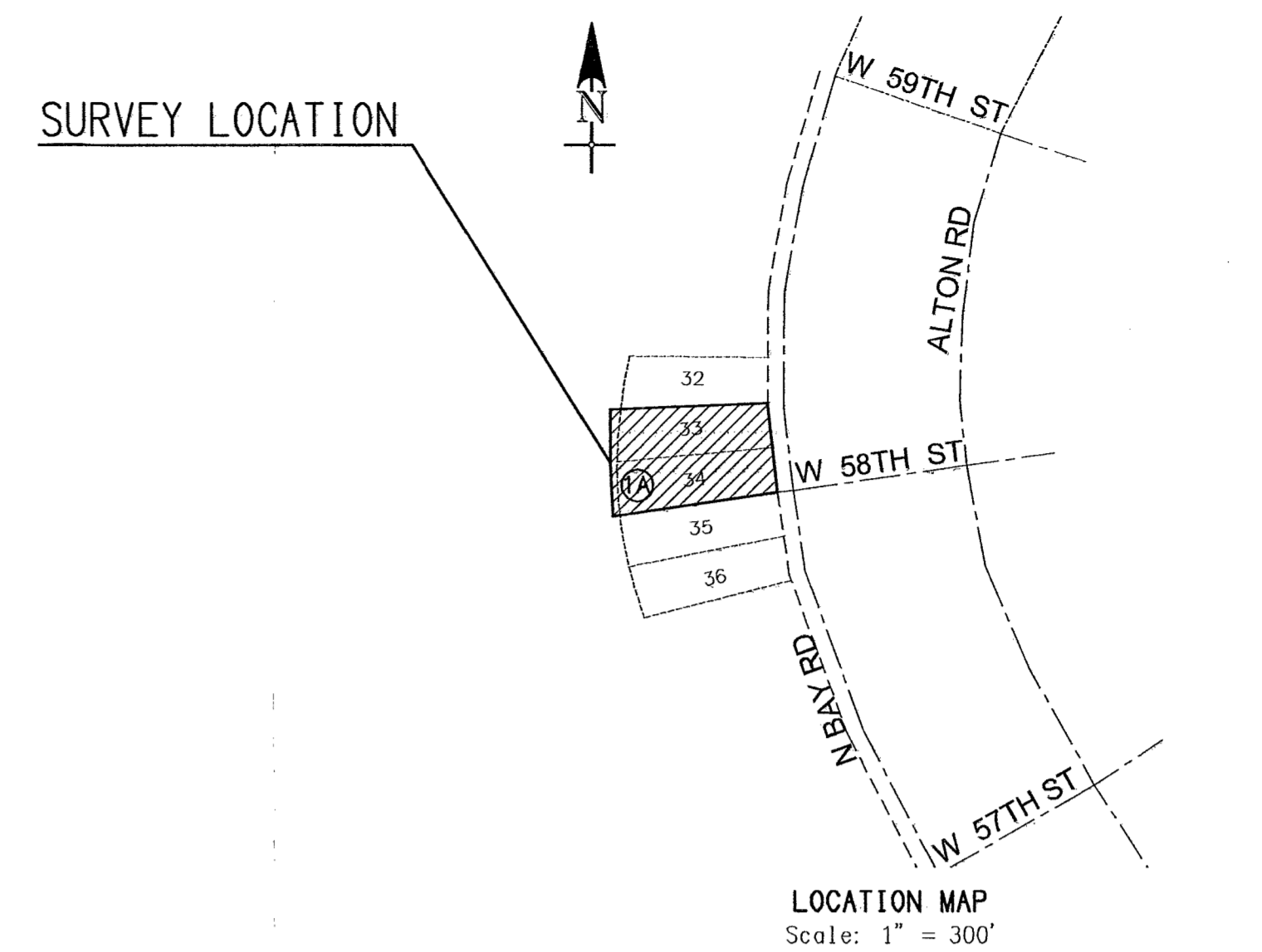
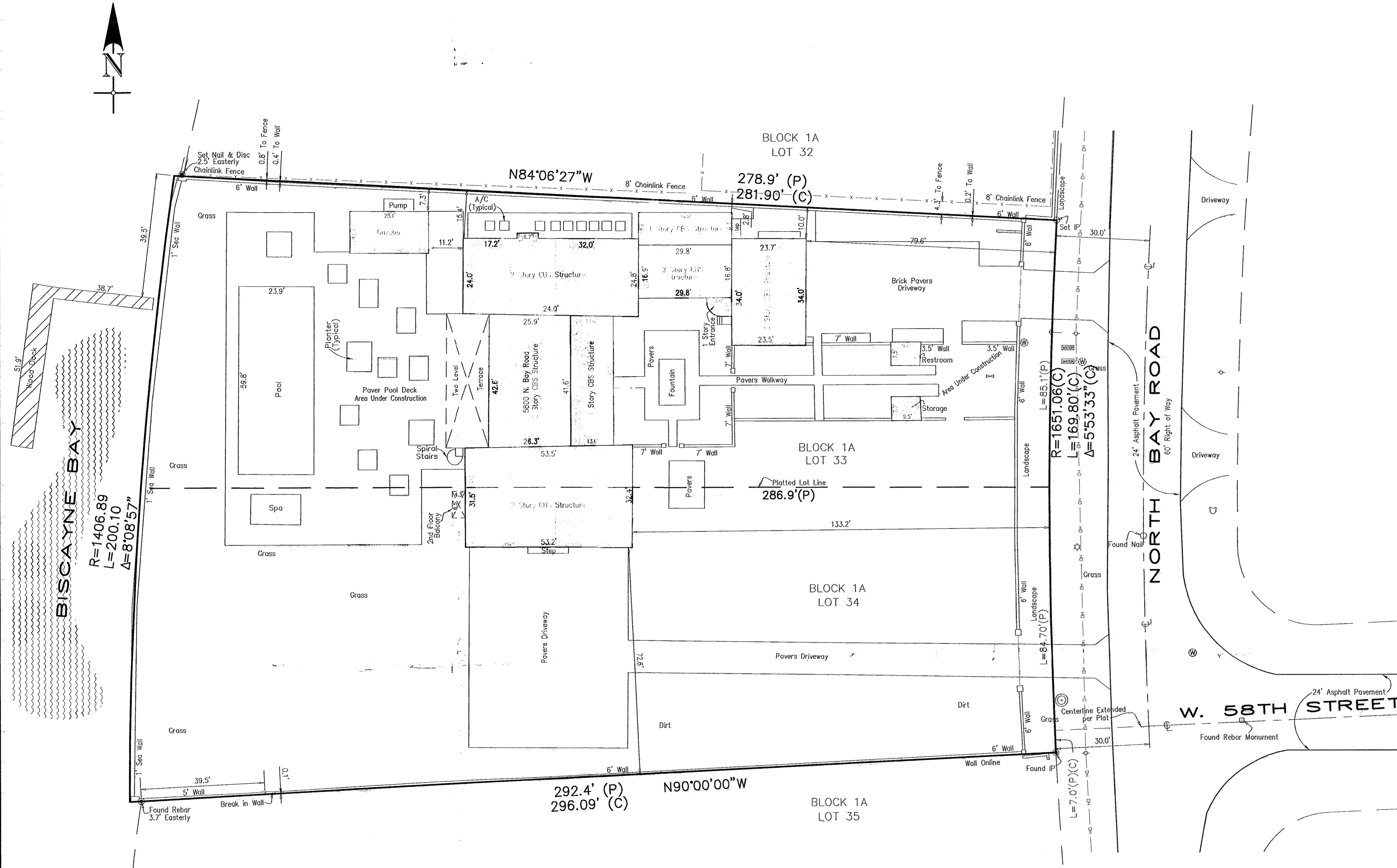
Left View (7/11/2008)



A/C Unit (7/11/2008)



Sketch of Boundary Survey



LEGAL DESCRIPTION:
 Lots 33 and 34, Block 1A, "LaGorce Golf Subdivision" as recorded in Plat Book 14, at Page 43 of the Public Records of Miami-Dade County, Florida.

SURVEYOR'S NOTES:
 No underground footings were located.
 The scope of this survey is to define the boundary lines as defined by the deed and referenced plots, and show all the above ground improvements.
 The client provided the legal description to this surveyor.
 No encroachments were noted by this survey, except as shown hereon. Any notorious evidence of occupation and/or use of the described parcel for Right-of-Way, Ingress or Egress is shown on this survey drawing. However, this survey does not purport to reflect any recorded instruments or Right-of-Way other than shown on the recorded plat or stated in the legal description as it appears on this drawing.
 The ownership of the fences and/or walls as shown hereon was not determined.
 Bearings shown are based on an assumed system whereby the south line of Lot 34, Block 1A, LaGorce Golf Subdivision" as recorded in Plat Book 14, at Page 43 of the Public Records of Miami-Dade County, Florida, Bears N 90°00'00" W from the Southeast corner of the aforementioned Lot 34.
 This survey is intended for the use of the parties to whom this survey is certified to and for. Any reproduction is not an original. This surveyor retains an original to verify these dated contents for validity.
 The National Flood Insurance Rate Map for Florida Community Panel No. 120651C 0182 J, FIRM Date 01/20/93 and Revised with an effective date of 03/02/94, published by the United States Department of Housing and Urban Development, delineates the described land to be situated with Zone "AE" with a base flood elevation of 8.
 This survey is based on platted information, recovered monumentation and occupation. The East/West Platted dimensions along the North line of said Lot 33 calls for 278.90 feet and the East/West Platted dimension along the South line of said Lot 34 calls for 292.40 feet; however the Westerly Lot lines are shown to be at the waters edge. Therefore the measured East/West dimensions reported are to the West face of the existing Seawall which is the Westerly Boundary line of the subject parcels by occupation.
 Differences are noted as compared to calculations from the record plat and are shown as plat, calculated, measured, record and/or deed.
 This sketch shown hereon in its graphic form, is the record depiction of the surveyed lands described herein and will in no circumstances be supplanted in authority by any other graphic or digital format of this Survey. This map is intended to be displayed at a scale of 1" = 20' or smaller. At the maximum intended displayed scale the survey and sketch's positional accuracy value occupies 1/20" on the display.

SURVEYOR'S CERTIFICATE:
 This is to certify to the herein named firm and/or persons that the "BOUNDARY SURVEY" of the herein described property is true and correct to the best of our knowledge and belief as surveyed and platted under our direction on August 8th, 2007. I further certify that this survey meets the Minimum Technical Standard Requirements as set forth in Rule 61G17-6 as adopted by the Florida Board of Professional Surveyors and Mappers pursuant to Chapter 472.027 Florida Statutes.

Triangle Surveying & Mapping, Inc.
 John Liptak
 Professional Surveyor and Mapper #5664
 State of Florida

- SYMBOL LEGEND**
- ⊙ Man Hole Sewer
 - ⊙ Wood Pole Electric
 - ⊙ Metal Light Pole
 - ⊙ Cable/TV Box
 - ⊙ Survey Point
 - ⊙ Water Meter
 - ⊙ Water Valve
 - ⊙ Guy Wire
 - ⊙ Fire Hydrant
 - ⊙ Catch Basin
 - ⊙ Center Line
 - ⊙ Irrigation Control Valve
 - ⊙ Column
 - ⊙ Type of Palm
 - ⊙ Type of Tree
 - ⊙ Palm Cluster
 - ⊙ Overhead Wire
- ABBREVIATIONS**
- DH Drill Hole
 - N&D Nail & Disk
 - PK&W PK nail & washer
 - IR Iron Rod
 - C Calculated
 - P Plat
 - D Deed
 - CBS Concrete Block Structure
 - POB Point of Beginning
 - FF Finished Floor
 - ⊙ Spot Elevation
 - TBM Temporary Bench Mark

Update Boundary Survey	DR	07/08/08
Set TBMs and additional elevations	mjr	2/29/2008

8609 NW 66th Street
 Miami, Florida, 33166
 305-597-9701
 LB 7388
 www.TRIANGLESM.com

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 Surveying & Mapping

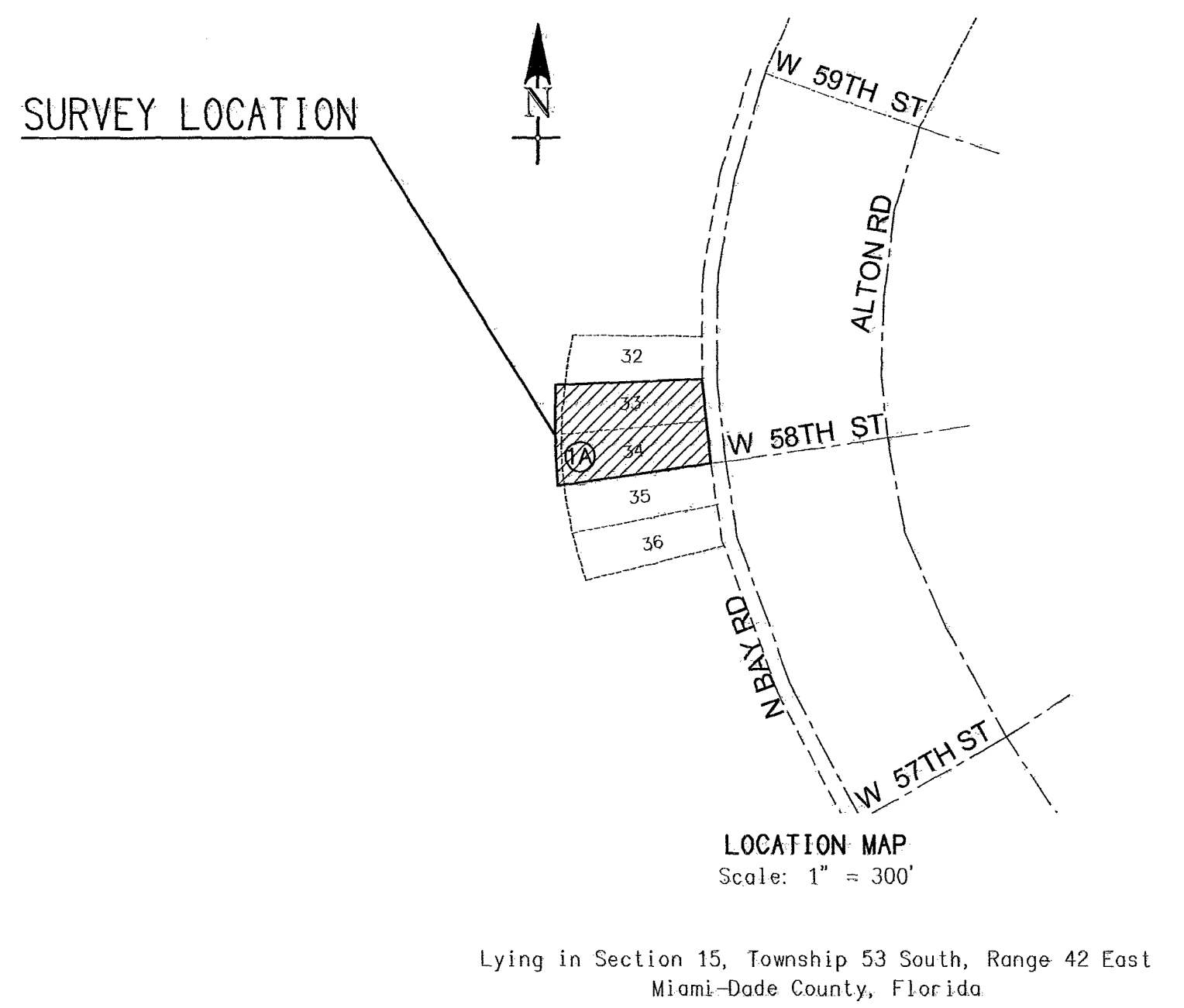
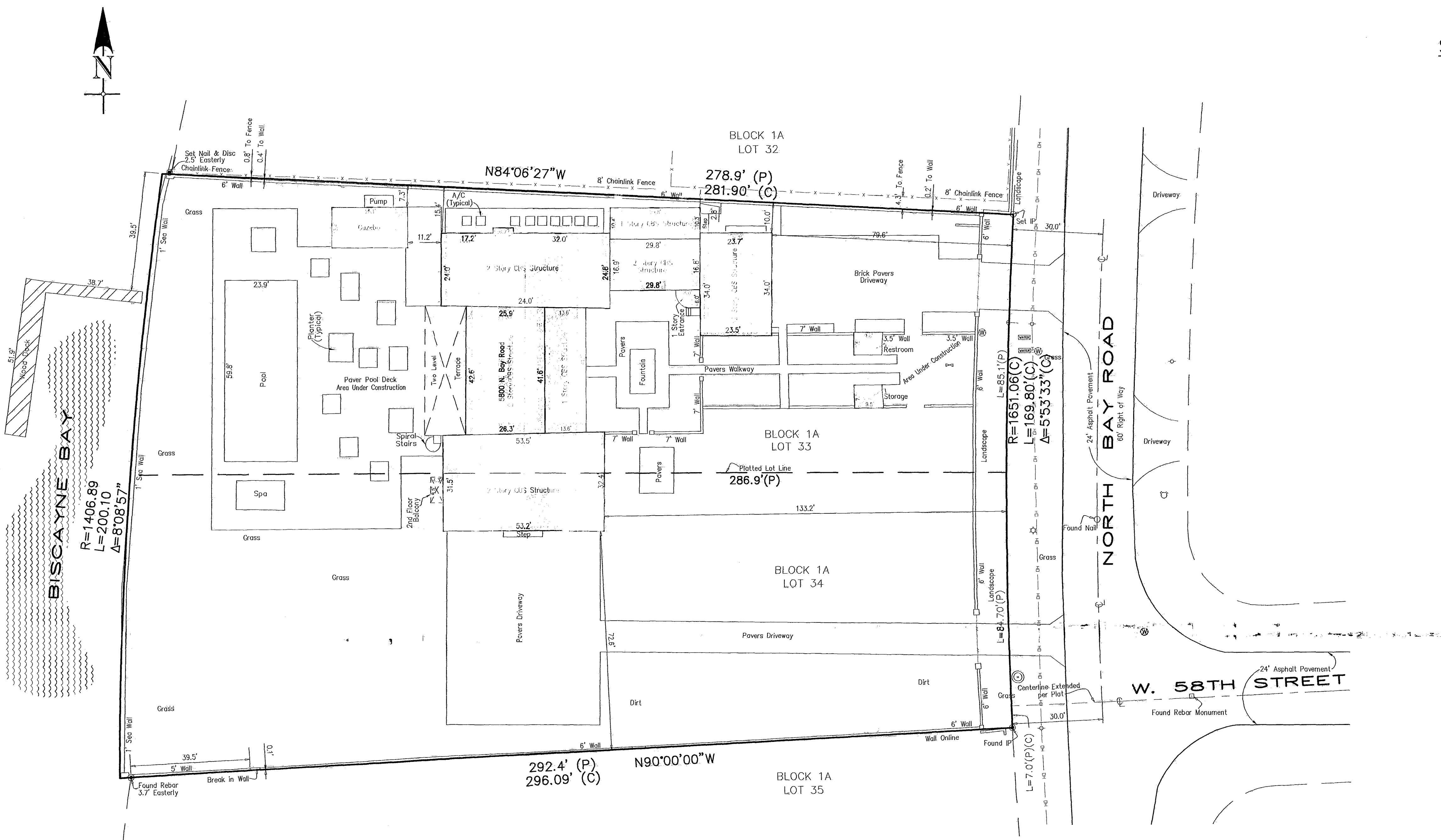
5800 N. Bay Road
Gainer

Reference:
 Sheet: 1 of 1
 Job No. 2327
 Sk. No. 1406

Date: 8/08/2007
 Scale: 1" = 20'

Not valid without the signature and original raised seal of a Florida licensed surveyor and mapper.

Sketch of Boundary Survey



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Triangle Surveying & Mapping, Inc.
 John L. Gainer
 Professional Surveyor and Mapper #5664
 State of Florida

Update Boundary Survey	DR	07/08/08
Set TBMs and additional elevations	mjr	2/29/2008

- SYMBOL LEGEND**
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 - Wood Pole Electric
 - Metal Light Pole
 - Cable/TV Box
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 - Water Meter
 - Water Valve
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TRIANGLE
 Surveying & Mapping

5800 N. Bay Road
 Gainer

Reference: 1406
 Sheet: 1 of 1
 Job No. 2327
 Date: 8/08/2007
 Drawn by: MJR
 F.B. 122
 Date: 8/08/2007
 Scale: 1" = 20'
 Not valid without the signature and original raised seal of a Florida licensed surveyor and mapper.

1406

Element: B0801495 Address: 5800 N BAY RD MBCH
 Status: APPLIED CONTRACTOR: FRAME-PRO CONSTRUCTION CORP
 Date: 01/17/2008 Back Stop

- Parcels
- People
- Events
- Trust Accounts
- Work Flow

Special Alerts For B0801495

Number	Type	Text
B0801495 **	Notice	Exterior door and rood tile under separate permit. Roof tile to be installed by

Type: **Notice** Entries marked by ** are currently in effect.

Text: Building Reviewer Notes:
 1-Exterior door under separate permit.
 2-Roof tile to be installed by roofing contractor under separate permit.

Entered By: Gladys Salas
 User Id: BUHLSALG Effective: 2/8/2008 Thru: 12/31/2020
 Entered: 2/8/2008

ToolBar Order

Inheritance Options
 Activities Inherit LHN

Planning Address: **10141** Permit No. **17600**
 No. **2800** Street **Bay Road** Date **Sept. 30, 1929**

Block **1-A** Subdivision **La Garce**
 General Contractor **Gunn & Goll**
 Architect **J. H. Bullen**

Address **Fire 10141**
 Stories **Use Res, Gar. Wall, and**
 Foundation **Piles & Concrete** **Mooring Piles**
 Roof

Front Depth Height
 Type of construction **Conc. Blk.** Cost **\$ 80,000.00**
7,000
87,000.00

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** **11430** Address Date **2-11-30**
 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 #77-066-01381

PERMIT # 24574 Painting - Fritz Painting Co. \$ 1,500. May 22, 1947
 # 45487 All American Sandblasting: Wet Sandblasting: \$940.00 August 12, 1951
 McDonald: 1 - 5 ton pkg air conditioner - 1500 - 8/22/57 O.K. Plaug Nov. 15, 1957
 Lang Roofing & Tile Co., Inc: Reroofing - \$2400- March 29, 1960
 Lang Roofing: Reroof - \$3800 - 11/13/61
 #88346-Edward G. Earnest-Fire damage(no structural) General repairs-\$7884.75-8-17-73
 #852-Andres Roofing-Repair barrel tile roof where leaking-\$500-8-2-77
 #23168 12/10/82 Southern State reroof 400 sq ft - \$900
 #M07155 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.
 #M08138 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
 #M04788 - 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

~~#48364 Ace Electric Service: 10 motors, 1 motor, 2-5hp Aug. 29, 1956 OK, re-iss 8/30/1956~~
 #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, re-iss 8/30/1956
 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, re-iss 10/15/56
 #50560 Astor Elec: 2 Appliance Outlets, 1 Center of Distrib, 2 Motors(1HP)-8/2/57
 #59471 Astor Elec: 1 Motor (1HP) - 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

CITY OF MIAMI BEACH OFFICE COPY

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

CITY OF MIAMI BEACH OFFICE COPY

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 BATH ROOM	\$1,000.00					58891375

CITY OF MIAMI BEACH OFFICE COPY

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

CITY OF MIAMI BEACH OFFICE COPY

THE GAINOR POOL CABANA

MIAMI BEACH, FLORIDA

PROJECT DESIGNER

LORRAINE LETENDRE ASSOCIATES
PROJECT DESIGNER
4020 FISHER ISLAND DRIVE
MIAMI BEACH, FLORIDA 33109-0972
305.534.1284

HANDCRAFT DESIGN, INC.
7610 NW 6th AVENUE
BOCA RATON, FLORIDA 33487
561.241.9911
561.241.7020 F

WEBER STUDIO, LLC.
KEY EXECUTIVE BUILDING
104 CRANSON BLVD., SUITE 422
KEY BISCAYNE, FL 33149
305-361-9935
305-361-9986 F

ARCHITECT

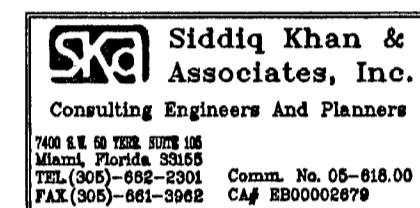


1234 WASHINGTON AVE., SUITE 207, MIAMI BEACH, FL 33139 T.305.531.5208 F.305.531.4515

CONTRACTOR

FRAME PRO CONSTRUCTION
1701 SW 150TH CT.
MIAMI, FLORIDA 33187
785.346.0232

ENGINEERING CONSULTANTS



1001 N.W. 10th St.
Miami, Florida 33136
Tel: 305-555-8888 Fax: 305-555-8888
Comm. No. 10-618-00
Caj. ID#00000879

ESI

ENERGY SCIENCES INC.
CONSULTING ENGINEERS
RESEARCH AND DESIGN, P.C.
MICH./ELEC. - #42454
1001 N.W. 10th St.
Miami, FL 33136
Tel: 305-446-9988
Fax: 305-446-9975
e-mail: info@esi.com

INDEX OF DRAWINGS

ARCHITECTURAL	SCALE
A.1.1 TITLE SHEET / PROJECT DATA / GENERAL NOTES	N/A
A.2.1 SITE PLAN	1/16" = 1'-0"
A.3.1 DEMO PLAN AND FIRST FLOOR PLAN	1/2" = 1'-0"
A.3.2 REFLECTED CEILING PLAN AND ELEVATIONS	1/2" = 1'-0"
A.3.3 SECTIONS AND DETAILS	AS NOTED
STRUCTURAL	
S.1.1 GENERAL NOTES / SPECIFICATIONS	AS NOTED
ELECTRICAL	
E.1.1 POWER AND LIGHTING PLAN, PANEL, NOTES	AS NOTED
MECHANICAL	
M.1.1 HVAC PLAN, NOTES, DETAILS	AS NOTED
PLUMBING	
P.1.1 PLUMBING PLAN, NOTES, DETAILS	AS NOTED
P.2.1 SANITARY AND WATER RISER	AS NOTED

LEGAL DESCRIPTION

LOTS 33 & 34, BLOCK 1A OF LAGORCE GOLF SUBDIVISION, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 14, PAGE 43, OF THE PUBLIC RECORDS OF MIAMI-DADE COUNTY, FLORIDA

SCOPE OF WORK:

This project consists of a Level 2 Renovation of an existing Pool Cabana. Reconfiguration of interior spaces, interior doors, and MEP systems are included. The work is reflected within these documents.

SITE AND BUILDING DATA CALCULATIONS

LOT AREA:	
TOTAL:	53,473 SF
BUILDING AREAS:	
FLOOR AREA:	325 SF
ZONING CLASSIFICATION: R3	
FLOOD ZONE:	
BASE FLOOD ELEVATIONS:	8.00 'AE' NGVD 29
EXISTING FIRST FLOOR:	5.42 T.O.S.
FEMA:	
APPRAISED VALUE (SEE ATTACHED):	\$73,900
VALUE OF PROPOSED WORK (SEE ATTACHED):	\$35,900

GENERAL DEMOLITION NOTES

- REMOVE ALL SPECIFIC ITEMS INDICATED ON THESE DRAWINGS AND ALSO REMOVE ANY OTHER ITEMS OR CONSTRUCTION AS REQUIRED TO ACHIEVE DESIRED RESULTS. TAKE CARE IN REMOVING ANY EXISTING STRUCTURAL AND/OR UTILITARIAN CONCEALED CONSTRUCTION. REPAIR OF DAMAGES TO THE EXISTING BUILDING DURING DEMOLITION RESULTING FROM LACK OF CARE AND DUE DILIGENCE IS THE COMPLETE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND MAY NOT BE CLAIMED AS MONETARY DAMAGES NOR AS TIME DELAYS AGAINST THE CONTRACT SUM OR CONTRACT TIME TO PERFORM THE WORK.
- ALL SALVAGEABLE MATERIAL & EQUIPMENT SHALL REMAIN THE PROPERTY OF THE OWNER. THE OWNER WILL PROVIDE A LOCATION FOR STORAGE OF SALVAGED ITEMS. OWNER TO PROVIDE A CONTAINER TO STORE AND ORGANIZE ALL EXISTING EQUIPMENT AND FIXTURES FOR REUSE. NON-SALVAGEABLE MATERIAL AND EQUIPMENT, I.E. CONSTRUCTION DEBRIS, SHALL BE DISPOSED OF OFF SITE IN A LEGAL AND SAFE MANNER, BY THE GENERAL CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.
- PROTECT EXISTING ADJACENT FINISH MATERIALS, CONSTRUCTION, FIXTURES, EQUIPMENT AND LANDSCAPING FROM DAMAGE DURING DEMOLITION WORK.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL CUTTING AND PATCHING IN ORDER TO ACCESS EXISTING PLUMBING, ELECTRICAL, MECHANICAL, AND STRUCTURAL CONDITIONS WITHIN CONCEALED SPACES. REPAIR ALL WORK THAT IS VISIBLE IN SUCH A MANNER SO AS TO LEAVE IT IN THE SAME OR BETTER CONDITION THAN BEFORE WORK COMMENCED.
- THE GENERAL CONTRACTOR SHALL SHUT DOWN ALL SERVICES SUCH AS ELECTRICAL, MECHANICAL AND PLUMBING PRIOR TO THE COMMENCEMENT OF WORK AS MAY BE REQUIRED THROUGHOUT DEMOLITION CONSTRUCTION.
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- THE GENERAL CONTRACTOR SHALL REMOVE/RELOCATE ANY EXISTING LANDSCAPING IN THE PATH OF NEW CONSTRUCTION PRIOR TO COMMENCEMENT OF WORK.
- ALL EXTERIOR WINDOWS, DOORS, & STORM SHUTTERS ARE TO BE REMOVED UNLESS OTHERWISE NOTED. REMOVE ALL RELATED BLOCKING & SHIM WORK.
- REMOVE, STORE, AND PROTECT ALL INTERIOR DOORS UNLESS OTHERWISE NOTED.
- REMOVE ALL WALL FINISHES AND ALL BUILT-IN CABINETRY.

GENERAL NOTES:

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- The G.C. is to maintain a safe site, clear of debris at all times.
- The G.C. and all subcontractors are to guarantee the quality of their work for a minimum period of one year in writing, to be submitted with the bid.
- All details and sections shown on these drawings are intended to be typical and shall be construed to apply to any similar situation elsewhere in the work except where a different detail is shown. It is the G.C.'s responsibility to foresee additional conditions prior to commencing the work and notify the Architect immediately for instruction.
- All assemblies referred to as fire-rated shall be a minimum of one hour unless otherwise indicated. All penetrations through any rated assembly shall be provided w/ approved penetration rated devices.
- The G.C. shall provide custom and multi-color paint selections for the owner's approval for all interior and exterior finishes.
- All hardware, lighting & bathroom fixtures and miscellaneous items not specifically called out on the drawings shall be provided by the owner.
- Attention is directed to provisions in AIA Document A201 "General Conditions", Article 4, regarding Contractor's responsibility in regards to shop drawings.
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- All shop drawings shall be submitted on 24" x 36" PAPER ONLY. Submit 4 (four) copies for approval. Truss drawings shall be at the same scale as that of the floor plan, and all shop drawings shall be sealed and signed by a registered Engineer, in order to be approved.
- The G.C. shall provide a telephone and telephone line at the job site. Cell phones are acceptable. The G.C. is responsible for its use.
- Contractor shall verify the location of any and all underground and overhead utility lines in the area of proposed work.
- Bury all utility lines (phone, water, electric, etc.) a minimum of 18" below grade. Seal

**48 HOURS PRIOR TO EXCAVATING
CONTRACTOR SHALL CALL FOR LOCATION
OF UNDERGROUND UTILITIES
SUNSHINE ONE-CALL 1-800-432-4770
CITY OF MIAMI BEACH 305-673-7080**

**PUBLIC WORKS
PLAN REVIEW NOTICE**
Phone 305-673-7080 Fax 305-673-7026

**THIS PLAN REVIEW CONSTITUTES APPROVAL FOR
OBTAINING BUILDING PERMITS ONLY.**

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

Permit Requirements: Proof of existing sidewalk/curb area conditions (pictures) and/or posting of sidewalk/roadway bonds (Public Works Inspection of the right-of-way will be required prior to final sign-off on the C.C., C.O., or the release of bonds.)

CAH-02-08-2008
Date: 02-08-2008



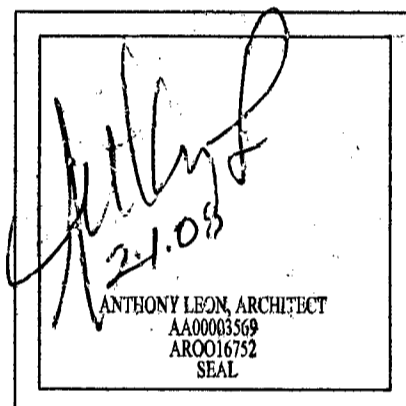
LOCATION SKETCH
(N.T.S.)

SHEET TITLE:	TITLE SHEET/ PROJECT DATA
DRAWN:	BJF
DATE:	8.30.07
REVISIONS:	DATE
	REVISION COMMENTS
	1.2.08

PERMIT SET 8.30.07



ANTHONY LEON ARCHITECT
ARCHITECT



THE GAINOR
RESIDENCE
5800 NORTH BAY ROAD
MIAMI BEACH, FLORIDA

8080-1495
NOTICE COPY
CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY
THE FOLLOWING:

BUILDING: [Signature]
ZONING: [Signature]
CONCURRENCY: [Signature]
PLUMBING: [Signature]
ELECTRICAL: [Signature]
MECHANICAL: [Signature]
FIRE PREVENTION: [Signature]
ENGINEERING: [Signature]
PUBLIC WORKS: [Signature]
STRUCTURAL: [Signature]
CESSIBILITY:
ELEVATOR

As per Florida Building Code Section 16-5.3
REVIEWED FOR CODE COMPLIANCE

A1.1

A3.3

1234 WASHINGTON AVE., SUITE 207, MIAMI BEACH, FL 33139 T.305.531.5208 F.305.531.4515

THE GAINOR POOL CABANA

MIAMI BEACH, FLORIDA

PROJECT DESIGNER

LORRAINE LETENDRE ASSOCIATES
PROJECT DESIGNER
4020 FISHER ISLAND DRIVE
MIAMI BEACH, FLORIDA 33109-0972
305.534.1384 c

HANDCRAFT DESIGN, INC.
7610 NW 66 AVENUE
DOCA HAYN, FLORIDA 33487
561.241.9911 o
561.241.7020 f

WEBER STUDIO, LLC
KEY EXECUTIVE BUILDING
104 CRANDON BLVD., SUITE 422
KEY BISCAYNE, FL 33149
305.561.9935 v
305.561.9966 f

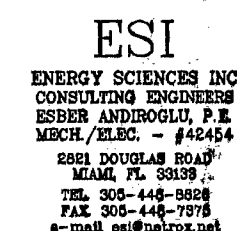
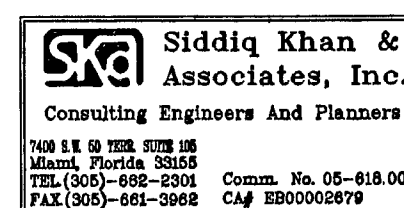
ARCHITECT



CONTRACTOR

FRAME PRO CONSTRUCTION
1703 NW 55TH CT
MIAMI, FLORIDA 33157
786.346.0932 o

ENGINEERING CONSULTANTS



INDEX OF DRAWINGS

	ARCHITECTURAL	SCALE
A1.1	TITLE SHEET / PROJECT DATA / GENERAL NOTES	N/A
A2.1	SITE PLAN	1/8" = 1'-0"
A3.1	DEMO PLAN AND FIRST FLOOR PLAN	1/2" = 1'-0"
A3.2	REFLECTED CEILING PLAN AND ELEVATIONS	1/2" = 1'-0"
A3.3	SECTIONS AND DETAILS	AS NOTED
STRUCTURAL		
S1.1	GENERAL NOTES/SPECIFICATIONS	AS NOTED
ELECTRICAL		
E1.1	POWER AND LIGHTING PLAN, PANEL, NOTES	AS NOTED
MECHANICAL		
M1.1	HVAC PLAN, NOTES, DETAILS	AS NOTED
PLUMBING		
P1.1	PLUMBING PLAN, NOTES, DETAILS	AS NOTED
P2.1	SANITARY AND WATER RISER	AS NOTED

LEGAL DESCRIPTION

LOTS 33 & 34, BLOCK 1A OF LAGORCE GOLF SUBDIVISION, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 14, PAGE 45, OF THE PUBLIC RECORDS OF MIAMI-DADE COUNTY, FLORIDA

SCOPE OF WORK:

This project consists of a Renovation of an existing Pool Cabana. The work is reflected within these documents.

SITE AND BUILDING DATA CALCULATIONS

LOT AREA:	
TOTAL:	53,473 SF
BUILDING AREAS:	
FLOOR AREA:	325 SF
ZONING CLASSIFICATION:	
	R3
FLOOD ZONE:	
BASE FLOOD ELEVATIONS:	8.00 "AE" NGVD 29
EXISTING FIRST FLOOR:	5.42 T.O.S.
FEMA:	
APPRAISED VALUE (SEE ATTACHED):	\$73,000
VALUE OF PROPOSED WORK (SEE ATTACHED):	\$35,900

GENERAL DEMOLITION NOTES

1. REMOVE ALL SPECIFIC ITEMS INDICATED ON THESE DRAWINGS AND ALSO REMOVE ANY OTHER ITEMS OR CONSTRUCTION AS REQUIRED TO ACHIEVE DESIRED RESULTS. TAKE CARE IN REMOVING ANY EXISTING STRUCTURAL AND/OR UTILITARIAN CONCEALED CONSTRUCTION. REPAIR OF DAMAGES TO THE EXISTING BUILDING DURING DEMOLITION RESULTING FROM LACK OF CARE AND DUE DILIGENCE IS THE COMPLETE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND MAY NOT BE CLAIMED AS MONETARY DAMAGES NOR AS TIME DELAYS AGAINST THE CONTRACT SUM OR CONTRACT TIME TO PERFORM THE WORK.

2. ALL SALVAGEABLE MATERIAL & EQUIPMENT SHALL REMAIN THE PROPERTY OF THE OWNER. THE OWNER WILL PROVIDE A LOCATION FOR STORAGE OF SALVAGED ITEMS. OWNER TO PROVIDE A CONTAINER TO STORE AND ORGANIZE ALL EXISTING EQUIPMENT AND FIXTURES FOR REUSE. NON-SALVAGEABLE MATERIAL AND EQUIPMENT, I.E. CONSTRUCTION DEBRIS, SHALL BE DISPOSED OF OFF SITE IN A LEGAL AND SAFE MANNER, BY THE GENERAL CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.

3. PROTECT EXISTING ADJACENT FINISH MATERIALS, CONSTRUCTION, FIXTURES, EQUIPMENT AND LANDSCAPING FROM DAMAGE DURING DEMOLITION WORK.

4. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL CUTTING AND PATCHING IN ORDER TO ACCESS EXISTING PLUMBING, ELECTRICAL, MECHANICAL, AND STRUCTURAL CONDITIONS WITHIN CONCEALED SPACES. REPAIR ALL WORK THAT IS VISIBLE IN SUCH A MANNER SO AS TO LEAVE IT IN THE SAME OR BETTER CONDITION THAN BEFORE WORK COMMENCED.

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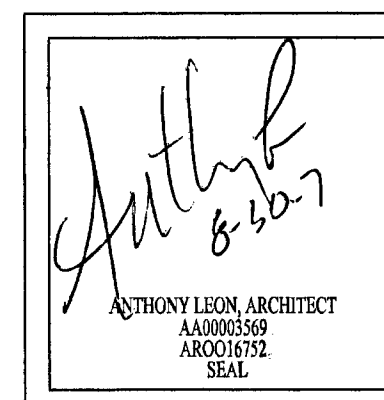
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33. Bury all utility lines (phone, water, electric, etc.) a minimum of 18" below grade. Seal

CONTACT:
LISA VAZQUEZ
305.318.3310

SHEET TITLE:	TITLE SHEET / PROJECT DATA
DRAWN:	BJF
DATE:	8.30.07
REVISIONS:	DATE

PERMIT SET 8.30.07



THE GAINOR RESIDENCE
5800 NORTH BAY ROAD
MIAMI BEACH, FLORIDA

8080.1495
OFFICE COPY
CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY
THE FOLLOWING:

BUILDING: _____
ZONING: _____
DRB/HPB: _____
CONCRETE: _____
PLUMBING: _____
ELECTRICAL: _____
MECHANICAL: _____
FIRE PREVENTION: _____
ENGINEERING: _____



LOCATION SKETCH
(N.T.S.)



1234 WASHINGTON AVE., SUITE #207 MIAMI BEACH, FL 33159 T.305.531.5208 F.305.531.4515

THE GAINOR POOL CABANA

MIAMI BEACH, FLORIDA

PROJECT DESIGNER

LORRAINE LETENDRE ASSOCIATES
PROJECT DESIGNER
40201 FISHER ISLAND DRIVE
MIAMI BEACH, FLORIDA 33109-0972
305.534.1384

HANDCRAFT DESIGN, INC.
7610 NW 68 AVENUE
BOCA RATON, FLORIDA 33487
561.241.9911
561.241.7020 F

WEBER STUDIO, LLC.
KEY EXECUTIVE BUILDING
104 CRANDON BLVD., SUITE 422
KEY BISCAYNE, FL 33149
305.361.9935
305.361.9986 F

ARCHITECT

3D DESIGN INC.
ARCHITECTURE
1234 WASHINGTON AVE., SUITE 207 MIAMI BEACH, FL 33139
305.531.4515

CONTRACTOR

FRAME PRO CONSTRUCTION
1701 SW 150TH CT.
MIAMI, FLORIDA 33187
786.346.0923

ENGINEERING CONSULTANTS

Ska Siddiq Khan & Associates, Inc.
Consulting Engineers And Planners
1101 N.E. 10th Street
Miami, Florida 33132
TEL: (305) 555-2301 Fax: (305) 555-2302
TEL: (305) 555-2302 Fax: (305) 555-2302

ESI
ENERGY SERVICES INC.
CONSULTING ENGINEERS
1101 N.E. 10th Street
Miami, Florida 33132
TEL: (305) 555-2301 Fax: (305) 555-2302
TEL: (305) 555-2302 Fax: (305) 555-2302

INDEX OF DRAWINGS

ARCHITECTURAL	SCALE
A1.1 TITLE SHEET / PROJECT DATA / GENERAL NOTES	N/A
A2.1 SITE PLAN	1/16" = 1'-0"
A3.1 DEMO PLAN AND FIRST FLOOR PLAN	1/2" = 1'-0"
A3.2 REFLECTED CEILING PLAN AND ELEVATIONS	1/2" = 1'-0"
A3.3 SECTIONS AND DETAILS	AS NOTED
STRUCTURAL	
S1.1 GENERAL NOTES / SPECIFICATIONS	AS NOTED
ELECTRICAL	
E1.1 POWER AND LIGHTING PLAN, PANEL, NOTES	AS NOTED
MECHANICAL	
M1.1 HVAC PLAN, NOTES, DETAILS	AS NOTED
PLUMBING	
P1.1 PLUMBING PLAN, NOTES, DETAILS	AS NOTED
P2.1 SANITARY AND WATER RISER	AS NOTED

LEGAL DESCRIPTION

LOTS 33 & 34, BLOCK 1A OF LAGORCE GOLF SUBDIVISION, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 14, PAGE 43, OF THE PUBLIC RECORDS OF MIAMI-DADE COUNTY, FLORIDA

SCOPE OF WORK:

This project consists of a Renovation of an existing Pool Cabana. The work is reflected within these documents.

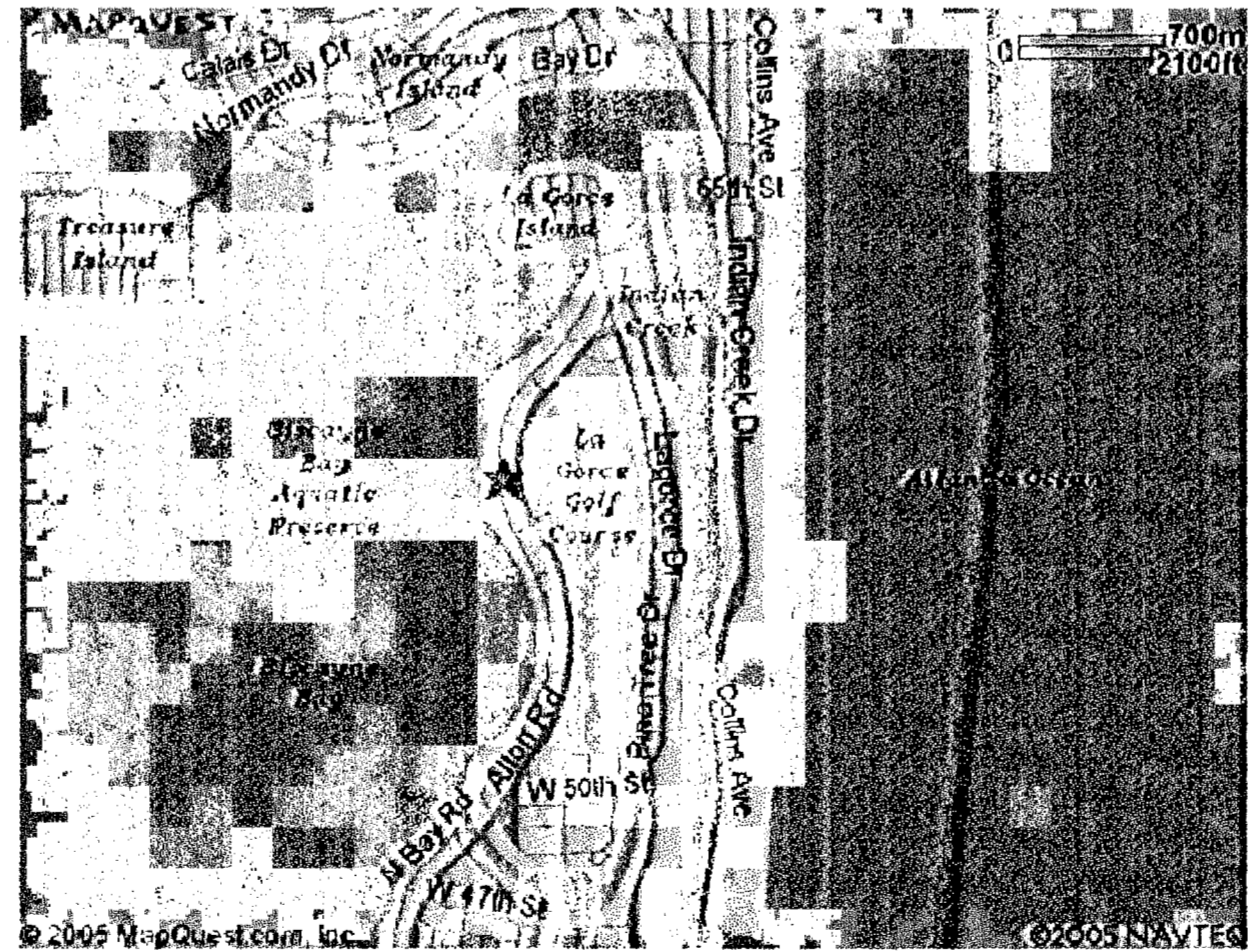
SITE AND BUILDING DATA CALCULATIONS

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FLOOR AREA:	325 SF
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FLOOD ZONE:	
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EXISTING FIRST FLOOR:	5.42 T.O.S.
FEMA:	
APPRAISED VALUE (SEE ATTACHED):	\$73,000
VALUE OF PROPOSED WORK (SEE ATTACHED):	\$35,000

GENERAL DEMOLITION NOTES

- REMOVE ALL SPECIFIC ITEMS INDICATED ON THESE DRAWINGS AND ALSO REMOVE ANY OTHER ITEMS OR CONSTRUCTION AS REQUIRED TO ACHIEVE DESIRED RESULTS. TAKE CARE IN REMOVING ANY EXISTING STRUCTURAL AND/OR UTILITARIAN CONCEALED CONSTRUCTION. REPAIR OF DAMAGES TO THE EXISTING BUILDING DURING DEMOLITION RESULTING FROM LACK OF CARE AND DUE DILIGENCE IS THE COMPLETE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND MAY NOT BE CLAIMED AS MONETARY DAMAGES NOR AS TIME DELAYS AGAINST THE CONTRACT SUM OR CONTRACT TIME TO PERFORM THE WORK.
- ALL SALVAGEABLE MATERIAL & EQUIPMENT SHALL REMAIN THE PROPERTY OF THE OWNER. THE OWNER WILL PROVIDE A LOCATION FOR STORAGE OF SALVAGED ITEMS. OWNER TO PROVIDE A CONTAINER TO STORE AND ORGANIZE ALL EXISTING EQUIPMENT AND FIXTURES FOR REUSE. NON-SALVAGEABLE MATERIAL AND EQUIPMENT, I.E. CONSTRUCTION DEBRIS, SHALL BE DISPOSED OF OFF SITE IN A LEGAL AND SAFE MANNER, BY THE GENERAL CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.
- PROTECT EXISTING ADJACENT FINISH MATERIALS, CONSTRUCTION, FIXTURES, EQUIPMENT AND LANDSCAPING FROM DAMAGE DURING DEMOLITION WORK.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL CUTTING AND PATCHING IN ORDER TO ACCESS EXISTING PLUMBING, ELECTRICAL, MECHANICAL, AND STRUCTURAL CONDITIONS WITHIN CONCEALED SPACES. REPAIR ALL WORK THAT IS VISIBLE IN SUCH A MANNER SO AS TO LEAVE IT IN THE SAME OR BETTER CONDITION THAN BEFORE WORK COMMENCED.
- THE GENERAL CONTRACTOR SHALL SHUT DOWN ALL SERVICES SUCH AS ELECTRICAL, MECHANICAL AND PLUMBING PRIOR TO THE COMMENCEMENT OF WORK AS MAY BE REQUIRED THROUGHOUT DEMOLITION/CONSTRUCTION.
- THE GENERAL CONTRACTOR SHALL HAVE ALL STRUCTURAL SHORING IN PLACE AND INSPECTED BY A FLORIDA LICENSED ENGINEER PRIOR TO THE REMOVAL OF ANY STRUCTURAL SYSTEMS/ELEMENTS.
- THE GENERAL CONTRACTOR SHALL VERIFY EXISTING ROOF BEARING PRIOR TO COMMENCEMENT OF ANY DEMOLITION.
- THE GENERAL CONTRACTOR SHALL VERIFY EXISTING CONCRETE BEAM & COLUMNS BEARING CONDITIONS PRIOR TO COMMENCEMENT OF ANY DEMOLITION.
- THE GENERAL CONTRACTOR SHALL REMOVE ALL PLUMBING, ELECTRICAL, MECHANICAL AND RELATED EQUIPMENT SYSTEMS NOT REQUIRED FOR RE-USE/RE-INSTALLATION. ANY EXISTING SYSTEMS WHICH MAY BE ABANDONED DURING THE COURSE OF THIS WORK SHALL BE PROPERLY TERMINATED AS PER FLORIDA BUILDING CODE.
- ELECTRICAL: REMOVE ALL ELECTRICAL FIXTURES, SWITCHES, & OUTLETS UNLESS OTHERWISE NOTED. REMOVE ALL CONDUIT AND ASSOCIATED SYSTEMS & ATTACHMENTS UNLESS OTHERWISE NOTED.
- MECHANICAL: REMOVE ALL CONDENSING & AIR HANDLING UNITS. REMOVE ALL DUCTWORK SYSTEMS & ATTACHMENTS UNLESS OTHERWISE NOTED.
- PLUMBING: REMOVE ALL PLUMBING FIXTURES & ASSOCIATED PIPING UNLESS OTHERWISE NOTED. REMOVE ALL ASSOCIATED SYSTEM ATTACHMENTS UNLESS OTHERWISE NOTED.
- REMOVE, STORE & PROTECT ALL APPLIANCES.
- THE GENERAL CONTRACTOR SHALL CONTROL THE AMOUNT OF DUST RESULTING FROM DEMOLITION BY ERECTING AND MAINTAINING "VISQUEEN" PARTITIONS ISOLATING THE AFFECTED AREAS.
- THE GENERAL CONTRACTOR SHALL REMOVE/RELOCATE ANY EXISTING LANDSCAPING IN THE PATH OF NEW CONSTRUCTION PRIOR TO COMMENCEMENT OF WORK.
- ALL EXTERIOR WINDOWS, DOORS, & STORM SHUTTERS ARE TO BE REMOVED UNLESS OTHERWISE NOTED. REMOVE ALL RELATED BLOCKING & SHIM WORK.
- REMOVE, STORE, AND PROTECT ALL INTERIOR DOORS UNLESS OTHERWISE NOTED.
- REMOVE ALL WALL FINISHES AND ALL BUILT-IN CABINETRY.

PUBLIC WORKS PLAN REVIEW NOTICE
Phone 305-673-7030 Fax 305-673-7028
THIS PLAN REVIEW CONSTITUTES APPROVAL FOR OBTAINING BUILDING PERMITS ONLY.
All construction and/or use of equipment in the right-of-way and/or easements, requires a separate Public Works Department permit prior to start of construction.
Permit Requirements: Proof of existing sidewalk and/or overhead conditions (pictures) and/or posting of sidewalk roadway bonds (Public Works Inspection of the right-of-way will be required prior to final sign-off on the C.C./C.O., or the release of bonds.)
Date: 01-17-2008



LOCATION SKETCH (N.T.S.)

GENERAL NOTES

- These documents, as instruments of service, are the property of Architect and may not be used or reproduced in any manner without expressed written consent.
- No deviations from these plans are to be made, in any way, without the expressed WRITTEN permission of the Architect. Alternate equipment may only be substituted with written approval of the Architect.
- The General Contractor (G.C.) is to provide, locate and build into the work all supplementary materials (inserts, anchors, angles, plates, openings, sleeves, hangers, slab depressions, pitches, etc.) as required to properly install, support, brace, and shore all building components within the scope of the project.
- It is not the intent of these documents to show every minor construction detail. The G.C. is expected to furnish and install all items required to complete all building systems and provide all necessary appurtenances for equipment to be placed in proper working order with quality craftsmanship without increasing the contract sum or contract completion date.
- The G.C. is to obtain all required permits for the construction, finishing and occupancy of the project.
- All work shall be performed in accordance with the latest edition of the Florida Building Code, City Ordinances, and County amendments (F.B.C.), latest edition.
- All work described in these documents must be performed by construction professionals licensed & insured in the state of Florida (F.B.C. required). All work shall be performed in accordance with the National Electric Code and F.B.C., latest edition.
- It is the intent of the Architect that this work conform with all requirements of the building authorities having jurisdiction over this type of construction and occupancy. The G.C. shall notify the Architect/Engineers of Record immediately if any discrepancies are encountered between the drawings and these requirements. Any discrepancies shall be resolved by the Architect, Inc./Engineer of Record prior to proceeding with the work.
- Structural Drawings shall be worked together with Architectural, Plumbing, Mechanical, and Electrical drawings to locate depressed slabs, slopes, drains, outlets, recesses, openings, registers, bolt/setting, sleeves, dimensions, etc. Discrepancies shall be brought to the attention of the architect before proceeding with any and all work.
- Do not read the drawings in scale. Refer to quoted dimensions only.
- The G.C. shall verify all dimensions and conditions at the job site before starting any work. Bring all discrepancies to the attention of the architect before beginning any work.
- The G.C. shall promptly notify the Architect in writing of the existence of any observed variations between the contract documents and the applicable codes or ordinances.
- All work done under the supervision of the G.C. shall be in a neat and workman-like manner in accordance with federal, state and local governing agencies having jurisdiction.
- The G.C. shall repair all damage to the existing building during construction resulting from lack of care and due diligence and may not claim monetary damages or time delays against the contract sum or contract completion date for that work.
- The G.C. shall coordinate and schedule the work of all trades to insure that the project is completed by the contract completion date.
- Prior to commencing work, the G.C. shall verify the location of all equipment to be removed/relocated. Removals shall be coordinated with the owner. If so directed, the G.C. may include any additional costs in the bid.
- The G.C. shall provide an on-site dumpster in a location coordinated with the owner for the disposal of removed material/construction debris. The dumpster shall be emptied periodically to prevent overflow and unsightly conditions.
- The G.C. shall provide the Architect with red-line as-built drawings for all field changes/additions to the work included in the drawings.
- The G.C. shall provide an itemized cost breakdown of all items and phases of construction at the time of bidding.
- The Architect is not responsible for construction means, methods, sequences, procedures, precautions or programs related to this project's construction.
- All work is to be plumb, aligned, square, and adequately supported. Fill all voids between components. All items that do not meet the Architect's satisfaction as to good trade practices and quality craftsmanship shall be removed and redone at the G.C.'s expense.
- The G.C. is to maintain a safe site, clear of debris at all times.
- The G.C. and all subcontractors are to guarantee the quality of their work for a minimum period of one year in writing, to be submitted with the bid.
- All details and sections shown on these drawings are intended to be typical and shall be construed to apply to any similar situation elsewhere in the work except where a different detail is shown. It is the G.C.'s responsibility to foresee additional conditions prior to commencing the work and notify the Architect immediately for instruction.
- All assemblies referred to as fire-rated shall be a minimum of one hour unless otherwise indicated. All penetrations through any rated assembly shall be provided w/ approved penetration rated device.
- The G.C. shall provide custom and multi-color paint selections for the owner's approval for all interior and exterior finishes.
- All hardware, lighting & bathroom fixtures and miscellaneous items not specifically called out on the drawings shall be provided by the owner.
- Attention is directed to provisions in AIA Document A201 "General Conditions", Article 4, regarding Contractor's responsibility in regards to shop drawings.
- The General Contractor shall review and approve the submitted shop drawing with the Contract Documents prior to submission to the Architect. Rejected shop drawing will be returned to the subcontractor for revision and re-submission. The Architect shall then review and approve the submitted shop drawing for design intent only. Rejected shop drawings will be returned to the subcontractor for revision and re-submission. Once approved by the Architect and contractor, the subcontractor shall submit the shop drawings to the City of Miami Beach Building Department for review and approval prior to any fabrication and installation.
- All shop drawings shall be submitted on 24" x 36" PAPER ONLY. Submit 4 (four) copies for approval. Truss drawings shall be at the same scale as that of the floor plan, and all shop drawings shall be sealed and signed by a registered Engineer, in order to be approved.
- The G.C. shall provide a telephone and telephone line at the job site. Cell phones are acceptable. The G.C. is responsible for its use.
- Contractor shall verify the location of any and all underground and overhead utility lines in the area of proposed work.
- Bury all utility lines (phone, water, electric, etc.) a minimum of 18" below grade. Seal

CONTACT:
LISA VAZQUEZ
305.318.3310

SHEET TITLE:	TITLE SHEET
PROJECT DATA:	PROJECT DATA
DRAWN:	BJF
DATE:	8.30.07
REVISIONS:	DATE:

PERMIT SET 8.30.07

3D DESIGN INC.
ANTHONY LEON ARCHITECT
ADDRESS:
ARCHITECTURE

Anthony Leon
ANTHONY LEON ARCHITECT
ADDRESS:
ARCHITECTURE
SEAL

THE GAINOR RESIDENCE
5800 NORTH BAY ROAD
MIAMI BEACH, FLORIDA

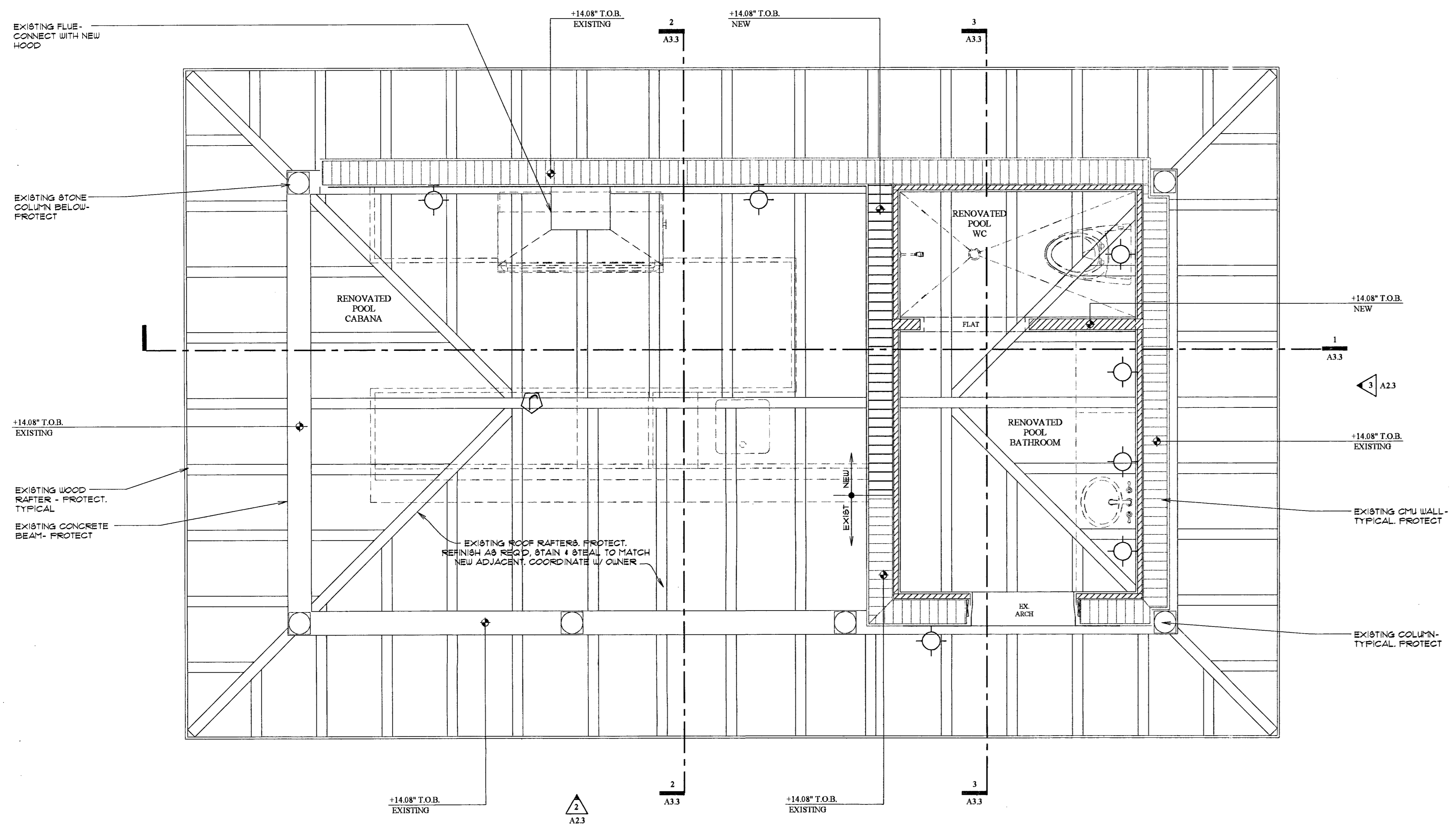
8080.1495
OFFICE COPY
CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY THE FOLLOWING:

BUILDING ZONING:
DRB/HPB:
CONCRETE:
PLUMBING:
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
ENGINEERING:
PUBLIC WORKS:
STRUCTURAL:
CEC/SPECIALTY:
LEVATOR:

As per Florida Building Code Section 104.5.3 REVIEWED FOR CODE COMPLIANCE

A1.1
A3.3

1234 WASHINGTON AVE., SUITE 207 MIAMI BEACH, FL 33139 T.305.531.4515 F.305.531.4515



1 REFLECTED CEILING PLAN
A3.2 1/2" = 1'

GENERAL NOTES

- NEW BARREL TILE ROOF MANUFACTURER: "ARTE ZANCA, INC" HANDMADE, ROUND END TERRACOTTA CLAY TILE. PROVIDE A DOUBLE END TILE @ ALL AREAS. TYPICAL. ALL ATTACHMENT APPLICATIONS AND FLASHING ARE TO MEET OR EXCEED FBC 2004. CONTRACTOR TO PROVIDE PRODUCT NOA TO THE BUILDING DEPARTMENT AND ARCHITECT FOR REVIEW AND APPROVAL. PRIOR TO ANY PURCHASE, FABRICATION, OR INSTALLATION. TWO LAYERS OF UNDERLAYMENT BELT, PARALLEL TO EACH OTHER AND SUCCESSIVE SHEETS FASTENED TO EXISTING IN PLACE W/ CORROSION-RESISTANT FASTENERS IN ACCORDANCE W/ FBC 2004 - R4404.7.8 AND MANUFACTURER INSTALLATION INSTRUCTIONS @ 36" O.C.
- NEW COPPER FLASHING IS TO BE INSTALLED AT ALL WALL AND ROOF INTERSECTIONS, GUTTERS, CHANGE IN ROOF SLOPE, ALL ROOF OPENINGS & EDGES TO MEET OR EXCEED FBC 2004. CONTRACTOR TO PROVIDE CORROSION-RESISTANT FASTENERS IN ACCORDANCE W/ MANUFACTURER INSTALLATION INSTRUCTIONS. COPPER TO BE A MINIMUM GAUGE OF 28 3/4 GAUGE. CONTRACTOR TO PROVIDE PRODUCT NOA TO THE BUILDING DEPARTMENT & ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO ANY PURCHASE, FABRICATION OR INSTALLATION.
- ALL NEW INTERIOR NON-BEARING PARTITIONS, FURRING CHANNELS, AND SKEFF FRAMING SHALL BE LIGHT GAUGE METAL FRAMING 1 1/2" X 3 1/2" OR 6" @ 16" O.C. PROVIDE BOTTOM AND TOP TRACKS W/ 1/2" SCREW @ 12" O.C. TYPICAL OR 1 1/2" TAPCON TO MASONRY. FIRE BLOCKING SHALL BE PROVIDED IN ACCORDANCE W/ FBC 2004 - 806.1.1. PROVIDE 1 X 2 TYPICAL. CONTINUOUS @ ALL FLOOR AND CEILING AREAS W/ 2" TAPCONS @ 12" O.C. TO MASONRY WALLS OR 2" WOOD SCREW @ PER STUD TYPICAL.
- ALL NEW MOISTURE RESISTANT GYPSUM WALLBOARD SHALL BE IN ACCORDANCE W/ FBC 2004 - 8702.6. SCREWS FOR ATTACHING TO SHEET GAUGE STEEL FRAMING SHALL BE TYPE S W A MAXIMUM SPACING OF 12" O.C. @ EDGES & INTERMEDIATE. SCREWS FOR ATTACHING GYPSUM BOARD TO WOOD FRAMING SHALL BE TYPE W OR TYPE S W A MAXIMUM SPACING OF 12" O.C. @ EDGES AND INTERMEDIATE. MINIMUM 1/2" PENETRATION. TYPICAL APPLICATIONS SHALL BE 1/2" MOISTURE RESISTANT GYPSUM WALL BOARD FOR ALL WALLS.
- NEW EXTERIOR STUCCO SHALL BE IN ACCORDANCE W/ FBC 2004 - 8703.6 AND APPLICATION STANDARDS OF ASTM C926. EXTERIOR STUCCO SHALL BLEND AND MATCH EXISTING TEXTURE, MINIMUM 3/4" THICK. EASE ALL EDGES @ ALL OPENINGS UNLESS OTHERWISE NOTED.

LIGHTING KEY	
NOT TO SCALE - NOT ALL SYMBOLS ARE USED	
	JUNCTION BOX
	2X2 RECESSED FLUORESCENT
	2X4 RECESSED FLUORESCENT
	RECESSED LINEAR FLUORESCENT
	RECESSED WALL LIGHT
	MOTION SENSOR. RUN LUTRON KEYPAD WIRE FROM SENSOR TO LOCAL 2 BUTTON KEYPAD.
	SCONCE
	CLOCK OUTLET
	1/2 SWITCHED DUPLEX OUTLET. ALWAYS SWITCH BOTTOM SOCKET.
	1/2 SWITCHED FLOOR OUTLET
	1/4 SWITCHED QUAD OUTLET.
	120V. CONSTANT POWER FOR CURTAIN MOTORS. RUN ONE CATS FROM MOTOR TO CONTROL.
	RUN 17 CONDUCTOR LUTRON QED WIRE FROM MOTOR TO QED PANEL.
	LINE VOLTAGE HIGH HAT
	LOW VOLTAGE HIGH HAT
	EXHAUST FAN. REMOTE LOCATION.
	120>24 VOLT MAGNETIC TRANSFORMER.
	LINEAR LOW VOLTAGE CLICK STRIP.
	LUTRON HOMEWORKS ZONE NUMBER.
	LUTRON HOMEWORKS KEYPAD. TYPICAL LOCATION IS 48" A.F.F. O.C. 8" O.C. IN FROM EDGE OF WALL. CONFIRM ELEVATIONS.
	LUTRON HOMEWORKS KEYPAD AND AV CONTROL KEYPAD IN TWO GANG DEEP BOX.

LUTRON KEYPAD WIRE LOOPS TO BE DISCUSSED ON SITE.

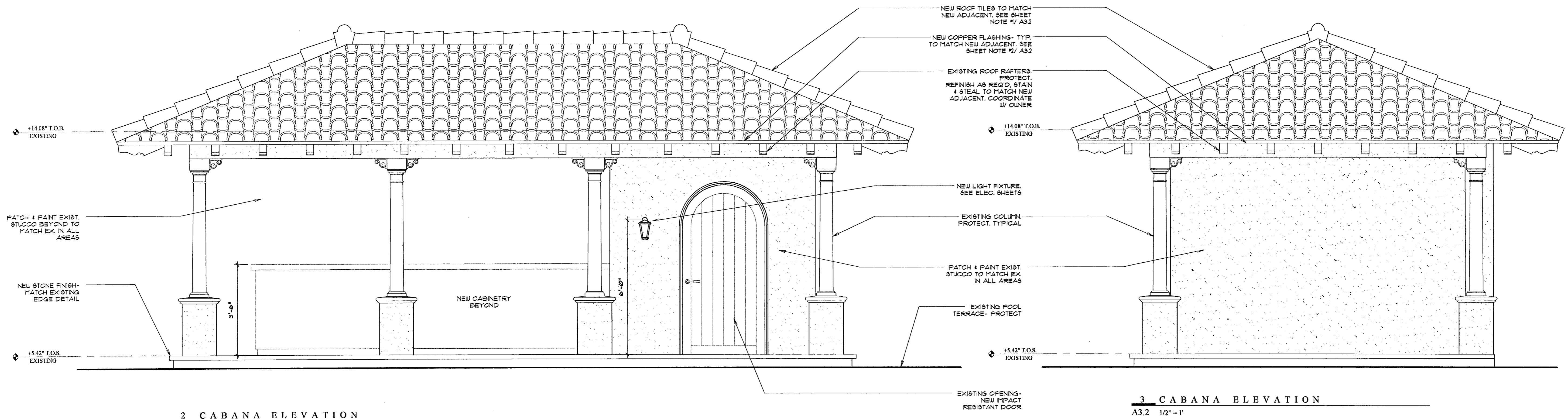
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DRAWN:	3D PLAN/ ELEVATIONS
DATE:	8.30.07
REVISIONS:	BIF
	MISC COMMENTS
	1.28.08

CABANA PERMIT SET 8.30.07

3D DESIGN INC
ANTHONY LEON ARCHITECTURE
1234 WASHINGTON AVE. SUITE 207 MIAMI BEACH, FL 33159 T.305.551.5208 F.305.551.4515

Anthony Leon
ANTHONY LEON ARCHITECT
ADDRESS 1234 WASHINGTON AVE SUITE 207 MIAMI BEACH, FL 33159
REGISTERED ARCHITECT

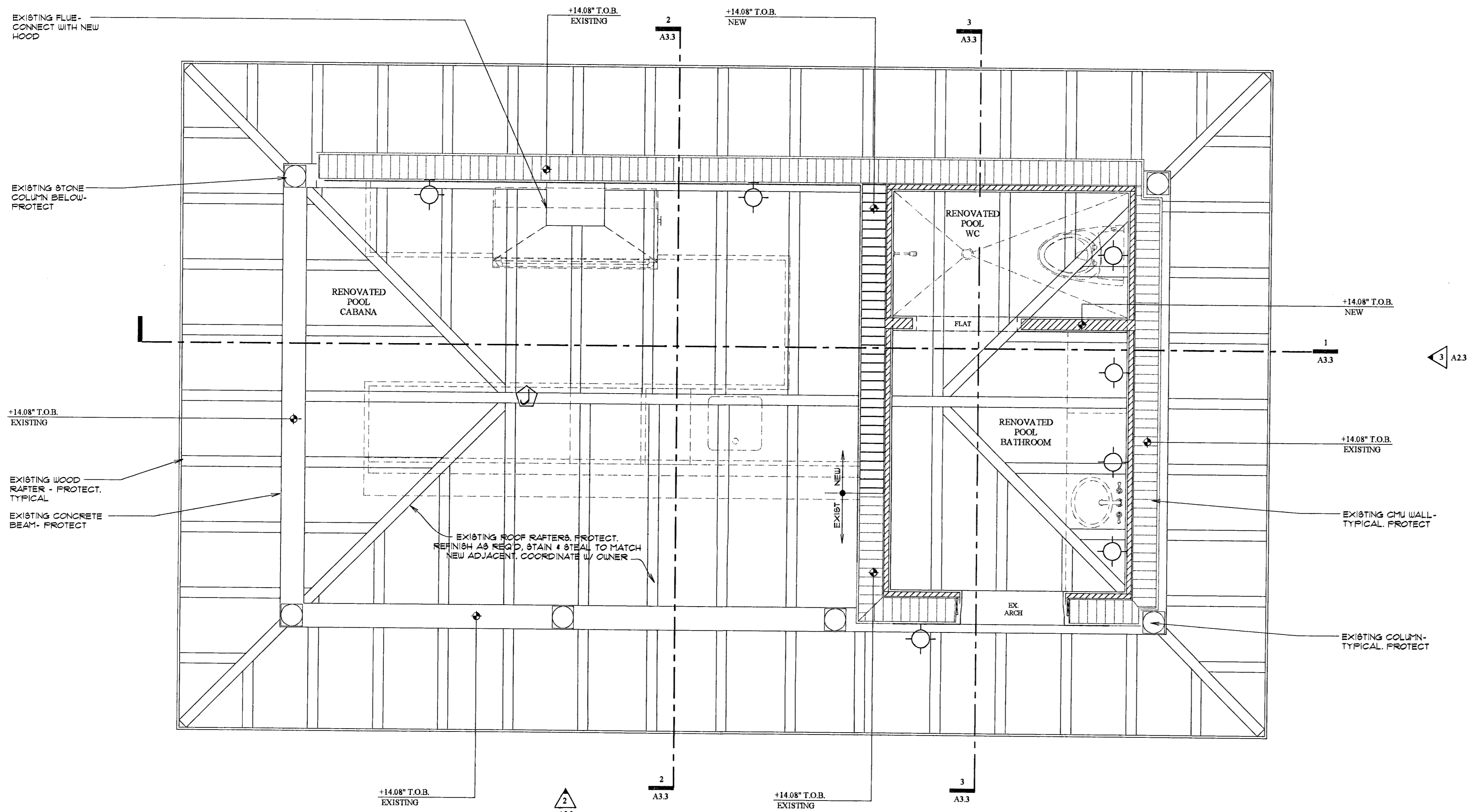
THE GAINOR RESIDENCE
5800 NORTH BAY ROAD
MIAMI BEACH, FLORIDA



2 CABANA ELEVATION
A3.2 1/2" = 1'

3 CABANA ELEVATION
A3.2 1/2" = 1'

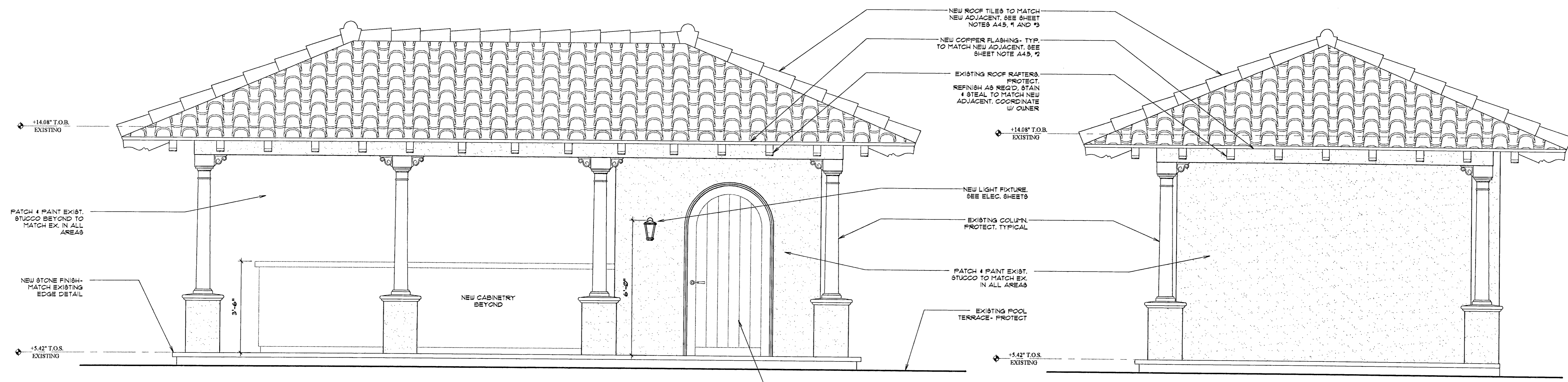
A3.2
A3.3



1 REFLECTED CEILING PLAN
A3.2 1/2" = 1'

LIGHTING KEY	
NOT TO SCALE - NOT ALL SYMBOLS ARE USED	
	JUNCTION BOX
	2X2 RECESSED FLUORESCENT
	2X4 RECESSED FLUORESCENT
	RECESSED LINEAR FLUORESCENT
	RECESSED WALL LIGHT
	MOTION SENSOR. RUN LUTRON KEYPAD WIRE FROM SENSOR TO LOCAL 2 BUTTON KEYPAD.
	SCONCE
	CLOCK OUTLET
	1/2 SWITCHED DUPLEX OUTLET. ALWAYS SWITCH BOTTOM SOCKET.
	1/2 SWITCHED FLOOR OUTLET
	1/4 SWITCHED QUAD OUTLET.
	120V. CONSTANT POWER FOR CURTAIN MOTORS. RUN ONE CAT5 FROM MOTOR TO CONTROL.
	RUN 1 7 CONDUCTOR LUTRON QED WIRE FROM MOTOR TO QED PANEL.
	LINE VOLTAGE HIGH HAT
	LOW VOLTAGE HIGH HAT
	EXHAUST FAN. REMOTE LOCATION.
	T.750 120>24 VOLT MAGNETIC TRANSFORMER.
	LINEAR LOW VOLTAGE CLICK STRIP.
	123 LUTRON HOMEWORKS ZONE NUMBER.
	LUTRON HOMEWORKS KEYPAD. TYPICAL LOCATION IS 48" A.F.F. O.C. 8" O.C. IN FROM EDGE OF WALL. CONFRM ELEVATIONS.
	[1X 18-4S YELLOW STRIPE - LUTRON]
	LUTRON HOMEWORKS KEYPAD AND AV CONTROL KEYPAD IN TWO GANG DEEP BOX. [1X 18-4S YELLOW STRIPE - LUTRON]

LUTRON KEYPAD WIRE LOOPS TO BE DISCUSSED ON SITE.



2 CABANA ELEVATION
A3.2 1/2" = 1'

3 CABANA ELEVATION
A3.2 1/2" = 1'

SHEET TITLE:	CABANA
DATE:	8.30.07
REVISIONS:	DATE:

3DESIGN INC.
ANTHONY LEON ARCHITECT
ARCHITECTURE

Anthony
ANTHONY LEON ARCHITECT
ARCHITECT
SEAL

THE GAINOR RESIDENCE
5800 NORTH BAY ROAD
MIAMI BEACH, FLORIDA

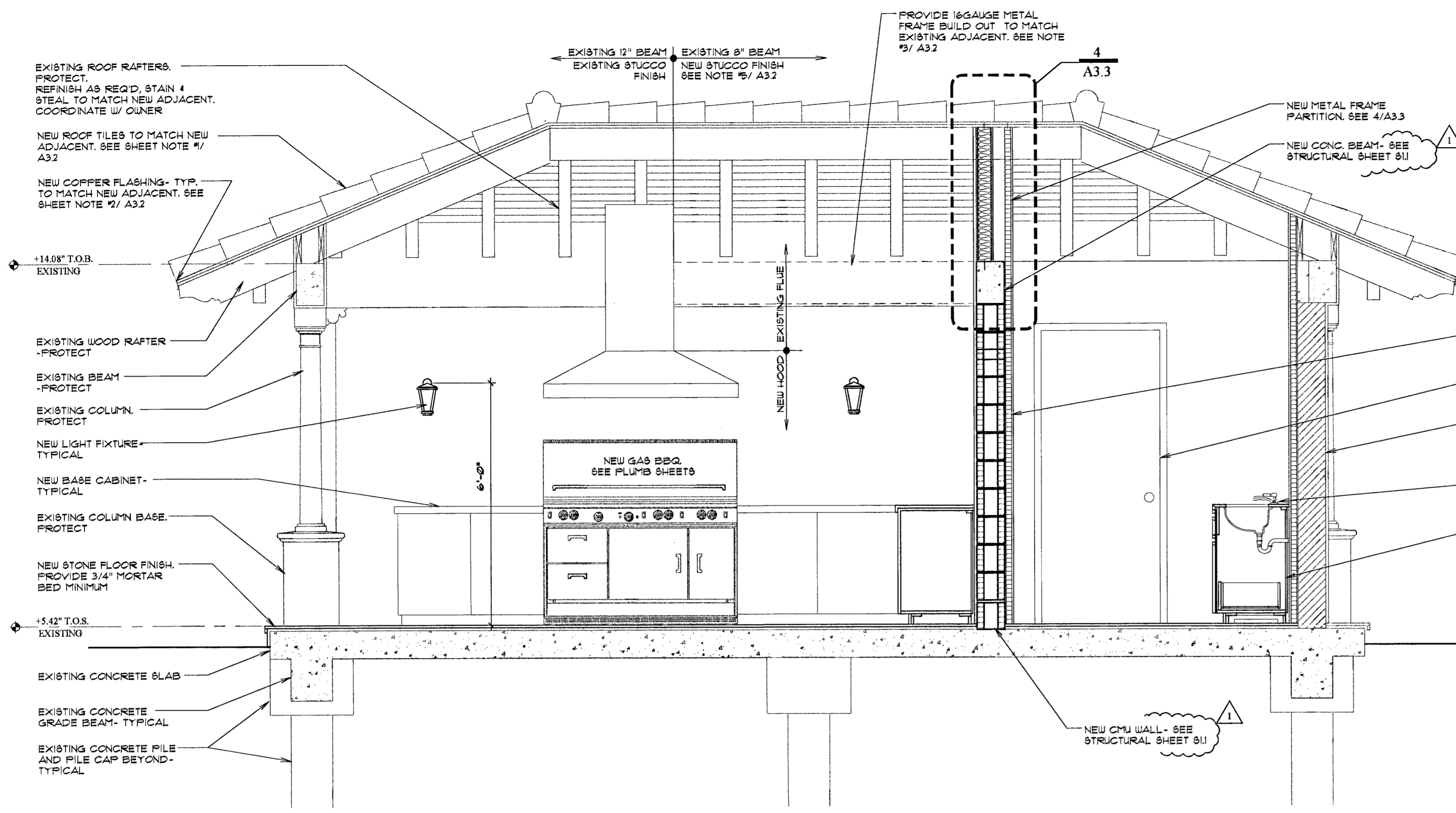
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zone: 2-1118/08

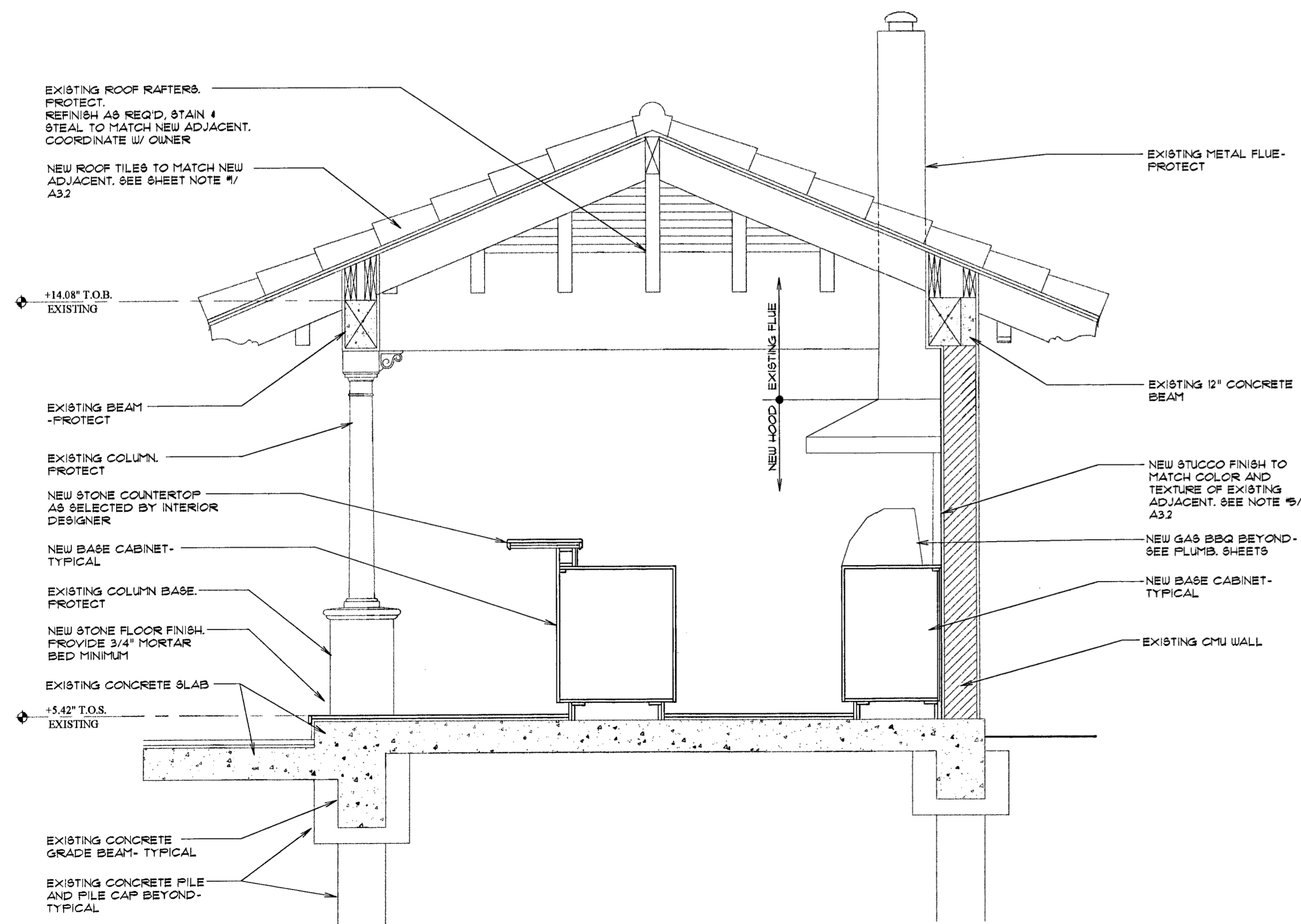
A3.2
A3.3

1234 WASHINGTON AVE. SUITE #207 MIAMI BEACH, FL 33139 T:305.551.5208 F:305.551.4515

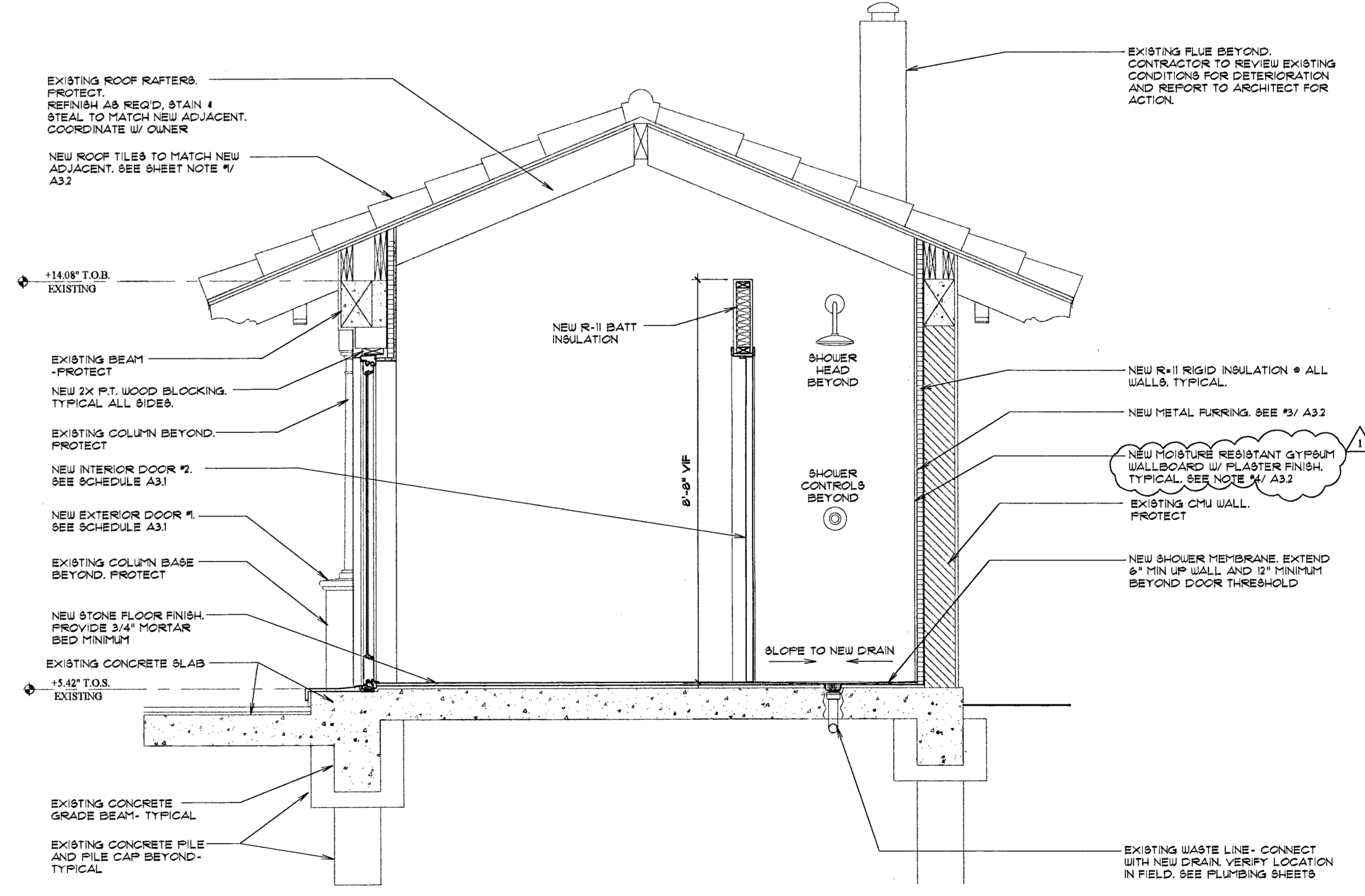
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DRAWN: DJF	DATE: 8.30.07
REVISIONS:	DATE:
1	12.18



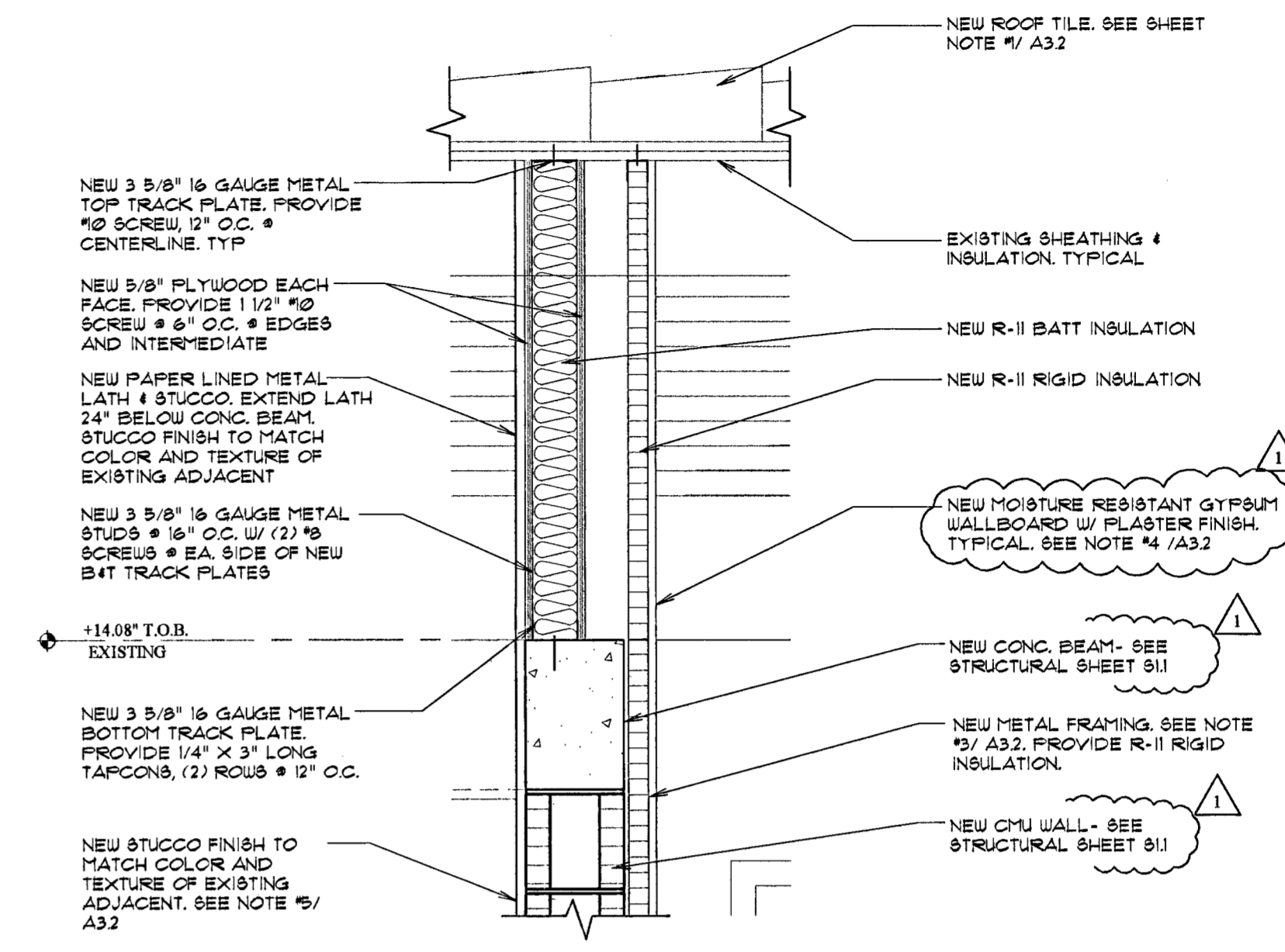
1 CABANA ELEVATION
A3.3 1/2" = 1'



2 CABANA ELEVATION
A3.3 1/2" = 1'



3 CABANA ELEVATION
A3.3 1/2" = 1'



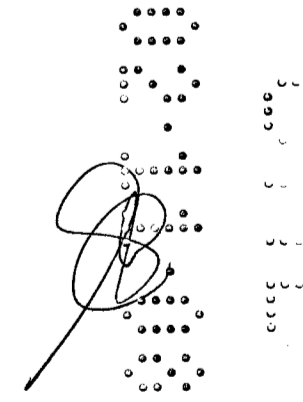
4 WALL DETAIL
A3.3 1" = 1'-0"

CABANA PERMIT SET 8.30.07

3D DESIGN INC.
ANTHONY LEON ARCHITECTURE
1234 WASHINGTON AVE. SUITE 207 MIAMI BEACH, FL 33139 T:305.351.5208 F:305.351.4515

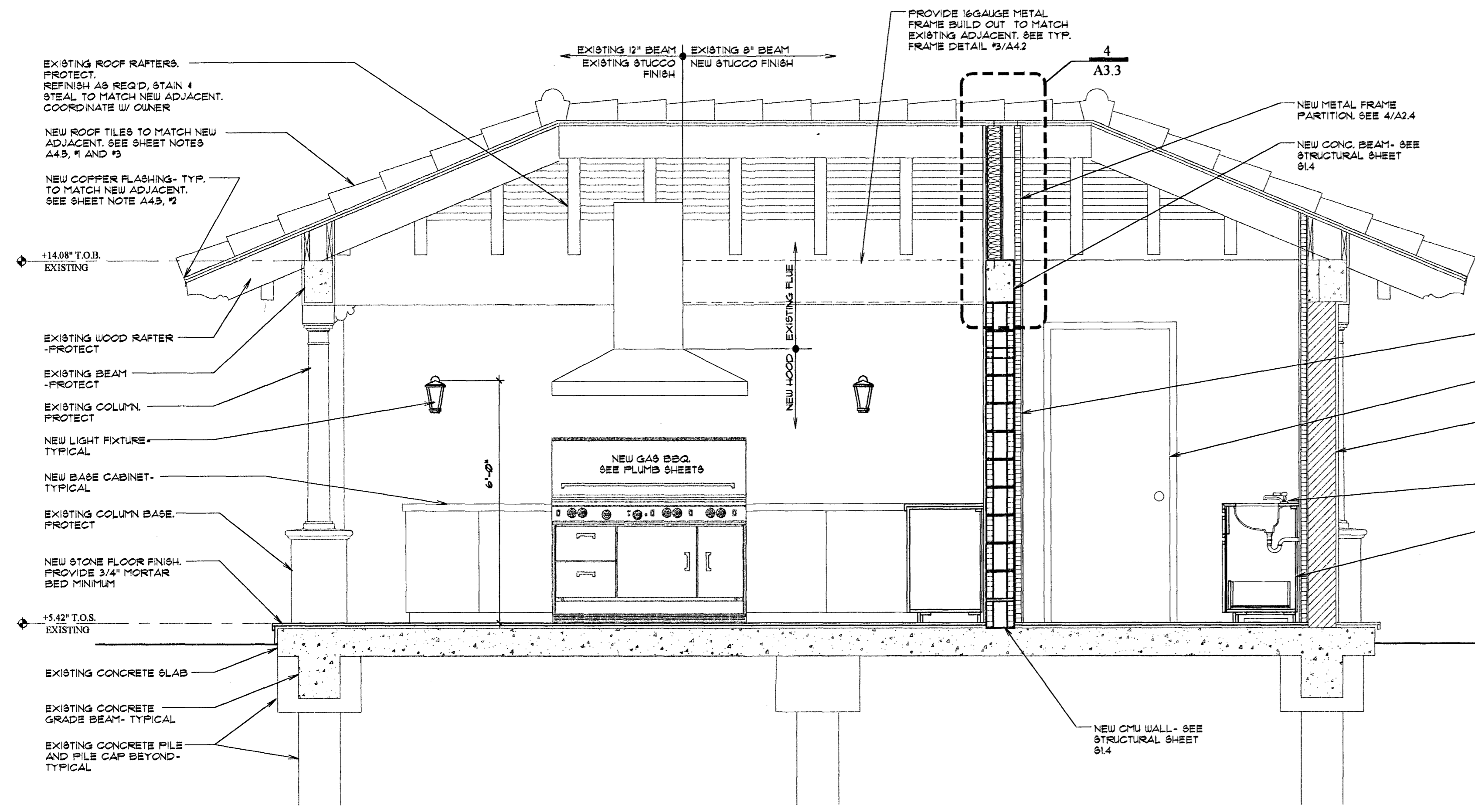
Anthony Leon
2.1.08
ANTHONY LEON ARCHITECT
ARCHITECT SEAL

THE GAINOR RESIDENCE
5800 NORTH BAY ROAD
MIAMI BEACH, FLORIDA

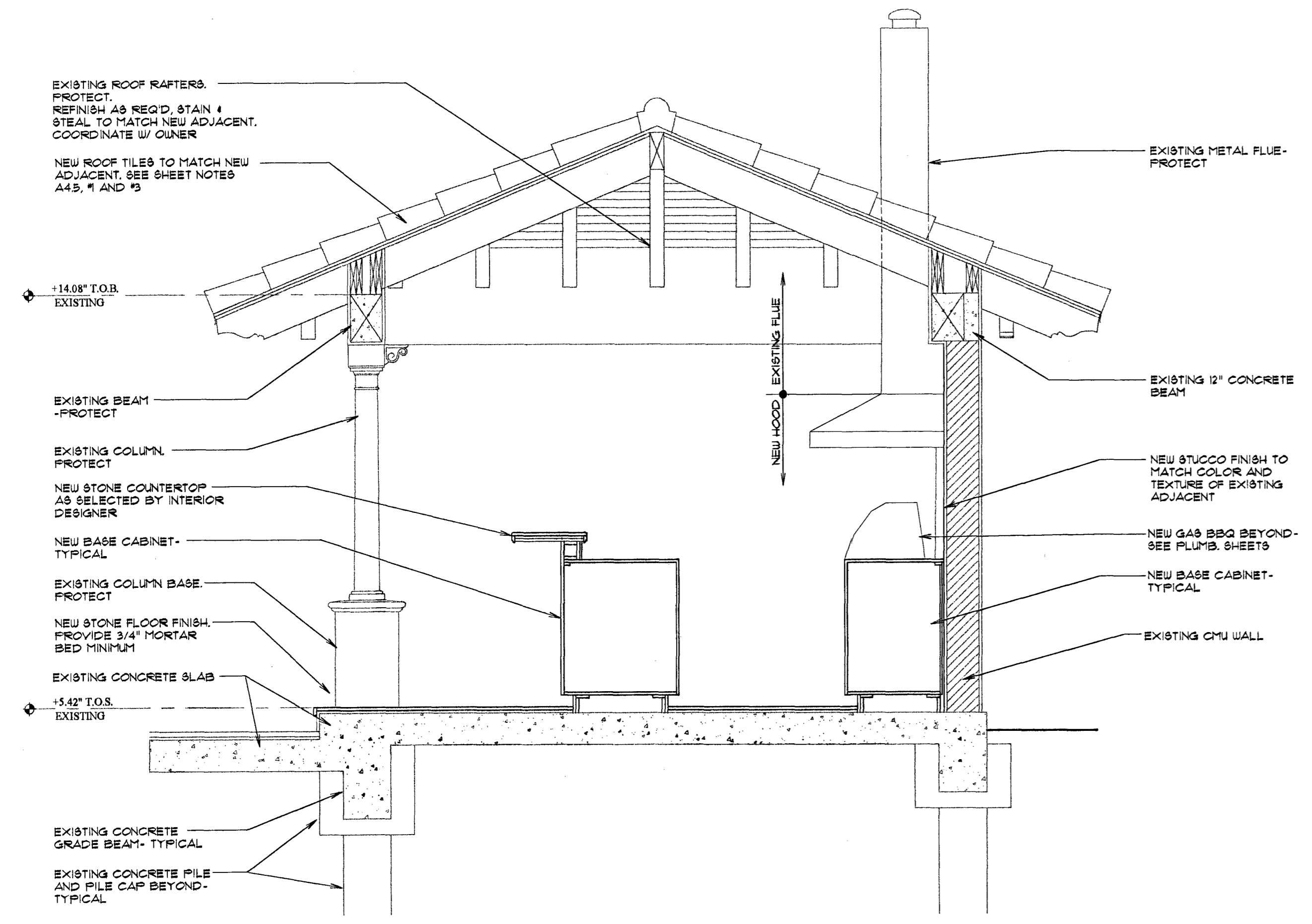


A3.3
A3.3

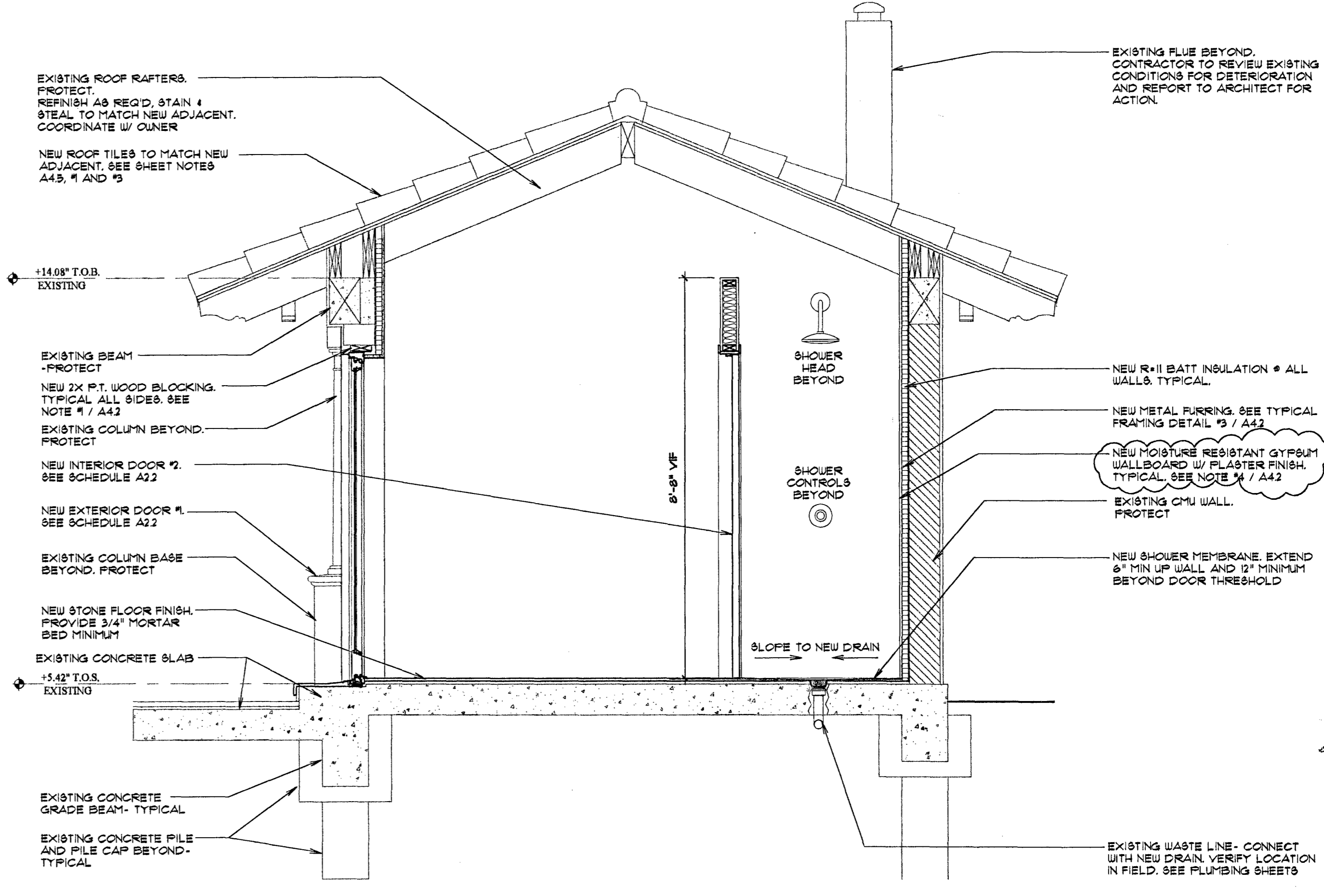
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DRAWN:	BJF
DATE:	8.30.07
REVISIONS:	DATE
	MINOR COMMENTS
	1.28.08



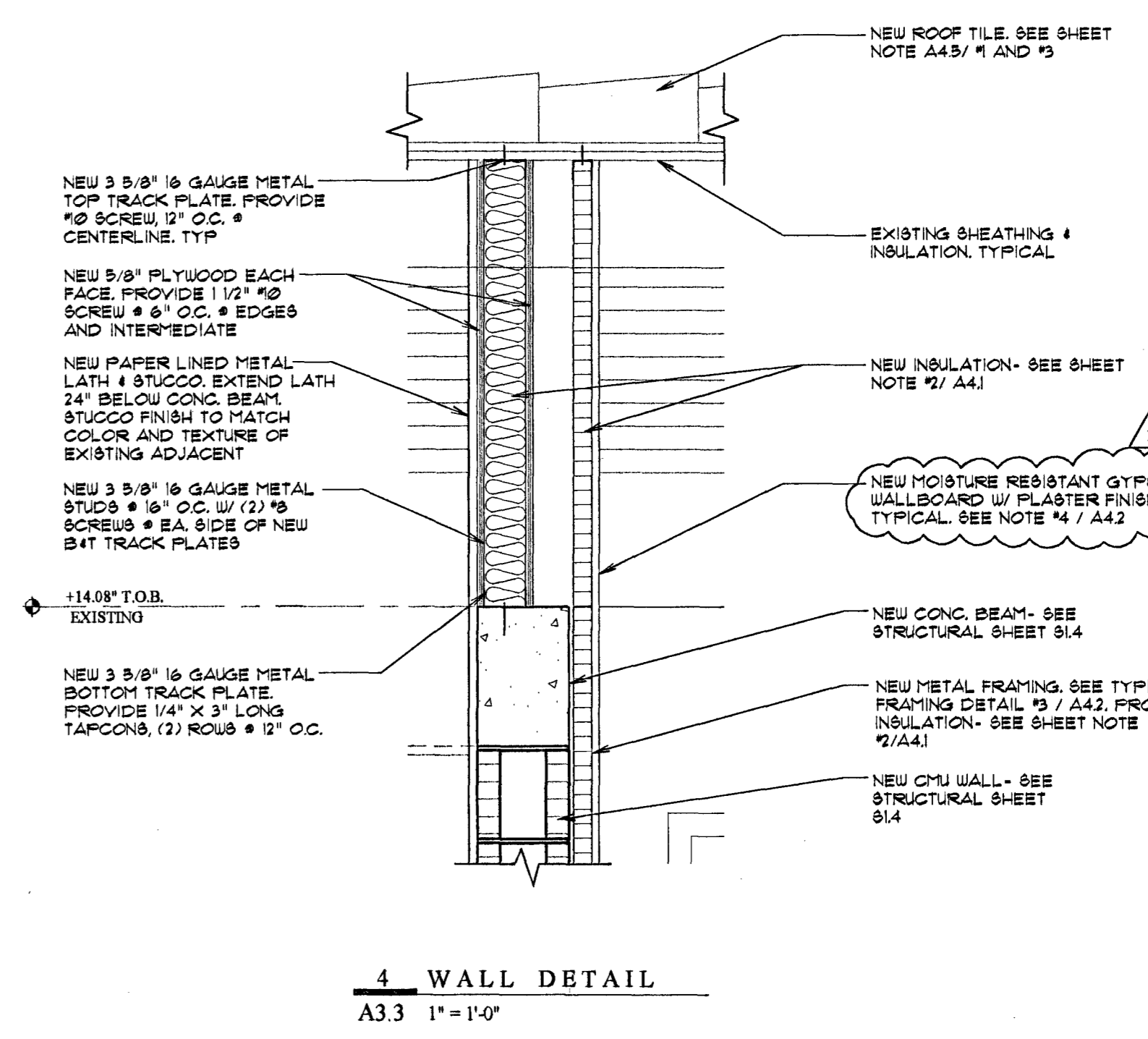
1 CABANA ELEVATION
A3.3 1/2"=1'



2 CABANA ELEVATION
A3.3 1/2"=1'



3 CABANA ELEVATION
A3.3 1/2"=1'



CABANA PERMIT SET 8.30.07

3D DESIGN INC.
ANTHONY LEON ARCHITECT
ARCHITECTURE

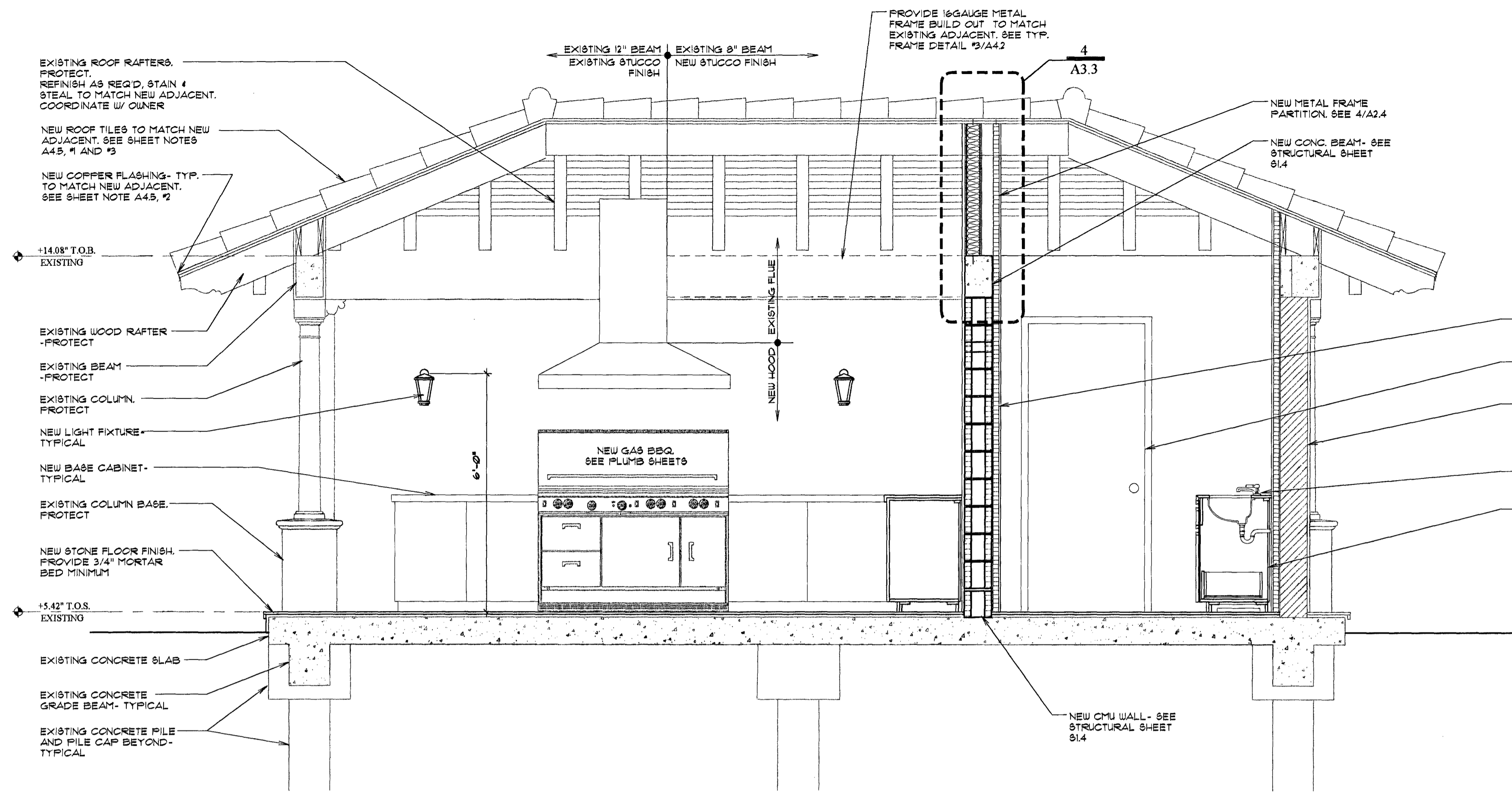
1234 WASHINGTON AVE., SUITE 207 MIAMI BEACH, FL 33159 (305) 551-5208 (305) 551-4515

ANTHONY LEON ARCHITECT
ARCHITECT
SEAL

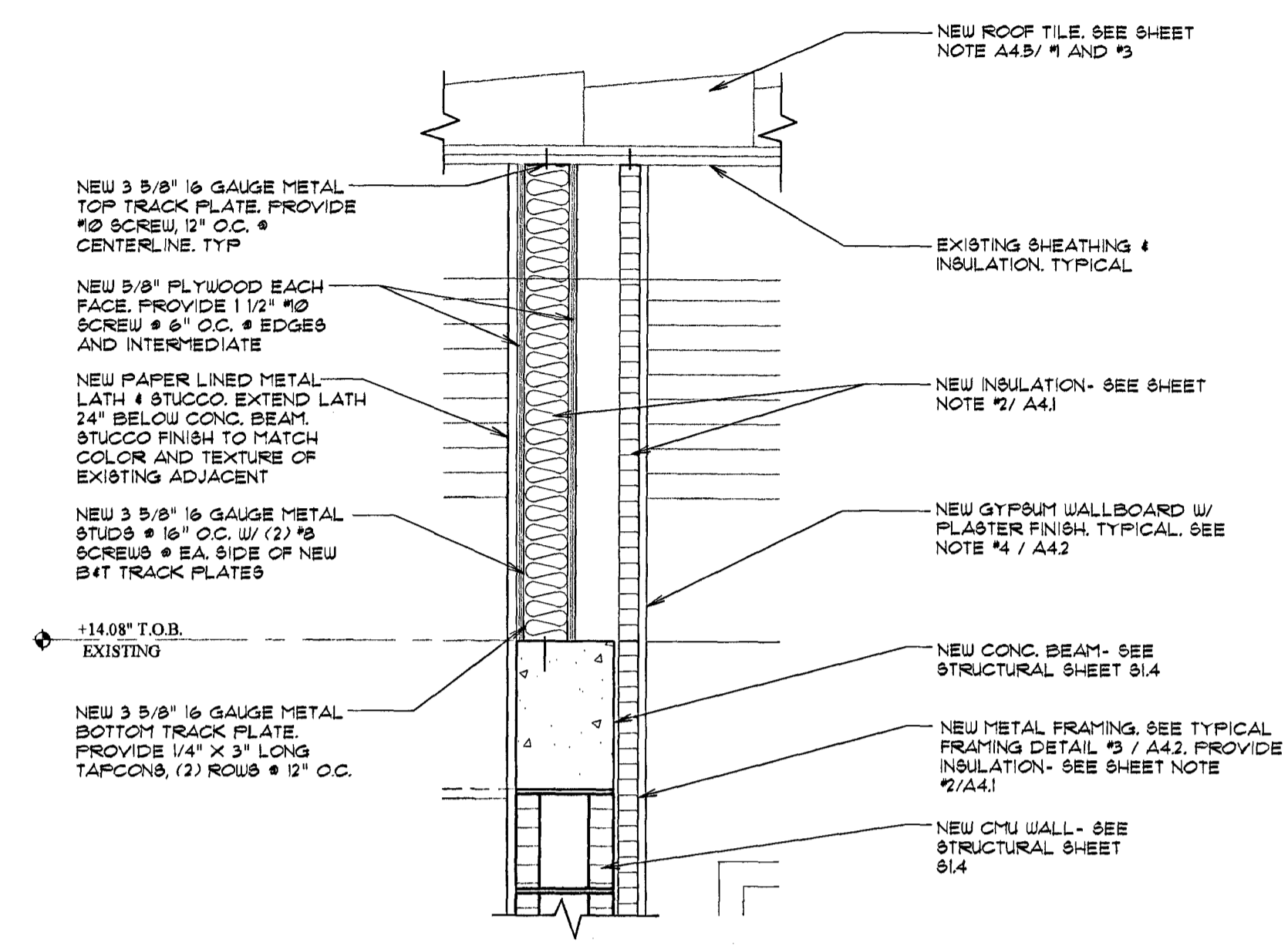
THE GAINOR
RESIDENCE
5800 NORTH BAY ROAD
MIAMI BEACH, FLORIDA

A3.3
A3.3

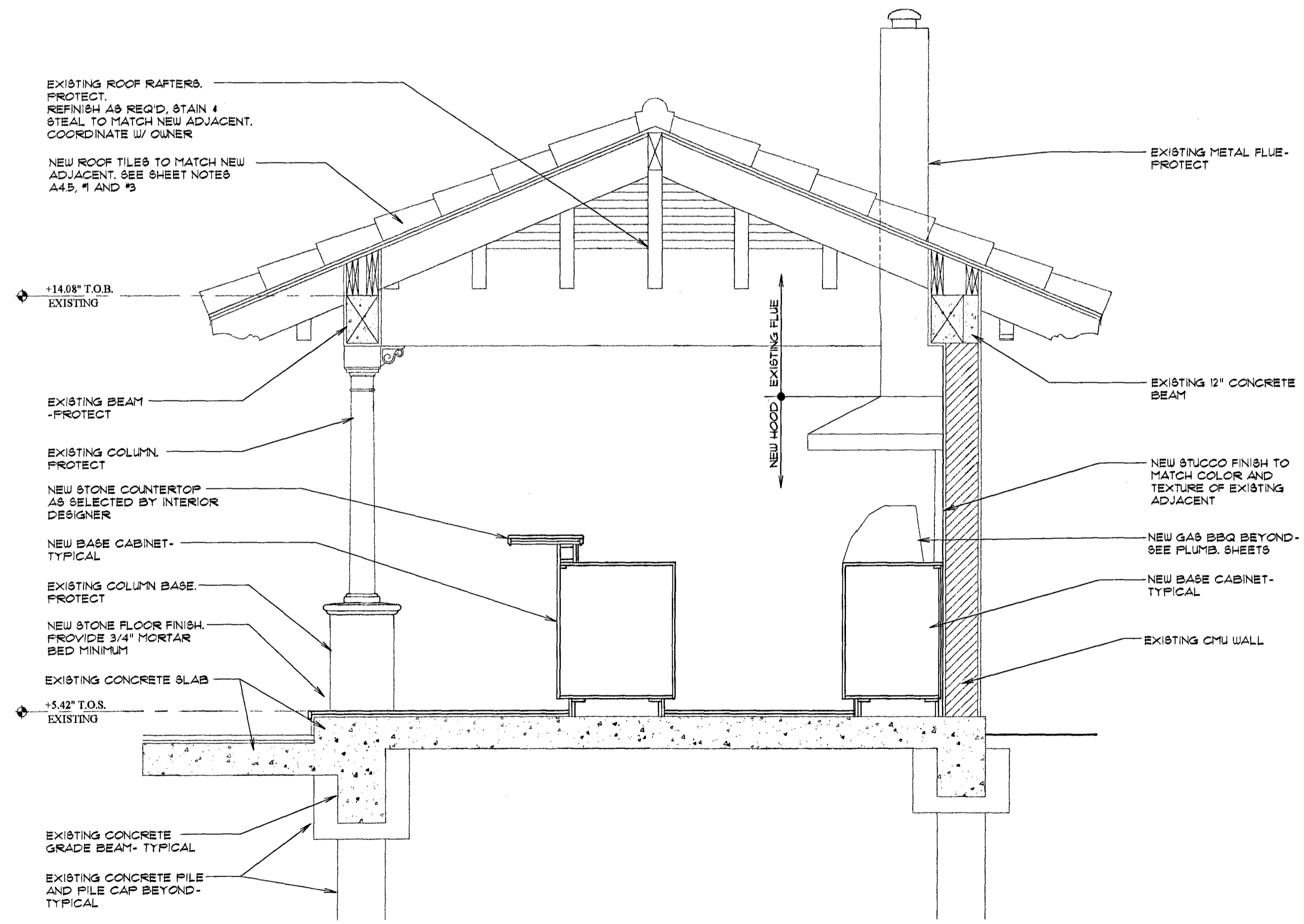
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DRAWN:	BJF
DATE:	8.30.07
REVISIONS:	DATE



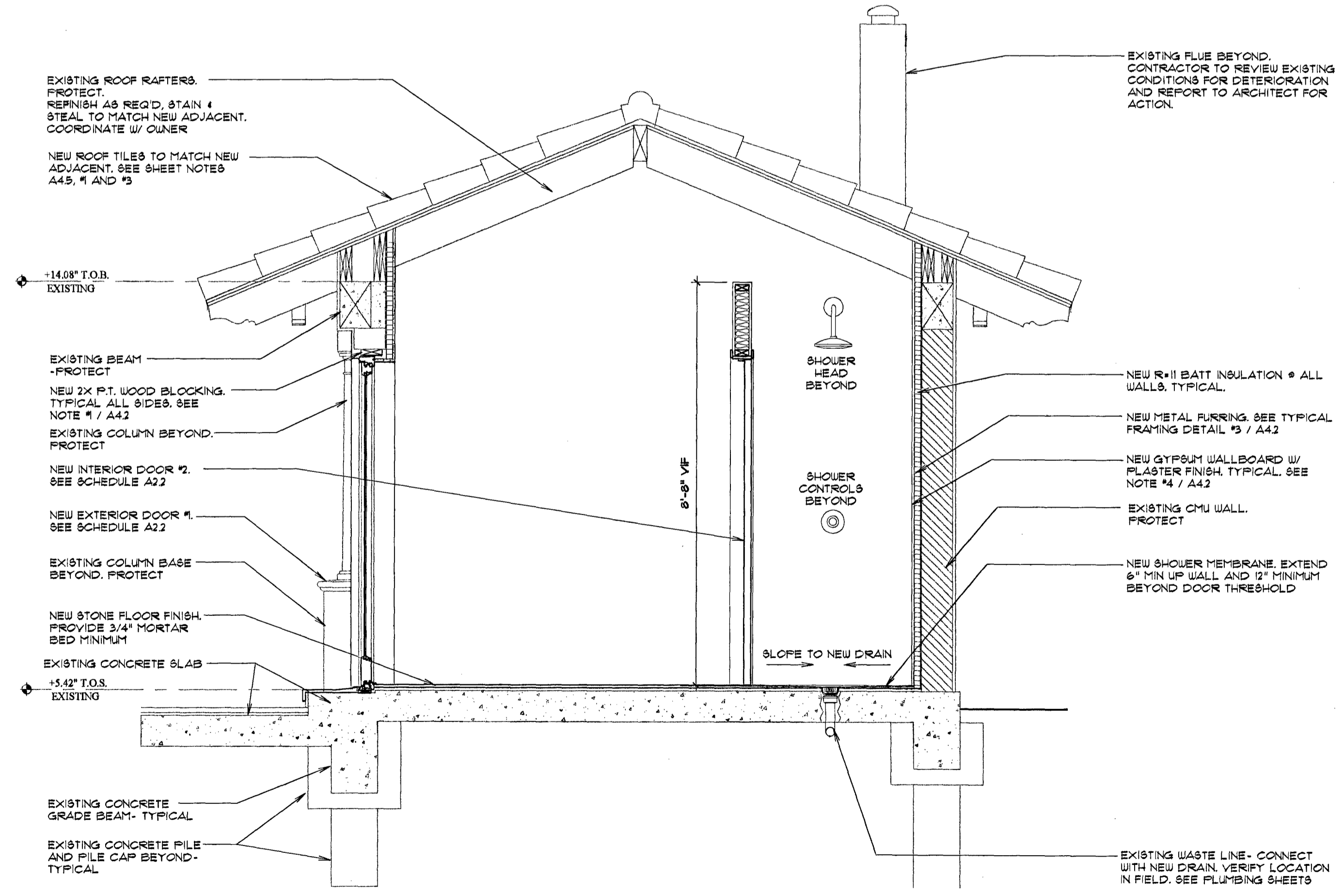
1 CABANA ELEVATION
A3.3 1/2"=1'



4 WALL DETAIL
A3.3 1"=1'0"



2 CABANA ELEVATION
A3.3 1/2"=1'



3 CABANA ELEVATION
A3.3 1/2"=1'

CABANA PERMIT SET 8.30.07

3D DESIGN INC.
ANTHONY LEON ARCHITECT
ARCHITECTURE

Anthony Leon
8.30.07
ANTHONY LEON ARCHITECT
ADDRESS
ADDRESS
ADDRESS
SEAL

THE GAINOR
RESIDENCE
5800 NORTH BAY ROAD
MIAMI BEACH, FLORIDA

zone: C-111818

A3.3
A3.3

1234 WASHINGTON AVE. SUITE #207 MIAMI BEACH, FL 33159 TEL: 305.551.5208 FAX: 305.551.4515

GENERAL NOTES:

A. GENERAL CONDITIONS:

- 1. THESE DRAWINGS ARE NOT TO BE SCALED; USE DIMENSIONS AND INFORMATION SHOWN.
2. PRIOR TO PROCEEDING WITH ANY WORK AND FABRICATION, THE CONTRACTOR SHALL:
A. VERIFY AND COORDINATE WITH ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS...
B. VERIFY ALL EXISTING CONDITIONS AT THE JOB SITE, PROTECT AND MAINTAIN ALL EXISTING STRUCTURES, UTILITIES, FACILITIES AND THEIR CONTENTS.
3. REFER TO ARCHITECTURAL AND OTHER DRAWINGS FOR ANY DEMOLITION AND ADJUSTMENT/REMOVAL OF EXIST'G FENCE, ANY UNDERGROUND/OVERHEAD UTILITIES.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATE BRACING OF ALL STRUCTURAL MEMBERS, WALLS AND NONSTRUCTURAL ITEMS DURING CONSTRUCTION.
5. REFER TO AND COORDINATE WITH THE CIVIL, ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR UTILITIES, OPENINGS, SLEEVES, ETC. NOT SHOWN ON THE STRUCTURAL DRAWINGS.
6. SLEEVE ALL PIPES THRU SLABS INDIVIDUALLY UNLESS APPROVED BY THE ENGINEER.
7. EMBEDMENT OF PIPES AND CONDUITS IN CONCRETE SHALL COMPLY WITH THE REQUIREMENTS OF CHAPTER SIX (6), SECTION 6.3 OF ACI 318 - LATEST EDITION.
8. FOR MOUNTING AND SECURING MECHANICAL EQUIPMENT, REFER TO THE MANUFACTURER'S INSTRUCTIONS UNLESS INDICATED ELSEWHERE IN THE CONSTRUCTION DOCUMENTS.
9. THE GENERAL CONTRACTOR SHALL AT ALL TIMES MAINTAIN AT THE JOBSITE, A CURRENT APPROVED SET OF PROJECT DRAWINGS, SPECIFICATIONS AND SHOP DRAWINGS.
10. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL EXCAVATION PROCEDURES INCLUDING LAGGING, SHORING, AND PROTECTION OF ADJACENT PROPERTY, STRUCTURES, STREETS AND UTILITIES IN ACCORDANCE WITH THE REQUIREMENTS OF APPLICABLE BUILDING CODES AND GOVERNMENT AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT.
11. BACKFILL AROUND THE EXTERIOR PERIMETER OF WALLS SHALL NOT BE PLACED UNTIL AFTER THE WALLS ARE SUPPORTED BY THE COMPLETION OF OVERHEAD FLOOR SYSTEMS.
12. TEMPORARY BRACING SHALL BE PROVIDED AS REQUIRED TO HOLD ALL COMPONENTS OF THE STRUCTURE IN PLACE UNTIL FINAL SUPPORT IS SECURELY ANCHORED.
13. STRUCTURAL DRAWINGS SHALL BE WORKED TOGETHER WITH ARCHITECTURAL, AIR CONDITIONING, MECHANICAL AND ELECTRICAL DRAWINGS TO LOCATE DEPRESSED SLABS, SLOPES, DRAINS, OUTLET RECESSES, OPENING REGLETTS, BOLT SETTINGS, SLEEVES, ETC. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
14. CONTRACTOR SHALL BE RESPONSIBLE FOR UPDATING HIS CONSTRUCTION DOCUMENTS WITH ANY REVISED DRAWINGS AND SPECIFICATIONS, FIELD ORDERS, CHANGE ORDERS AND CLARIFICATION SKETCHES ISSUED DURING THE COURSE OF CONSTRUCTION.
15. "BY OTHERS" DENOTES LABOR AND MATERIALS BY OTHERS, HOWEVER THE CONTRACTOR SHALL PROVIDE COORDINATION AND FREE ACCESS FOR THE WORK.
16. "N.I.C." DENOTES NOT IN CONTRACT, THE OWNER SHALL BE RESPONSIBLE FOR COORDINATING A TIME SCHEDULE OF THE BASE CONTRACT WITH THE "N.I.C." TRADES.
17. THE CONTRACTOR SHALL ADEQUATELY PROTECT HIS WORK, ADJACENT PROPERTY AND THE PUBLIC, AND BE RESPONSIBLE FOR DAMAGE OR INJURY DUE TO HIS ACT OR NEGLIGENCE.
18. REFERENCE STANDARDS: THE APPLICABLE BUILDING CODE FOR THIS PROJECT IS FLORIDA BUILDING CODE 2004 EDITION WITH 2003 REVISIONS/ERRATA, AND ANY OTHER AMENDMENT ADOPTED BEFORE THE PERM-ISSUE DATE FOR THIS PROJECT. HEREINAFTER REFERRED TO AS FBC 2004. THE STANDARDS REFERRED HEREIN AS "LATEST EDITION" SHALL MEAN THE EDITION OF THE STANDARD ADOPTED BY FBC 2004, AS LISTED IN CHAPTER 35.

B. DESIGN CRITERIA:

- 1. THE STRUCTURE IS DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE (FBC), 2004 EDITION WITH 2003 AMENDMENTS/REVISIONS. DESIGN LOADS ARE AS LISTED BELOW:
LIVING AREAS: DEAD LOADS: 25 PSF, LIVE LOADS: 40 PSF
ROOF: DEAD LOADS: 25 PSF, LIVE LOADS: 30 PSF
2. WIND LOADS:
E STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH CHAPTER 16 OF F.B.C. 2004 INCLUDING APPLICABLE H.V.H.Z. SECTIONS, WITH LATEST AMENDMENTS. WIND LOADS ARE CALCULATED IN ACCORDANCE WITH ASCE 7-02, WITH THREE SECOND SUSTAINED WIND GUSTS OF 148 MPH @ HURRICANE OCEAN LINE, EXPOSURE 'C', IMPORTANCE FACTOR 1.0, Kf= 0.85 FOR MWFRS AND Kp= 1.0 FOR COMPONENTS AND CLADDINGS.
STRUCTURE IS DESIGNED AS AN ENCLOSED STRUCTURE. MAIN ROOF HEIGHT = 31.67' (ABOVE ROAD ELEVATION)
3. COMPONENT & CLADDING PRESSURES ARE BASED UPON ASCE 7-02, CHAPTER 6, WITH Kd= 1.0 AND ARE SHOWN ON SH. S-6.1 AND S-6.2.

C. FOUNDATION SYSTEM

- 1. EXISTING RESIDENCE IS SUPPORTED ON GRADES BEAMS AND PILES. THE WORK TO BE PERFORMED IS COMPRISED MOSTLY OF INTERIOR RENOVATIONS, THEREFORE NO ADDITIONAL LOADS ARE BEING ADDED TO THE EXISTING FOUNDATION SYSTEM.
2. DESIGN OF FOUNDATION SYSTEM IS IN ACCORDANCE WITH SOIL INVESTIGATIONS AND RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEERS, "DYNATECH ENGINEERING CORP." REPORT DATED APRIL 5TH 2005. SEE GEOTECHNICAL ENGINEER'S REPORT FOR SITE PREPARATION, COMPACTION, BORING AND OTHER PERTINENT DATA.
3. THE NEW STRUCTURE SHALL BE SUPPORTED ON 3" DIAMETER STEEL PIN PILES INSTALLED IN ACCORDANCE WITH DETAILS ON THESE DRAWINGS.
4. THE ALLOWABLE PILE BEARING CAPACITIES REQUIRED BY DESIGN ARE 5 TONS IN COMPRESSION, 2 TONS IN TENSION, AND 1 TON LATERAL WITH AN ASSUMED PILE LENGTH OF 25 FT.
5. PILE LOAD TESTS ARE NOT REQUIRED FOR THE ANTICIPATED LOADS.

D. CONCRETE

- 1. SHALL BE A MIX DESIGNED IN ACCORDANCE WITH A.C.I. 301 (LATEST EDITION) TO ACHIEVE A 28-DAY COMPRESSIVE STRENGTH ACCORDING TO THE FOLLOWING:
ALL CONCRETE ELEMENTS NOT EXPOSED TO WEATHER AND / OR NOT EXPOSED TO CORROSIVE ENVIRONMENT:
28-DAY COMPRESSIVE STRENGTH = 5000 P.S.I. *
SLUMP - REGULAR CONC. MIX = 4"±
PUMPED CONC. MIX = 7"±
*REFER TO ITEM D.1 FOR CORROSIVE ENVIRONMENT ZONE.
2. ALL CONCRETE SHALL CONTAIN AN ENGINEER-APPROVED ASTM C-494 TYPE 'D' ADMIXTURE (WATER REDUCING RETARDER), AIR ENTRAINING AGENT SHALL CONFORM TO ASTM C-260, ACCEPTABLE AIR ENTRAINING ADMIXTURE: DAREX "AEA" BY W. R. GRACE & CO., OR APPROVED EQUAL.
3. TRANSPORTATION, PLACING AND CURING OF CONCRETE SHALL COMPLY WITH A.C.I. 318 BUILDING CODE (LATEST EDITION).

- 4. ALL CONCRETE STRUCTURAL COMPONENTS SHALL HAVE CONCRETE STRENGTH TESTED IN ACCORDANCE WITH A.S.T.M. STANDARDS, F.B.C. 2004, AND A.C.I. 318 (LATEST EDITION). TEST CYLINDERS MUST BE TAKEN EVERY 50 CUBIC YARDS OF CONCRETE (OR FRACTION THEREOF) PRIOR TO PLACEMENT. TESTING LAB SHALL PROVIDE COPIES OF CONCRETE TEST RESULTS TO ENGINEERS OFFICE FOR REVIEW.
5. CONCRETE MIX DESIGN SHALL BE SUBMITTED TO ENGINEER'S OFFICE FOR REVIEW. CONTRACTOR SHALL CHECK ALL DRAWINGS AND APPLICABLE MANUFACTURER'S SHOP DRAWINGS FOR LOCATION OF ALL EMBEDDED ITEMS, SUCH AS PIPE SLEEVES, ANCHOR BOLTS, ETC. PRIOR TO PLACING CONCRETE.
7. UNLESS OTHERWISE NOTED ON PLANS, MINIMUM CONCRETE COVER TO REINFORCING STEEL SHALL BE MAINTAINED IN ACCORDANCE WITH CHAPTER 7, SECTIONS 7.7.1, 7.7.2 & 7.7.3 OF ACI 318 - 1999 EDITION. SPECIFIC CONCRETE COVERS ARE GIVEN IN THE FOLLOWING:

Table with columns for FOUNDATION, SLABS FORMED ON GRADE, SUPPORTED SLABS, and COLUMNS & BEAMS, listing clearances for top and bottom reinforcement.

NOTE: TOP AND BOTTOM SURFACES OF NON-AIR CONDITIONED SURFACES SHALL BE CONSIDERED AS UNPROTECTED FROM WEATHER.

D.1 CORROSION PROTECTION THIS PROJECT IS LOCATED IN CORROSIVE ENVIRONMENT ZONE.

- 1. FOR CONCRETE SURFACES EXPOSED TO WEATHER, SALT, SALT-WATER BRACKISH WATER OR SPRAY FROM THESE SOURCES, COMPLY WITH THE REQUIREMENTS OF ACI 318-99 SECTION 4.2.2, TABLE 4.2.2, SECTION 4.4 AND TABLE 4.4.1.
* MINIMUM 28-DAY COMPRESSIVE STRENGTH = 5000 P.S.I.
* MAXIMUM WATER - CEMENT RATIO = 0.4 BY WEIGHT
* CONCRETE MIX SHALL CONTAIN HIGH-RANGE WATER REDUCING ADMIXTURE SUCH AS "TRISORBUILD" BY MASTER BUILDERS OR ENGINEER APPROVED EQUAL.
* SLUMP = 7"±
2. CONCRETE SURFACES EXPOSED TO CORROSIVE ENVIRONMENT MENTIONED IN ITEM D.1.1 SHALL INCLUDE, BUT NOT LIMITED TO: BURIED CONCRETE ELEMENTS (SUCH AS PILE CAPS AND GRADE BEAMS), ELEMENTS SUBJECT TO TIDES AND/OR HIGH WATER TABLE, TRAFFIC BARRIERS, ALL CONCRETE BALCONIES, TERRACES, BEAMS, COLUMNS, CAPS, CONCRETE WALLS LOCATED WITHIN AND/OR FORMING THE EXTERIOR BUILDING ENVELOPE.
3. IN ADDITION TO THE ABOVE, CONCRETE FOR BALCONIES, EXPOSED TERRACES, DECKS, STAIRS SHALL CONTAIN A CORROSION INHIBITOR SUCH AS "RHEORECITE 2224" BY MASTER BUILDERS OR ENGINEER APPROVED EQUAL. THESE SURFACES SHALL ALSO BE COATED WITH "ALKYL-ALKOXY SILANE SEALER" OR ENGINEER APPROVED EQUAL.
4. FOR EXPOSED BALCONIES, TERRACES, IN ADDITION TO THE ABOVE REQUIREMENTS, PROVIDE HOT DIPPED GALVANIZED REINFORCING STEEL.

E. STRUCTURAL SLABS & GRADE BEAMS FORMED ON FILL (NOT USED)

F. NON-STRUCTURAL SLABS SUPPORTED ON FILL (NOT USED)

G. WELDED WIRE FABRIC (NOT USED)

H. CONCRETE TOPPING (FOR TERRACES, REC DECK, ETC.) (NOT USED)

I. REINFORCING STEEL

- 1. SHALL BE DEFORMED BARS, FREE FROM LOOSE RUST AND SCALE, AND CONFORMING TO ASTM A-615, GRADE 60.
2. ALL DETAILING AND ACCESSORIES SHALL CONFORM TO TYPICAL DETAILS SHOWN IN THE "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONC STRUCTURES ACI 315, LATEST EDITION".
3. ALL ACCESSORIES SHALL HAVE UPTURNED LEGS AND BE PLASTIC DIPPED AFTER FABRICATION. ACCESSORIES FOR REINFORCING SHALL BE IN ACCORDANCE WITH ACI 315, CURRENT EDITION.
4. ALL REINFORCING STEEL SHALL BE TIED DOWN AND INDEPENDENTLY SUPPORTED ON CHAIRS AND SUPPORT BARS.
5. SUPPORT BARS SHALL BE #5 OR GREATER AND NOT SPACED MORE THAN 4"-0" O.C., SUPPORT BARS AND ENDS OF MAIN REINFORCING SHALL NOT EXTEND MORE THAN 12"-0" PAST OUTER MOST CHAIR OR SUPPORT BAR.
6. PLASTIC TIPPED COLUMN SPACERS SHALL BE PROVIDED FOR VERTICAL COLUMN REINFORCING STEEL, SUCH THAT A 2" MINIMUM CLEARANCE IS MAINTAINED.
7. ALL EXTERIOR SIDE REINF. FOR BEAMS, COLUMNS & SLABS SHALL BE GALVANIZED.

J. STRUCTURAL STEEL (NOT USED)

K. REINFORCING SPLICES

- 1. ALL CONTINUOUS VERTICAL OR HORIZONTAL BARS IN FOOTINGS, PILE CAPS, GRADE BEAMS, WALLS, SLABS AND OTHER CONCRETE SHALL BE LAP-SPLICED IN ACCORDANCE WITH TABLE #2 ON SHEET S-2.2
2. ALL BARS AT END OF CONT. FTGS, BEAMS OR CONTINUOUS HORIZONTAL ELEMENTS SHALL BE CONTINUED TO FAR SIDES OF INTERSECTING ELEMENTS.
3. PROVIDE 2'-6" X 2'-6" 'L' BARS (SAME SIZE AND QUANTITY) IN ALL THE BEAMS, WALLS AND WALL FOOTINGS, AT ALL CORNERS AND BENDS.

L. OPENINGS (NOT USED)

M. MASONRY (SEE STANDARD DETAILS ON SHEET S-5.1)

- 1. REINFORCED MASONRY DESIGN COMPLIES WITH ACI 530-95/ASCE 5-95/TMS 402-95 AND CONSTRUCTION SHALL COMPLY WITH ACI 530.1-95/ASCE 6-95/TMS 602-95.
2. CONCRETE MASONRY UNITS SHALL COMPLY WITH THE PROVISIONS OF THE STANDARD SPECIFICATION FOR DESIGN AND CONSTRUCTION OF CONCRETE MASONRY, NCMA TR-75B AND ACI 530.1.
3. MOISTURE CONTENT OF MASONRY UNITS SHALL NOT EXCEED 35% OF TOTAL ABSORPTION AT TIME OF PLACEMENT. MAXIMUM LINEAR SHRINKAGE FOR MASONRY UNITS FOR EXTERIOR WALLS SHALL NOT EXCEED 0.4% (DIVISION 'S').
4. MORTAR SHALL CONFORM TO ASTM C-270, TYPE 'M' WITH A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 2500 PSI.
5. WHERE GROUDED CELLS WITH VERTICAL REINFORCING ARE SHOWN ON PLANS FOR SUCH MASONRY WALLS, THE CELLS SHALL BE GROUDED IN ACCORDANCE WITH ITEM M(C)(1)
6. HORIZONTAL JOINT REINFORCING SHALL BE STANDARD NO. 8 & NO 12 FOR 8" AND 12" THICK WALLS RESPECTIVELY, LADDER TYPE "DUR-C-WAL" HOT DIPPED GALVANIZED, OR ENGINEER APPROVED EQUAL PLACED AT EVERY 2ND MASONRY COURSE (16" VERTICALLY) FOR ALL INTERIOR AND EXTERIOR WALLS. JOINT REINFORCING SHALL BE CONTINUOUS THRU-OUT AND LAPPED A MINIMUM OF 8" WHERE NEEDED, INCLUDING AT INTERSECTIONS AND BENDS. SEE STANDARD DETAILS ON SHEET S-5.1.
7. THE CONTRACTOR SHALL PROVIDE AND BE RESPONSIBLE FOR ADEQUATE BRACING OF ALL MASONRY CONSTRUCTION. ALL WALLS ARE TO BE FULLY BRACED AGAINST WIND AND OTHER FORCES UNTIL THE ROOF, WALL, AND FLOOR CONSTRUCTION IS STRUCTURALLY COMPLETE.

(A) NON-LOAD BEARING WALLS (NLB)(NOT USED)

(B) LOAD BEARING WALLS

- 1. HOLLOW MASONRY UNITS SHALL CONFORM TO ASTM C-90, TYPE-1, GRADE N-1, NET AREA COMPRESSIVE STRENGTH, Fm = 1500 PSI THE NET AREA COMPRESSIVE STRENGTH OF THE MASONRY UNITS SHALL BE 1900 PSI, PER ACI 530.1-99 1.4B.2B AND TABLE 2. SUBMIT CERTIFICATION PRIOR TO DELIVERY TO THE JOB SITE.
2. LOAD BEARING MASONRY WALLS AND COLUMNS, BOND BEAMS, CONCRETE BEAMS, CAST-IN-PLACE OR PRECAST LINTELS WITHIN THE WALL SYSTEM SHALL BE CONSTRUCTED PRIOR TO OVERHEAD STRUCTURAL ELEMENTS BEARING/SUPPORTED ON THE WALLS.
3. HORIZONTAL JOINT REINFORCING SHALL EXTEND A MINIMUM OF 6" INTO THE CONCRETE COLUMNS LOCATED IN THE WALLS.

(C) GROUDED CELLS

- 1. THE REQUIREMENTS FOR GROUDED CELLS ARE APPLICABLE TO BOTH LOAD BEARING AND NON LOAD BEARING WALLS. GROUDED CELLS FOR LOAD BEARING WALLS PRIOR TO PROCEEDING WITH OVERHEAD CONSTRUCTION. GROUDED CELLS FOR NON-LOAD BEARING WALLS AFTER COMPLETING THE OVERHEAD CONSTRUCTION. (COMPLETION OF THE STRUCTURAL SHELL).
2. VERTICAL CELLS TO BE FILLED WITH GROUT SHALL HAVE VERTICAL ALIGNMENT SUFFICIENT TO MAINTAIN A CLEAR, UNOBSTRUCTED CONTINUOUS VERTICAL CELL OPENING OF 3" X 5" MINIMUM. MASONRY CELLS SHALL BE FILLED WITH 2,500 P.S.I. MASONRY GROUT, CONFORMING TO ASTM C-476.
3. GROUT SHALL BE POURED IN LIFTS NOT EXCEEDING 8'-0". GROUDED CELLS WITH VERTICAL REINFORCING SHALL BE PLACED AT ALL DOOR AND WINDOW JAMBS AND AT A SPACING INDICATED ON PLANS.
4. CLEANOUT OPENINGS SHALL BE PROVIDED AT THE BOTTOM OF ALL CELLS AT EACH LIFT, FOR INSPECTION. CLEANOUTS SHALL BE SEALED AFTER INSPECTION AND BEFORE GROUTING.
5. MINIMUM LAPS FOR VERTICAL REINFORCING IN MASONRY SHALL BE 2'-8" FOR #5 BARS, 3'-0" FOR #6 BARS, AND 3'-8" FOR #7 BARS.
6. SEE STANDARD MASONRY DETAILS ON SHEET S-5.1.

N. LINTELS (NOT USED)

O. NOA/SPECIALTY ENGINEER (NOT USED)

P. SHOP DRAWINGS

Q. FORMWORK/SHORING/RESHORING (NOT USED)

R. DEWATERING (NOT USED)

S. DETAILS AND SECTIONS

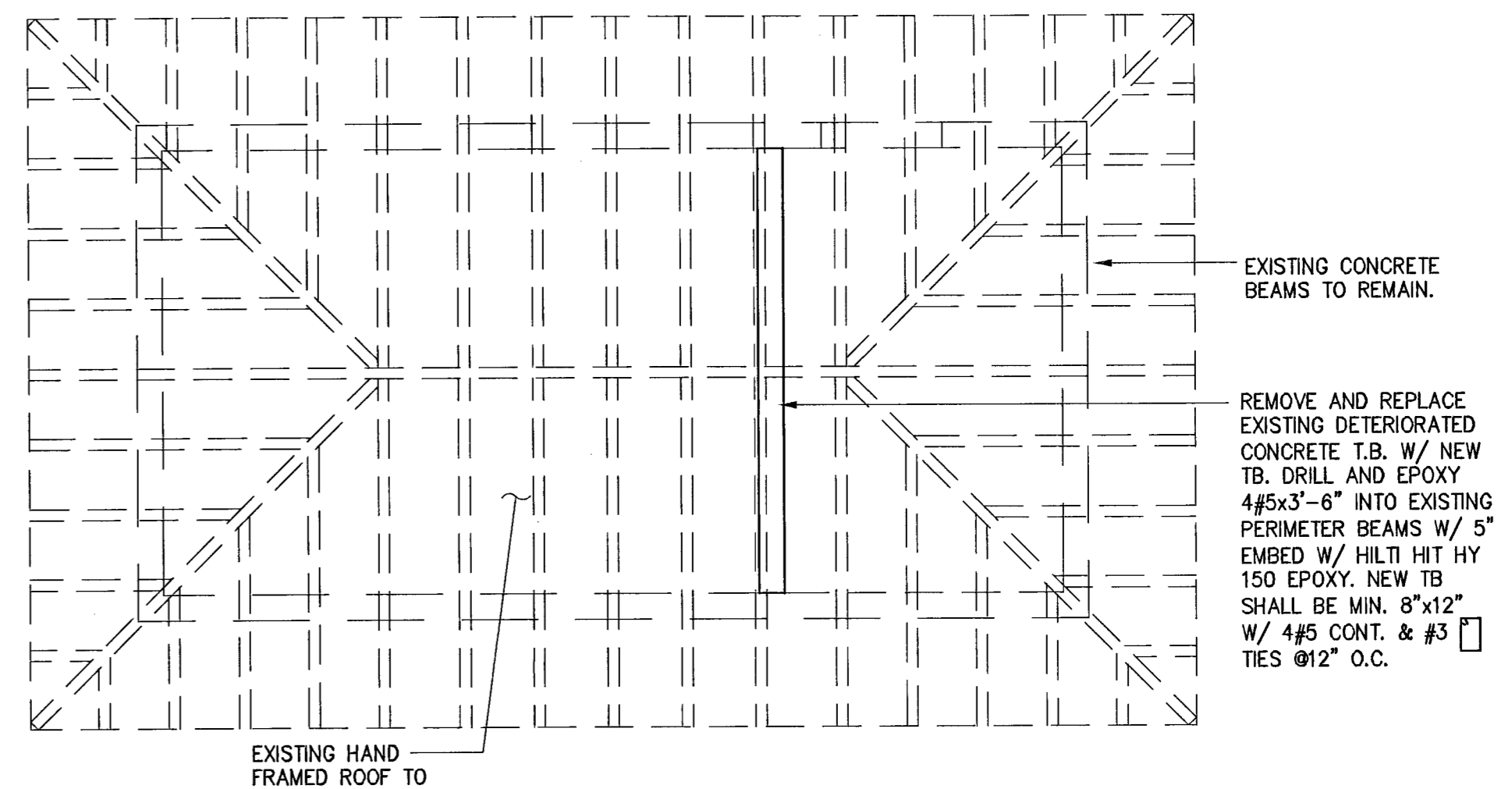
ALL DETAILS AND SECTIONS SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL, AND SHALL BE CONSTRUED TO APPLY TO ANY SIMILAR SITUATION ELSEWHERE IN THE PROJECT, UNLESS A DIFFERENT DETAIL, OR SECTION IS SHOWN.

T. FOREIGN STEEL

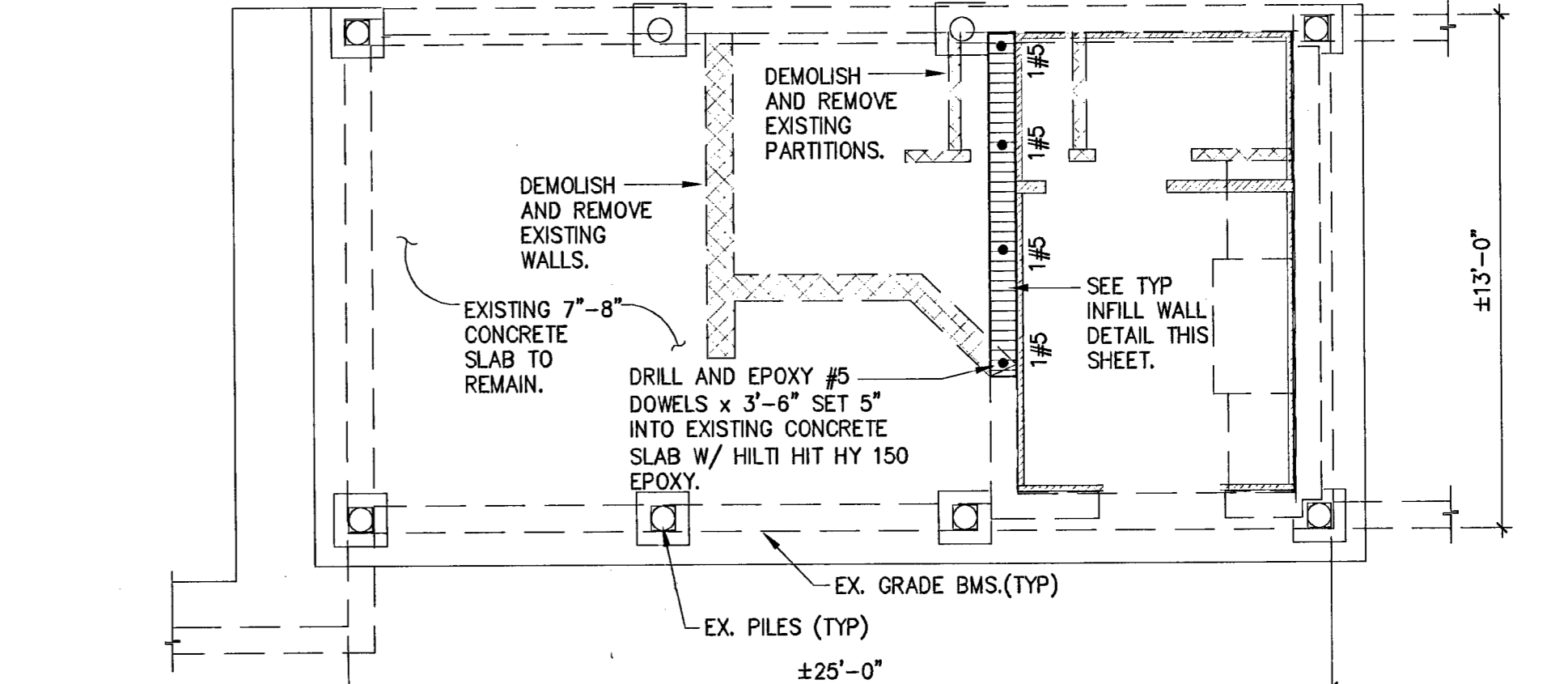
ANY FOREIGN PRODUCED REINFORCING / STRUCTURAL STEEL SHALL FIRST BE TESTED BY AN INDEPENDENT TESTING LABORATORY CERTIFIED IN THE STATE OF FLORIDA TO CONDUCT SUCH TESTS. EACH HEAT OF STEEL SHALL BE TESTED TO CERTIFY CONFORMITY TO APPLICABLE STANDARDS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR THIS PROJECT. THE LABORATORY SHALL FURNISH CERTIFICATION IN THE FORM OF REPORT(S) CONSISTING OF TEST METHODS USED AND RESULTS OBTAINED AND SIGNED AND SEALED LETTER(S) FROM THE ENGINEER WHO WITNESSED THE TESTS. THE ENGINEER PROVIDING CERTIFICATION ON BEHALF OF THE TESTING LABORATORY SHALL BE A PROFESSIONAL ENGINEER REGISTERED TO PRACTICE IN THE STATE OF FLORIDA. THE CERTIFICATION LETTER(S) SHALL SPECIFICALLY STATE THAT EACH HEAT OF STEEL USED COMPLIES IN ALL RESPECTS WITH THE APPLICABLE AMERICAN STANDARDS, SUCH AS ASTM, ACI, AISI, ETC., AS THE CASE MAY BE.

U. STATEMENT OF INSPECTION

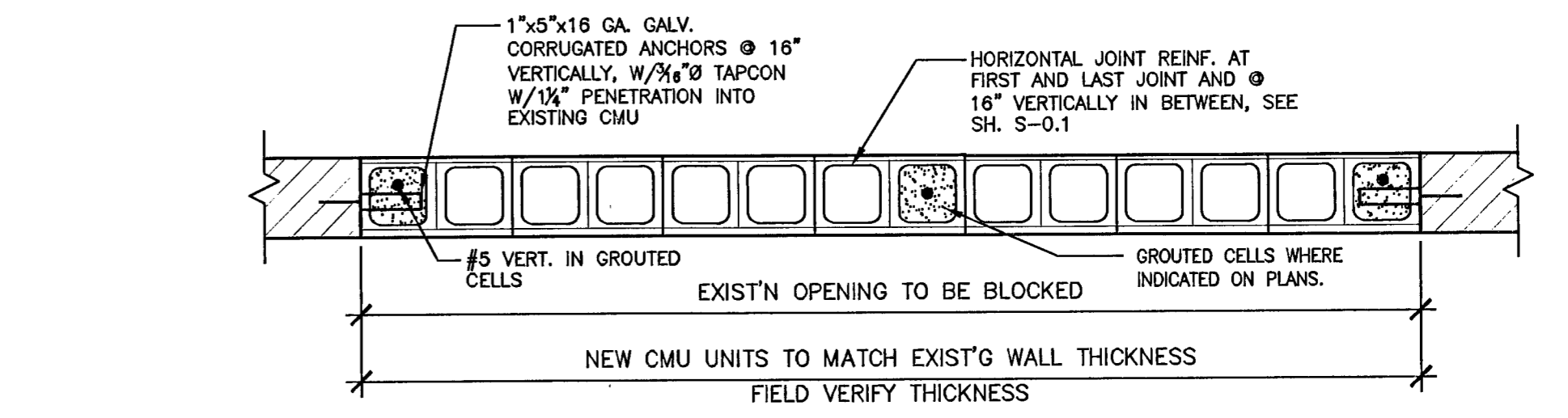
SKA WILL PROVIDE STATEMENT OF INSPECTION ONLY IF SKA'S SERVICES ARE ENGAGED FOR THE INSPECTION OF STRUCTURAL COMPONENTS DURING CONSTRUCTION, THRESHOLD INSPECTIONS (IF APPLICABLE) AND SPECIAL INSPECTOR SERVICES, EXCLUDING PILE INSTALLATION.



EX. POOL PAVILION ROOF FRAMING PLAN SCALE: 3/8" = 1'-0"



EX. POOL PAVILION GROUND FLOOR FRAMING PLAN SCALE: 3/8" = 1'-0"



TYP. WALL INFILL DETAIL N.T.S. 1 S-1

Table with columns for SHEET TITLE, DRAWN, DATE, and REVISIONS.

3D DESIGN INC ANTHONY LEON ANDREW ARCHITECTURE

THE GAINOR RESIDENCE 3800 NORTH BAY ROAD MIAMI BEACH, FLORIDA

S-1

TO THE BEST OF OUR KNOWLEDGE THESE PLANS CONFORM TO THE STRUCTURAL REQUIREMENTS OF F.B.C. 2001, LATEST REVISIONS, INCLUDING SECTIONS PERTAINING TO H.V.H.Z.

Siddiq Khan & Associates, Inc. Consulting Engineers And Planners 7400 S.W. 50 TERR. SUITE 105 MIAMI, FLORIDA 33155 TEL: (305)-682-2301 FAX: (305)-681-3962

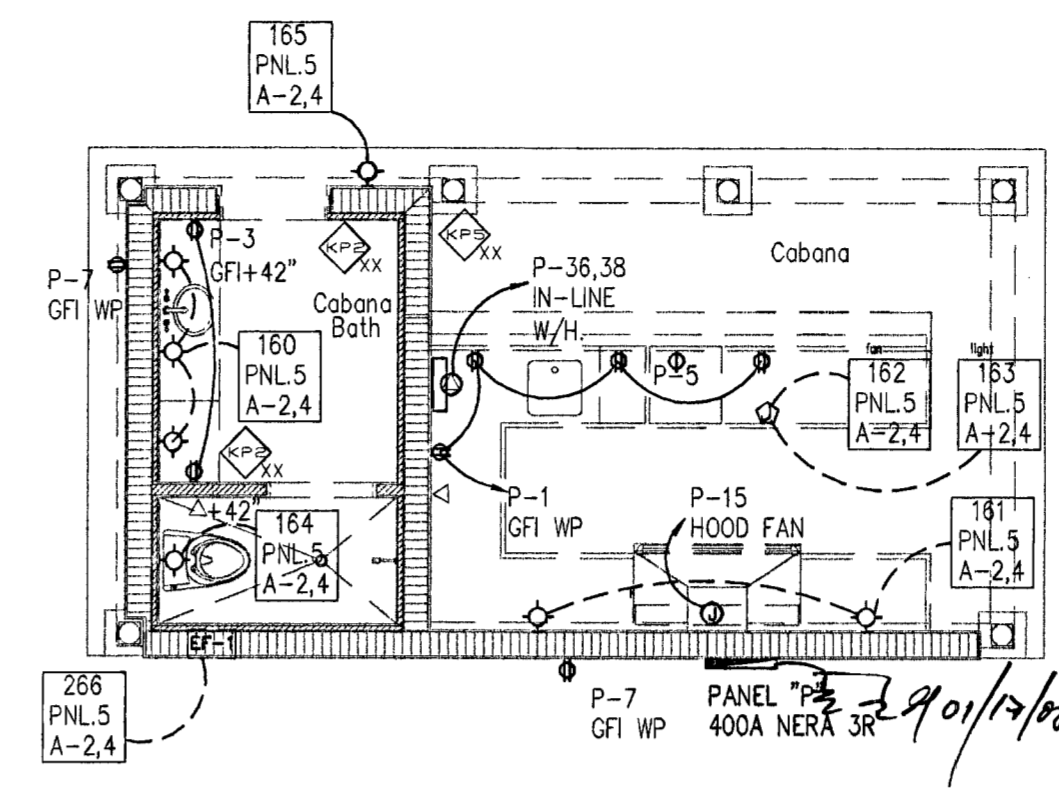
9/24/07 T.A. KHAN FL P.E. #60994

LIGHTING KEY NOT TO SCALE	
	JUNCTION BOX
	2X2 RECESSED FLUORESCENT
	2X4 RECESSED FLUORESCENT
	RECESSED LINEAR FLUORESCENT
	RECESSED WALL LIGHT
	MOTION SENSOR. RUN LUTRON KEYPAD WIRE FROM SENSOR TO LOCAL 2 BUTTON KEYPAD.
	SCONCE
	CLOCK OUTLET
	1/2 SWITCHED DUPLEX OUTLET. ALWAYS SWITCH BOTTOM SOCKET.
	1/2 SWITCHED FLOOR OUTLET
	1/4 SWITCHED QUAD OUTLET.
	120V. CONSTANT POWER FOR CURTAIN MOTORS. RUN ONE CAT5 FROM MOTOR TO CONTROL.
	RUN 17 CONDUCTOR LUTRON QED WIRE FROM MOTOR TO QED PANEL.
	LINE VOLTAGE HIGH HAT
	LOW VOLTAGE HIGH HAT
	EXHAUST FAN. REMOTE LOCATION.
	120>24 VOLT MAGNETIC TRANSFORMER.
	LINEAR LOW VOLTAGE CLICK STRIP.
	LUTRON HOMEWORKS ZONE NUMBER.
	LUTRON HOMEWORKS KEYPAD. TYPICAL LOCATION IS 48" A.F.F. O.C. 8" O.C. IN FROM EDGE OF WALL. CONFIRM ELEVATIONS. [1X 18-4S YELLOW STRIPE-- LUTRON]
	LUTRON HOMEWORKS KEYPAD AND AV CONTROL KEYPAD IN TWO GANG DEEP BOX. [1X 18-4S YELLOW STRIPE-- LUTRON]

LUTRON KEYPAD WIRE LOOPS TO BE DISCUSSED ON SITE.

AUDIO VIDEO KEY	
	SPEAKER
	HARD WIRED TOUCH PANEL
	WIRELESS REMOTE CONTROL
	HARD BUTTON CONTROL

PHONE / TV KEY	
	PHONE & DATA [2X CAT5] 1 GANG
	LCD
	PLASMA
	TUBE TELEVISION



1 ELECTRICAL CABANA FLOOR PLAN
E1.1 3/16" = 1'-0"

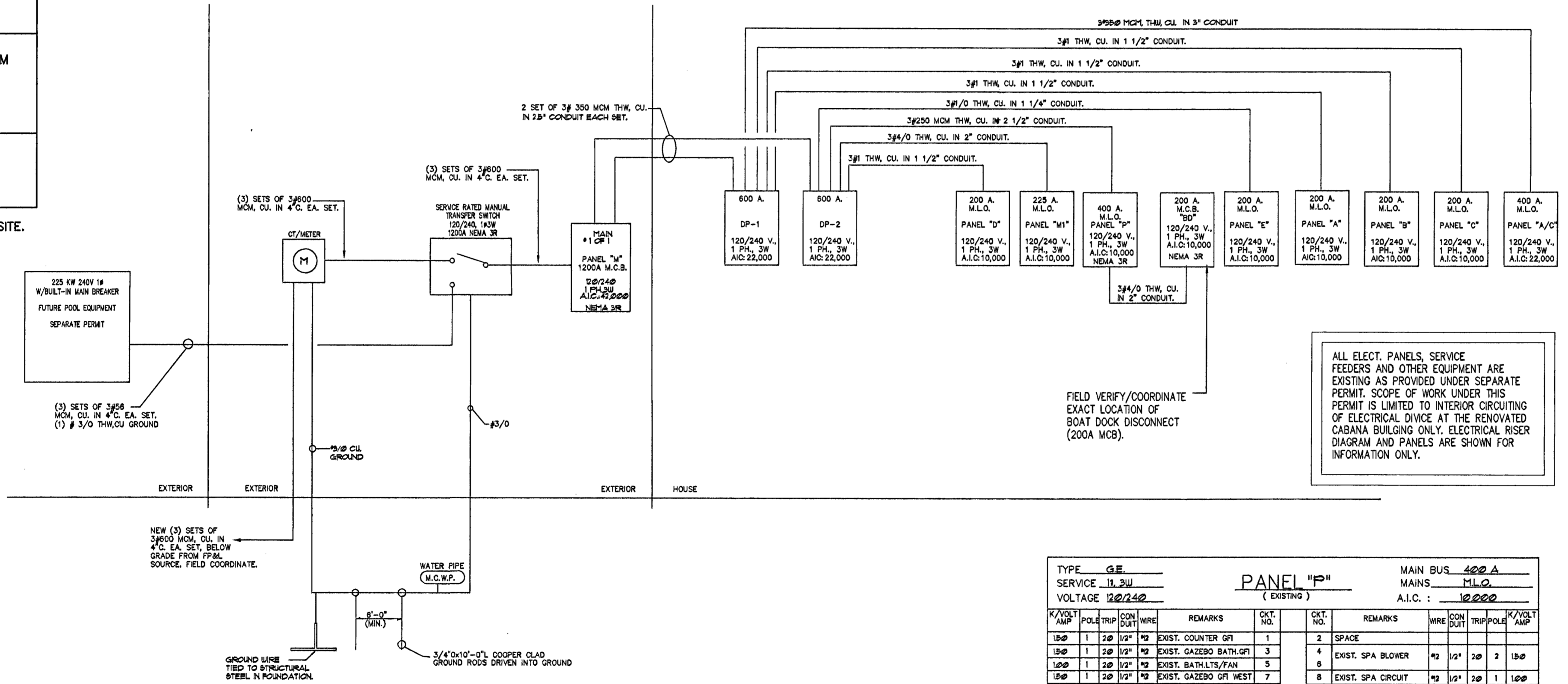
Electrical Legend

- DUPLEX RECEPTACLE MOUNTED 18" AFF U.O.C.
- DEDICATED DUPLEX RECEPTACLE MOUNTED 18" AFF U.O.C.
- QUADPLEX RECEPTACLE MOUNTED 18" AFF U.O.C.
- DEDICATED QUADPLEX RECEPTACLE MOUNTED 18" AFF U.O.C.
- FLOOR MOUNTED DUPLEX RECEPTACLE 220V OUTLET MOUNTED 18" AFF U.O.C.
- SPECIAL PURPOSE RECEPTACLE COORDINATE WITH TENANT
- TELEPHONE BOX WITH 1/2" CONDUIT EXTENDED 8" ABOVE ADJACENT CEILING. FACE PLATES, JACKS AND CABLING TO BE BY TENANT
- DATA BOX WITH 1/2" CONDUIT EXTENDED 8" ABOVE ADJACENT CEILING. FACE PLATES, JACKS AND CABLING TO BE BY TENANT
- TELEPHONE AND DATA BOX WITH 1/2" CONDUIT EXTENDED 8" ABOVE ADJACENT CEILING. FACE PLATES, JACKS AND CABLING TO BE BY TENANT
- FLOOR MOUNTED TELEPHONE RECEPTACLE
- FLOOR MOUNTED TELEPHONE AND DATA RECEPTACLE
- ELECTRIC JUNCTION BOX - VERIFY LOCATIONS AND MOUNTING HEIGHTS.
- DATA/TELEPHONE JUNCTION BOX AND MOUNTING HEIGHTS.
- ELECTRIC JUNCTION BOX MOUNTED AT 8' AFF TO FEED WORKSTATION. PROVIDE ONE CIRCUIT FOR EVERY TWO WORKSTATIONS. TENANT TO PROVIDE CONNECTION TO THEIR OFFICE FURNITURE SYSTEM
- ELECTRIC JUNCTION BOX MOUNTED ABOVE CEILING
- FLOOR MOUNTED ELECTRIC JUNCTION BOX VERIFY LOCATIONS
- HVAC THERMOSTAT
- FIRE ALARM HORN/STROBE
- FIRE ALARM PULL STATION
- ELECTRICAL PANEL
- SINGLE POLE LIGHT SWITCH
- 3 WAY LIGHT SWITCH
- LIGHT SWITCH WITH DIMMER

NOTE: ONLY NEW TELEPHONE OUTLETS ARE TO BE PROVIDED WITH EMPTY 1/2" CONDUIT STRIPPED 4" ABOVE THE CEILING EXISTING PARTITIONS ARE TO RECEIVE -BUSES ONLY (NO CONDUIT)

NOTE: ALL ITEMS AND SYSTEMS ARE NEW EXCEPT WHERE SPECIFICALLY OTHERWISE INDICATED OR ASSOCIATED WITH THE FOLLOWING NOMENCLATURE:

- E DENOTES EXISTING TO REMAIN
- R DENOTES EXISTING TO BE RELOCATED



ALL ELECT. PANELS, SERVICE FEEDERS AND OTHER EQUIPMENT ARE EXISTING AS PROVIDED UNDER SEPARATE PERMIT. SCOPE OF WORK UNDER THIS PERMIT IS LIMITED TO INTERIOR CIRCUITING OF ELECTRICAL DWICE AT THE RENOVATED CABANA BUILDING ONLY. ELECTRICAL RISER DIAGRAM AND PANELS ARE SHOWN FOR INFORMATION ONLY.

TYPE GE SERVICE 11.3W VOLTAGE 120/240					PANEL "P" (EXISTING)					MAIN BUS 400A MAINS MLO A.I.C. : 12000					
K/VOLTS	TRIP	CON	WIRE	REMARKS	DKT. NO.	DKT. NO.	REMARKS	WIRE	CON	TRIP	P/POLE	K/VOLTS	TRIP	P/POLE	K/VOLTS
150	1	20	1/2"	EXST. COUNTER GR	1	2	SPACE								
150	1	20	1/2"	EXST. GAZEBO BATH/GR	3	4	EXST. SPA BLOWER	12	20	2	150				
150	1	20	1/2"	EXST. BATH/LTS/FAN	5	8	EXST. SPA CROUET	12	20	1	150				
150	1	20	1/2"	EXST. GAZEBO GR WEST	7	10	EXISTING SPA LTS.	12	20	1	150				
150	1	20	1/2"	EXST. LANDSPACE GR	9	11	EXST. JET PUMP	12	20	2	150				
150	1	20	1/2"	EXST. LANDSPACE GR	11	12	EXST. JET PUMP	12	20	2	150				
150	1	20	1/2"	EXST. GENRECEP.	13	14	EXST. POOL PUMP SHOWER	12	20	2	150				
150	1	20	1/2"	CABANA HOOD FAN/LTS.	15	16	EXST. JET PUMP SOUTH	12	20	2	150				
150	2	40	1"	EXST. GAZEBO STEAM.	17	20	EXST. POOL MID PUMP	12	1/2	2	150				
150	1	20	1/2"	EXST. LANDSPACE GR	21	22	EXST. WASHER	12	1/2	2	150				
150	2	3/4"	1/2"	EXST. DRYER	23	28	EXST. LANDSCAPING	12	1/2	1	150				
150	3	3/4"	1/2"	EXST. A/C	29	30	EXST. LANDSCAPING	12	1/2	1	150				
150	1	20	1/2"	EXST. EAST GR GAZEBO	31	32	EXST. LANDSCAPING	12	1/2	1	150				
150	2	200	2"	EXST. BOAT DOCK	33	34	EXST. LANDSCAPING	12	1/2	1	150				
150	2	60	1"	EXST. BOAT LIFT	35	36	IN-LINE WATER HEATER	12	3/4"	40	2	200			
150	2	60	1"	EXST. BOAT LIFT	37	38	NEW PANEL "P"	12	20	150	2	200			
150	2	60	1"	EXST. BOAT LIFT	39	42									
150	2	60	1"	EXST. BOAT LIFT	41	42									
150	2	60	1"	EXST. BOAT LIFT	41	42									

118,700VA LOAD CALC: HVAC(100%) --- 4,500 VA --- TOTAL LOAD = 56,580 VA --- 238 AMPS. REST (40%) --- 10,000 VA --- FEEDERS 3/250 MCM THK. CU. IN 2 1/2" CONDUIT. REST (40%) --- 42,080 VA

TYPE GE SERVICE 11.3W VOLTAGE 120/240					PANEL "A" (EXISTING)					MAIN BUS 200A MAINS MLO A.I.C. : 12000					
K/VOLTS	TRIP	CON	WIRE	REMARKS	DKT. NO.	DKT. NO.	REMARKS	WIRE	CON	TRIP	P/POLE	K/VOLTS	TRIP	P/POLE	K/VOLTS
150	2	20	20"	PNL 2 1ST.FLOOR.	1	2	PNL 5 1ST.FLOOR.	12	20	2	150				
150	2	20	20"	PNL 2 1ST.FLOOR.	3	4	PNL 5 1ST.FLOOR.	12	20	2	150				
150	2	20	20"	PNL 3 1ST.FLOOR.	5	6	PNL 5 1ST.FLOOR.	12	20	2	150				
150	2	20	20"	PNL 4 1ST.FLOOR.	7	8	PNL 5 1ST.FLOOR.	12	20	2	150				
150	1	20	1/2"	HOUDAY LTS.	9	10	POWER SUPPLY 1ST.FL.	12	1/2	20	1	150			
150	1	20	1/2"	HOUDAY LTS.	11	14	HOUDAY LTS.	12	1/2	20	1	150			
150	1	20	1/2"	HOUDAY LTS.	13	15	HOUDAY LTS.	12	1/2	20	1	150			
150	1	20	1/2"	GENERAL OUTLETS	17	18	GENERAL OUTLETS	12	1/2	20	1	150			
150	1	20	1/2"	GENERAL OUTLETS	19	20	GENERAL OUTLETS	12	1/2	20	1	150			
150	1	20	1/2"	GENERAL OUTLETS	21	22	GENERAL OUTLETS	12	1/2	20	1	150			
150	1	20	1/2"	GENERAL OUTLETS	23	24	GENERAL OUTLETS	12	1/2	20	1	150			
150	1	20	1/2"	GENERAL OUTLETS	25	26	GENERAL OUTLETS	12	1/2	20	1	150			
150	1	20	1/2"	GENERAL OUTLETS	27	28	GENERAL OUTLETS	12	1/2	20	1	150			
150	1	20	1/2"	GENERAL OUTLETS	29	30	GENERAL OUTLETS	12	1/2	20	1	150			
150	1	20	1/2"	GENERAL OUTLETS	31	32	GENERAL OUTLETS	12	1/2	20	1	150			
150	1	20	1/2"	GENERAL OUTLETS	33	34	GENERAL OUTLETS	12	1/2	20	1	150			
150	1	20	1/2"	GENERAL OUTLETS	35	36	GENERAL OUTLETS	12	1/2	20	1	150			
150	1	20	1/2"	GENERAL OUTLETS	37	38	GENERAL OUTLETS	12	1/2	20	1	150			
150	1	20	1/2"	GENERAL OUTLETS	39	40	GENERAL OUTLETS	12	1/2	20	1	150			
150	1	20	1/2"	GENERAL OUTLETS	41	42	GENERAL OUTLETS	12	1/2	20	1	150			

87,500 VA LOAD CALC: 1st. 10KVA (100%) --- 10,000 VA --- TOTAL LOAD = 28,008 VA --- 121 AMPS. REST (40%) --- 19,008 VA --- FEEDERS 3/1 THK. CU. IN 1 1/2" CONDUIT.

C A B A N A P E R M I T S E T 8 . 3 0 . 0 7

ESI DESIGN INC
ANTHONY LEON ARCHITECTURE
2001 DOUGLASS ROAD
MIAMI FL 33139
TEL: 305-448-8888
FAX: 305-448-7979
e-mail: energy@bellsouth.net

THE G A I N O R
POOL CABANA
5800 NORTH BAY ROAD
MIAMI BEACH, FLORIDA

E1.1

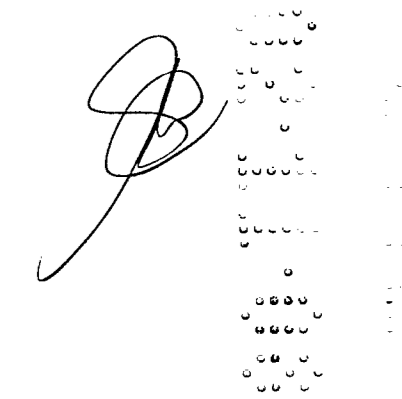
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DATE:	9.27.07
REVISIONS:	DATE:

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3D DESIGN INC.
 ANTHONY LEON ARCHITECTURE
 12334 WASHINGTON AVE. SUITE #207 MIAMI BEACH, FL 33159 T. 305.531.5208 F. 305.531.4515

ESI
 ENERGY SCIENCES INC.
 CONSULTING ENGINEERS
 C.A. #17028
 DESIGN PROFESSIONAL SEAL
 MECH./ELC. - #4624
 28th DOUGLASS BOULEVARD
 MIAMI, FL 33135
 TEL: 305-448-9900
 FAX: 305-448-7975
 e-mail: energy@esiconsult.com

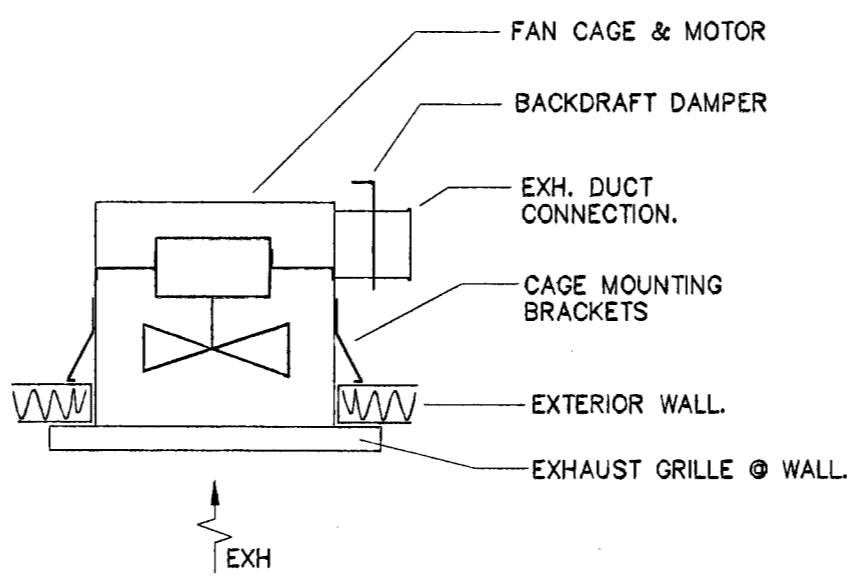
THE
G A I N O R
P O O L C A B A N A
 5800 NORTH BAY ROAD
 MIAMI BEACH, FLORIDA



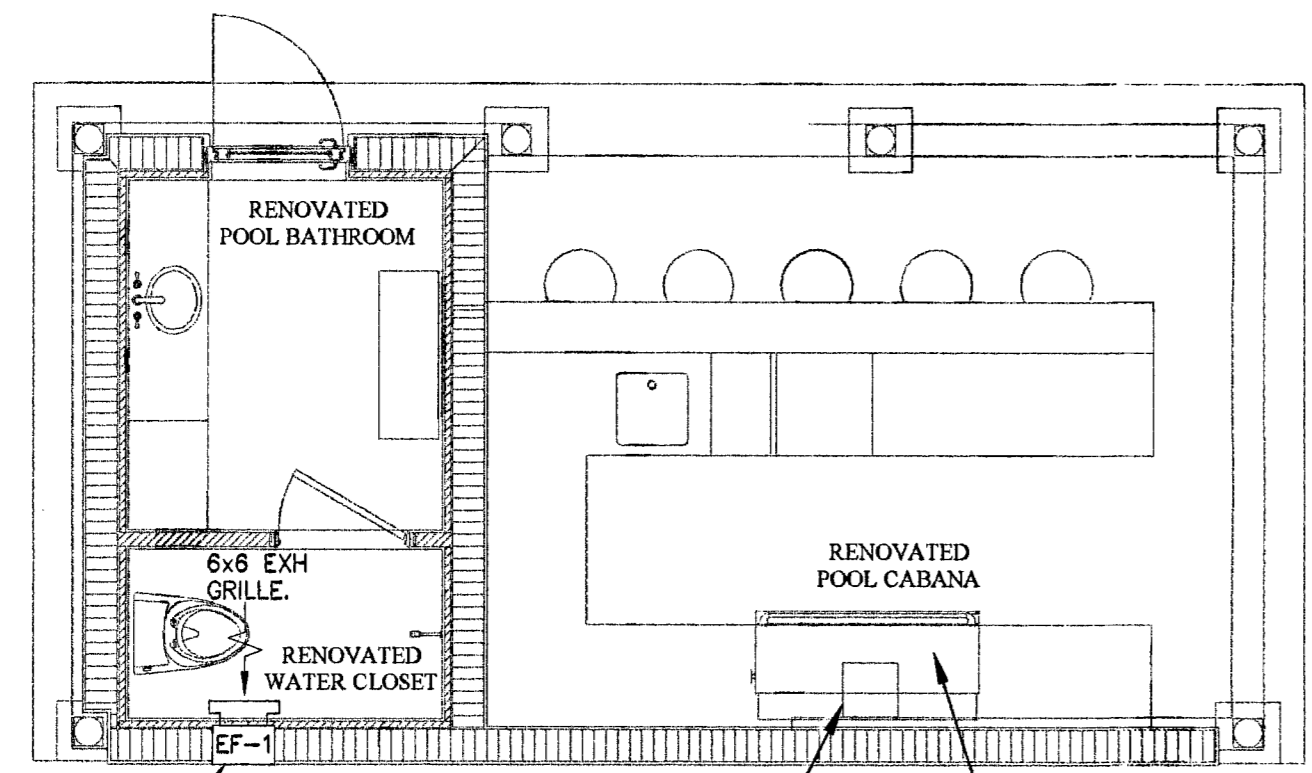
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 M1.1

EXHAUST FAN SPECS

EF-1 : "NUTONE" MODEL QTREN060, 60 CFM AIR DELIVERY @ 0.1" SP, 115 VOLTS, 60 Hz, 0.4 AMP, 12 Lbs, WALL MOUNTED W/B.D.D. BUILT-IN, ENERGY STAR QUALIFIED.



EXHAUST FAN MOUNT DETAILS
NTS



NUTONE QTREN060, 60 CFM, 120 V OR EQUAL WALL MOUNTED BATHROOM EXH. FAN & GRILLE.
 NEW HOOD ABOVE NEW BBQ, CONNECT TO EXISTING FLUE.
 NEW GAS BBQ. SEE PLUMBING SHEETS FOR DETAILS.

1 FIRST FLOOR MECHANICAL PLAN
 M1.1 3/16" = 1'-0"

H.V.A.C. NOTES

- ALL WORK SHALL BE AS PER F.B.C. AND NFPA
- ALL HEATING AND AIR CONDITIONING DUCT WORK SHALL BE FIBERGLASS, ENDURA GOLD TYPE, AS MANUFACTURED BY OWENS-CORNING. W/BACTERIAL/FUNGAL GROWTH RESISTANCE. TYPE 800 (1" THICK R-4.2) AT 1ST FLOOR WITH CONDITIONED SECOND FLOOR SPACE ABOVE, AND TYPE 800 (1.5" THICK R-6) AT 1ST AND 2ND FLOORS WITH NON-CONDITIONED ATTIC SPACE ABOVE. ALL BATHROOM, DRYER AND KITCHEN EXHAUST DUCTS SHALL BE 30 GA. GALV. METAL WITHOUT INSULATION.
- DUCT WORK SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS & ACCORDING TO ASHRAE & SMACNA STANDARDS AND IN COMPLIANCE WITH UL 181.
- DUCT DIMENSIONS ARE IN INCHES AND CORRESPOND TO INSIDE DIMENSIONS WITH ± HEIGHT. DUCT SYSTEM SHALL COMPLY WITH NFPA STD. NO. 90A AND/OR B88. DUCTWORK AND MATERIALS SHALL BE CLASS 1 MATERIALS IN ACCORDANCE WITH UL 181 TESTS.
- COORDINATE LOCATIONS, SIZES & OPENINGS W/OTHER TRADES ON THE JOB. A/C CONTRACTOR SHALL PROVIDE THE COMPLETE DUCT SYSTEM W/TURNING VANES AT ALL ELBOWS, SPLITTERS AND DAMPERS AS REQUIRED. A/C CONTRACTOR SHALL USE THE BEST PRACTICES OF THE TRADE IN THE FABRICATION AND INSTALLATION OF THE SYSTEM.
- ALL SUPPLY AIR AND RETURN AIR GRILLES/DIFFUSERS SHALL BE NEW, AND SHALL BE LOCATED AND BALANCED IN ORDER THAT THEY DELIVER THE REQUIRED CFM TO THE ENTIRE ROOM EVENLY & DRAFT FREE TO MAINTAIN THE FOLLOWING DESIGN CONDITIONS:

	INSIDE	OUTSIDE	RELATIVE HUMIDITY
COOLING - 78 DB	90 DB - 79 WB	50% to 60%	
HEATING - 72 DB	45 - DB		

- ALL TEMPERATURE CONTROLS SHALL BE DIGITAL PROGRAMMABLE THERMOSTAT MOUNTED WHERE SHOWN ON PLANS, AT 5'-0" A.F.F.
- ALL NEW GRILLES AND DIFFUSERS TO BE ALUMINUM CONSTRUCTION. DIFFUSERS SHALL HAVE HOVEN OPPOSED BLADE DAMPERS. PROVIDE GASKETS ON ALL GRILLES & DIFFUSERS.
- PROJECT ARCH. SHALL REVIEW AND APPROVE ALL DIFFUSER TYPES & FINISHES PRIOR TO PURCHASE AND INSTALLATION.
- CONTRACTOR SHALL FIELD VERIFY/COORDINATE ALL CONDITIONS AND PARAMETERS W/OTHER TRADES INVOLVED W/THE PROJECT.
- REFRIGERANT PIPING (SUCTION) SHALL BE INSULATED WITH MINIMUM 3/4" THICK ARMAFLEX INSULATION.
- ALL AIR HANDLING UNITS SHALL BE INSTALLED WITH 4" CLEARANCE ALL AROUND INSIDE MECHANICAL CLOSET.
- PLACE ALL GRILLES MIN. 12" AWAY FROM WALLS TO ACCOMMODATE FOR DRYWALL AND MOLDINGS.
- HVAC SYSTEMS SPECIFIED ON THIS PLAN AND INSTALLED AT THE PROJECT SITE WILL NOT BE USED AND IN OPERATION DURING WOOD FLOOR SANDING PROCESS.
- UPON COMPLETION OF CONSTRUCTION PRIOR TO THE DELIVERY OF THE HVAC SYSTEMS, ALL AIR HANDLING UNITS (COILS AND FAN SECTION) WILL BE CLEANED.
- AT THE TIME OF INITIAL HVAC SYSTEM START-UP, THE FOLLOWING STEPS WILL BE FOLLOWED:
 - COMPLETE HVAC SYSTEM WILL BE BALANCED AT EACH ZONE, WITHIN 5% OF SPECIFIED VALUES.
 - FAN SPEED SETTING AT EACH AIR HANDLING UNIT WILL BE VERIFIED AGAINST THE TOTAL AIR FLOW AND SUPPLY AIR TEMP. AT AHU DISCHARGE.
 - SUPPLY AIR TEMPERATURE READINGS WILL BE RECORDED AT AHU DISCHARGE AND AT THE FURTHEST SUPPLY AIR DIFFUSER / GRILLE.
 - RETURN AIR TEMPERATURE READINGS WILL BE RECORDED AT EACH AHU ZONE.
 - SUPPLY AND RETURN AIR DIFFERENTIAL IN THE RANGE OF 15 - 20 DEG. WILL BE OBSERVED; OTHERWISE, FAN SPEED SETTINGS WILL BE MODIFIED IN ORDER TO ACHIEVE SUCH READINGS.
 - SUPPLY AIR TEMPERATURE READING AT EACH AHU DISCHARGE POINT, (RECORDED BY PROBE, TYPE INSTRUMENT INSERTED DIRECTLY INTO THE AIR STREAM) WILL NOT BE LOWER THAN 53 DEG. F. OR HIGHER THAN 58 DEG. F.; OTHERWISE FAN SPEED SETTINGS WILL BE CHANGED.
 - ALL OF THE START-UP TESTS NOTED ABOVE WILL BE CARRIED OUT, AFTER THE SYSTEMS HAVE BEEN RUNNING FOR A PERIOD OF 24 HOURS.
 - AT THE CONCLUSION OF THE START UP TESTING, ALL DUCT WORK WITHIN THE ATTIC SPACE WILL BE OBSERVED FOR SIGN OF CONDENSATION ON DUCT SURFACE, DAILY, FOR A PERIOD OF ONE WEEK.
 - IN THE EVENT THAT TEMPERATURE READINGS AND / OR AIR FLOW QUANTITIES, ARE FOUND TO DIFFER FROM THE PARAMETERS NOTED ABOVE, AND / OR CONDENSATION IS OBSERVED ON THE DUCT SURFACE WITHIN THE ATTIC SPACE, PROJECT ARCHITECT AND ENGINEER WILL BE NOTIFIED FOR FURTHER EVALUATION AND IMPLEMENTATION OF CORRECTIVE MEASURES.

SHEET TITLE:	FIRST FLOOR PLAN
DRAWN:	
DATE:	9.27.07
REVISIONS:	DATE

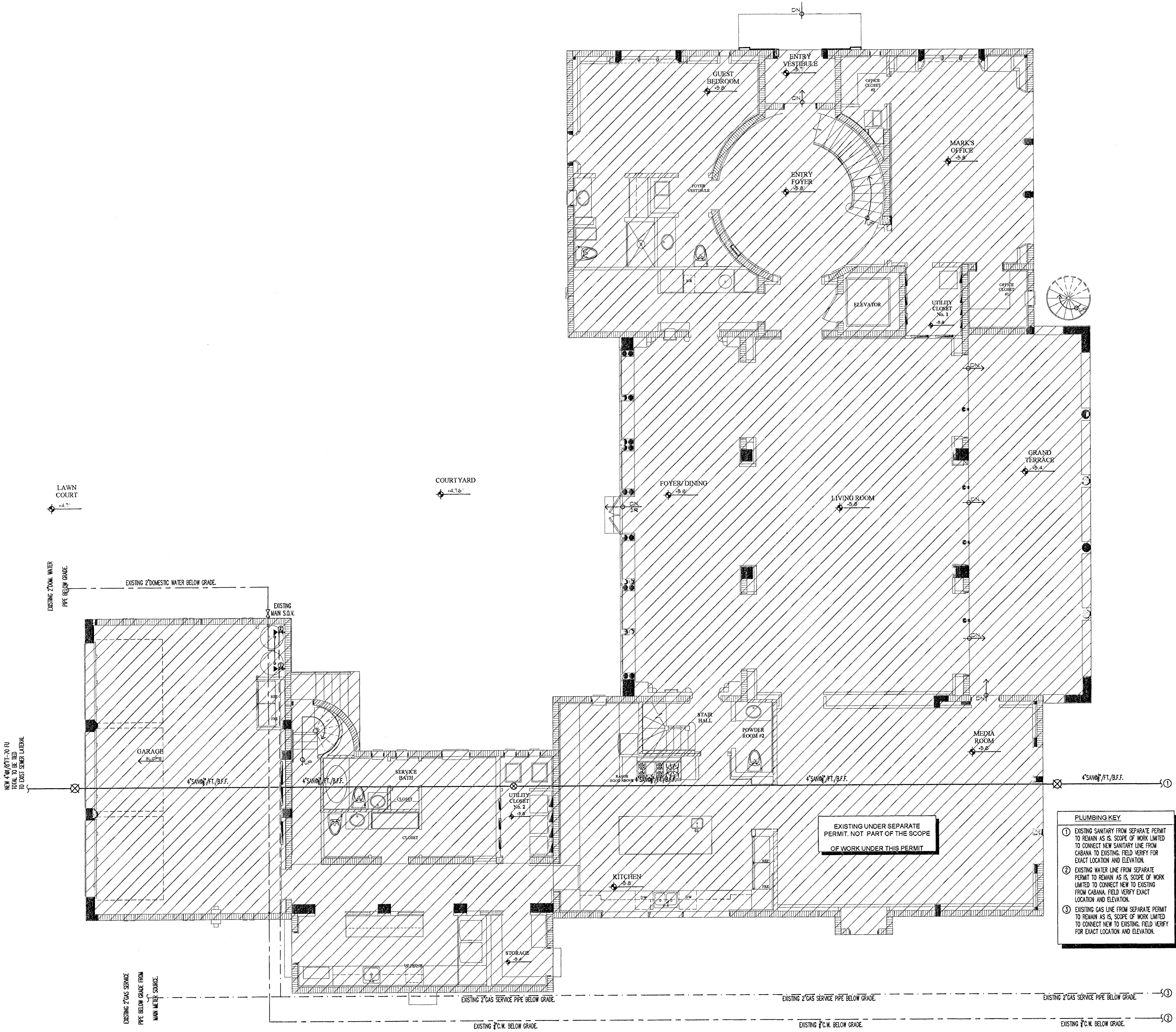
CABANA PERMIT SET 9.27.07

DESIGN
ANTHONY LEON
ARCHITECTURE

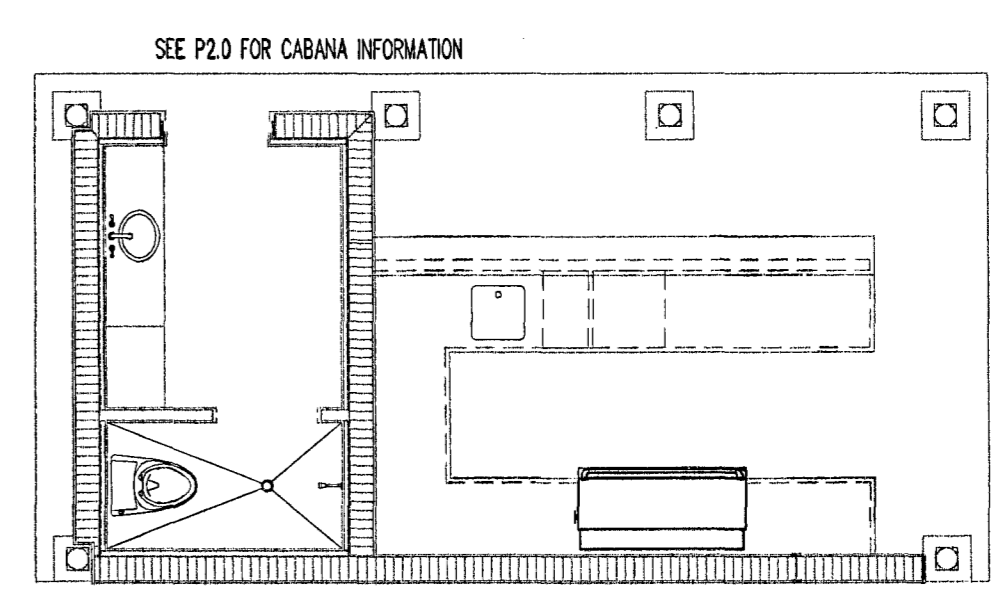
1234 WASHINGTON AVE., SUITE 207 MIAMI BEACH, FL 33139 T: 305-551-5208 F: 305-551-4515

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THE
GAINOR
POOL CABANA
5800 NORTH BAY ROAD
MIAMI BEACH, FLORIDA



- PLUMBING KEY**
- ① EXISTING SANITARY FROM SEPARATE PERMIT TO REMAIN AS IS. SCOPE OF WORK LIMITED TO CONNECT NEW SANITARY LINE FROM CABANA TO EXISTING. FIELD VERIFY FOR EXACT LOCATION AND ELEVATION.
 - ② EXISTING WATER LINE FROM SEPARATE PERMIT TO REMAIN AS IS. SCOPE OF WORK LIMITED TO CONNECT NEW TO EXISTING FROM CABANA. FIELD VERIFY EXACT LOCATION AND ELEVATION.
 - ③ EXISTING GAS LINE FROM SEPARATE PERMIT TO REMAIN AS IS. SCOPE OF WORK LIMITED TO CONNECT NEW TO EXISTING. FIELD VERIFY FOR EXACT LOCATION AND ELEVATION.



1 FIRST FLOOR PLUMBING PLAN
P1.1 3/16" = 1'-0"

Plumbing Notes

- ALL PLUMBING WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE "FLORIDA BUILDING CODE 2004 EDITION" LOCAL ORDINANCE AND IN COMPLIANCE WITH FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION.
- CONTRACTOR TO VERIFY AT SITE LOCATION THE ELEVATION AND SIZE OF EXISTING WATER AND SEWER MAINS FOR CONNECTION OF NEW SERVICES BEFORE INSTALLATION OF ANY PIPING.
- UNDERGROUND METAL PIPING SHALL BE PROTECTED WITH COAT OF BITUMINOUS COMPOUND ("BITUSMATIC" OR EQUAL) BEFORE COVERING.
- PROVIDE SHUT-OFF AND VACUUM BREAKER TO ALL HOSE BIBBS AND FAUCETS WITH HOSE-END CONNECTION.
- PLUMBING FIXTURES SHALL BE SUPPLIED BY OWNER AND INSTALLED BY CONTRACTOR.
- SLOPE OF HORIZONTAL DRAINAGE PIPE:

SIZE (INCHES)	MIN. SLOPE (INCH PER FOOT)
2 1/2 OR LESS	1/4"
3 TO 6	1/8"
8 OR LARGER	1/16"
- PROVIDE FULLY ACCESSIBLE CLEANOUTS ON SANITARY AND ANY WASTE PIPING AT EVERY CHANGE OF DIRECTION AND AT BOTTOM OF STACKS CLEAN OUT LOCATION AND SIZES ON HORIZONTAL LINES SHALL BE ACCORDING TO CODE.
- VENT LINES SHALL EXTEND 8" MIN. ABOVE ROOF AND FLASHED WITH LEAD OR CONNECTED TO EXISTING VENT LINES.
- ALL FLOOR DRAINS SHALL HAVE TRAP PRIMERS TO PROTECT THE SEAL OF THE TRAP.
- PROVIDE CONTROL VALVES TO ALL MAINS ENTERING THE BUILDING, RISERS, BRANCHES, GROUPS OF FIXTURES, AND TO EACH PIECE OF EQUIPMENT.
- THE MAXIMUM WATER CONSUMPTION FLOW RATES AND QUANTITIES FOR ALL PLUMBING FIXTURES FITTINGS SHALL BE IN ACCORDANCE WITH TABLE 604.4 F.B.C.

NOTE:
ALL WASTE PIPING SLIP JOINTS SHALL BE SOLDERED, OR SOLVENT CEMENTED SO AS TO FORM A SOLID CONNECTION PER FBC 405.8 CRITERIA. IF NO ACCESS IS PROVIDED FOR SUCH PIPE CONNECTIONS.

WATER HAMMERS:
A WATER-HAMMER ARRESTOR SHALL BE INSTALLED WHERE QUICK-CLOSING VALVES ARE UTILIZED, UNLESS OTHERWISE APPROVED. WATER-HAMMER ARRESTORS SHALL CONFORM TO ASSE 1010. ACCESS SHALL BE PROVIDED TO WATER-HAMMER ARRESTORS.

NOTE:
ALL STORM DRAINAGE RUN OFF FROM ROOF AND TERRACES SHALL TERMINATE AT GRASSY AREA, AND SHALL BE RETAINED WITHIN THE PROPERTY. SEE ARCHITECTURE PLAN.

NOTE:
ALL INDIRECT WASTE TO FLOOR DRAINS SHALL BE 2" MINIMUM WHEN INSTALLED BELOW GRADE. ALL INDIRECT WASTE PIPING THAT EXCEEDS 2FT IN LENGTH SHALL BE TRAPPED UNLESS A TRAP IS PROVIDED INTERNALLY AS PART OF THE APPLIANCE IS IN USE. IF SUCH APPLIANCE IS IN USE, PROVIDE SPEC SHEET. W/INTERNAL TRAP SHOWN/INTERNAL TRAP SHOWN NOTED FOR FIELD INSPECTOR'S REVIEW, DURING CONSTRUCTION.

ALL FIXTURE DRAINS FROM VENTED LINES SHALL BE PER FBC 406.1, MAX. OF 10FT. FROM A VENTED 3" LINE AND MAXIMUM OF 8FT. FROM A VENTED 2" LINE.

NOTE:
ALL SANITARY PIPE 2 1/2" OR SMALLER SHALL RUN @ 1/4" SLOPE PER L.F.T. 3" AND LARGER @ 1/8" SLOPE PER L.F.T.

NOTE:
ALL AIR ADMITTANCE VALVES LOCATION SHALL BE PER F.B.C. 917.31

NOTE:
SEE ARCH. PLANS FOR ALL OCCUPANCY LOADS OF COMMON AREAS.

NOTE:
ALL PLUMBING WATER DEVICE PROVIDE SHUT-OFF VALVE.

NOTE:
PLUMBING FIXTURES SHALL COMPLY WITH REFERENCED STANDARDS AS PER F.B.C. 2004 PLUMBING CHAPTER 4.

Piping Materials

- SANITARY WASTE, VENT AND STORM DRAIN BELOW GROUND: "CAST IRON", SERVICE WEIGHT, PIPE, & FITTINGS ACCORDING TO ASTM A-74 HUB & SPOUT OR, ABOVE GROUND: "CAST IRON", SOIL PIPE, "HUBLESS", ACCORDING TO CSP1-20-78, ASTM A-74, WITH STAINLESS STEEL SHIELD AND CLAMPS OVER NEOPRENE SEALING SLEEVE. ALTERNATE: THE PLUMBING CONTRACTOR MAY SELECT IF APPROVED BY OWNER TO USE THE FOLLOWING MATERIAL SPECIFICATION FOR WASTE, VENT AND STORM DRAIN SYSTEM: POLYVINYL CHLORIDE (PVC) PIPE & FITTINGS (SCHEDULE 40). MATERIAL SHALL COMPLY WITH D-1784, TYPE 1, GRADE 1 COMPOUND. PIPE SHALL COMPLY WITH ASTM D-1785.

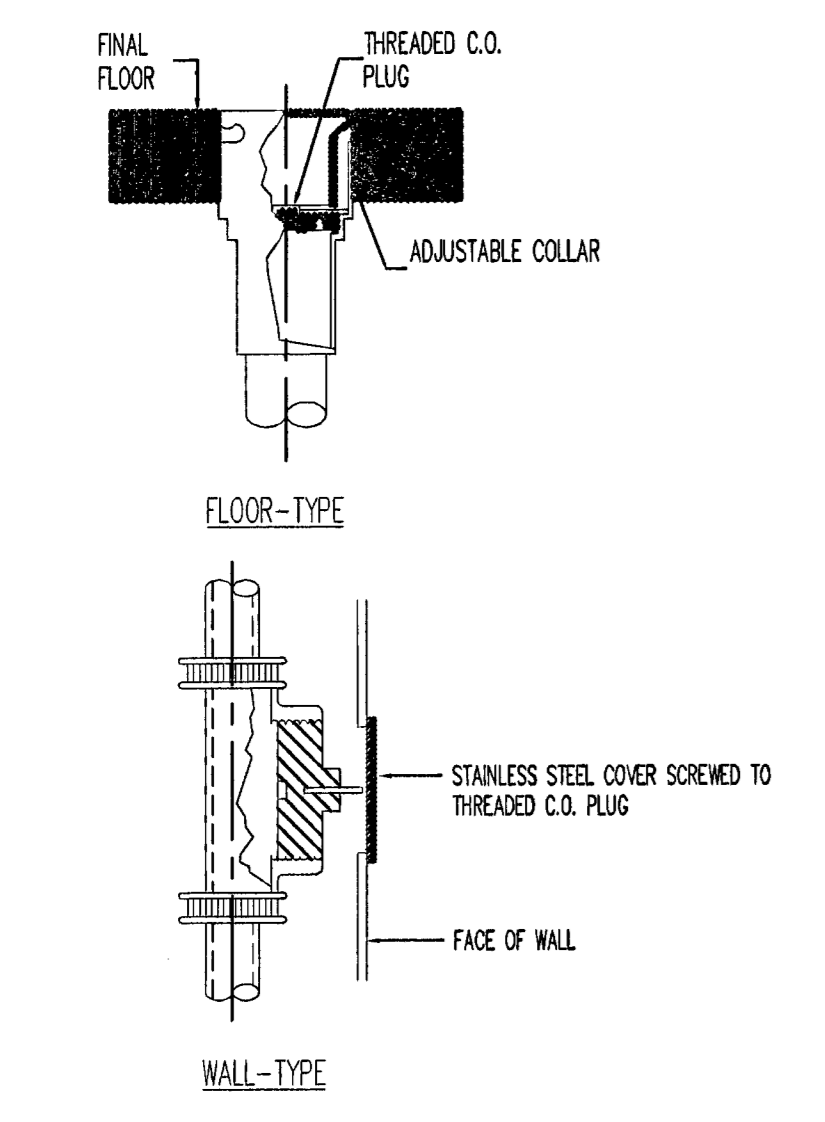
- FITTINGS SHALL COMPLY WITH ASTM D-2467 SOCKET TYPE. SOLVENT CEMENT SHALL COMPLY WITH D-2554.
- CONDENSATE DRAINS FROM AIR CONDITIONING UNITS: "PVC" SCHEDULE 40 PIPE & FITTINGS.
 - DOMESTIC WATER ABOVE GROUND: TYPE L COPPER PIPE WITH WROUGHT COPPER SOLDERED JOINT FITTINGS. TYPE K COPPER BELOW GROUND, FULLY SLEEVED, PIPE ACCORDING TO ASTM B-42. TUBE ACCORDING TO ASTM B-88. ALTERNATE FOR UNDERGROUND PIPE: CAST IRON WATER PIPE ACCORDING TO ANSI A 21.8. STEEL PIPE (SCHEDULE 40, GALVANIZED) ACCORDING TO ASTM A120-B8.
 - ALL CONTROL VALVES FOR DOMESTIC WATER SHALL BE CAST BRASS OR B-88 BRONZE GATE VALVES.
 - PROVIDE DIELECTRIC FITTINGS FOR JOINING DISSIMILAR METALS.

Domestic Water Piping

- PIPE HANGERS AND SUPPORTS: PROVIDE ADJUSTABLE HANGERS, INSERTS, BRACKETS, ROLLS, CLAMPS AND SUPPLEMENTARY STEEL AS REQUIRED FOR PROPER SUPPORT OF PIPE LINES. HANGERS SHALL ALLOW FOR EXPANSION AND CONTRACTION OF PIPE LINES AND COVERING TO RUN CONTINUOUSLY THROUGH HANGERS.
- SPACING AND SIZES

A. HORIZONTAL CARBON STEEL PIPE		
PIPE SIZE	ROD DIAMETER	MAXIMUM SPACING
UP TO 1-1/4"	3/8"	8'
1-1/2" & 2"	3/8"	10'

B. HORIZONTAL COPPER PIPING		
PIPE SIZE	ROD DIAMETER	MAXIMUM SPACING
UP TO 1"	3/8"	8'
1-1/4" & 1-1/2"	3/8"	8'
2"	3/8"	8'

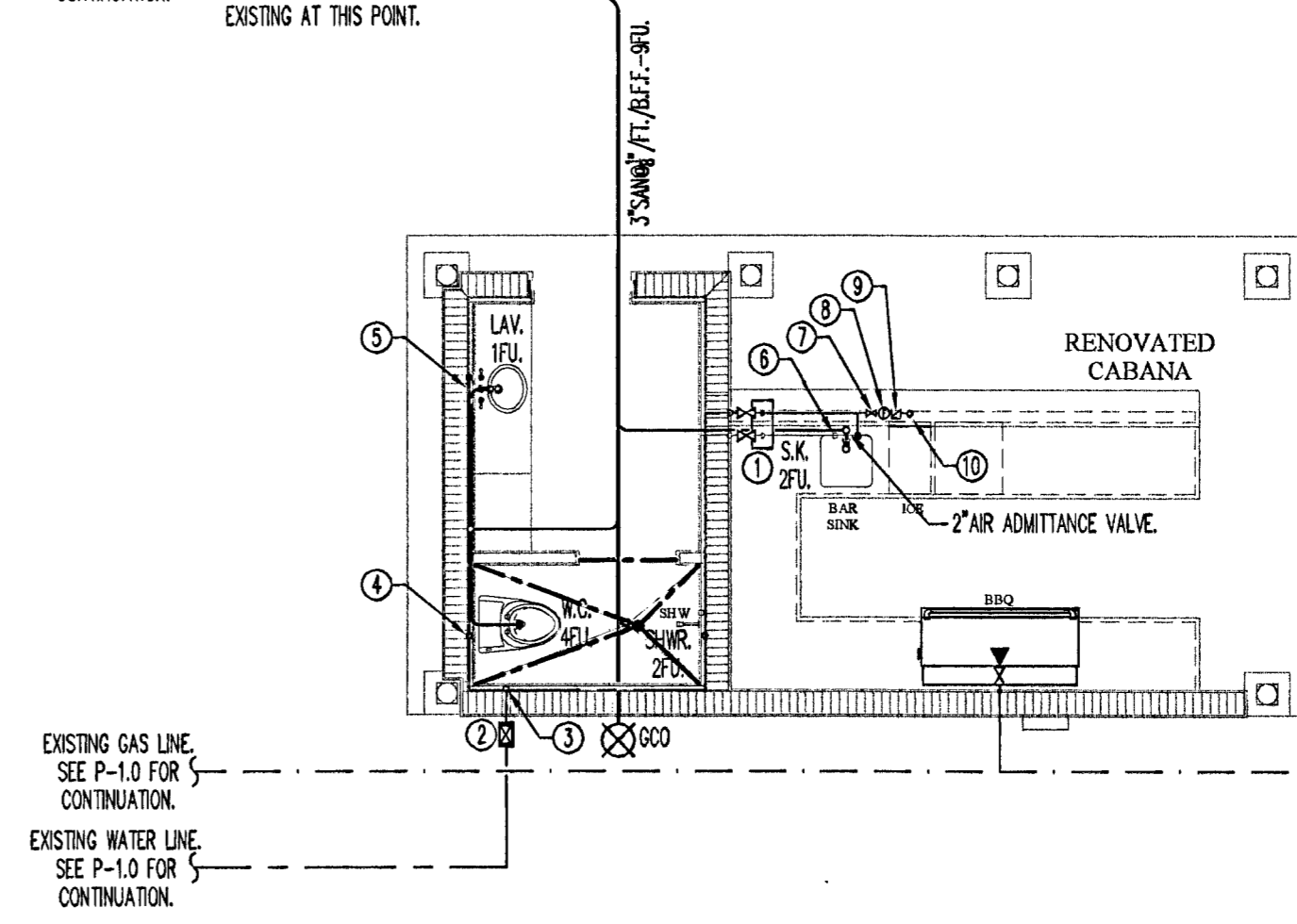
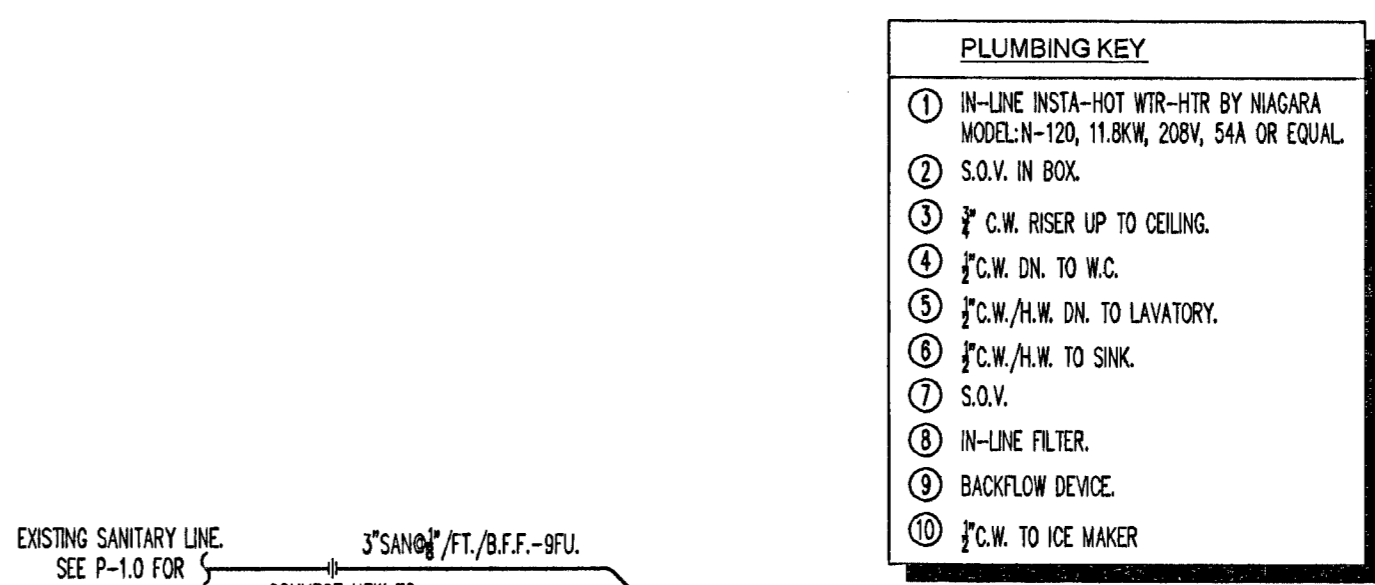
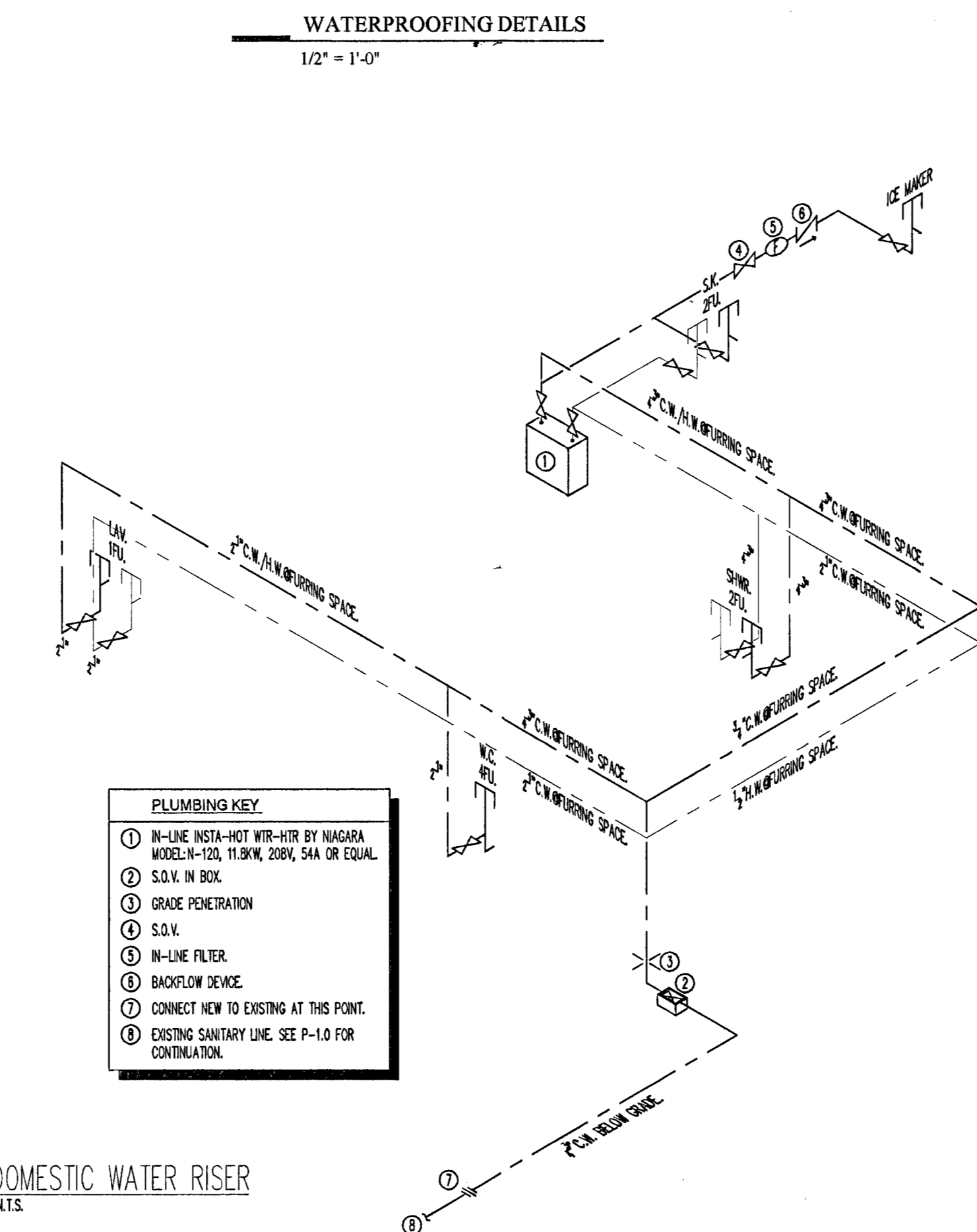
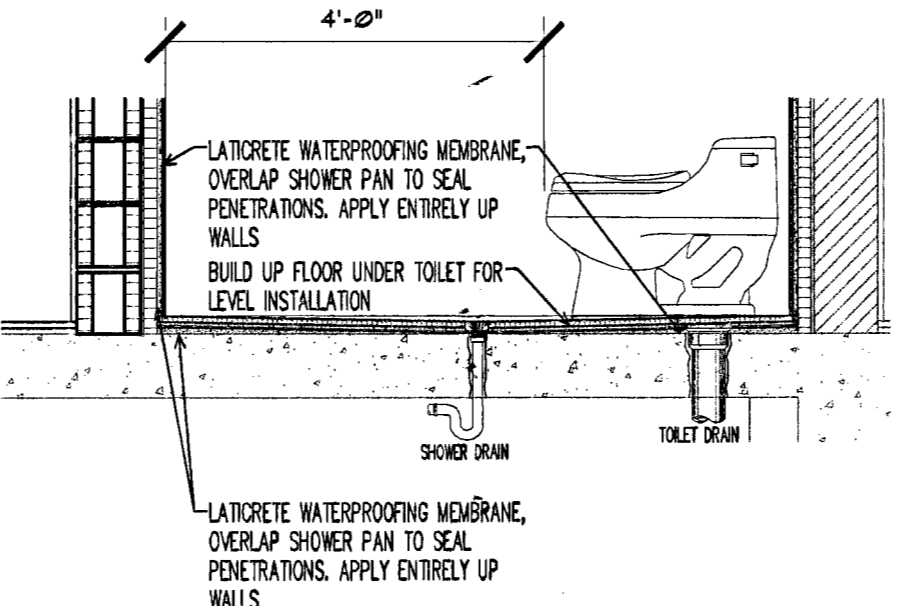
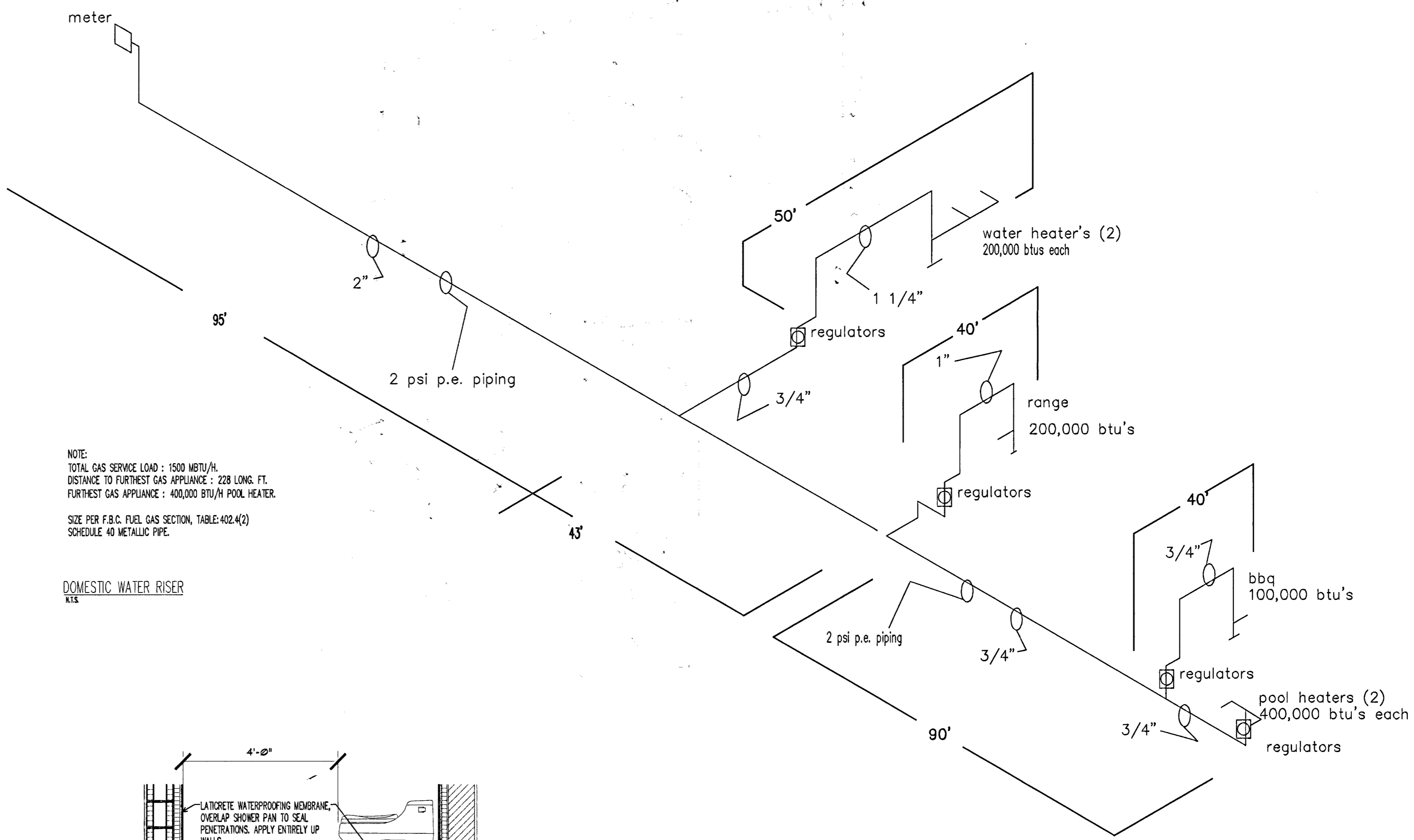
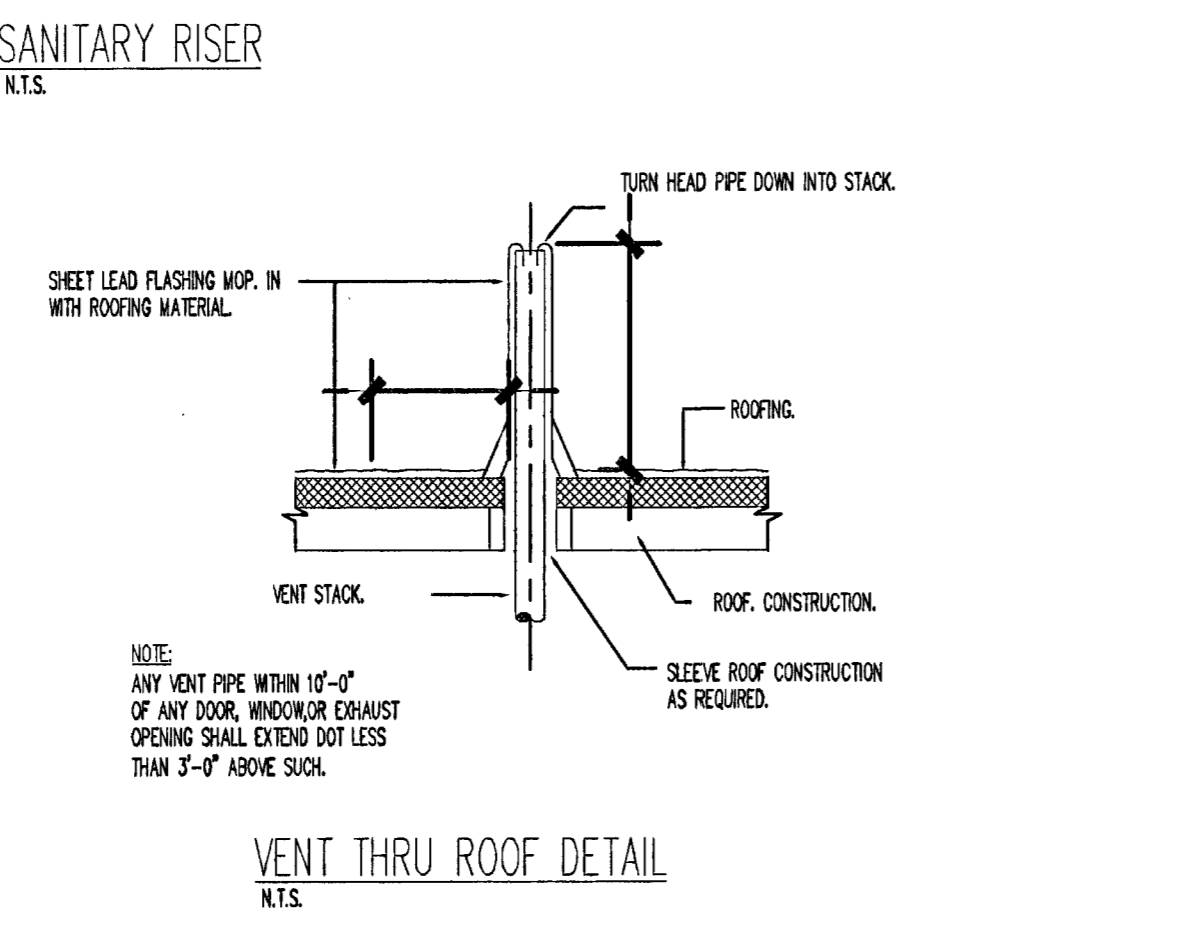
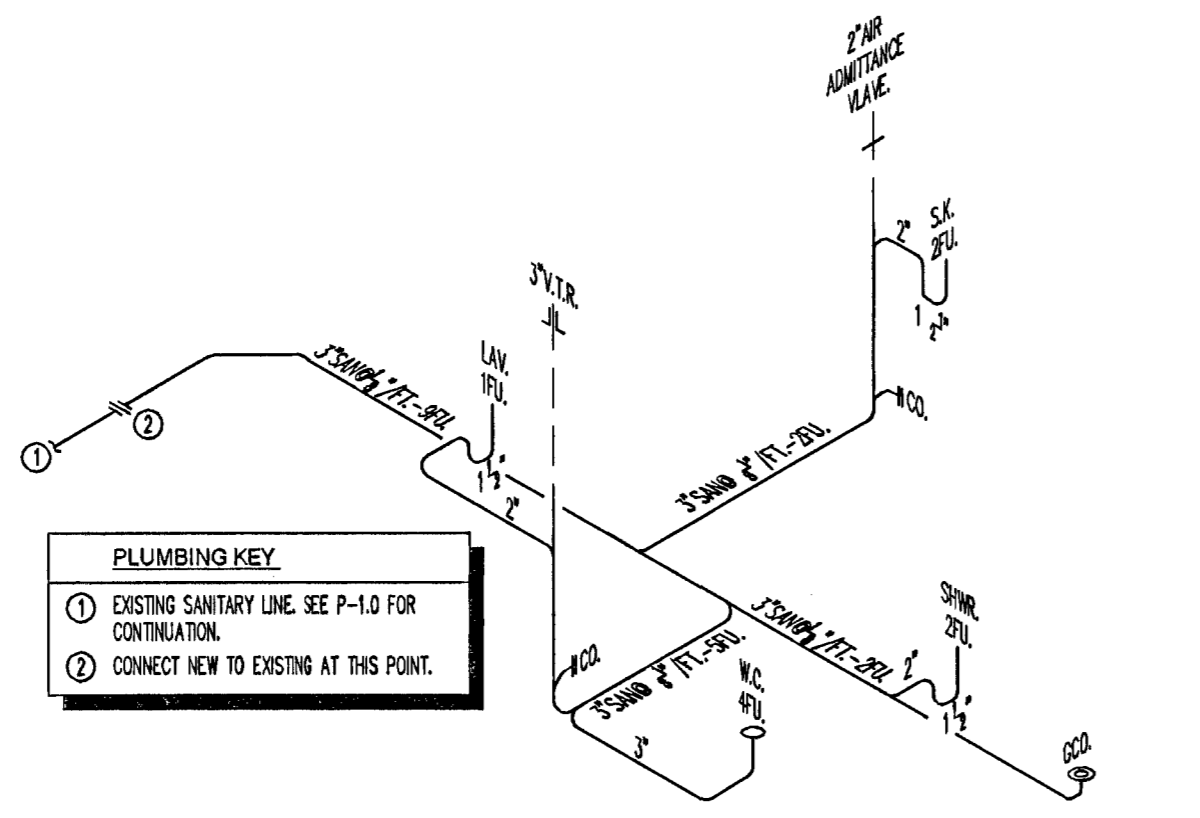


PLUMBING FIXTURE CONNECTION SCHEDULE

FIXTURE TYPE	TRAP SIZE	C.W.	H.W.	* FLOW RATE (gpm)	DESCRIPTION
WATER CLOSET	3"	2"	-	1.6	
LAVATORY	2"	2"	2"	2	
SHOWER	2"	2"	2"	3	w/ ANTI-SCALD VALVES
BAR SINK	2"	2"	2"	3	

NOTE: ALL DRAIN PIPING UNDER SLAB SHALL BE 2" MIN, 2" & LESS @ DRAIN @ 1/4" DROP, 3" & 4" AND UP @ DRAIN @ 1/8" DROP

* ALL FLOW RATE SHALL BE PER F.B.C. TABLE 604.4



SHEET TITLE:	FIRST FLOOR PLAN
DRAWN:	
DATE:	9.27.07
REVISIONS:	DATE

3D DESIGN INC.
ANTHONY LEON ARCHITECTURE
1234 WASHINGTON AVE. SUITE 207 MIAMI BEACH, FL 33139 T.305.551.5208 F.305.551.4515

ESI
ENERGY, SCIENCES AND CONSULTING ENGINEERS
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E-MAIL: esig@esiinc.com

THE GAINOR
POOL CABANA
5800 NORTH BAY ROAD
MIAMI BEACH, FLORIDA

C A B A N A P E R M I T S E T 9 . 2 7 . 0 7

P2.1
P2.1

OFFICE COPY
 BOBO 1495
 5800 N. Bay
 ROAD

48 HOURS PRIOR TO EXCAVATING
 CONTRACTOR SHALL CALL FOR LOCATION
 OF UNDERGROUND UTILITIES
 SUNSHINE ONE-CALL 1-800-432-4770
 CITY OF MIAMI BEACH 305-673-7080

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

THIS PLAN REVIEW CONSTITUTES APPROVAL FOR
 OBTAINING BUILDING PERMITS ONLY.

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

Permit Requirements: Proof of existing sidewalk/swale area conditions
 (pictures) and or posting of sidewalk/roadway bonds
 (Public Works Inspection of the right-of-way will be required prior to
 final sign-off on the C.C./C.O., or the release of bonds.)

Reviewed By: *GLK* Date: *01-17-2008*

30801495
OFFICE COPY
CITY OF MIAMI
 APPROVED FOR PERMIT
 THE FOLLOWING:

CONCURRENCE:
 PLUMBING: *St. John 01/17/08*
 ELECTRICAL: *02/05/08*
 MECHANICAL: *02/05/08*
 FIRE ALARM: *02/05/08*
 FIRE EXTINGUISHING: *02/05/08*
 STRUCTURAL: *02/05/08*
 MECHANICAL: *02/05/08*

As per Florida Building Code Section 104.5.3
 REVIEWED FOR CODE COMPLIANCE

CITY OF MIAMI BEACH
Building Department
1700 Convention Ctr Drive, 2nd Floor
Miami Beach, Florida 33139

Inspections: (305) 673-7370

Office: (305) 673-7610

Building Work Permit

02-11-2008

Activity Number: B0801495

Status:	APPROVED	Issued By:	BUILTRIL
Site Address:	5800 N BAY RD MBCH	Applied:	01/17/2008
Parcel #:	32150030270	Approved:	02/11/2008
		Completed:	
		To Expire:	08/09/2008
Valuation:	\$35,900.00		

Applicant:	FRAME-PRO CONSTRUCTION CORP	Property Owner:	MARK J GAINOR & W ELYSE S
	17031 SW 150 CT		MARK J GAINOR TRUSTEE
	MIAMI FL 33187		7463 FISHER ISLAND DR 331090717
	786-346-0932		

CONDITON(s):

Description: **RENOVATION OF EXISTING POOL CABANA:**
Inspector Area: C Class Code: R3

=====

DETAIL LIST

Alteration/Repair Fees

Alteration Bulding/Structures - Per Costs:	\$35,900.00	\$675.00
Awning, Canopy, Patio Cover - Per Costs:	\$0.00	\$0.00
Area Under Roof - RADON - Per Sq.Ft.:	325	\$3.25
Walk-Thru - Per Valuation:	\$0.00	\$36.00
Repairs to Building/Structure - Per Costs:	\$0.00	\$0.00
Roofing or Re-roofing - Per Sq.Ft.:	0	\$0.00
Window/Doors - Per # of:	0	\$0.00
Signs 36-4 (Writer/Erect) - Per Sq.Ft.:	0	\$0.00
Fence and/or Wall - Per Linear Feet:	0	\$0.00
Partial Demo (Struct, Sign, Wall) - Per Costs:	\$0.00	\$0.00
Swimming Pool - Per Gallon:	0	\$0.00
Painting - Per Costs:	\$0.00	\$0.00
Sandblasting - Per Costs:	\$0.00	\$0.00
Paving - Per Sq.Ft.:	0	\$0.00
Concrete Slab - No Paving - Per Sq.Ft.:	0	\$0.00
Trees - Per # of:	0	
Hedges - Per Linear Feet:	0	
Groundcover - Per Sq.Ft.:	0	
Landscaping Fee:		\$0.00
Other Fees:		\$0.00
Penalty Fee (If Applicable):		\$0.00

Activity Number: B0801495

Fire Safety Fees

New Building or Addition - Per Sq.Ft.:	0	\$0.00
Storage/Industrial Bldg - E & F Occup - Per Sq.Ft.:	0	\$0.00
Greenhouse/Argiculture on Premises - Per Sq.Ft.:	0	\$0.00
Screen Enclsoure/Trail on Premises - Per Sq.Ft.:	0	\$0.00
SS Underground Tanks/App Shelter - Per #:	0	\$0.00
Construction not shown Above - Per Costs:	\$0.00	\$0.00
Alt/Repair Building/Structure - Per Costs:	\$0.00	\$0.00

Marine Structure Fee

Dock Area - Per Sq.Ft.:	0	\$0.00
Seawall - Per Linear Feet:	0	\$0.00
Boat Lifts, Davits, Hoist - Per # of:	0	\$0.00
Batter, Mooring, Dock Piles - Per # of:	0	\$0.00
Marine Structure Alt/Repair - Per Costs:	\$0.00	\$0.00

SFBC Compliance Surcharge

New Const/Add - Res/Mult-Fam/Comm - Per Sq.Ft.:	0	\$0.00
New Const/Add - Strg/Ind/Msc - Per Sq.Ft.:	0	\$0.00
Cost for Other Construction:		\$0.00

Training Fee

Training Fee:		\$36.00
Sanitation Fee:		\$107.70

Additional Fees

1st Reinspection:		\$0.00
Continued Reinspections - Per # of:	0	\$0.00
Building Joint Inspections - Per # of:	0	\$0.00
Change of Contractor Per # of:	0	\$0.00
Permit Extension - Per # of:	0	\$0.00

Residential Card:		
Commercial Card:		
Permit Card Replacements:		\$0.00

Lost Plan Fee - SF:		\$0.00
Lost Plan Fee - Other:		\$0.00
Overtime Inspection Fees:		<u>\$0.00</u>

Total of All Fees:		\$879.55
Total of Payments:		\$879.55
Balance Due:		\$0.00

=====



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

B0801495
ENG LTR 001

April 17, 2008

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

Subject: New in-fill wall built without Horiz. Joint Reinforcing

Dear Building Official,

It has been brought to our attention that the new pool pavilion wall installed at the existing pool cabana building at the above referenced residence was erected without installing the horizontal joint reinforcing. The vertical reinforcing is spaced at 32" on center, therefore, the masonry spans 2'-8" horizontally. The maximum allowed tension stress in masonry per chapter 2 of ACI 530-02 for stresses parallel to joints is 30 psi for both M and S mortars. We have attached calculation herewith indicating the actual stress in the masonry is 14.7 psi and thus is 49% of the allowed stress; therefore, the as-built wall should be considered acceptable and need not be demolished and reconstructed.

If you have any questions or are in need of clarification, please do not hesitate to contact our office.

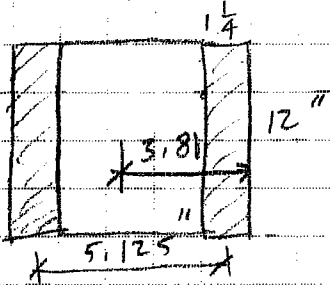
Sincerely,
Siddiq Khan & Associates, Inc.

Taimur A. Khan, P.E.

Pool Pavillion Masonry w/o Para-wall Horiz St Rein
 $1\frac{2}{3}$ 10 SF use Zone 5 press = 80 psf

Max moment = $2.67^2 \times 80 / 9 = 63.4 \text{ ft-k}$
 ↑ used here cont. spans.
 ↑ Dist Between Vert Reinf.

Find I of Masonry:



$$I = (2)(1.25)(12)\left(\frac{5.125}{2}\right)^2 = 197 \text{ in}^4$$

$$f_b = \frac{63.4(12)(3.81)}{197} = 14.7 \text{ psf}$$

Allow Tensile stress = 30 psf (ALI Ch. 2 Parallel to Jt.)
 25 psf Perp. To Joint

$$\frac{f_b}{F_b} = \frac{14.7}{30} = 0.49 < 1.0 \text{ is OK}$$

∴ Masonry Wall Stresses O.K. w/o
 Horiz St Rein.

T.A. Khan
 4/17/08
 FL PE 60994

Activity Number: BE081340

Equipment Outlets - Permanent Connection - Cont.

Refrigerator:	0	\$0.00
Deep Freezer:	0	\$0.00
Wall/Window A.C.:	0	\$0.00
A.C. - Not Wall/Window:	0	\$0.00
Motors Up to 1 HP:	0	\$0.00
Motors from 2 HP thru 10 HP:	0	\$0.00
Motors Greater than 10 HP:	0	\$0.00
Portable X-ray (DDS):	0	\$0.00
Stationary X-ray (MD):	0	\$0.00
Diathermic Units:	0	\$0.00
Isolation Units:	0	\$0.00

Antenna-TV-Intercom-Phones

Antenna, Outlets, etc.:	0	\$0.00
Receiving Antennas:	0	\$0.00
Detection Central System:	0	\$0.00
Smoke Detectors:	0	\$0.00
Heads or Target Area Speakers:	0	\$0.00
Bell Alarm Station:	0	\$0.00
Light Fixtures:	10	\$10.50
Combination Light Fixtures:	0	\$0.00
Streamed/Festoon Lights:	0	\$0.00
Plugmold:	0	\$0.00

Generator/Transformers

Up to 5 KVA/KW:	0	\$0.00
6 to 10 KVA/KW:	0	\$0.00
11 to 15 KVA/KW:	0	\$0.00
16 to 20 KVA/KW:	0	\$0.00
21 to 25 KVA/KW:	0	\$0.00
25 KVA or KW:	0	\$0.00
Same floor, largest above, additional units:	0	\$0.00
Weld Machine Outlet to 25 Amps:	0	\$0.00
Weld Machine Outlet Over 25 Amps:	0	\$0.00

Special Purpose Outlets

Special Purpose Commercial Outlets:	0	\$0.00
Painting, Bake Oven, Outlet:	0	\$0.00
Sign Face:	0	\$0.00
Sign Repair - Connect or Reconnect:	0	\$0.00
Resident Pool/Spa Lighting:	0	\$0.00
Combination Pool/Spa Lighting:	0	\$0.00
Commercial/Multi-Family Pool:	0	\$0.00
Commercial/Multi-Family Combo:	0	\$0.00
Temporary Equipment Gr. for Carnival/Circus:	0	\$0.00

Fire Safety

Floor Accept Test Alarm System:		\$0.00
---------------------------------	--	--------

SFBC Compliance Fees

SFBC Compliance Fee:		\$0.00
Training Fee:		\$2.00
Extra Fee - Penalty:		\$0.00
Sanitation Fee:		\$20.00

Activity Number: BE081340

Additional Fees

1st Reinspection:	\$0.00
Continued Reinspections:	\$0.00
Change of Contractor:	\$0.00
Permit Extension:	\$0.00
Permit Card Replacements:	\$0.00
Overtime Inspection Fees:	<u>\$0.00</u>
Total of All Fees:	\$82.00
Total of Payments:	\$82.00
Balance Due:	\$0.00

82.00

WORK PERMIT APPLICATION

(PLEASE FILL OUT COMPLETELY)

BE081340

DATE: 03 / 03 / 08

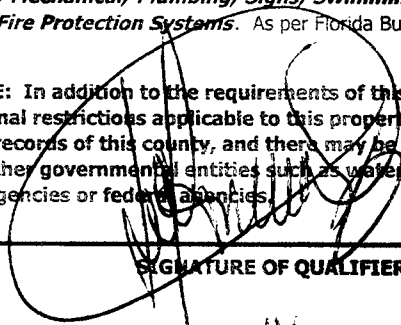
CODE IN EFFECT: FLORIDA BUILDING CODE

IF SUBSIDIARY OR REVISION PROVIDE THE MASTER BUILDING PERMIT NUMBER HERE:		B B0801495	
LOCATION OF IMPROVEMENTS		CONTRACTOR INFORMATION	
JOB ADDRESS: 5800 N Bay Road.	LICENSE #: 95E000314		
FOLIO NUMBER: 02-3215-003-0270	SS #: 267-99-9520		
LOT: _____	COMPANY: Navaro Electrical Services, Inc.		
BLOCK: _____	QUALIFIER: Daniel E. Navarro		
SUBDIVISION: _____	ADDRESS: 12401 W. Okeechobee Rd.		
P. B. PAGE: _____	CITY/STATE/ZIP: Hialeah Gardens, FL 33018		
YEAR BUILT: _____	PHONE #: (305) 226-5545		
TYPE OF IMPROVEMENTS			
DESCRIPTION OF WORK: New receptacles to existing Cabana			
VALUE OF WORK: \$ 1,200.00	NO BLDGS.: _____	NO OF UNITS: _____	NO OF FLOORS: _____
SQUARE FEET: _____	LINEAL FEET: _____	POOL GALLONAGE: _____	
<input type="checkbox"/> NEW CONSTRUCTION ON VACANT LAND	<input type="checkbox"/> FOUNDATION ONLY <input type="checkbox"/> ENCLOSURE	<input type="checkbox"/> SHELL ONLY <input type="checkbox"/> ADDITION ATTACHED	<input type="checkbox"/> SIGNS <input type="checkbox"/> SWIMMING POOL/SPA
<input checked="" type="checkbox"/> ALTERATION INTERIOR	<input type="checkbox"/> REPAIR <input type="checkbox"/> REPAIR DUE TO FIRE	<input type="checkbox"/> ADDITION DETACHED <input type="checkbox"/> AWNING/CANOPIES	<input type="checkbox"/> HURRICANE SHUTTERS <input type="checkbox"/> WINDOWS/SLIDING DOORS
<input type="checkbox"/> ALTERATION EXTERIOR	<input type="checkbox"/> DEMOLISH	<input type="checkbox"/> FENCING	
ROOFING			
<input type="checkbox"/> (92) LOW SLOPE APPLICATION (GRAVEL, SMOOTH MODIFIED, SINGLE PLY)	SQUARE FEET _____		
<input type="checkbox"/> (95) SHINGLES (ASPHALT, FIBERGLASS)	<input type="checkbox"/> SINGLE FAMILY		
<input type="checkbox"/> (96) SHINGLES (METAL ROOFS/WOOD SHINGLES & SHAKE)	<input type="checkbox"/> MULTI-FAMILY		
<input type="checkbox"/> (0107) TILE ROOF	<input type="checkbox"/> COMMERCIAL		
<input type="checkbox"/> LIGHT WEIGHT			
PERMIT TYPE		CHANGE TO EXISTING	
<input type="checkbox"/> BUILDING	<input type="checkbox"/> MECHANICAL	<input type="checkbox"/> CHANGE CONTRACTOR	<input type="checkbox"/> PERMIT UPGRADE
<input checked="" type="checkbox"/> ELECTRICAL	<input type="checkbox"/> PLUMBING	<input type="checkbox"/> REVISIONS	<input type="checkbox"/> SUPPLEMENTAL
<input type="checkbox"/> FIRE			
OWNER'S INFORMATION		MORTGAGE LENDER'S INFORMATION	
NAME: MARK J GAINOR & W ELYSE S	NAME: _____		
ADDRESS: 5800 N. Bay Road.	ADDRESS: _____		
CITY/STATE/ZIP: Miami Beach, FL 33140	CITY/STATE/ZIP: _____		
PHONE NUMBER: _____	PHONE NUMBER: _____		
ARCHITECT'S INFORMATION		ENGINEER'S INFORMATION	
NAME: _____	NAME: _____		
ADDRESS: _____	ADDRESS: _____		
CITY/STATE/ZIP: _____	CITY/STATE/ZIP: _____		
PHONE NUMBER: _____	PHONE NUMBER: _____		
LICENSE #: _____	LICENSE #: _____		

OCCUPANCY CLASSIFICATIONS	
ASSEMBLY OCC. - GROUP A1 GREATER THAN 1,000	_____ INSTITUTIONAL OCC. - GROUP I UNRESTRICTED
ASSEMBLY OCC. - GROUP A2 50 TO 1,000	_____ INSTITUTIONAL OCC. - GROUP I RESTRICTED
BUSINESS OCC. - GROUP B	_____ MERCANTILE OCC. - GROUP M
DAY CARE OCC. - GROUP D	_____ RESIDENTIAL OCC. - GROUP R1 HOTEL/MOTEL
EDUCATIONAL OCC. - GROUP E	_____ RESIDENTIAL OCC. - GROUP R2 APTS/CONDO
FACTORY OCC. - GROUP F	_____ RESIDENTIAL OCC. - GROUP R3 S/F
HAZARDOUS OCC. - GROUP H1 EXPLOSIVE	_____ RESIDENTIAL OCC. - GROUP R4 CARE FACILITIES
HAZARDOUS OCC. - GROUP H2 BURNING	_____ STORAGE OCC. - GROUP S1 ORDINARY HAZARD
HAZARDOUS OCC. - GROUP H3 PHYSICAL	_____ STORAGE OCC. - GROUP S2 LOW HAZARD
HAZARDOUS OCC. - GROUP H4 HEALTH	_____

Application is hereby made to obtain a permit to do work and installation as indicated. I certify that all work will be performed to meet the standards of all laws regulation construction in this jurisdiction. I understand that **SEPARATE PERMITS ARE REQUIRED** for *Electrical, Mechanical, Plumbing, Signs, Swimming Pools and Spas, Windows and Sliding Glass Doors and Roofing, and Fire Protection Systems*. As per Florida Building Code 104.4.1.4:

NOTICE: In addition to the requirements of this permit, there may be additional restrictions applicable to this property that may be found in the public records of this county, and there may be additional permits required from other governmental entities such as water management districts, state agencies or federal agencies.



 SIGNATURE OF QUALIFIER ONLY

STATE OF FLORIDA

COUNTY OF DADE

Sworn to and subscribed before me this 14 day of March, 2009, by:

Daniel Edwards Neward

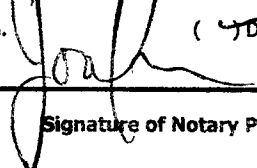
PLEASE PRINT QUALIFIER'S NAME

() Personally Known to me. () Procured Identification:

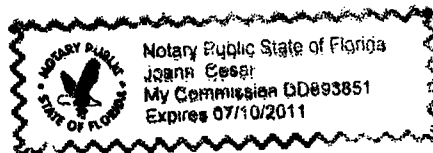
Type of Identification:

DL # 19160-165-62-373-0

() DID TAKE OATH. () DID NOT TAKE OATH



 Signature of Notary Public





CITY OF MIAMI BEACH - BUILDING DEPARTMENT
1700 CONVENTION CENTER DR, 2ND FLOOR
MIAMI BEACH, FLORIDA 33139

(305) 673-7610 Office

(305) 673-7857 Fax

ELECTRICAL FEE SHEET

CASAP

ATTENTION APPLICANT: You are responsible for filling out this application correctly. If you have any questions concerning what category your work falls under, **PLEASE** see an electrical inspector. Any work commenced without a permit being issued will be subject to a double fee plus a \$115.00 fine. The minimum fee for an electrical permit is \$60.00. This minimum does not include other applicable surcharges. Under penalties of perjury, I declare that to the best of my knowledge, the facts stated in this document are true. I understand that perjury is a felony of the third degree.

[Handwritten Signature]

(L. S.)

ITEMS	UNIT NUMBER	PRICE EACH	SUB TOTAL
1. Minimum Permit Fee including repair work per permit (Unless other minimum fee is specified):			
2. This minimum does not apply to permits issued as supplementary to current outstanding permit for the same job.)		\$60.00	
ROUGH WIRING OUTLETS			
3. Light, Receptacles and Switch			
4. For 1 through 10 outlets		\$28.00	
5. For each additional after 10 outlets		\$2.50	
SERVICES			
6. (The following fees shall be charged for each service and for each sub feed in new installation only. No charge will be made for sub feeds in existing installations.) Each service shall include one (1) sub feed			
7. Temporary for construction, test, etc.		\$72.00	
8. Sub feeds			
9. 100 amps and under		\$9.00	
10. 101 amps to 200 amps		\$12.00	
11. 201 amps to 400 amps		\$14.00	
12. 401 amps to 600 amps		\$15.00	
13. 601 amps to 800 amps		\$21.00	
14. For each additional 100 amps over 800 amps		\$8.00	
15. Service repairs and/or meter change		\$75.00	
SWITCHBOARDS			
16. (Same as Services shown above by amps)			
17. 100 amps and under		\$9.00	
18. 101 amps to 200 amps		\$12.00	
19. 201 amps to 400 amps		\$14.00	
20. 401 amps to 600 amps		\$15.00	
21. 601 amps to 800 amps		\$21.00	
22. For each additional 100 amps over 800 amps		\$8.00	

ITEMS	UNIT NUMBER	PRICE EACH	SUB TOTAL
EQUIPMENT OUTLETS OR PERMANENT CONNECTIONS			
23. For each range outlet		\$12.00	
24. For each range top outlet		\$12.00	
25. For each oven outlet		\$12.00	
26. For each water heater outlet	1	\$12.00	12.00
27. For each space heater outlet		\$12.00	
28. For each washing machine outlet		\$12.00	
29. For each dryer outlet		\$12.00	
30. For each fan outlet (with HP motor)		\$12.00	
31. For each garbage disposal outlet		\$12.00	
32. For each dishwasher outlet		\$12.00	
33. For each deep freezer outlet		\$12.00	
34. For each refrigerator outlet		\$12.00	
35. For each air conditioning outlet (window or through wall units)		\$15.00	
36. For each ton for central units outlet (Minimum \$13.00)		\$9.00	

ITEMS	UNIT NUMBER	PRICE EACH	SUB TOTAL
FOR MOTORS			
37. Each up to 1 horsepower		\$12.00	
38. From 2 horsepower to 10 horsepower		\$58.00	
39. Each horsepower over 10 horsepower		\$3.50	

ITEMS	UNIT NUMBER	PRICE EACH	SUB TOTAL
MACHINE OUTLETS OR PERMANENT CONNECTIONS			
40. For portable dentist x-ray		\$30.00	
41. For stationary doctor x-ray		\$40.00	
42. For diathermic		\$30.00	
43. For isolation units		\$58.00	

ITEMS	UNIT NUMBER	PRICE EACH	SUB TOTAL
GENERATORS AND TRANSFORMER, COMMERCIAL HEATING EQUIPMENT			
44. Each generator or transformer up to			
45. 5 KVA or KW		\$7.00	
46. Each generator or transformer over			
47. 6 KVA or KW through 10 KVA or KW		\$15.00	
48. Each generator or transformer over			
49. 11 KVA through 15 KVA or KW		\$19.00	
50. Each generator or transformer over			
51. 20 KVA or KW through 25 KVA or KW		\$25.00	
52. Each generator or transformer over			
53. 30 KVA or KW through 35 KVA or KW		\$30.00	
54. Each generator or transformer over			
55. 26 KVA or KW through 50 KVA or KW		\$75.00	
56. Each generator or transformer over		\$10.00	
57. 50 KVA or KW, each additional KVA or KW		\$1.75	

ITEMS	UNIT NUMBER	PRICE EACH	SUB TOTAL
WELDING MACHINE OUTLETS			
58. For up to 25 amps		\$9.00	
59. For over 25 amps, each additional 25 amps or fractional part		\$9.00	
SPECIAL PURPOSE OUTLETS (COMMERCIAL)			
60. For each popcorn outlet		\$11.00	
61. For each doughnut outlet		\$11.00	
62. For each drink machine outlet		\$11.00	
63. For each coin machine outlet		\$11.00	
64. For each toaster outlet		\$11.00	
65. For each coffee urn outlet		\$11.00	
66. For each deep fryer outlet		\$11.00	
67. For each telephone booth outlet		\$11.00	
68. For each painting bake oven		\$46.00	
SIGNS			
69. Per each square foot of face of sign		\$3.00	
70. For new strips:			
71. For 100 lineal feet		\$58.00	
72. Each additional 100 lineal feet or fractional part		\$34.00	
73. For each sign repair or reconnection		\$58.00	
FIXTURES			
74. For lights 1 through 10 sockets	10	\$10.50	
75. For 1 through 10 florescent sockets		\$10.50	
76. For each additional socket or tube		\$1.75	
77. For each light pole (fixture additional)		\$7.00	
COMBINATIONS			
78. For light fixtures and outlets up through 10 (1 inspection)		\$28.00	
STREAMERS OR FESTOON LIGHTS			
79. For the first 10 lights or less		\$5.00	
80. For each additional 10 or less		\$7.00	
WIRE MOLD			
81. For the first 10 lights or less		\$25.00	
82. For each additional 5 lineal feet		\$5.00	
SWIMMING POOL LIGHTING			
83. For residential pool or spa		\$90.00	
84. For commercial pool or spa		\$100.00	
85. For commercial or multifamily pool or spa		\$200.00	
86. For commercial or multifamily combination pool or spa		\$275.00	

ITEMS	UNIT NUMBER	PRICE EACH	SUB TOTAL
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*****TEMPORARY WORK ON CIRCUSES/CARNIVALS*****

87.	Per show	_____	\$300.00	_____
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*****FIRE DETECTION SYSTEM OR REPAIRS*****

88.	For installation for central system	_____	\$30.00	_____
89.	For each smoke detectors	_____	\$3.00	_____
90.	For each head or target area, with product or wire with similar character	_____	\$3.00	_____
91.	For each speaker	_____	\$3.00	_____
92.	For each strobe light	_____	\$3.00	_____
93.	For each bell alarm station	_____	\$3.00	_____
94.	For each proximity station	_____	\$3.00	_____
95.	For semi-annual reinspection fee	_____	\$30.00	_____

*****MASTER TELEVISION, INTERCOM, BURGLAR ALARM, TELEPHONE AND RADIO*****

96.	For antenna master control	_____	\$40.00	_____
97.	For television and radio antenna devices	_____	\$28.00	_____
98.	For all outlets	_____	\$28.00	_____
99.	For suppressors	_____	\$28.00	_____
100.	For splitters	_____	\$28.00	_____
101.	For lighting arresters	_____	\$28.00	_____
102.	For receivers	_____	\$28.00	_____
103.	For input devices	_____	\$28.00	_____
104.	For audio amplifiers	_____	\$28.00	_____
105.	For ground connections	_____	\$28.00	_____
106.	For cable telephone	_____	\$28.00	_____
107.	For computer outlets	_____	\$28.00	_____
108.	For other low voltage outlets	_____	\$28.00	_____
109.	For 1 through 5 devices	_____	\$28.00	_____
110.	For each additional device	_____	\$1.50	_____
111.	For fire alarm and/or fire test pump per hour	_____		_____
	Minimum	_____	\$115.00	_____

*****DADE COUNTY CODE COMPLIANCE FEE*****

114.	For every \$1,000.00 of job valuation	_____	\$0.60	_____
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*****MIAMI BEACH TRAINING FEE*****

115.	For every \$1,000.00 of job valuation or fractional part thereof	_____	\$1.00	_____
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*****SANITATION FEE*****

116.	For every \$100.00 of estimated cost or fractional part	_____	\$0.30	_____
	Minimum of \$20 maximum of \$1,500.00	_____		_____

TOTAL ELECTRICAL PERMIT FEE

REV 10/03

f:/bull/\$all/sonia/counter/forms/electricalfeesheet.xls



VIOLATIONS SECTION

(305)673-7610 (Phone) Ext. 6758

(305) 673-7857 (Fax)

The signature on this document gives the authorization for the following:

PLEASE
 CHECK BOX

- Authorization for applicant to obtain a permit with expired permits or violations under the contractors license number and/or address.
- Approval for partial compliance of a violation.

OR



Approval of 30 day extension on contractors license number for expired permits.

Dear sir/Madame:

I hereby request a 30 day grace period to bring my expired permits into compliance. The following is a list of my expired permits.

PERMIT NUMBER(S):

[Handwritten Signature]
 Signature of Qualifier

David Nassim
 Printed Name of Qualifier

Date: 14th March 2008

Signature of Notary Public: *[Handwritten Signature]*

Identification: 1-16016562 B1B-0

Sworn and subscribed before me this

14 day of March 2008

(seal)

Notarized

Chief Building Code Compliance Officer

Senior Building Inspector

Administrative Aide II

[Handwritten Signature] 3/14/08



Rosario Rodriguez
 My Commission DD301503
 Expires March 18, 2008



VIOLATIONS SECTION

(305)673-7610 (Phone) Ext. 6758

(305) 673-7857 (Fax)

The signature on this document gives the authorization for the following:

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 CHECK BOX

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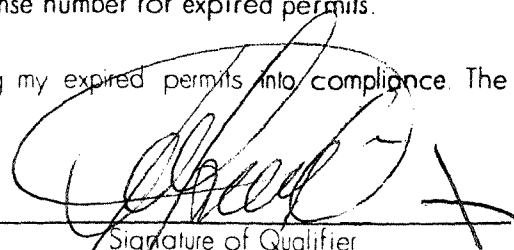
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PERMIT NUMBER(S):

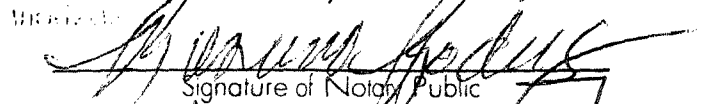


Signature of Qualifier

David Macnam

Printed Name of Qualifier

Date: 14 of March 2008



Signature of Notary Public

Identification: W-16016562 B1B-0

Sworn and subscribed before me this

14 day of March 2008

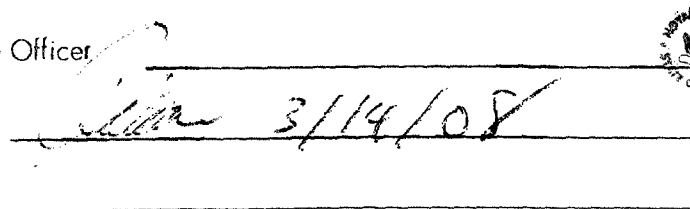
(seal)

Notarized

Chief Building Code Compliance Officer

Senior Building Inspector

Administrative Aide II





Rosario Rodriguez
 My Commission DD301503
 Expires March 18, 2008

Residential Swimming Pool, Spa or Hot Tub Safety Act

Notice of Requirements

I (we) acknowledge that a new swimming pool, spa, or hot tub will be constructed or installed at 5300 N. Bay Rd. and hereby affirm that one of the following methods will be used to meet the requirements of Florida Statute Chapter 515, and Florida Building Code Section 242.2.

Please initial the method(s) to be used for your pool or spa.

The pool will be equipped with an approved safety pool cover that complies with ASTM F1346-03 (Standard Specification for Safety Covers for Swimming Pools, Spas, and Hot Tubs) and meets the following requirements:
Manufacturer specifications)

X A removable child barrier (with one end that shall be removable without the aid of tools) which complies with Florida Building Code Section 242.2.17 will protect the pool perimeter. (Submit Manufacturer Specifications)

A combination of "non-dwelling" walls (fences, screen enclosures, etc.) will protect the pool perimeter. Specify the type and location of all non-dwelling walls.

A combination of protection which incorporates dwelling walls with openings into the pool perimeter complying with FBC Section 424.2.17.1.9 (2): All doors and windows providing direct access to the pool must be equipped with self close and self latch-locking mechanical devices installed a minimum of 6 feet above the pool threshold. (Submit specifications for approval)

A combination of protection which incorporates dwelling walls with openings into the pool perimeter complying with FBC Section 424.2.17.1.9 (1): All doors and windows providing direct access to the pool must be equipped with an exit alarm complying with UL 2017. (Submit Manufacturers specifications)

In accordance with the Florida Building Code, a final inspection of the pool project will not be approved without compliance with the Florida Building Code, and upon expiration of the permit, the pool shall be presumed to be in compliance with the Florida Building Code, and upon expiration of the permit, the pool shall be presumed to be in compliance with the Florida Building Code.

I understand that not having one of the above systems installed will constitute a violation of Chapter 515, F.S., and will be considered as committing a misdemeanor of the second degree, punishable as provided in Section 775.082 or Section 775.083 F.S. This form must be signed by the owner/agent and the prime contractor.

Owner/Agent Printed Name, Signature and date [Signature] 2/26/08

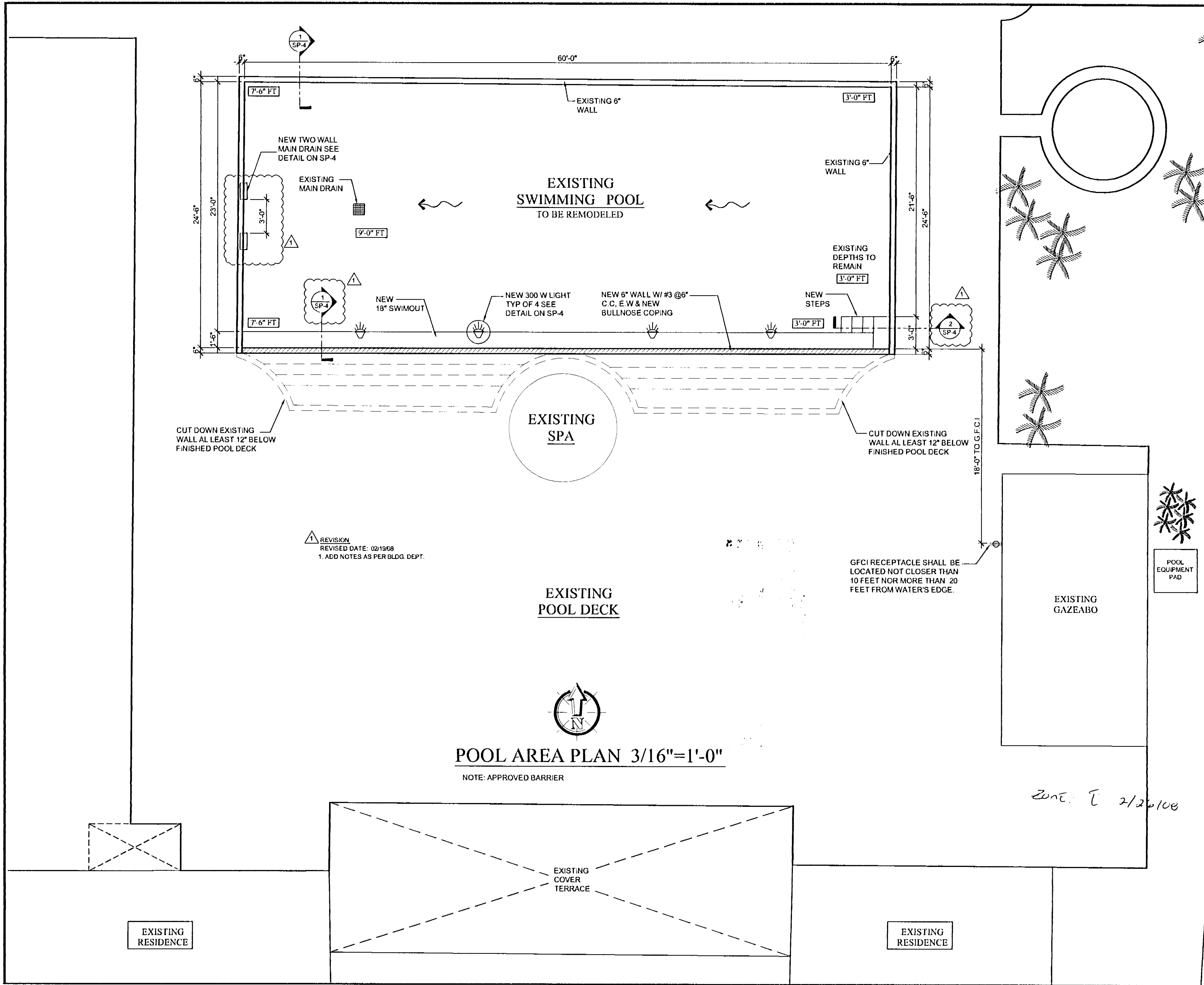
Notary Public, State of Florida MANOLIN JIMENEZ Notary Public - State of Florida

Prime Contractor Printed name, signature and date [Signature] 2/26/08

Notary Public, State of Florida MIGUELINA MARTINEZ Notary Public - State of Florida

Commission # DD488511 Expires: NOV. 07, 2009 Bonded Thru Atlantic Bonding Co., Inc.

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



REVISION
 REVISED DATE: 02/19/08
 1. ADD NOTES AS PER BLDG. DEPT.

POOL AREA PLAN 3/16"=1'-0"
 NOTE: APPROVED BARRIER

AQUADYNAMICS
 AQUATIC ENGINEERING CONSULTANTS
 FLORIDIAN ENGINEERS ARCHITECTS PLANNERS INTERIORS
 4910 BAY DRIVE SUITE 100 MIAMI BEACH, FLORIDA 33154 TEL: (305) 866-1100 FAX: (305) 866-1101
 WWW.AQUADYNAMICS.COM

NOTICE TO BUILDER
 TO THE BEST OF OUR KNOWLEDGE AND BELIEF, THE INFORMATION CONTAINED ON THESE DRAWINGS CONFORMS TO THE STANDARDS SET IN THE FLORIDA BUILDING CODE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL CONDITIONS PRIOR TO THE START OF THE WORK, AND NOTIFYING THE ENGINEER AT ONCE OF ANY AND ALL ERRORS, DISCREPANCIES, OMISSIONS, OR OBTUSITIES. THE ENGINEER'S RESPONSIBILITY IS LIMITED TO THE SUCCESSFUL REGULATION OF THE PROJECT INDICATED.

PROJECT NAME:
 Gaijor Residence
 5309 N. Bay Rd
 Miami Beach, FL

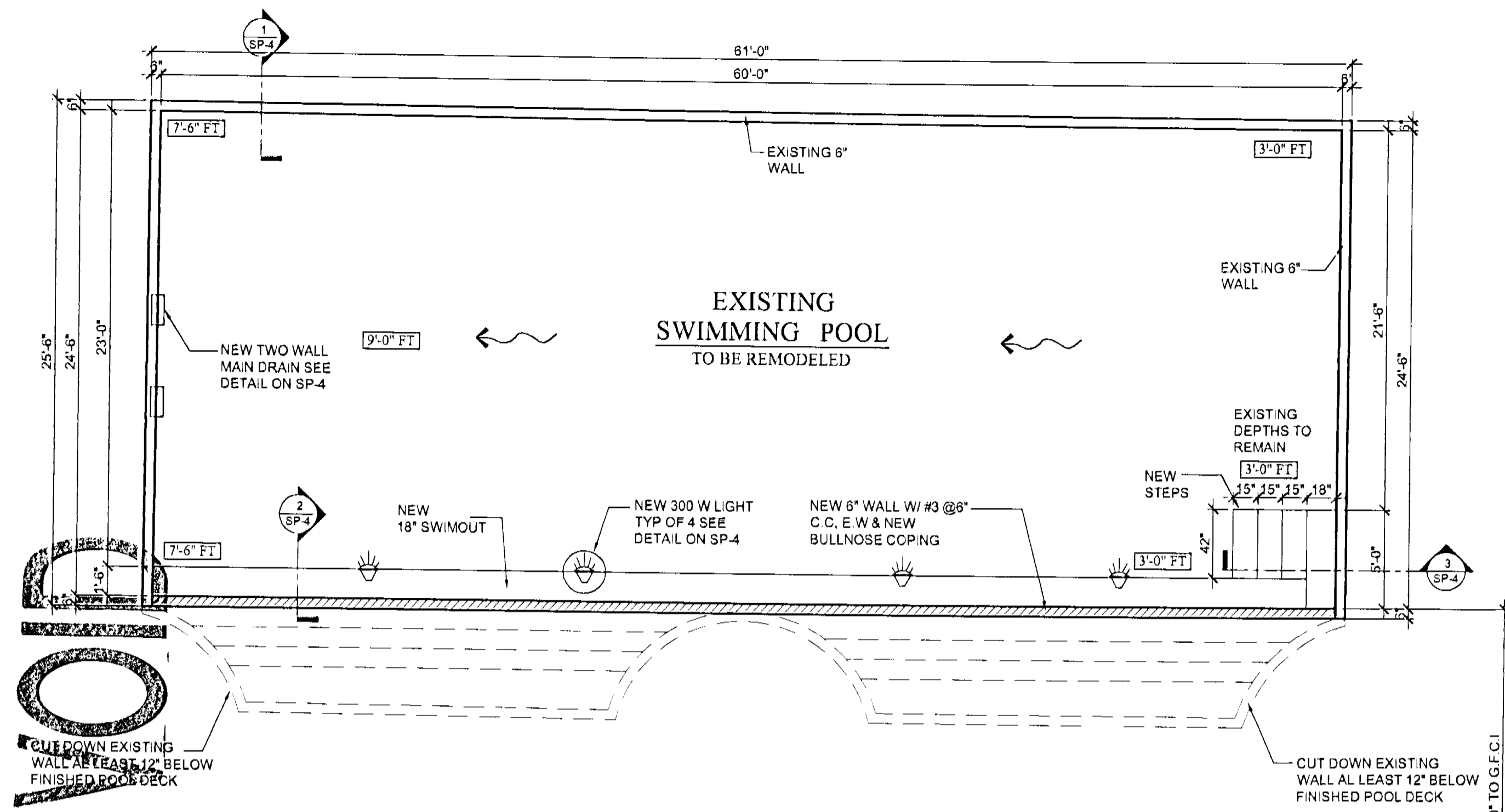
JOB No.
 DATE: 12-21-07
 DRAWN BY: D.A.N.P.
 SCALE: AS NOTED
 SHEET: SHEET 2 OF 4

SEAL:
 [Signature]
 CIVIL ENGINEER
 PROFESSIONAL REG. NO. 55339

DRAWING NUMBER:
 SP-2

Zone: T 2/20/08

STREET FRONT



POOL DECK by others

GFCI RECEPTACLE SHALL BE LOCATED NOT CLOSER THAN 10 FEET NOR MORE THAN 20 FEET FROM WATER'S EDGE.

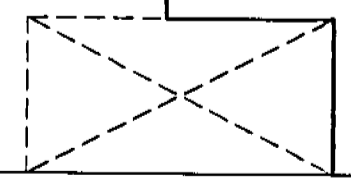
EXISTING GAZEBO

POOL EQUIPMENT PAD

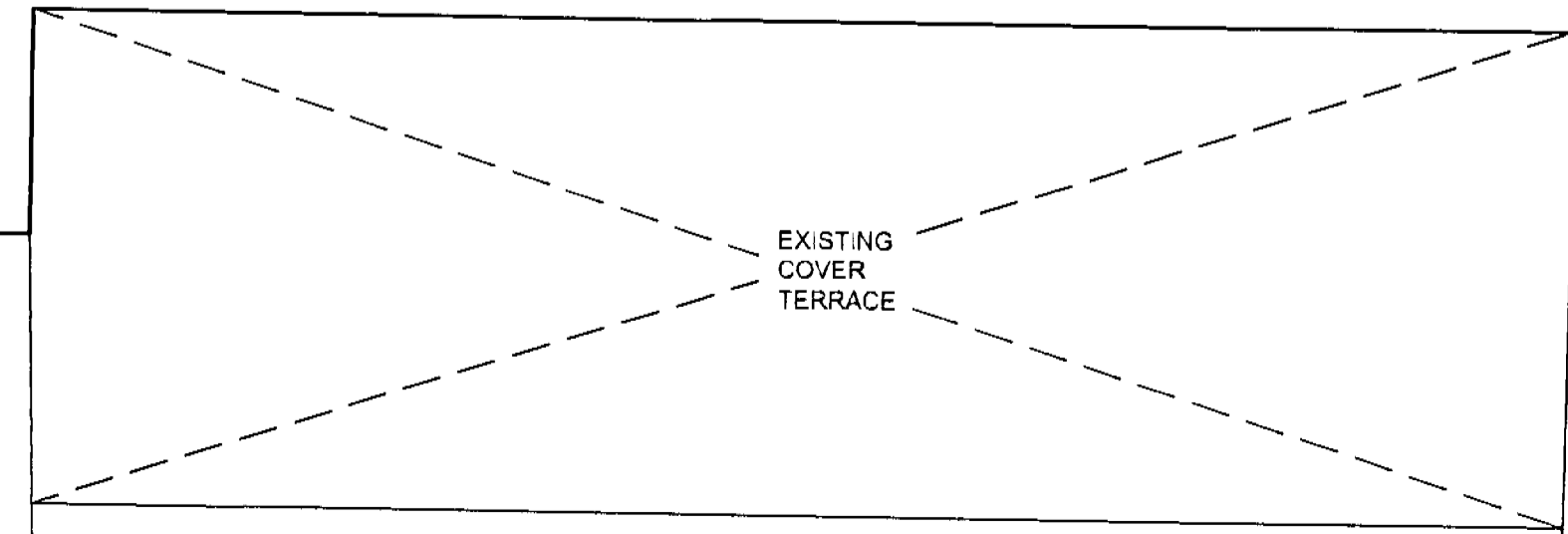


POOL AREA PLAN 3/16"=1'-0"

NOTE: APPROVED BARRIER

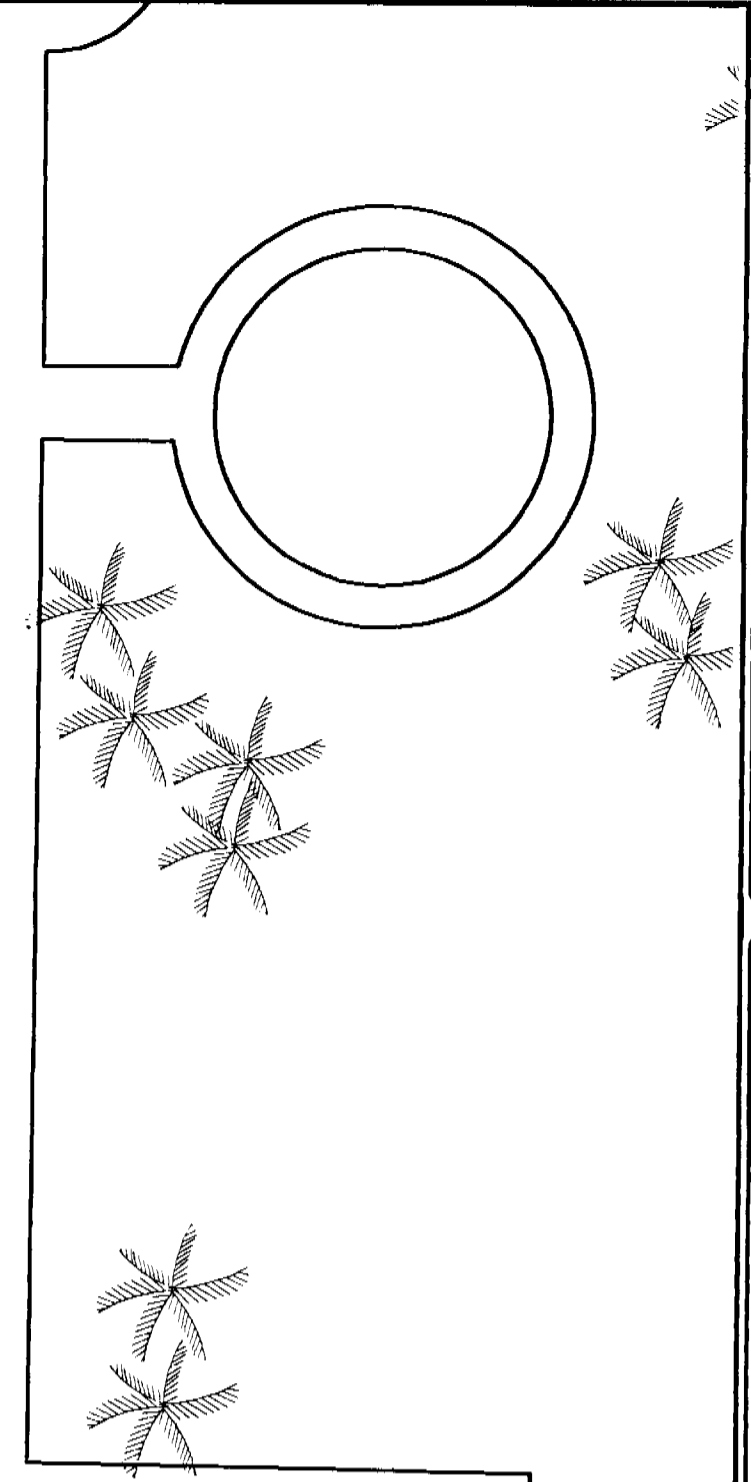


EXISTING RESIDENCE



EXISTING COVER TERRACE

EXISTING RESIDENCE



AQUADYNAMICS
 AQUADYNAMICS CONSULTING ENGINEERS, P.L.L.C.
 WATER PUMP & FAMILY ASSET CENTER DESIGN RESORT HOTEL & LODGING RESIDENTIAL DESIGN
 FORT MYERS, FLORIDA 33901
 PHONE: 888.444.4444 FAX: 888.444.4444
 WWW.AQUADYNAMICS.COM

NOTICE TO BUILDER
 TO THE BEST OF OUR KNOWLEDGE AND BELIEF, THE INFORMATION CONTAINED ON THESE DRAWINGS CONFORMS TO THE STANDARDS SET IN THE FLORIDA BUILDING CODE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF THE DIMENSIONS AND CONDITIONS PRIOR TO THE START OF THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND DISCREPANCIES. THE ENGINEER, AT ONCE, OF ANY AND ALL ERRORS, DISCREPANCIES, OR OMISSIONS PERTAINING TO THE SUCCESSFUL COMPLETION OF THE PROJECT INDICATED.

PROJECT NAME:
 Gaior Residence
 5800 N. Bay Rd
 Miami Beach, FL

JOB No.	12-21-07
DATE	D.A.N.P
DRAWN BY	AS NOTED
SCALE	SHEET 2 OF 4
SHIRT	

SEAL

 ORELIA BARBOSA, PE
 PROFESSIONAL REG. NO. 54336
 CIVIL ENGINEER

DRAWING NUMBER
SP-2

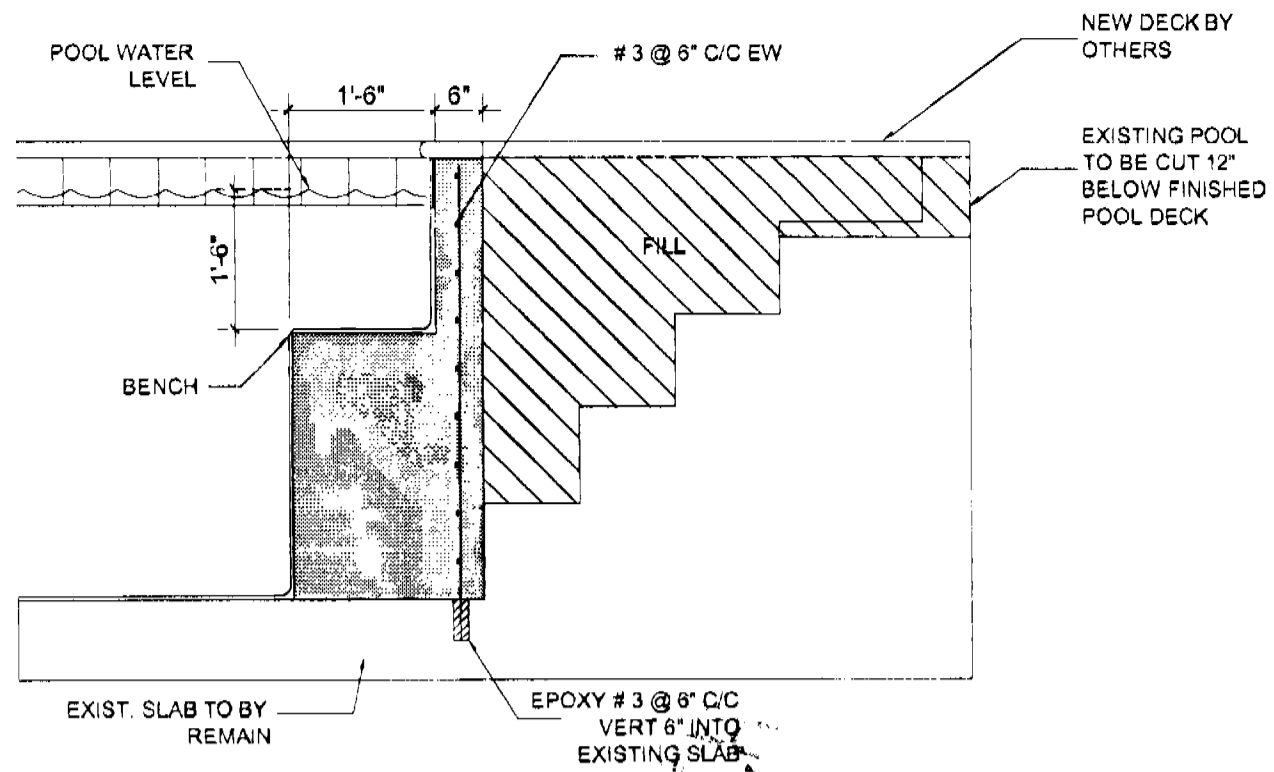
NOTICE TO BUILDER:
 TO THE BEST OF OUR KNOWLEDGE AND BELIEF, THE INFORMATION CONTAINED ON THESE DRAWINGS CONFORMS TO THE STANDARDS SET IN THE FLORIDA BUILDING CODE. ALL DIMENSIONS AND FIELD CONDITIONS SHOULD BE CHECKED PRIOR TO THE START OF THE WORK, AND NOTIFYING THE ENGINEER AT ONCE OF ANY AND ALL DISCREPANCIES, DISCREPANCIES, OR OMISSIONS. THE ENGINEER'S RESPONSIBILITY IS LIMITED TO THE DESIGN AND CALCULATION OF THE PROJECT INDICATED.

PROJECT NAME:
Gainor Residence
 5800 N. Bay Rd
 Miami Beach, FL

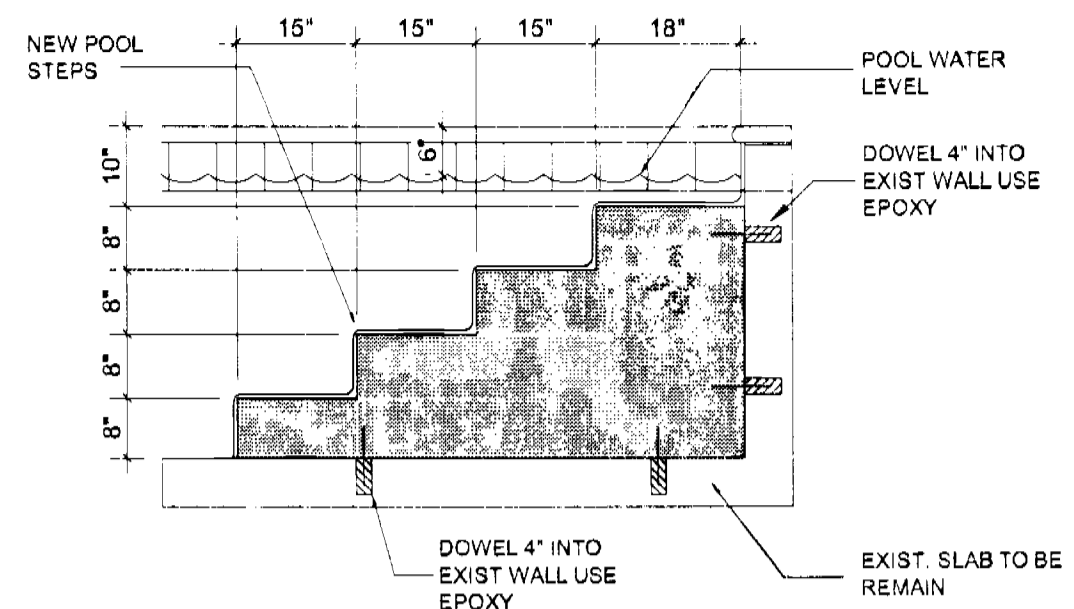
JOB No.: 12-21-07
DATE: 12-21-07
DRAWN BY: D.A.R.
SCALE: A.S. NOTED
SHEET: 4 OF 4

DESIGNER: [Signature]
PROFESSIONAL ENGINEER: ODELIA TABOADA, P.E.
 5800 N. BAY RD., MIAMI BEACH, FL 33137
 (305) 555-5558

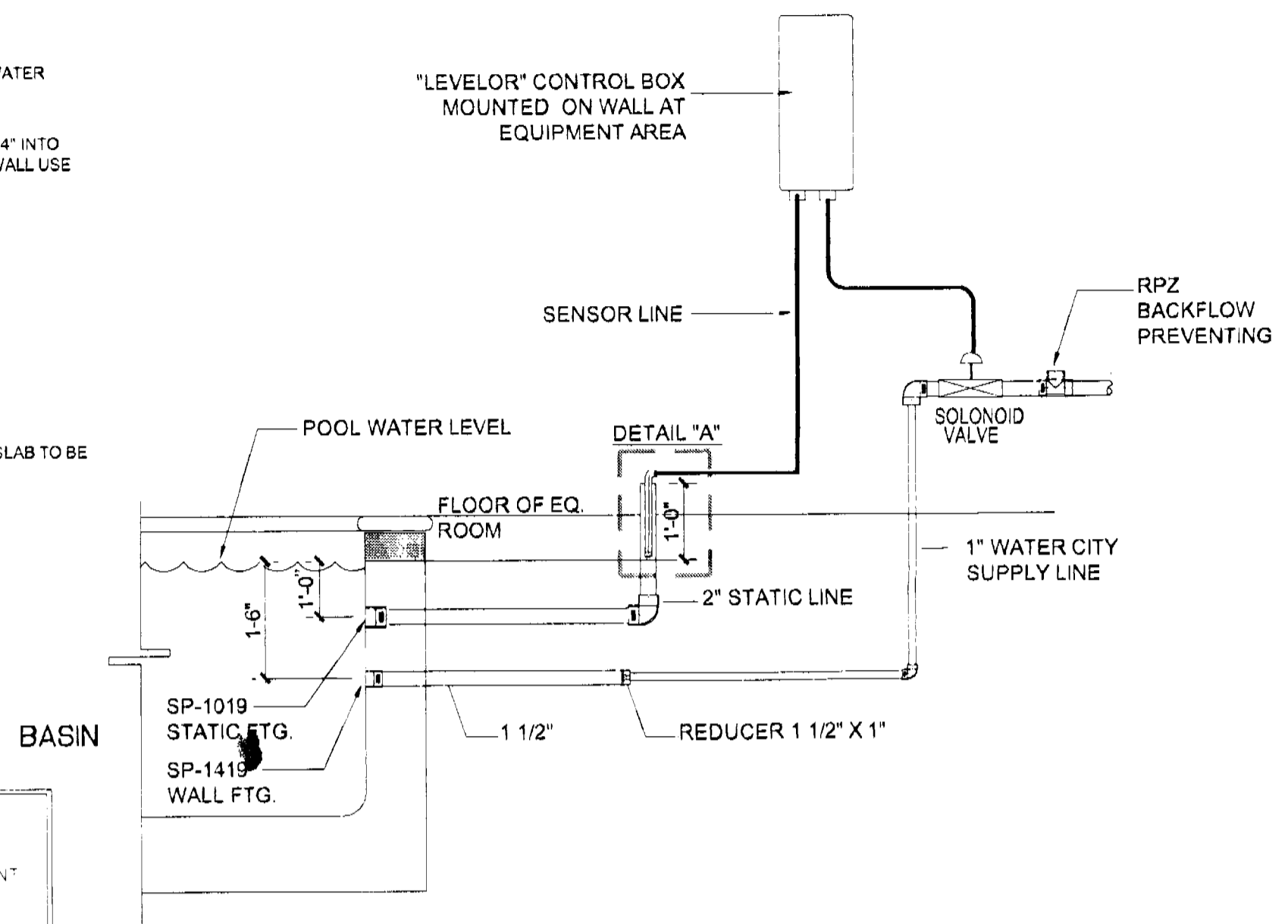
DRAWING NUMBER: SP-4



1 POOL WALL SECTION
 SCALE: 1/2"=1'-0"



2 POOL STAIR DETAIL
 SCALE: 1/2"=1'-0"



LEVELOR K-1000 AUTOFILL DEVICE DETAIL
 SCALE: 1/2"=1'-0"

PIPE SIZE	PRESSURE FLOW CAPACITY (10FPS)	SUCTION FLOW CAPACITY (8FPS)
1.5"	60 gpm	49 gpm
2.0"	100 gpm	80 gpm
2.5"	150 gpm	110 gpm
3.0"	220 gpm	180 gpm

PUMPING FLOW RATES @ 60 TDI

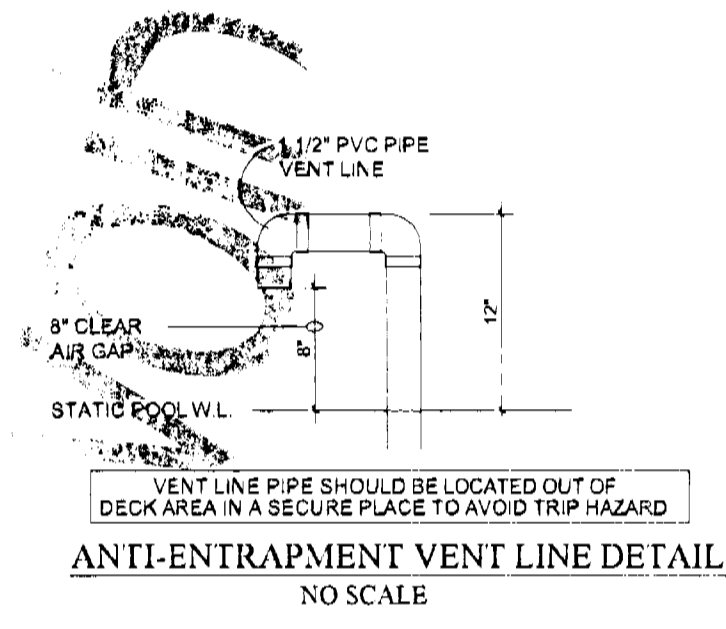
3/4 hp =	55 gpm
1.0 HP =	75 gpm
1.5 HP =	90 gpm
2.0 HP =	95 gpm
2.5 HP =	115 gpm
3.0 HP =	140 gpm

BASED UPON STA-RITE MAX-E-GLASS II SELF PRIMING PUMP

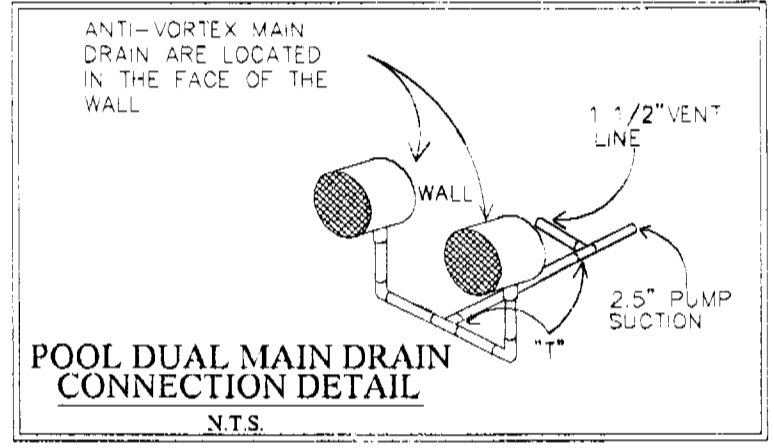
VENT PIPE MAX. LENGTH

HP	FLOW RATE	VENT SIZES	MAX LENGTH
3/4	55 gpm	1 1/2"	29 LF
1	75 gpm	1 1/2"	40 LF
1.5	90 gpm	1 1/2"	49 LF
2	95 gpm	1 1/2"	51 LF
2.5	115 gpm	1 1/2"	62 LF
3	140 gpm	1 1/2"	78 LF

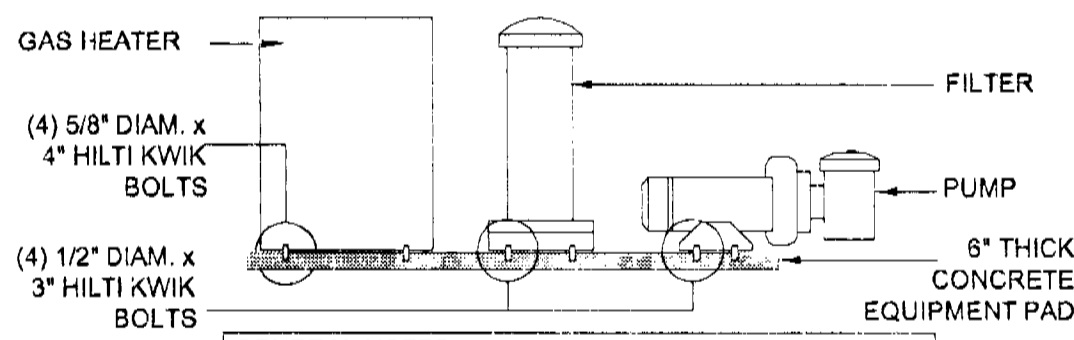
-Vent is designed to evacuate suction in 3 sec. or less per FBC 424
 -This safety vacuum relief system is a non-mechanical vent system that will limit the transmission of suction at the outlet to a maximum of 4.5" of mercury.



ANTI-ENTRAPMENT VENT LINE DETAIL
 NO SCALE

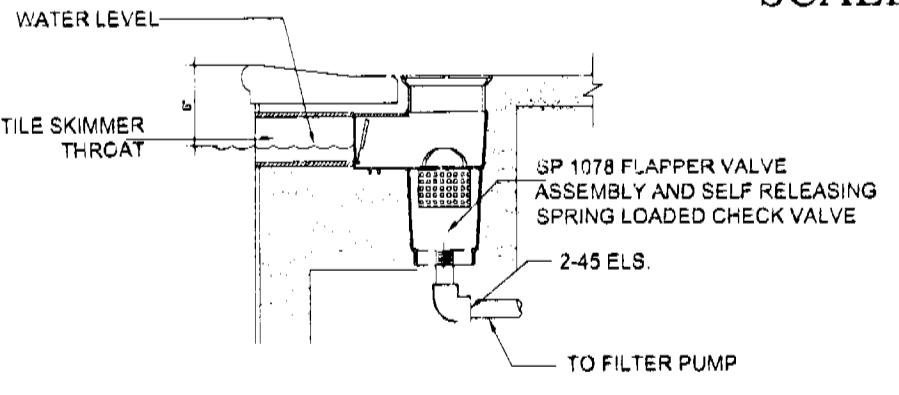


POOL DUAL MAIN DRAIN CONNECTION DETAIL
 N.T.S.

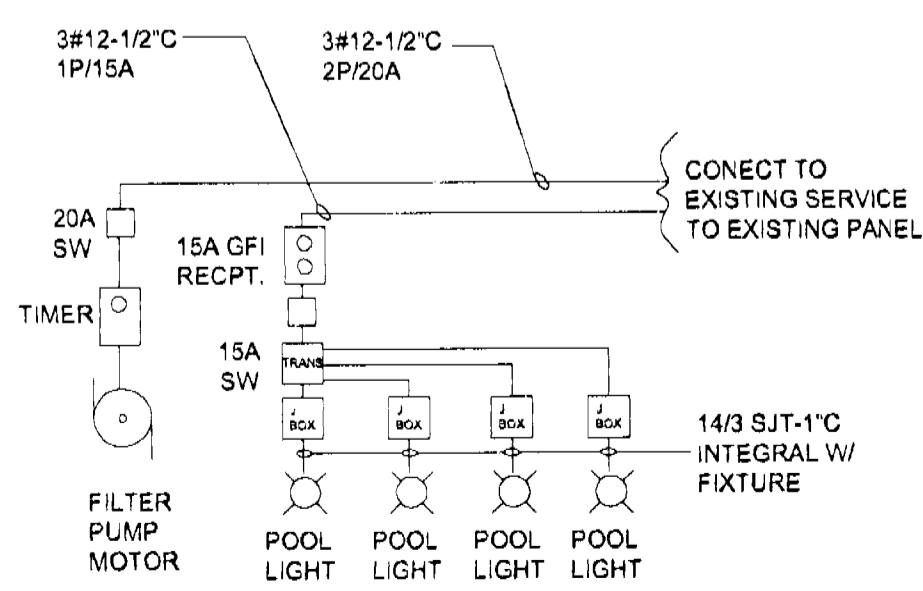


GENERAL NOTES:
 1. POOL MECHANICAL EQUIPMENT ANCHORAGE HAS BEEN DESIGNED TO COMPLY WITH F.B.C. SECT. 301.13
 2. ALL EQUIPMENT SHALL BE PLACED ON A SINGLE EQUIPMENT SLAB. SEPARATE SLABS ARE NOT PERMITTED.

FILTER/PUMP/HEATER ANCHORAGE DETAIL
 N.T.S.



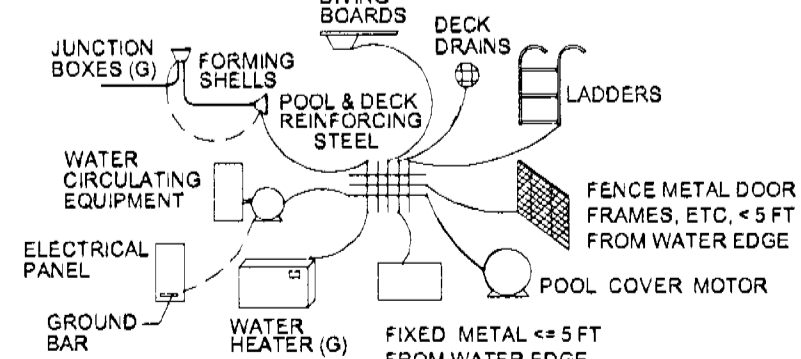
POOL SKIMMER DETAIL
 N.T.S.



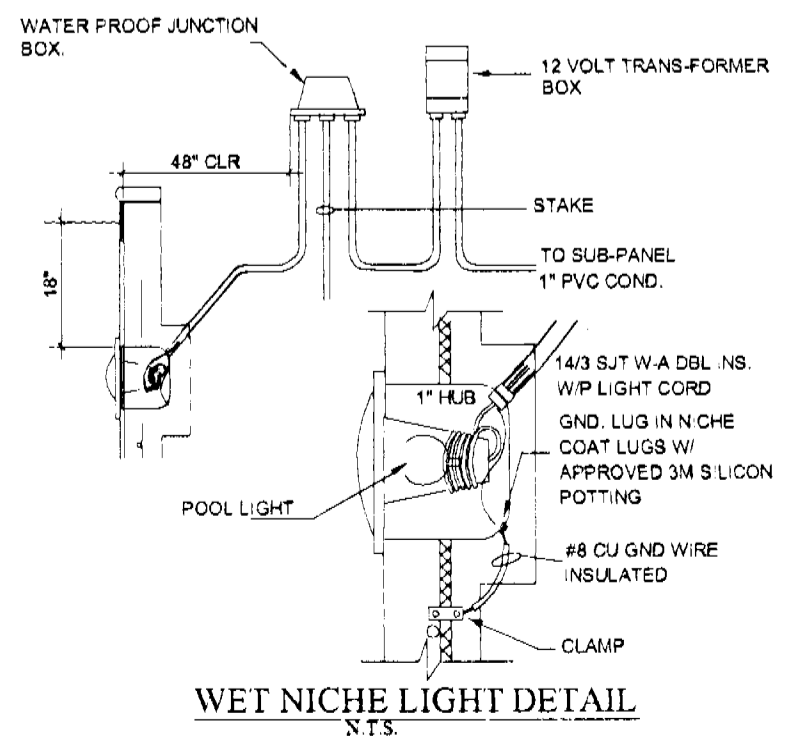
POOL ELECTRICAL SCHEMATIC
 N.T.S.

SWIMMING POOL EQUIPMENT LOAD SUMMARY

POOL PUMP 1 AT 100% =	7,480 WATTS
POOL LIGHT AT 100% =	1,200 WATTS
SUB-TOTAL = 8,680 WATTS	
TOTAL DEMAND 8,680 WATTS / 230 V =	37.74 AMPS.
TOTAL CURRENT DEMAND:	37.74 AMPS.



COMMON BONDING GRID PERMITTED TO BE:
 STRUCTURAL REINFORCING STEEL RODS THAT ARE BONDED TOGETHER
 WALL OF BOLTED OR WELDED METAL POOL
 SOLID COPPER CONDUCTOR NO. 8 OR LARGER



WET NICHE LIGHT DETAIL
 N.T.S.

OFFICE OF THE CITY ENGINEER
CITY OF MIAMI BEACH
APPROVED FOR THE CITY ENGINEER

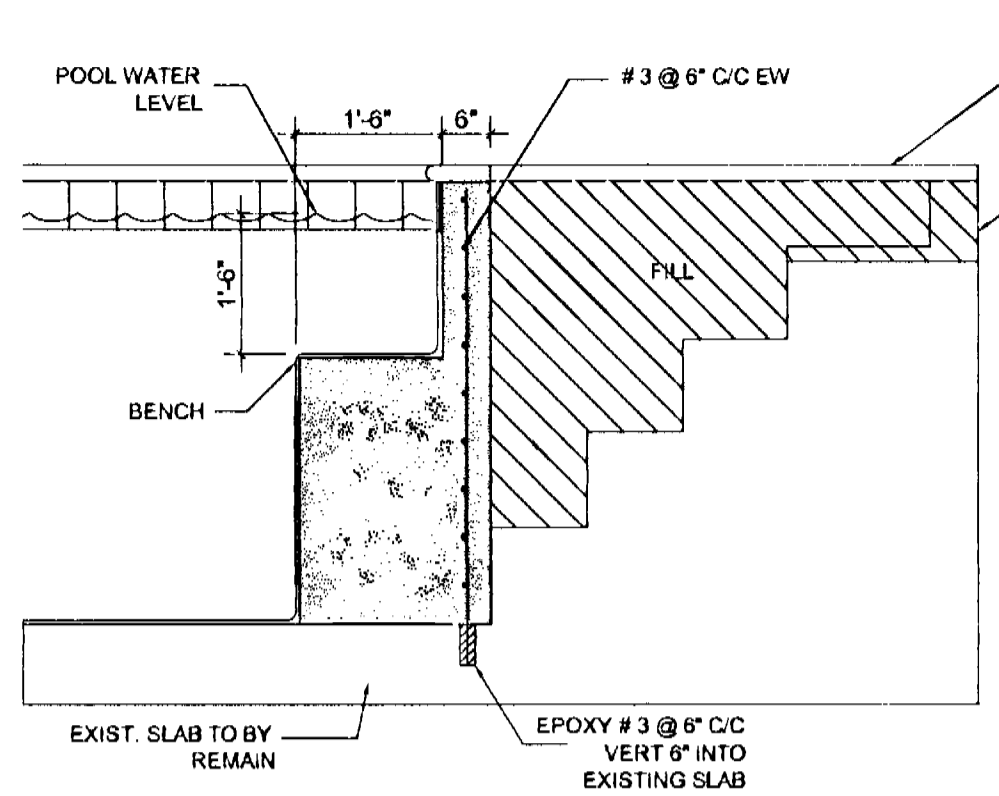
BUILDING _____
ZONING _____
DRIPIPES _____
CONCURRENCY _____
PLUMBING _____
ELECTRICAL _____
MECH _____
MISC _____
CIVIL _____
CITY ENGINEER _____
DATE _____
PROJECT NO. _____
PROJECT NAME _____

Ch 02/04/08
B. Dwyer 1/31/08
JD 02/04/08

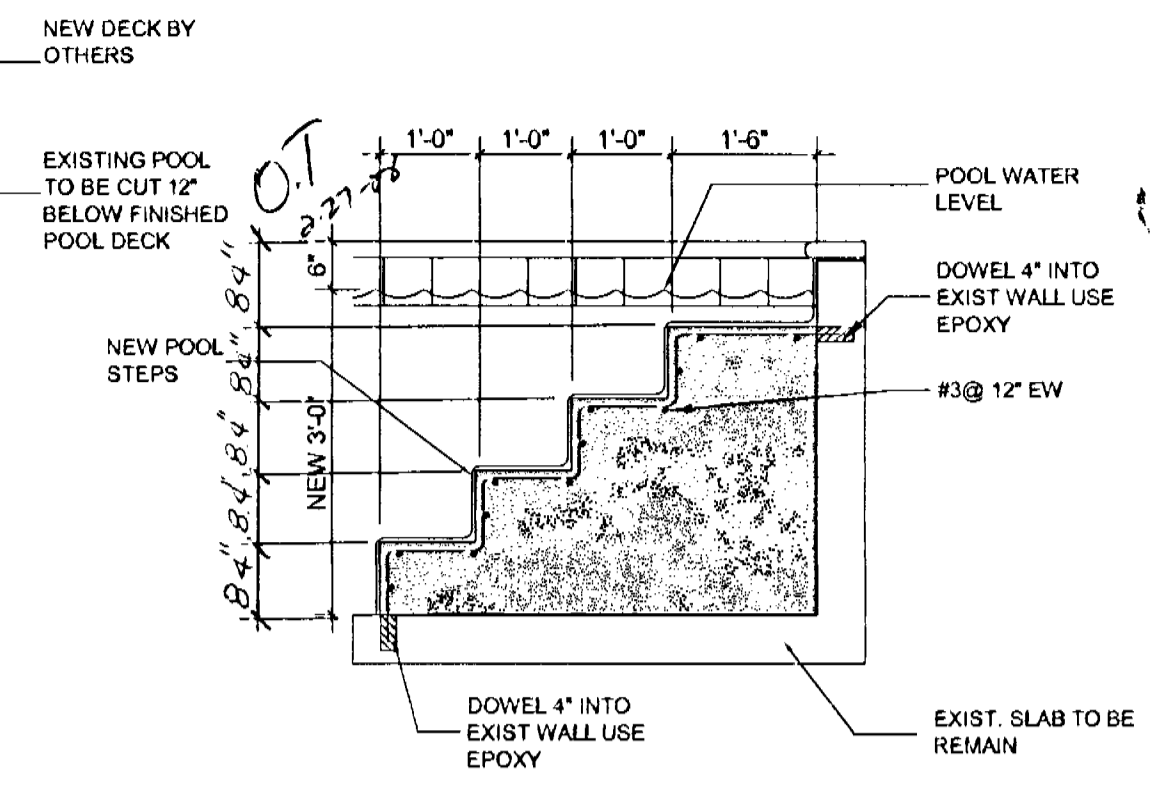
CITY OF MIAMI BEACH

VOID

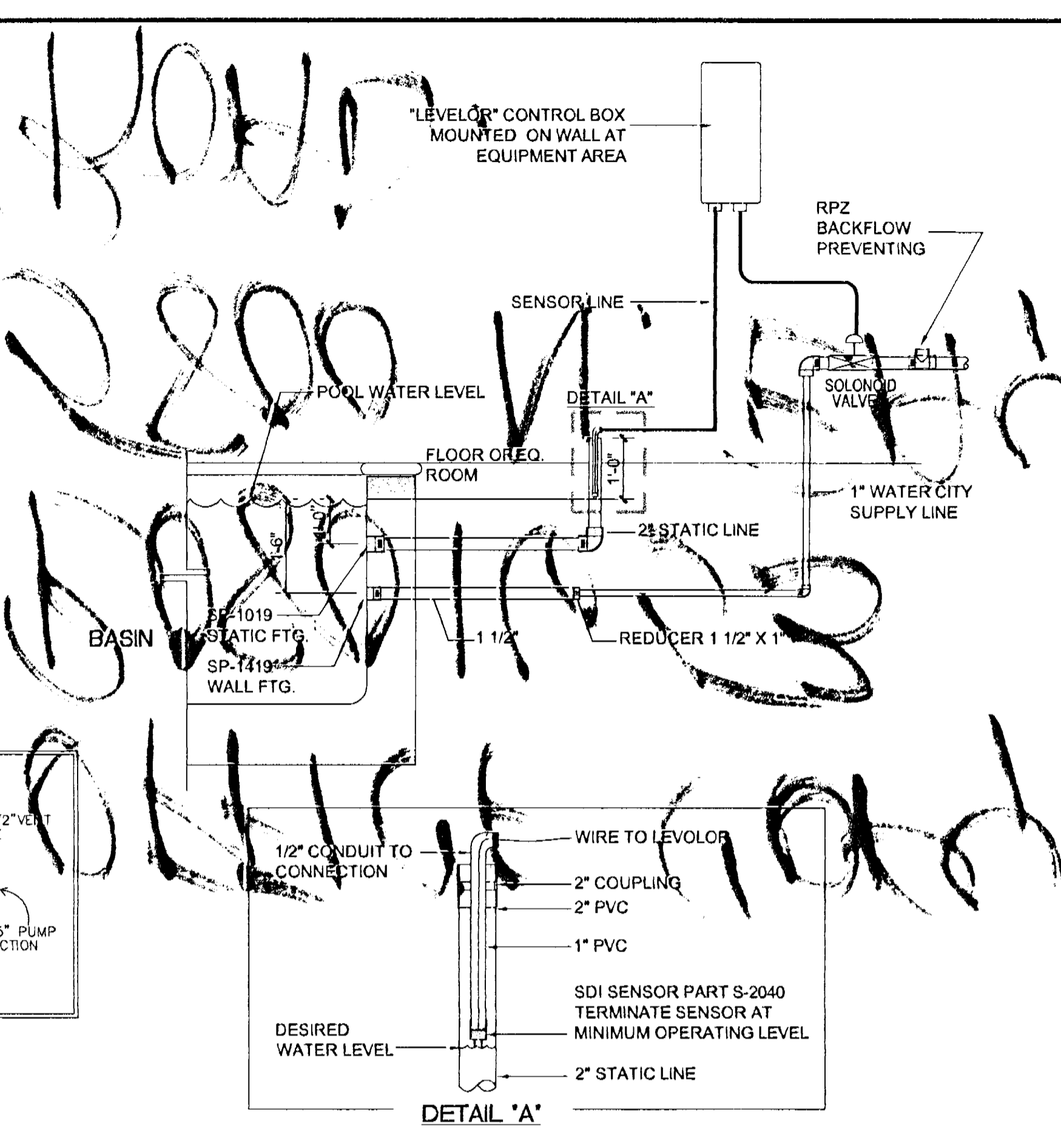
City of Miami Beach Building Code Section 104.5.3
APPROVED FOR CODE COMPLIANCE



1 POOL WALL SECTION
SCALE: 1/2"=1'-0"



2 POOL STAIR DETAIL
SCALE: 1/2"=1'-0"



LEVELOL K-1000 AUTOFILL DEVICE DETAIL
SCALE: 1/2"=1'-0"

PIPE SIZE	PRESSURE FLOW CAPACITY (10FPS)	SUCTION FLOW CAPACITY(8FPS)
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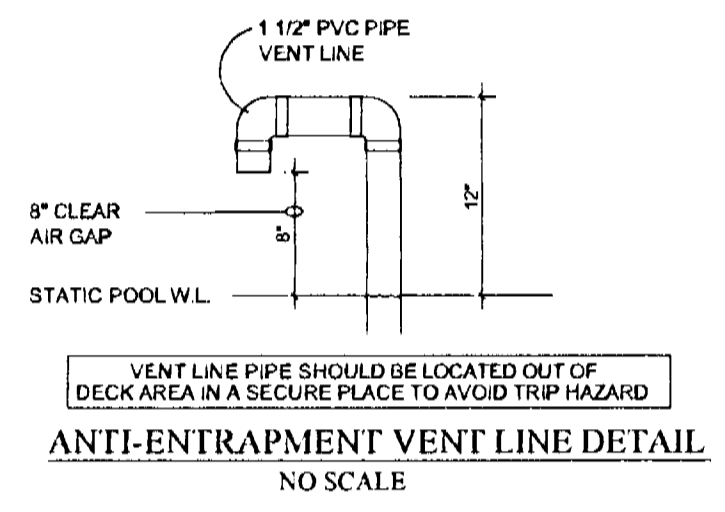
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BASED UPON STA-RITE MAX-E-GLASS II SELF PRIMING PUMP

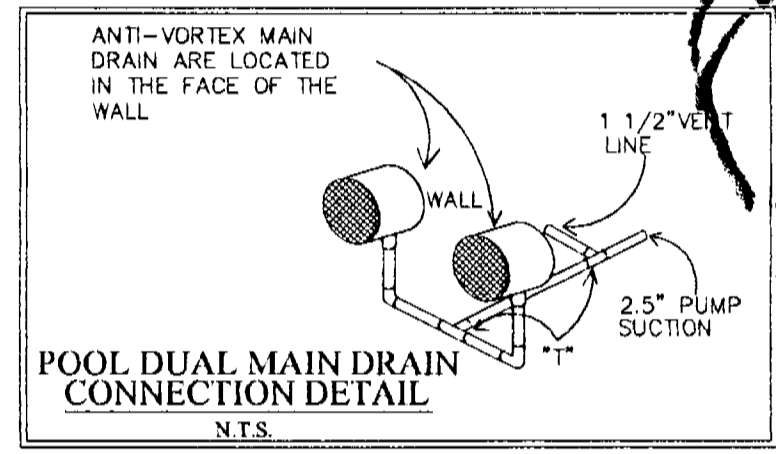
VENT PIPE MAX LENGTH

HP	FLOW RATE	VENT SIZES	MAX LENGTH
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2.5	115 gpm	1 3/4"	62 LF
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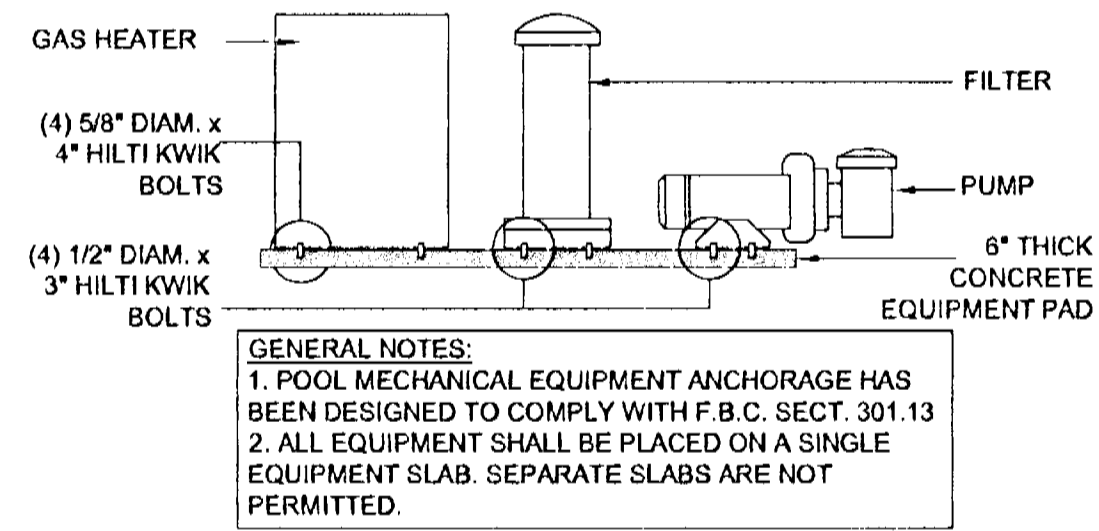
-Vent is designed to evacuate suction in 3 sec. or less per FBC 424
-This safety vacuum relief system is a non-mechanical vent system that will limit the transmission of suction at the outlet to a maximum of 4.5" of mercury.



ANTI-ENTRAPMENT VENT LINE DETAIL
NO SCALE

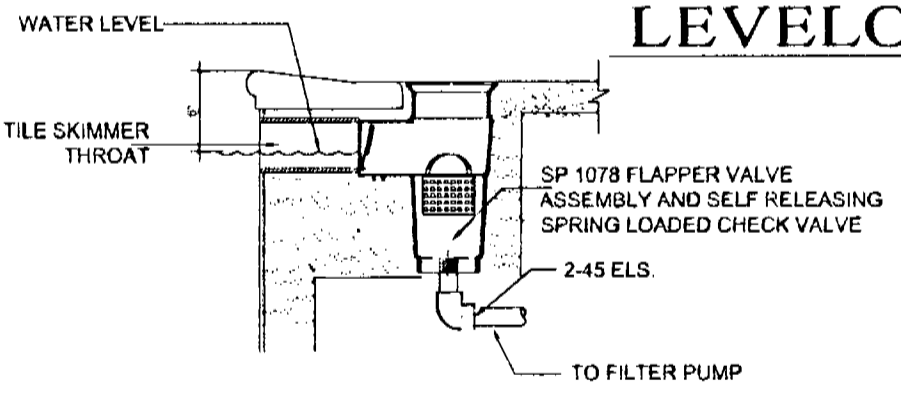


POOL DUAL MAIN DRAIN CONNECTION DETAIL
N.T.S.



FILTER/ PUMP/ HEATER ANCHORAGE DETAIL
N.T.S.

GENERAL NOTES:
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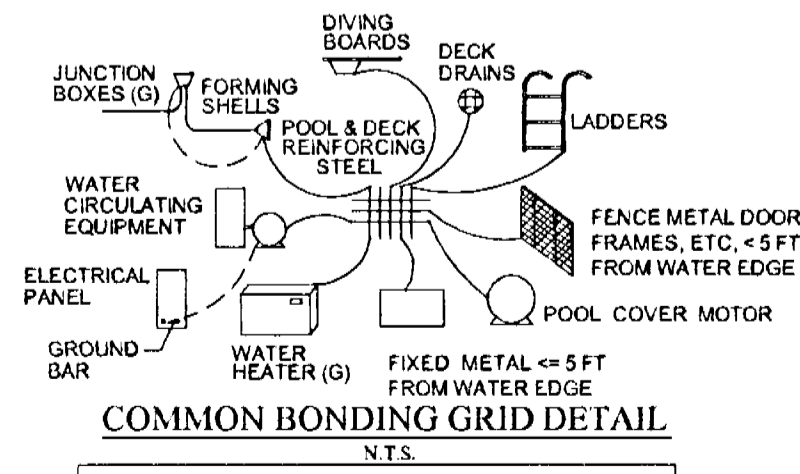


POOL SKIMMER DETAIL
N.T.S.

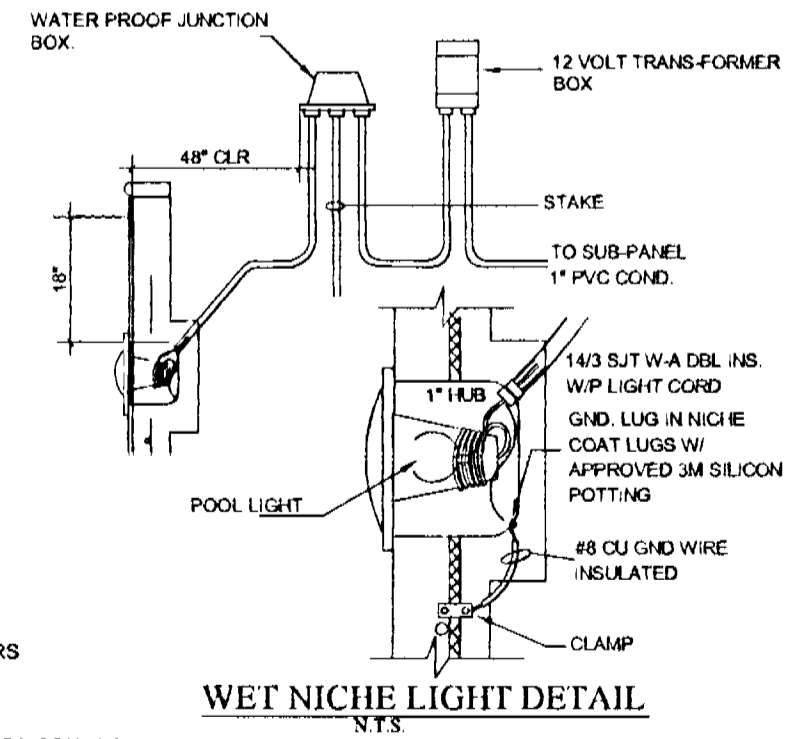
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SUB-TOTAL = 8,680 WATTS	
TOTAL DEMAND 8,680 WATTS / 230 V = 37.74 AMPS.	
TOTAL CURRENT DEMAND: 37.74 AMPS.	

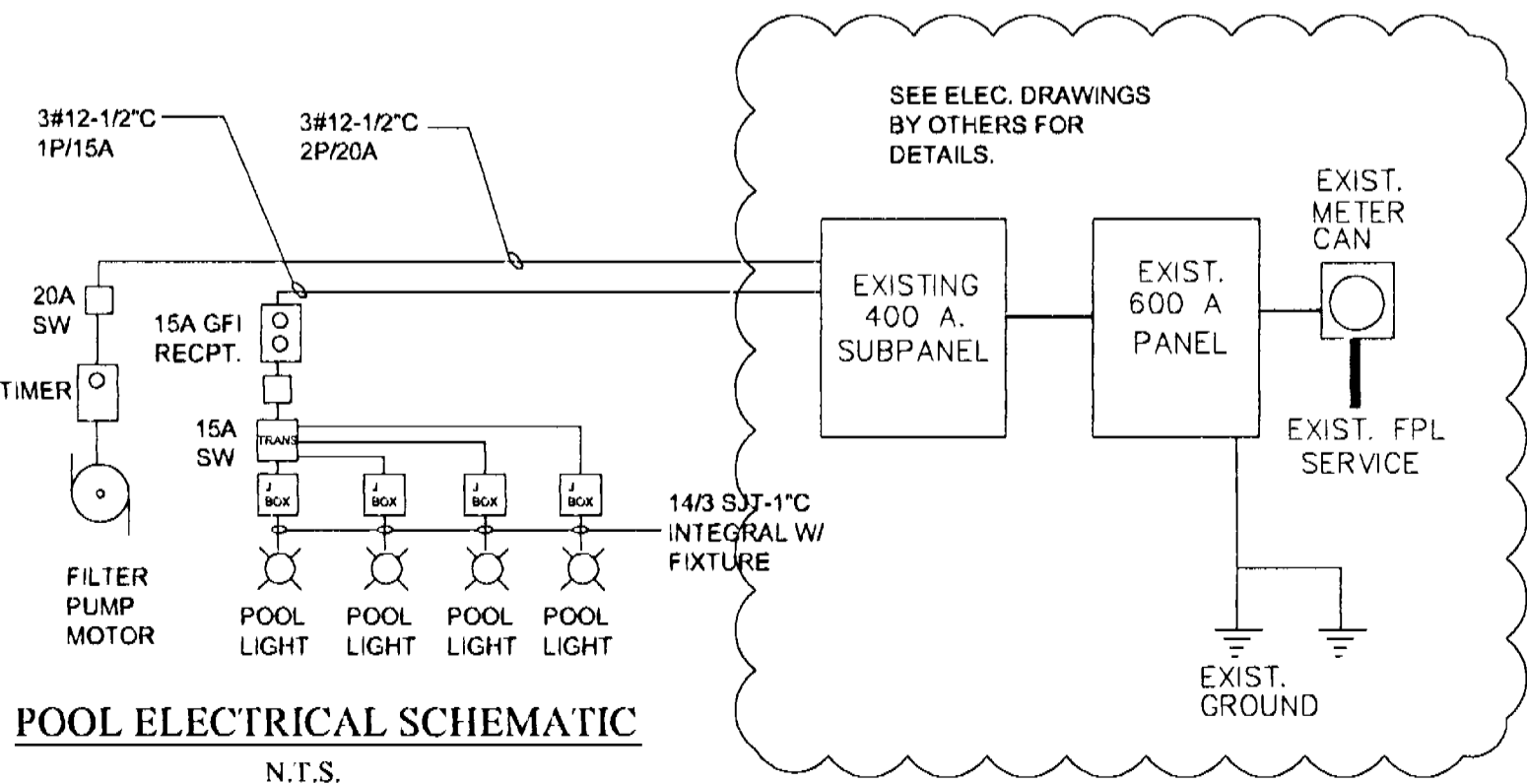
1 REVISION
REVISED DATE: 02/19/08
1. ADD NOTES AS PER BLDG. DEPT.



COMMON BONDING GRID DETAIL
N.T.S.
COMMON BONDING GRID PERMITTED TO BE:
- STRUCTURAL REINFORCING STEEL RODS THAT ARE BONDED TOGETHER
- WALL OF BOLTED OR WELDED METAL POOL
- SOLID COPPER CONDUCTOR NO. 8 OR LARGER



WET NICHE LIGHT DETAIL
N.T.S.



POOL ELECTRICAL SCHEMATIC
N.T.S.

AQUADYNAMICS
A. C. S. L. C. O. P. S. I. N. C.
WATER PUMP & FAMILY AQUATIC CENTER DESIGN, RESORT, HOTEL & COMMERCIAL POOL DESIGN
FORENSIC EVALUATION & ANALYSIS / JOB EVALUATION, VARIANCES, PERMITTING / CUSTOM RESIDENTIAL DESIGN
1001 N. W. 10th St., Ft. Lauderdale, FL 33304
Tel: 754.365.1111 Fax: 754.365.1112

NOTICE TO BUILDER
TO THE BEST OF OUR KNOWLEDGE AND BELIEF, THE INFORMATION CONTAINED HEREIN IS ACCURATE AND COMPLETE AS OF THE DATE SET FORTH HEREIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS, AND FIELD CONDITIONS, AND FOR OBTAINING ALL NECESSARY PERMITS. THE ENGINEER AT NO TIME IS TO BE HELD RESPONSIBLE FOR IRREGULARITIES OR OMISSIONS PERTAINING TO THE SUCCESSFUL COMPLETION OF THE PROJECT INDICATED.

PROJECT NAME:
Gainor Residence
5800 N. Bay Rd
Miami Beach, FL

JOB NO.:
DATE: 12-21-07
DRAWN BY: D.A.N.P.
SCALE: AS NOTED
SHEET: 4 OF 4

SEAL:
2/20/08
OFELIA TABOADA, P.E.
PROFESSIONAL REG. NO. 55338
CIVIL ENGINEER

DRAWING NUMBER:
SP-4

B0801653

OFFICE COPY
B0801653
5800 N. BAY
FROND.

B0801653.

SEASIDE BEACH

APPROVED FOR PERMIT BY
THE FOLLOWING:

BUILDING: 02/28/08

ZONING: C-2/28/08

DRB/HPB: _____

CONCURRENCY: _____

PLUMBING: 02/22/08 or 02/28/08

ELECTRICAL: 02/22/08

MECHANICAL: 02/27/08

FIRE PREVENTION: _____

ENGINEERING: _____

PUBLIC WORKS: B. Duval 02/28/08

STRUCTURAL: 02/27/08

ACCESSIBILITY: _____

LEVATOR: _____

As per Florida Building Code Section 105.3
REVIEWED FOR CODE

B0801653

OFFICE COPY
B0801653
5800 N. BAY
FRONT.

B0801653.

BEACH

APPROVED FOR PERMIT BY
THE FOLLOWING:

- BUILDING: 02/29/08
- ZONING: C-2/26/08
- DR/HPD: _____
- CONCURRENCY: _____
- PLUMBING: 12-22/08 / 02-02-08
- ELECTRICAL: 02-22-08
- MECHANICAL: 02-27-08
- FIRE PREVENTION: _____
- ENGINEERING: _____
- PUBLIC WORKS: B. Duval 2/29/08
- STRUCTURAL: 02/26/08
- ACCESSIBILITY: _____
- LEVATOR: _____

As per Florida Building Code Section 105.30
REVIEWED FOR CODE

CITY OF MIAMI BEACH
Building Department
1700 Convention Ctr Drive, 2nd Floor
Miami Beach, Florida 33139

Inspections: (305) 673-7370

Office: (305) 673-7610

Building Work Permit

03-03-2008

Activity Number: B0801653

Status: APPROVED Issued By: BUILRODR
Site Address: 5800 N BAY RD MBCH Applied: 01/30/2008
Parcel #: 32150030270 Approved: 03/03/2008
Completed:
To Expire: 08/30/2008

Valuation: \$40,000.00

Applicant: GABLES POOL & SPA INC
ENRIQUE SANCHEZ/QUAL
2462 S.W. 137TH AV 33175
305 220-3350

Property Owner: MARK J GAINOR &W ELYSE S
MARK J GAINOR TRUSTEE
7463 FISHER ISLAND DR 331090717

CONDITON(s):

Description: **REMODELING EXISTING POOL,ADD SWIMOUT,RECONFIGURE**
Inspector Area: N Class Code: R3

=====

DETAIL LIST

Alteration/Repair Fees

Alteration Bulding/Structures - Per Costs:	\$40,000.00	\$747.00
Awning, Canopy, Patio Cover - Per Costs:	\$0.00	\$0.00
Area Under Roof - RADON - Per Sq.Ft.:	1600	\$16.00
Walk-Thru - Per Valuation:	\$0.00	\$40.00
Repairs to Building/Structure - Per Costs:	\$0.00	\$0.00
Roofing or Re-roofing - Per Sq.Ft.:	0	\$0.00
Window/Doors - Per # of:	0	\$0.00
Signs 36-4 (Writer/Erect) - Per Sq.Ft.:	0	\$0.00
Fence and/or Wall - Per Linear Feet:	0	\$0.00
Partial Demo (Struct, Sign, Wall) - Per Costs:	\$0.00	\$0.00
Swimming Pool - Per Gallon:	0	\$0.00
Painting - Per Costs:	\$0.00	\$0.00
Sandblasting - Per Costs:	\$0.00	\$0.00
Paving - Per Sq.Ft.:	0	\$0.00
Concrete Slab - No Paving - Per Sq.Ft.:	0	\$0.00
Trees - Per # of:	0	
Hedges - Per Linear Feet:	0	
Groundcover - Per Sq.Ft.:	0	
Landscaping Fee:		\$0.00
Other Fees:		\$0.00
Penalty Fee (If Applicable):		\$0.00

Activity Number: B0801653**Fire Safety Fees**

New Building or Addition - Per Sq.Ft.:	0	\$0.00
Storage/Industrial Bldg - E & F Occup - Per Sq.Ft.:	0	\$0.00
Greenhouse/Argiculture on Premises - Per Sq.Ft.:	0	\$0.00
Screen Enclsoure/Trail on Premises - Per Sq.Ft.:	0	\$0.00
SS Underground Tanks/App Shelter - Per #:	0	\$0.00
Construction not shown Above - Per Costs:	\$0.00	\$0.00
Alt/Repair Building/Structure - Per Costs:	\$0.00	\$0.00

Marine Structure Fee

Dock Area - Per Sq.Ft.:	0	\$0.00
Seawall - Per Linear Feet:	0	\$0.00
Boat Lifts, Davits, Hoist - Per # of:	0	\$0.00
Batter, Mooring, Dock Piles - Per # of:	0	\$0.00
Marine Structure Alt/Repair - Per Costs:	\$0.00	\$0.00

SFBC Compliance Surcharge

New Const/Add - Res/Mult-Fam/Comm - Per Sq.Ft.:	0	\$0.00
New Const/Add - Strg/Ind/Msc - Per Sq.Ft.:	0	\$0.00
Cost for Other Construction:		\$0.00

Training Fee

Training Fee:		\$40.00
Sanitation Fee:		\$120.00

Additional Fees

1st Reinspection:		\$0.00
Continued Reinspections - Per # of:	0	\$0.00
Building Joint Inspections - Per # of:	0	\$0.00
Change of Contractor Per # of:	0	\$0.00
Permit Extension - Per # of:	0	\$0.00

Residential Card:

Commercial Card:

Permit Card Replacements: \$0.00

Lost Plan Fee - SF: \$0.00

Lost Plan Fee - Other: \$0.00

Overtime Inspection Fees: \$0.00

Total of All Fees: \$987.00

Total of Payments: \$987.00

Balance Due: \$0.00

=====



MIAMI BEACH

\$200.00 UP FROM P...
\$987.00 Total fee

APPLICATION
5800 NO. BAY RD.
POOL PERMIT

BUILDING DEPARTMENT
1700 Convention Center Drive
Miami Beach, FL 33139
Office: 305-673-7610 Fax: 305-673-7857

WORK PERMIT APPLICATION

FLORIDA BUILDING CODE IN EFFECT

MASTER PERMIT #

DATE 01/22/08

PERMIT # B06000445 - B0801653

If subsidiary or revision, provide the Master building permit number here B: 06000445

IS THIS PERMIT ASSOCIATED WITH A VIOLATION? If so; BV# _____

For **DEMOLITION** provide the year the structure was built NA Historic District Yes No

Type of Property Single Family Commercial Multi-Family/Condo

TYPE OF IMPROVEMENT: Building Electrical Plumbing Mechanical REVISION

Describe REMODEL EXISTING POOL ADD SWIMOUT, RE CONFIGURE STEPS, REPLACE EXISTING POOL EQUIP/HEATERS AS SHOWN

Job Value \$ 40,000.00 Square Feet 1,600 Linear Feet NA Pool Gallonage 66,150 No. of units NA

Job Address 5800 N BAY RD. MIAMI BEACH, FL 33140

(PARCEL #)

Folio # 32150030270 Unit # NA

City MIAMI BCH State FL Zip 33140 Phone 305-335-4131

Owner/Owner Builder MARK GAINOR Drivers License No. G560550560930

Address 40301 FISHER ISLAND MIAMI, FL

City MIAMI State FL Zip 33139 Phone 305-335-4131

Fee Simple Titleholder's Name (if other than owner) _____

Address _____

City _____ State _____ Zip _____ Phone _____

Contractor Gables Pool License No. CPC-057184

Address 4754 S.W. 74 Ave

City Miami State FL Zip 33155 Phone 305-220-3350

Contractor ~~POOL - AQUADYNAMICS~~ License # ~~55359~~

MASTER PERMIT # 3D DESIGN

License No. AR0016752

Address 4910 SW 72 AVE

City MIAMI State FL Zip 33155 Phone 305 667 8975

Engineer OFELIA TABOADA PE License No. 55339

Address 4910 SW 72 ave

City Miami State FL Zip 33155 Phone 305 667 8975

PLEASE COMPLETE SHADED AREAS

BUILDING WORK PERMIT APPLICATIONS ARE AVAILABLE ON THE MIAMI BEACH WEBSITE AT :WWW.MIAMIBEACHFL.GOV

Bonding company Name _____

Address _____

City _____ State _____ Zip _____ Phone _____

Mortgage Lender's Name _____

Address _____

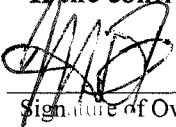
City _____ State _____ Zip _____ Phone _____

This application is hereby made to obtain a permit to do the work and installations as indicated. I certify that all work will be performed to meet the standards of all laws and construction regulations in this jurisdiction. I understand that **SEPARATE PERMITS** are required for *Electrical, Mechanical, Plumbing, Signs, Swimming Pools, Spas, Windows, Sliding Glass Doors and Roofing.*

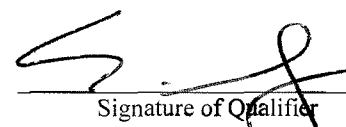
OWNER'S AFFIDAVIT: I certify that all the foregoing information is accurate and that all work will be done in compliance with all applicable laws regulating construction and Zoning.

NOTICE: In addition to the requirements of this permit, there may be additional restrictions applicable to this property that may be found in the public records of this county, and there may be additional permits required from other governmental entities such as water management districts, state agencies or federal agencies.

* If the contractor is going to be hired by the tenant, check here.


Signature of Owner or Agent

Signature of Tenant


Signature of Qualifier

Eric G. Minor
Printed Name of Owner or Agent

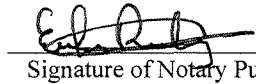
Printed Name of Tenant

Enrique Sanchez
Printed Name of Qualifier

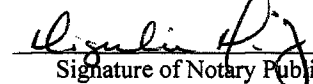
Date 1-24-08

Date _____

Date 01-22-08


Signature of Notary Public

Signature of Notary Public


Signature of Notary Public

Identification _____


Identification _____

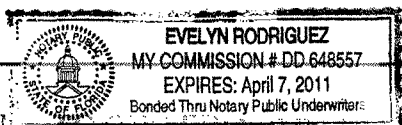
Identification _____

Sworn to and subscribed before me this _____ day of _____ 20____.
(Seal)

Sworn to and subscribed before me this _____ day of _____ 20____.
(Seal)

Sworn to and subscribed before me this 22 day of January 2008.
(Seal)

NOTARY PUBLIC-STATE OF FLORIDA

Miguelina Martinez
Commission # DD488511
Expires: NOV. 07, 2009
Bonded Thru Atlantic Bonding Co., Inc.

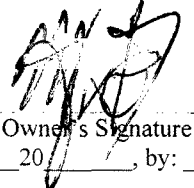


WARNING: FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN THE LOSS OF YOUR PROPERTY IF YOU INTEND TO CONVEY THE PROPERTY WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT. NOTICE OF COMMENCEMENT SHOULD BE FILED AT: 22 NW 1ST STREET, MIAMI, FL

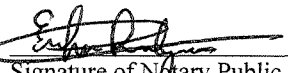
STATE OF FLORIDA

COUNTY OF DADE

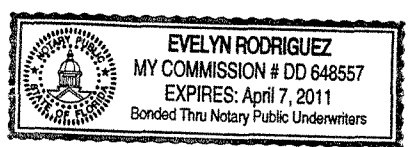
Print Owner's Name
Sworn to and subscribed before me this _____ day of _____


Owner's Signature
20____, by: _____

() Personally Known () Produced Identification - Type of Identification _____


Signature of Notary Public

(Seal)



Application Approved By: _____

Permit Clerk

NOTICE OF COMMENCEMENT

A RECORDED COPY MUST BE POSTED ON THE JOB SITE AT TIME OF FIRST INSPECTION

PERMIT NO. _____ TAX FOLIO NO. _____

STATE OF FLORIDA
COUNTY OF MIAMI-DADE:

THE UNDERSIGNED hereby gives notice that improvements will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

1. Legal description of property and street/address: 5800 N. BAY RD

2. Description of improvement: POOL RENOVATION

3. Owner(s) name and address: MARK GAINOR

Interest in property: _____

Name and address of fee simple titleholder: _____

4. Contractor's name and address: _____

Cables Pool 4754 S.W. 74 Ave Miami, FL. 33155

5. Surety: (Payment bond required by owner from contractor, if any)

Name and address: _____

Amount of bond \$ _____

6. Lender's name and address: _____

7. Persons with the state of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes.

Name and address: _____

Carla Sanchez 4754 S.W. 74 Ave Miami, FL. 33155

8. In addition to himself, Owners designates the following person(s) to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.

Name and address: _____

9. Expiration date of this Notice of Commencement: (the expiration date is 1 year from the date of recording unless a different date is specified) _____

Signature of Owner _____

Print Owner's Name _____ Prepared by Carla Sanchez

Sworn to and subscribed before me this _____ day of _____, 20 _____.

Notary Public _____

Print Notary's Name _____

My commission expires: _____

(seal)

CITY OF MIAMI BEACH
Building Department
1700 Convention Ctr Drive, 2nd Floor
Miami Beach, Florida 33139

Inspections: (305) 673-7370 Office: (305) 673-7610

Bldg Electrical Permit

03-14-2008

Activity Number: BE081339

Status: APPROVED

Issued By: BUILRODR

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

Applied: 03/14/2008
Approved: 03/14/2008
Completed:
To Expire: 09/10/2008

Valuation: \$0.00

Applicant: NAVARRO ELECTRICAL SERVICES IN
MARK J GAINOR & W ELYSE S
12401 W OKEECHOBEE RD, #438
HIALEAH GARDENS, FL 33018
305-226-5545

Property Owner:
MARK J GAINOR TRUSTEE
7463 FISHER ISLAND DR 331090717

Description: REPLACE EXISTING POOL PUMPS & EQUIPMENT.
Inspector Area: N Class Code: R3

DETAIL LIST

Electrical Fees

Rough Wiring Outlets:	0	\$0.00
Temporary Service:	0	\$0.00

Subfeed for Construction/# of Service:

Up to 100 Amps:	0	\$0.00
101 to 200 Amps:	0	\$0.00
201 to 400 Amps:	0	\$0.00
401 to 600 Amps:	0	\$0.00
601 to 800 Amps:	0	\$0.00
Over 800 Amps:	0	\$0.00
Service Repair/Meter Change:	0	\$0.00
Other Fees:		\$0.00
Other Fees Explanation:		

Equipment Outlets - Permanent Connection

Equipment Outlet Ex Wall/Window AC:	0	\$0.00
Ranges or Range Tops:	0	\$0.00
Ovens:	0	\$0.00
Water Heaters:	0	\$0.00
Space Heaters:	0	\$0.00
Washing Machines:	0	\$0.00
Dryers:	0	\$0.00
Fans - w/Fraction HP Motors:	0	\$0.00
Garbage Disposals:	0	\$0.00
Dishwashers:	0	\$0.00

B0801653

Activity Number: BE081339

Equipment Outlets - Permanent Connection - Cont.

Refrigerator:	0	\$0.00
Deep Freezer:	0	\$0.00
Wall/Window A.C.:	0	\$0.00
A.C. - Not Wall/Window:	0	\$0.00
Motors Up to 1 HP:	0	\$0.00
Motors from 2 HP thru 10 HP:	0	\$0.00
Motors Greater than 10 HP:	0	\$0.00
Portable X-ray (DDS):	0	\$0.00
Stationary X-ray (MD):	0	\$0.00
Diathermic Units:	0	\$0.00
Isolation Units:	0	\$0.00

Antenna-TV-Intercom-Phones

Antenna, Outlets, etc.:	0	\$0.00
Receiving Antennas:	0	\$0.00
Detection Central System:	0	\$0.00
Smoke Detectors:	0	\$0.00
Heads or Target Area Speakers:	0	\$0.00
Bell Alarm Station:	0	\$0.00
Light Fixtures:	0	\$0.00
Combination Light Fixtures:	0	\$0.00
Streamed/Festoon Lights:	0	\$0.00
Plugmold:	0	\$0.00

Generator/Transformers

Up to 5 KVA/KW:	0	\$0.00
6 to 10 KVA/KW:	0	\$0.00
11 to 15 KVA/KW:	0	\$0.00
16 to 20 KVA/KW:	0	\$0.00
21 to 25 KVA/KW:	0	\$0.00
25 KVA or KW:	0	\$0.00
Same floor, largest above, additional units:	0	\$0.00
Weld Machine Outlet to 25 Amps:	0	\$0.00
Weld Machine Outlet Over 25 Amps:	0	\$0.00

Special Purpose Outlets

Special Purpose Commercial Outlets:	0	\$0.00
Painting, Bake Oven, Outlet:	0	\$0.00
Sign Face:	0	\$0.00
Sign Repair - Connect or Reconnect:	0	\$0.00
Resident Pool/Spa Lighting:	1	\$90.00
Combination Pool/Spa Lighting:	0	\$0.00
Commercial/Multi-Family Pool:	0	\$0.00
Commercial/Multi-Family Combo:	0	\$0.00
Temporary Equipment Gr. for Carnival/Circus:	0	\$0.00

Fire Safety

Floor Accept Test Alarm System:		\$0.00
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SFBC Compliance Fees

SFBC Compliance Fee:		\$0.00
Training Fee:		\$0.00
Extra Fee - Penalty:		\$0.00
Sanitation Fee:		\$0.00

Activity Number: BE081339

Additional Fees

Ist Reinspection:	\$0.00
Continued Reinspections:	\$0.00
Change of Contractor:	\$0.00
Permit Extension:	\$0.00
Permit Card Replacements:	\$0.00
Overtime Inspection Fees:	<u>\$0.00</u>
Total of All Fees:	\$90.00
Total of Payments:	\$90.00
Balance Due:	\$0.00

305-673-7610 OFFICE

CITY OF MIAMI BEACH
BUILDING DEPARTMENT
1700 CONVENTION CENTER DR
MIAMI BEACH, FL 33139

\$82.00
305-673-7857 FAX

WORK PERMIT APPLICATION

(PLEASE FILL OUT COMPLETELY)

BE081339
FLORIDA BUILDING CODE

DATE: 02 / 18 / 20

CODE IN EFFECT: FLORIDA BUILDING CODE

IF SUBSIDIARY OR REVISION PROVIDE THE MASTER BUILDING PERMIT NUMBER HERE: B B0801653			
LOCATION OF IMPROVEMENTS		CONTRACTOR INFORMATION	
JOB ADDRESS: <u>5800 N Bay Road</u>	LICENSE #: <u>95E000314</u>	SS #: <u>267-99-9520</u>	COMPANY: <u>Navaro Electrical Services, Inc.</u>
FOLIO NUMBER: <u>02-3215-003-0270</u>	QUALIFIER: <u>Daniel E. Navarro</u>	ADDRESS: <u>12401 W. Okeechobee Rd.</u>	CITY/STATE/ZIP: <u>Hialeah Gardens, FL 33018</u>
LOT: _____	PHONE #: <u>(305) 226-5545</u>		
BLOCK: _____			
SUBDIVISION: _____			
P. B. PAGE: _____			
YEAR BUILT: _____			
TYPE OF IMPROVEMENTS			
DESCRIPTION OF WORK: <u>Replace Existing Pool Pumps & Equipments</u>			
VALUE OF WORK: <u>\$ 1455.00</u>	NO BLDGS.: _____	NO OF UNITS: _____	NO OF FLOORS: _____
SQUARE FEET: _____	LINEAL FEET: _____	POOL GALLONAGE: _____	
<input type="checkbox"/> NEW CONSTRUCTION ON VACANT LAND	<input type="checkbox"/> FOUNDATION ONLY	<input type="checkbox"/> SHELL ONLY	<input type="checkbox"/> SIGNS
<input type="checkbox"/> ALTERATION INTERIOR	<input type="checkbox"/> ENCLOSURE	<input type="checkbox"/> ADDITION ATTACHED	<input checked="" type="checkbox"/> SWIMMING POOL/SPA
<input type="checkbox"/> ALTERATION EXTERIOR	<input type="checkbox"/> REPAIR	<input type="checkbox"/> ADDITION DETACHED	<input type="checkbox"/> HURRICANE SHUTTERS
<input type="checkbox"/> STRUCTURE RELOCATION	<input type="checkbox"/> REPAIR DUE TO FIRE	<input type="checkbox"/> AWNING/CANOPIES	<input type="checkbox"/> WINDOWS/SLIDING DOORS
<input type="checkbox"/> DEMOLISH	<input type="checkbox"/> FENCING		
ROOFING			
<input type="checkbox"/> (92) LOW SLOPE APPLICATION (GRAVEL, SMOOTH MODIFIED, SINGLE PLY)	SQUARE FEET _____		
<input type="checkbox"/> (95) SHINGLES (ASPHALT, FIBERGLASS)	<input type="checkbox"/> SINGLE FAMILY		
<input type="checkbox"/> (96) SHINGLES (METAL ROOFS/WOOD SHINGLES & SHAKE)	<input type="checkbox"/> MULTI-FAMILY		
<input type="checkbox"/> (0107) TILE ROOF	<input type="checkbox"/> COMMERCIAL		
<input type="checkbox"/> LIGHT WEIGHT			
PERMIT TYPE		CHANGE TO EXISTING	
<input type="checkbox"/> BUILDING	<input type="checkbox"/> MECHANICAL	<input type="checkbox"/> CHANGE CONTRACTOR	<input type="checkbox"/> PERMIT UPGRADE
<input checked="" type="checkbox"/> ELECTRICAL	<input type="checkbox"/> PLUMBING	<input type="checkbox"/> REVISIONS	<input type="checkbox"/> SUPPLEMENTAL
<input type="checkbox"/> FIRE			
OWNER'S INFORMATION		MORTGAGE LENDER'S INFORMATION	
NAME: <u>MARK J GAINOR &W ELYSE S</u>	NAME: _____		
ADDRESS: <u>5800 N. Bay Road.</u>	ADDRESS: _____		
CITY/STATE/ZIP: <u>Miami Beach, FL 33140</u>	CITY/STATE/ZIP: _____		
PHONE NUMBER: _____	PHONE NUMBER: _____		
ARCHITECT'S INFORMATION		ENGINEER'S INFORMATION	
NAME: _____	NAME: _____		
ADDRESS: _____	ADDRESS: _____		
CITY/STATE/ZIP: _____	CITY/STATE/ZIP: _____		
PHONE NUMBER: _____	PHONE NUMBER: _____		
LICENSE #: _____	LICENSE #: _____		

OCCUPANCY CLASSIFICATIONS	
ASSEMBLY OCC. - GROUP A1 GREATER THAN 1,000	INSTITUTIONAL OCC. - GROUP I UNRESTRICTED
ASSEMBLY OCC. - GROUP A2 50 TO 1,000	INSTITUTIONAL OCC. - GROUP I RESTRICTED
BUSINESS OCC. - GROUP B	MERCANTILE OCC. - GROUP M
DAY CARE OCC. - GROUP D	RESIDENTIAL OCC. - GROUP R1 HOTEL/MOTEL
EDUCATIONAL OCC. - GROUP E	RESIDENTIAL OCC. - GROUP R2 APTS/CONDO
FACTORY OCC. - GROUP F	RESIDENTIAL OCC. - GROUP R3 S/F
HAZARDOUS OCC. - GROUP H1 EXPLOSIVE	RESIDENTIAL OCC. - GROUP R4 CARE FACILITIES
HAZARDOUS OCC. - GROUP H2 BURNING	STORAGE OCC. - GROUP S1 ORDINARY HAZARD
HAZARDOUS OCC. - GROUP H3 PHYSICAL	STORAGE OCC. - GROUP S2 LOW HAZARD
HAZARDOUS OCC. - GROUP H4 HEALTH	

Application is hereby made to obtain a permit to do work and installation as indicated. I certify that all work will be performed to meet the standards of all laws regulation construction in this jurisdiction. I understand that **SEPARATE PERMITS ARE REQUIRED** for *Electrical, Mechanical, Plumbing, Signs, Swimming Pools and Spas, Windows and Sliding Glass Doors and Roofing, and Fire Protection Systems*. As per Florida Building Code 104.4.1.4:

NOTICE: In addition to the requirements of this permit, there may be additional restrictions applicable to this property that may be found in the public records of this county, and there may be additional permits required from other governmental entities such as water management districts, state agencies or federal agencies.

 SIGNATURE OF QUALIFIER ONLY

STATE OF FLORIDA

COUNTY OF DADE

Sworn to and subscribed before me this 14 day of March, 2007, By:

Daniel Edwards Nelson

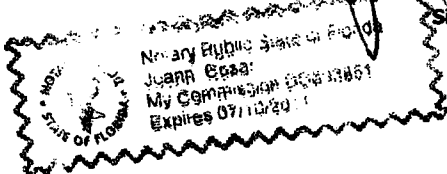
PLEASE PRINT QUALIFIER'S NAME

() Personally Known to me. () Procured Identification:

Type of Identification: DAF N 160-165-62-372-0

() DID TAKE OATH. () DID NOT TAKE OATH

 Signature of Notary Public





CITY OF MIAMI BEACH - BUILDING DEPARTMENT

1700 CONVENTION CENTER DR, 2ND FLOOR

MIAMI BEACH, FLORIDA 33139

(305) 673-7610 Office

(305) 673-7857 Fax

ELECTRICAL FEE SHEET

ATTENTION APPLICANT: You are responsible for filling out this application correctly. If you have any questions concerning what category your work falls under, PLEASE see an electrical inspector. Any work commenced without a permit being issued will be subject to a double fee plus a \$145.00 fine. The minimum fee for an electrical permit is \$60.00. This minimum does not include other applicable surcharges. Under penalties of perjury, I declare that to the best of my knowledge, the facts stated in this document are true. I understand that perjury is a felony of the third degree.

[Handwritten signature] (L. S.)

ITEMS	UNIT NUMBER	PRICE EACH	SUB TOTAL
1. Minimum Permit Fee including repair work per permit (Unless other minimum fee is specified):			
2. This minimum does not apply to permits issued as supplementary to current outstanding permit for the same job.)		\$60.00	
ROUGH WIRING OUTLETS			
3. Light, Receptacles and Switch			
4. For 1 through 10 outlets		\$28.00	
5. For each additional after 10 outlets		\$2.50	
SERVICES			
6. (The following fees shall be charged for each service and for each sub feed in new installation only. No charge will be made for sub feeds in existing installations.) Each service shall include one (1) sub feed.			
7. Temporary for construction, test, etc.		\$72.00	
8. Sub feeds			
9. 100 amps and under		\$9.00	
10. 101 amps to 200 amps		\$12.00	
11. 201 amps to 400 amps		\$14.00	
12. 401 amps to 600 amps		\$15.00	
13. 601 amps to 800 amps		\$21.00	
14. For each additional 100 amps over 800 amps		\$8.00	
15. Service repairs and/or meter change		\$75.00	
SWITCHBOARDS			
16. (Same as Services shown above by amps)			
17. 100 amps and under		\$9.00	
18. 101 amps to 200 amps		\$12.00	
19. 201 amps to 400 amps		\$14.00	
20. 401 amps to 600 amps		\$15.00	
21. 601 amps to 800 amps		\$21.00	
22. For each additional 100 amps over 800 amps		\$8.00	

ITEMS	UNIT NUMBER	PRICE EACH	SUB TOTAL
EQUIPMENT OUTLETS OR PERMANENT CONNECTIONS			
23. For each range outlet	_____	\$12.00	_____
24. For each range top outlet	_____	\$12.00	_____
25. For each oven outlet	_____	\$12.00	_____
26. For each water heater outlet	_____	\$12.00	_____
27. For each space heater outlet	_____	\$12.00	_____
28. For each washing machine outlet	_____	\$12.00	_____
29. For each dryer outlet	_____	\$12.00	_____
30. For each fan outlet (with HP motor)	_____	\$12.00	_____
31. For each garbage disposal outlet	_____	\$12.00	_____
32. For each dishwasher outlet	_____	\$12.00	_____
33. For each deep freezer outlet	_____	\$12.00	_____
34. For each refrigerator outlet	_____	\$12.00	_____
35. For each air conditioning outlet (window or through wall units)	_____	\$15.00	_____
36. For each ton for central units outlet (Minimum \$13.00)	_____	\$9.00	_____

ITEMS	UNIT NUMBER	PRICE EACH	SUB TOTAL
FOR MOTORS			
37. Each up to 1 horsepower	_____	\$12.00	_____
38. From 2 horsepower to 10 horsepower	_____	\$58.00	_____
39. Each horsepower over 10 horsepower	_____	\$3.50	_____

ITEMS	UNIT NUMBER	PRICE EACH	SUB TOTAL
MACHINE OUTLETS OR PERMANENT CONNECTIONS			
40. For portable dentist x-ray	_____	\$30.00	_____
41. For stationary doctor x-ray	_____	\$40.00	_____
42. For diathermic	_____	\$30.00	_____
43. For isolation units	_____	\$58.00	_____

ITEMS	UNIT NUMBER	PRICE EACH	SUB TOTAL
GENERATORS AND TRANSFORMER, COMMERCIAL HEATING EQUIPMENT			
44. Each generator or transformer up to	_____		_____
45. 5 KVA or KW	_____	\$7.50	_____
46. Each generator or transformer over	_____		_____
47. 6 KVA or KW through 10 KVA or KW	_____	\$15.00	_____
48. Each generator transformer over	_____		_____
49. 11 KVA through 15 KVA or KW	_____	\$19.00	_____
50. Each generator or transformer over	_____		_____
51. 20 KVA or KW through 20 KVA or KW	_____	\$26.00	_____
52. Each generator or transformer over	_____		_____
53. 21 KVA or KW through 25 KVA or KW	_____	\$40.00	_____
54. Each generator or transformer over	_____		_____
55. 26 KVA or KW through 50 KVA or KW	_____	\$75.00	_____
56. Each generator or transformer over	_____	\$0.85	_____
57. 50 KVA or KW, each additional KVA or KW	_____	\$1.75	_____

ITEMS	UNIT NUMBER	PRICE EACH	SUB TOTAL
TEMPORARY WORK ON CIRCUSES/CARNIVALS			
87. Per show	_____	\$300.00	_____
FIRE DETECTION SYSTEM OR REPAIRS			
88. For installation for central system	_____	\$30.00	_____
89. For each smoke detectors	_____	\$3.00	_____
90. For each head or target area, with product or wire with similar character	_____	\$3.00	_____
91. For each speaker	_____	\$3.00	_____
92. For each strobe light	_____	\$3.00	_____
93. For each bell alarm station	_____	\$3.00	_____
94. For each proximity station	_____	\$3.00	_____
95. For semi-annual reinspection fee	_____	\$30.00	_____
MASTER TELEVISION, INTERCOM, BURGLAR ALARM, TELEPHONE AND RADIO			
96. For antenna master control	_____	\$40.00	_____
97. For television and radio antenna devices	_____	\$28.00	_____
98. For all outlets	_____	\$28.00	_____
99. For suppressors	_____	\$28.00	_____
100. For splitters	_____	\$28.00	_____
101. For lighting arresters	_____	\$28.00	_____
102. For receivers	_____	\$28.00	_____
103. For input devices	_____	\$28.00	_____
104. For audio amplifiers	_____	\$28.00	_____
105. For ground connections	_____	\$28.00	_____
106. For cable telephone	_____	\$28.00	_____
107. For computer outlets	_____	\$28.00	_____
108. For other low voltage outlets	_____	\$28.00	_____
109. For 1 through 5 devices	_____	\$28.00	_____
110. For each additional device	_____	\$1.50	_____
111. For fire alarm and/or fire test pump per hour Minimum	_____	\$115.00	_____
DADE COUNTY CODE COMPLIANCE FEE			
114. For every \$1,000.00 of job valuation	_____	\$0.60	_____
MIAMI BEACH TRAINING FEE			
115. For every \$1,000.00 of job valuation or fractional part thereof	_____	\$1.00	_____
SANITATION FEE			
116. For every \$100.00 of estimated cost or fractional part Minimum of \$20 maximum of \$1,500.00	_____	\$0.30	_____
TOTAL ELECTRICAL PERMIT FEE			_____

CITY OF MIAMI BEACH
Building Department
1700 Convention Ctr Drive, 2nd Floor
Miami Beach, Florida 33139

Inspections: (305) 673-7370

Office: (305) 673-7610

Bldg Small Work Permit

03-04-2008

Activity Number: B0802094

Status: APPROVED Issued By: BUILTRIL
Site Address: 5800 N BAY RD MBCH Applied: 02/28/2008
Parcel #: 32150030270 Approved: 03/04/2008
Completed:
To Expire: 08/31/2008

Valuation: \$15,000.00

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

CONDITON(s):

Description: **LANDSCAPING/ (67) hedges, (326) trees .**

Inspector Area: s Class Code: r3

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DETAIL LIST

Alteration/Repair Fees

Alteration Bulding/Structures - Per Costs:	\$0.00	\$0.00
Awning, Canopy, Patio Cover - Per Costs:	\$0.00	\$0.00
Area Under Roof - RADON - Per Sq.Ft.:	0	\$0.00
Walk-Thru - Per Valuation:	\$0.00	\$15.00
Repairs to Building/Structure - Per Costs:	\$0.00	\$0.00
Roofing or Re-roofing - Per Sq.Ft.:	0	\$0.00
Window/Doors - Per # of:	0	\$0.00
Signs 36-4 (Writer/Erect) - Per Sq.Ft.:	0	\$0.00
Fence and/or Wall - Per Linear Feet:	0	\$0.00
Partial Demo (Struct, Sign, Wall) - Per Costs:	\$0.00	\$0.00
Swimming Pool - Per Gallon:	0	\$0.00
Painting - Per Costs:	\$0.00	\$0.00
Sandblasting - Per Costs:	\$0.00	\$0.00
Paving - Per Sq.Ft.:	0	\$0.00
Concrete Slab - No Paving - Per Sq.Ft.:	0	\$0.00
Trees - Per # of:	326	
Hedges - Per Linear Feet:	150	
Groundcover - Per Sq.Ft.:	0	
Landscaping Fee:		\$0.00
Other Fees:		\$0.00
Penalty Fee (If Applicable):		\$0.00

Activity Number: B0802094**Fire Safety Fees**

New Building or Addition - Per Sq.Ft.:	0	\$0.00
Storage/Industrial Bldg - E & F Occup - Per Sq.Ft.:	0	\$0.00
Greenhouse/Argiculture on Premises - Per Sq.Ft.:	0	\$0.00
Screen Enclsoure/Trail on Premises - Per Sq.Ft.:	0	\$0.00
SS Underground Tanks/App Shelter - Per #:	0	\$0.00
Construction not shown Above - Per Costs:	\$0.00	\$0.00
Alt/Repair Building/Structure - Per Costs:	\$0.00	\$0.00

Marine Structure Fee

Dock Area - Per Sq.Ft.:	0	\$0.00
Seawall - Per Linear Feet:	0	\$0.00
Boat Lifts, Davits, Hoist - Per # of:	0	\$0.00
Batter, Mooring, Dock Piles - Per # of:	0	\$0.00
Marine Structure Alt/Repair - Per Costs:	\$0.00	\$0.00

SFBC Compliance Surcharge

New Const/Add - Res/Mult-Fam/Comm - Per Sq.Ft.:	0	\$0.00
New Const/Add - Strg/Ind/Msc - Per Sq.Ft.:	0	\$0.00
Cost for Other Construction:		\$0.00

Training Fee

Training Fee:		\$15.00
Sanitation Fee:		\$45.00

Additional Fees

1st Reinspection:		\$0.00
Continued Reinspections - Per # of:	0	\$0.00
Building Joint Inspections - Per # of:	0	\$0.00
Change of Contractor Per # of:	0	\$0.00
Permit Extension - Per # of:	0	\$0.00

Residential Card:

Commercial Card:

Permit Card Replacements: \$0.00

Lost Plan Fee - SF: \$0.00

Lost Plan Fee - Other: \$0.00

Overtime Inspection Fees: \$0.00

Total of All Fees: \$1,765.90

Total of Payments: \$1,765.90

Balance Due: \$0.00

=====



BUILDING DEPARTMENT
 1700 Convention Center Drive
 Miami Beach, FL 33139
 Office: 305-673-7610 Fax: 305-673-7857

~~Must be Electrical~~
~~Contractor~~

WORK PERMIT APPLICATION

FLORIDA BUILDING CODE IN EFFECT

DATE 2/26/08 PERMIT # ~~B0600445~~ B0800094

If subsidiary or revision, provide the Master building permit number here B: _____

IS THIS PERMIT ASSOCIATED WITH A VIOLATION? If so; BV# _____

For DEMOLITION provide the year the structure was built _____ Historic District Yes No

Type of Property Single Family Commercial Multi-Family/Condo

TYPE OF IMPROVEMENT: Building Electrical Plumbing Mechanical REVISION

Describe ~~Low~~ HIGH VOLTAGE LANDSCAPE LIGHTING

Job Value \$ 15,000⁰⁰ Square Feet _____ Linear Feet _____ Pool Gallonage _____ No. of units _____

Job Address 5800 N. Bay Rd. MIAMI Bch, FL 33140

Folio # 32150030270 Parcel # _____ Unit # _____

City MIAMI BEACH State FL Zip 33140 Phone 305-335-4131

Owner/Owner Builder MARK GAINOR Drivers License No. A560-550-56-093-0

Address 40301 FISHER IS. DRIVE

City MIAMI State FL Zip 33139 Phone 305-335-4131

Fee Simple Titleholder's Name (if other than owner) _____

Address _____

City _____ State _____ Zip _____ Phone _____

Contractor FRAME PRO CONSTRUCTION CORP License No. ~~XXXXXXXXXXXX~~ C6C1507139

Address 17031 SW 150 CT

City MIAMI, FL State FL Zip 33187 Phone 786-346-0932

Cell# 786-346-0932 Fax # _____

Architect 3D DESIGN License No. AR0016752

Address 1234 WASHINGTON AVE

City MIAMI Bch, State FL Zip 33139 Phone 305-531-5208

Engineer _____ License No. _____

Address _____

City _____ State _____ Zip _____ Phone _____

PLEASE COMPLETE SHADED AREAS
 BUILDING WORK PERMIT APPLICATIONS ARE AVAILABLE ON THE MIAMI BEACH WEBSITE AT : WWW.MIAMIBEACHFL.GOV

Contractor's Signature Must be Notarized

Address _____

City _____ State _____ Zip _____ Phone _____

Mortgage Lender's Name _____

Address _____

City _____ State _____ Zip _____ Phone _____

This application is hereby made to obtain a permit to do the work and installations as indicated. I certify that all work will be performed to meet the standards of all laws and construction regulations in this jurisdiction. I understand that **SEPARATE PERMITS** are required for *Electrical, Mechanical, Plumbing, Signs, Swimming Pools, Spas, Windows, Sliding Glass Doors and Roofing.*

OWNER'S AFFIDAVIT: I certify that all the foregoing information is accurate and that all work will be done in compliance with all applicable laws regulating construction and Zoning.

NOTICE: In addition to the requirements of this permit, there may be additional restrictions applicable to this property that may be found in the public records of this county, and there may be additional permits required from other governmental entities such as water management districts, state agencies or federal agencies.

* If the contractor is going to be hired by the tenant, check here.

Danielo Ramirez
Signature of Owner or Agent

DANILO RAMIREZ
Printed Name of Owner or Agent

Date 2/26/08

[Signature]
Signature of Notary Public

Identification _____

Signature of Tenant

Printed Name of Tenant

Date _____

Signature of Notary Public

Identification _____

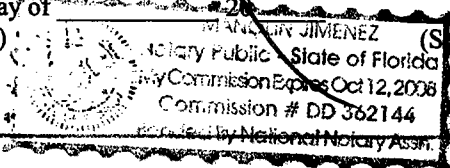
Danielo Ramirez
Signature of Qualifier

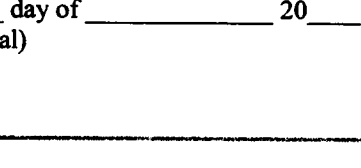
DANILO RAMIREZ
Printed Name of Qualifier

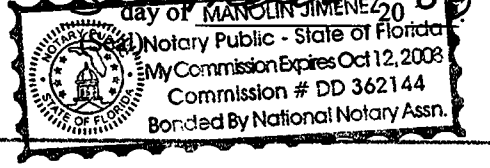
Date 3/3/08

[Signature]
Signature of Notary Public

Identification P. Ram.

Sworn to and subscribed before me this _____ day of _____, 20____.
(Seal) 

Sworn to and subscribed before me this _____ day of _____, 20____.
(Seal) 

Sworn to and subscribed before me this _____ day of _____, 20____.
(Seal) 

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT. NOTICE OF COMMENCEMENT SHOULD BE FILED AT: 22 NW 1ST STREET, MIAMI, FL

STATE OF FLORIDA

COUNTY OF DADE

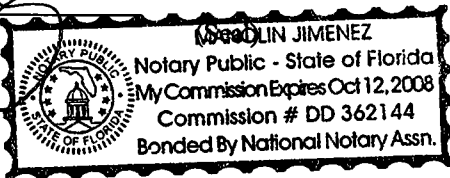
MARK GAINOR
Print Owner's Name

Sworn to and subscribed before me this 26 day of FEB.

[Signature]
Owner's Signature
20 08, by: _____

Personally Known () Produced Identification Type of Identification _____

[Signature]
Signature of Notary Public



Application Approved By: _____

Permit Clerk

**CITY OF MIAMI BEACH
Building Department
1700 Convention Ctr Drive, 2nd Floor
Miami Beach, Florida 33139**

Inspections: (305) 673-7370

Office: (305) 673-7610

Bldg Small Work Permit

04-14-2008

Activity Number: B0802336

Status: APPROVED

Issued By: BUILTRIL

Site Address: 5800 N BAY RD MBCH

Applied: 03/14/2008

Parcel #: 32150030270

Approved: 04/14/2008

Completed:

To Expire: 10/11/2008

Valuation: \$20,000.00

Applicant: GABLES POOL & SPA INC
ENRIQUE SANCHEZ/QUAL
2462 S.W. 137TH AV 33175
305 220-3350

Property Owner: MARK J GAINOR & W ELYSE S
MARK J GAINOR TRUSTEE
7463 FISHER ISLAND DR 331090717

CONDITION(s):

Description: SPA & KOI POND

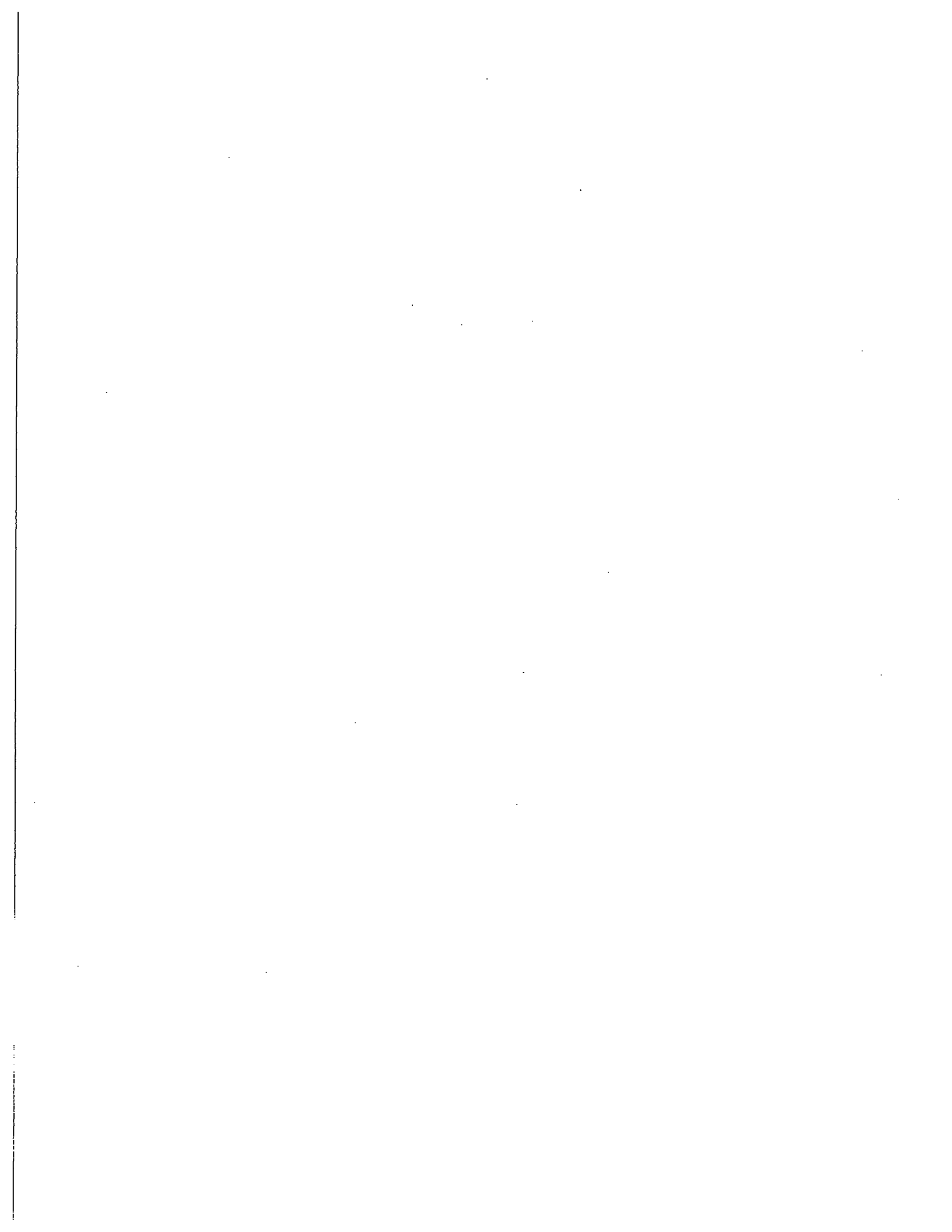
Inspector Area: C Class Code: R3

DETAIL LIST

Alteration/Repair Fees

Alteration Bulding/Structures - Per Costs:	\$9,000.00	\$220.00
Awning, Canopy, Patio Cover - Per Costs:	\$0.00	\$0.00
Area Under Roof - RADON - Per Sq.Ft.:	0	\$0.00
Walk-Thru - Per Valuation:	\$0.00	\$20.00
Repairs to Building/Structure - Per Costs:	\$0.00	\$0.00
Roofing or Re-roofing - Per Sq.Ft.:	0	\$0.00
Window/Doors - Per # of:	0	\$0.00
Signs 36-4 (Writer/Erect) - Per Sq.Ft.:	0	\$0.00
Fence and/or Wall - Per Linear Feet:	0	\$0.00
Partial Demo (Struct, Sign, Wall) - Per Costs:	\$0.00	\$0.00
Swimming Pool - Per Gallon:	0	\$0.00
Painting - Per Costs:	\$0.00	\$0.00
Sandblasting - Per Costs:	\$0.00	\$0.00
Paving - Per Sq.Ft.:	0	\$0.00
Concrete Slab - No Paving - Per Sq.Ft.:	0	\$0.00
Trees - Per # of:	0	
Hedges - Per Linear Feet:	0	
Groundcover - Per Sq.Ft.:	0	
Landscaping Fee:		\$0.00
Other Fees:		\$0.00
Penalty Fee (If Applicable):		\$0.00

PAID
 APR 14 2008
 CITY OF MIAMI BEACH
 BUILDING DEPARTMENT



Activity Number: B0802336**Fire Safety Fees**

New Building or Addition - Per Sq.Ft.:	0	\$0.00
Storage/Industrial Bldg - E & F Occup - Per Sq.Ft.:	0	\$0.00
Greenhouse/Argiculture on Premises - Per Sq.Ft.:	0	\$0.00
Screen Enclsoure/Trail on Premises - Per Sq.Ft.:	0	\$0.00
SS Underground Tanks/App Shelter - Per #:	0	\$0.00
Construction not shown Above - Per Costs:	\$0.00	\$0.00
Alt/Repair Building/Structure - Per Costs:	\$0.00	\$0.00

Marine Structure Fee

Dock Area - Per Sq.Ft.:	0	\$0.00
Seawall - Per Linear Feet:	0	\$0.00
Boat Lifts, Davits, Hoist - Per # of:	0	\$0.00
Batter, Mooring, Dock Piles - Per # of:	0	\$0.00
Marine Structure Alt/Repair - Per Costs:	\$0.00	\$0.00

SFBC Compliance Surcharge

New Const/Add - Res/Mult-Fam/Comm - Per Sq.Ft.:	0	\$0.00
New Const/Add - Strg/Ind/Msc - Per Sq.Ft.:	0	\$0.00
Cost for Other Construction:		\$0.00

Training Fee

Training Fee:		\$20.00
Sanitation Fee:		\$60.00

Additional Fees

1st Reinspection:		\$0.00
Continued Reinspections - Per # of:	0	\$0.00
Building Joint Inspections - Per # of:	0	\$0.00
Change of Contractor Per # of:	0	\$0.00
Permit Extension - Per # of:	0	\$0.00

Residential Card:

Commercial Card:

Permit Card Replacements: \$0.00

Lost Plan Fee - SF: \$0.00

Lost Plan Fee - Other: \$0.00

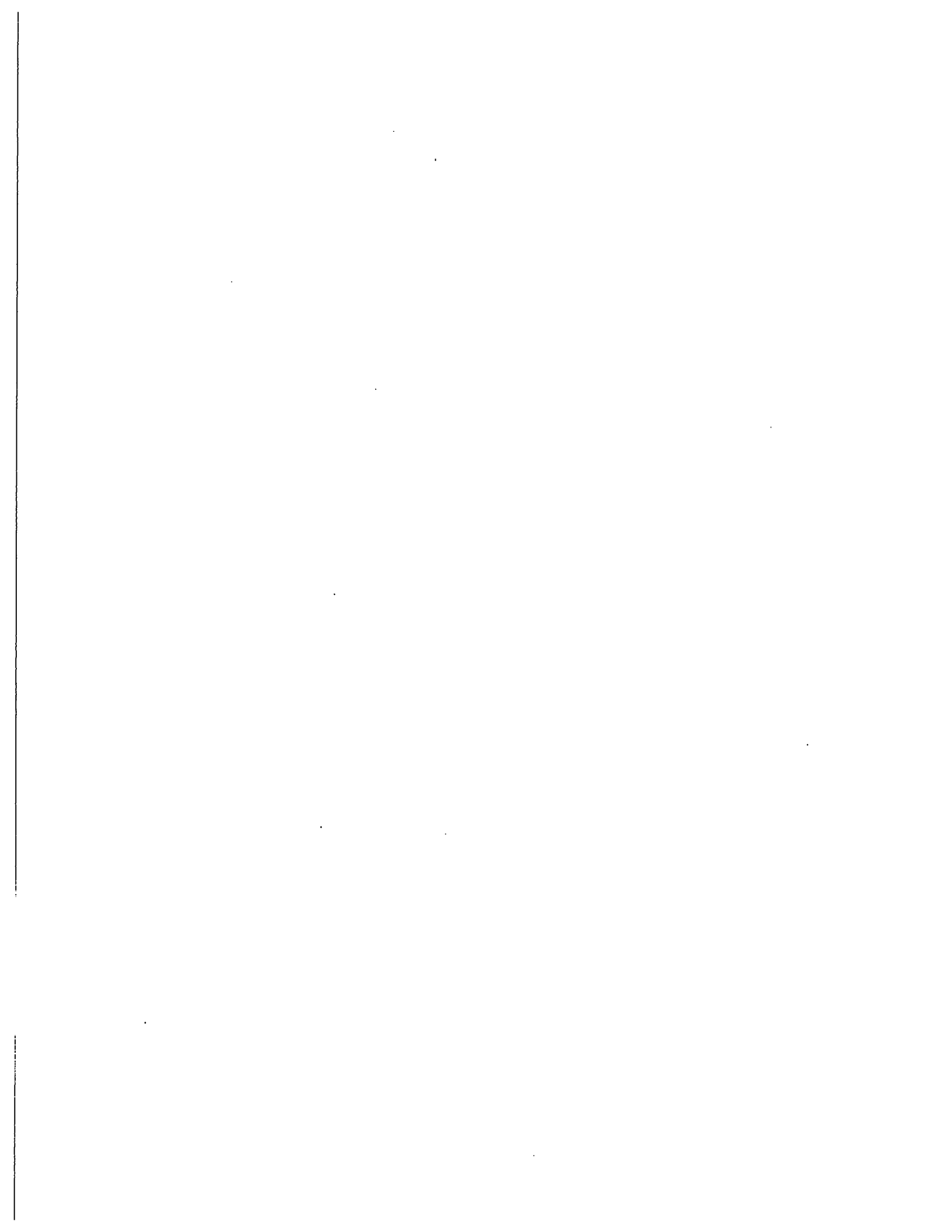
Overtime Inspection Fees: \$0.00

Total of All Fees: \$320.00

Total of Payments: \$320.00

Balance Due: \$0.00

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BUILDING DEPARTMENT
 1700 Convention Center Drive
 Miami Beach, FL 33139
 Office: 305-673-7610 Fax: 305-673-7857

** Contractor must sign & Notarize Application*

WORK PERMIT APPLICATION

FLORIDA BUILDING CODE IN EFFECT

DATE 3 / 14 / 08

PERMIT #

B0802336

If subsidiary or revision, provide the Master building permit number here B: 02011653

IS THIS PERMIT ASSOCIATED WITH A VIOLATION? If so; BV# _____

For DEMOLITION provide the year the structure was built _____ Historic District Yes No

Type of Property Single Family Commercial Multi-Family/Condo

TYPE OF IMPROVEMENT: Building Electrical Plumbing Mechanical REVISION

Describe SPA + KOI POOL PLUMBING

Job Value \$ 20,000.00 Square Feet 500 Linear Feet _____ Pool Gallage _____ No. of units _____

Job Address 5800 N. BAY RD. MIAMI BCH, 33487

PARCEL#

Parcel # 82450030270

Unit # _____

City MIAMI BEACH State FL Zip 33487 Phone 305-335-4131

Owner/Owner Builder _____ Drivers License No. _____

Address _____

City _____ State _____ Zip _____ Phone _____

Fee Simple Titleholder's Name (if other than owner) _____

Address _____

City _____ State _____ Zip _____ Phone _____

Contractor CABLES POOL License No. CPC057184

Address 4754 SW 74 AVE

City MIAMI State FL Zip 33155 Phone 305-220-3350

Cell# _____ Fax # _____

Architect AQUA DYNAMICS License No. SS339

Address 4910 SW 72 AVE.

City MIAMI State FLA. Zip 33155 Phone 305-667-8975

Engineer OPERA TABOADA, PE License No. SS339

Address 4910 SW 72 AVE.

City MIAMI State FLA. Zip 33155 Phone 305-667-8975

PLEASE COMPLETE SHADED AREAS

BUILDING WORK PERMIT APPLICATIONS ARE AVAILABLE ON THE MIAMI BEACH WEBSITE AT :WWW.MIAMIBEACHFL.GOV

Address _____

City _____ State _____ Zip _____ Phone _____

Mortgage Lender's Name _____

Address _____

City _____ State _____ Zip _____ Phone _____

This application is hereby made to obtain a permit to do the work and installations as indicated. I certify that all work will be performed to meet the standards of all laws and construction regulations in this jurisdiction. I understand that **SEPARATE PERMITS** are required for *Electrical, Mechanical, Plumbing, Signs, Swimming Pools, Spas, Windows, Sliding Glass Doors and Roofing.*

OWNER'S AFFIDAVIT: I certify that all the foregoing information is accurate and that all work will be done in compliance with all applicable laws regulating construction and Zoning.

NOTICE: In addition to the requirements of this permit, there may be additional restrictions applicable to this property that may be found in the public records of this county, and there may be additional permits required from other governmental entities such as water management districts, state agencies or federal agencies.

* If the contractor is going to be hired by the tenant, check here.

~~Signature of Owner or Agent~~

~~Signature of Tenant~~

Signature of Qualifier

~~Printed Name of Owner or Agent~~

~~Printed Name of Tenant~~

Printed Name of Qualifier

~~Date~~

~~Date~~

Date 3/17/08

~~Signature of Notary Public~~

~~Signature of Notary Public~~

Signature of Notary Public

~~Identification~~

~~Identification~~

Identification

~~Sworn to and subscribed before me this _____ day of _____ 20____~~
(Seal)

~~Sworn to and subscribed before me this _____ day of _____ 20____~~
(Seal)

Sworn to and subscribed before me this 19 day of March 20 08
(Seal)
MANOLIN JIMENEZ
Notary Public - State of Florida
My Commission Expires Oct 12, 2008
Commission # DD 362144
Bonded by National Notary Assn.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT. NOTICE OF COMMENCEMENT SHOULD BE FILED AT: 22 NW 1ST STREET, MIAMI, FL

STATE OF FLORIDA

COUNTY OF DADE

Print Owner's Name

Owner's Signature

Sworn to and subscribed before me this _____ day of _____

20____, by:

() Personally Known () Produced Identification - Type of Identification _____

Signature of Notary Public (Seal)

Application Approved By: _____

Permit Clerk