LASON
The Information Management Company

PERMIT #
B0001654

Di Lido Residence

16
WEST DI LIDO DRIVE
DI LIDO ISLAND
MIAMI BEACH, FLORIDA

IMPACT FEE NOT REQUIRED
EXIST. SQFT FLOOR 2,600
MAY 31 2000
MIAMI-DADE COUNTY
APPROVED

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

BUILDING:	SHA 4/20/00
ZONING:	[illegible]
PLUMBING:	[illegible] 5-2-00
ELECTRICAL:	[illegible]
MECHANICAL:	[illegible] 5/5/00
FIRE PREVENTION:	[illegible]
ENGINEERING:	[illegible]
PUBLIC WORKS:	[illegible]
STRUCTURAL:	
ACCESSIBILITY:	
[illegible]	

ARCHITECTURAL

SP-1	SITE PLAN
A1.1	FIRST FLOOR PLAN
A2.1	SECOND FLOOR PLAN
A2.2	ROOF PLAN
A3.1	FINISH SCHEDULES
A3.2	DOOR & WINDOW SCHEDULES
A3.3	CABINET & FURNITURE DETAILS
A4.1	[illegible] & WATERFRONT ELEVATIONS
A4.2	EAST & WEST ELEVATIONS
A4.3	[illegible] SECTIONS
A4.4	[illegible] SECTIONS & STAIR DETAILS
A5.1	[illegible]
A5.2	WALL [illegible]
A5.3	WALL [illegible]

D1.1	SITE DEMOLITION PLAN
D1.2	FIRST FLOOR DEMOLITION PLAN
D1.3	SECOND FLOOR DEMOLITION PLAN
D1.4	ELEVATION DEMOLITION
D1.5	ELEVATION DEMOLITION

STRUCTURAL

S-1	PARTIAL FOUNDATION PLAN
S-2	PARTIAL FOUNDATION PLAN
S-3	SECOND FLOOR/ ROOF FRAMING PLAN
S-4	ROOF FRAMING PLAN
S-5	SCHEDULES
S-6	WALL SECTIONS
S-7	WALL SECTIONS
S-8	WALL SECTIONS

MECHANICAL - H.V.A.C.

M-1	FIRST FLOOR PLAN
M-2	SECOND FLOOR PLAN
M-3	SCHEDULES & DETAILS

ELECTRICAL

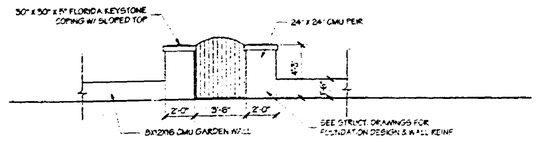
E-1	SITE PLAN
E-2	FIRST FLOOR PLAN POWER PLAN
E-3	SECOND FLOOR PLAN POWER PLAN
E-4	FIRST FLOOR PLAN LIGHTING PLAN
E-5	SECOND FLOOR PLAN LIGHTING PLAN
E-6	PANEL SCHEDULES

PLUMBING

P-1	SITE PLAN
P-2	FIRST FLOOR PLAN
P-3	SECOND FLOOR PLAN
P-4	ROOF PLAN
P-5	DETAILS

JORGE L. HERNANDEZ
Architect
FLORIDA REGISTRATION # [illegible]
7550 Red Road Suite 211 Miami, Florida 33143 (305) [illegible]-2181

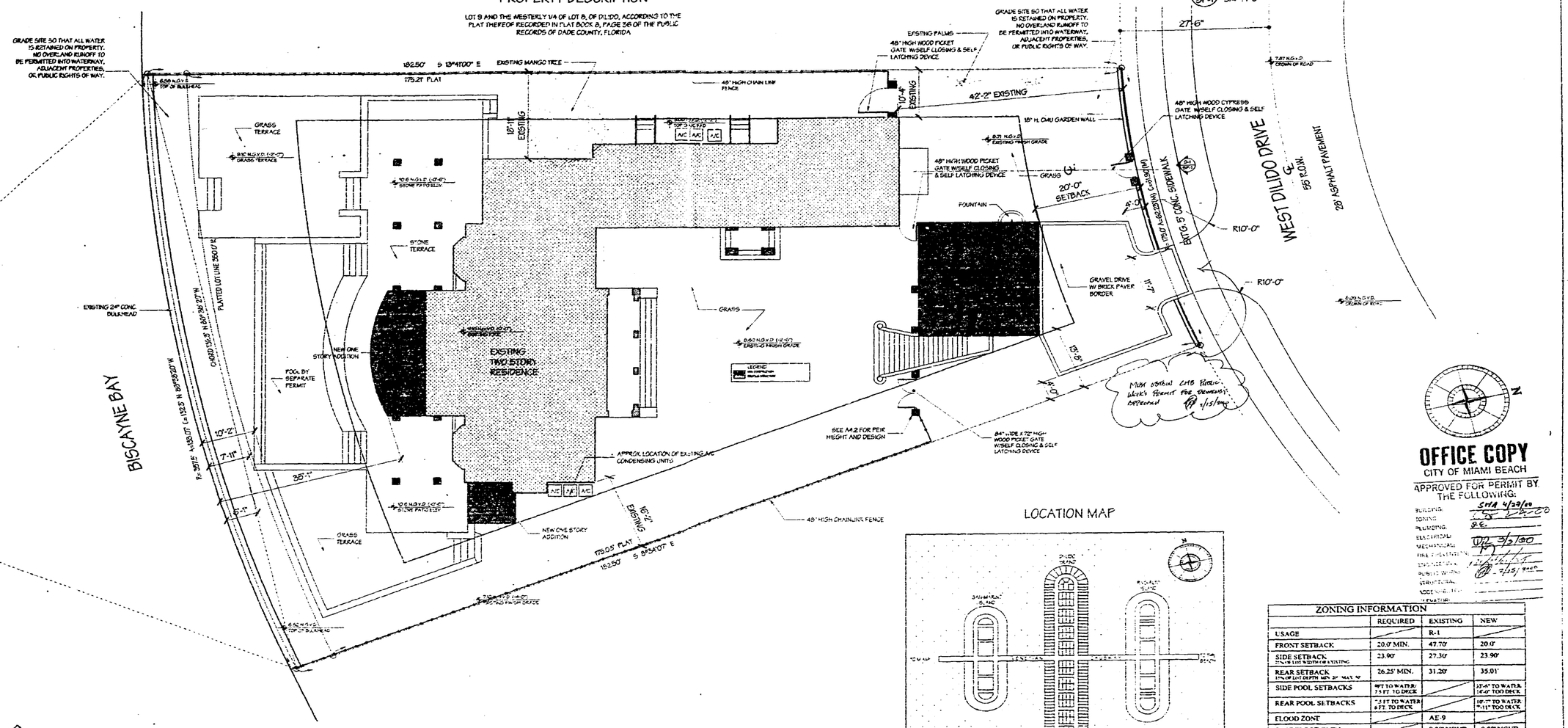
AREA CALCULATIONS			
	EXISTING	NEW	TOTAL
CONDITIONED SPACE	4466 S.F	1280 S.F	5764 S.F
NON-CONDITIONED SPACE	527 S.F	549 S.F	549 S.F
PORCHES & LOGGIAS	541 S.F	252 S.F	793 S.F



D-1 SP-1 GARDEN WALL ELEV. 3/4" : 1'-0"

PROPERTY DESCRIPTION

LOT 9 AND THE WESTERLY 1/4 OF LOT 8, OF DILIDO, ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK B, PAGE 26 OF THE PUBLIC RECORDS OF DADE COUNTY, FLORIDA



1 SP-1 SITE PLAN 1/8" : 1'-0"

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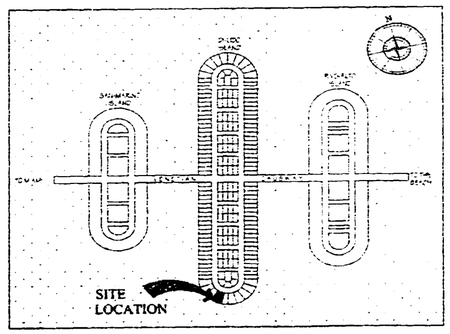
CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY THE FOLLOWING:
BUILDING:
ZONING:
PLUMBING:
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
ENGINEERING:
PUBLIC WORKS:
STRUCTURAL:
HOUSE NUMBER:
VENTILATION:

LOCATION MAP



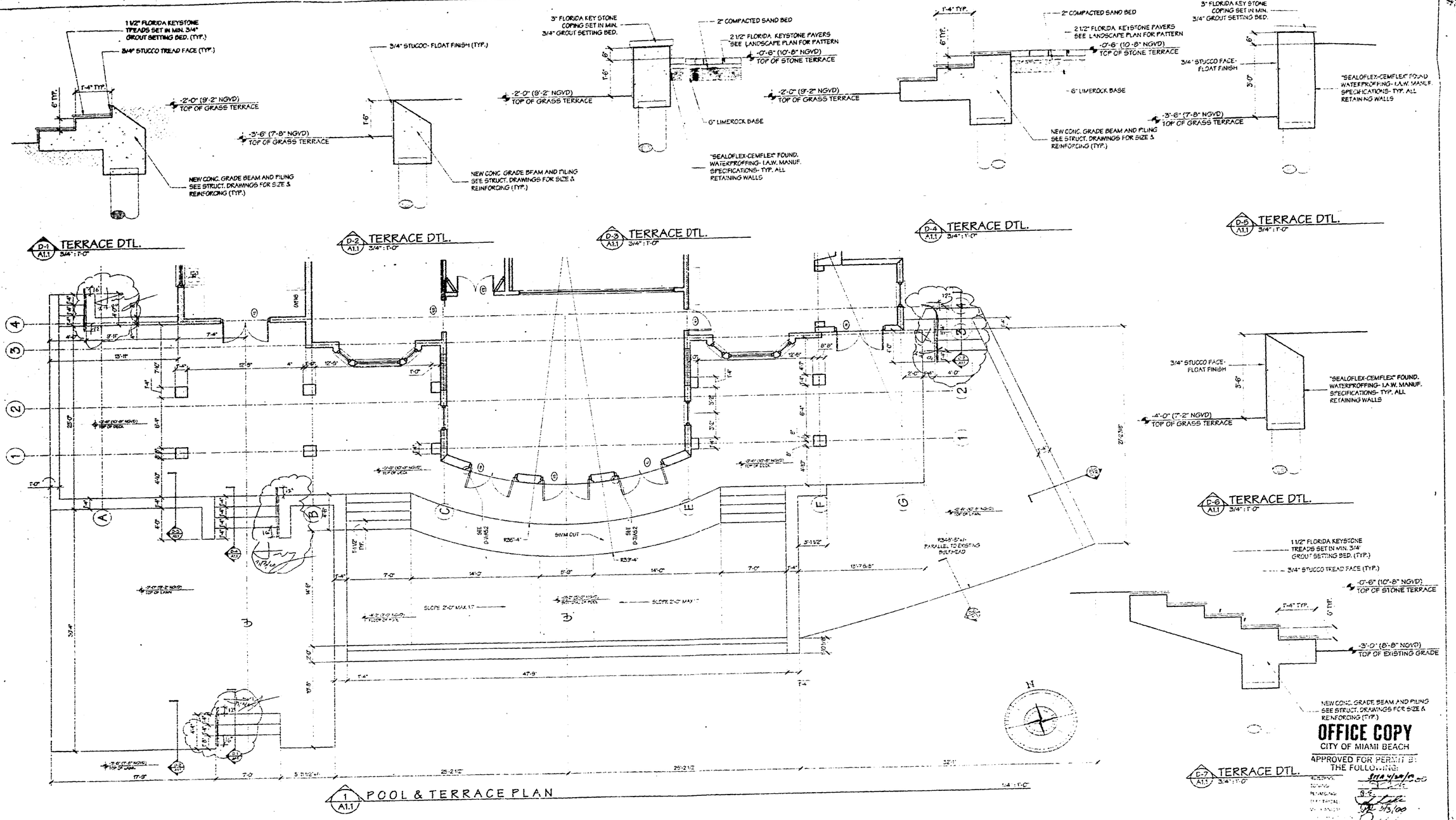
ZONING INFORMATION			
	REQUIRED	EXISTING	NEW
USAGE		R-1	
FRONT SETBACK	20.0' MIN.	47.70'	20.0'
SIDE SETBACK 20% OF LOT WIDTH OF EXISTING	23.90'	27.30'	23.90'
REAR SETBACK 35% OF LOT DEPTH MIN. 20' MAX. 50'	26.25' MIN.	31.20'	35.01'
SIDE POOL SETBACKS	90FT TO WATER/ 7.5 FT. TO DECK		37'-6" TO WATER 14'-0" TOO DECK
REAR POOL SETBACKS	7.5 FT TO WATER 6 FT. TO DECK		107'-7" TO WATER 9'-11" TOO DECK
FLOOD ZONE		AE-9	
BASE FLOOD ELEV.		9.00' NGVD	9.80' NGVD
MAX. BUILDING HEIGHT 50% OF LOT WIDTH NOT TO EXCEED 33'-0"	33'-0' MAX	24'-8"	24'-8"

PROJECT: DILIDO RESIDENCE
35 WEST DILIDO DR. MIAMI BEACH
NO.99-[illegible]

REVISIONS:

JORGE L. HERNANDEZ
Architect
FLORIDA REGISTRATION #7842
337 Palermo Avenue, Coral Gables, Florida 33134 (305) 774-0022

DRAWING: SITE PLAN
DATE: 04-03-00
SHEET: SP-1



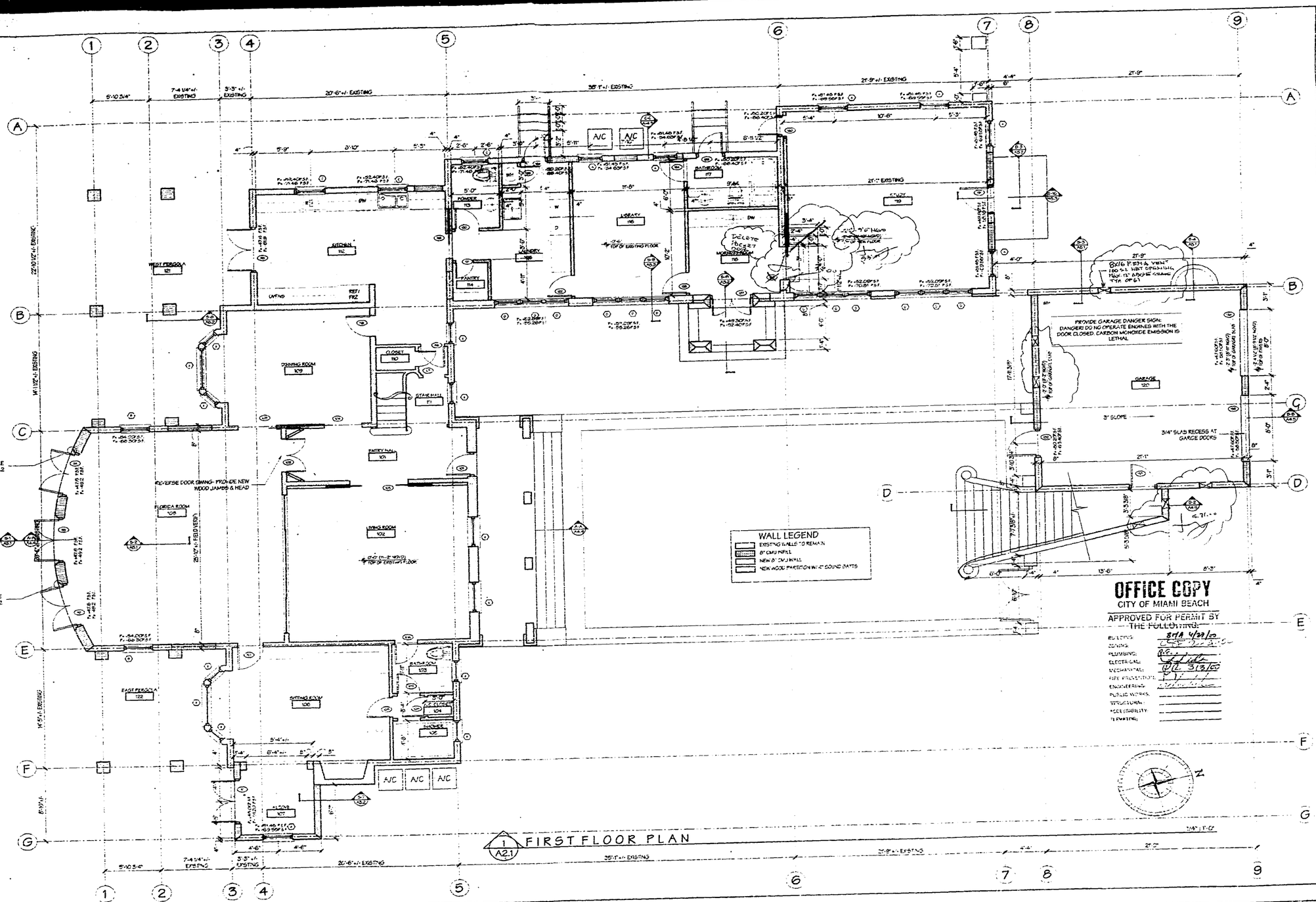
OFFICE COPY
CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY THE FOLLOWING:
ARCHITECTURAL
ZONING
REMARKS
STRUCTURAL
ACCESSIBILITY
ELEVATOR

PROJECT: GELIDO RESIDENCE
10 WEST GELIDO DR. MIAMI BEACH
HO-00-0402

REVISIONS:

JORGE L. HERNANDEZ
Architect
FLORIDA REGISTRATION # 15011
337 Palermo Avenue, Coral Gables, Florida 33134 (305) 774-0022

DRAWING: POOL & PATIO PLAN
DATE: 01-03-00
SHEET: A-1.1



1 A2.1 FIRST FLOOR PLAN

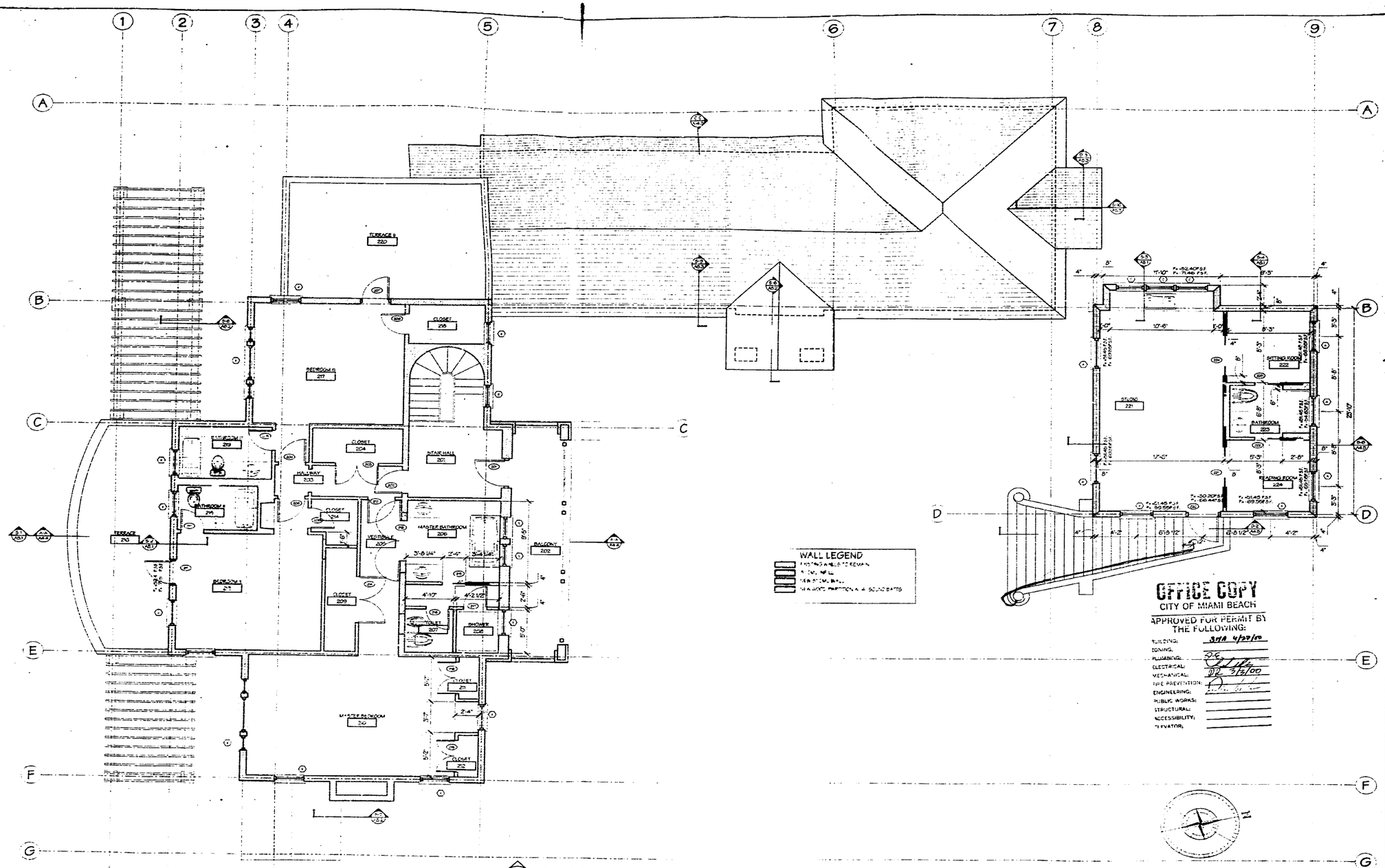
1/4" = 1'-0"

PROJECT: DELIDO RESIDENCE
14 WEST DELIDO DR. MIAMI BEACH
NO. 99-0402

REVISIONS:

JORGE L. HERNANDEZ
Architect
(FLORIDA REGISTRATION #7780)
337 Palermo Avenue, Coral Gables, Florida 33134 (305) 774-0022

DRAWING: FIRST FLOOR PLAN
DATE: 01-07-00
SHEET A-2.1



1 A2.2 SECOND FLOOR PLAN

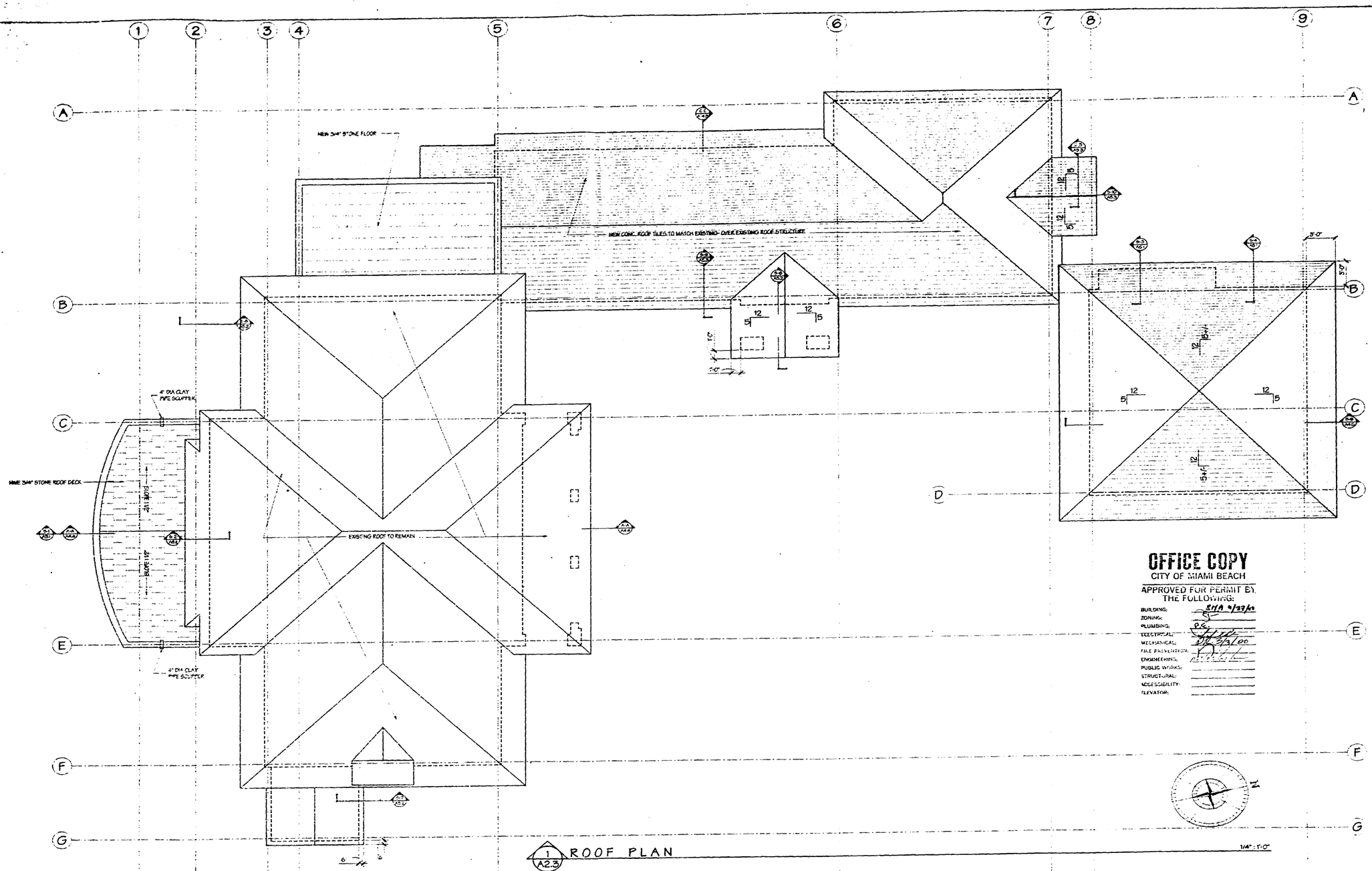
1/4" = 1'-0"

PROJECT: DELIDO RESIDENCE
16 WEST DELIDO DR. MIAMI BEACH
NO. 99-0002

REVISIONS:

JORGE L. HERNANDEZ
Architect
FLORIDA REGISTRATION # 9841
337 Palermo Avenue, Coral Gables, Florida 33134 (305) 774-0022

DRAWING: SECOND FLOOR PLAN
DATE: 01-03-00
SHEET: A-2.2



1 A2.3 ROOF PLAN

1/4" = 1'-0"

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

BUILDING:	SMA 4/27/01
ZONING:	
PLUMBING:	
ELECTRICAL:	
MECHANICAL:	5/3/00
FIRE PREVENTION:	
ENGINEERING:	
PUBLIC WORKS:	
STRUCTURAL:	
ACCESSIBILITY:	
ELEVATOR:	

PROJECT: DELIDO RESIDENCE
AS - SHEET DELIDO SFR
MIAMI BEACH
NO. 99-0181

REVISIONS:

JORGE L. HERNANDEZ
Architect
FLORIDA REGISTRATION # 9848
317 Palermo Avenue, Coral Gables, Florida 33134 (305) 774-0022

DRAWING: ROOF PLAN
DATE: 01-02-00
SHEET: A-2.3

FIRST FLOOR FINISH SCHEDULE

No.	TITLE	WALL	BASE	FLOOR	CEILING	WINDOW CASING	OTHER MOLDING	REMARKS
101	ENTRY HALL	9	10	WOOD	9	—	—	
102	LIVING ROOM	9	10	WOOD	9	—	—	
103	BATHROOM	V.PL	B-8	WOOD	V.PL	D-1/A3.4	C-8	
104	A/C CLOSET	V.PL	—	WOOD	V.PL	—	—	
105	SHOWER	C.T.	—	C.T.	MR.GP. DW 5/8"	C.T.	—	
106	SITTING ROOM	9	10	WOOD	9	—	—	
107	ALCOVE	WOOD	10	WOOD	GP.DW 5/8"	—	C-8	
108	FLORIDA ROOM	V.PL	B-12	WOOD	V.PL	D-1/A3.4	C-8	
109	DINING ROOM	9	10	WOOD	9	—	—	
110	CLOSET	9	10	WOOD	9	—	—	
111	STAIR HALL	9	10	WOOD	9	—	—	
112	KITCHEN	V.PL	B-8	WOOD	V.PL	D-1/A3.4	C-8	
113	POWDER	MR.GP. DW 5/8"	B-8	C.T.	MR.GP. DW 5/8"	D-1/A3.4	C-8	
114	PANTRY	GP.DW 5/8"	B-8	WOOD	GP.DW 5/8" +9'-0"	—	C-8	
115	LAUNDRY	GP.DW 5/8"	B-8	WOOD	GP.DW 5/8" +9'-0"	—	C-8	
116	LIBRARY	V.PL	B-8	WOOD	9	D-1/A3.4	—	
117	BATHROOM	MR.GP. DW 5/8"	B-8	C.T.	GP.DW 5/8" +9'-0"	—	C-8	
118	MORNING ROOM	V.PL	B-8	WOOD	9	—	—	
119	STUDY	V.PL	B-12	WOOD	9	D-1/A3.4	—	
120	GARAGE	3/4" STUCCO	—	CONC.	8	D-1/A3.4	C-8	
121	WEST PERGOLA	—	—	FL. KEY STONE	—	—	—	
122	EAST PERGOLA	—	—	FL. KEY STONE	—	—	—	

1. ALL WALLS RCIEVING TILE OR STONE FINISHES TO RECEIVE 1/2" "DUR-O-ROCK" WALLBOARD OR APPROVED WATER RESISTANT GYP. BOARD UNDERLAYMENT.

2. PROVIDE MOISTURE RESISTANT GYPSUM WALL BOARD AT ALL SURFACES TO RECIEVE VENEER PLASTER AND IN ALL HIGH MOISTER AREAS

3. ALL HARDWOOD FLOORS TO BE 3" STRIP HEART PINE OVER 3/4" PLYWOOD SUB FLOOR AND 30 LB. FELT MOISTURE BARRIER

4. ALL STONE OVER SAND TO BE MIN. 2" FLORIDA KEYSTONE, STONE OVER CONC. BALCONIES & TERRACES TO BE 3/4" TRAVERTINE HONED & FILLED.

5. CABINET MANUFACTURER TO PROVIDE DETAILED SHOPDRAWINGS PRIOR TO START OF WORK.

6. CEILING IN GARAGE TO BE MIN. ONE HOUR FIRE RATED CONSTRUCTION WITH METAL FURRING CHANNELS AT 24" C/C FASTENED TO CONC. DECK W/ 5/8" FIRECODE 'C' OR APPROVED EQUAL FASTENED WITH 1" TYPE S-12 SCREWS AT 12" C/C- JOINTS FINISH- UL DES L523.

7. ARCHITECT TO APPROVE ALL FINISH MATERIAL AND HARDWARE PRIOR TO PURCHASE, PROVIDE ARCHITECT W/ CUT SHEET & SAMPLE FOR APPROVAL.

8. PROVIDE 5/8" PLYWOOD BACKERS SKREWED TO STUDS BEHIND ALL BASE AND TOP CABINETS UNLESS OTHERWISE NOTED.

9. PATCH AND REPAIR ALL EXISTING WALLS AND CEILING WITH SIMILAR MATERIAL AND FINISH TO LIKE NEW CONDITION.

10. PROVIDE NEW BASE MOULD IN ALL EXISTING ROOMS TO RECIEVE NEW WOOD FLOORS- mATCH SIZE AND PROFILE TO EXISTING CONDITIONS.

11. STRIP OLD FINISH FROM EXISTING WOOD FLOOR. REPAIR WHERE NEEDED TO LIKE NEW CONDITION, & REFINISH.

SECOND FLOOR FINISH SCHEDULE

No.	TITLE	WALL	BASE	FLOOR	CEILING	WINDOW CASING	OTHER MOLDING	REMARKS
201	STAIR HALL	V.PL	B-12	WOOD	V.PL	D-1/A-5.1	C-12	
202	BALCONY	—	—	EXISTING	—	—	—	
203	HALLWAY	9	10	11	9	D-1/A3.4	C-8	
204	CLOSET	9	10	11	9	—	—	
205	VESTIBULE	V.PL	B-8	11	V.PL	—	C-8	
206	MASTER BATH	V.PL	B-8	STONE	V.PL	D-1/A3.4	C-8	
207	TOILET	V.PL	B-8	STONE	V.PL	—	—	
208	SHOWER	STONE	—	STONE	V.PL	—	—	
209	CLOSET	CEDAR	10	11	9	—	—	
210	MASTER BEDROOM	V.PL	B-8	11	V.PL	D-1/A3.4	C-8	
211	CLOSET	GP.DW 5/8"	B-8	11	GP.DW 5/8"	—	C-8	
212	CLOSET	GP.DW 5/8"	B-8	11	GP.DW 5/8"	—	C-8	
213	BEDROOM II	V.PL	B-8	11	V.PL	D-1/A3.4	C-8	
214	CLOSET	CEDAR	10	11	9	—	—	
215	BATHROOM II	C.T.	—	C.T.	9	C.T.	C-6	
216	TERRACE	—	—	STONE	—	—	—	
217	BEDROOM III	V.PL	B-8	11	V.PL	D-1/A3.4	C-8	
218	CLOSET	CEDAR	10	11	9	—	—	
219	BATHROOM III	C.T.	—	C.T.	9	C.T.	C-6	
220	TERRACE II	—	—	STONE	—	—	—	
221	STUDIO	V.PL	B-8	WOOD	V.PL	D-1/A3.4	C-8	
222	SITTING ROOM	V.PL	B-8	WOOD	V.PL	D-1/A3.4	C-8	
223	BATHROOM	C.T.	—	C.T.	MR.GP. DW 5/8"	C.T.	C-6	
224	READING ROOM	V.PL	B-8	WOOD	V.PL	D-1/A3.4	C-8	

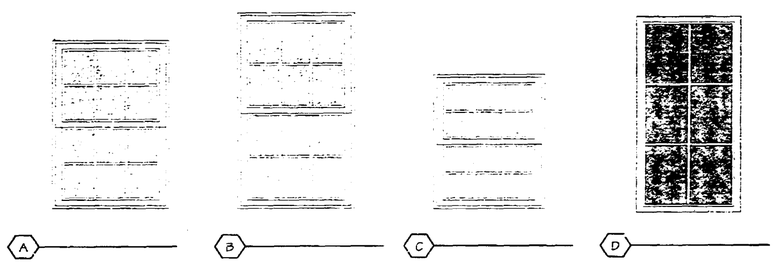
V.PL - VENIER PLASTER
GP. DW. - GYPSUM WALL BOARD
MR. GYP. DW. - MOISTURE RESISTANT GYPSUM WALL BOARD

WINDOW SCHEDULE

No.	SIZE	GLASS	J	S	FINISH	REMARKS
A	3'-1" X 5'-1" WDH3226 SINGLE HUNG	IMPACT RESISTANT	D-6/A3.3	D-11/A3.3	WHITE	MARVIN OR APPROVED EQ.
B	2'-9" X 4'-1" WDH2820 SINGLE HUNG	IMPACT RESISTANT	D-6/A3.3	D-11/A3.3	WHITE	MARVIN OR APPROVED EQ.
C	3'-1" X 5'-9" WDJ3230 SINGLE HUNG	IMPACT RESISTANT	D-6/A3.3	D-11/A3.3	WHITE	MARVIN OR APPROVED EQ.
D	2'-4" X 5'-4" WCM2864 CASEMENT	IMPACT RESISTANT	D-6/A3.3	D-11/A3.3	WHITE	MARVIN OR APPROVED EQ.

1. ALL WINDOWS TO MEET DADE COUNTY PRODUCT APPROVAL FOR CYCLIC WIND LOADING, & AIR AND WATER INFILTRATION. SEE ATTACHED PRODUCT APPROVAL FORMS.

2. FIELD VERIFY ALL EXISTING CONDITIONS. NOTIFY ARCHITECT OF ANY INCONSISTANCY BETWEEN SCHEDULES AND ACTUAL BUILT CONDITIONS



WINDOW ELEVATIONS

SCALE 3/4" : 1'-0"

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CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY THE FOLLOWING:
BUILDING: SHR 4/27/00
ZONING:
PLUMBING: RE
ELECTRICAL:
MECHANICAL: 5/2/00
FIRE PROTECTION:
ENGINEERING:
PUBLIC WORKS:
STRUCTURAL:
ACCESSIBILITY:
ELEVATOR:

PROJECT: DELIDO RESIDENCE
16 TERY DELIDO DR. MIAMI BEACH, FL
MQ-99-0002

REVISIONS:

JORGE L. HERNANDEZ
Architect
FLORIDA REGISTRATION # 7848
337 Palermo Avenue, Coral Gables, Florida 33134 (305) 774-0022

DRAWING: WINDOW & FINISH SCDL.
DATE: 01-03-00
SHEET: A-3.1

FIRST FLOOR DOOR SCHEDULE

No.	TYPE	SIZE	HEAD	THRESHOLD	JAMB	CASING	ELEV	FINISH	REMARKS
101	EXISTING	—	—	—	—	—	—	(3)	
102	EXISTING	—	—	—	—	—	—	(3)	
103	EXISTING	—	—	—	—	—	—	(3)	
104	EXISTING	—	—	—	—	—	—	(3)	
105	4 PNL S.S. POCKET	3-28" X 96" X 1 3/8"	—	—	D-10/ A3.3	D-2/ A-3.4	6	PAINT	(4)
106	S.C.WOOD 4 PNL	28" X 84" X 1 3/8"	—	—	D-5/ A3.3	D-2/ A3.3	9	PAINT	(4)
107	S.C.WOOD 4 PNL	28" X 84" X 1 3/8"	—	—	D-5/ A3.3	D-2/ A3.3	9	PAINT	
108	S.C.WOOD 4 PNL	28" X 84" X 1 3/8"	—	—	D-5/ A3.3	D-2/ A3.3	9	PAINT	
109	S.C.WOOD 4 PNL	28" X 84" X 1 3/8"	—	—	D-5/ A3.3	D-2/ A3.3	9	PAINT	(4)
110	S.C.WOOD 4 PNL	28" X 84" X 1 3/8"	—	—	D-5/ A3.3	D-2/ A3.3	7	PAINT	(4)
111	3 LITE FRENCH	68" X 80" X 1 3/8"	D-2/ A3.3	D-12/ A3.3	D-2/ A3.3	D-3/ A3.4	2	WHITE	(1)
112	3 LITE FRENCH	68" X 80" X 1 3/8"	D-2/ A3.3	D-12/ A3.3	D-2/ A3.3	D-3/ A3.4	2	WHITE	(1)
113	3 LITE FRENCH	68" X 80" X 1 3/8"	D-2/ A3.3	D-12/ A3.3	D-2/ A3.3	D-3/ A3.4	2	WHITE	(1)
114	3 LITE FRENCH	68" X 80" X 1 3/8"	D-3/ A3.3	D-12/ A3.3	D-2/ A3.3	D-3/ A3.4	2	WHITE	(1)
115	3 LITE FRENCH	68" X 80" X 1 3/8"	D-3/ A3.3	D-12/ A3.3	D-2/ A3.3	D-3/ A3.4	2	WHITE	(1)
116	EXISTING	—	—	—	—	—	—	(3)	
117	EXISTING	—	—	—	—	—	—	(3)	
118	EXISTING	—	—	—	—	—	—	(3)	
119	S.C.WOOD 4 PNL POCKET	28" X 84" X 1 3/8"	—	—	D-10/ A3.3	D-2/ A3.3	7	PAINT	(4)
120	S.C.WOOD 4 PNL	28" X 84" X 1 3/8"	—	—	D-5/ A3.3	D-2/ A3.3	8	PAINT	
121	S.C.WOOD 2 PNL	28" X 84" X 1 3/8"	—	—	D-5/ A3.3	D-2/ A3.3	10	PAINT	
122	S.C.WOOD 4 PNL	28" X 84" X 1 3/8"	—	—	D-5/ A3.3	D-2/ A3.3	7	PAINT	
123	S.C.WOOD 2 PNL	28" X 84" X 1 3/8"	—	—	D-5/ A3.3	D-2/ A3.3	10	PAINT	
123	S.C.WOOD 4 PNL	28" X 84" X 1 3/8"	—	—	D-5/ A3.3	D-2/ A3.3	8	PAINT	
124	S.C.WOOD 4 PNL	28" X 84" X 1 3/8"	—	—	D-5/ A3.3	D-2/ A3.3	8	PAINT	
125	S.C.WOOD 4 PNL	28" X 84" X 1 3/8"	—	—	D-5/ A3.3	D-2/ A3.3	7	PAINT	
126	S.C.WOOD 9 PNL POCKET	48" X 84" X 1 3/8"	—	—	D-10/ A3.3	D-2/ A3.3	10 SIM.	PAINT	
127	3 LITE FRENCH	48" X 84" X 1 3/8"	D-3/ A3.3	D-12/ A3.3	D-2/ A3.3	D-3/ A3.4	4	WHITE	(1)
128	S.C.WOOD 4 PNL	28" X 84" X 1 3/8"	D-3/ A3.3	—	D-3/ A3.3	D-2/ A3.4	7	PAINT	
129	S.C.WOOD 4 PNL	28" X 84" X 1 3/8"	D-3/ A3.3	—	D-3/ A3.3	D-2/ A3.4	7	PAINT	(1)
130	S.C.WOOD 4 PNL	28" X 84" X 1 3/8"	D-3/ A3.3	—	D-3/ A3.3	D-2/ A3.4	7	PAINT	(1)
131	3 LITE FRENCH	28" X 82" X 1 3/8"	D-2/ A3.3	D-12/ A3.3	D-2/ A3.3	D-3/ A3.4	5	WHITE	(1)
132	S.C.WOOD 4 PNL	28" X 84" X 1 3/8"	—	—	D-3/ A3.3	—	7	PAINT	
133	S.C.WOOD 4 PNL	28" X 84" X 1 3/8"	—	—	D-3/ A3.3	—	7	PAINT	
134	CH GARGE	28" X 96" X 1 3/8"	—	—	—	—	—	—	(2)
135	CH GARGE	28" X 96" X 1 3/8"	—	—	—	—	—	—	(2)

SECOND FLOOR DOOR SCHEDULE

No.	TYPE	SIZE	HEAD	THRESHOLD	JAMB	CASING	ELEV	FINISH	REMARKS
201	EXISTING	—	—	—	—	—	—	(2)	
202	S.C.WOOD 4 PNL	28" X 84" X 1 3/8"	—	—	D-2/ A3.3	D-2/ A3.3	7	PAINT	
203	EXISTING	—	—	—	—	—	—	(3)	
204	EXISTING	—	—	—	—	—	—	(3)	
205	EXISTING	—	—	—	—	—	—	(3)	
206	EXISTING	—	—	—	—	—	—	(3)	
207	EXISTING	—	—	—	—	—	—	(3)	
208	EXISTING	—	—	—	—	—	—	(3)	
209	EXISTING	—	—	—	—	—	—	(3)	
210	EXISTING	—	—	—	—	—	—	(3)	
211	2 LITE FRENCH	28" X 84" X 1 3/4"	D-2/ A3.3	D-12/ A3.3	D-2/ A3.3	D-3/ A3.4	3	WHITE	(1) (4)
212		—	—	—	—	—	—	(3)	
213	EXISTING	2-28" X 84" X 1 3/8"	—	—	D-2/ A3.3	—	—	PAINT	(5) (4)
214	EXISTING	2-28" X 84" X 1 3/8"	—	—	—	—	—	—	(4)
215	4 PNL S.C. POCKET	28" X 84" X 1 3/8"	—	—	D-10/ A3.3	D-2/ A-3.4	9	PAINT	
216	S.C.WOOD 4 PNL	28" X 84" X 1 3/8"	—	—	D-5/ A3.3	D-2/ A3.3	9	PAINT	
217	SHOWER	28" X 80" X –	—	—	—	—	—		1/4" TEMP GLASS W/ FRAMELESS HINGES
218	S.C.WOOD 2 PNL	2- 24" X 84" X 1 3/8"	—	—	D-5/ A3.3	D-2/ A3.3	10	PAINT	
219									

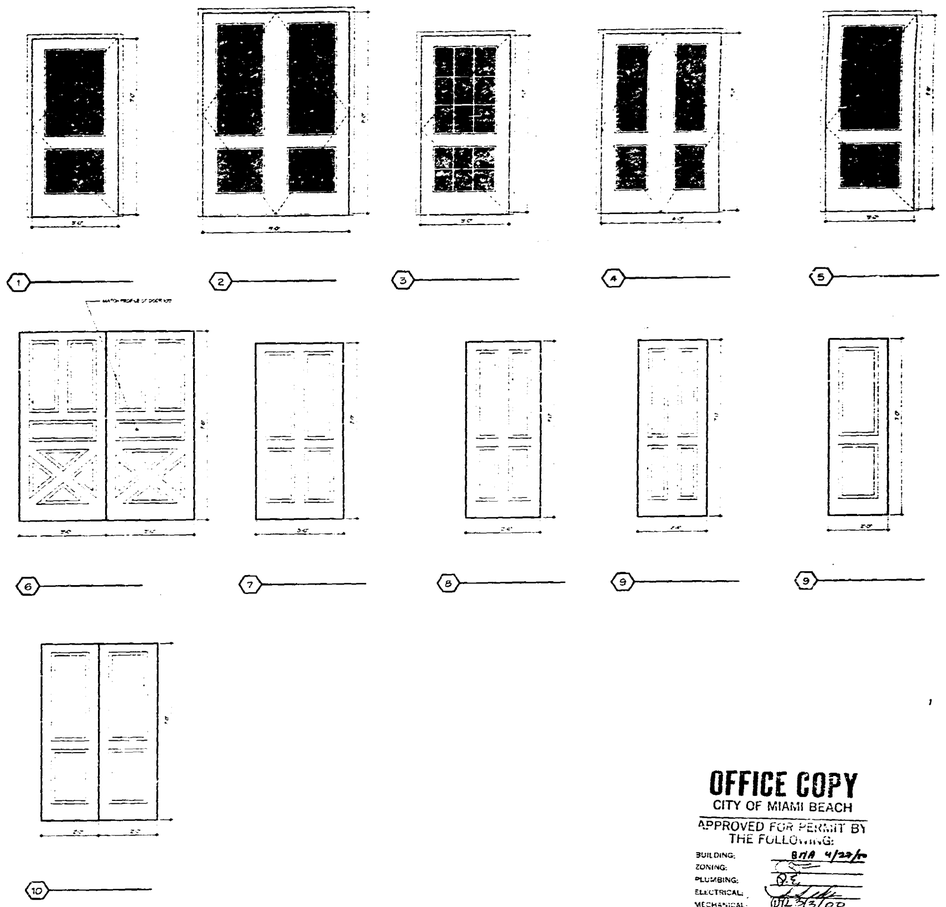
(1) EXTERIOR FRENCH DOORS BY ULTIMATE DOORS OR APPROVED EQUAL. ALL EXTERIOR DOORS TO MEET DADE COUNTY PRODUCT APPROVAL FOR IMPACT, CYCLIC WIND PRESSURE, & AIR & WATER INFILTRATION. SEE ATTACHED PRODUCT APPROVAL FORMS.

(2) 16 PANEL COLONIAL DECADE II BY RAYNOR GARGAGE DOORS OR APPROVED EQUAL. ALL EXTERIOR DOORS TO MEET DADE COUNTY PRODUCT APPROVAL FOR IMPACT, CYCLIC WIND PRESSURE, & AIR & WATER INFILTRATION. SEE ATTACHED PRODUCT APPROVAL FORMS.

(3) STRIP AND REFINISH DOORS TO LIKE NEW CONDITION. REPAIR JAMBS, SILLS, & HEADERS TO LIKE NEW CONDITION, & REPLACE MATERIAL WITH NEW AS REQUIRED TO CREATE A COMPLETE SYSTEM.

(4) FIELD VERIFY EXISTING OPENING

(5) RELOCATED EXISTING LOUVERED DOORS FROM PREVIOUS LOCATION- SEE D1.3 FOR ORIGINAL DOOR LOCATIONS



OFFICE COPY
CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY THE FOLLOWING:
BUILDING: BHA 4/22/10
ZONING:
PLUMBING:
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
ENGINEERING:
PUBLIC WORKS:
STRUCTURAL:
ACCESSIBILITY:
ELEVATOR:

DOOR & TRANSOM ELEVATIONS

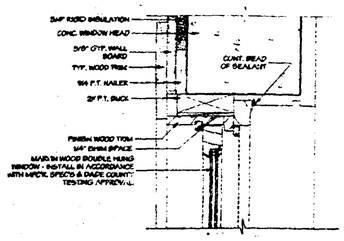
SCALE 1/2" : 1'-0"

PROJECT: DILIDO RESIDENCE
56 WEST DILIDO DR. MIAMI BEACH, FL.
NO. 09-069

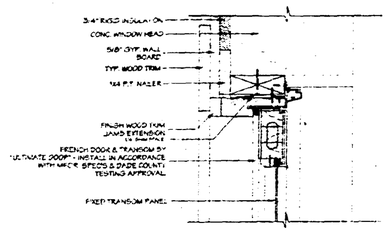
REVISIONS:

JORGE L. HERNANDEZ
Architect
(FLORIDA REGISTRATION # 9190)
337 Palermo Avenue, Coral Gables, Florida 33134 (305) 774-9022

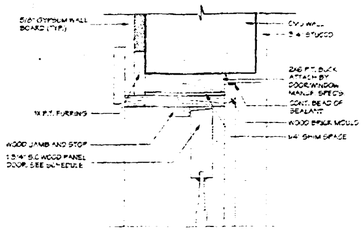
DRAWING: DOOR SCHEDULE
DATE: 01-05-09
SHEET: A-3.2



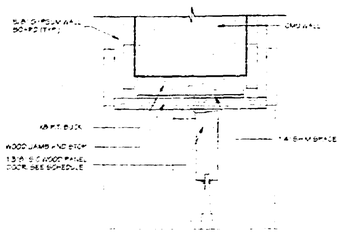
D-1 A3.3 WINDOW HEAD DETAIL
3" : 1'-0"



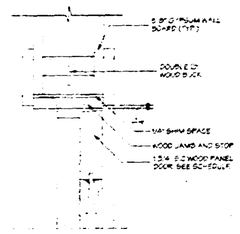
D-2 A3.3 EXTR DOOR HEAD DTL
3" : 1'-0"



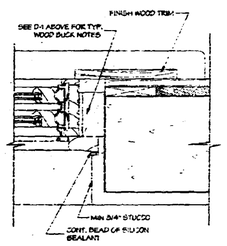
D-3 A3.3 EXTR. DOOR JAMB DTL
3" : 1'-0"



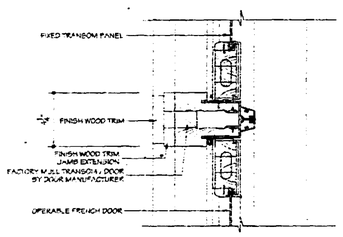
D-4 A3.3 EXTR DOOR JAMB DTL
3" : 1'-0"



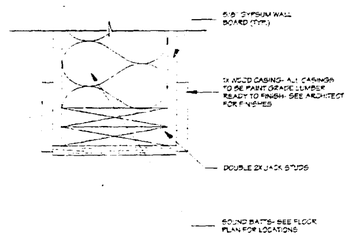
D-5 A3.3 INTR. DOOR JAMB DTL
3" : 1'-0"



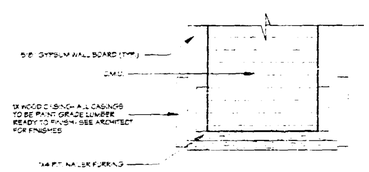
D-6 A3.3 WINDOW JAMB DTL
3" : 1'-0"



D-7 A3.3 DOOR MULL DTL
3" : 1'-0"

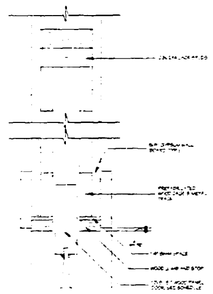


D-8 A3.3 CSAED OPENING DTL
3" : 1'-0"

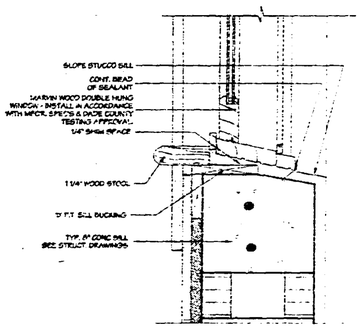


D-9 A3.3 CASED OPENING DTL
3" : 1'-0"

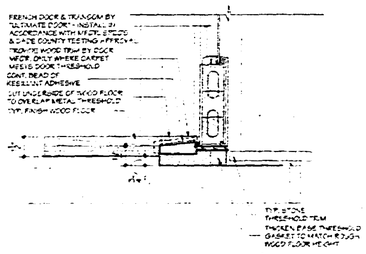
OFFICE COPY
CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY THE FOLLOWING:
BUILDING: 4/23/10
ZONING:
PLUMBING:
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
ENGINEERING:
PUBLIC WORKS:
STRUCTURAL:
ACCESSIBILITY:
ELEVATOR:



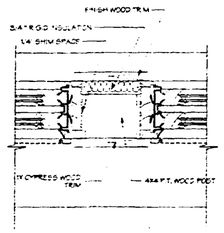
D-10 A3.3 POCKET DOOR DTL
3" : 1'-0"



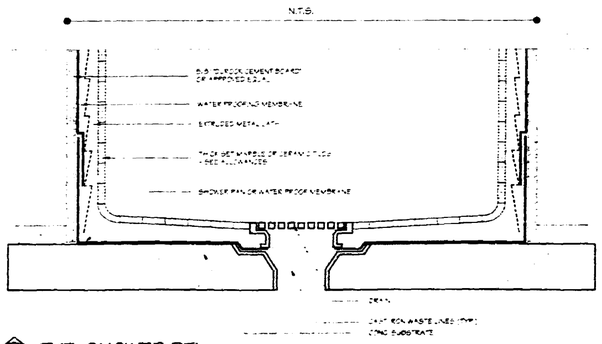
D-11 A3.3 WINDOW SILL DTL
3" : 1'-0"



D-12 A3.3 DOOR THRESHOLD DTL
3" : 1'-0"



D-13 A3.3 WINDOW MULL DTL
3" : 1'-0"



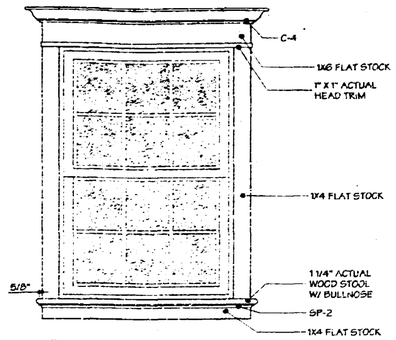
D-14 A3.3 TYP. SHOWER DTL.
3" : 1'-0"

PROJECT: [illegible] RESIDENCE
[illegible]

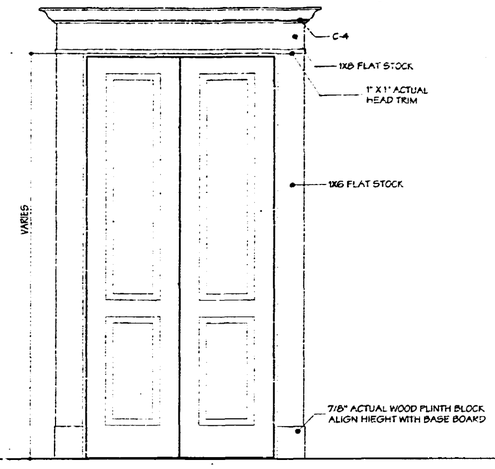
REVISIONS:

JORGE L. HERNANDEZ
Architect
FLORIDA REGISTRATION #[illegible]
337 Palermo Avenue, Coral Gables, Florida 33134 (305) 774-0022

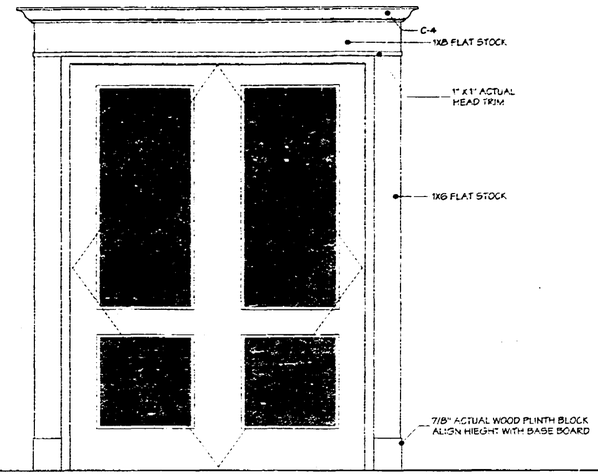
DRAWING: DOOR & WINDOW DETAILS
DATE: 01-05-07
SHEET: A-3.3



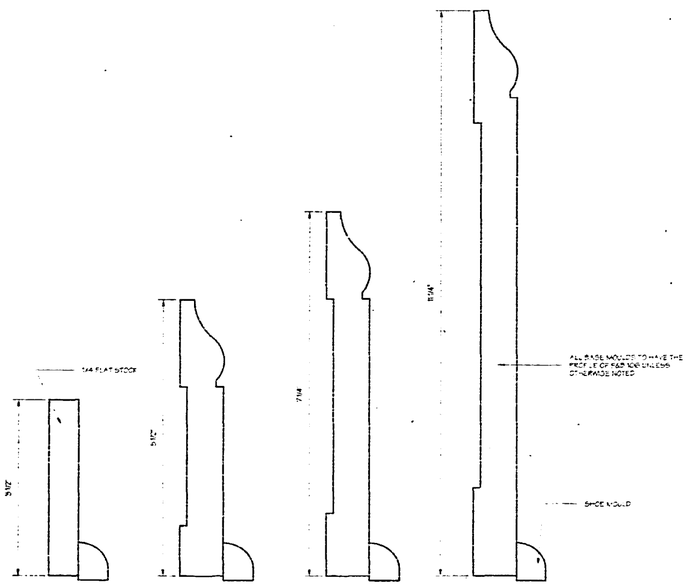
D-1 A3.4 TYP. WINDOW CASING
1" : 1'-0"



D-2 A3.4 TYP. INTR. DOOR CASING
1" : 1'-0"

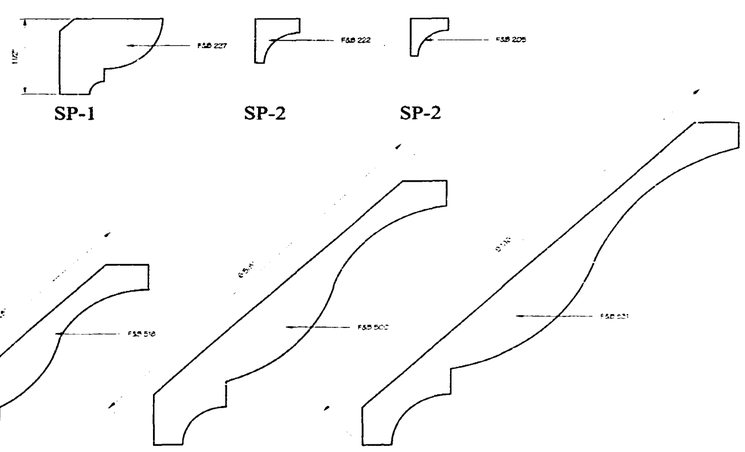


D-3 A3.4 TYP. EXTR. DOOR CASING
1" : 1'-0"



TYPICAL BASEBOARDS FULL

* ALL MOULDINGS ARE DRAWN WITH PROFILES FROM THE "FROHBOSE & BEERS" CATALOG. CONTRACTOR MAY BID ALTERNATE AND MUST SUBMIT SAMPLES FOR APPROVAL



TYPICAL CROWN MOULDINGS FULL

* ALL MOULDINGS ARE DRAWN WITH PROFILES FROM THE "FROHBOSE & BEERS" CATALOG. CONTRACTOR MAY BID ALTERNATE AND MUST SUBMIT SAMPLES FOR APPROVAL

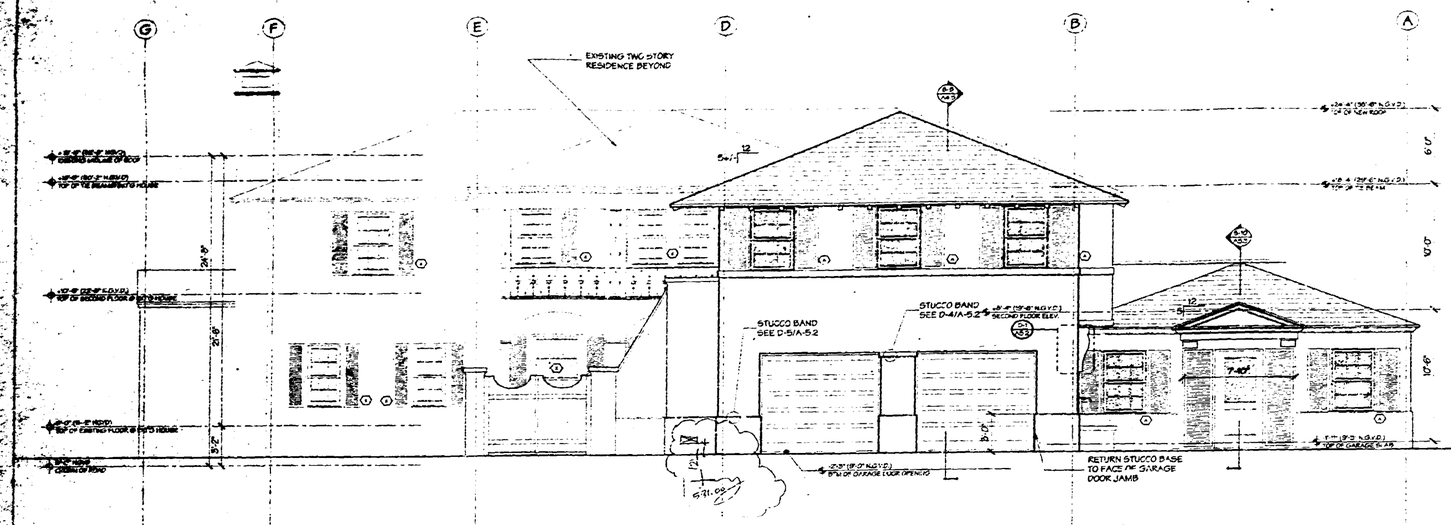
OFFICE COPY
CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY THE FOLLOWING:
BUILDING: SEA 4/29/00
ZONING:
PLUMBING:
ELECTRICAL:
MECHANICAL: 5/3/00
FIRE PREVENTION:
ENGINEERING:
PUBLIC WORKS:
STRUCTURAL:
ACCESSIBILITY:
HISTORIC:

PROJECT: DELIGO RESIDENCE
16 WEST DELIGO DR. MIAMI BEACH, FL.
NO. 99-0402

REVISIONS:

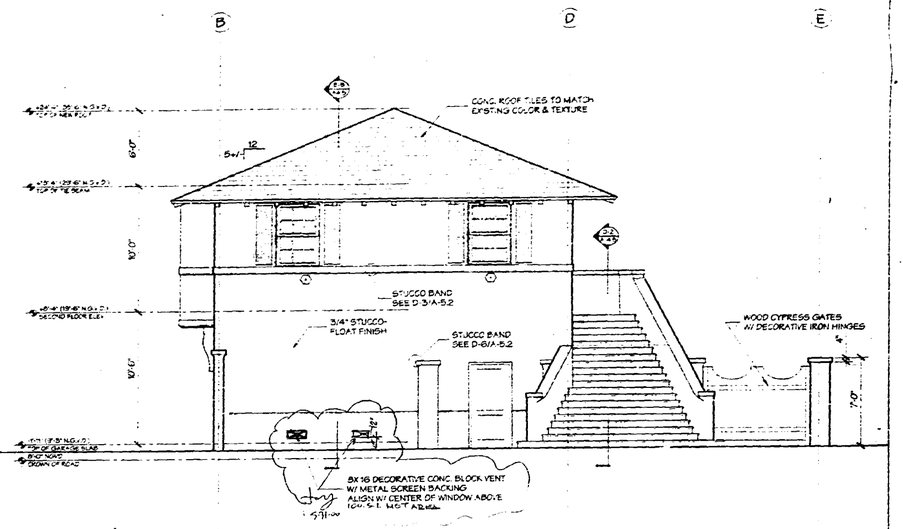
JORGE L. HERNANDEZ
Architect
FLORIDA REGISTRATION #7880
337 Palermo Avenue, Coral Gables, Florida 33134 (305) 774-0022

DRAWING: WOOD MOULDINGS
DATE: 01-03-00
SHEET: A-3.4



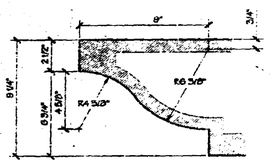
1 A4.1 DILIDO DRIVE ELEVATION

1/4" : 1'-0"



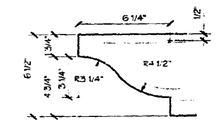
2 A4.1 COURTYARD ELEVATION

1/4" : 1'-0"



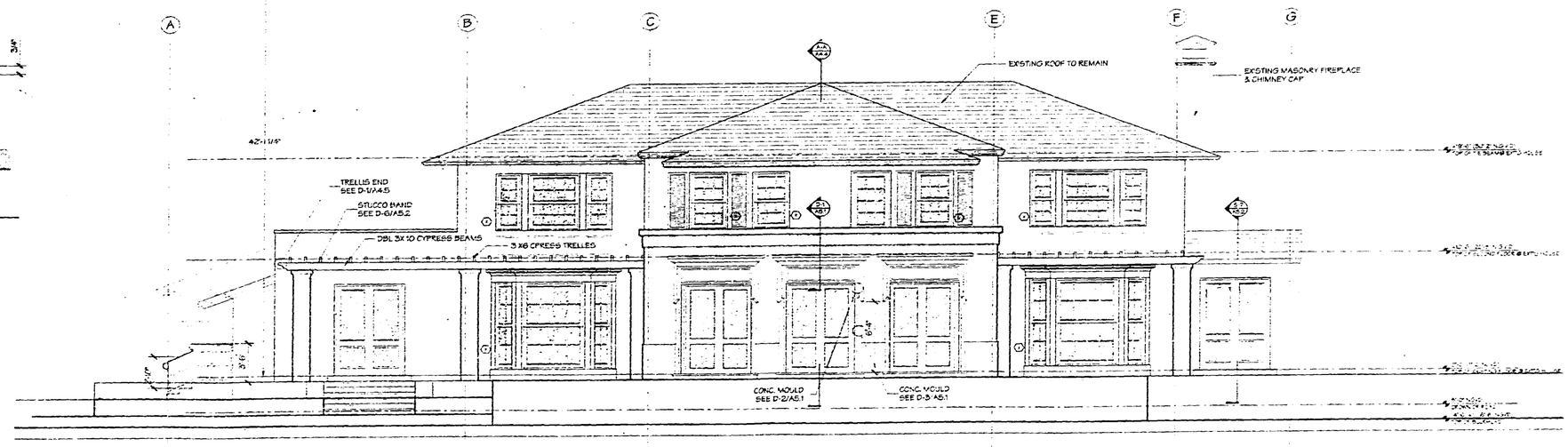
D-1 A4.1 TRELLIS DETAIL

3" : 1'-0"



D-2 A4.1 TRELLIS DETAIL

3" : 1'-0"



3 A4.1 BISCAYNE BAY ELEVATION

1/4" : 1'-0"

EXISTING CONCRETE BULKHEAD

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

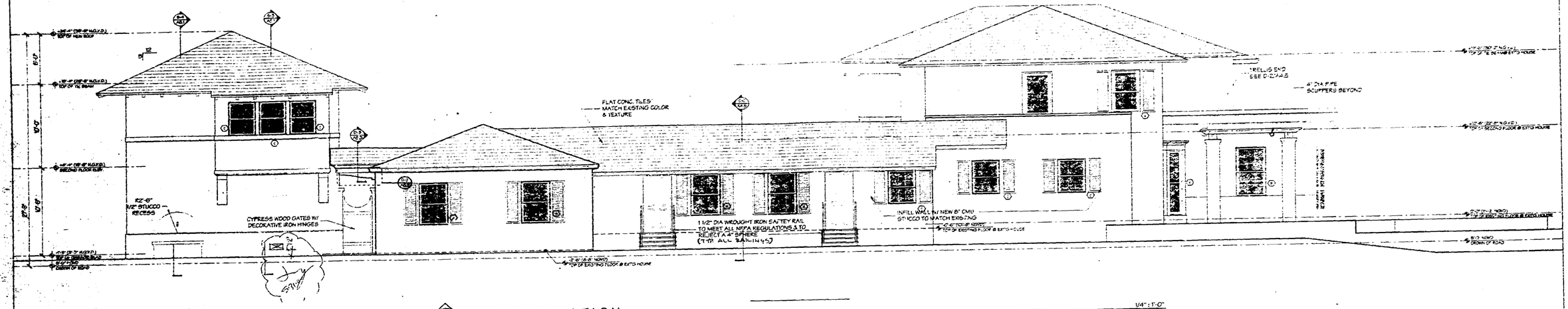
BUILDING:	SH A 4/22/00
ZONING:	
PLUMBING:	
ELECTRICAL:	
MECHANICAL:	5/8/00
FIRE PREVENTION:	
ENGINEERING:	
PUBLIC WORKS:	
HISTORICAL:	
ACCESSIBILITY:	
PARKING:	

PROJECT: DILIDO RESIDENCE
16 WEST DILIDO DR. MIAMI BEACH, FL.
NO.99-0492

REVISIONS:

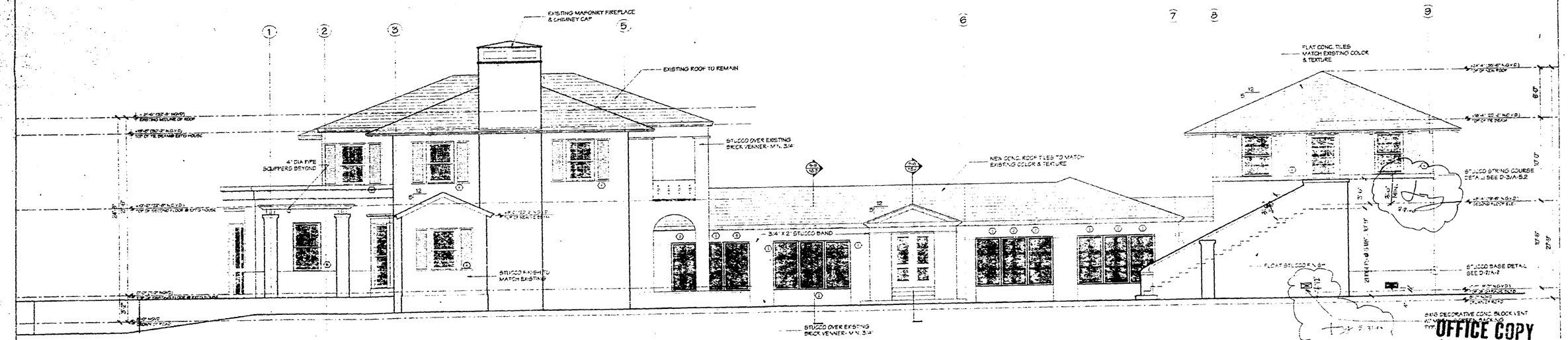
JORGE L. HERNANDEZ
Architect
FLORIDA REGISTRATION #7591
337 Palermo Avenue, Coral Gables, Florida 33134 (305) 774-0822

DRAWING: ELEVATIONS
DATE: 01-03-00
SHEET: A-4.1



1 A4.2 WEST ELEVATION

1/4" : 1'-0"



2 A4.2 EAST ELEVATION

1/4" : 1'-0"

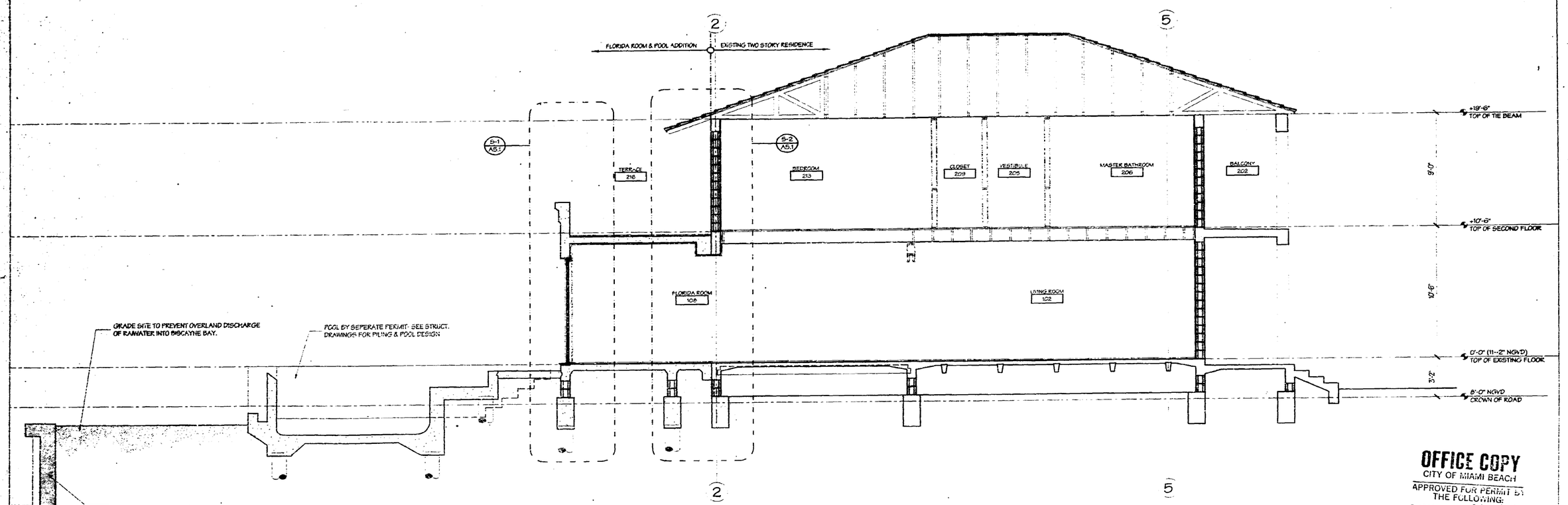
OFFICE COPY
CITY OF MIAMI BEACH
APPROVED FOR PERMIT AS THE FOLLOWING:
BUILDING:
ZONING:
PLUMBING:
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
PUBLIC WORKS:
STRUCTURAL:
ACCESSIBILITY:
ELEVATOR:

PROJECT: DELGADO RESIDENCE
IN WEST DELGADO RD. MIAMI BEACH, FL. 33140-0000

REVISIONS:

JORGE L. HERNANDEZ
Architect
FLORIDA REGISTRATION #
337 Palermo Avenue, Coral Gables, Florida 33134 (305) 774-0022

DRAWING: ELEVATIONS
DATE: 01-10-00
SHEET: A-4.2



OFFICE COPY
CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY THE FOLLOWING:
BUILDING: SHA 4/20/00
ZONING:
PLUMBING:
ELECTRICAL:
MECHANICAL: 4/13/00
FIRE PREVENTION:
ENGINEERING:
PUBLIC WORKS:
STRUCTURAL:
ACCESSIBILITY:
OTHER:

A-A / A4.3 BUILDING SECTION

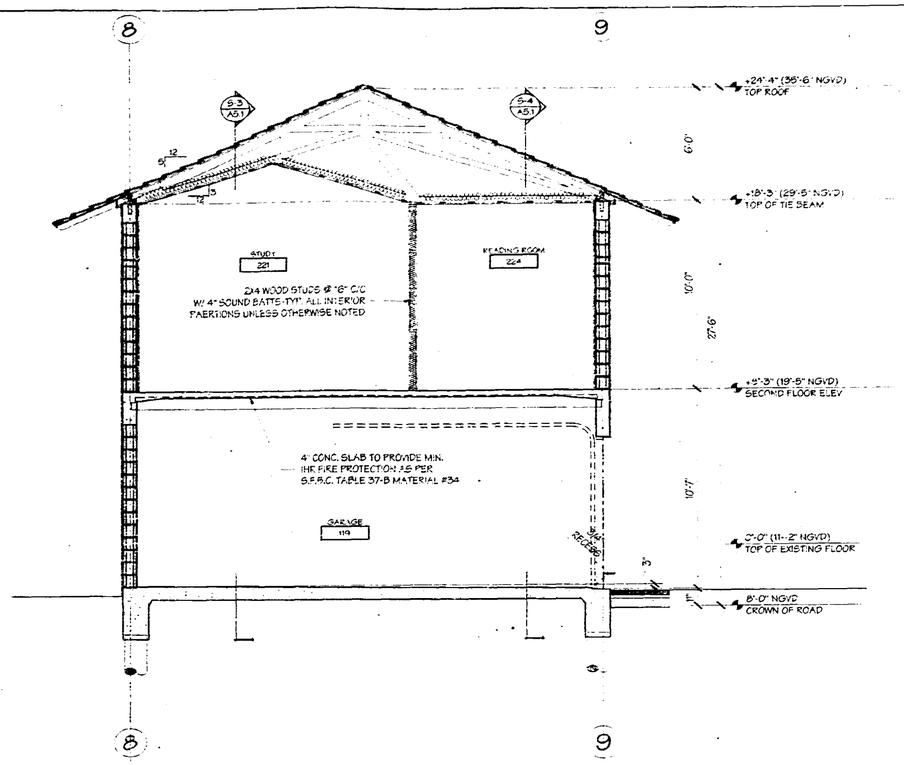
3/8" = 1'-0"

PROJECT: DRUDO RESIDENCE
16 WEST DRUDO DRIVE
MIAMI BEACH
NO. 99-0482

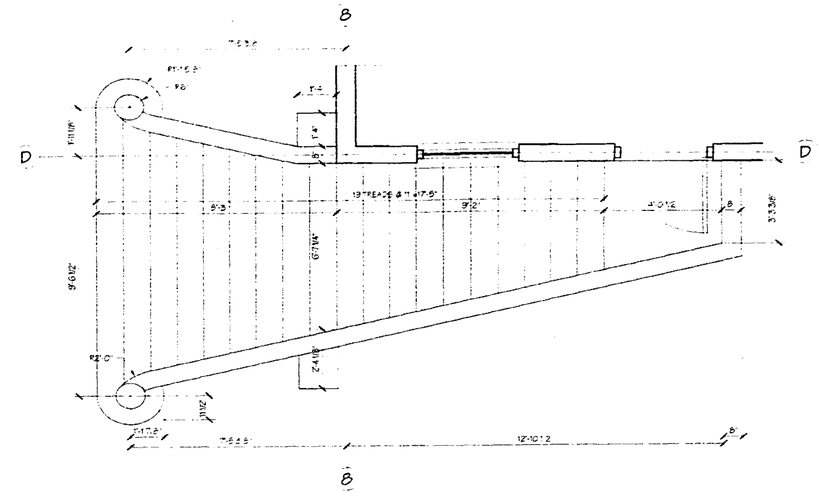
REVISIONS:

JORGE L. HERNANDEZ
Architect
FLORIDA REGISTRATION # 15893
337 Palermo Avenue, Coral Gables, Florida 33134 (305) 774-0022

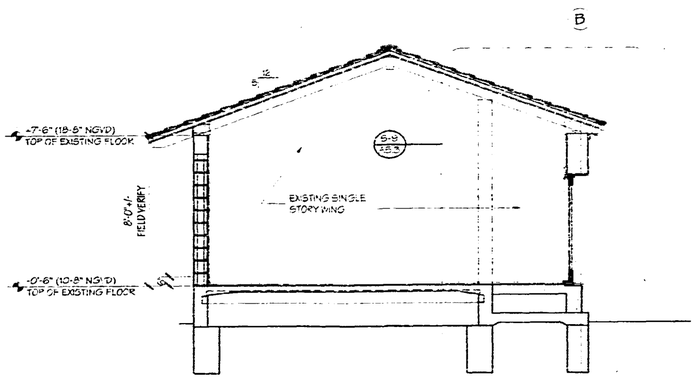
DRAWING: BUILDING SECTIONS
DATE: 09-23-99
SHEET: A4.4



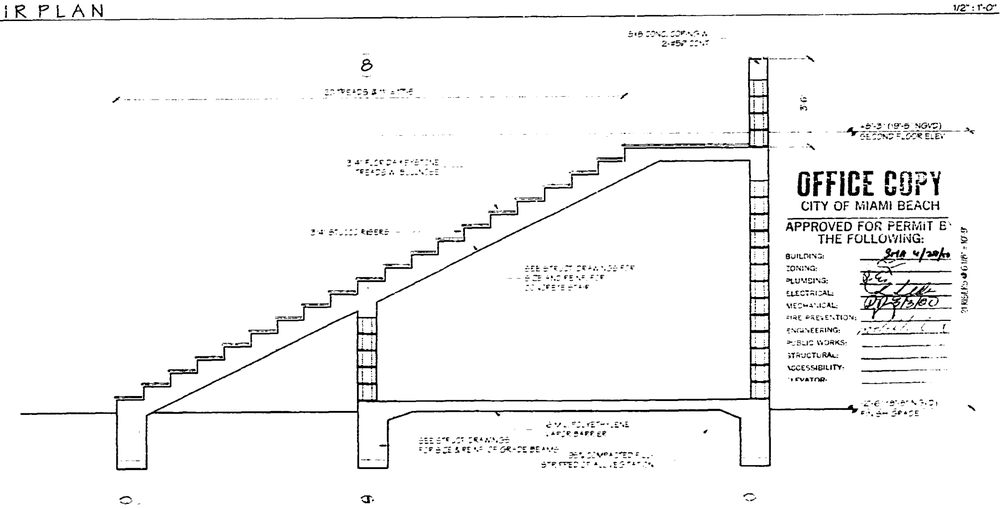
B-B A4.4 BUILDING SECTION 3/8" = 1'-0"



D-1 A4.4 STAIR PLAN 1/2" = 1'-0"



C-C A4.4 BUILDING SECTION 3/8" = 1'-0"



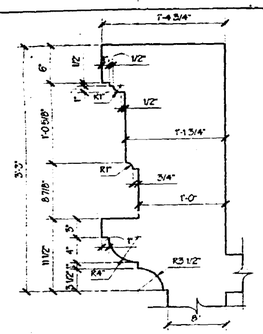
D-2 A4.4 STAIR SECTION 1" = 1'-0"

PROJECT: DILIDO RESIDENCE
16 WEST DILIDO DRIVE MIAMI BEACH
NO. 99-0402

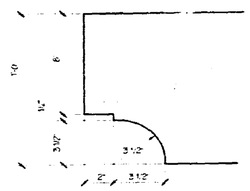
REVISIONS:

JORGE L. HERNANDEZ
Architect
FLORIDA REGISTRATION #9841
337 Palermo Avenue, Coral Gables, Florida 33134 (305) 774-0022

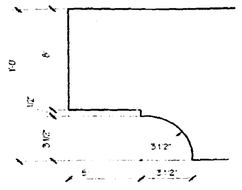
DRAWING: BUILDING SECTIONS
DATE: 09-23-99
SHEET: A4.5



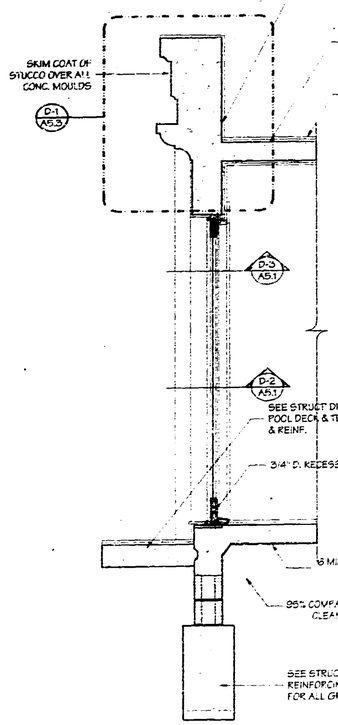
D-1 A5.1 CONC. MOULD DETAIL 1 1/2" = 1'-0"



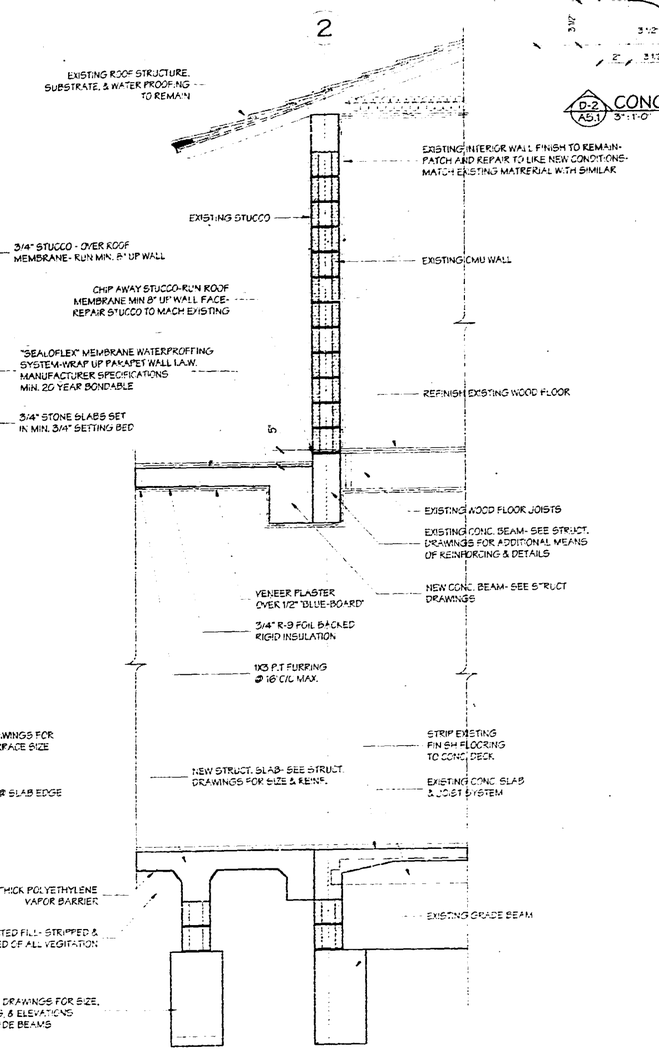
D-2 A5.1 CONC. MOULD DETAIL 3" = 1'-0"



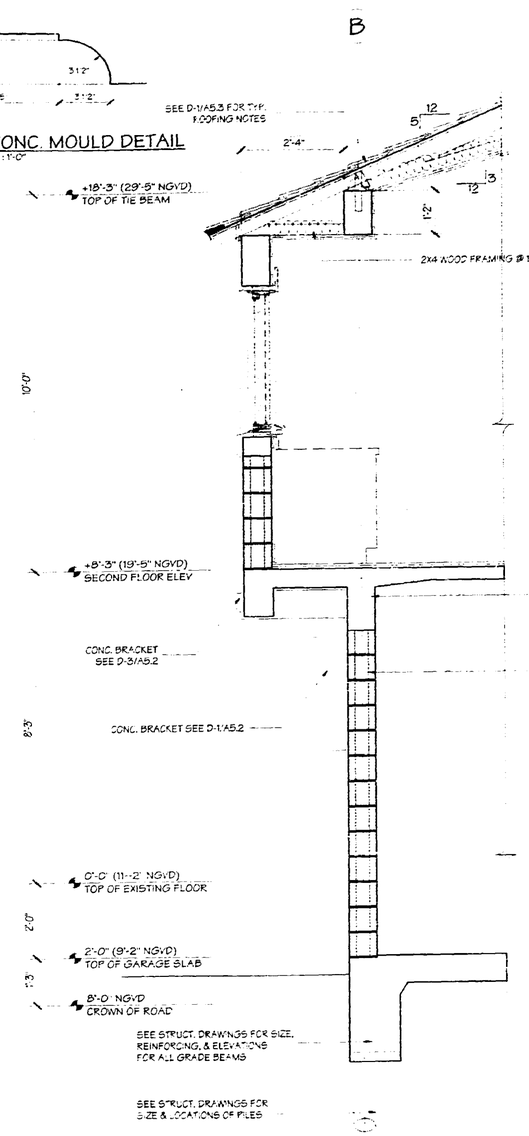
D-3 A5.1 CONC. MOULD DETAIL 3" = 1'-0"



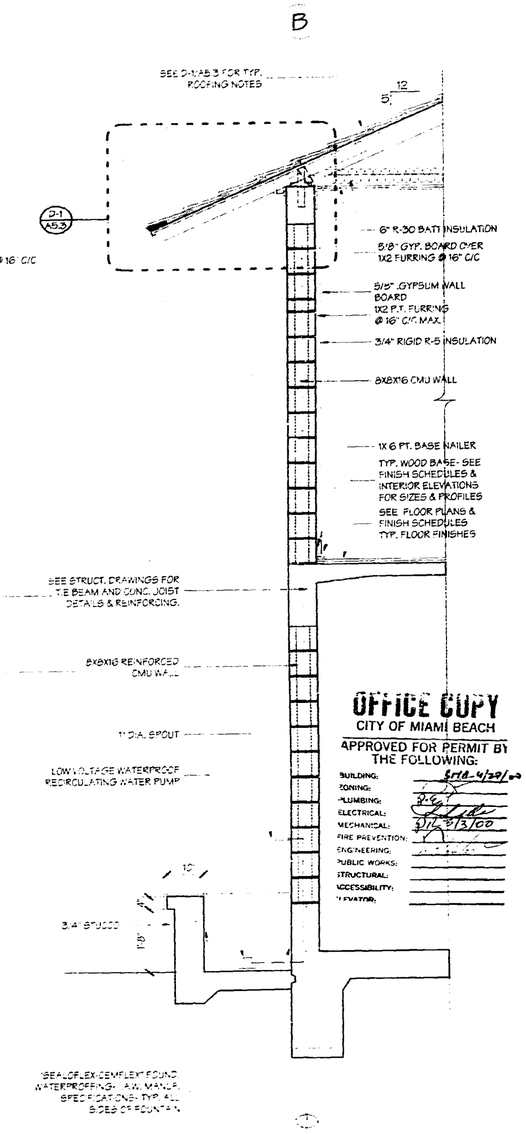
S-1 A5.1 WALL SECTION 3/4" = 1'-0"



S-2 A5.1 WALL SECTION 3/4" = 1'-0"



S-3 A5.1 WALL SECTION 3/4" = 1'-0"



S-4 A5.1 WALL SECTION 3/4" = 1'-0"

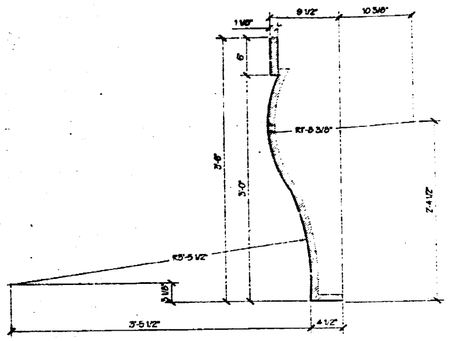
OFFICE COPY
CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY THE FOLLOWING:
BUILDING: 5/16-4/20/00
ZONING:
PLUMBING:
ELECTRICAL:
MECHANICAL: 3/16 3/13/00
FIRE PREVENTION:
ENGINEERING:
PUBLIC WORKS:
STRUCTURAL:
ACCESSIBILITY:
ELEVATOR:

PROJECT: DILIDO RESIDENCE
16 WEST DILIDO DR. MIAMI BEACH, FL
NO 99-0002

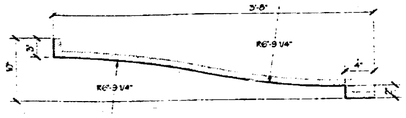
REVISIONS:

JORGE L. HERNANDEZ
Architect
337 Palermo Avenue, Coral Gables, Florida 33134 (305) 774-0922

DRAWING: WALL SECTIONS
DATE: 01-03-00
SHEET: A-5.1



D-1 / A5.2 CONC. MOULD DTL.
3" : 1'-0"



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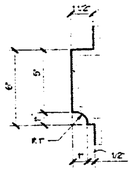
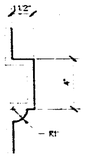
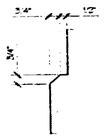
3" : 1'-0"



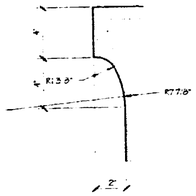
D-3 / A5.2 STUCCO MOULD DTL.
3" : 1'-0"



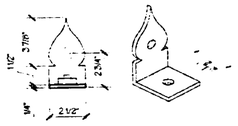
D-4 / A5.2 STUCCO MOULD DTL.
3" : 1'-0"



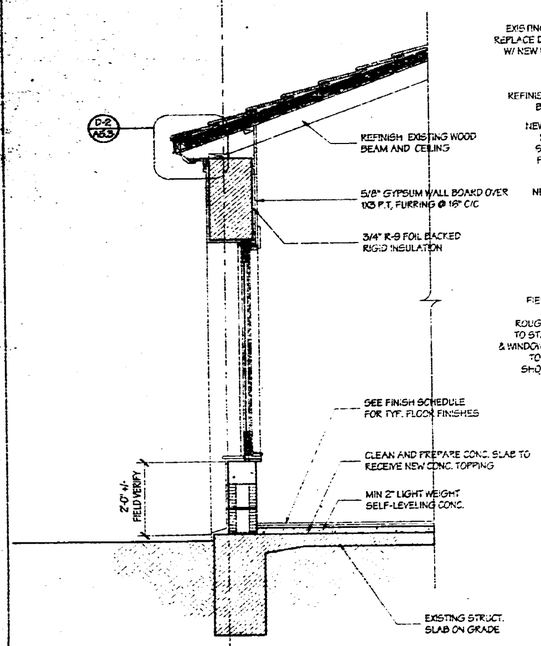
D-5 / A5.2 STUCCO MOULD DTL.
3" : 1'-0"



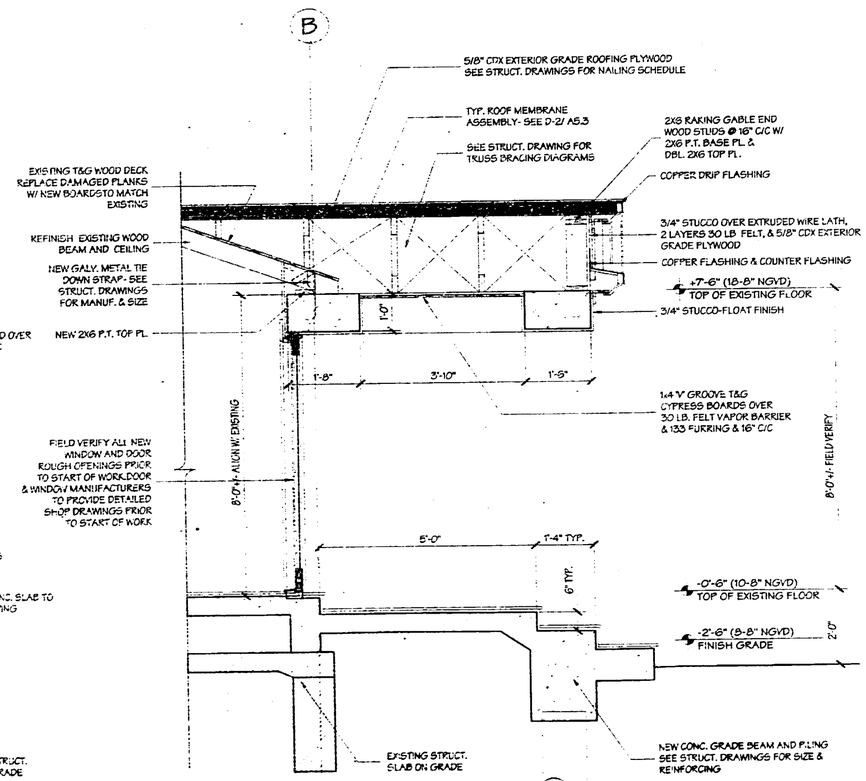
D-6 / A5.2 STUCCO MOULD DTL.
3" : 1'-0"



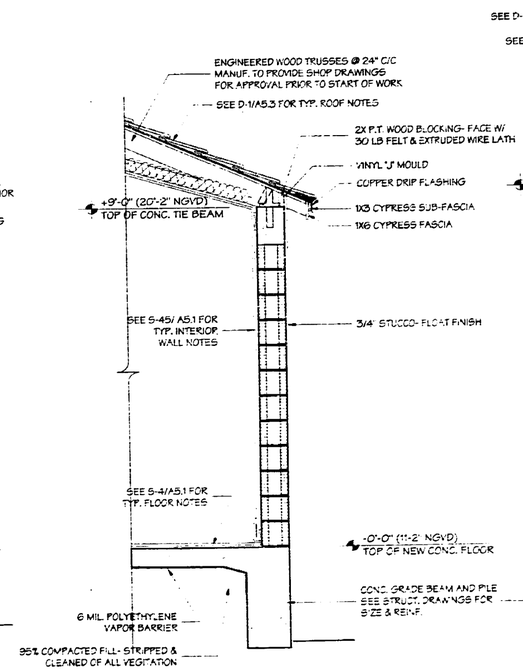
D-7 / A5.2 TRELLIS BRACKET DTL.
3" : 1'-0"



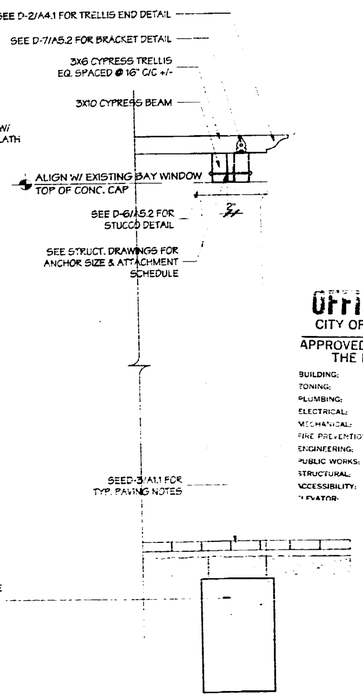
S-5 / A5.2 WALL SECTION
3/4" : 1'-0"



S-6 / A5.2 WALL SECTION
3/4" : 1'-0"



S-7 / A5.2 WALL SECTION
3/4" : 1'-0"



S-8 / A5.2 WALL SECTION
3/4" : 1'-0"

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

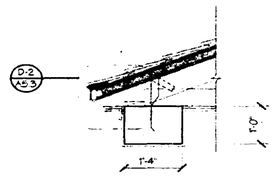
BUILDING:	SHB 4/20/00
ZONING:	
PLUMBING:	J.E.
ELECTRICAL:	
MECHANICAL:	3/13/00
FIRE PREVENTION:	
ENGINEERING:	
PUBLIC WORKS:	
STRUCTURAL:	
ACCESSIBILITY:	
ELEVATOR:	

PROJECT: DELGADO RESIDENCE
16 WEST DELGADO DR. MIAMI BEACH, FL.
HCD 99-0020

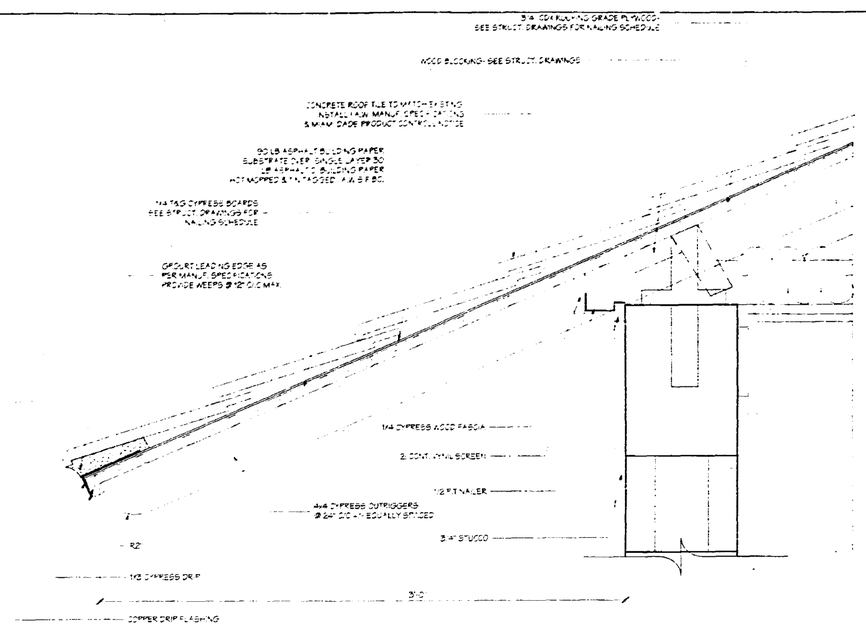
REVISIONS:

JORGE L. HERNANDEZ
Architect
FLORIDA REGISTRATION # 12000
337 Palermo Avenue, Coral Gables, Florida 33134 (305) 774-0022

DRAWING: WALL SECTIONS
DATE: 01-10-00
SHEET: A5.2



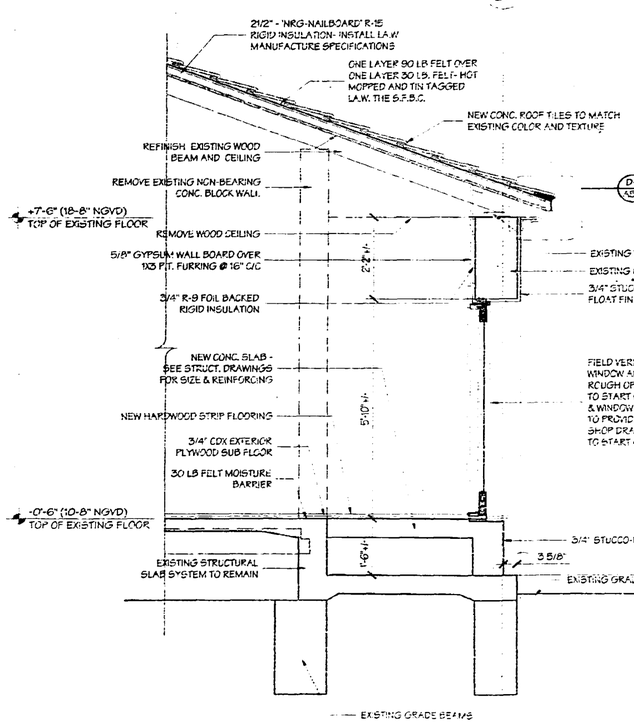
D-2 A5.3 WALL SECTION 3/4" = 1'-0"



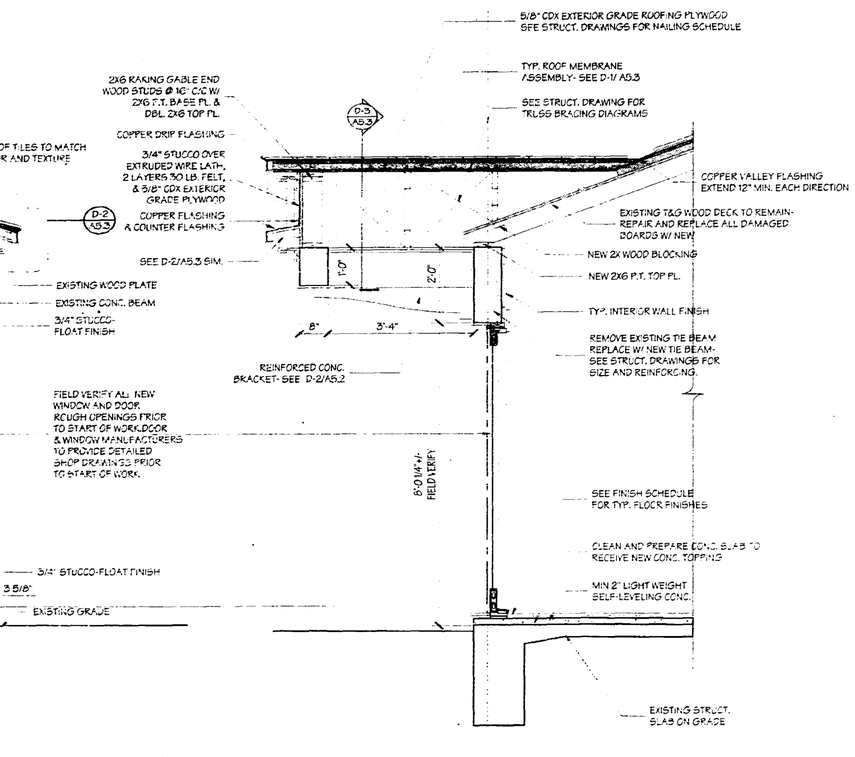
D-1 A5.3 OVERHANG DETAIL 3" = 1'-0"

7

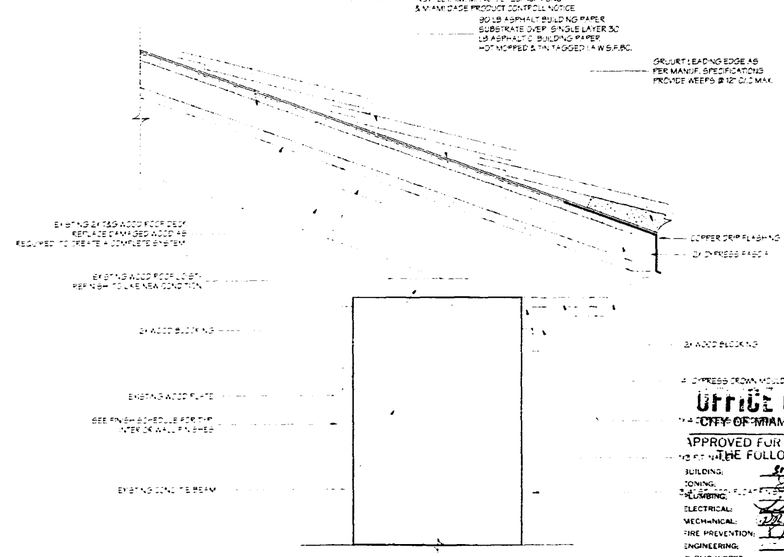
B



D-2 A5.3 WALL SECTION 3/4" = 1'-0"



S-10 A5.3 WALL SECTION 3/4" = 1'-0"



D-2 A5.3 OVERHANG DETAIL 3" = 1'-0"

OFFICE COPY
CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY THE FOLLOWING:
BUILDING: 4/27/00
ZONING:
PLUMBING:
ELECTRICAL:
MECHANICAL: 4/25/00
FIRE PREVENTION:
ENGINEERING:
PUBLIC WORKS:
STRUCTURAL:
ACCESSIBILITY:
ELEVATOR:

PROJECT: DELIDO RESIDENCE
16 WEST DELIDO DR MIAMI BEACH
NO.99-0602

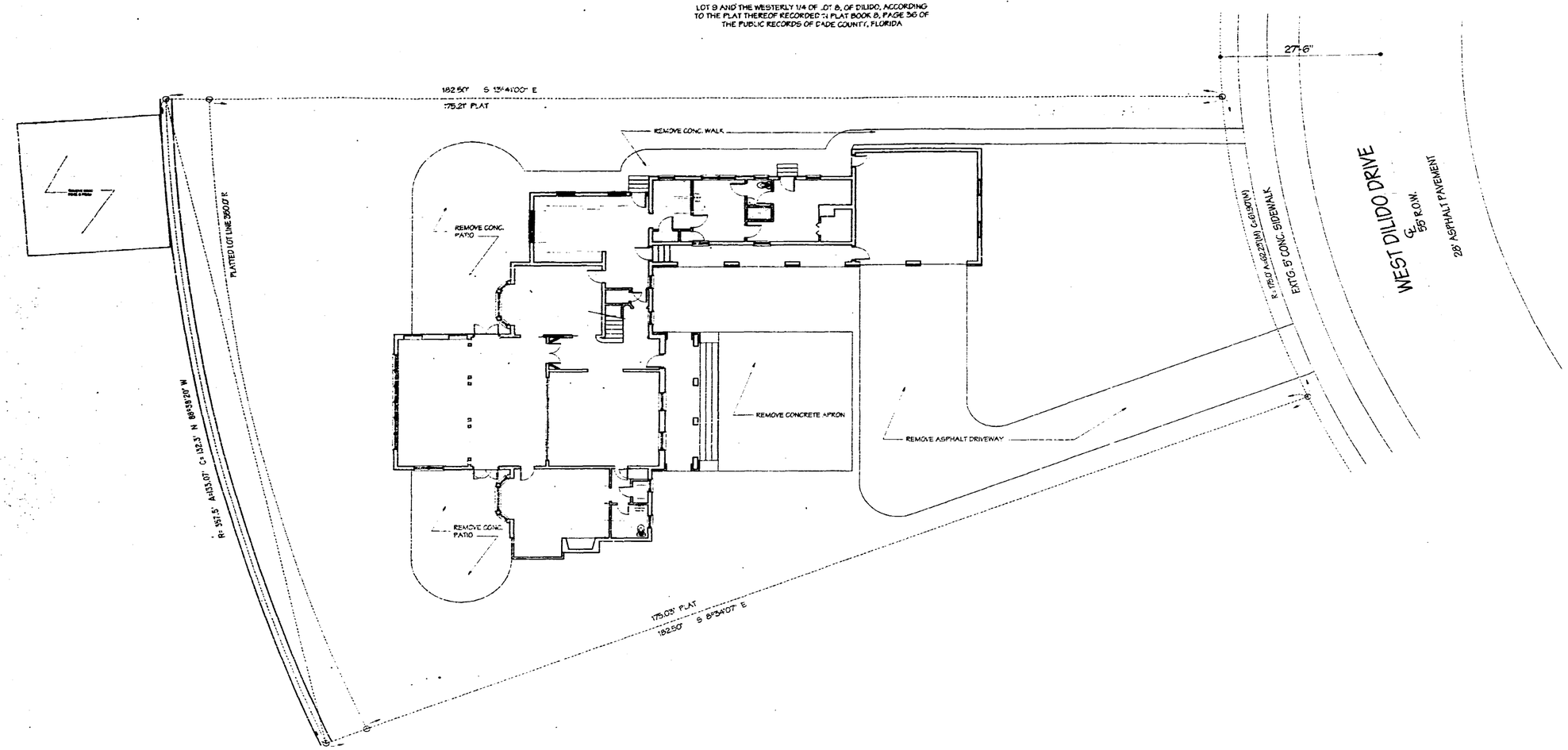
REVISIONS:

JORGE L. HERNANDEZ
Architect
FLORIDA REGISTRATION # 9801
337 Palermo Avenue, Coral Gables, Florida 33134 (305) 774-0022

DRAWING: WALL SECTIONS
DATE: 01-03-00
SHEET: A5.3

PROPERTY DESCRIPTION

LOT 9 AND THE WESTERLY 1/4 OF LOT 8, OF DILIDO, ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK B, PAGE 56 OF THE PUBLIC RECORDS OF DADE COUNTY, FLORIDA



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

BUILDING:	5/10 4/20/00
ZONING:	
PLUMBING:	
ELECTRICAL:	
MECHANICAL:	
FIRE PREVENTION:	
ENGINEERING:	
PUBLIC WORKS:	
STRUCTURAL:	
ACCESSIBILITY:	
ELEVATOR:	

N

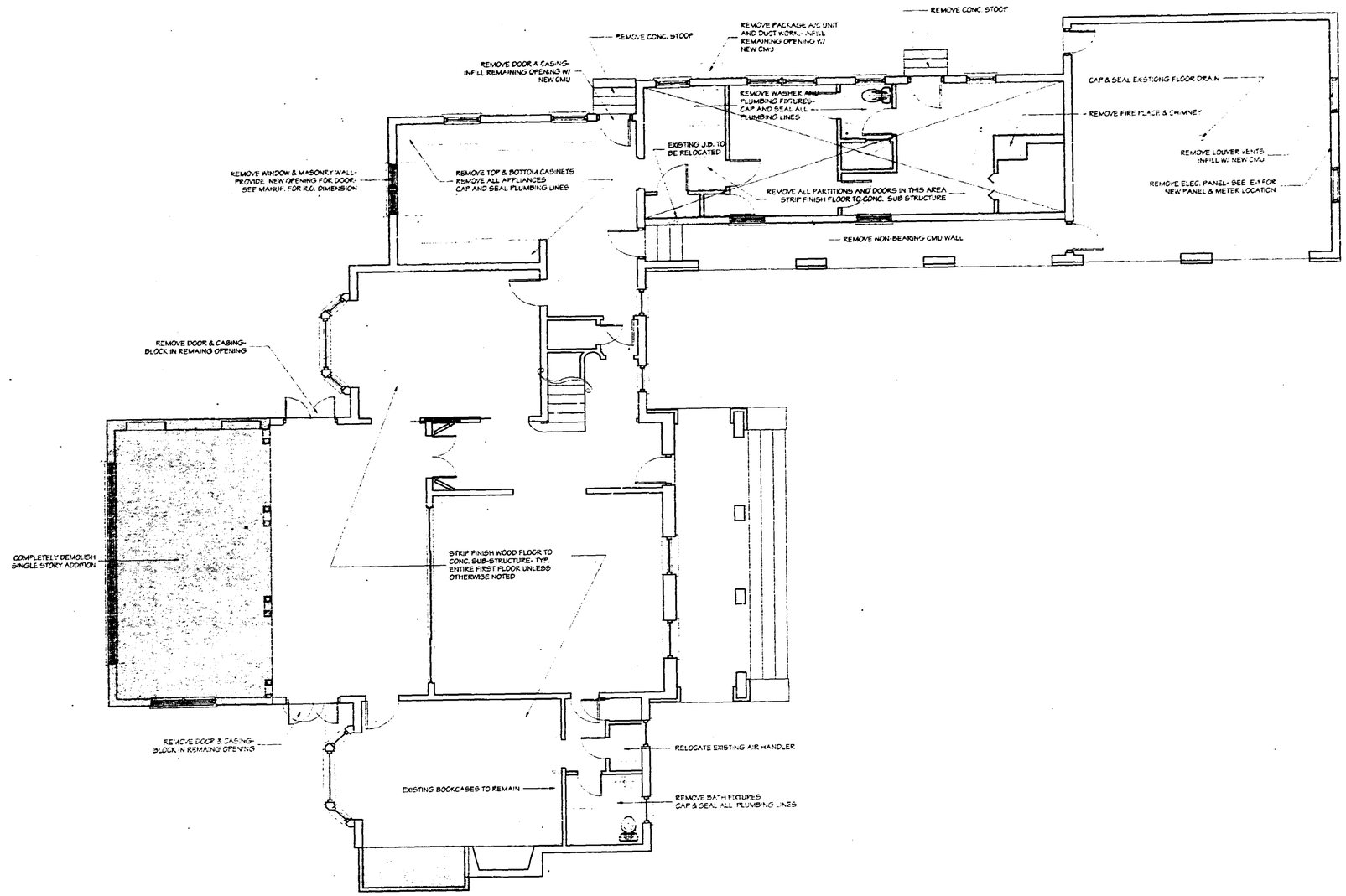
1 / D1.1 SITE DEMOLITION PLAN 1/8" = 1'-0"

PROJECT: [illegible]

REVISIONS:

JORGE L. HERNANDEZ
Architect
FLORIDA REGISTRATION # [illegible]
337 Palermo Avenue, Coral Gables, Florida 33134 (305) 774-0022

DRAWING: DEMOLITION SITE PLAN
DATE: [illegible]
SHEET: D1.1



1 / D1.2 FIRST FLOOR DEMOLITION PLAN

1/4" = 1'-0"

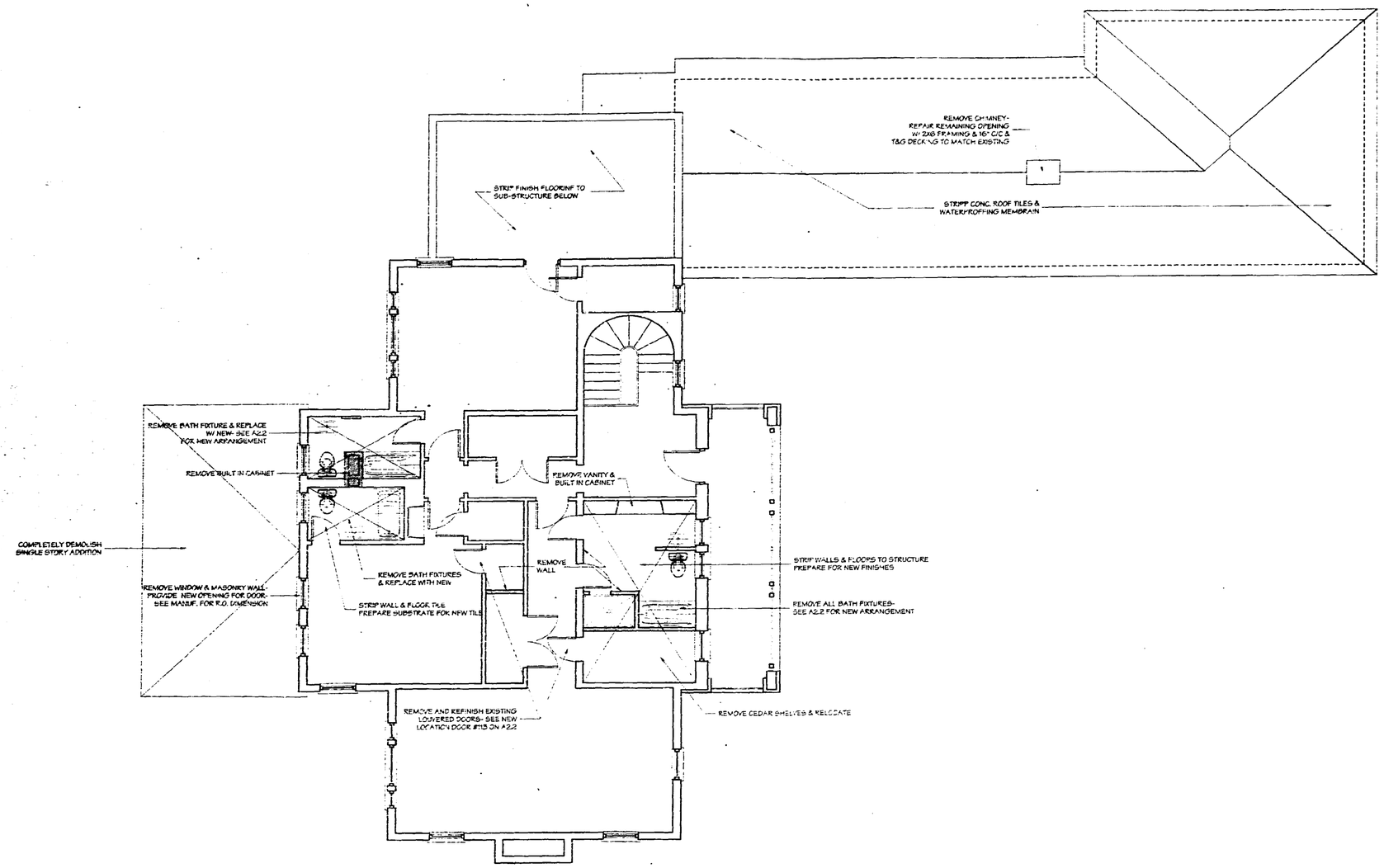
OFFICE COPY
CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY THE FOLLOWING:
BUILDING: SMA 4/29/10
ZONING:
PLUMBING:
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
ENGINEERING:
PUBLIC WORKS:
STRUCTURAL:
ACCESSIBILITY:
ELEVATOR:

PROJECT: SOLEDO RESIDENCE
TO
1 WEST SOLEDO DR. MIAMI BEACH, FL. 33139

REVISIONS:

JORGE L. HERNANDEZ
Architect
FLORIDA REGISTRATION # 15000
337 Palermo Avenue, Coral Gables, Florida 33134 (305) 774-0822

DRAWING: DEMOLITION 1ST FLOOR PLAN
DATE: 01-22-09
SHEET: D1.2



1 / D1.3 SECOND FLOOR DEMOLITION PLAN

1/4" = 1'-0"

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

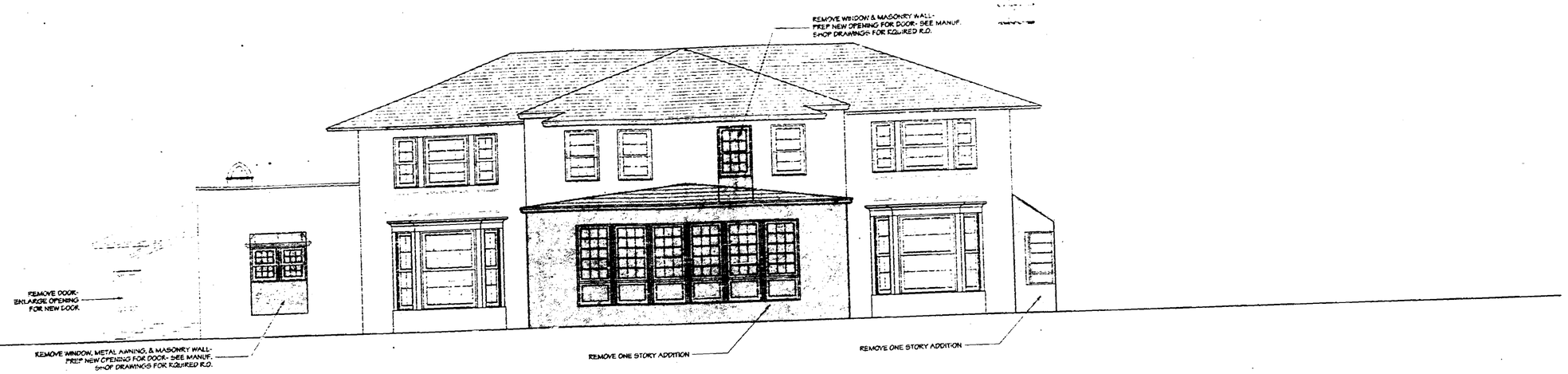
BUILDING:	STA 4/22/00
ZONING:	
PLUMBING:	
ELECTRICAL:	
MECHANICAL:	
FIRE PREVENTION:	D
ENGINEERING:	
PUBLIC WORKS:	
STRUCTURAL:	
ACCESSIBILITY:	
HEATER:	

PROJECT: BILDO RESIDENCE
TO: 5000 PALMA DR. MIAMI BEACH, FL.
PRO-99-0022

REVISIONS:

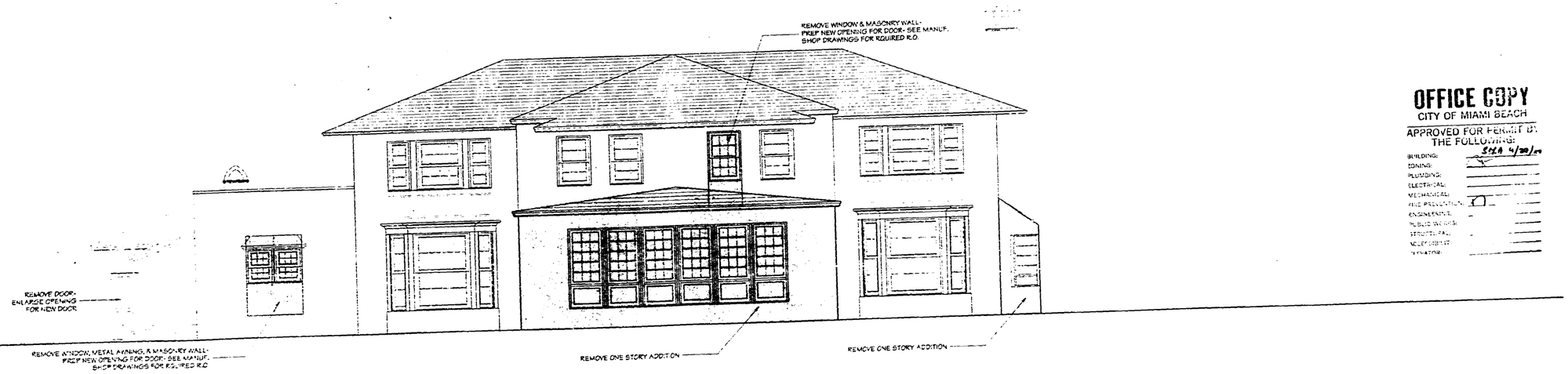
JORGE L. HERNANDEZ
Architect
FLORIDA REGISTRATION # 9105
337 Palermo Avenue, Coral Gables, Florida 33134 (305) 774-0022

DRAWING: DEMOLITION 2ND FLOOR PLAN
DATE: 01-03-00
SHEET: D1.3



1/4" = 1'-0"

1 / D1.4 STREET ELEVATION DEMOLITION PLAN



1/4" = 1'-0"

2 / D1.4 BISCAYNE BAY ELEVATION DEMOLITION PLAN

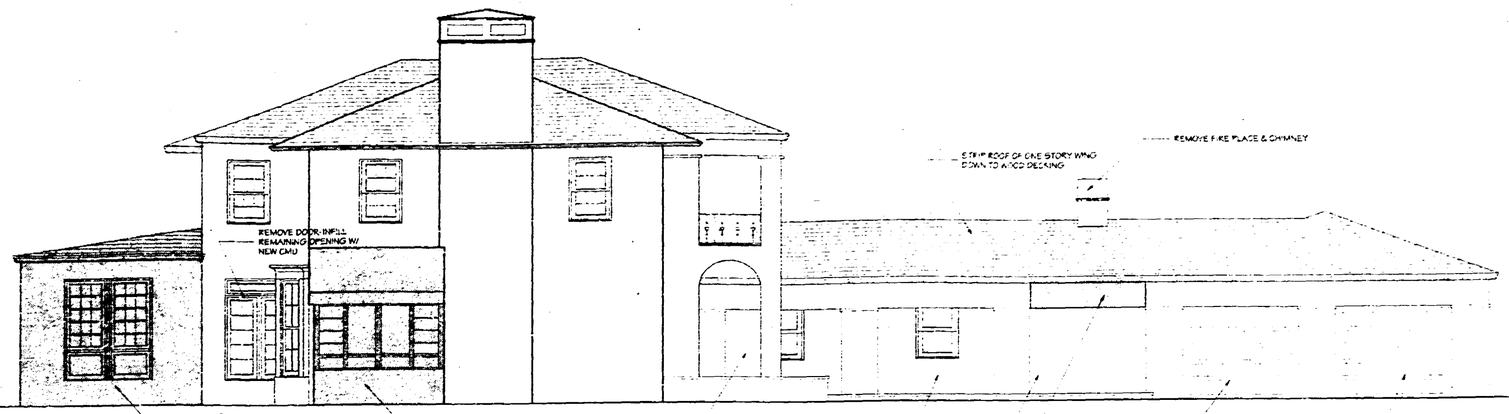
OFFICE COPY
CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY
THE FOLLOWING:
BUILDING: SKA 4/20/00
ZONING:
PLUMBING:
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
ENGINEERING:
PUBLIC WORKS:
STRUCTURAL:
MOLD:
ELEVATOR:

PROJECT:
DELIDO
RESIDENCE
16
N-2857 DELIDO DR.
MIAMI BEACH, FL
NO.99-0402

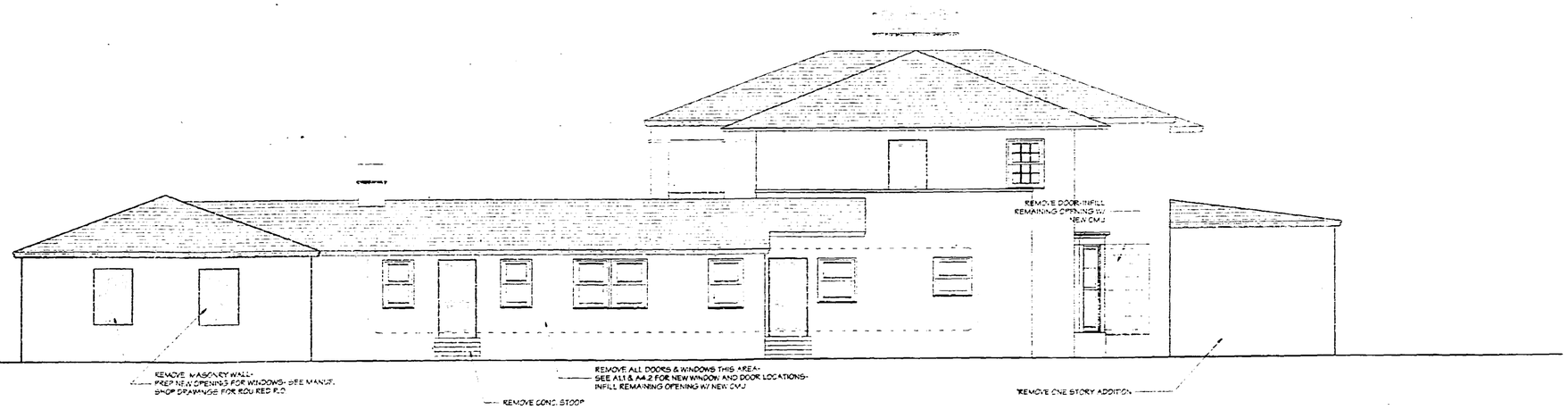
REVISIONS:

JORGE L. HERNANDEZ
Architect
FLORIDA REGISTRATION # 5990
337 Palermo Avenue, Coral Gables, Florida 33134 (305) 774-0022

DRAWING:
DEMOLITION
ELEVATIONS
DATE:
01-02-00
SHEET: D1.4



1 D1.5 EAST ELEVATION DEMOLITION PLAN 1/4" : 1'-0"



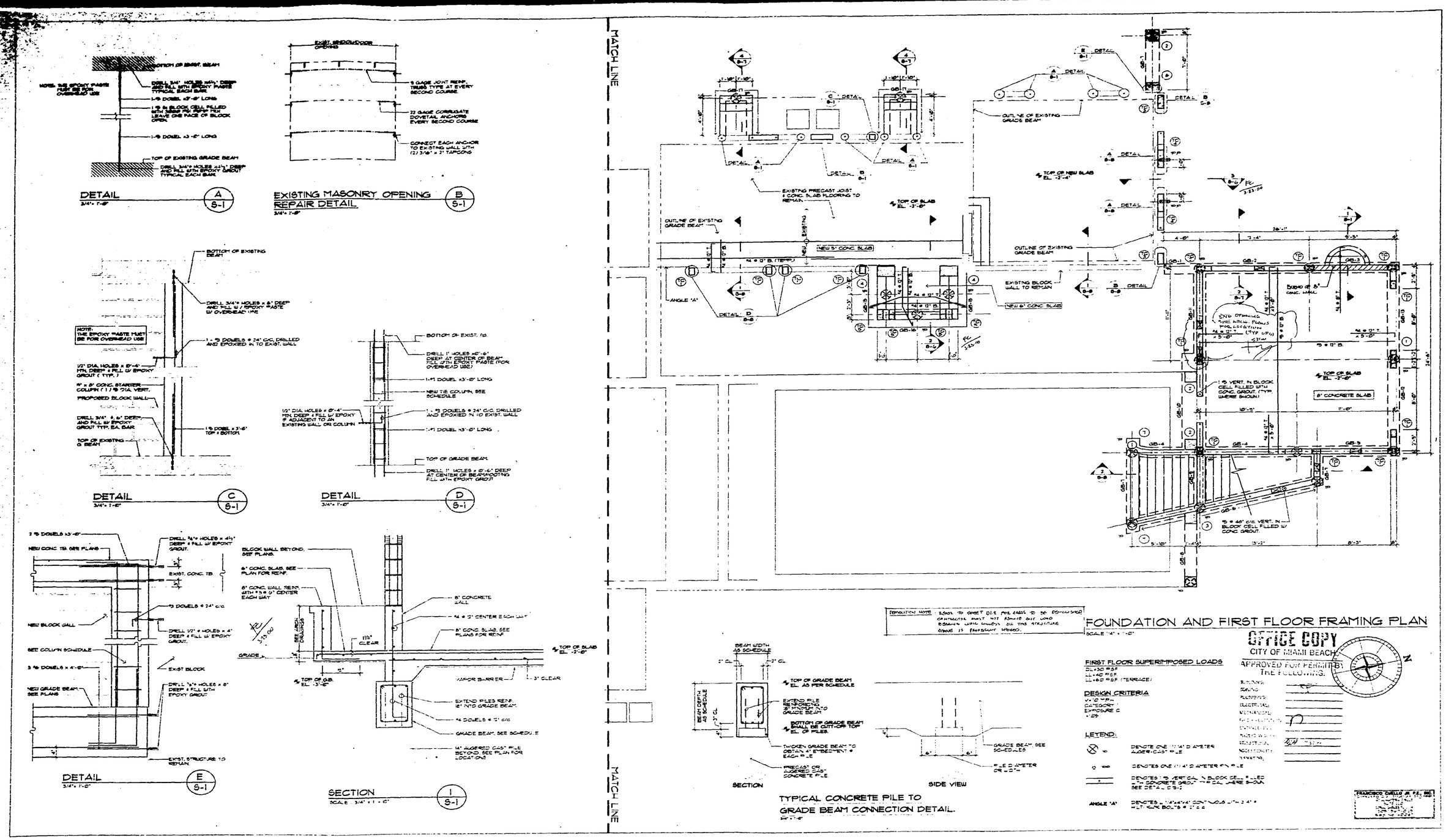
2 D1.4 WEST ELEVATION DEMOLITION PLAN 1/4" : 1'-0"

OFFICE COPY
CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY THE FOLLOWING:
SOA 4/27/10

PROJECT: DELIDO RESIDENCE
[illegible]
REVISIONS:

JORGE L. HERNANDEZ
Architect
FLORIDA REGISTRATION # [illegible]
337 Palermo Avenue, Coral Gables, Florida 33134 (305) 774-0022

DRAWING: DEMOLITION ELEVATION
DATE: 01-02-09
SHEET: D1.5

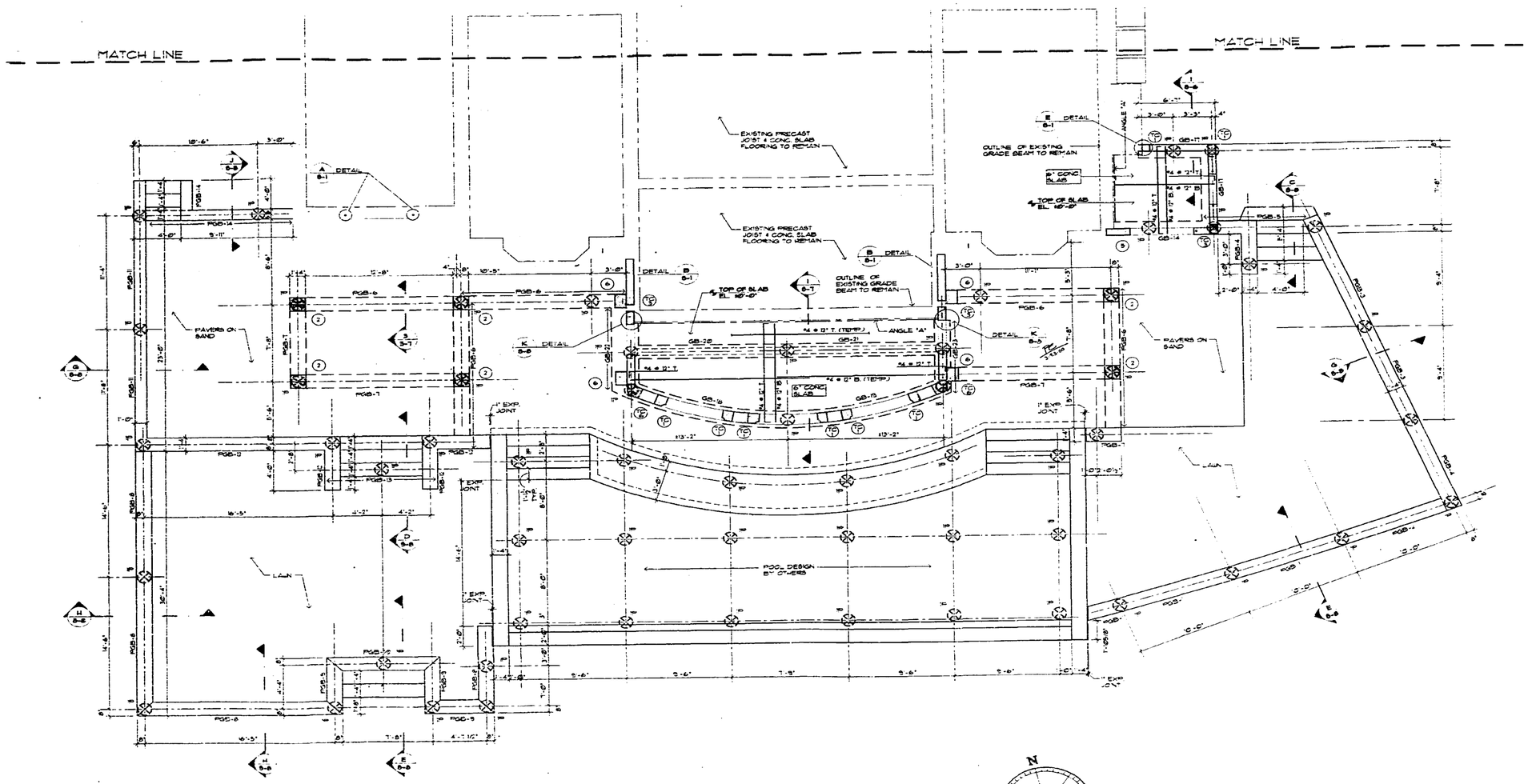


PROJECT: DILIDO RESIDENCE
56 WEST DILIDO DRIVE MIAMI BEACH
NO.99-0492

REVISIONS:

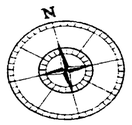
JORGE L. HERNANDEZ
Architect
FLORIDA REGISTRATION #
337 Palermo Avenue, Coral Gables, Florida 33134 (305) 774-0022

DRAWING: FOUNDATION PLAN
DATE: 01-26-00
SHEET: S-1



PARTIAL FOUNDATION PLAN

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



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

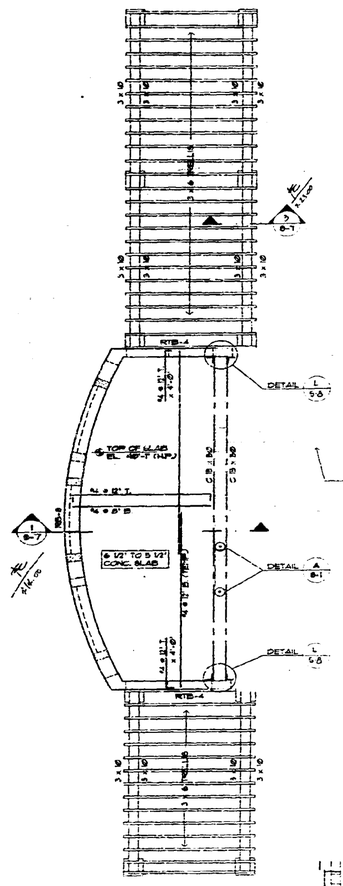
BUILDING:
PLUMBING:
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
ENGINEERING:
PUBLIC WORKS:
STRUCTURAL:
ACCESSIBILITY:
ELEVATOR:

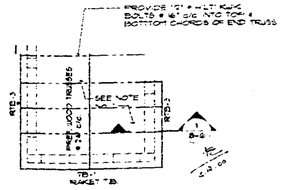
FRANCISCO CUELLO JR. P.E. INC.

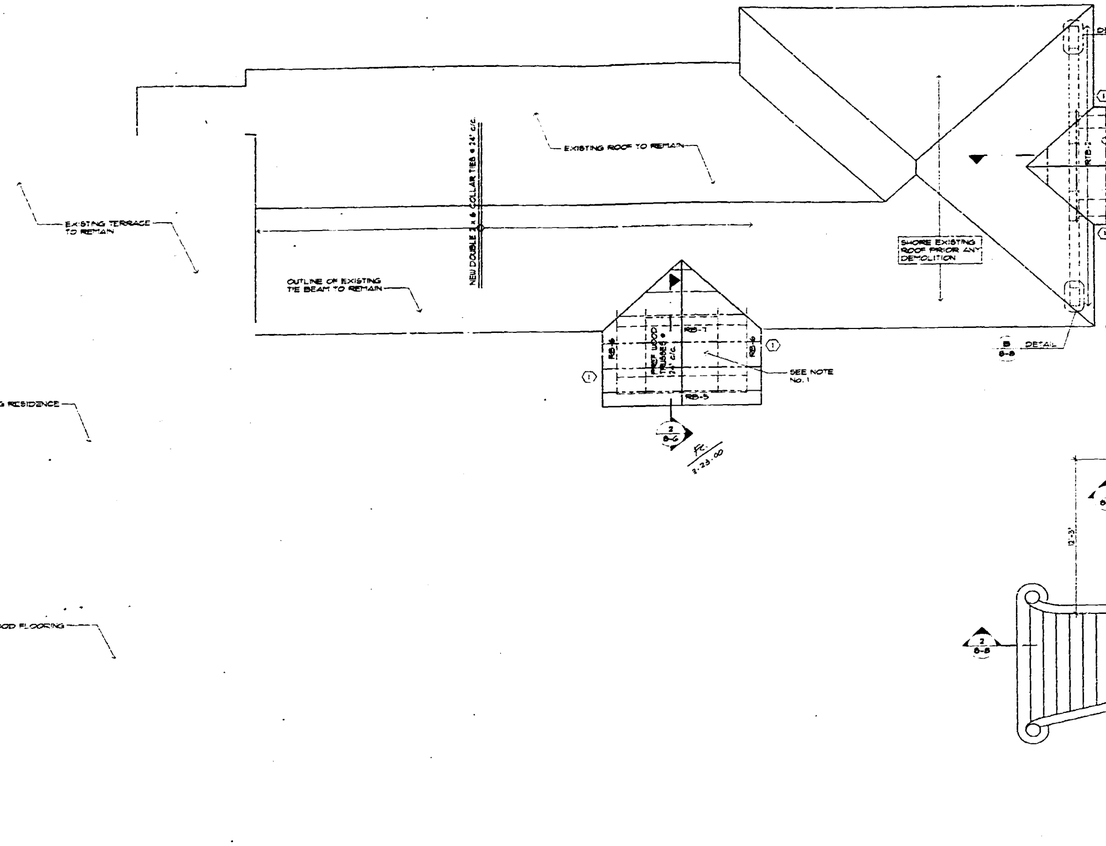
PROJECT:
REVISIONS:

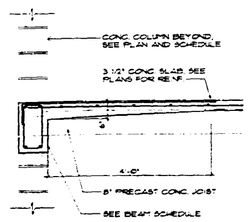
JORGE L. HERNANDEZ
Architect
FLORIDA REGISTRATION # 10661
337 Palermo Avenue, Coral Gables, Florida 33134 (305) 774-0022

DRAWING: FOUNDATION PLAN
DATE: 01-26-01
SHEET: S-2









SECTION 1/S-3
3/4" = 1'-0"

LOWER ROOF NOTES:

1. ROOF SHEATHING SHALL BE NEL 5/8" CDX WITH 10d NAILS @ 6" O.C. ALL SUPPORTS
2. ø DENOTES CHOPPED TIE BEAM AT OPENING. ADD 2 #5 BOTTOM AND #5 @ 12" O.C. EXTEND 6" INTO WALL EACH END

HURRICANE STRAP REQUIREMENT.

1. DENOTES STRAP BY HUGHES MANUF. MODEL DTC WITH 4-10d NAILS THRU SEAT PLATE AND 9-10d NAILS THRU STRAP FOR UPLIFT REACTIONS LESS THAN 1365#
2. DENOTES DOUBLE STRAP ONE (1) DTC WITH THE NAILING PATTERN AS ABOVE AND ONE (1) H2.5A WITH 5-10d NAILS BOTH BY HUGHES MANUF. FOR UPLIFT REACTIONS MORE THAN 1365# UP TO 2000#

LOWER ROOF SUPERIMPOSED LOADS
DL=25 #/SF
LL=30 #/SF
TOTAL=55 #/SF (INTERIOR)
(+6.25 #/SF OVERHANG)

SECOND FLOOR SUPERIMPOSED LOADS
DL=30 #/SF
LL=40 #/SF

DESIGN CRITERIA
V=110 MPH
CATEGORY: I
EXPOSURE: D
I=1.0

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

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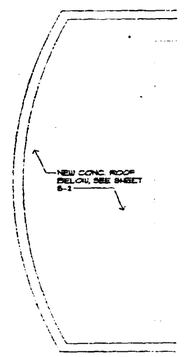
CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY THE FOLLOWING:
BUILDING:
ZONING:
PLUMBING:
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
ENGINEERING:
PUBLIC WORKS:
STRUCTURAL:
ACCESSIBILITY:
PLANNING:

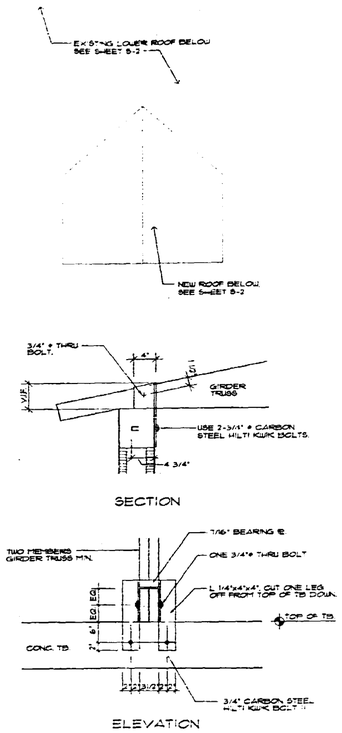
PROJECT: DELIDO RESIDENCE
14 WEST DELIDO DRIVE MIAMI BEACH
HEQ.99-0002

REVISIONS:

JORGE L. HERNANDEZ
Architect
FLORIDA REGISTRATION # 9847
337 Palermo Avenue, Coral Gables, Florida 33134 (305) 774-0022

DRAWING: SECOND FLOOR & LOWER ROOF
DATE: 01-20-00
SHEET: S-3

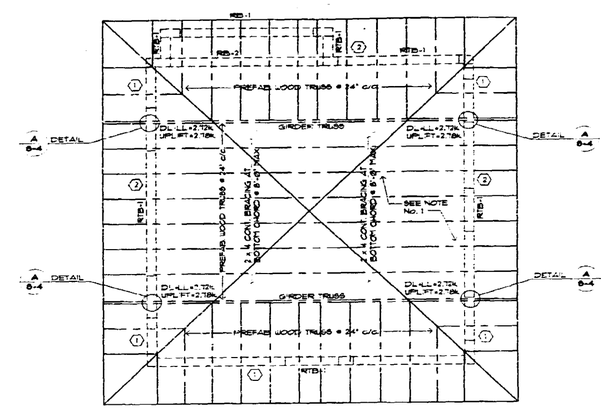




TYPICAL GIRDER TRUSS TO CONC. TIE BEAM CONNECTION DETAIL (A / S-4)

N.T.S.

MAX. UPLIFT CAPACITY = [illegible]



ROOF FRAMING PLAN

SCALE 1/4" = 1'-0"

ROOF NOTES:

1.- ROOF SHEATHING SHALL BE 5/8" CDX WITH 10d NAILS @ 6" O/C ALL SUPPORTS

2.- PROVIDE 1/2" CDX PLYWOOD BELOW BOTTOM CHORD OF ALL TRUSSES AT EXTERIOR TERRACES WITH 8d NAILS @ 6" O/C ALL SUPPORTS

3.- SEE SHEET S-4 FOR LINTEL SCHEDULE AND BEAMS SCHEDULE.

HURRICANE STRAP REQUIREMENT.

(1) DENOTES STRAP BY HUGHES MANUF. MODEL DTC WITH 4-10d NAILS THRU SEAT PLATE AND 8-10d NAILS THRU STRAP FOR UPLIFT REACTIONS LESS THAN 365# (Dade Co. Approval No. 93-0727.06)

(2) DENOTES DOUBLE STRAP ONE (1) DTC WITH THE NAILING DESCRIBED ABOVE AND ONE (1) "LSTA" WITH 3-10d NAILS BOTH BY HUGHES MANUF. FOR UPLIFT REACTIONS MORE THAN 365# UP TO 1000# (Dade Co. Approval No. 93-0727.01)

HIGHEST ROOF SUPERIMPOSED LOADS

DL=25 PSF
LL=30 PSF
NET UPL.RT.=-36.92 PSF (INTERIOR)
=-66.4 PSF (OVERHANG)

DESIGN CRITERIA

V=140 MPH
CATEGORY I
EXPOSURE D
I=1.0

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CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY THE FOLLOWING:
BUILDING:
ZONING:
PLUMBING:
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
ENGINEERING:
PUBLIC WORKS:
STRUCTURAL:
ACCESSIBILITY:
ELEVATOR:

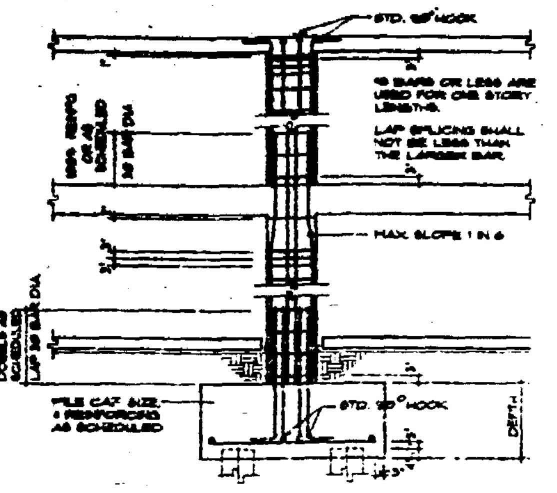
FRANCISCO CUELLO JR. P.E. INC.

PROJECT: DELIDO RESIDENCE
36 WEST DELIDO DRIVE
MIAMI BEACH
NO. 99-0002

REVISIONS:

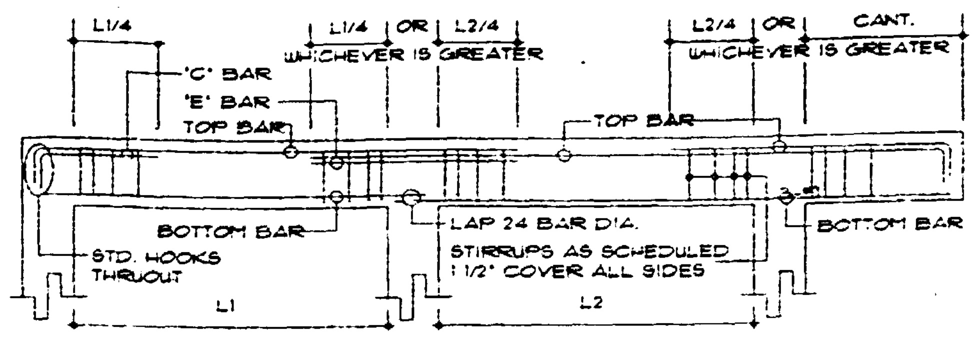
JORGE L. HERNANDEZ
Architect
FLORIDA REGISTRATION # 8561
337 Palermo Avenue, Coral Gables, Florida 33134 (305) 774-0022

DRAWING: ROOF FRAMING PLAN
DATE: 01-26-00
SHEET: S-4



TYPICAL COLUMN TO PILE CAP OR GRADE BEAM DETAIL.

N.T.S.



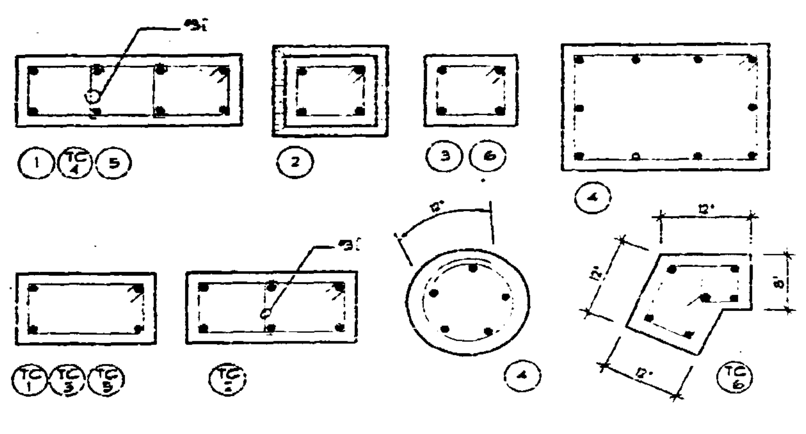
TYPICAL BEAM DIAGRAM

'C' BARS ARE TOP BARS AT NON-CONTINUOUS ENDS.
'E' BARS ARE TOP BARS OVER RIGHT INTERIOR SUPPORTS.
TOP BARS CALLED FOR AS CONTINUOUS, WHEN SPLICED, SHALL BE SPLICED IN THE MIDDLE THIRD OF THE SPAN.

COLUMN SCHEDULE

MARK	SIZE	REINFORCING VERTICAL	REINFORCING TIES	REMARKS
1	8"x28"	8-#5	#3 □ @ 8" c/c.	
2	16"x16"	4-#6	#3 □ @ 12" c/c.	MASONRY COLUMN
3	16"x16"	4-#6	#3 □ @ 12" c/c.	
4	20"x28"	10-#6	#3 □ @ 12" c/c.	
5	8"x24"	8-#5	#3 □ @ 8" c/c.	
6	12"x16"	4-#6	#3 □ @ 12" c/c.	
7	12" ⌀	4-#5	#3 ○ @ 12" c/c.	
TC1	8"x12"	4-#5	#3 □ @ 12" c/c.	
TC2	8"x20"	6-#5	#3 □ @ 8" c/c.	
TC3	8"x16"	4-#6	#3 □ @ 8" c/c.	
TC4	8"x28"	8-#5	#3 □ @ 8" c/c.	
TC5	8"x18"	6-#5	#3 □ @ 8" c/c.	
TC6	8"x12"x12"x12"	6-#6	#3 □ @ 12" c/c.	

COLUMN BAR-ARRANGEMENT DETAILS



BEAM SCHEDULE

MARK	TOP OF BEAM ELEV	SIZE (IN)	REINFORCING B	T	C	E	STIRRUPS No.	SPACING	REMARKS
GB-1	-3'-0"	16X24	3-#6	•			3 □	@ 10"c/c.	• CONT. FROM GB-2
GB-2	-3'-0"	16X24	3-#6	3-#6•			3 □	@ 10"c/c.	• CONT.
GB-3	-3'-0"	16X24	3-#6	3-#6			3 □	@ 10"c/c.	
GB-4	-3'-0"	16X24	3-#6	3-#6•			3 □	@ 10"c/c.	• CONT.
GB-5	-3'-0"	16X24	3-#6	3-#6			3 □	@ 10"c/c.	
GB-6	-3'-0"	16X24	3-#6	3-#5•			3 □	@ 10"c/c.	• CONT.
GB-7	-3'-0"	16X24	3-#5	3-#5•			3 □	@ 10"c/c.	• CONT.
GB-8	-3'-0"	16X24	3-#6	3-#6•			3 □	@ 10"c/c.	• CONT.
GB-9	-3'-0"	16X24	3-#6	3-#6			3 □	@ 10"c/c.	
GB-10	-3'-0"	32X24	4-#7	4-#7			3 □	@ 10"c/c.	
GB-11	-3'-0"	16X24	3-#7•	3-#7•			3 □	@ 10"c/c.	• CONT. FROM GB-10
GB-12	-3'-0"	16X24	3-#7	3-#7•			3 □	@ 10"c/c.	• CONT.
GB-13	-3'-0"	16X24	3-#7	3-#7			3 □	@ 10"c/c.	
GB-14	-1'-0"	16X24	3-#6•	3-#6			3 □	@ 8"c/c.	• EXTEND THRU PGB-5
GB-15	-2'-0"	28X24	4-#5	4-#5			3 □	@ 10"c/c.	
GB-16	-2'-0"	18X24	3-#5	3-#5			3 □	@ 10"c/c.	
GB-17	-1'-0"	16X24	3-#5	3-#5			3 □	@ 8"c/c.	2 #5 INTERM.
GB-18	-3'-0"	16X24	3-#7	3-#6•			3 □	@ 6½"c/c.	
GB-19	-3'-0"	16X24	3-#7	3-#6			3 □	@ 6½"c/c.	
GB-20	-3'-0"	16X24	3-#6	3-#6•			3 □	@ 10"c/c.	• CONT.
GB-21	-3'-0"	18X24	3-#6	3-#6			3 □	@ 10"c/c.	
GB-22	-3'-0"	28X24	4-#6	4-#6			3 □	@ 10" c/c.	
GB-23	-3'-0"	16X24	3-#7	3-#7•			3 □	@ 10" c/c.	• CONT.
PGB-1	-1'-10"	16X34	3-#6•	3-#6•			3 □	@ 10" c/c.	• CONT. 4 #5 INTERM.
PGB-2	-1'-10"	16X34	3-#6	3-#6			3 □	@ 10" c/c.	4 #5 INTERM.
PGB-3	0'-0"	16X50	3-#6•	3-#6•			3 □	@ 14" c/c.	• CONT. 6 #5 INTERM.
PGB-4	0'-0"	16X50	3-#6	3-#6			3 □	@ 14" c/c.	6 #5 INTERM.
PGB-5	-2'-0"	16X26	3-#6	3-#6			3 □	@ 12" c/c.	2 #5 INTERM.
PGB-6	-1'-6"	16X18	3-#6	3-#6			3 □	@ 7" c/c.	
PGB-7	-1'-6"	16X18	3-#5	3-#5			3 □	@ 7" c/c.	
PGB-8	-3'-4"	16X16	3-#6	3-#6			3 □	@ 5½" c/c.	
PGB-9	-3'-4"	16X16	3-#5	3-#5			3 □	@ 5½" c/c.	
PGB-10	-3'-4"	16X16	3-#6	3-#6			3 □	@ 4" c/c.	
PGB-11	0'-0"	12X50	3-#6	3-#6•			3 □	@ 12" c/c.	• CONT. 6 #5 INTERM.
PGB-12	0'-0"	16X36	3-#6	3-#6			3 □	@ 10" c/c.	4 #5 INTERM.
PGB-13	-1'-6"	16X18	3-#6	3-#6			3 □	@ 5" c/c.	
PGB-14	-0'-6"	16X30	3-#6	3-#6			3 □	@ 9" c/c.	2 #5 INTERM.

BEAM SCHEDULE

MARK	TOP OF BEAM ELEV	SIZE (IN)	REINFORCING B	T	C	E	STIRRUPS No.	SPACING	REMARKS
TB-1	+9'-0"	8X12	2-#5	2-#5			3 □	4 @ 12" c/c. EA. END BAL. @ 48" c/c.	
2B-1	+8'-3"	8X29	2-#6	2-#6•			3 □	@ 12"c/c.	• CONT. 2 #5 INTERM.
2B-2	+8'-3"	8X29	2-#6	2-#6			3 □	@ 12"c/c.	
2B-3	+8'-3"	8X16	2-#5	2-#6•			3 □	@ 6"c/c.	EXTEND 5'-0" INTO SLAB
2B-4	+8'-3"	8X16	2-#6	2-#5			3 □	@ 6"c/c.	
2TB-1	+8'-3"	8X12	2-#5	2-#5			3 □	4 @ 12" c/c. EA. END BAL. @ 48" c/c.	
2TB-2	+8'-3"	8X16	2-#5	2-#5			3 □	4 @ 12" c/c. EA. END BAL. @ 48" c/c.	
RTB-1	+8'-3"	8X12	2-#5	2-#5			3 □	4 @ 12" c/c. EA. END BAL. @ 48" c/c.	
RTB-2	•	8X24	2-#6	2-#6			3 □	@ 6½"c/c.	• TOP OF BM. TO MATCH 2 #6 INTERMEDIATE.
RTB-3	+9'-0"	8X12	2-#5	2-#5			3 □	4 @ 12" c/c. EA. END BAL. @ 48" c/c.	
RTB-4	+10'-0"	8X22	2-#5	2-#5			3 □	@ 12"c/c.	2 #5 INTERMEDIATE.
RB-1	+17'-1"	8X16	2-#5	2-#5			3 □	@ 6" c/c.	
RB-2	+18'-3"	8X14	2-#6	2-#5			3 □	@ 5½" c/c.	
RB-3	MATCH EXIST.	12X12	3-#5	3-#5			3 □	@ 4" c/c.	• HOOK 18" INTO TC-4
RB-4	MATCH EXIST.	8X12	2-#5	2-#5			3 □	@ 4½" c/c.	
RB-5	MATCH EXIST.	18X12	3-#5	3-#5			3 □	@ 12" c/c.	
RB-6	MATCH EXIST.	28X12	4-#5	4-#5			3 □	@ 12" c/c.	
RB-7	MATCH EXIST.	8X12	2-#6	2-#6			3 □	@ 3½" c/c.	
RB-8	+10'-0"	8X22	2-#5•	2-#5•			3 □	@ 6" c/c.	• CONT. 2 #5 INTERM.
RAKED TB.	VARIES	8X12	2-#5	2-#5			3 □	4 @ 12" c/c. EA. END BAL. @ 48" c/c.	

GENERAL STRUCTURAL NOTES

1. FOUNDATION:
BASED ON THE SUBSURFACE EXPLORATION REPORT MADE BY ARDAMAN & ASSOCIATES THE FOUNDATIONS HAVE BEEN DESIGNED TO BE SUPPORTED BY AUGERCAST CONCRETE PILES AND PIN PILES WITH THE FOLLOWING CAPACITIES:

	AUGERCAST
SIZE	14" DIAMETER
BEARING CAPACITY	30 TONS
TENSION CAPACITY	15 TONS
DEPTH	30 FEET
MINIMUM REINFORCING	4 #5 VERTICAL & #3 ○ HOOPS @ 8" o.c. (THE FULL SIZE OF PILE)

THE CONCRETE GROUT USED TO FORM THE PILES ATTAIN A COMPRESSIVE STRENGTH OF AT LEAST 4000 PSI IN 28 DAYS OR LESS. THE AUGER MAY BE RETRIEVED SLOWLY TO THE GROUND SURFACE AS THE GROUT IS BEING PUMPED. THE AMOUNT OF CONCRETE GROUT USED TO FORM EACH PILE SHOULD BE LARGER THAN THE THEORETICAL PILE VOLUME. AT LEAST THIS CALCULATED VOLUME OF PILE IS TO BE PUMPED PER FOOT OF PILE AS THE AUGER IS RETRIEVED IN ONE FOOT INTERVALS. IF GROUT PUMPING AND/OR AUGER RETRIEVAL OPERATIONS ARE STOPPED AT ANY TIME DURING THE FORMATION OF A GIVEN PILE, THE BORE-HOLE IS TO BE REAUGERED AND THE PILE FORMED ANEW. PILES SHALL NOT BE INSTALLED WITHIN 4 PILE DIAMETERS, OR 5 FEET CENTER TO CENTER, OF A PILE CONSTRUCTED WITHIN THE PREVIOUS 24 HOURS. IF THE CONCRETE LEVEL IN ANY COMPLETED PILE DROPS, THE PILE SHALL BE REJECTED AND REPLACED. IF THERE IS DIFFICULTY IN PLACING THE REINFORCEMENT STEEL IN ANY PILE, THE PILE SHALL BE REDRILLED AND REPLACED. ALL REINFORCEMENT STEEL SHOULD BE FITTED WITH A SPACER AT ITS LOWER TIP TO ALLOW EASIER INSTALLATION INTO THE PILES AND ASSURE ITS CENTERING. ANY MODIFICATION TO THE PROCEDURES IS TO BE APPROVED BY THE GEOTECHNICAL ENGINEER BASED ON OBSERVATIONS DURING PILE INSTALLATION.
PILE INSTALLATION SHALL BE WITNESSED AND LOGGED BY A QUALIFIED GEOTECHNICAL LABORATORY. A FINAL REPORT SIGNED AND SEALED BY A FLA. GEOTECHNICAL ENGINEER MUST BE SUBMITTED TO THE ARCHITECT VERIFYING THAT THE ABOVE REFERENCED PILE CAPACITIES WERE OBTAINED.

2. CONCRETE:
ALL CONCRETE SHALL ATTAIN A MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF 4000 PSI IN 28 DAYS. AGGREGATES TO BE CLEAN AND WELL GRADED. MAXIMUM SIZE TO BE 1". CONCRETE SLUMP 3" MINIMUM TO 5" MAXIMUM. VERTICAL CONCRETE DROP NOT TO EXCEED 6'.

3. CONCRETE COVER
TO BE AS FOLLOWS:

	BOTTOM	TOP	SIDES
GRADE BEAMS	3"	2"	2"
BEAMS	1-1/2"	1-1/2"	1-1/2"
COLUMNS	---	---	1-1/2"
SLABS	1"	3/4"	1"
WALLS	---	---	1-1/2"
GROUND SLAB	1 1/2"	3/4"	1"

4. REINFORCING STEEL:
TO BE NEW HIGH STRENGTH BILLET STEEL DEFORMED AS PER ASTM A-305, AND CONFORMING TO ASTM A-615, GRADE 60. LAP CONTINUOUS BARS 30-BAR DIAMETERS, UNLESS OTHERWISE NOTED IN PLANS. HOOK DISCONTINOUS ENDS OF ALL TOP BARS. REINFORCING STEEL TO BE DETAILED AND FABRICATED IN ACCORDANCE WITH "MANUAL OF STANDARDS PRACTICE OF DETAILING REINFORCING CONCRETE STRUCTURES", AND THE ACI BUILDING CODE 318, LATEST EDITION.

5. MASONRY WALLS:
CONCRETE BLOCK WALLS TO BE ERECTED PRIOR TO PLACING CONCRETE IN ADJACENT BEAMS. ALL CONCRETE BLOCK TO BE GRADE N-1, CONFORMING TO ASTM C-90 WITH A NET PRISM STRENGTH OF 1500 PSI (MINIMUM). PROVIDE No. 9 GAGE LADDER TYPE JOINT REINFORCING AT EVERY OTHER COURSE FOR ALL MASONRY BLOCK WALLS. PROVIDE 1-#5 T & B CORNER BARS AT ALL BEAM INTERSECTIONS, EXTEND 30" INTO BEAMS EACH SIDE.

6. REINFORCED MASONRY
ALL CONCRETE BLOCK TO BE GRADE N-1, CONFORMING TO ASTM C-90 WITH A MINIMUM PRISM STRENGTH (f'm) = 1500 psi. ALL UNITS SHALL BE BUILT TO PRESERVE THE VERTICAL CONTINUITY OF THE CELLS TO BE FILLED, AND MUST MAINTAIN A CLEAR, UNOBSTRUCTED CONTINUOUS VERTICAL CELL MEASURING 2 INCHES BY 3 INCHES MINIMUM. CLEANOUT OPENINGS MUST BE PROVIDED AT ALL CELLS TO BE FILLED. MAXIMUM HEIGHT OF GROUTING LIFTS IS 4'-0". THE VERTICAL REINFORCEMENT MUST HAVE A MINIMUM 48 BAR DIAMETER LAP SPLICE VISIBLE ABOVE THE UPPERMOST CELL WHERE STRUCTURE IS TO CONTINUE VERTICALLY. INTERMEDIATE LAPS IN CONCEALED WALL AREAS ARE NOT PERMITTED. ALL CONCRETE USED FOR GROUTING SHALL BE PEAROCK WITH A COMPRESSIVE STRENGTH OF 3000 psi AT 28 DAYS. SUBMIT MIX DESIGN FOR APPROVAL. MORTAR SHALL BE TYPE M, WITH A MINIMUM STRENGTH OF 2500 psi. MASONARY WALLS SHALL BE REINFORCED HORIZONTALLY EVERY OTHER COURSE WITH 9 GAGE DEFORMED GALVANIZED STEEL TRUSS (LADDER TYPE)

7. PRE-FABRICATED WOOD TRUSSES:
SHALL BE DESIGNED AND FABRICATED IN ACCORDANCE WITH THE TRUSS PLATE INSTITUE (T.P.I.), LATEST EDITION. TRUSSES TO BE ERECTED FOLLOWING THE GUIDELINES OF THE T.P.I. PUBLICATION BWT-76. SUBMIT LAYOUT PLAN AND INDIVIDUAL TRUSS DRAWINGS FOR EACH DIFFERENT TRUSS, SIGNED AND SEALED BY A FLORIDA REGISTERED PROFESSIONAL ENGINEER FOR APPROVAL BY STRUCTURAL ENGINEER PRIOR TO FABRICATION, and shall meet the requirements of the South Fla. Building Code and other relevant codes. FC 3-23-00
DESIGN THE WOOD TRUSSES AND PROVIDE CALCULATIONS FOR THE FOLLOWING TWO LOAD CASES.
1. ROOF GRAVITY: TOP CHORD LIVE LOAD = 30 PSF. TOP CHORD DEAD LOAD = 20 PSF. BOTTOM CHORD DEAD LOAD = 10 PSF.
NOTE: ZERO (0) PER CENT (%) STRESS INCREASE FOR LUMBER AND PLATES.
2. ROOF NET UPLIFT: SEE 2nd FLOOR AND ROOF FRAMING PLAN
NOTE: 33 PER CENT (%) STRESS INCREASE FOR LUMBER AND PLATES.
GENERAL CONTRACTOR TO PROVIDE PERMANENT LATERAL BRACING OF THE BOTTOM CHORD AND THE WEB MEMBERS IN ACCORDANCE WITH RECOMMENDATIONS OF T.P.I. BWT-76 AND THE REQUIREMENTS OF THE INDIVIDUAL TRUSS DESIGNS. SUBMIT PERMANENT BRACING PLAN FOR APPROVAL BY ENGINEER PRIOR TO ERECTION.
GIRDER TRUSSES TO BE BOLTED TOGETHER WITH ½" DIA. BOLTS AT 24" O.C. AT TOP CHORD, BOTTOM CHORD, AND WEB MEMBERS.
GENERAL CONTRACTOR TO SUBMIT SIGNED AND SEALED SHOP DRAWINGS BY A FLORIDA REGISTERED PROFESSIONAL ENGINEER FOR ALL TRUSS TO TRUSS CONNECTIONS.

8. METAL STUDS:
SHALL CONFORM TO THE AMERICAN IRON AND STEEL INSTITUTE (LATEST EDITION) AS FOR FABRICATION, ERECTION AND DETAILING. STEEL STUDS TO BE HOT DIPPED GALVANIZED, WITH G-90 GALVANIZING AS PROVIDE BY DALE IND.
PROVIDE Fy = 33 KSI MINIMUM YIELD STRESS FOR 18, 20, 22, AND 25 GAUGES. PROVIDE Fy = 50 KSI MINIMUM YIELD STRESS FOR 16, 14, AND 12 GAUGES.

10. SHOP DRAWINGS:
NO SHOP DRAWING SHALL BE SUBMITTED FOR ARCHITECT/ENGINEER'S REVIEW UNTIL AFTER THEY HAVE BEEN REVIEWED AND NOTED FOR CONSTRUCTION METHOD, DIMENSIONING, AND OTHER TRADE REQUIREMENTS BY THE CONTRACTOR, AND STAMPED WITH THE CONTACTOR'S APPROVAL SEAL. ENGINEER ASSUMES NO RESPONSABILITY FOR DIMENSIONS, QUANTITIES, ERRORS OR OMISSIONS, AS A RESULT OF CHECKING AND REVIEWING ANY SHOP DRAWINGS. ANY ERRORS OR OMISSIONS MUST BE MADE GOOD BY CONTRACTOR, IRRESPECTIVE OF RECEIPT, CHECKING OR REVIEW OF DRAWINGS BY ENGINEER, AND EVEN THOUGH WORK IS DONE IN ACCORDANCE WITH SUCH SHOP DRAWINGS, and the South Fla. Building Code and other relevant codes. FC 3-23-00

11. GENERAL:
a. IF ANY ERRORS OR OMISSIONS APPEAR IN THE DRAWINGS, SPECIFICATIONS, OR OTHER DOCUMENTS, THE CONTRACTOR MUST NOTIFY THE ARCHITECT AND ENGINEER, IN WRITING, OF THE SAME PRIOR TO PROCCEDING WITH THE WORK IN QUESTION. IN THE EVENT THAT THE CONTRACTOR FAIL TO GIVE NOTICE, OR PROVIDE SUFFICIENT TIME FOR A RESPONSE, CONTRACTOR IS RESPONSIBLE OF SUCH ERRORS OR OMISSIONS, AND FOR ALL COSTS FOR RECTIFYING SAME AND FOR DELAYS OR ANY OTHER COSTS INCURRED BY SAME.
THE CONTACTOR SHALL USE THE STRUCTURAL DRAWINGS TOGETHER WITH THE ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS TO LOCATE DEPRESSED SLABS, SLOPES, DRAINS, OUTLETS, RECESSES, OPENINGS, REGLETS, BOLT SETTINGS, SLEEVES, DIMENSIONS, ETC. POTENTIAL CONFLICTS SHALL BE TRANSMITTED TO THE ARCHITECT AND ENGINEER BEFORE PROCEEDING WITH THE WORK. CONTRACTOR TO PROVIDE ADEQUATE TIME FOR RESPONSE FROM ARCHITECT/ENGINEER.
b. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISPOSAL OF ALL ACCUMULATED WATER FROM EXCAVATION AND DEWATERING OPERATIONS IN SUCH A WAY AS TO NOT CAUSE INCONVENIENCE TO THE WORK AND DAMAGE TO THE STRUCTURAL ELEMENTS.
c. TYPICAL DETAILS AND NOTES ON THESE DRAWINGS SHALL APPLY UNLESS SPECIFICALLY NOTED OTHERWISE. CONSTRUCTION DETAILS AND SECTIONS NOT COMPLETELY SHOWN OR NOTED SHALL BE SIMILAR TO DETAILS AND SECTIONS SHOWN OR NOTED FOR SIMILAR CONDITIONS.
d. TEMPORARY BRACING SHALL BE PROVIDED AS REQUIRED TO HOLD ALL COMPONENTS OF THE STRUCTURE IN PLACE UNTIL FINAL SUPPORT IS SECURELY ANCHORED.
e. THE CONTRACTOR SHALL SUPPLY ALL LABOR, MATERIALS, EQUIPMENT AND SERVICES OF EVERY KIND, INCLUDING WATER AND POWER NECESSARY FOR THE PROPER EXECUTION OF THE PROPER EXECUTION OF THE WORK SHOWN OR INDICATED ON THESE DRAWINGS. ALL MATERIAL SHALL BE NEW MATERIALS AND WORKMANSHIP SHALL BE OF GOOD QUALITY. ALL WORKMEN AND SUBCONTRACTORS SHALL BE SKILLED IN THEIR TRADE.
f. THE CONTRACTOR SHALL ADEQUATELY PROTECT HIS WORK, ADJACENT PROPERTY AND THE PUBLIC, AND BE RESPONSIBLE FOR DAMAGE OR INJURY DUE TO HIS ACT OR NEGLECT.
g. THE PREMISES SHALL BE KEPT FROM ACCUMULATION OF WATER, MATERIALS, AND DEBRIS, AND AT THE END OF THE JOB THE CONTRACTOR SHALL REMOVE ALL RUBBISH, SURPLUS MATERIALS, AND TOOLS AND LEAVE THE BUILDING BROOM CLEAN.
h. THE GENERAL CONTRACTOR SHALL REVIEW ALL PROJECT DOCUMENTS, PRIOR TO FABRICATION AND START OF CONSTRUCTION. REPORTS ANY DISCREPANCIES TO ARCHITECT OR STRUCTURAL ENGINEER PRIOR TO PROCEEDING WITH WORK.
i. NO STRUCTURAL MEMBER SHALL BE CUT, NOTCHED OR OTHERWISE REDUCED IN SIZE OR STRENGTH WITHOUT PRIOR APPROVAL IN WRITING FROM THE STRUCTURAL ENGINEER.
j. THE GENERAL CONTRACTOR SHALL COORDINATE STRUCTURAL AND OTHER DRAWINGS WHICH ARE PART OF THE CONTRACT DOCUMENTS FOR ANCHORED, EMBEDDED OR SUPPORTED ITEMS WHICH MAY AFFECT THE STRUCTURAL DRAWINGS.

12. STRUCTURAL STEEL
SHALL CONFORM TO ASTM A-36, DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH LATEST AISC SPECIFICATIONS. SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION, and shall meet the requirements of the South Fla. Building Code and other relevant codes. FC 3-23-00

13. WOOD MEMBERS
ALL STRUCTURAL WOOD MEMBERS TO BE SAWN LUMBER. DIMENSIONS LUMBER TO BE SOUTHERN PINE WITH A MINIMUM COMMERCIAL GRADE OF NO. 2. DESIGN BENDING STRESS OF Fb = 1200 PSI. ALL WOOD MEMBERS TO BE FREE OF ALL IMPERFECTIONS AS SPLITS, CHECKS, OR EXCESSIVE KNOTS. UNSATISFACTORY MATERIALS TO BE REPLACE AT NO COST TO THE OWNER. ALL MEMBERS IN CONTACT WITH CONCRETE OR EXPOSED TO THE ELEMENTS TO BE PRESSURE TREATED.

14. PRECAST PRESTRESSED CONCRETE
ALL PRESTRESSED CONCRETE MEMBERS SHALL BE DESIGNED, FABRICATED AND ERECTED AS PER SOUTH FLORIDA BUILDING CODE, ACI-318 AND ACI-711. SUBMIT STRUCTURAL SUBMISSIONS FOR OUR REVIEW AS AN INDICATION THAT OUR INTENT HAS BEEN UNDERSTOOD AND THAT THE SPECIFIED CRITERIA HAS BEEN USED. SUBMITTAL SHALL INCLUDE COMPONENT DETAIL, CALCULATIONS AND FABRICATION AND ERECTION DRAWINGS. ALL SUBMITTAL SHALL BEAR THE IMPRESSED SEAL AND SIGNATURE OF THE SPECIALTY ENGINEER WITH FLORIDA REGISTRATION. PRESTRESSED CONCRETE SUPPLIER MUST BE RESPONSIBLE FOR THE INSTALACION OF THE PRESTRESSED CONCRETE MEMBERS AND MUST ALSO HAVE A MINIMUM OF FIVE YEARS OF LOCAL EXPERIENCE IN FABRICATION AND INSTALATION OF SAID MEMBER.

FRANCISCO CUELLO JR. P.E., INC. CONSULTING STRUCTURAL ENGINEER 2 ALHAMBRA CIRCLE SUITE 1102 CORAL GABLES, FL 33134 (305) 567-0125 REG. NO. 40067

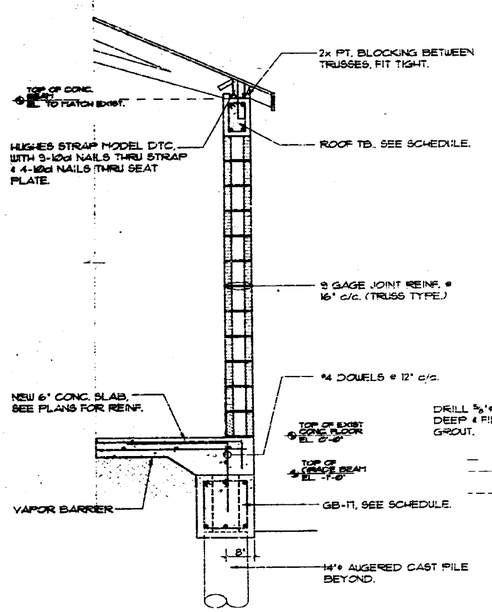
OFFICE COPY
CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY THE FOLLOWING:
BUILDING:
ZONING:
PLUMBING:
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
ENGINEERING:
PUBLIC WORKS:
STRUCTURAL: 4/17/00
ACCESSIBILITY:
ELEVATOR:

PROJECT: DILIDO RESIDENCE
16 WEST DILIDO DRIVE MIAMI BEACH
INCL 99-0442

REVISIONS:

JORGE L. HERNANDEZ
Architect
337 Palermo Avenue, Coral Gables, Florida 33134 (305) 774-0022

DRAWING: SCHEDULES & NOTES
DATE: 01-26-00
SHEET: S-5



SECTION 1 / S-6
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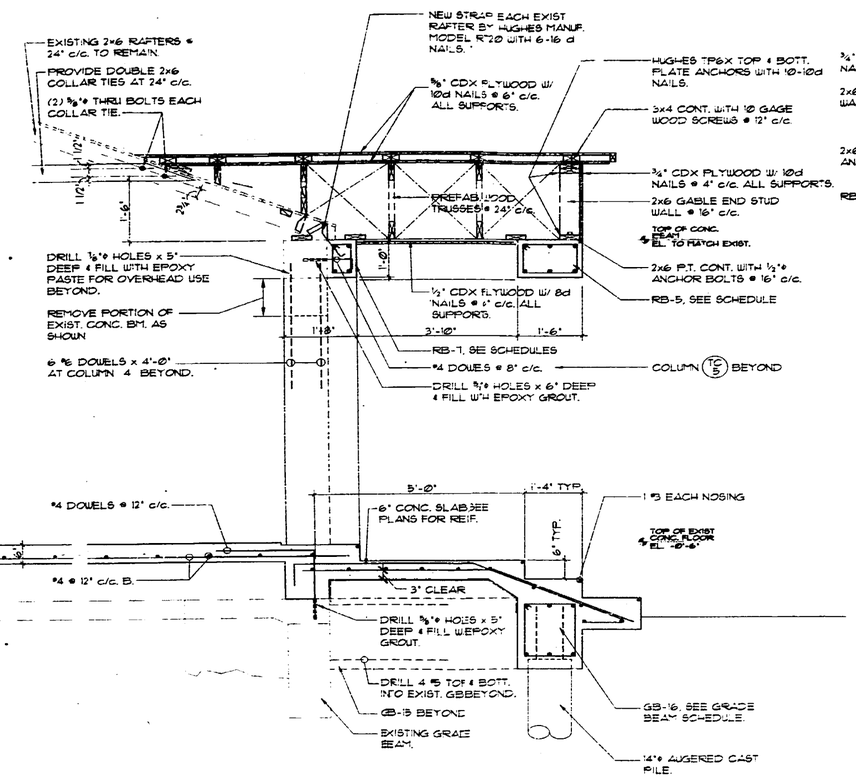

SECTION 2 / S-6
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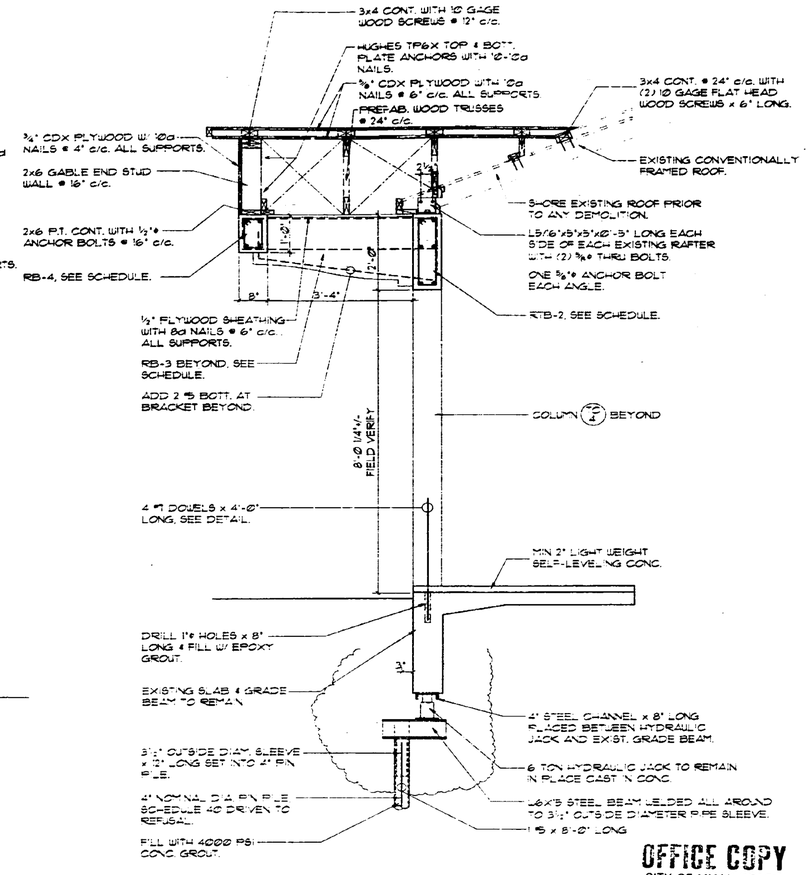

SECTION 3 / S-6
SCALE : 3/4" = 1'-0"

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BUILDING:
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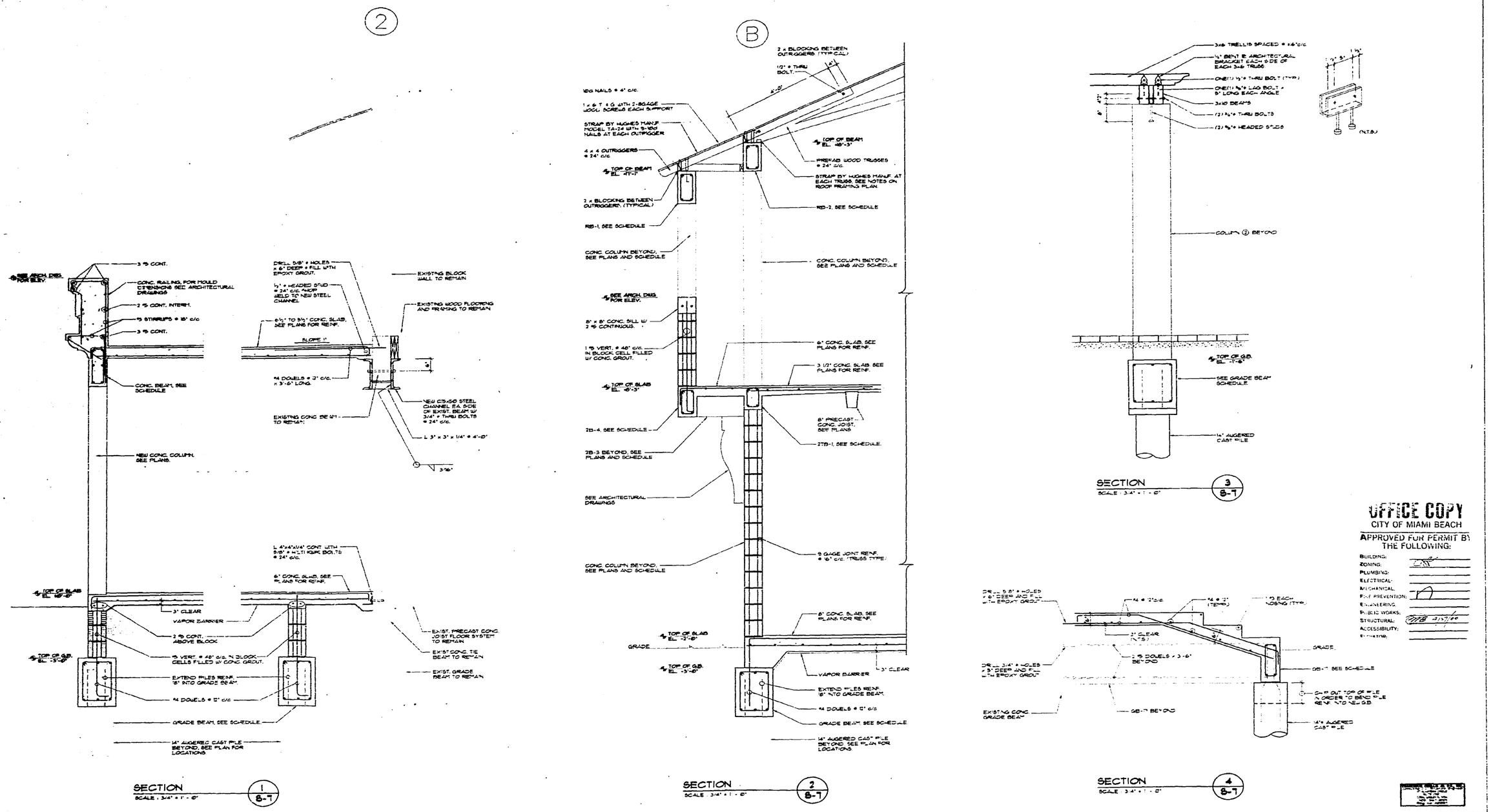
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
ENGINEERING:
PUBLIC WORKS:
STRUCTURAL:
ACCESSIBILITY:
ELEVATOR:

PROJECT: DELIDO RESIDENCE
14 WEST DELIDO DRIVE MIAMI BEACH
NO. 02-0002

REVISIONS:

JORIE L. HERNANDEZ
Architect
FLORIDA REGISTRATION NO. 0001
337 Palma Avenue, Coral Gables, Florida 33134 (305) 774-0022

DRAWING: SECTIONS
DATE: 01-20-00
SHEET: S-6



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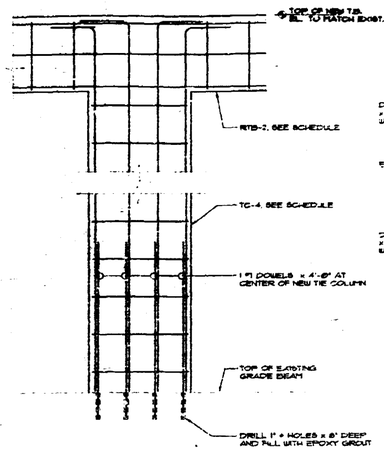
ZONING:
PLUMBING:
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
ENGINEERING:
PUBLIC WORKS:
STRUCTURAL:
ACCESSIBILITY:
ESTIMATING:

PROJECT: DELIDO RESIDENCE
16 WEST DELIDO TR. MIAMI BEACH
NO. 99-0492

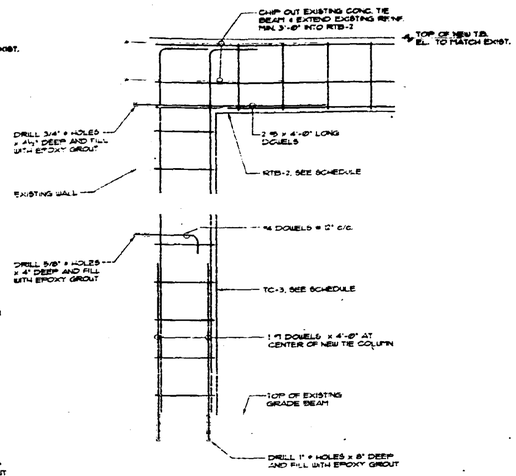
REVISIONS:

JORGE L. HERNANDEZ
Architect
FLORIDA REGISTRATION # 6809
337 Palermo Avenue, Coral Gables, Florida 33134 (305) 774-0022

DRAWING: SECTIONS
DATE: 01-20-00
SHEET: S-7



DETAIL A S-8
SCALE : 3/4" = 1' - 0"



DETAIL B S-8
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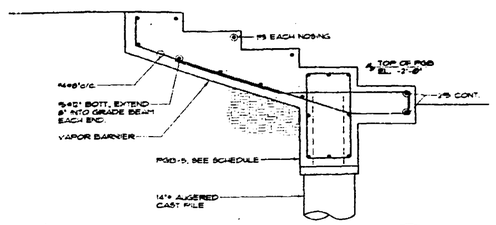

DETAIL C S-8
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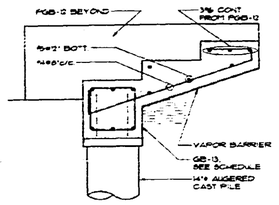

DETAIL D S-8
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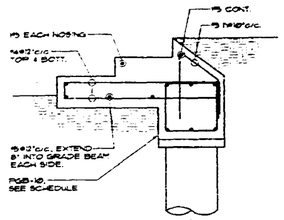

DETAIL E S-8
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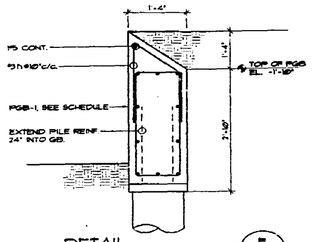

DETAIL F S-8
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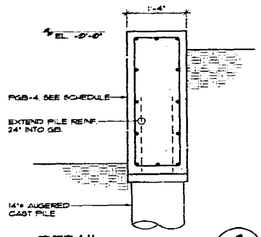

DETAIL G S-8
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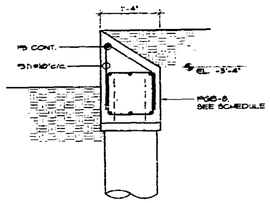

DETAIL H S-8
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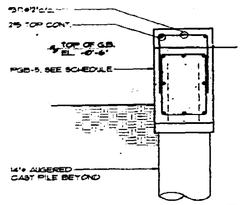

DETAIL J S-8
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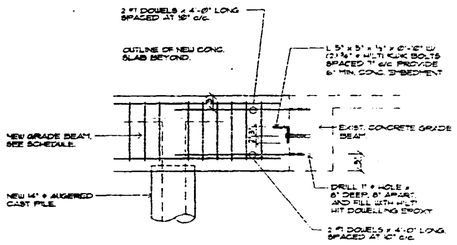

DETAIL K S-8
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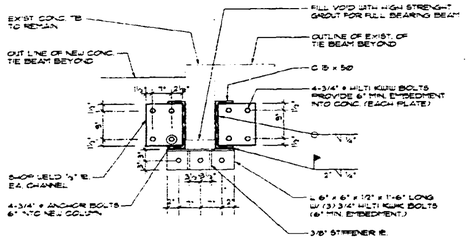

DETAIL L S-8
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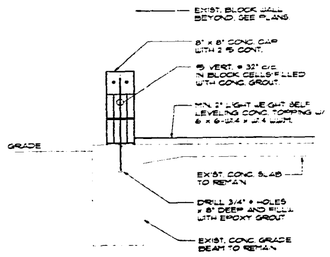
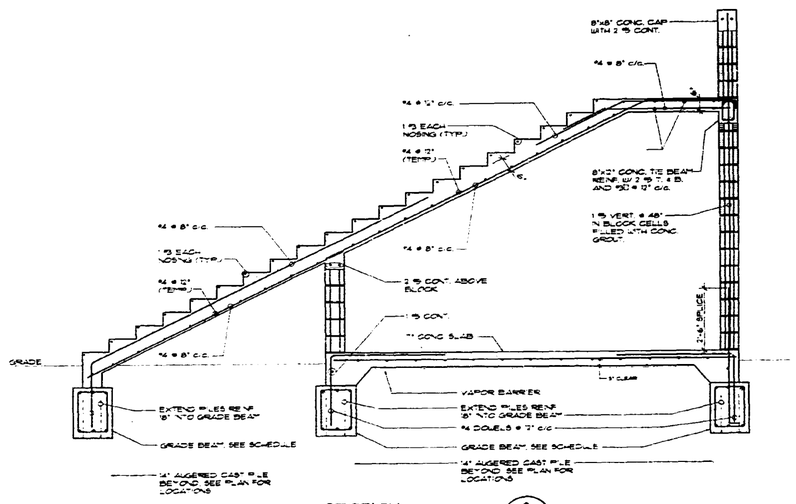


DETAIL 1 S-8
SCALE : 3/4" = 1' - 0"



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

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BUILDING:
ZONING:
PLUMBING:
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
ENGINEERING:
PUBLIC WORKS:
STRUCTURAL:
ACCESSIBILITY:
OTHER:

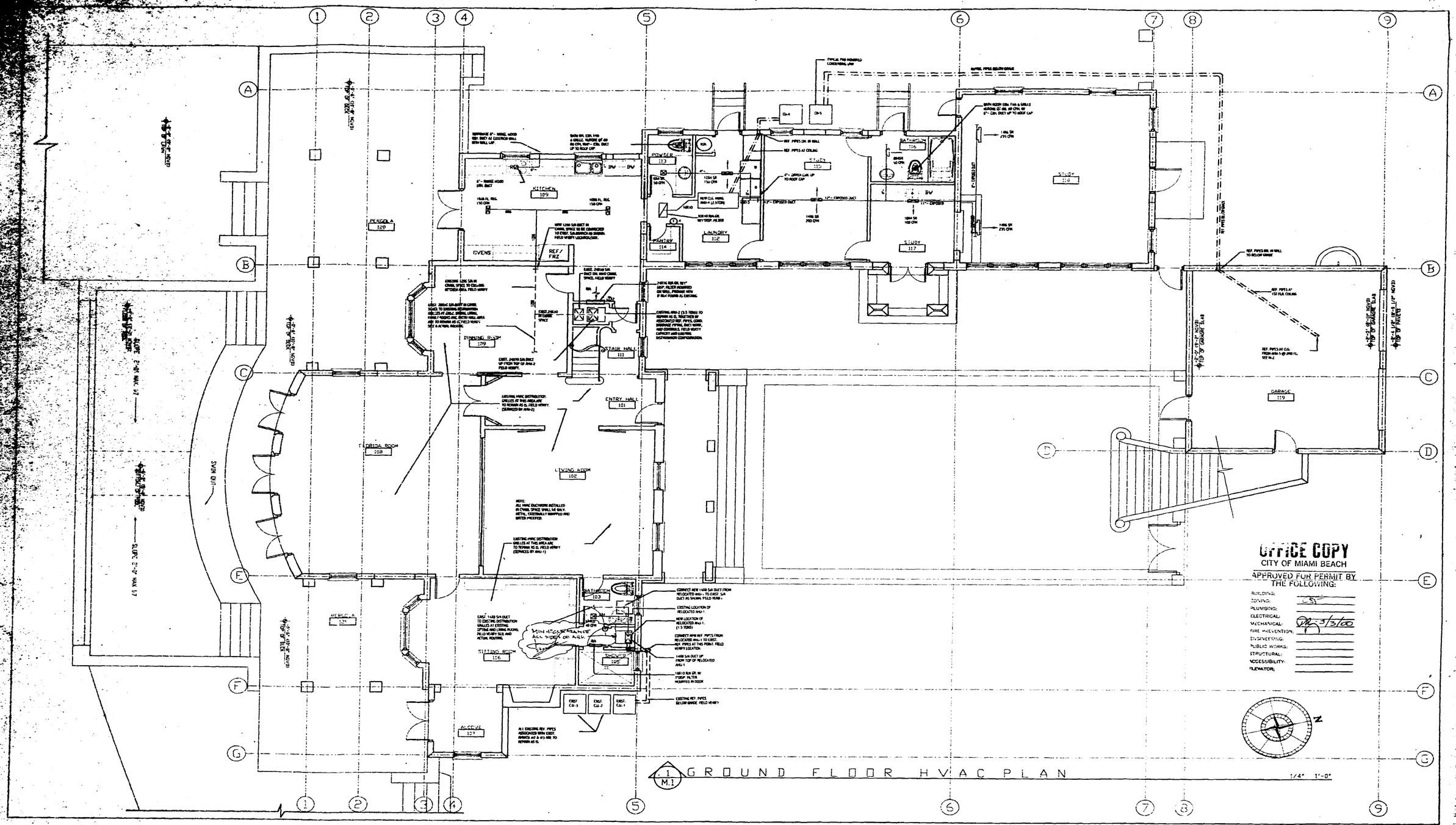
FRANCISCO CUELLO JR. P.E., INC.
CONSULTING CIVIL ENGINEERS
2 LINCOLN PLACE
SUITE 210
MIAMI BEACH, FL 33139
305 534-2523
Reg. No. 4600

PROJECT:
DELIDO RESIDENCE
16 WEST DELIDO DR.
MIAMI BEACH
NO.99-0402

REVISIONS:

JORGE L. HERNANDEZ
Architect
FLORIDA REGISTRATION # 0501
337 Palermo Avenue, Coral Gables, Florida 33134 (305) 774-0022

DRAWING: SECTIONS & DETAILS
DATE: 01-26-99
SHEET: S-8



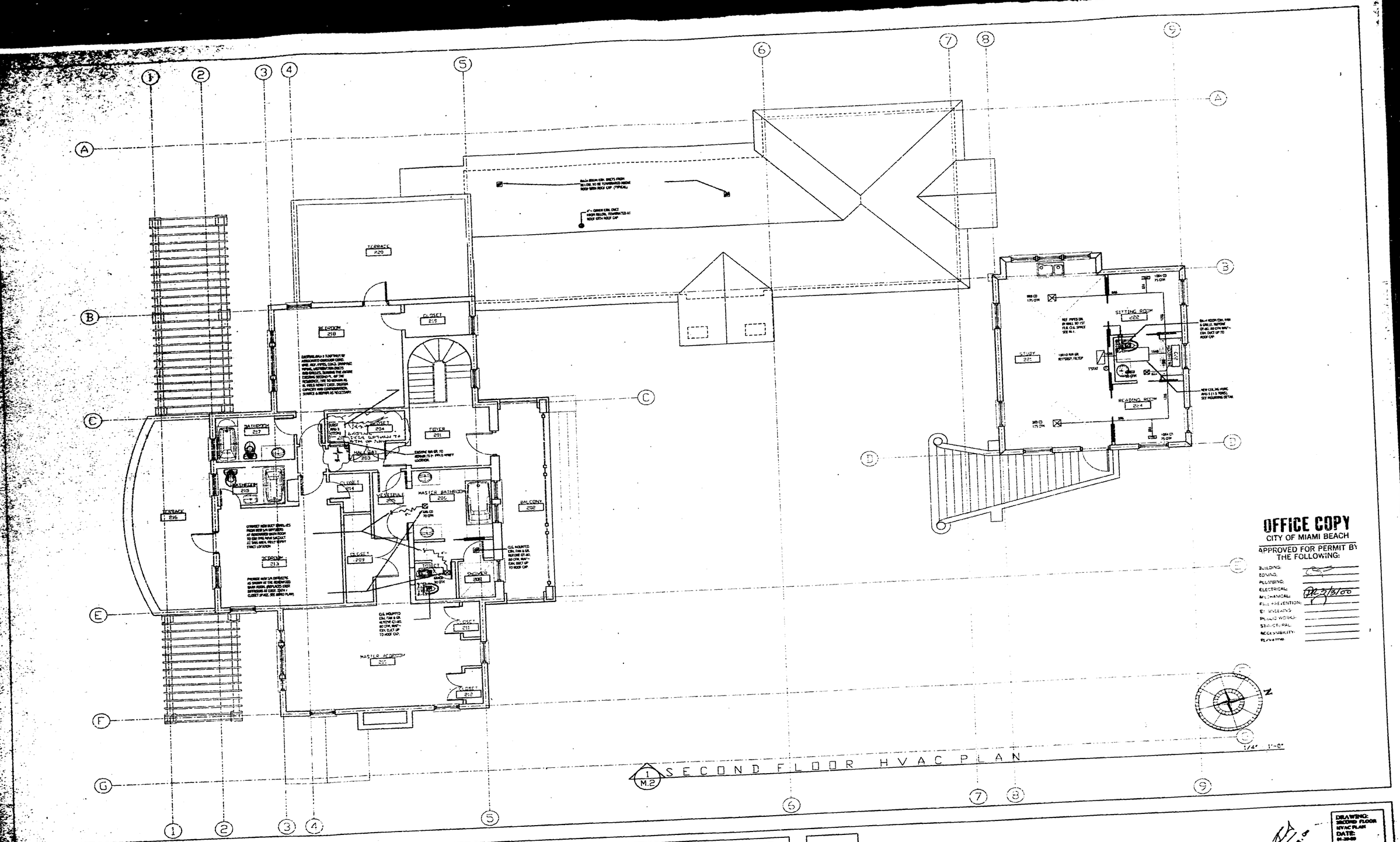
PROJECT: DELGADO RESIDENCE

REVISIONS:

ESI

JORGE L. HERNANDEZ
Architect
337 Palermo Avenue, Coral Gables, Florida 33134 (305) 774-0022

DRAWING: GROUND FLOOR HVAC PLAN
DATE: 01-20-00
SHEET: M-1



SECOND FLOOR HVAC PLAN

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ELECTRICAL:
MECHANICAL: 3/6/00
FIRE PREVENTION:
ENGINEERING:
PUBLIC WORKS:
STRUCTURAL:
ACCESSIBILITY:
ELEVATOR:

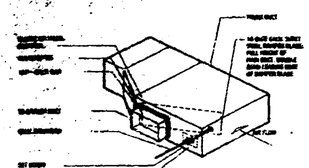
REVISIONS:

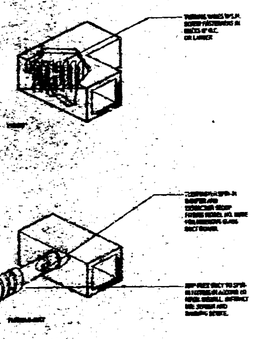
ESI

JORGE L. HERNANDEZ
Architect
FLORIDA REGISTRATION #

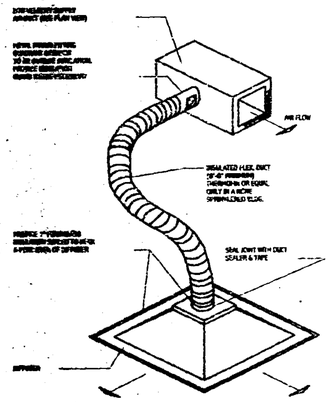
337 Palmetto Avenue, Coral Gables, Florida 33134 (305) 774-6922

DRAWING: SECOND FLOOR HVAC PLAN
DATE: 01-20-00
SHEET: M-2

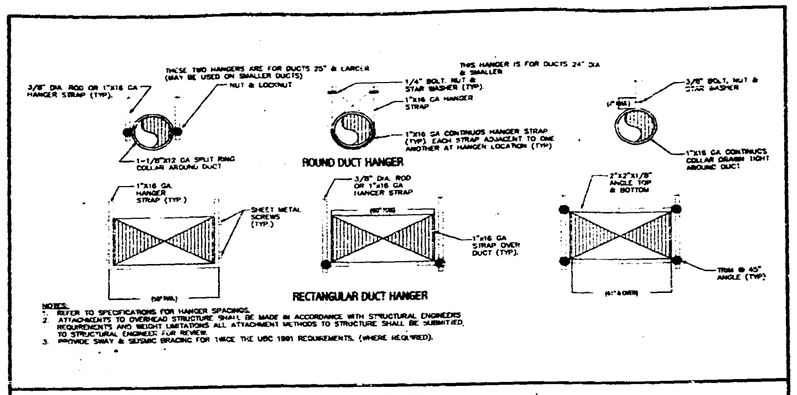




DUCT CONNECTION DETAILS

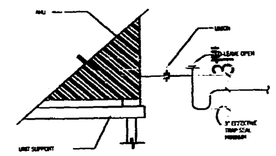


FLEX. DUCT / DIFFUSER CONN. DETAIL



DUCT HANGERS
NOT TO SCALE

HVAC Design Schedule per SFBC "appendix "A"			
HVAC DESIGN REQUIRED	YES	NO	REMARKS
SHOT DAMPER DETECTOR(S)		NO	NOT REQUIRED
FIRE DAMPERS(S)		NO	NOT REQUIRED
SMOKE DAMPER(S)		NO	NOT REQUIRED
FIRE RATED PARTITION	YES		SHAFT
FIRE RATED DOOR/FLOOR COLLAR ASSEMBLY		NO	
FIRE STOPPING	YES		PENETRATIONS THRU RATED PARTIT.
SMOKE CONTROL		NO	



A/C CONDENSATE CONN. DETAIL

H.V.A.C. NOTES

1. ALL WORK SHALL BE AS PER S.F.B.C. AND NFPA

2. ALL HEATING AND AIR CONDITIONING DUCT WORK SHALL BE FIBERGLASS, EMBURA COAT TYPE, AS MANUFACTURED BY OWENS-CORNING, W/BACTERIAL / FUNGAL GROWTH RESISTANCE, TYPE 475 0"THICK AT 1ST FLOOR WITH CONDITIONED SECOND FLOOR SPACE ABOVE, AND TYPE 895 0.5" THICK AT 1ST AND 2ND FLRS. WITH NON-CONDITIONED ATTIC SPACE ABOVE. EXCEPT FOR ALL DUCT WORK ASSOCIATED WITH EXISTING AHU-S AT EXIST. 1ST FLOOR, LOCATED AT EXISTING CRAWL SPACE. ALL DUCTS LOCATED IN CRAWL SPACE SHALL BE GALV. METAL, EXTERNALLY WRAPPED W/R-8 INSULATION, AND WATER PROOFED.

3. DUCT WORK SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS & ACCORDING TO ASHRAE & SMACNA STANDARDS AND IN COMPLIANCE WITH UL 181.

4. DUCT DIMENSIONS ARE IN INCHES AND CORRESPOND TO INSIDE DIMENSIONS WIDTH x HEIGHT. DUCT SYSTEM SHALL COMPLY WITH NFPA STD. NO. 90A AND/OR 90B. DUCTWORK AND MATERIALS SHALL BE CLASS 1 MATERIALS IN ACCORDANCE WITH U.L. 181 TESTS.

5. 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.

6. 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 -	76 DB	98 DB - 79 WB	50% TO 60%
HEATING -	72 DB	45 - DB	

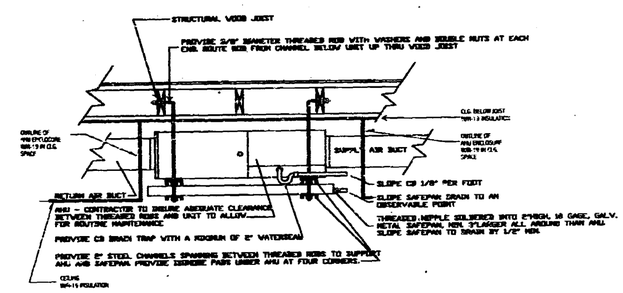
7. ALL TEMPERATURE CONTROLS SHALL BE V/A CENTRAL T'STATS, ONE FOR EACH AHU. ALL T'STATS SHALL BE MOUNTED AT 5'-0" A.F.F.

8. ALL NEW GRILLES AND DIFFUSERS TO BE ALUMINUM CONSTRUCTION. DIFFUSERS SHALL HAVE MORPH OPPOSED BLADE DAMPERS. PROVIDE GASKETS ON ALL GRILLES & DIFFUSERS.

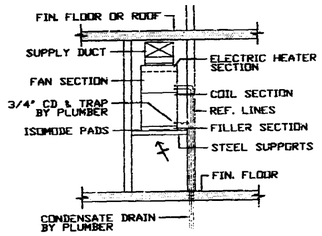
9. ARCHITECT SHALL REVIEW AND APPROVE ALL DIFFUSER TYPES & FINISHES PRIOR TO PURCHASE AND INSTALLATION.

10. ALL AIR HANDLING UNITS SHALL BE PROVIDED WITH NEWTRON AIR FILTERS WITH MICROBAN ADDITIVE "B", ANTI-MICROBIAL FEATURE. FILTERS SHALL BE SELECTED FOR THE SIZE OF EACH AIR HANDLER AND SHALL BE WITH LIFETIME WARRANTY BY THE MANUFACTURER. CBY NEWTRON PRODUCTS COMPANY, CINCINNATI, OH. - 888-543-9490

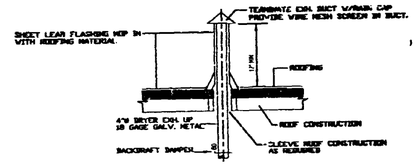
11. CONTRACTOR SHALL FIELD VERIFY/COORDINATE ALL CONDITIONS AND PARAMETERS NOTED AS EXISTING, & SHALL PROVIDE ALL REQUIRED SERVICE & REPAIRS IN ORDER TO ACHIEVE OPTIMUM OPERATING EFFICIENCIES.



AHU MOUNTING DETAIL nts



TYPICAL AIR HANDLING UNIT DETAIL
N.T.S.



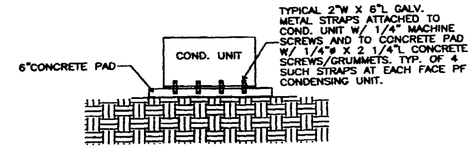
DRYER & BATH EXH. DUCT THRU ROOF DETAIL
N.T.S.

AIR CONDITIONING UNIT SCHEDULE

UNIT NO.	MANUF. MODEL OPERATION OF MOUNTING	U/T NO. CU MODEL	TOTAL CAP. BTU/HR	SENSIBLE CAP BTU/HR	EVAPORATOR AIR FLOW CFM	EVAPORATOR AIR FLOW E.S.P. IN	COND. FLA ∞	OUT. MOTOR FAN FLA	BLOW COIL FLA HP	HEAT KW V ph ∞	COMP. UNIT V ph ∞
AHU - 1 SIZE=4E RELOCATED	EXISTING 1.5 TON (VERTICAL)	CU - 1 EXISTING 1.5 TON	19,000	12,600	600	0.4	9.3	0.33	1.5 / 1/4	3.6 240 1 30	240 1 30
AHU - 2 SIZE=4E	EXISTING 2.5 TON (VERTICAL)	CU - 2 EXISTING 2.5 TON	31,000	20,600	1400	0.6	10.6	1.1	3.4 / 3/4	6.0 240 1 40	240 1 40
AHU - 3 SIZE=2E	EXISTING 3 TON (VERTICAL)	CU - 3 EXISTING 3 TON	36,000	23,000	1,250	0.6	13.3	0.8	3.2 / 1/3	6.0 240 1 35	240 1 35
AHU - 4 SIZE=14 V/R-22A TXV	CARRIER FRAMEWORK (HORIZONTAL)	CU - 4 3RT3A0E0	57,000	31,300	1,800	0.4	14.7	0.73	4.3 / 1/2	6.0 240 1 35	240 1 35
AHU - 5 SIZE=4E	CARRIER FRAMEWORK (HORIZONTAL)	CU - 5 3RT3A0E0	15,000	12,600	600	0.4	9.3	0.33	1.5 / 1/4	3.6 240 1 30	240 1 30

OUTDOOR CONDITIONS: 95°F DB, 75°F WB
INDOOR CONDITIONS: 74°F DB, RELATIVE HUMIDITY = 50%

V - VOLTS
ph - NUMBER OF PHASES
∞ - FUSE AMPS



PAD MOUNTED COND. UNIT DETAIL nts

1. ALL DRYER & BATH ROOM EXH. DUCTS SHALL BE 24 GA. GALV. METAL, EQUIPPED WITH BACKDRAFT DAMPER AND WIRE MESH SCREEN. SEE FLOOR PLANS AND ROOF PLAN FOR ALL TERMINATION POINTS.

2. KITCHEN HOOD EXH. DUCT SHALL BE 18 GA. GALV. METAL, EQUIPPED WITH BACKDRAFT DAMPER AND WIRE MESH SCREEN. SEE FLOOR PLAN FOR TERMINATION POINT.

3. ALL DUCT REINFORCEMENTS SHALL BE PER SMACNA REQUIREMENTS. SEE DUCT HANGER DETAIL ON THIS SHEET.

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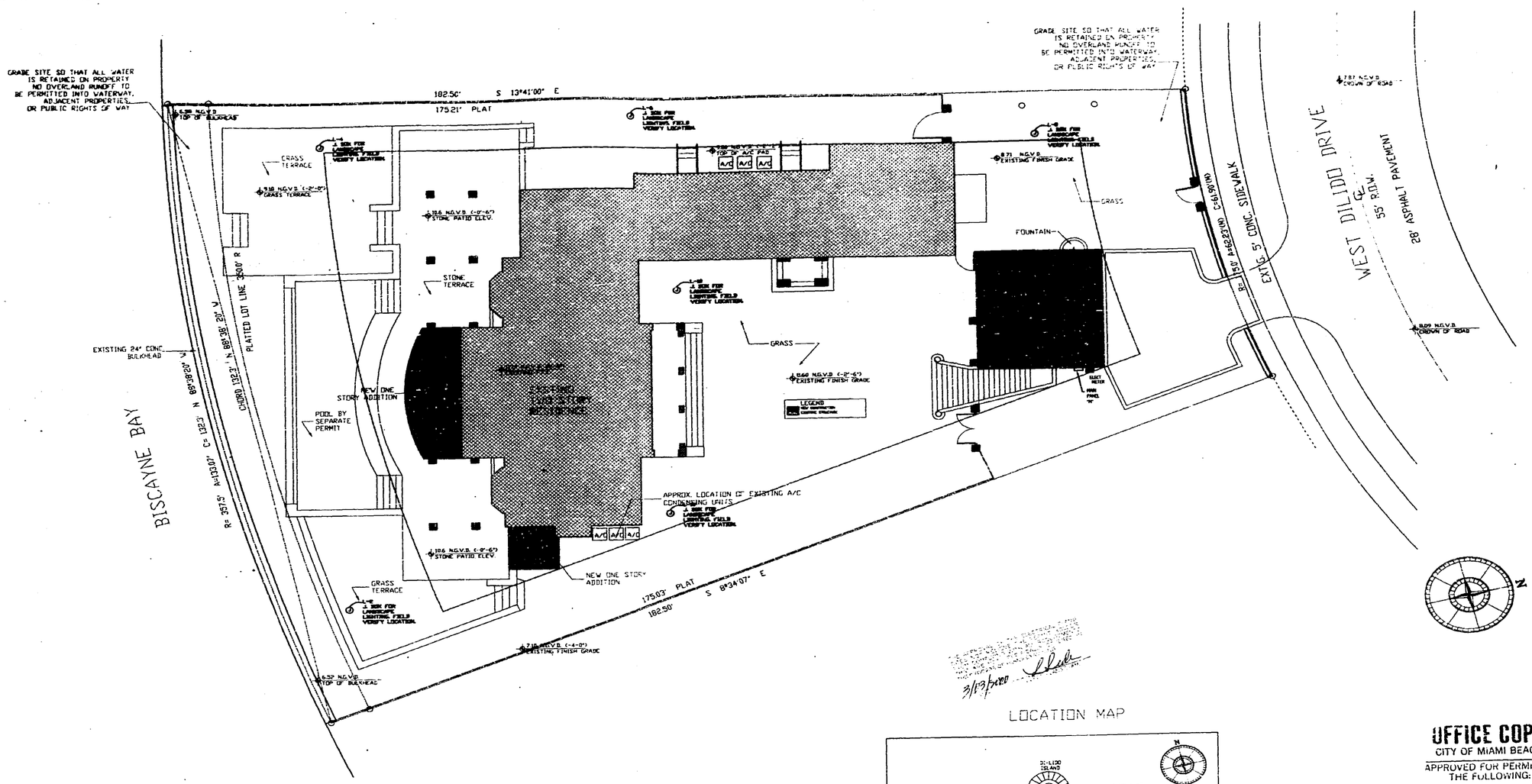
BUILDING:	
ZONING:	
PLUMBING:	
ELECTRICAL:	
MECHANICAL:	3/15/00
FIRE PREVENTION:	
ENGINEERING:	
PUBLIC WORKS:	
STREET DIVISION:	
SEWER DIVISION:	
PARKING:	

REVISIONS:

ESI

JORGE L. HERNANDEZ
Architect
FLORIDA REGISTRATION #7890
337 Palmera Avenue, Coral Gables, Florida 33134 (305) 774-0822

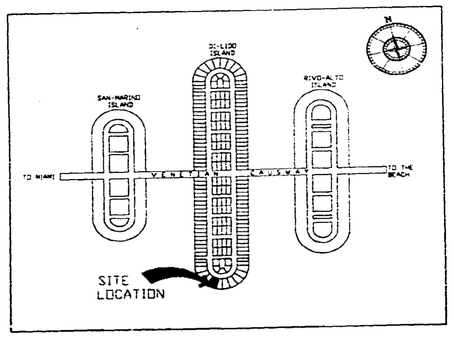
DRAWING: HVAC DETAILS AND NOTES
DATE: 02-28-00
SHEET: M-3



1/8" = 1'-0"

1 E-1 ELECTRICAL SITE PLAN

LOCATION MAP



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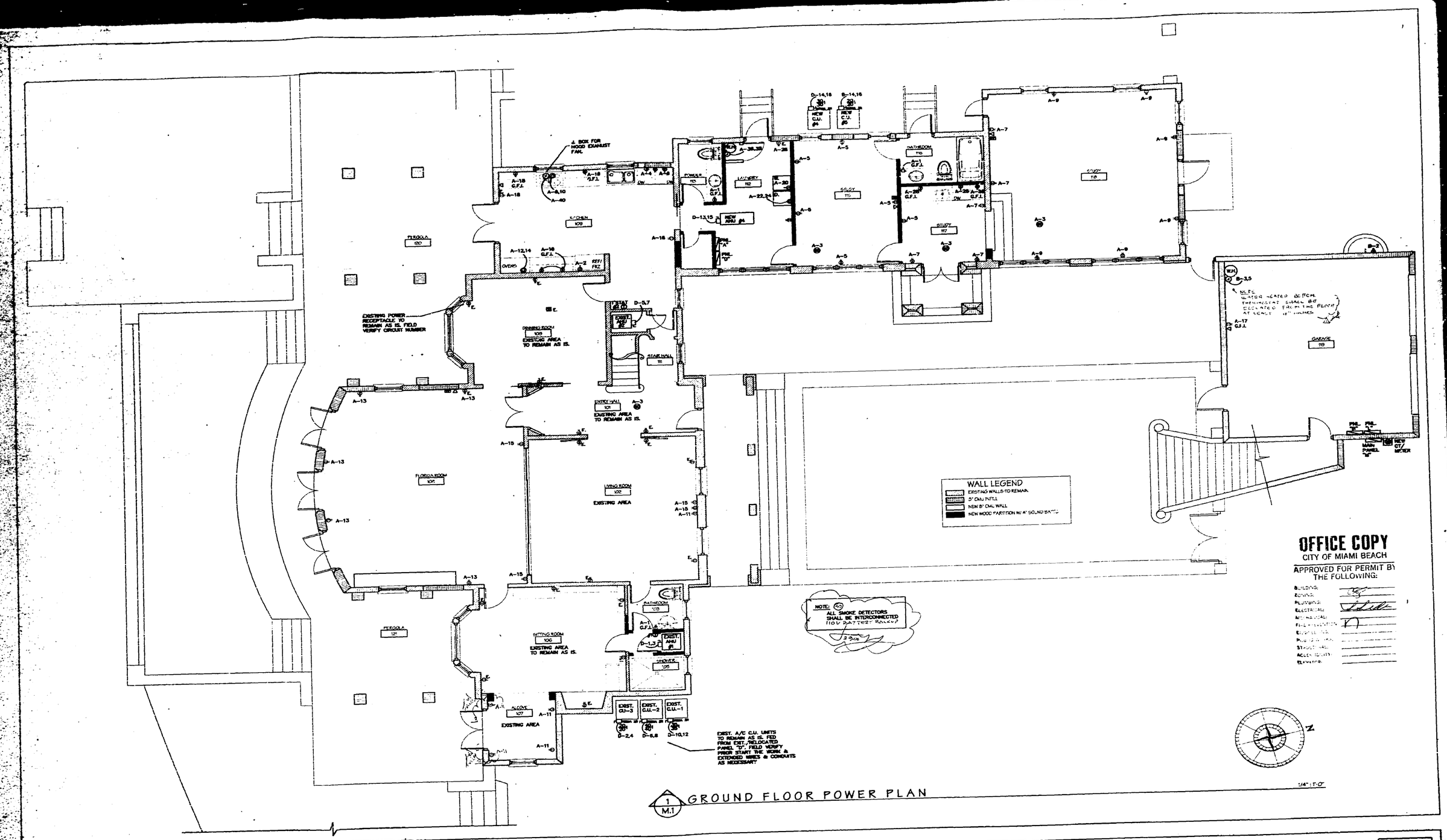
ZONING:
PLUMBING:
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
ENGINEERING:
PUBLIC WORKS:
STRUCTURAL:
ACCESSIBILITY:
ELEVATOR:

REVISIONS:

ESI

JORGE L. HERNANDEZ
Architect
337 Palacio Avenue, Coral Gables, Florida 33134 (305) 774-8822

DRAWING: ELECTRICAL SITE PLAN
DATE:
SHEET: E-1


WALL LEGEND
EXISTING WALLS TO REMAIN
5" CMU INFILL
NEW 5" CMU WALL
NEW WOOD PARTITION W/ 4" SOUND BATTS
NOTE: ALL SMOKE DETECTORS SHALL BE INTERCONNECTED 110V BATTERY BACKUP
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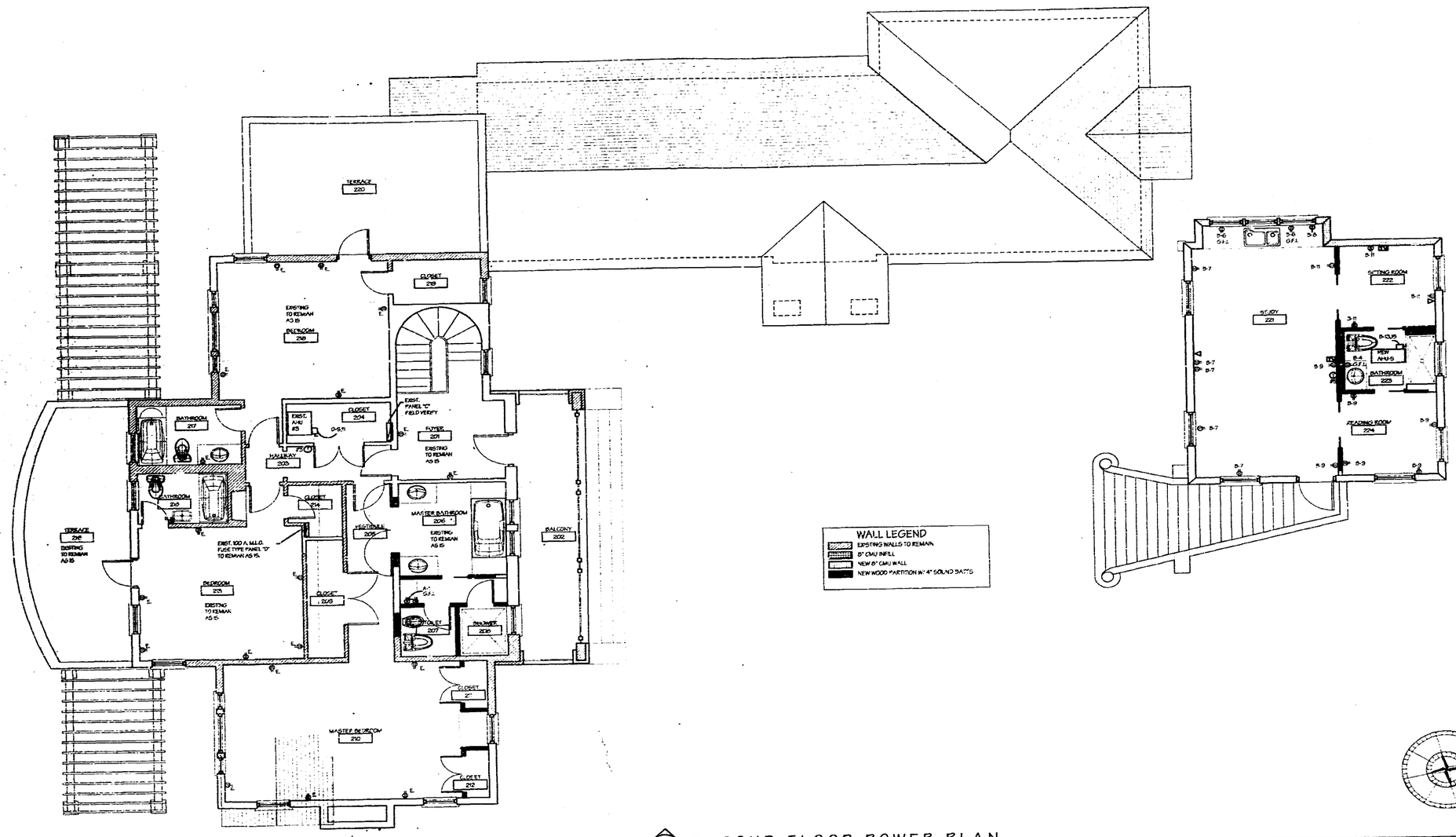
CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY THE FOLLOWING:
BUILDING:
ZONING:
PLUMBING:
ELECTRICAL:
MECHANICAL:
FIRE PROTECTION:
ELEVATOR:
PROJECT:
STRUCTURAL:
ACCESS IN LIEU:
ELEVATION:
EXISTING POWER RECEPTACLE TO REMAIN AS IS. FIELD VERIFY CIRCUIT NUMBER
EXISTING AREA TO REMAIN AS IS.
EXISTING AREA
EXIST. A/C C.U. UNITS TO REMAIN AS IS. FED FROM EXIT./RELOCATED PANEL "D". FIELD VERIFY PRIOR START THE WORK & EXTENDED WIRES & CONDUITS AS NECESSARY.
M.E.P. WATER HEATER BOTTOM THERMOSTAT SHALL BE LOCATED FROM THE FLOOR AT LEAST 18" INCHES
1/4" = 1'-0"
1 M.1 GROUND FLOOR POWER PLAN
JORGE L. HERNANDEZ
Architect
337 Palermo Avenue, Coral Gables, Florida 33134 (305) 774-8022
DRAWING: GROUND FLOOR POWER PLAN
DATE:
SHEET: E-2



WALL LEGEND

- EXISTING WALLS TO REMAIN
- 8" CMU INFILL
- NEW 8" CMU WALL
- NEW WOOD PARTITION W/ 4" SOUND BATTS

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ZONING:
PLUMBING:
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
ENGINEERING:
PUBLIC WORKS:
STRUCTURAL:
ACCESSIBILITY:
PLANNING:

3 / E-3 SECOND FLOOR POWER PLAN

1/4" = 1'-0"

PROJECT: DELANO RENOVATION
[illegible] WEST [illegible] ST.
MIAMI BEACH
[illegible]

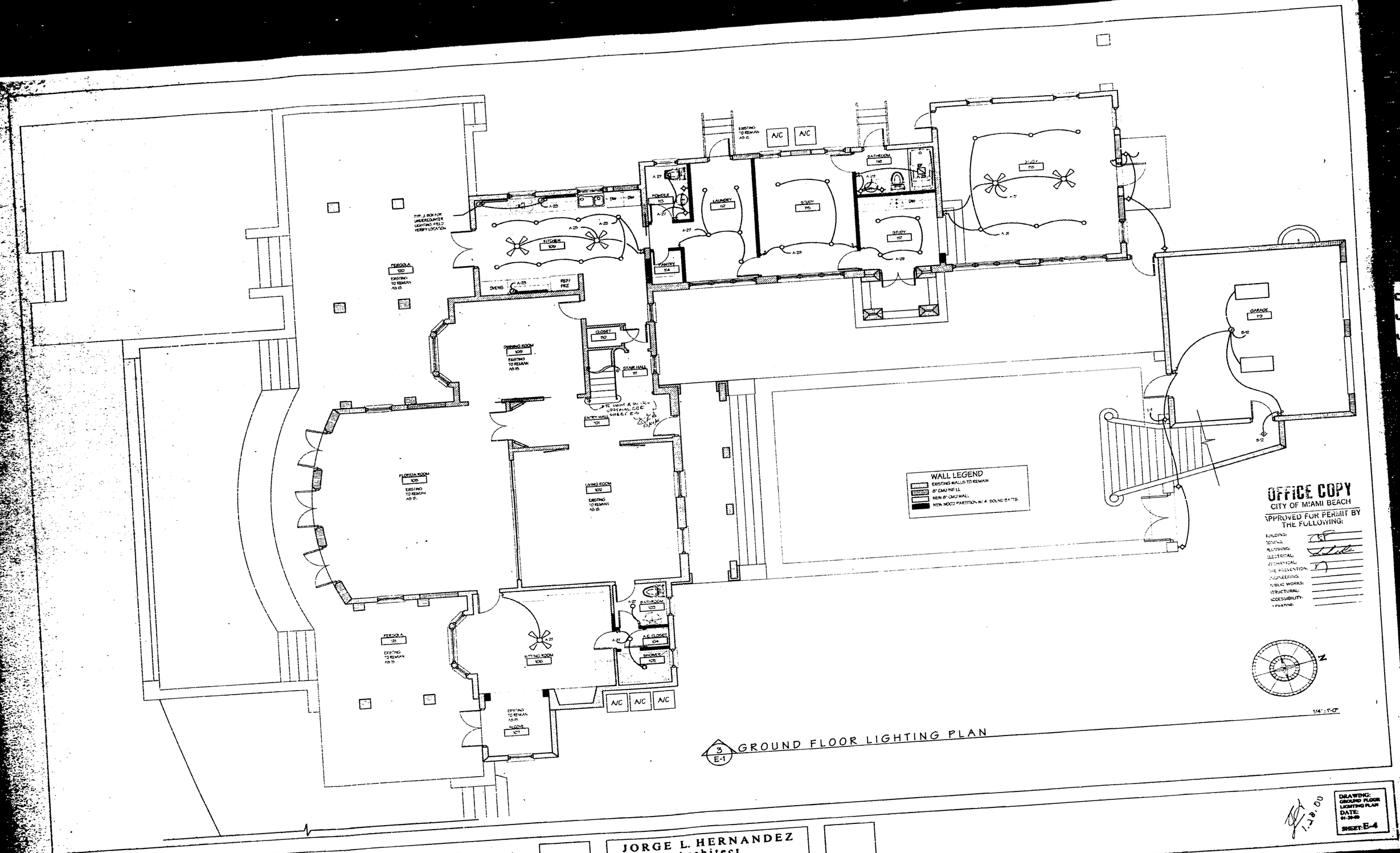
REVISIONS:

ESI

JORGE L. HERNANDEZ
Architect
FLORIDA REGISTRATION # [illegible]
337 Palermo Avenue, Coral Gables, Florida 33134 (305) 774-0022

1.28.00

DRAWING: SECOND FLOOR POWER PLAN
DATE: 01-28-00
SHEET: E-3



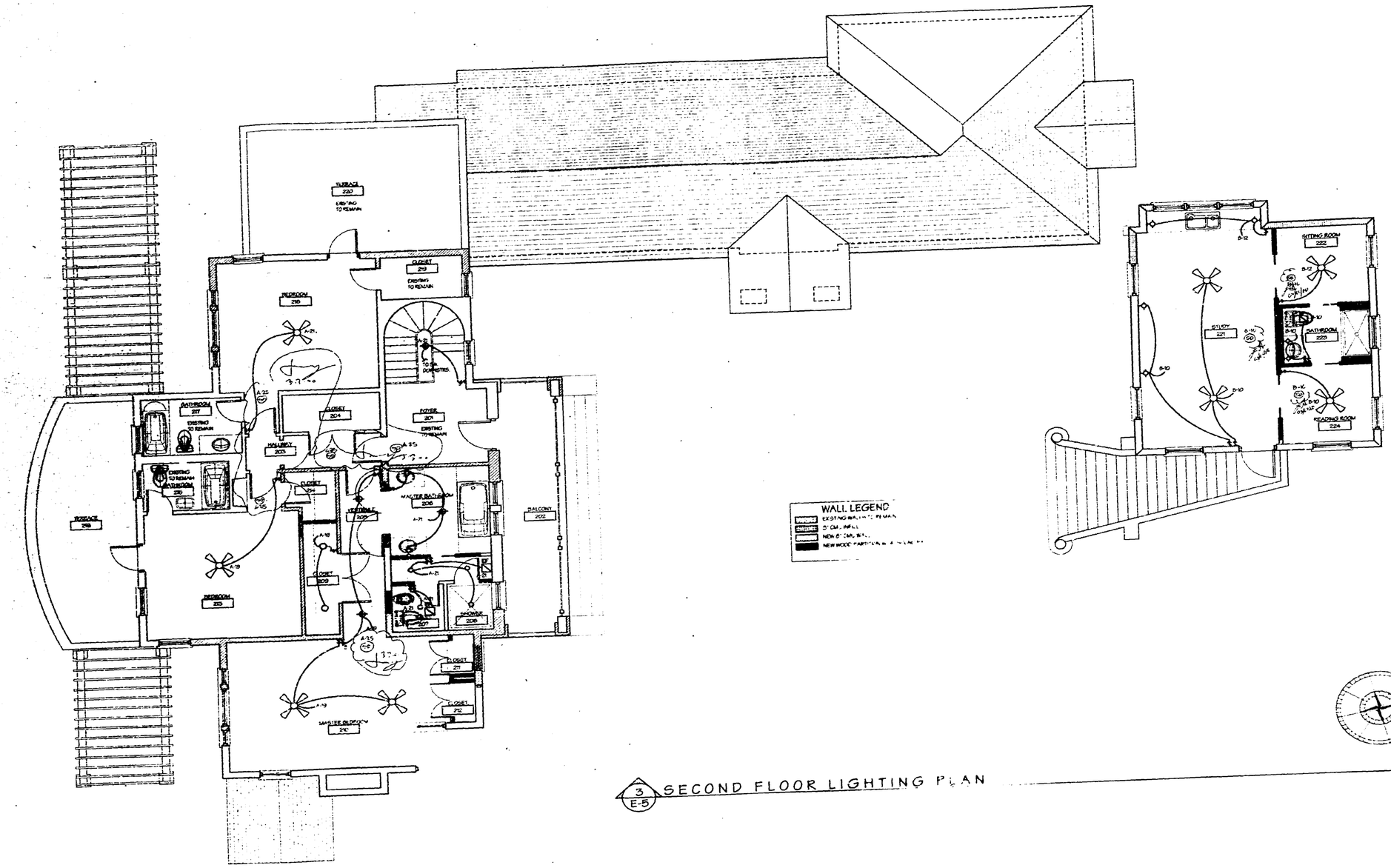
3 E-1 GROUND FLOOR LIGHTING PLAN

JORGE L. HERNANDEZ
Architect
FLORIDA REGISTRATION #
337 Palermo Avenue, Coral Gables, Florida 33134 (305) 774-0022

PROJECT: BELLO RESIDENCE
REVISIONS:

1.28.00

DRAWING: GROUND FLOOR LIGHTING PLAN
DATE: 01-20-00
SHEET: E-4



3
E-5
SECOND FLOOR LIGHTING PLAN

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

PROJECT: DELEO RESIDENCE
REVISIONS:

ESI

JORGE L. HERNANDEZ
Architect
FLORIDA REGISTRATION # 6561
337 Palermo Avenue, Coral Gables, Florida 33134 (305) 774-0022

DRAWING: SECOND FLOOR LIGHTING PLAN
DATE: 01-28-00
SHEET: E-5

PANEL "A"

TYPE G.E.
SERVICE 1Ø,3W
VOLTAGE 120/240

MAIN BUS 200 A
MAINS W/150 A M.C.B.
A.I.C. : 10,000

K/VOLT AMP	POLE	TRIP	CONDUIT	WIRE	REMARKS	CKT. NO.	CKT. NO.	REMARKS	WIRE	CONDUIT	TRIP	POLE	K/VOLT AMP
[illegible]	1	20	1/2"	#12	G.F.I. [illegible] OUTLET	1	2	REFRIGERATOR	#12	1/2"	20	1	1.20
[illegible]					[illegible]/GEN. LIGHTING	3	4	DISHWASHER	#12	1/2"	20	1	1.20
[illegible]					GEN. RECEPTACLE	5	6		#12	1/2"	20	1	1.20
[illegible]						7	8	RANGE	#8	1"	40	2	8.00
[illegible]						9	10						
[illegible]						11	12	OVEN	#8	1"	40	2	8.00
[illegible]						13	14						
[illegible]						15	16	SMALL APPLIANCE	#12	1/2"	20	1	1.50
[illegible]						17	18	SMALL APPLIANCE	#12	1/2"	20	1	1.50
[illegible]					GEN. LIGHTING	19	20	WASHER	#12	1/2"	20	1	1.70
[illegible]						21	22	DRYER	#10	3/4"	30	2	5.00
[illegible]						23	24						
[illegible]						25	26	DISHWASHER	#12	1/2"	20	1	1.20
[illegible]						27	28	SMALL APPLIANCE					1.20
[illegible]						29	30	ICE MAKER					1.20
[illegible]					EXIST. GEN. LTG./REC.	31	32	DISHWASHER					1.20
[illegible]						33	34	SMALL APPLIANCE					1.50
[illegible]						35	36	WATER HEATER	#8	1"	40	2	6.00
[illegible]						37	38						
[illegible]						39	40	HOOD FAN	#12	1/2"	20	1	0.50
[illegible]						41	42	SPARE					

[illegible] TOTAL — TOTAL 36.50

TOTAL LOAD: 54,880 VA --- 226 AMPS.
LOAD CALC.: 1st. 10KVA (100%) --- 10,000 VA
REST (40%) --- 17,680 VA

TOTAL LOAD: 27,680 VA --- 116 AMPS.
FEEDER 3 # 2/0 CU,THV IN 2" CONDUIT

PANEL "B"

TYPE G.E.
SERVICE 1Ø,3W
VOLTAGE 120/240

MAIN BUS 200 A
MAINS M.L.O.
A.I.C. : 10,000

K/VOLT AMP	POLE	TRIP	CONDUIT	WIRE	REMARKS	CKT. NO.	CKT. NO.	REMARKS	WIRE	CONDUIT	TRIP	POLE	K/VOLT AMP
[illegible]	1	20	1/2"	#12	G.F.I. GARAGE RECEP.	1	2	DED. CIRCUIT	#12	1/2"	20	1	1.20
4.50	2	30	1/2"	#12	WATER HEATER	3	4	G.F.I. BATH OUTLET					0.36
						5	6	SMALL APPLIANCE					1.50
[illegible]	1	20	1/2"	#12	GEN. RECEPTACLE	7	8	DEDICATED CIRCUIT					1.00
[illegible]	1	20	1/2"	#12	GEN. RECEPTACLE	9	10	GEN. LIGHTING					1.20
[illegible]	1	20	1/2"	#12	GEN. RECEPTACLE	11	12	GEN. LIGHTING					0.60
5.40	2	35	3/4"	#8	A/C AHU #5	13	14	A/C CU #5	#12	1/2"	20	2	2.70
						15	16						
					SPARE	17	18	SPARE					1.00
						19	20						
						21	22						
						23	24						
						25	26						
						27	28						
						29	30						

13.00 TOTAL — TOTAL 6.46

TOTAL LOAD: 19,300 VA --- 83 AMPS.
LOAD CALC.: A/C LOAD (100%) --- 5,400 VA
1st. 10KVA (100%) --- 10,000 VA
REST (40%) --- 1,768 VA

TOTAL LOAD: 17,248 VA --- 72 AMPS.
FEEDER 3#2 CU,THV IN 1 1/2" COND.

PANEL "M"

MAIN DIST. PANEL NEMA 3R

TYPE G.E.
SERVICE 1Ø,3W
VOLTAGE 120/240

MAIN BUS 600 A
MAINS M.C.B.
A.I.C. : 42,000

K/VOLT AMP	POLE	TRIP	CONDUIT	WIRE	REMARKS	CKT. NO.	CKT. NO.	REMARKS	WIRE	CONDUIT	TRIP	POLE	K/VOLT AMP
27.68	2	150	2"	#2/0	PANEL "A"	1	2	PANEL "B"	#2	1 1/2"	100	2	17.28
						3	4						
31.66	2	150	2"	#2/0	PANEL "L"	5	6	PANEL "D"	#4/0	2 1/2"	200	2	45.21
						7	8						
					SPACE	9	10	SPACE					
					SPACE	11	12	SPACE					

TOTAL LOAD: 121,830 VA --- 507 AMPS.
FEEDER 2 SETS OF 3 # 350 MCM CU,THV IN 3" CONDUIT

PANEL "L"

TYPE G.E.
SERVICE 1Ø,3W
VOLTAGE 120/240

MAIN BUS 200 A
MAINS M.L.O.
A.I.C. : 10,000

K/VOLT AMP	POLE	TRIP	CONDUIT	WIRE	REMARKS	CKT. NO.	CKT. NO.	REMARKS	WIRE	CONDUIT	TRIP	POLE	K/VOLT AMP
2.00	2	20	1/2"	#12	POOL EQUIPMENT	1	2	LANDSCAPE LTG.	#12	1/2"	20	1	1.20
						3	4						0.36
1.00	1	20	1/2"	#12	POOL LIGHTS	5	6						1.50
1.50	1	20	1/2"	#12	UTILITY OUTLET	7	8						1.00
1.50	1	20	1/2"	#12	UTILITY OUTLET	9	10						1.20
10.00					SPARE	11	12						0.60
						13	14	SPARE					10.00
						15	16						
						17	18						
						19	20						
						21	22						
						23	24						
						25	26						
						27	28						
						29	30						
						31	32						
						33	34						
						35	36						
						37	38						
						39	40						
						41	42						

16.00 TOTAL — TOTAL 15.86

TOTAL LOAD: 31,860 VA --- 132 AMPS.
FEEDER 3 # 2/0 CU,THV IN 2" COND.

PANEL "D"

EXIST./RELOCATED

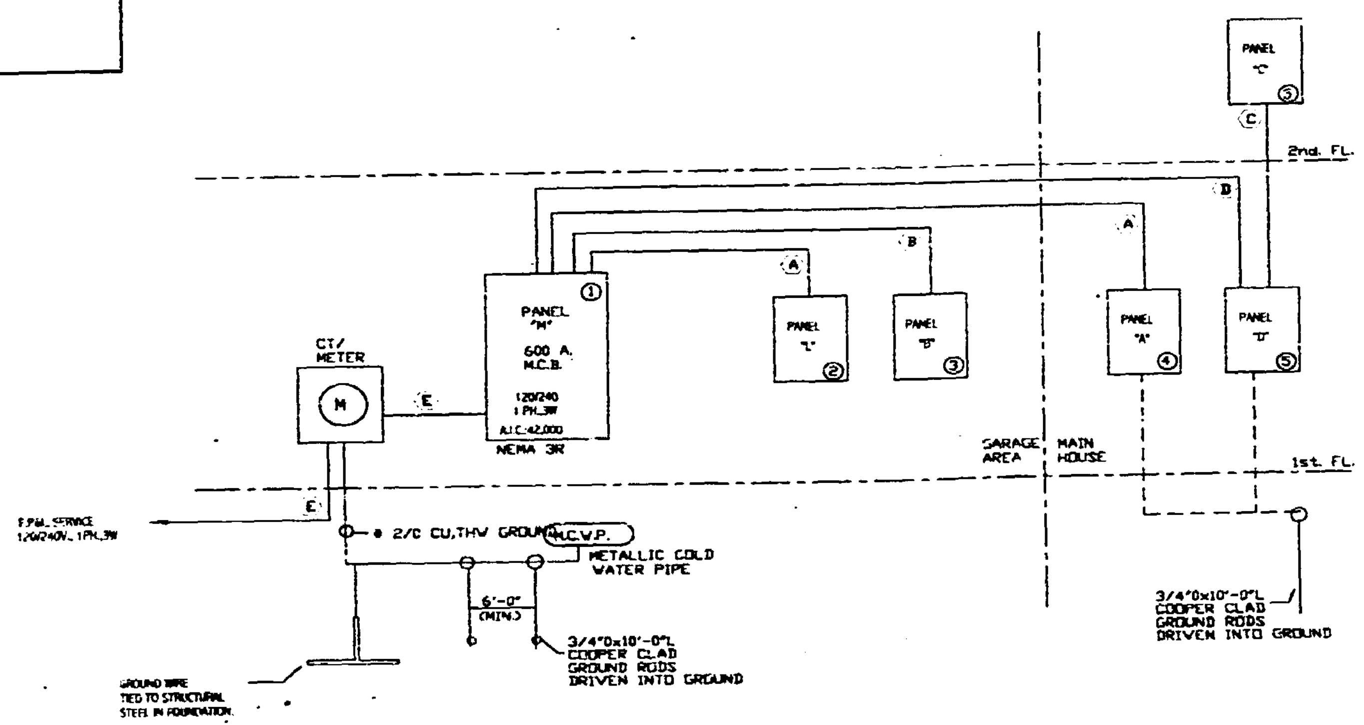
TYPE G.E.
SERVICE 1Ø,3W
VOLTAGE 120/240

MAIN BUS 225 A
MAINS M.C.B.
A.I.C. : 10,000

K/VOLT AMP	POLE	TRIP	CONDUIT	WIRE	REMARKS	CKT. NO.	CKT. NO.	REMARKS	WIRE	CONDUIT	TRIP	POLE	K/VOLT AMP
5.40	2	35	3/4"	#8	A/C AHU # 1	1	2	A/C C.U. # 1	#12	1/2"	20	2	2.71
						3	4						
9.56	2	50	1"	#6	A/C AHU # 2	5	6	A/C CU # 2	#8	3/4"	40	2	6.02
						7	8						
6.56	2	50	1"	#6	A/C AHU # 3	9	10	A/C C.U. # 3	#8	3/4"	35	2	4.63
						11	12						
9.21	2	50	1"	#6	A/C AHU # 4	13	14	A/C C.U. # 4	#10	3/4"	30	2	3.71
						15	16						
12.00	2	60	1"	#6	EXIST. PANEL "C"	17	18	SPARE					
						19	20						
					SPARE	21	22						
						23	24						
						25	26						
						27	28						
						29	30						
						31	32						
						33	34						
						35	36						
						37	38						
						39	40						
						41	42						

TOTAL LOAD: 45,207 VA --- 188 AMPS.
FEEDER 3 # 4/0 CU,THW IN 2 1/2" CONDUIT

LOAD CALCULATION ARE BASED ON A/C HEATING MODE (AHU UNITS LOADS)



① 600 A. M.C.B. PANEL "M" 120/240V, 1 PH., 3W A.I.C.42,000. NEMA 3R

② 200 A. M.L.O. PANEL "L" 120/240V, 1 PH., 3W A.I.C.10,000.

③ 200 A. M.L.O. PANEL "B" 120/240V, 1 PH., 3W A.I.C.10,000

④ 200 A. PANEL "A" W/150 A. M.C.B. 120/240V, 1 PH., 3W A.I.C.10,000

⑤ EXIST./RELOCATED 225 A. M.C.B. PANEL "D" 120/240V, 1 PH., 3W A.I.C.10,000

⑤ EXIST. 100 A. M.L.O. PANEL "C" 120/240V, 1 PH., 3W A.I.C.10,000 FUSE TYPE PNL. TO REMAIN

A 3 # 2/0 CU,THW IN 2" CONDUIT
B 3 # 2 CU,THW IN 1 1/2" CONDUIT
C 3 # 6 CU,THW IN 1" CONDUIT
D 3 # 4/0 CU,THW IN 2 1/2" COND.
E 2 SETS OF 3 # 350 MCM CU THW IN 3" CONDUIT

ELECTRICAL RISER DIAGRAM

ELECTRICAL NOTES

1. General
   A. All work performed under this contract shall comply with all national, state and local codes having jurisdiction and with, the requirements of the utility companies whose services shall be used. All modifications required by these codes shall be made by this contractor without additional charge.
   B. Drawings: Refer to all drawings for coordination of the electrical work.
   C. Arrange and pay for all permits, licenses, inspections and tests. Obtain the required certificates and present to owner.
   D. Guarantee: The completed installation shall be fully guaranteed against defective materials and/or improper workmanship for minimum of one year for material and labor.
2. Contractor is directed to review the building plans and specifications for limitations of constructions, identifications of materials and products, definition of workmanship. This contractor shall include his bid proposal all costs necessary for a complete and operational installation and shall visit the job site prior to a bid date.
3. Contractor needs to establish a field liason with project supervisor, prior to commencing work.
4. All required insurance shall be provided for protection against public liability and property damage for duration of the work.
5. It shall not be the intent of these plans and/or specifications to show every minor detail of construction. The electrical contractor shall be expected to furnish and install all items for a complete electrical system and provide all requirements necessary for equipment to be placed in proper working order.
6. Electrical contractor shall not scale drawings. Contractor shall refer to architectural plans and elevations for exact locations of all equipment unless otherwise noted.
7. All conduit runs are shown diagrammactically. Exact routing shall be determined in the field, unless otherwise noted.
8. Electrical contractor shall visit the job site and verify all conditions, locations, dimensions and counts as shown and/or noted on the drawings. This shall include any and all fabrications prior to installations.
9. As a minimum, all equipment shall meet applicable standards, for the type of equipment and intended use, of the following:
   a. American National Standards Institute (ASTM).
   b. Illuminating Engineers Society (IES).
   c. American Society for Testing and Materials (ASTM)
   d. National Electrical Manufacturer's Association (NEMA).
   Note: These standards are subordinate to codes, and standards set by UL.
10. All electrical equipment, devices, wire, ect. shall be listed, for the intended use, with Underwriter laboratories, Inc. (UL), where standards have been established by UL.
11. As-built drawings shall be furnished to the owner upon completion of work.
12. Wiring devices to be spec. grade.
13. Where more than one devices is indicated at any location, these shall be ganged under one common cover plate.
14. Contractor shall coordinate with electric and telephone utility for service entrance location and any other requirements.
15. All connections to ground rods shall be made with UL approved welded connections, unless noted otherwise.
16. Provide a fuse holder and fuse in the primary side of each ungrounded conductor for all ballasts.
17. Unless noted as existing, all equipment, wiring, devices, etc. shall be new.
18. Contractor shall guarantee all materials and workmanship free from defects for a period of not less than (1) year from date of acceptance, unless indicated of specified otherwise.
19. Correction of any defects shall be completed without additional charge and shall include replacement or repair of any other phase of the installation which may have been damaged thereby.
20. Electrical contractor shall provide temporary service for use of all trades as required for construction.
21. Temporary wiring to be removed by contractor.
22. Electrical contractor shall verify requirements, exact location and type or outlet for all electrical fixtures, appliances and equipment.
23. Shop drawings: Coordinate with owner or architect.
24. All wiring to have 600 volt insulation, type TW, THW, THWN, for branch circuits and type THW, THN for main feeders or as specified.
25. Design is based on copper conductor. Wire size #10 and smaller type "TW", wire size #8 and larger type "THW" or as specified.
26. Wire ways shall be sized as required, per NEC, unless otherwise noted.
27. All feeder, subfeeder and branch circuits shall be properly phase balanced.
28. All conductors shall be in conduits. All conduits shall be intermediate (IMC) or rigid galvanized steel (RGS) except that: (a) poly vinyl chloride (PVC) conduits may used in concrete slabs at underground provided elbows and riser are RGS; (b) electrical metallic tubing (EMT) may be used in or on walls or ceilings where not subject to mechanical damage, damp conditions or corrosive conditions; (c) liquid tight flexible conduits where required; (d) flexible metallic conduit where required in dry locations. All conduit hazardous areas (per NEC) shall meet the requirements of NEC Chapter.
29. Apply bitumastic coating to all metallic conduits in slabs or underground.
30. Electrical contractor shall verify circuit protective device rating for equipment prior to construction.
31. Provide fuse recommended by equipment manufacturer.
32. Furnish and install disconnect switches and wiring for air conditioning systems as per manufacturer recommendations. Controls are to be supplied by air conditioning contractor.
33. Install power and control wiring and required control components for air condition systems as shown/noted on these drawings and per other applicable drawings/instructions see A/C drawings.
34. Electrical contractor to run control wires for HVAC system as per HVAC drawings.
35. No conduits to be run in ductwork.
36. All electrical wiring must be in conduit (no Romex, BX, etc. is permitted unless specific permission is obtained from owner, engineering or local inspector).

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PLUMBING:
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
ENGINEERING:
PUBLIC WORKS:
STRUCTURAL:
ACCESSIBILITY:
ELEVATOR:

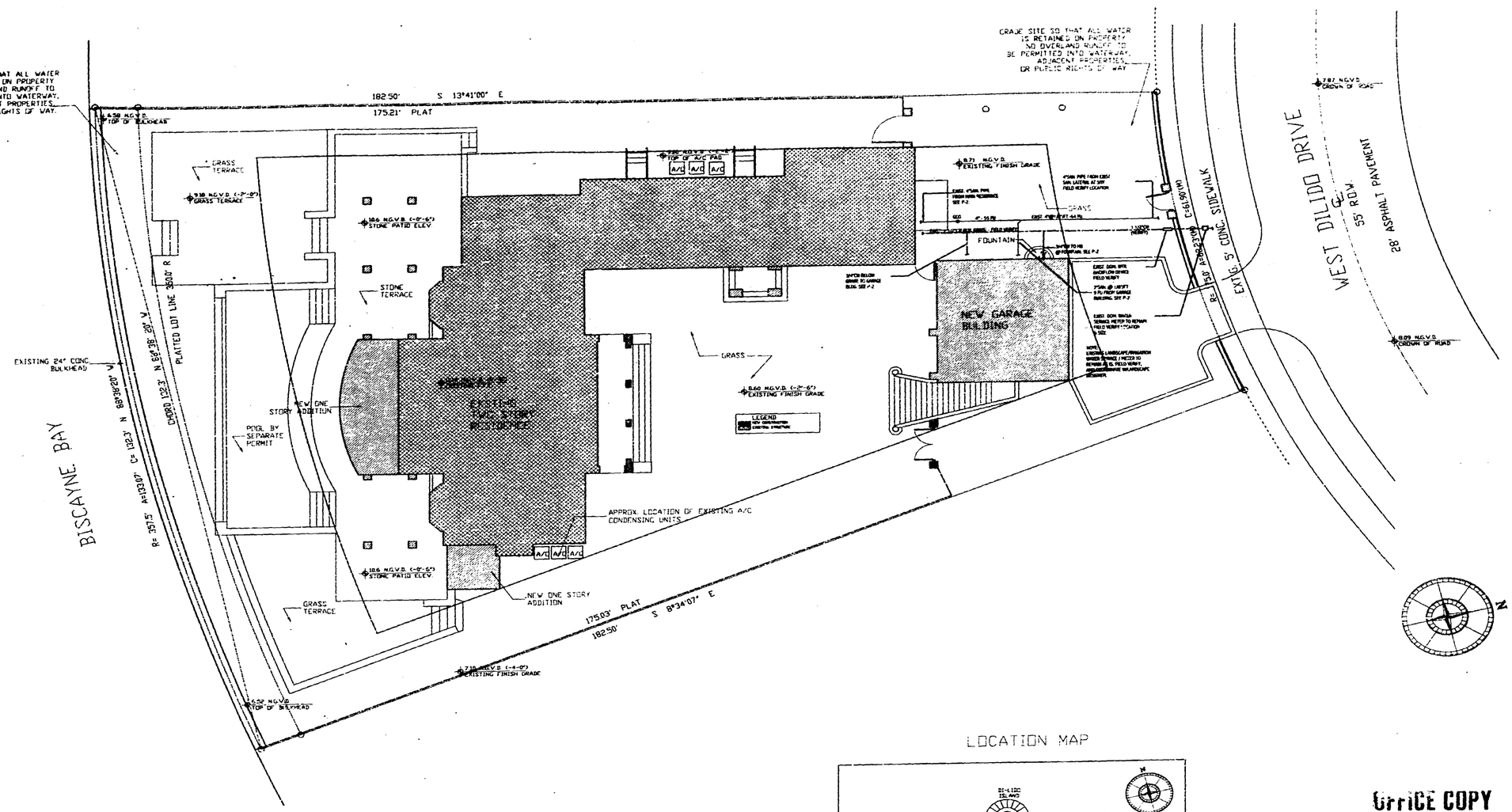
1.28.08

JORGE L. HERNANDEZ
Architect
337 Palermo Avenue, Coral Gables, Florida 33134 (305) 774-0022

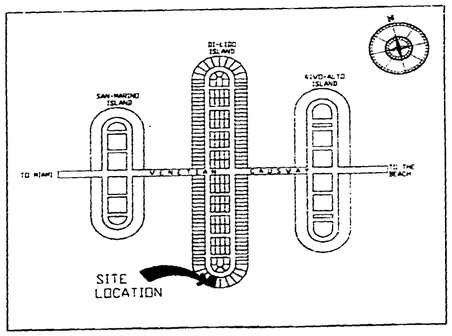
ESI

REVISIONS: △ [illegible]

DRAWING: ELEC. RISER & PANELS
DATE: [illegible]
SHEET: E-6



LOCATION MAP



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CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY THE FOLLOWING:

BUILDING:
ZONING:
PLUMBING: 3-2-00
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
ENGINEERING:
PUBLIC WORKS: 2/15/2000
STRUCTURAL:
ACCESSIBILITY:
ELEVATOR:

1 / P-1 PLUMBING SITE PLAN

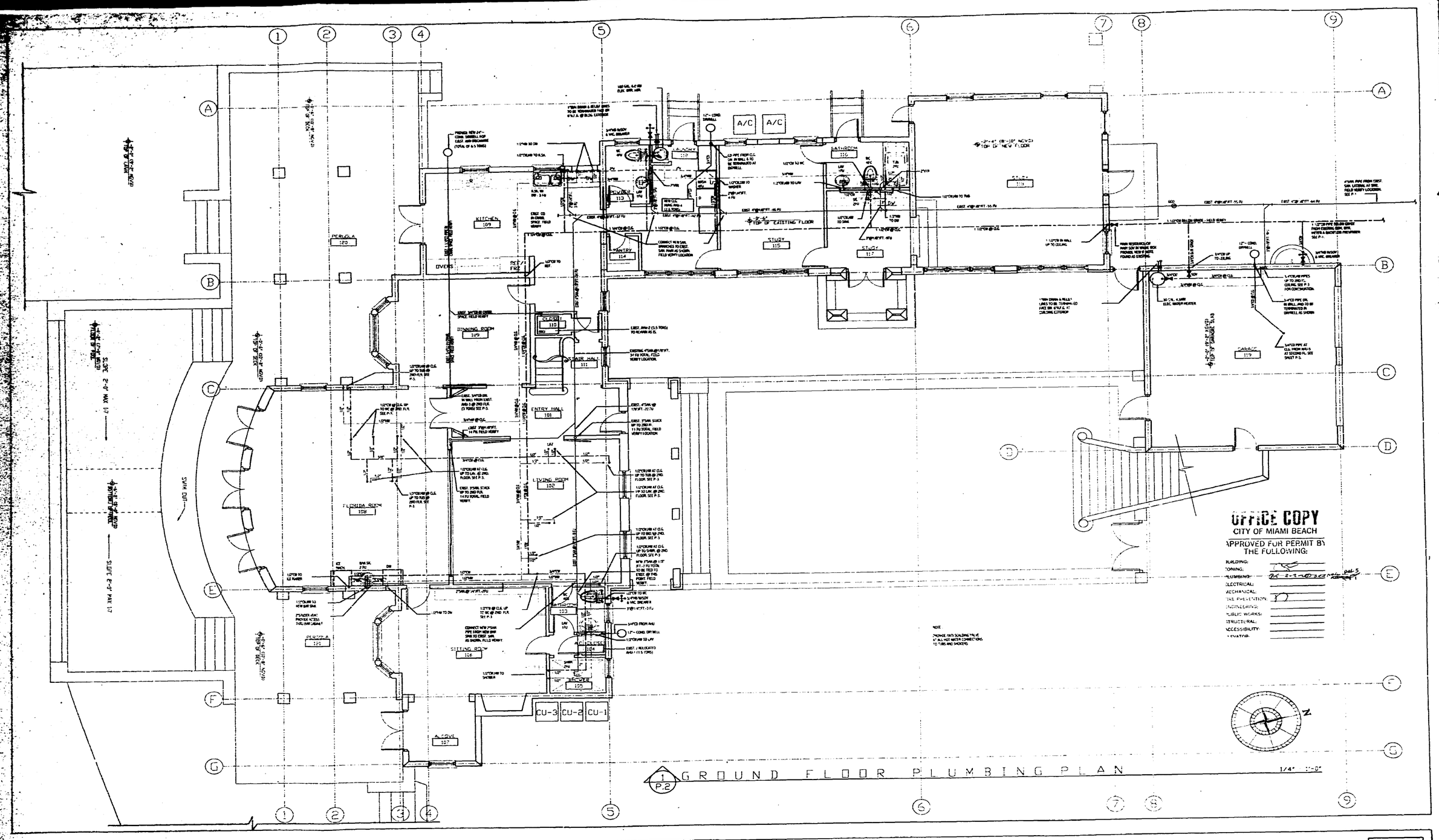
1/8" = 1'-0"

PROJECT: [illegible]
REVISIONS:

ESI

JORGE L. HERNANDEZ
Architect
FLORIDA REGISTRATION #7000
337 Palermo Avenue, Coral Gables, Florida 33134 (305) 774-0022

DRAWING: PLUMBING SITE PLAN
DATE: [illegible]
SHEET: P-1



1 P.2 GROUND FLOOR PLUMBING PLAN 1/4" = 1'-0"

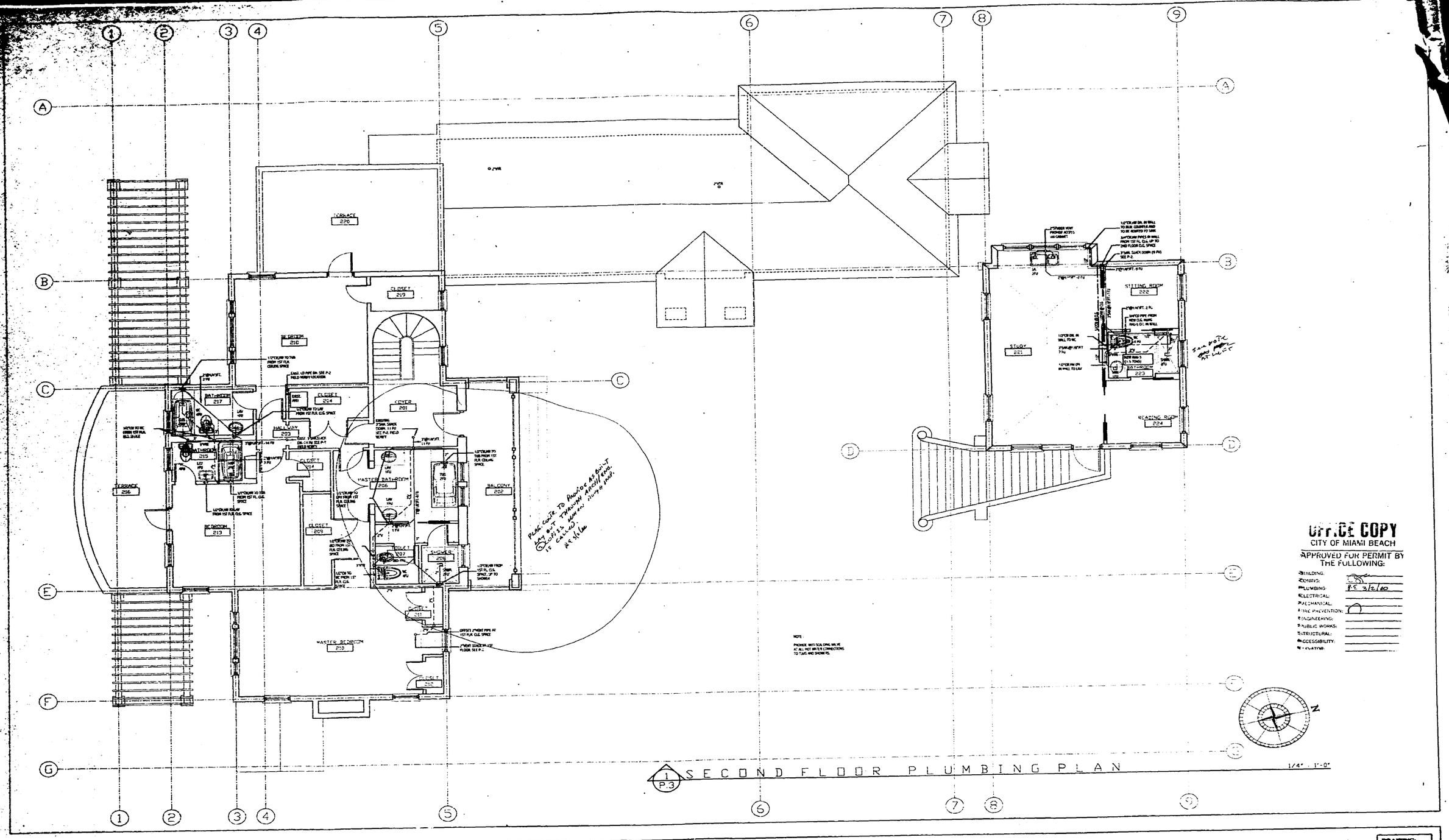
PROJECT: [illegible] RESIDENCE

REVISIONS:

ESI

JORGE L. HERNANDEZ
Architect
337 Palermo Avenue, Coral Gables, Florida 33134 (305) 774-0822

DRAWING: GROUND FLOOR PLUMBING PLAN
DATE: 01-30-00
SHEET: P-2



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

BUILDING:	
ZONING:	
PLUMBING:	8.5 3/2/00
ELECTRICAL:	
MECHANICAL:	
FIRE PREVENTION:	
ENGINEERING:	
PUBLIC WORKS:	
STRUCTURAL:	
ACCESSIBILITY:	
ELEVATOR:	

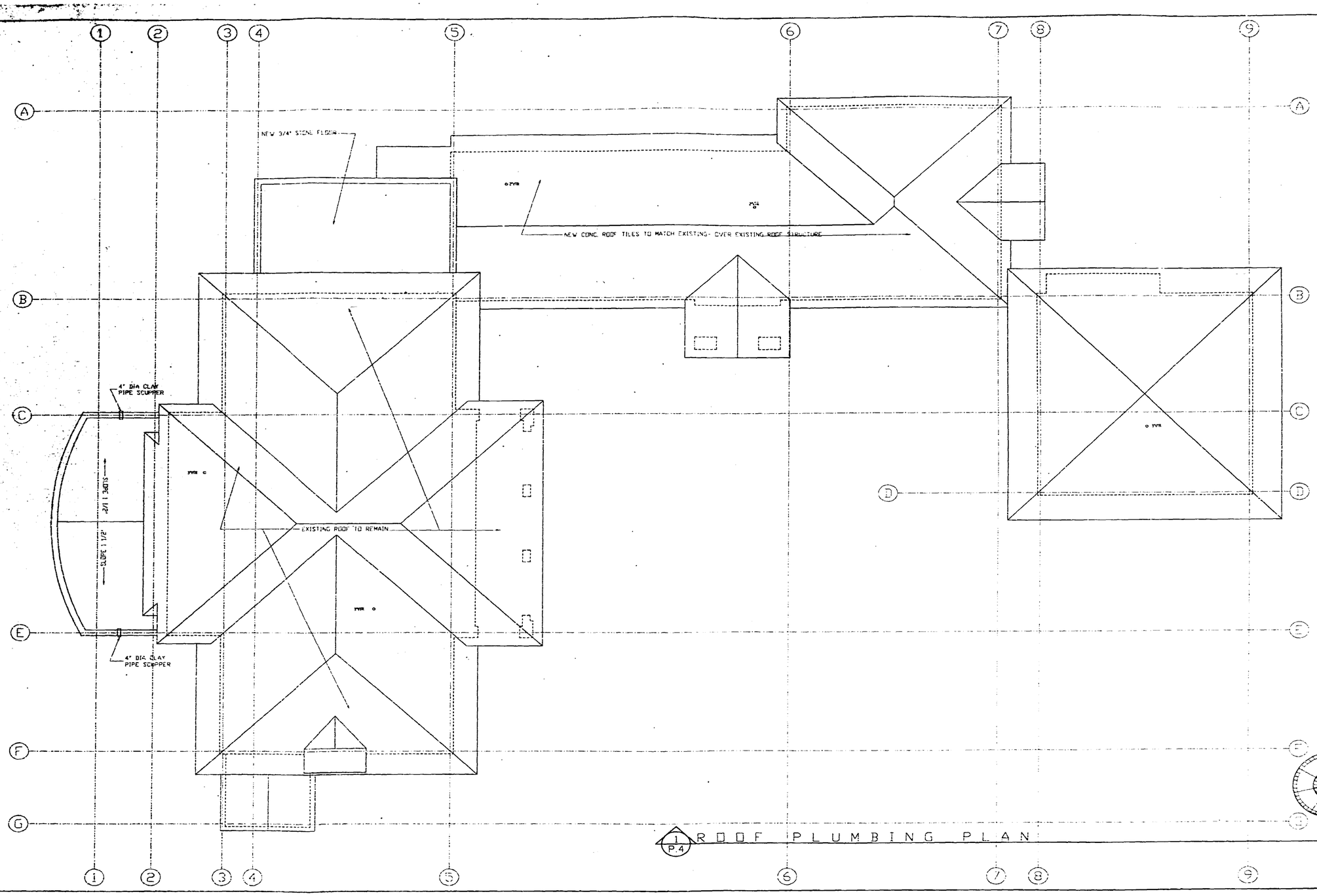
1 P-3 SECOND FLOOR PLUMBING PLAN 1/4" = 1'-0"

PROJECT: DELANO RESIDENCE
REVISIONS:

ESI

JORGE L. HERNANDEZ
Architect
FLORIDA REGISTRATION # 7895
337 Palermo Avenue, Coral Gables, Florida 33134 (305) 774-0822

DRAWING: SECOND FLOOR PLUMBING PLAN
DATE: 01-20-00
SHEET: P-3



1 P.4 ROOF PLUMBING PLAN 1/4" 1'-0"

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

BUILDING:	
ZONING:	
PLUMBING:	8-6-3-2-00
ELECTRICAL:	
MECHANICAL:	
FIRE PREVENTION:	
ENGINEERING:	
PUBLIC WORKS:	
STRUCTURAL:	
ACCESSIBILITY:	
FLOOD/ZONE:	

PROJECT: [illegible] RESIDENCE
[illegible]
NO. [illegible]

REVISIONS:

ESI

JORGE L. HERNANDEZ
Architect
FLORIDA REGISTRATION [illegible]
337 Palermo Avenue, Coral Gables, Florida 33134 (305) 774-0022

DRAWING: ROOF PLUMBING PLAN
DATE: [illegible]
SHEET P-4

PLUMBING NOTES

1. ALL PLUMBING WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE "SOUTH FLORIDA BUILDING CODE", CHAPTER 46, LOCAL ORDINANCE AND IN COMPLIANCE WITH "FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION.

2. 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.

3. UNDERGROUND METAL PIPING SHALL BE PROTECTED WITH COAT OF BITUMINOUS COMPOUND ("BITUMASTIC" OR EQUAL) BEFORE COVERING.

4. PROVIDE SHUT-OFF AND VACUUM BREAKER TO ALL HOSE BIBBS AND FAUCETS WITH HOSE-END CONNECTION.

5. ALL FIXTURES SHALL BE PROTECTED AGAINST WATER HAMMER WITH AIR CHAMBERS OR SHOCK ABSORBERS.

6. PLUMBING FIXTURES SHALL BE "AMERICAN STANDARD" OR APPROVED EQUAL. ALL FIXTURE TRIM SHALL BE CHROME PLATED. FIXTURES SHALL BE PROVIDED WITH SUPPORTS, HANGERS, ETC.

7. WASTE LINES SHALL SLOPE 1/8" PER FOOT, UNLESS OTHERWISE NOTED.

8. 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.

9. VENT LINES SHALL EXTEND 6" MIN. ABOVE ROOF AND FLASHED WITH LEAD OR CONNECTED TO EXISTING VENT LINES.

10. ALL FLOOR DRAINS SHALL HAVE TRAP PRIMERS TO PROTECT THE SEAL OF THE TRAP.

11. PROVIDE CONTROL VALVES TO ALL MAINS ENTERING THE BUILDING, RISERS, BRANCHES, GROUPS OF FIXTURES, AND TO EACH PIECE OF EQUIPMENT.

PIPING MATERIALS

1. SANITARY WASTE, VENT AND STORM DRAIN BELOW GROUND "CAST IRON", SERVICE WEIGHT, PIPE, & FITTINGS ACCORDING TO ASTM A-74 HUB & SPIGOT OR. ABOVE GROUND "CAST IRON", SOIL PIPE, "HUBLESS", ACCORDING TO CISPI-301-78, ASTM A-74, WITH STAINLESS STEEL SHIELD AND CLAMPS OVER NEOPRENE SEALING SLEEVE. ALTERNATE: THE PLUMBING CONTRACTOR MAY ELECT, IF APPROVED BY OWNER, TO USE THE FOLLOWING MATERIAL SPECIFICATION FOR WASTE, VENT AND STORM DRAIN SYSTEM WHEN BELOW GRADE: 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-2564.

2. CONDENSATE DRAINS FROM AIR CONDITIONING UNITS "PVC" SCHEDULE 40 PIPE & FITTINGS.

3. DOMESTIC WATER ABOVE GROUND TYPE L COPPER PIPE WITH WROUGHT COPPER SOLDERED JOINT FITTINGS. TYPE K COPPER BELOW GROUND PIPE ACCORDING TO ASTM B-42. TUBE ACCORDING TO ASTM B-88. ALTERNATE FOR UNDERGROUND PIPE: CAST IRON WATER PIPE ACCORDING TO ANSI A 21.6. STEEL PIPE SCHEDULE 40, GALVANIZED ACCORDING TO ASTM A120-68.

4. ALL CONTROL VALVES FOR DOMESTIC WATER SHALL BE CAST BRASS OR B-62 BRONZE GATE VALVES.

5. PROVIDE DIELECTRIC FITTINGS FOR JOINING DISSIMILAR METALS.

DOMESTIC WATER PIPING

1. UNDERGROUND GALVANIZED STEEL PIPE. SCHEDULE 40 SCREWED (ASTM A120-78) WITH MALLEABLE IRON FITTING GALVANIZED TO MATCH PIPE. ANSI B16.3-71. ASTM A197-47 OR CAST IRON FLANGED FITTINGS (ANSI B16.1). PIPE SHALL BE PROTECTED WITH COAT OF BITUMINOUS COMPOUND. COPPER TUBING TYPE K ASTM B88-75, ACCEPTED ALTERNATE.

2. ABOVE GROUND: COPPER WATER TUBING, TYPE L, ASTM B88-75 WITH WROUGHT COPPER FITTINGS, ANSI B16.22-73.

3. 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.

4. 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

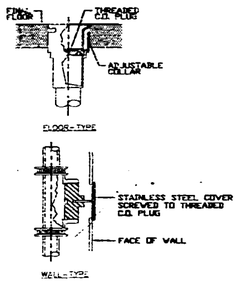
PIPE SIZE	ROD DIAMETER	MAXIMUM SPACING
UP TO 1"	3/8"	6'
1-1/4" & 1-1/2"	3/8"	8'
2"	3/8"	8'

FIXTURE CONNECTION SCHEDULE

ITEM	WASTE & SOIL	WATER COLD	WATER HOT
WATER CLOSET	3"Ø 1/8"/FT.	1/2"	
TUB	2"Ø 1/4"/FT.	1/2"	1/2"
WHIRLPOOL	2"Ø 1/4"/FT.	1/2"	1/2"
LAVATORY	1 1/4"Ø1/8" /FT.	1/2"	1/2"
HOSE BIBB		3/4"	
SHOWER	2"Ø 1/4" /FT.	1/2"	1/2"
KIT. SINK	2"Ø 1/4" /FT.	1/2"	1/2"
WASHER	2"Ø 1/4" /FT.	1/2"	1/2"
LAUNDRY SINK	2"Ø 1/4" /FT.	1/2"	1/2"
BIDET	2"Ø 1/4" /FT.	1/2"	1/2"

VC = 1.5 GALLON PER FLUSH

NOTE:
PROVIDE ANTI-SCALDING VALVE AT ALL FAUCETS CONNECTIONS TO TUBS AND SHOWERS.



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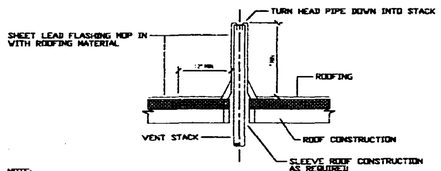
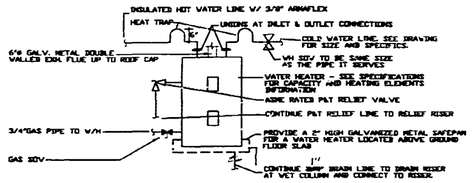


NOTE:
ANY VENT PIPE WITHIN 10'-0" OF ANY DOOR, WINDOW, OR EXHAUST OPENINGS SHALL EXTEND NOT LESS THAN 3'-0" ABOVE SUCH

VENT THRU ROOF DETAIL
N.T.S.



Water Heater Detail nts

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CITY OF MIAMI BEACH
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BUILDING:	
ZONING:	
PLUMBING:	JE 3-2-00
ELECTRICAL:	
MECHANICAL:	
FIRE PREVENTION:	
ENGINEERING:	
PUBLIC WORKS:	
STRUCTURAL:	
ACCESSIBILITY:	
HISTORIC:	

PROJECT: DELANO RESIDENCE
AT
1120 PI DELANO DR. MIAMI BEACH
FOLIO:

REVISIONS:

ESI

JORGE L. HERNANDEZ
Architect
FLORIDA REGISTRATION #7000
337 Palermo Avenue, Coral Gables, Florida 33134 (305) 774-0022

DRAWING: PLUMBING DETAILS AND NOTES
DATE: 01-20-00
SHEET: P-5

B000165K

LASON
The Information Management Company
6954 N.W. 12 STREET, MIAMI, FLORIDA 33126
305-477-9149 • 800-287-4799 • FAX 305-477-7526

PREVIOUS
DOCUMENT
IS
a photocopy in poor
condition

FC 017

PERMIT #

B0103723

02

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

New / Addition/Remodel

Activity Number: B0905723
Status: APPROVED

INSTALL 15,500 GALLON SWIMMING POOL ONLY

Payment Made to the Following Items:

Summary for Fees and Payments:

Residential Pool for
Dillon Enterprises
16 West Dillon Dr.
Miami Beach, Fla.

Kenneth R. Plotkin, P.E.
9995 S.W. 77 Avenue
Apt. 1042
Miami, Florida 33156
(305) 271-0963

Critical Panel -

$9.0 \times 7.83 = 70.5^{\#}$

$W = 67.4 \times 6 + 0.83 \times 150 = 500^{\#/ft}$

$U = 70.5 \times 500 = 35250^{\#}$

Wall Load -

$12 \times 6 \times 0.5 \times 150 = 5400^{\#}$

Critical Pile Load = 40650#

$40650 / \pi(16 \times d)(101) = 46.2$ psi < 55 psi

Use 6" deep panel w/ 4' pile penetration

For main body of pool -

$M_L = 0.09 \times 35250 \times 9 \times 1.15 = 32860'^{-\#}$

$-M_L = 0.5 \times 32860 = 16420'^{-\#}$

$+M_L = 0.2 \times 32860 = 6570'^{-\#}$

Residential Pool for
Dillon Enterprises
Miami Beach, Fla

2

Kenneth R. Plotkin, P.E.
9995 S.W. 77 Avenue
Apt. 1042
Miami, Florida 33156
(305) 271-0963

$M_S = 0.09 \times 35250 \times 7.83 \times 1.15 = 28570'^{-\#}$

$-M_S = 28570 \times 0.5 = 14285'^{-\#}$

$+M_S = 28570 \times 0.2 = 5720'^{-\#}$

$A_{SL} = 16420 \times 12 / 20000 \times .874 \times 7 = 1.61^{\#}$ Top

$A_{SL} = 6570 \times 12 / 20000 \times .874 \times 7 = 0.65^{\#}$ Bottom

$A_{SS} = 14285 \times 12 / 20000 \times .874 \times 7 = 1.40^{\#}$ Top

$A_{SS} = 5720 \times 12 / 20000 \times .874 \times 7 = 0.56^{\#}$ Bottom

$S_L = 7'0" \cdot 2 = 47"$ $S_S = 9'0" \cdot 2 = 54"$

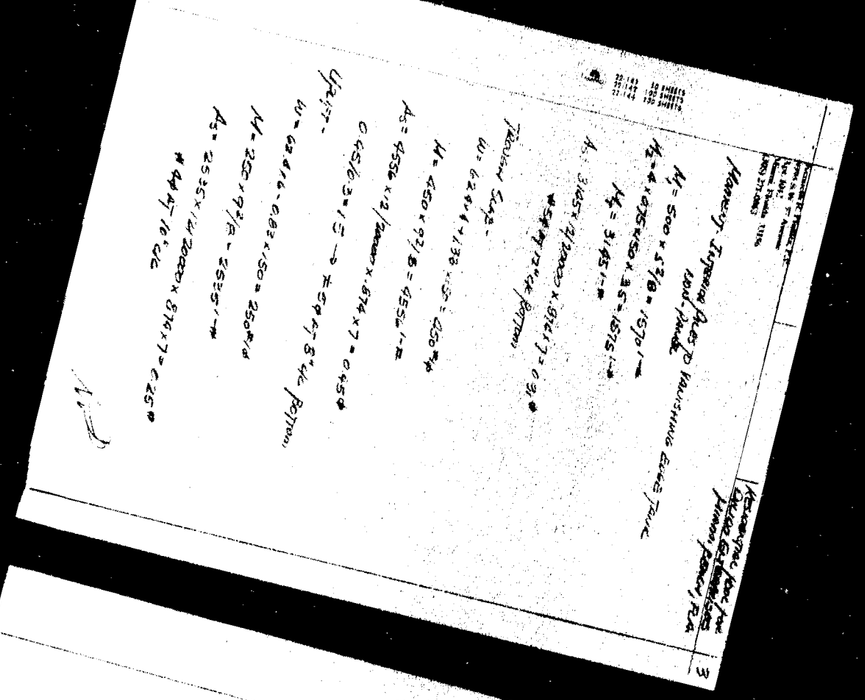
$1.61/0.3 = 5.4 \rightarrow$ #5 @ AT 8 3/4" c/c Top Long

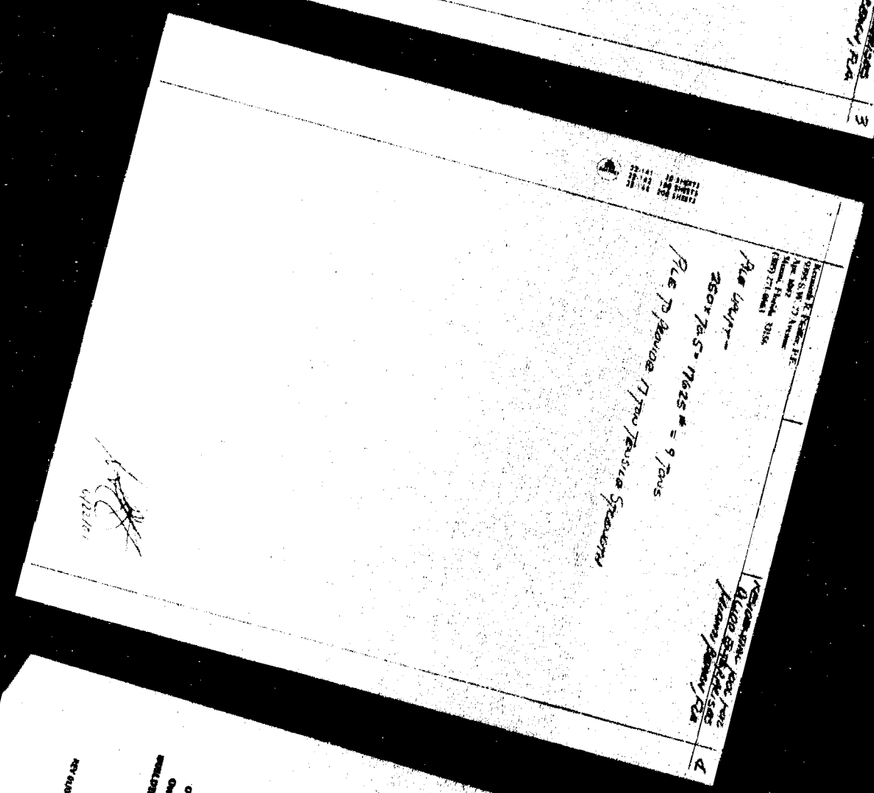
$0.65/0.2 = 3.25 \rightarrow$ #5 @ AT 16 1/2" c/c Bottom Long

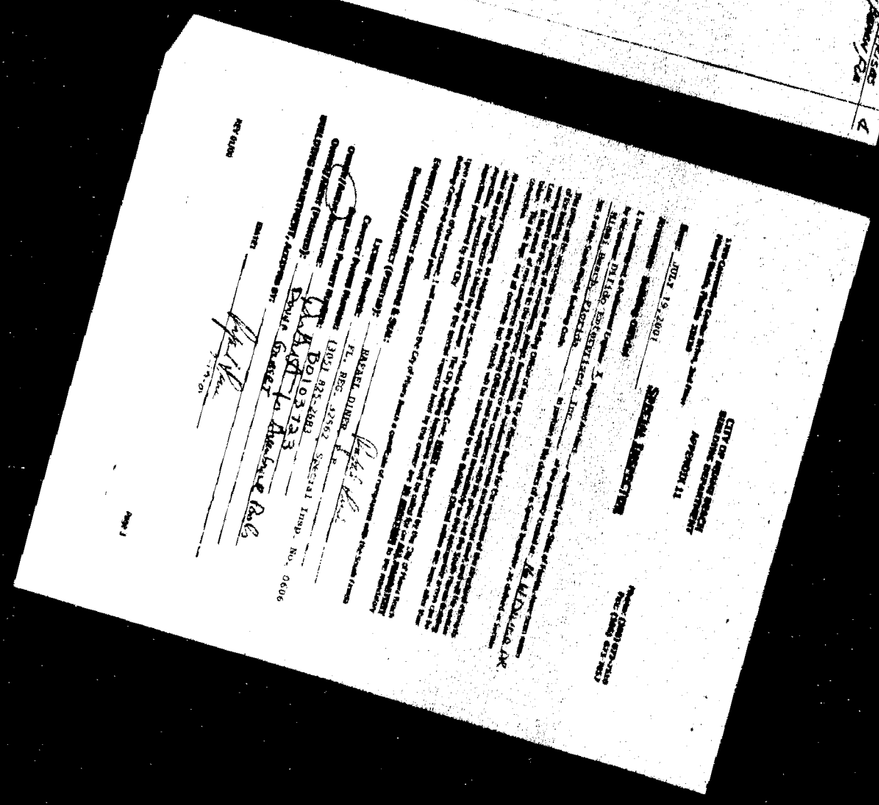
$1.40/0.3 = 4.67 \rightarrow$ #5 @ AT 11 1/2" c/c Top Short

$0.56/0.2 = 2.8 \rightarrow$ #5 @ AT 19" c/c Bottom Short

02







Ardaman & Associates, Inc.

2888 West 84th Street
Hialeah, Florida 33016
(305) 825-2883

Chief Building Inspector
City of Miami-Dade County
Dept. Of Planning, Development & Regulation
111 NW 1 Street, Suite 1010
Miami, FL 33128

NOTICE OF DEPARTMENT OF PLANNING, DEVELOPMENT & REGULATION OF EMPLOYMENT AS SPECIAL INSPECTOR UNDER SECTION 305.3 SOUTH FLORIDA BUILDING CODE

Dear Sir:

I (We) have been retained by Dilido Enterprises, Inc. to perform inspection services under Section 305.3, South Florida Building Code at 16 W Dilido Drive - Miami Beach, Florida on the proposed pool project on the below listed structures as of July 13, 2001.

PROCESSING NUMBER	STREET ADDRESS	CONTRACTOR OF RECORD	INSPECTION RESPONSIBILITIES (BE EXPLICIT)
	16 W Dilido Drive	Greenbrook Pools	Material Testing and Soil Compaction

The following individual(s) employed by me or this firm are authorized to perform inspection.

1. Rafael Diner, P.E.
2. Juan Rivas
3. Pedro Diez
4. Ismael Naranjo, B.I.
5. Ivan Morejon
6. Alexis Pulo, EIT

I, (we) will notify Dade County Department of Planning, Development & Regulation of any changes regarding authorized personnel performing inspection services.

I understand that a Special Inspectors inspection log for each building must be displayed in a convenient location on the site for reference by the Dade County Department of Planning, Development & Regulation Department Inspector. All mandatory inspections, as required by the South Florida Building Code, must be performed by the county when the Special Inspector is hired by the owner. The County building inspections must be called for on all mandatory inspections. Inspections performed by the Special Inspector hired by the Owner are in addition to the mandatory inspections performed by the Department. Further, upon completion of the work under each Building Permit I will submit the completed inspection log form and sealed Statement of Compliance to the Building Inspector, at time of final inspection and before making application for Certificate of Occupancy. The Statement of Compliance shall state that, to the best of your knowledge, belief and professional judgment that those portions of the projects outlined above meets with the Intent of the South Florida Building Code and is in substantial accordance with approved plans.

Sincerely,

Signed and Sealed Rafael Diner, P.E.
FL. Reg. No. 32562

Date: July 13, 2001

AS A MUTUAL PROTECTION TO CLIENTS, THE PUBLIC AND OURSELVES, ALL REPORTS ARE SUBMITTED AS THE CONFIDENTIAL PROPERTY OF CLIENTS AND AUTHORIZATION FOR PUBLICATION OF STATEMENTS, CONCLUSIONS OR EXTRACTS FROM OR REGARDING OUR REPORTS IS RESERVED PENDING OUR WRITTEN APPROVAL.

Ardaman & Associates, Inc.

2888 West 84th Street
Hialeah, Florida 33016
(305) 825-2883

Chief Building Inspector
City of Miami-Dade County
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SUBSURFACE EXPLORATION REPORT
PROPOSED RESIDENCE
16 WEST DILIDO DRIVE
MIAMI BEACH, FLORIDA
JANUARY 14, 2000
FILE NO.:99-3792

Ardaman & Associates. Inc.

OFFICES

Orlando, [illegible]
Bartow [illegible]
Cocoa [illegible]
Fort Lauderdale [illegible]
Fort Myers [illegible]
Miami [illegible]
Port Charlotte [illegible]
Fort St. Lucie [illegible]
Sarasota [illegible]
Tallahassee [illegible]
Tampa [illegible]
West Palm Beach [illegible]

02

Ardaman & Associates, Inc.

Geotechnical, Environmental and Materials Consultants

January 14, 2000
File No 99-3792

Mr. Kevin Santos-Buch
Dilido Enterprises, Inc
16 West Dilido Drive
Miami Beach, FL 33139

SUBSURFACE EXPLORATION REPORT
PROPOSED RESIDENCE
16 WEST DILIDO DRIVE
MIAMI BEACH, FLORIDA

Ardaman & Associates, Inc. has completed the subsurface exploration and studies of the project site described in our proposal dated December 11, 1999. The work was requested and authorized by Mr. Kevin Santos-Buch. We explored the general subsurface conditions in order to evaluate their suitability for the proposed two-story residence and provide recommendations for foundation design and site preparation. Our work included Standard Penetration Test (SPT) borings and visual engineering classification of the sampled soils. This report describes our explorations and tests, reports their findings, and summarizes our conclusions and recommendations.

Based on our explorations and studies, we conclude that the proposed structure should be founded on pile type foundation. We do not recommend supporting the proposed construction on conventional spread foundations, due to the layer of silt encountered underlying this site.

The following sections of this report describe our explorations and explain our recommendations in greater detail. Our report has been prepared specifically for this project. It is intended for the exclusive use of Dilido Enterprises, Inc., their representatives and assigns. Our work has used methods and procedures consistent with local foundation engineering practices. No other warranty, expressed or implied, is made. We do not guarantee project performance in any respect, only that our work meets normal standards of professional care.

SITE SURFACE CONDITIONS

The project site is located at southeast side of Dilido Island, Miami Beach, Florida. The site is presently occupied by an existing residence. Vegetation observed on the site consists of grass. The existing drainage characteristic of the site is moderate.

PROJECT DESCRIPTION

No plan for the proposed development was made available to us. We understand that the project will consist of a two-story residence with a loft supported on pile type foundations. No data pertaining to the structural loadings were available to us.

FIELD EXPLORATION

To explore subsurface conditions at the site, two (2) Standard Penetration Test (SPT) borings were performed at the locations shown on the Boring Location Plan in the Appendix. The SPT borings were completed to a depth of 30 feet below grade. The work was performed in accordance with the procedures recommended in ASTM D-1586. A description of our drilling and testing procedures are included in the Appendix.

The boring locations were laid out at the approximate location shown in our boring location plan. We estimate that the actual boring locations are within about 5 feet of the locations shown. If you need to know the boring locations more accurately, we recommend that you retain a surveyor.

Our drillers examined the soil recovered from the SPT sampler and maintained a log for each boring. The soil samples were taken to our laboratory where they were visually classified by our engineer. The soil classifications and other pertinent data obtained from our explorations are reported on the boring logs in the Appendix.

The soil samples recovered from our explorations will be kept in our laboratory for 30 days, then discarded unless you request otherwise.

SUBSURFACE CONDITIONS

The boring logs in the Appendix present a detailed description of the soils encountered at the locations at the depths explored. The soil stratification shown on the boring logs is based on examination of recovered soil samples and interpretation of the driller's field logs. It indicates only the approximate boundaries between soil types. The actual transitions between adjacent soil strata may be gradual and indistinct.

The results of our test borings indicate the following general soil profile.

Depth Below Ground Surface (feet)	Description
0 - 1.5	Topsoil
1.5 - 4	Sand, loose
4 - 17	Silt, very soft
17 - 25	Limestone
25 - 30	Sand, loose

The above soil profile is outlined in general terms only. Please refer to the boring logs for soil profile details.

GROUNDWATER CONDITIONS

Our drillers observed groundwater in the boreholes at depths that ranged from 2.8 to 6.1 feet below the ground surface, as noted on the boring logs. Fluctuations in the groundwater level on this site should be anticipated throughout the year due to seasonal variations in rainfall, drainage, and other factors. We expect that groundwater conditions are controlled by the tidal fluctuations in the bay.

02

DISCUSSIONS AND RECOMMENDATIONS

GENERAL

Based on the findings of our site exploration, our evaluation of subsurface conditions, and judgment based on our experience with similar projects, we conclude that the soils underlying this site are not satisfactory to support the proposed construction on conventional spread foundations. In our opinion, pile type foundations should be used to support the proposed building. Piles may either be precast concrete type or augered cast-in-place type. Our estimated pile capacities are presented below

TABLE 1

DRIVEN PRECAST CONCRETE PILES

Capacity in tons: Tension (T), Compression (C)

DEPTH	PILE DIMENSION (inch)	
	12 X 12	14 X 14
30	3 (T) 11 (C)	3 (T) 15 (C)

TABLE 2

CAST-IN-PLACE CONCRETE PILES

Capacity in tons: Tension (T), Compression (C)

DEPTH	PILE DIAMETER (inches)	
	12	14
30	13 (T) 25 (C)	16 (T) 30 (C)

Please note that the compression capacity of the piles takes into account the surface frictional resistance and tip bearing. On the other hand, the tension capacity of the piles is based solely upon the surface frictional resistance. Our recommended minimum pile dimension is 12 inches. Pile dimensions smaller than 12 inches may undergo long column action and may ultimately fail in buckling. Pile length longer than our recommended length may be necessary to achieve our estimated capacity. This is due to the fact that soils encountered at boring locations may differ from the soils at pile locations. We recommend

that several test piles be driven before establishing the pile length. If driven piles are used in the project, the nearby residences should be monitored to avoid damage from vibrations.

In the auger cast piles alternative we recommend that the concrete grout used to form the piles attain a compressive strength of at least 4000 psi in 28 days or less. The auger may be retrieved slowly to the ground surface as the grout is being pumped. The amount of concrete grout used to form each pile should be larger than the theoretical pile volume. At least this calculated volume of pile is to be pumped per foot of pile as the auger is retrieved in one foot intervals. If grout pumping and/or auger retrieval operations are stopped at any time during the formation of a given pile, the borehole is to be reaugered and the pile formed anew. Piles shall not be installed within 4 pile diameters, or 5 feet center to center, of a pile constructed within the previous 24 hours. If the concrete level in any completed pile drops, the pile shall be rejected and replaced. If there is difficulty in placing the reinforcement steel in any pile, the pile shall be redrilled and replaced. All reinforcement steel should be fitted with a spacer at its lower tip to allow easier installation into the piles and assure its centering. Any modification to these procedures is to be approved by the Geotechnical Engineer based on observations during pile installation.

Pile capacities greater than our recommended capacities may be established by performing pile load tests on test piles as specified in Section 2405 of the South Florida Building Code.

We recommend that Ardaman & Associates, Inc. be retained to observe and monitor the placement of the piles. Each pile should be placed to the depth recommended. Pile installation should be performed in compliance with Section 2405 of the South Florida Building Code. Care must be exercised during pile placement to assure that existing structures in the proximity of the site are not harmed.

Please note that our recommendations are based on the site being made accessible to the piling equipment.

CLOSURE

This report has been prepared in accordance with generally accepted local foundation engineering practice. The recommendations submitted herein are based on the data obtained from the soil borings presented in the Appendix and the assumed loading conditions previously described. This report may not account for all the possible variations that may exist between conditions observed in the borings and conditions at locations that were not explored. The nature and extent of any such variations may not become evident until construction is underway. If variations are then observed, we recommend that Ardaman & Associates, Inc. be requested to inspect the actual site conditions and, if necessary, re-evaluate the recommendations of this report.

In the event any changes occur in the design, nature or location of any project facilities, Ardaman & Associates, Inc. should be requested to review the conclusions and recommendations in this report. We also recommend that we be requested to review the final foundation drawings and earthwork specifications so that our recommendations may be properly interpreted and implemented in the contract documents.

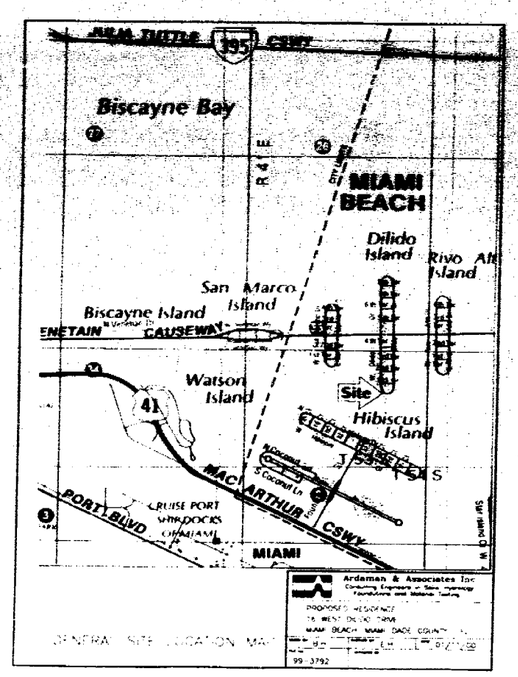
It has been a pleasure to assist you on this phase of your project. Please contact us whenever we may be of service to you, and please call if you have any questions concerning this report.

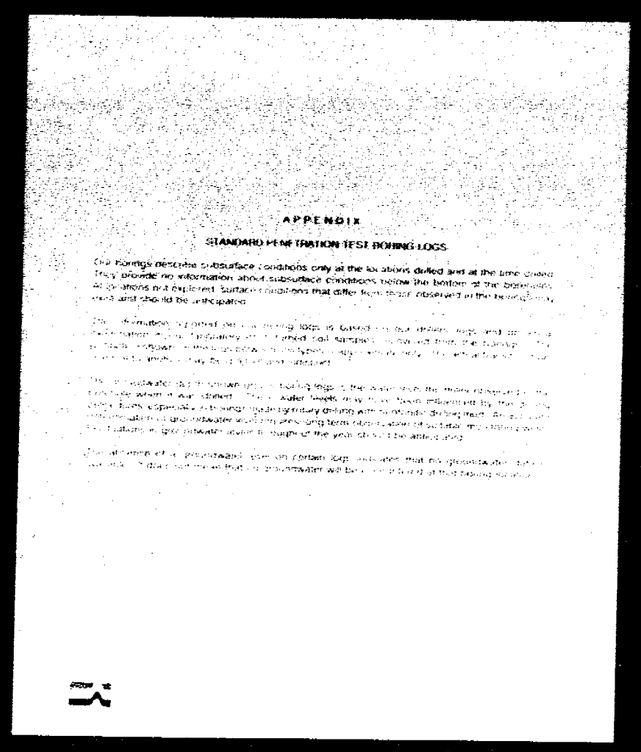
ARDAMAN & ASSOCIATES, INC.

Barbara Horta
Staff Engineer

Evelio Horta, Ph.D., P.E.
Branch Manager
FL Reg. No. 46625

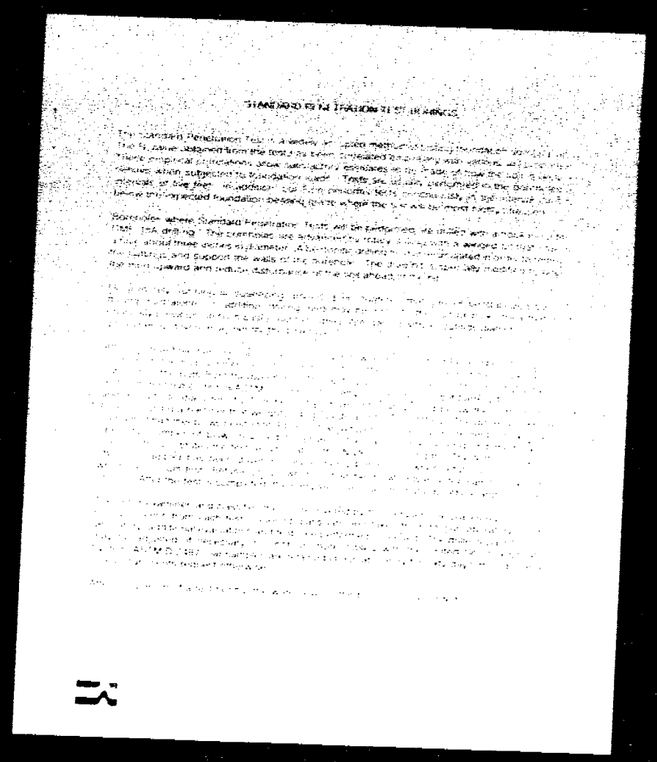
02





APPENDIX

STANDARD PENETRATION TEST BORING LOGS



02

KEY TO SYMBOLS

Sand

Limestone

Water Table at Testing Completion

SOIL TEST BORING SYMBOLIC LOGS

BORING B-1

Project: 16 West Dilido Drive
Date: 1/4/00
File No.: 99-3792
Boring Location: SEE PLAN
Elev.: N/A
Casing: N/A
Drill Method: SPT/HSA
Depth of Water Table: 6.1'
Driller: J.C./R.H.
Date Checked: 1/4/00

ELEVATION / DEPTH	SOIL SYMBOLS, SAMPLE NUMBERS AND FIELD TEST DATA	SOIL DESCRIPTION	SAMPLE No.	SPT "N" VALUE
0		TOPSOIL		
		SAND, pale brown fine grained with silt and shell fragments	1	2
			2	10
		SILT, gray		
			3	1
			4	7
		LIMESTONE, white		
		LIMESTONE, very pale brown, very poorly cemented, some sand fine grained	4	21
		SAND, pale brown fine to coarse grained	5	10
			6	

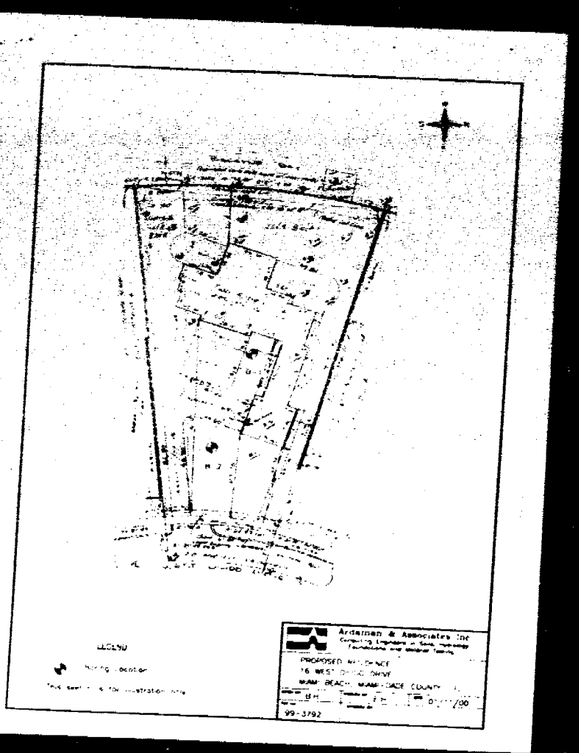
SOIL TEST BORING SYMBOLIC LOGS

BORING B-2

Project: 16 West Dilido Drive
Date: 1/4/00
File No.: 99-3792
Boring Location: SEE PLAN
Elev.: N/A
Casing: N/A
Drill Method: SPT/HSA
Depth of Water Table: 2.8'
Driller: J.C./R.H.
Date Checked: 1/4/00

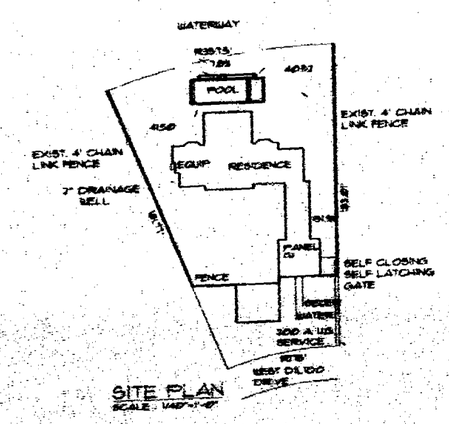
ELEVATION / DEPTH	SOIL SYMBOLS, SAMPLE NUMBERS AND FIELD TEST DATA	SOIL DESCRIPTION	SAMPLE No.	SPT "N" VALUE
0		TOPSOIL		
		SAND, pale brown fine to medium grained with shell fragments	1	4
			2	4
		SILT, gray		
			3	1
		LIMESTONE, very pale brown		
			4	21
		SAND, pale brown medium to coarse grained with shell fragments	5	12

02

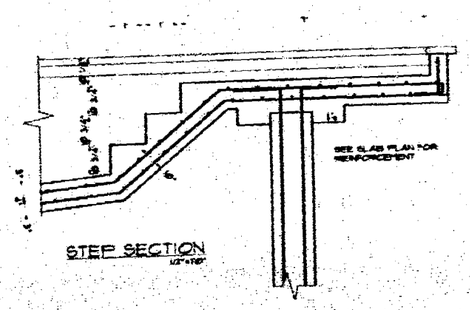


02

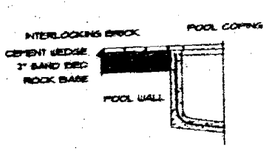
SHEET 1 OF 3



SITE PLAN
SCALE: 1/40"=1'-0"

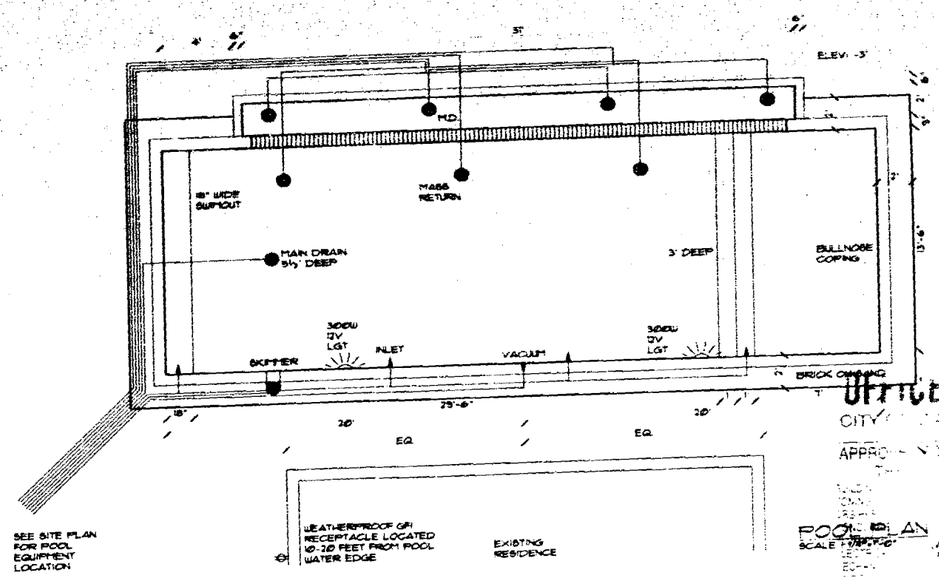


STEP SECTION
1/2"=1'0"



BRICK ON SAND DETAIL
NO SCALE

POOL PERIMETER = 107 LIN. FT.
COLLECTOR TROUGH = 32 LIN. FT.



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

Office COPY
CITY OF MIAMI BEACH
APPROVED WITH PERMIT BY
BUILDING

GREENBROOK POOLS, INC.
8460 PALMETTO AVENUE
CORAL GABLES, FLORIDA 33146
(305) 661-8787

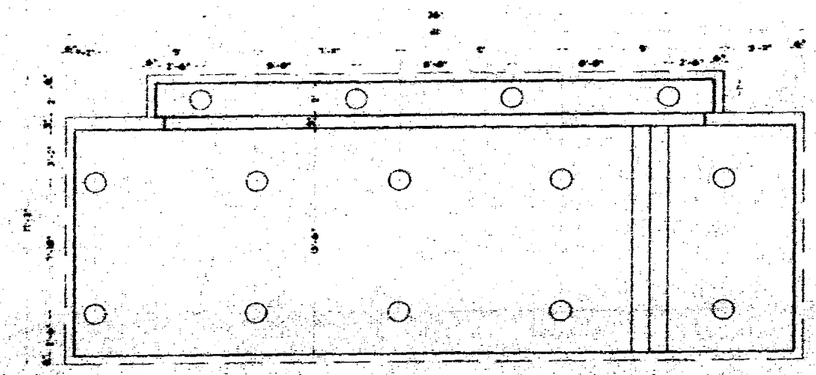
LEGAL:
LOT 9 OF BLOCK 1
DILIDO
PLAT BOOK 8 AT PAGE 36
DADE COUNTY

KENNETH R. FREIFFER, P.E.
9355 SW 77th AVENUE
SUITE 104
MIAMI, FLORIDA 33156
(305) 271-0863

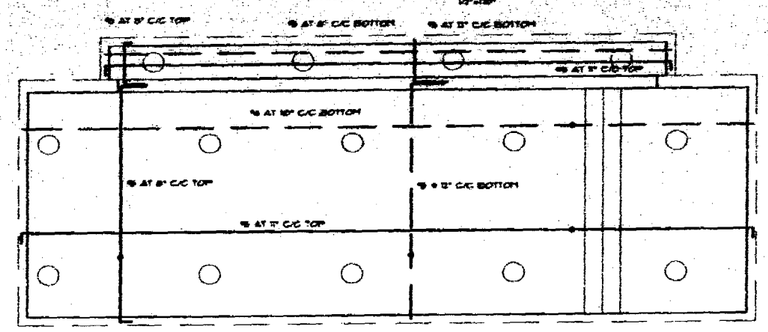
RESIDENTIAL POOL FOR
DILIDO ENT.
16 WEST DILIDO DRIVE
MIAMI BEACH, FLORIDA

SEAL
KENNETH R. FREIFFER P.E.
CIV. ENGINEER
2750
JUNE 5th 1001
DATE

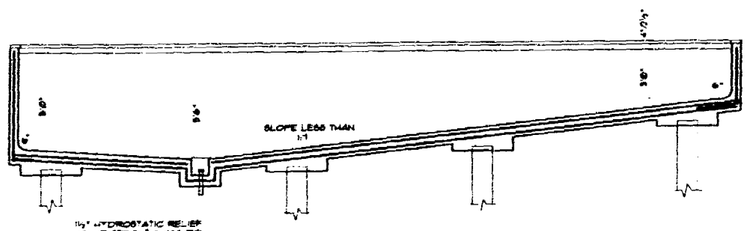
02



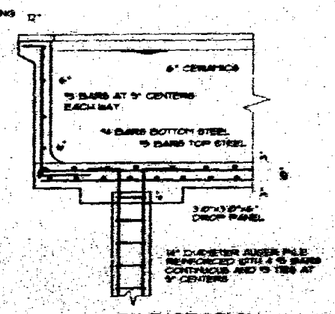
POOL PILING PLAN
1/2"=1'0"



SLAB REINFORCEMENT PLAN
1/2"=1'0"



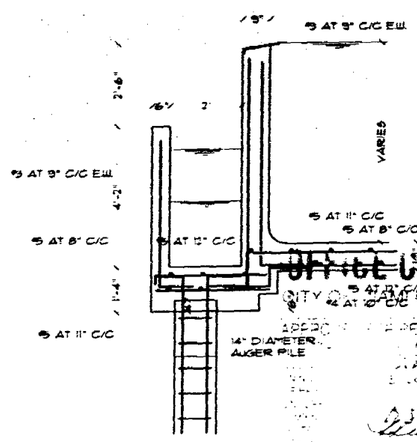
POOL SECTION
NTS



PILE SECTION
NTS

STRUCTURAL NOTES:

1. ALL PILES SHALL BE 14" DIAMETER AUGER PILES OF SUFFICIENT DEPTH TO PROVIDE A MINIMUM BEARING CAPACITY OF 30 TONS EACH.
2. ALL PILE CONCRETE SHALL DEVELOP A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI.
3. ALL REINFORCING STEEL SHALL HAVE A MINIMUM YIELD STRENGTH OF 60,000 PSI.
4. ALL PILES SHALL EMBED A MINIMUM OF 4" INTO PILE CAPS.
5. ALL PILE REINFORCING STEEL SHALL BE CONNECTED TO BOTTOM FLOOR REINFORCING WITH MINIMUM 18" LAPS AND APPROVED CONNECTORS.



VANISHING EDGE SECTION
1/2"=1'0"

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CITY OF MIAMI BEACH
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SHEET 2 OF 3

GREENBROOK POOLS, INC.
1540 MADRUGA AVENUE
CORAL GABLES, FLORIDA 33146
(305) 661-8787

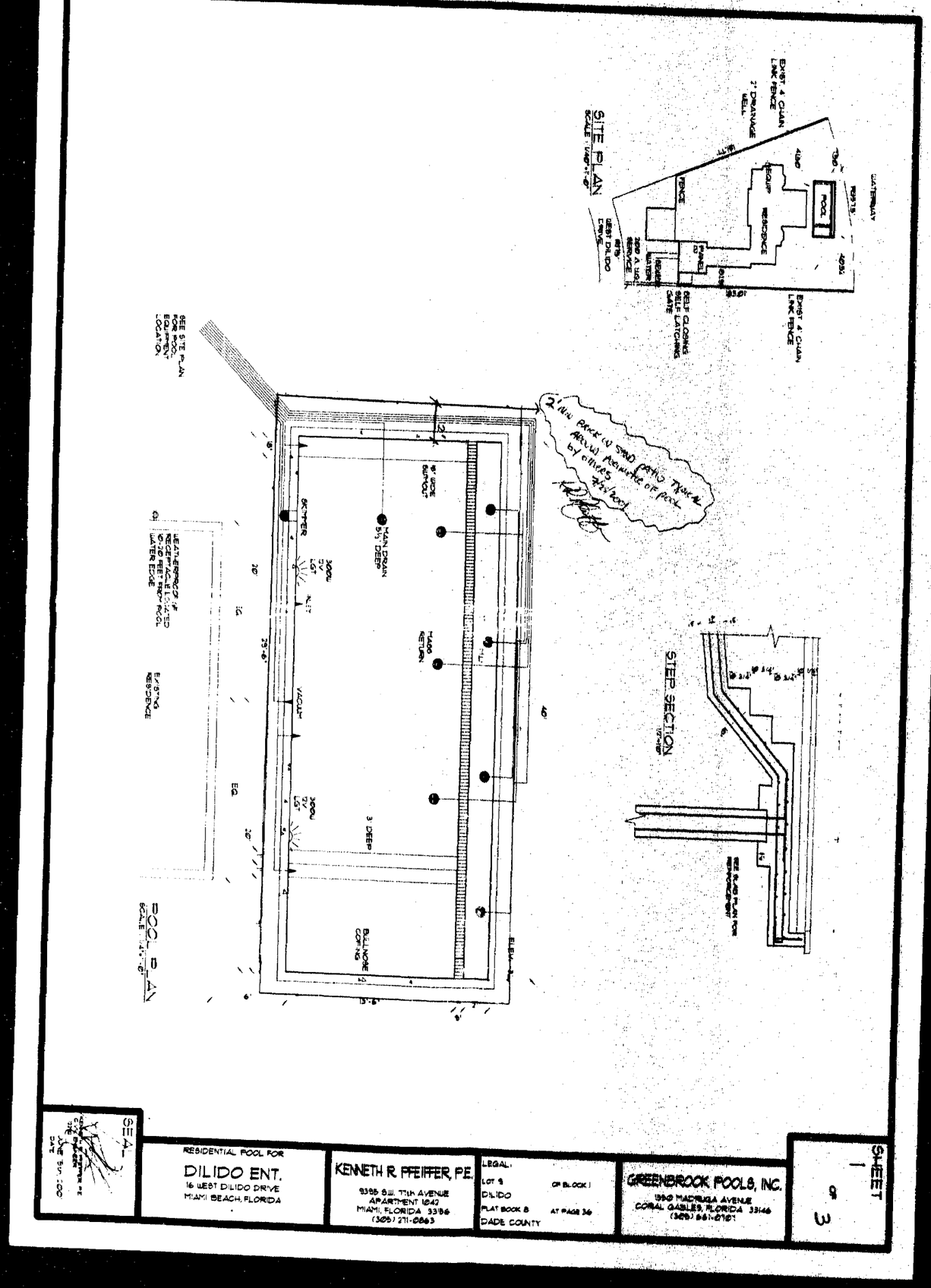
LEGAL: LOT 9 OF BLOCK 1
D'LIDO
PLAT BOOK 8 AT PAGE 38
DADE COUNTY

KENETH R. PFEIFFER, P.E.
9399 S.W. 77th AVENUE
APARTMENT 1042
MIAMI, FLORIDA 33156
(305) 271-0663

RESIDENTIAL POOL FOR
DILIDO ENT.
16 WEST DILIDO DRIVE
MIAMI BEACH, FLORIDA

SEAL
KENETH R. PFEIFFER, P.E.
STATE OF FLORIDA
JUNE 5th, 1990
DATE

02


SITE PLAN
SCALE 1/16"=1'-0"
EXIST. 4' CHAIN LINK FENCE
2' DRAINAGE WELL
POOL
EXISTING RESIDENCE
FENCE
SELF CLOSING SELF LATCHING GATE
GATEWAY
PATIO
40'
EXIST. 4' CHAIN LINK FENCE
SEE SITE PLAN FOR POOL EQUIPMENT LOCATION
HEATER EXPANSION TANK MOUNTED 10-20 FEET FROM POOL WATER EDGE
EXISTING RESIDENCE
EQ.
20'
16'
25'-6"
40'
15'-6"
8' WIDE SUNSHELF
SKIMMER
MAIN DRAIN 5½' DEEP
300W 12V LIGHT
INLET
MAIN RETURN
VACUUM
3' DEEP
BULLNOSE COPING
POOL PLAN
SCALE 1/4"=1'-0"
STEP SECTION
SCALE 1/2"=1'-0"
SEE SLAB PLAN FOR REINFORCEMENT
2' thru brick w/ sand patio thru around perimeter of pool by others
RESIDENTIAL POOL FOR
DILIDO ENT.
16 WEST DILIDO DRIVE
MIAMI BEACH, FLORIDA
KENNETH R. PFEIFFER, P.E.
9355 S.W. 77th AVENUE
APARTMENT 1642
MIAMI, FLORIDA 33156
(305) 271-0863
LEGAL:
LOT 9 OF BLOCK 1
DILIDO
PLAT BOOK 8 AT PAGE 36
DADE COUNTY
GREENBROOK POOLS, INC.
1360 MADRUGA AVENUE
CORAL GABLES, FLORIDA 33146
(305) 661-2787
SHEET 1 of 3
SEAL

02

02

SHEET 1 of 3

GREENROOK POOLS, INC.
896 MADRIDA AVENUE
CORAL GABLES, FLORIDA 33146
(305) 661-6721

LEGAL:
LOT 9
DILIDO
OF BLOCK 1
PLAT BOOK 8
AT PAGE 39
DADE COUNTY

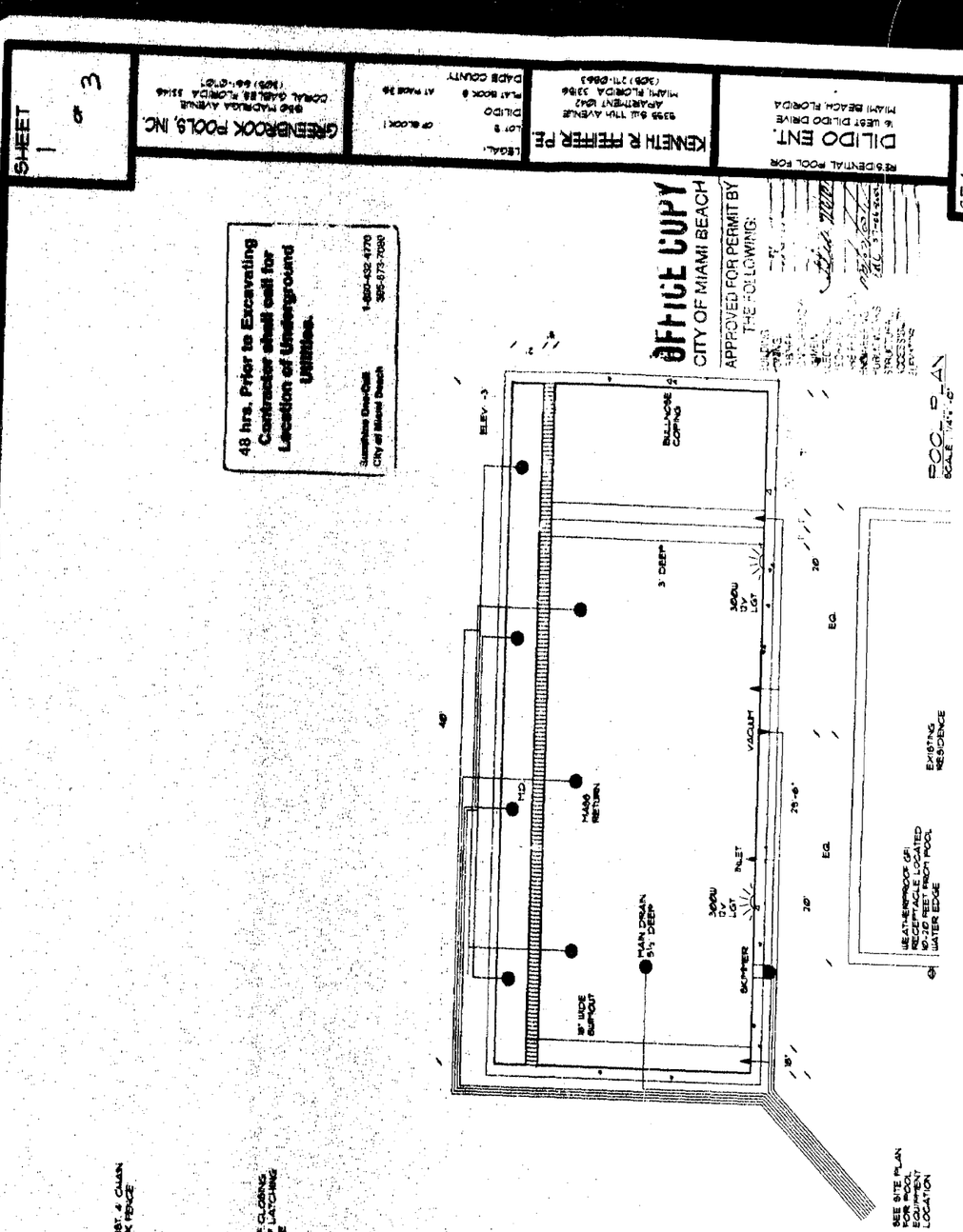
KENNETH R FEIFFER PE
5939 SW 77TH AVENUE
APARTMENT 1041
MIAMI FLORIDA 33156
(305) 271-0663

REISDENTIAL POOL FOR
DILIDO ENT.
16 WEST DILIDO DRIVE
MIAMI BEACH, FLORIDA

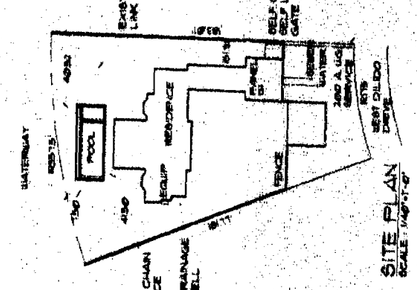
SEAL

48 hrs. Prior to Excavating
Contractor shall call for
Location of Underground
Utilities.
Sunshine Dial-Out
City of Miami Beach
1-800-432-4770
305-573-7080

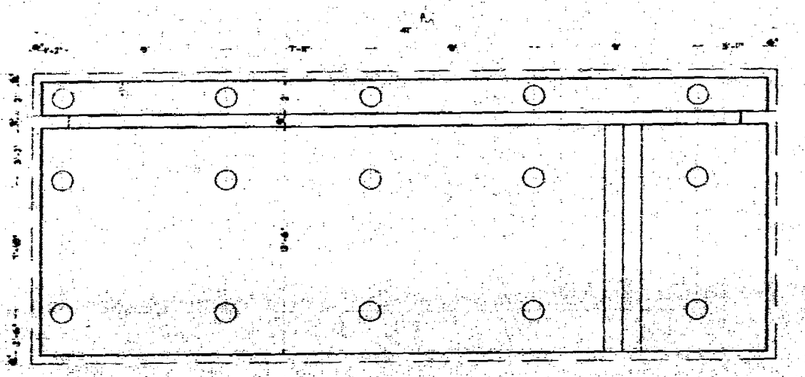
OFFICE COPY
CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY
THE FOLLOWING:



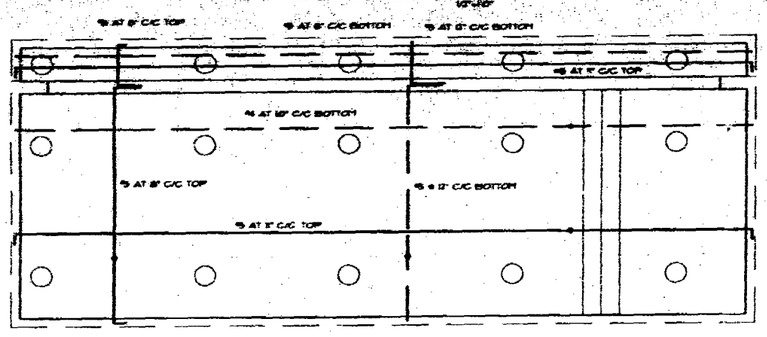
POOL PLAN
SCALE: 1/4"=1'-0"



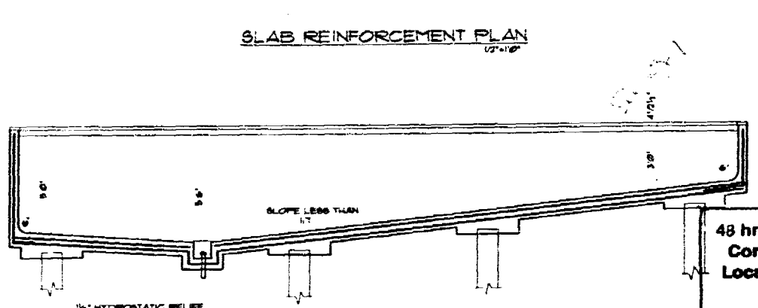
SITE PLAN
SCALE: 1/16"=1'-0"



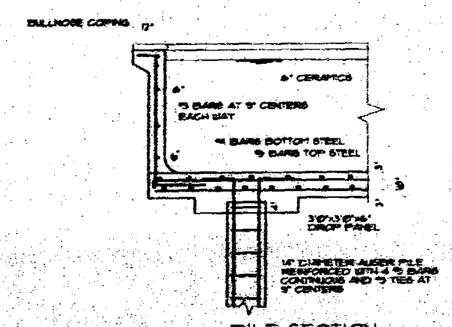
POOL PILING PLAN
1/2"=1'0"



SLAB REINFORCEMENT PLAN
1/2"=1'0"



POOL SECTION
NTS



PILE SECTION
NTS

STRUCTURAL NOTES:

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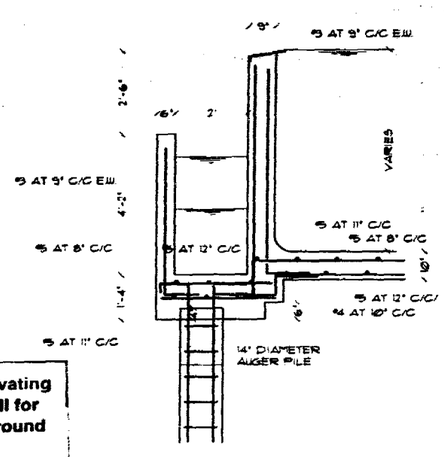


VANISHING EDGE SECTION
1/2"=1'0"

48 hrs. 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

SHEET 2 OF 3

GREENBROOK POOLS, INC.
9340 HADRUGA AVENUE
CORAL GABLES, FLORIDA 33146
(305) 661-8787

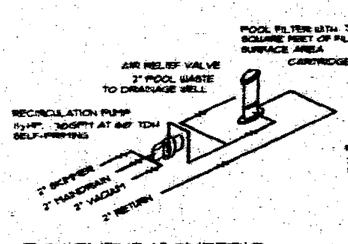
LEGAL: LOT 9 OF BLOCK
DILIDO
PLAT BOOK 8 AT PAGE 36
DADE COUNTY

KENNETH R. PFEIFFER, P.E.
9295 SW 17th AVENUE
APARTMENT 1042
MIAMI, FLORIDA 33186
(305) 271-0863

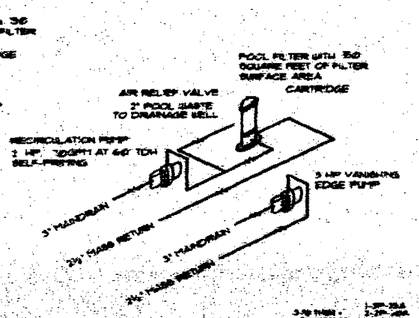
RESIDENTIAL POOL FOR
DILIDO ENT.
16 WEST DILIDO DRIVE
MIAMI BEACH, FLORIDA

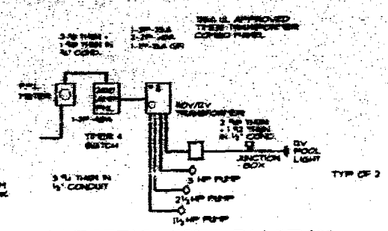
SEAL
KENNETH R. PFEIFFER P.E.
CIVIL ENGINEER
JUNE 5th, 200'
DATE

02



EQUIPMENT ISOMETRIC
NO SCALE

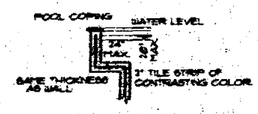




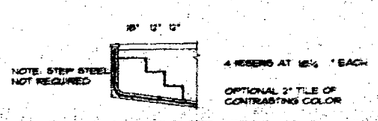
NOTE: PROVIDE 1/0 BARE COPPER BOND WIRE CONTINUOUS FROM LIGHT TO POOL STEEL. (3 POINTS 120 DEGREES APART) TO DECK STEEL (WHERE PROVIDED) TO EQUIPMENT BONDING.

NOTE: ELECTRICAL SERVICE IS ADEQUATE FOR THE PROPOSED ADDITIONAL POOL EQUIPMENT LOAD.

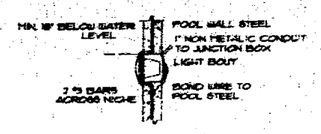
ELECTRIC RISER DIAGRAM
NO SCALE



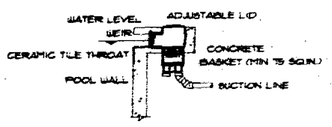
SWIMOUT DETAIL
NO SCALE



STEP DETAIL
NO SCALE



UNDERWATER LIGHT DETAIL
NO SCALE



SKIMMER DETAIL
NO SCALE

PLUMBING NOTES:

1. ALL POOL AND EQUIPMENT PIPING SHALL BE SCHEDULE 40, PVC-TEL NON-THREADED, NSF APPROVED SUPPORTED CONTINUOUSLY ON GROUND OR ON MAXIMUM 4'0" CENTERS WITH CLEVIS HANGERS.
2. ALL SUCTION PIPING FITTINGS LOCATED BELOW GRADE SHALL BE 45 DEGREE BENDS.
3. ALL SUCTION PIPING SHALL BE 2" DIAMETER AND ALL PRESSURE PIPING 1 1/2" DIAMETER UNLESS OTHERWISE NOTED
4. POOL WATER DISPOSAL SHALL BE IN ACCORDANCE WITH ARTICLE 840.43 OF THE SOUTH FLORIDA BUILDING CODE.
5. ANTI VORTEX MAINDRAINS SHALL HAVE ITS PLATE SECURELY FASTENED WITH TAMPERPROOF SCREWS
6. A 12"x12" MAINDRAIN GRATE MAY BE SUBSTITUTED FOR ANTIVORTEX TYPE.

ELECTRICAL NOTES:

1. ALL POOL ELECTRICAL WORK SHALL BE ACCOMPLISHED IN COMPLIANCE WITH NATIONAL ELECTRICAL CODE.
2. ALL ELECTRICAL GROUNDING AND BONDING SHALL CONFORM TO ARTICLE 680 OF THE NATIONAL ELECTRICAL CODE.
3. NO OVERHEAD WIRING SHALL BE LOCATED WITHIN 15'0" OF POOL'S WATER EDGE.
4. SHOULD THE ELECTRICAL RISER DIAGRAM NOT ACCURATELY DEPICT REQUIRED WORK, A REVISED DRAWING SHALL BE SUBMITTED AND APPROVED SHOWING EXPECTED AS BUILT CONFIGURATION WITH ADDITIONAL SERVICE AND LOAD CALCULATIONS, IF NECESSARY.

STRUCTURAL NOTES:

1. ALL POOL CONCRETE SHALL DEVELOP A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI
2. ALL REINFORCING STEEL SHALL HAVE A MINIMUM YIELD STRENGTH OF 60,000 PSI
3. ALL DECK CONCRETE (WHEN INSTALLED UNDER THESE PLANS) SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 2500 PSI
4. THE DESIGN OF THIS PROJECT HAS INCORPORATED A RATIONAL DESIGN APPROACH BASED ON ACCEPTED ENGINEERING PRINCIPALS

POOL, SPA AND HOT TUB BARRIERS:

ALL POOLS, SPAS AND HOT TUBS SHALL COMPLY WITH SECTION 5409.17 OF THE BRC AND SPECIFICALLY 5409.13 (B)1(A)1 ALL DOOR WITH ACCESS TO THE POOL SHALL BE EQUIPPED WITH AN ALARM WHICH PRODUCES AN AUDIBLE WARNING WHEN THE DOOR OR ITS SCREEN IS BEING OPENED. THE ALARM SHALL SOUND CONTINUOUSLY FOR A MINIMUM OF 30 SECONDS AFTER THE DOOR IS OPENED AND BE CAPABLE OF EMITTING A SOUND OF SUFFICIENT VOLUME TO BE HEARD IN THE DWELLING. THE ALARM SHALL BE EQUIPPED WITH A MANUAL MEANS TO TEMPORARILY DEACTIVATE THE ALARM FOR A SINGLE OPENING. THE DEACTIVATION SWITCH SHALL BE LOCATED AT LEAST 54 INCHES ABOVE THE THRESHOLD OF THE DOOR.

SAFETY NOTES:

1. A PERMANENT SAFETY WARNING SIGN SHALL BE PROVIDED AT ALL SWIMMING POOL AND SPA AREAS READILY VISIBLE FROM THE POOL AREA IN ACCORDANCE WITH APPENDIX K ANSI NSPI-5-75.
2. THE WARNING SIGN, AS PER ITEM 1 ABOVE, SHALL WARN AGAINST SHALLOW WATER DIVING, THE PREVENTION OF DROWNING AND SHALL INCLUDE THE FOLLOWING STATEMENT:

"THERE IS NO SUBSTITUTION FOR ADULT SUPERVISION OF SMALL CHILDREN. IT IS STRONGLY RECOMMENDED THAT AT LEAST ONE ADULT RENDERING CHILD SUPERVISION BE TRAINED IN ARTIFICIAL RESPIRATION AND/OR CARDIOPULMONARY RESUSCITATION (CPU)."

3. ALL DOORS AND WINDOWS WITH DIRECT ACCESS TO THE POOL AREA SHALL BE EQUIPPED WITH AN ALARM WHICH PRODUCES AN AUDIBLE ALARM WHEN THE DOOR OR ITS SCREEN IS OPEN.
4. THE POOL AND/OR SPA SHALL NOT BE FILLED WITH WATER UNTIL A SEPARATE PERMIT HAS BEEN OBTAINED FOR AN APPROVED SAFETY BARRIER, INCLUDING A SPRING-LOCK SELF-CLOSING GATE.

OFFICE COPY
CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY THE PLANNING DEPARTMENT

POOL DATA:

SURFACE AREA (SQ.FT.)	540
VOLUME (GALLONS)	18000
TURNOVER (HOURS)	12
PERIMETER (FEET)	101
DECK AREA (SQ.FT.)	BY OTHERS

48 hrs. Prior to Excavating Contractor shall call for Location of Underground Utilities.

Sunshine One-Call 1-800-432-4770
City of Miami Beach 305-[illegible]

SEAL
KENNETH R. PFEIFFER PE
CIVIL ENGINEER
22[illegible]
JUNE 5th 200[illegible]
DATE

SHEET 3 OF 3

GREENBROOK POOLS, INC.
1550 MADRUGA AVENUE
CORAL GABLES, FLORIDA 33146
(305) 661-0707

LEGAL
LOT _____ OF BLOCK _____
PLAT BOOK _____ AT PAGE _____
MIAMI-DADE COUNTY, FLORIDA

KENNETH R. PFEIFFER, P.E.
9395 S.W. 7TH AVENUE
APARTMENT 1042
MIAMI, FLORIDA 33156
(305) 271-0863

RESIDENTIAL POOL FOR
DILIDO ENT.
16 WEST DILIDO DRIVE
MIAMI BEACH, FLORIDA

02

02

OFFICE B010-3723

B010-3723
1672 Dilido Dr

PERMIT #

B0204320

48

CITY OF MIAMI BEACH

Miami Beach, Florida

Receipt of Payment

Building Work Permit

07/25/2002

Receipt

Activity Number: B02061320

Status: APPROVED

Date Issued: 07/25/2002 Date Expired: 01/21/2003 Entered By: [illegible]

Site Address: 16 W DILIDO DR MIC H

Parcel #: 02320110000

Balance Due: $0.00

Valuation: $15,000.00

Applicant: THE FLOORING CENTER INC

2150 NORTH DIXIE HWY

HOLLYWOOD FL 33020

305-925-6406

Owner: DILIDO ENTERPRISES INC

901 BRICKELL KEY DRIVE # 407

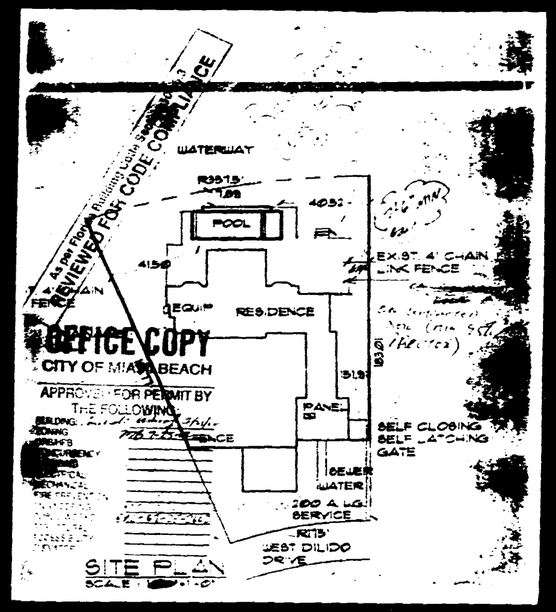
MIAMI FL 33132-2000

Description: INSTALL BRICK PAVERS AS SHOWN ON PLAN. PER DESIGN

Payments made for this receipt

Current Payment Made to the Following Items

Account Summary for Fees and Payments



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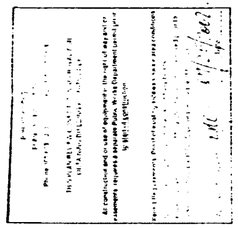
B0904320
16 W DILIDO DR



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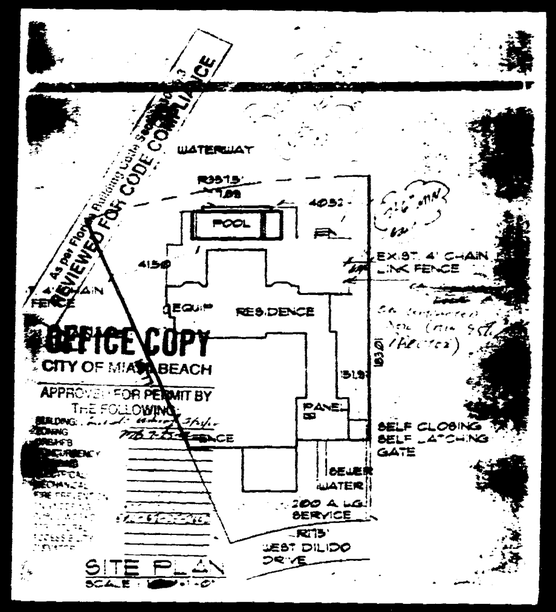

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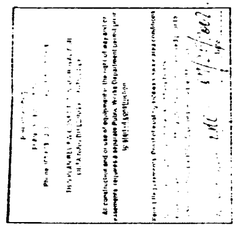

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