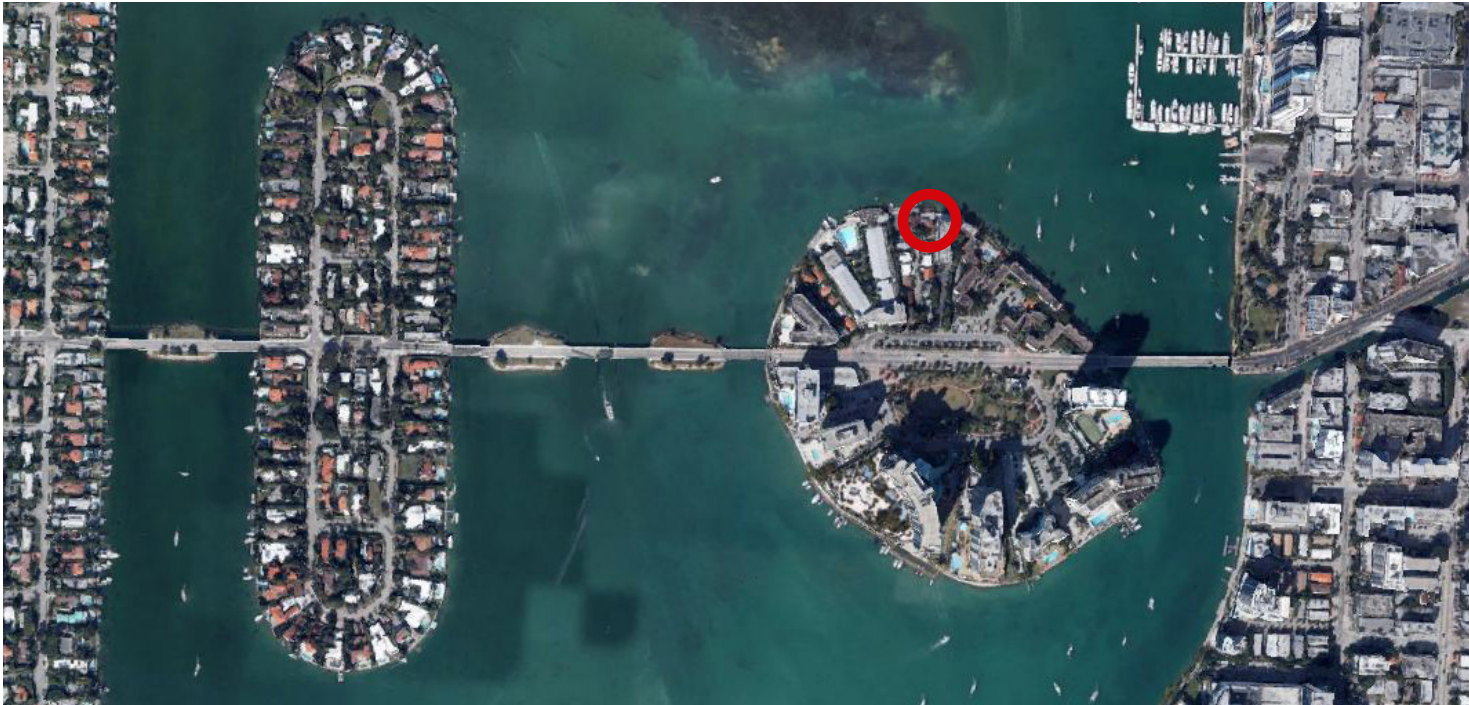
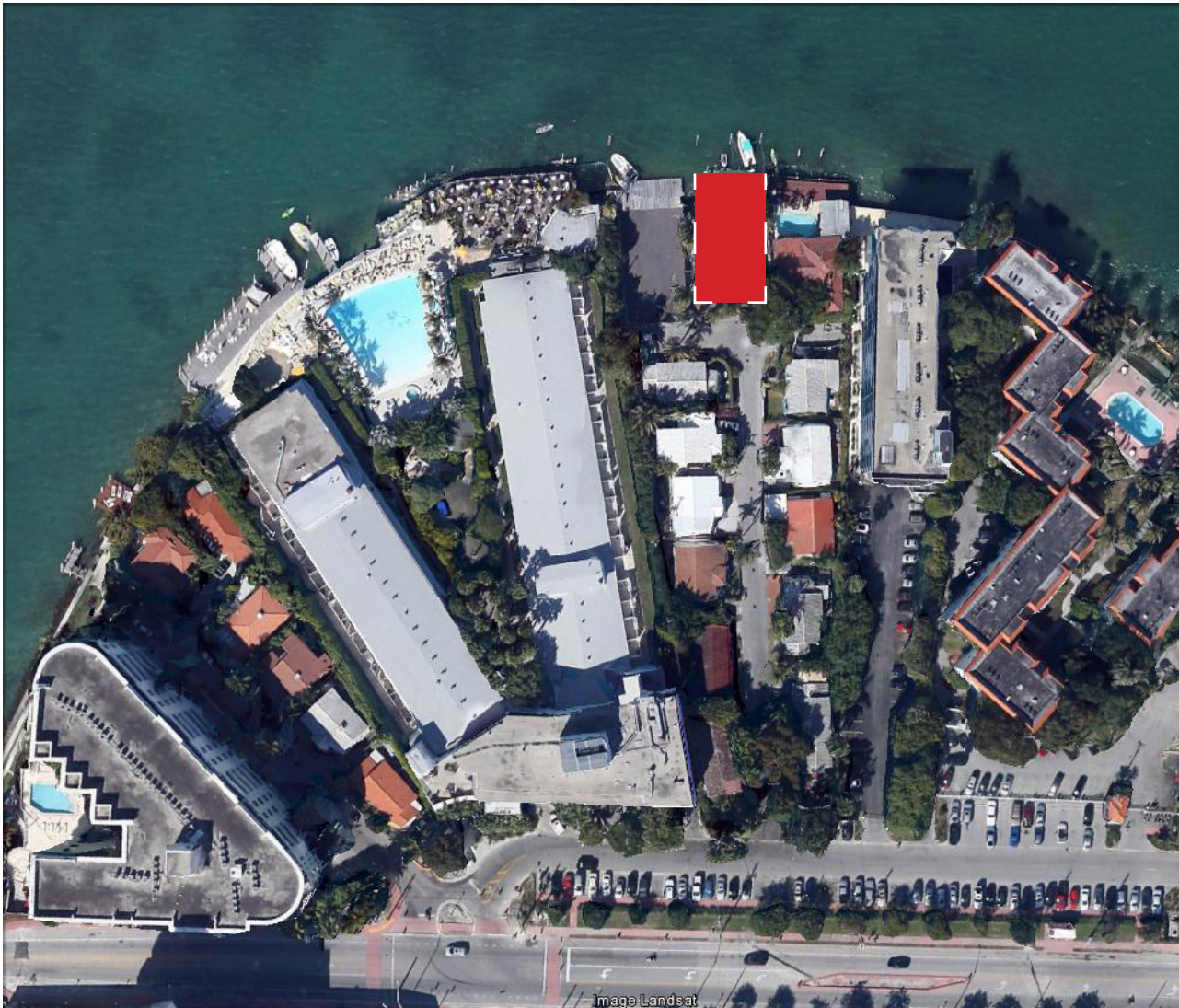




## AERIAL VIEW OF VENETIAN ISLANDS



## AERIAL VIEW OF BELLE ISLE



## AERIAL VIEW OF SITE

DEVELOPER, SPECIFICATION AND OTHER DOCUMENTS PREPARED BY THE ARCHITECT AND THE ARCHITECTS CONSULTANTS ARE INSTRUMENTS OF SERVICE FOR THE USER SOLELY WITH RESPECT TO THE PROJECT. IT IS A CONDITION OF THE USER'S EMPLOYMENT OF THE ARCHITECT AND THE ARCHITECTS CONSULTANTS THAT THE ARCHITECT AND THE ARCHITECTS CONSULTANTS, TOGETHER WITH THE USER, SHALL BE RESPONSIBLE FOR THE ENTIRE PROJECT. THE ARCHITECT AND THE ARCHITECTS CONSULTANTS SHALL NOT BE RESPONSIBLE FOR THE USER'S NEGLIGENCE OR FOR THE USER'S FAILURE TO OBTAIN NECESSARY PERMITS OR FOR THE USER'S FAILURE TO OBTAIN NECESSARY FINANCING OR FOR THE USER'S FAILURE TO OBTAIN NECESSARY INSURANCE OR FOR THE USER'S FAILURE TO OBTAIN NECESSARY TAXES OR FOR THE USER'S FAILURE TO OBTAIN NECESSARY UTILITIES OR FOR THE USER'S FAILURE TO OBTAIN NECESSARY SERVICES OR FOR THE USER'S FAILURE TO OBTAIN NECESSARY MATERIALS OR FOR THE USER'S FAILURE TO OBTAIN NECESSARY LABOR OR FOR THE USER'S FAILURE TO OBTAIN NECESSARY EQUIPMENT OR FOR THE USER'S FAILURE TO OBTAIN NECESSARY TRANSPORTATION OR FOR THE USER'S FAILURE TO OBTAIN NECESSARY COMMUNICATIONS OR FOR THE USER'S FAILURE TO OBTAIN NECESSARY UTILITIES OR FOR THE USER'S FAILURE TO OBTAIN NECESSARY SERVICES OR FOR THE USER'S FAILURE TO OBTAIN NECESSARY MATERIALS OR FOR THE USER'S FAILURE TO OBTAIN NECESSARY LABOR OR FOR THE USER'S FAILURE TO OBTAIN NECESSARY EQUIPMENT OR FOR THE USER'S FAILURE TO OBTAIN NECESSARY TRANSPORTATION OR FOR THE USER'S FAILURE TO OBTAIN NECESSARY COMMUNICATIONS.

**RENE GONZALEZ** architect  
670 NE 50 TERRACE MIAMI, FLORIDA 33137  
T: 305.762.5895 F: 305.762.5893  
WWW.RENEGONZALEZARCHITECT.COM  
AA # 0003351  
AR # 0016824

8 FARREY LANE  
8 FARREY LANE  
MIAMI BEACH FLORIDA 33139

DATE: 08.12.16  
SCALE: AS NOTED  
REVISIONS:

## SITE DOCUMENTATION

## A-0.1



CONTRACTS, SPECIFICATIONS AND OTHER DOCUMENTS COMPLEMENTED BY THE ARCHITECT AND THE ARCHITECTS' CONSULTANTS ARE INSTRUMENTS OF SERVICE FOR THE OWNER. THEY ARE NOT CONTRACTS BETWEEN THE ARCHITECT AND ANY PERSON, FIRM OR CORPORATION. THE ARCHITECT ASSUMES NO LIABILITY TO ANY PERSON, FIRM OR CORPORATION FOR THE SPECIALTY OF HIS CONSULTING AS ARCHITECT, BUT TO ALIEN AN IN IN THESE CONSTRUCTION DOCUMENTS. IN ANY WAY, THE ARCHITECT'S LIABILITY TO THE OWNER SHALL BE LIMITED TO THE EXTENT OF THE CONTRACT. THE ARCHITECT'S LIABILITY TO THE OWNER SHALL BE LIMITED TO THE EXTENT OF THE CONTRACT. THE ARCHITECT'S LIABILITY TO THE OWNER SHALL BE LIMITED TO THE EXTENT OF THE CONTRACT.



6 FARREY LANE - ACROSS THE STREET



7 FARREY LANE - NEXT DOOR



9 / 10 FARREY LANE



10 FARREY LANE

RENE GONZALEZ architect

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8 FARREY LANE

8 FARREY LANE  
MIAMI BEACH FLORIDA 33139

DATE: 08.12.16  
SCALE: AS NOTED  
REVISIONS:

## SITE DOCUMENTATION

## A-0.2





VIEW OF SITE ALONG FARREY STREET



VIEW OF SITE FROM ENTRY



VIEW OF DOCK FROM BAY

THESE PLANS, SPECIFICATIONS AND OTHER DOCUMENTS ARE PREPARED BY THE ARCHITECT FOR THE CLIENT'S USE. THEY ARE NOT TO BE USED FOR ANY OTHER PROJECT WITHOUT THE ARCHITECT'S WRITTEN CONSENT. THE ARCHITECT ASSUMES NO LIABILITY FOR ANY DAMAGE OR INJURY TO PERSONS OR PROPERTY ARISING FROM THE USE OF THESE PLANS, SPECIFICATIONS OR OTHER DOCUMENTS. THE ARCHITECT'S RESPONSIBILITY IS LIMITED TO THE DESIGN AND CONSTRUCTION OF THE BUILDING AND ITS MECHANICAL, ELECTRICAL AND PLUMBING SYSTEMS. THE ARCHITECT IS NOT RESPONSIBLE FOR THE DESIGN OR CONSTRUCTION OF ANY OTHER SYSTEMS OR FOR THE PERFORMANCE OF THE BUILDING OR ITS MECHANICAL, ELECTRICAL AND PLUMBING SYSTEMS. THE ARCHITECT'S DESIGN IS BASED ON THE INFORMATION PROVIDED BY THE CLIENT AND THE ARCHITECT ASSUMES NO LIABILITY FOR ANY DAMAGE OR INJURY TO PERSONS OR PROPERTY ARISING FROM THE USE OF THESE PLANS, SPECIFICATIONS OR OTHER DOCUMENTS. THE ARCHITECT'S DESIGN IS BASED ON THE INFORMATION PROVIDED BY THE CLIENT AND THE ARCHITECT ASSUMES NO LIABILITY FOR ANY DAMAGE OR INJURY TO PERSONS OR PROPERTY ARISING FROM THE USE OF THESE PLANS, SPECIFICATIONS OR OTHER DOCUMENTS.

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AR # 0016824

**8 FARREY LANE**  
8 FARREY LANE  
MIAMI BEACH, FLORIDA 33139

DATE: 08.12.16  
SCALE: AS NOTED  
REVISIONS:

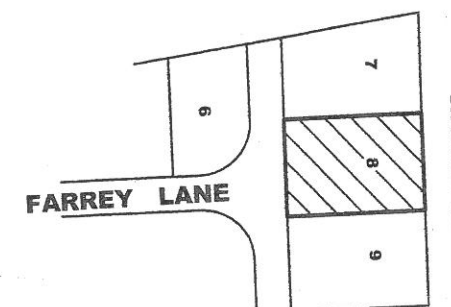
**SITE DOCUMENTATION**

**A-0.3**

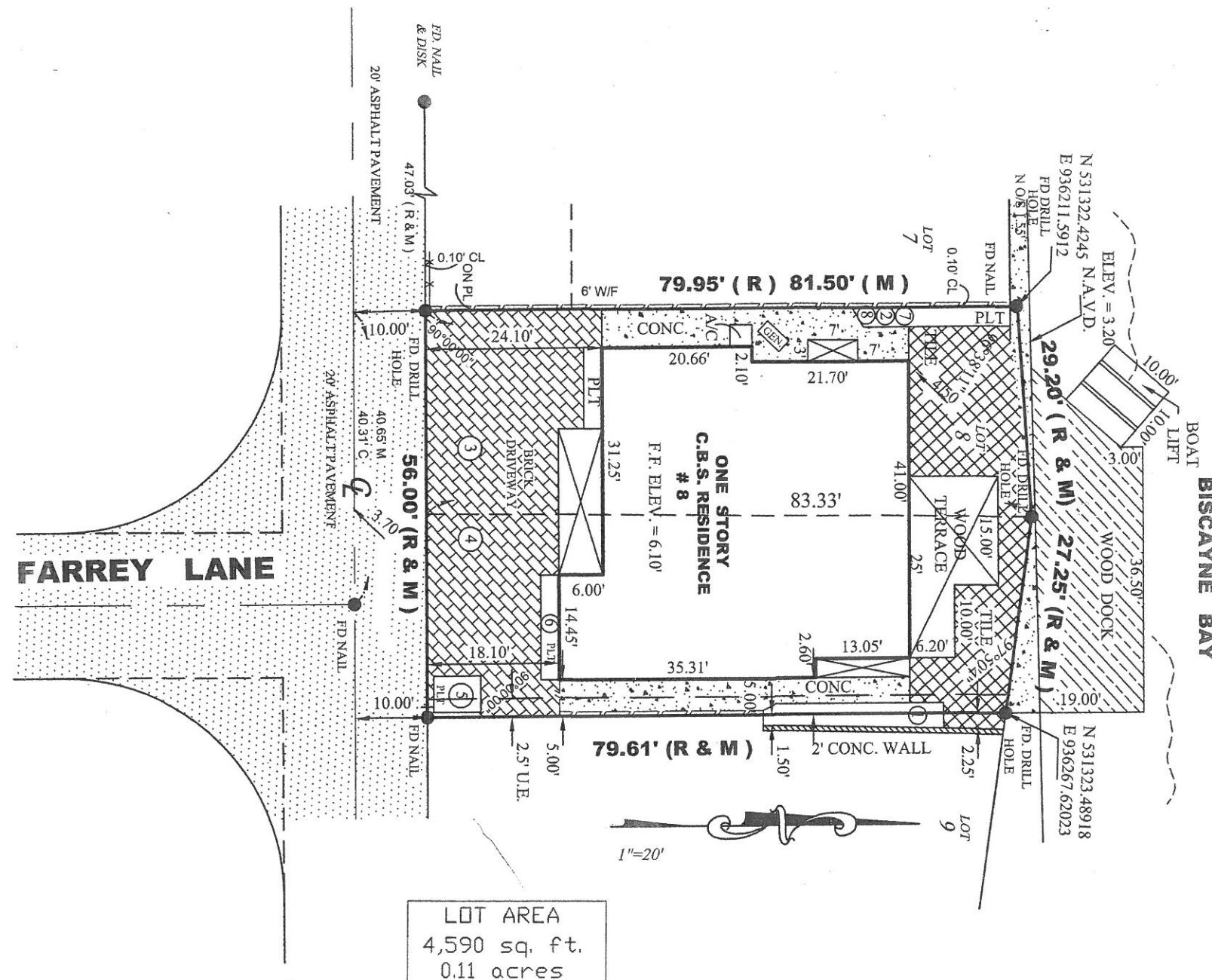


# LOCATION SKETCH SCALE: NTS

## AS-BUILT SURVEY



No.	NAME	DIAMETER	SPAN	HEIGHT
1	COCONUT PALM	0.8'	7'	27'
2	COCONUT PALM	0.8'	7'	27'
3	COCONUT PALM	0.8'	7'	27'
4	COCONUT PALM	0.8'	7'	27'
5	BLACK OLIVE TREE	3'	50'	35'
6	BIRD OF PARADISE	0.9'	10'	12'
7	CHRISTMAS PALM	0.45'	10'	17'
8	CHRISTMAS PALM	0.45'	10'	17'



### ABBREVIATIONS:

SWK=SIDEWALK, CBS=CONCRETE BLOCK STRUCTURE, CLF=CHAIN LINK FENCE, PL=PROPERTY LINE, DUE=DRAINAGE UTILITY EASEMENT, IP=IRON PIPE  
F=FOUND, A/C=AIR CONDITIONER PAD, P/C=PROPERTY CORNER, D/H=DRILLED HOLE, WF=WOODEN FENCE, RES=RESIDENCE, CL=CLEAR, RB=REBAR  
UE=UTILITY EASEMENT, CONC=CONCRETE SLAB, R/W=RIGHT OF WAY, DE=DRAINAGE EASEMENT, C/L=CENTER LINE, O=DIAMETER, TYP=TYPICAL  
M=MEASURED, R=RECORDED, ENCR=ENCROACHMENT, COMP=COMPUTER, ASH=ASPHALT, N/D=NAIL & DISC, S=SET, FEE=FINISH FLOOR ELEVATION  
O/S=OFFSET, P/P=POWER POLE, OHP=OVERHEAD POWERLINE, WM=WATER METER  
WOOD FENCE=  
MASONRY WALL=  
CONCRETE=  
MAINTENANCE & DRAINAGE EASEMENT=M & D.E.

ELEVATION BASED ON LOC. # 3245 SE  
CBM# D-169 ELV. 7.86' TYPE OF SURVEY: BOUNDARY SURVEY

**SURVEYOR'S NOTES:** 1) OWNERSHIP SUBJECT TO OPINION OF TITLE. 2) NOT VALID WITHOUT THE SIGNATURE AND RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER. 3) THE SURVEY DEPICTED HERE IS NOT COVERED BY PROFESSIONAL LIABILITY INSURANCE. 4) LEGAL DESCRIPTION PROVIDED BY CLIENT. 5) UNDERGROUND ENCROACHMENTS NOT LOCATED. 6) ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929. 7) OWNERSHIP OF FENCES ARE UNKNOWN. 8) THERE MAY BE ADDITIONAL RESTRICTIONS NOT SHOWN ON THIS SURVEY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. 9) CONTACT THE APPROPRIATE AUTHORITY PRIOR TO ANY DESIGN WORK FOR BUILDING AND ZONING INFORMATION. 10) EXAMINATION OF THE ABSTRACT OF TITLE WILL HAVE TO BE MADE TO DETERMINE RECORDED INSTRUMENTS, IF ANY, AFFECTING THIS PROPERTY.

Additions or deletions to survey maps or reports by other than the signing party or parties is prohibited without written consent of the signing party or parties.

BEARINGS WHEN SHOWN ARE REFERRED TO AN ASSUMED VALUE OF SAID PB 42 PAGE 100

Property Address: 8 Farrey Lane, Miami Beach, FL. 33139

Legal Description: Lot 8 of SECOND SECTION BELLE ISLE VILLAS, according to the Plat thereof, as recorded in Plat Book 42, Page 100, of the Public Records of Miami-Dade County, Florida.

NOT VALID UNLESS EMBOSSED WITH  
SURVEYOR'S SEAL



REVISED: 8/10/16  
FOR TREES

I HEREBY CERTIFY That the survey represented thereon meets the minimum technical requirements adopted by the STATE OF FLORIDA Board of Land Surveyors pursuant to Section 472.027 Florida Statutes.

There are no encroachments, overlaps, easements appearing on the plat or visible easements other than as shown hereon.

*Adis N. Nunez*  
ADIS N. NUNEZ  
REGISTERED LAND SURVEYOR  
STATE OF FLORIDA #5924

SINCE 1987

BLANCO SURVEYORS INC.

Engineers • Land Surveyors • Planners • LB # 0007059

555 NORTH SHORE DRIVE

MIAMI BEACH, FL 33141

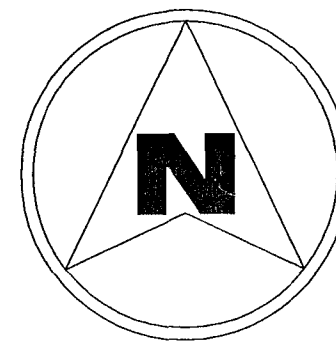
(305) 865-1200 Email: blancosurveyorsinc@yahoo.com Fax: (305) 865-7810

FLOOD ZONE: AE	SUFFIX: L	DATE: 9/11/09	BASE: 9'
PANEL: 0317	COMMUNITY #	120651	
DATE: 11/20/15	SCALE: 1" = 20'	DWN. BY: F. Blanco	JOB No 15-983



# RHODES RESIDENCE - INTERIOR

B1101995



## PROJECT LOCATION

SCOPE OF WORK
ALTERATION LEVEL II
1. PAINT INTERIOR 2. RELOCATE KITCHEN 3. NEW KITCHEN CABINETS, APPLIANCES, ELECT. OUTLETS, FIXTURES AND PLUMBING. 4. CHANGE EXISTING KITCHEN TO PANTRY 5. CHANGE EXISTING STORAGE TO WINE CLOSET 6. REMOVE EXISTING FRENCH DOOR AND ENCLOSE EXISTING FRENCH DOOR OPENING IN OFFICE AREA 7. REMOVE EXISTING FLOORING AND ADD NEW WOOD FLOORING IN KITCHEN AREA.
APPLICABLE CODES & REGULATIONS. JURISDICTION: MIAMI BEACH, FL. 1. 2007 FLORIDA BUILDING CODE (FBC). 2. 2007 FLORIDA PLUMBING CODE (FPC). 3. 2008 NATIONAL ELECTRIC CODE (NEC) 4. 2007 FLORIDA STATE ACCESSIBILITY CODE.

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

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

THIS PLAN REVIEW CONSTITUTES APPROVAL FOR  
OBTAINING BUILDING PERMITS ONLY.

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

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

Approved/Reviewed By: B. D. Wall Date: 3/10/11

OFFICE COPY  
CITY OF MIAMI BEACH

APPROVED FOR PERMIT BY  
THE FOLLOWING:

BUILDING: rm 3/3/11 3/10/11  
ZONING: 3/3/11 3/10/11  
DRB/HPB:  
CONCURRENCY:  
PLUMBING: 3/3/11 3/10/11  
ELECTRICAL: 3/3/11 3/10/11  
MECHANICAL:  
FIRE PREVENTION:  
ENGINEERING: 3/3/11 3/10/11  
PUBLIC WORKS: 3/3/11 3/10/11  
STRUCTURAL:  
ELEVATOR:

Rhodes Residence  
8 Farrey Lane  
MIAMI BEACH, FL 33139

PROJECT:

DRAWN BY :  
R. FALLS

REVISIONS:

SCALE: 1"=1/4"

DATE: 01/5/2011

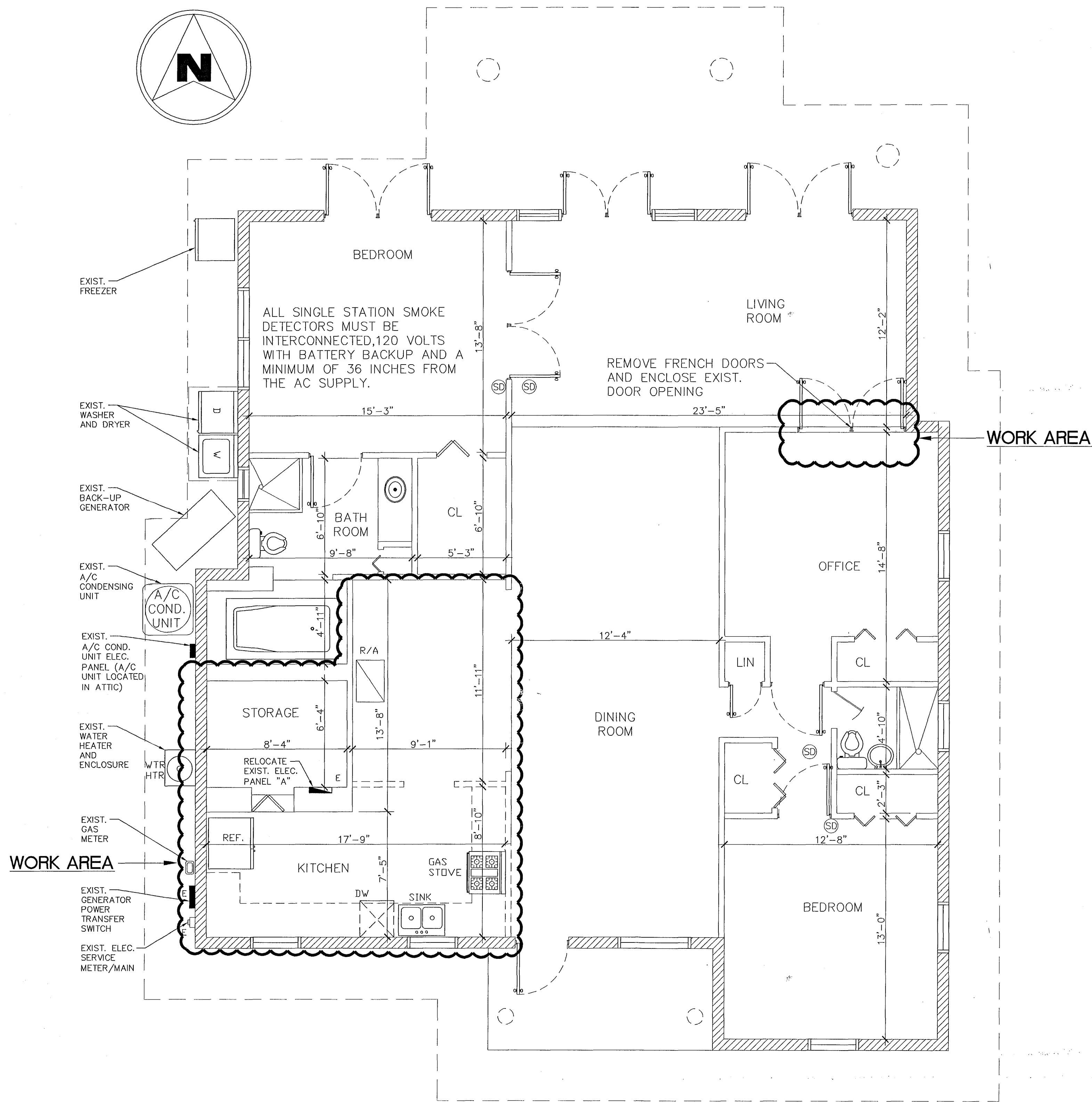
CONTAINS:

COVER  
SHEET

PAGE: #

A-0





**PROJECT:**

Rhodes Residence  
8 Farrey Lane  
MIAMI BEACH, FL 33139

**DRAWN BY :**

R. FALLS

**REVISIONS:**

**SCALE:** 1/4"

**DATE:** 01/5/2011

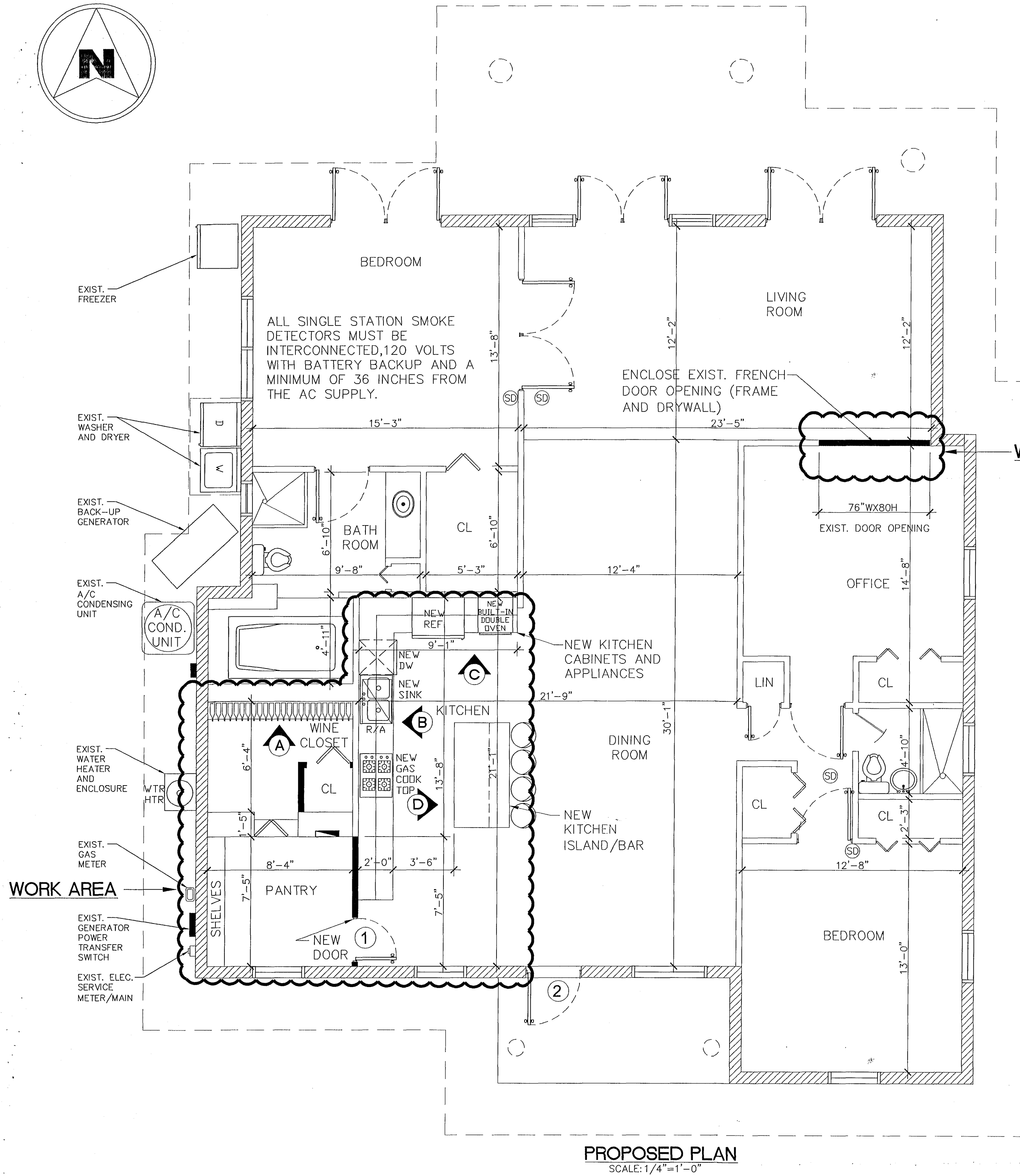
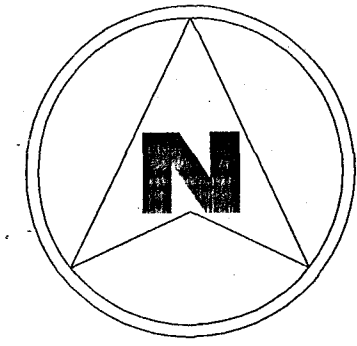
**CONTAINS:**

EXISTING  
INTERIOR  
PLAN

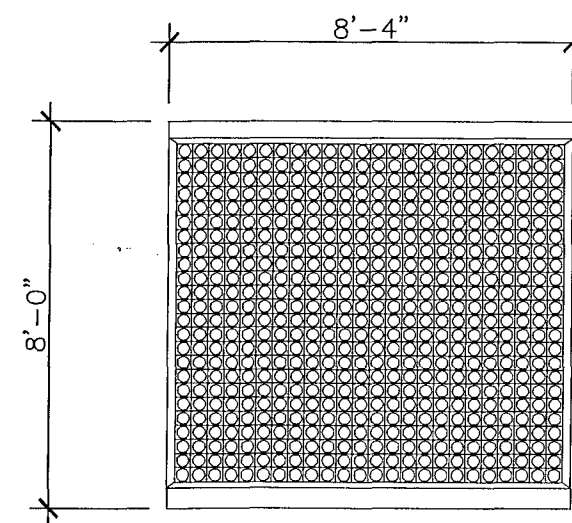
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A-1

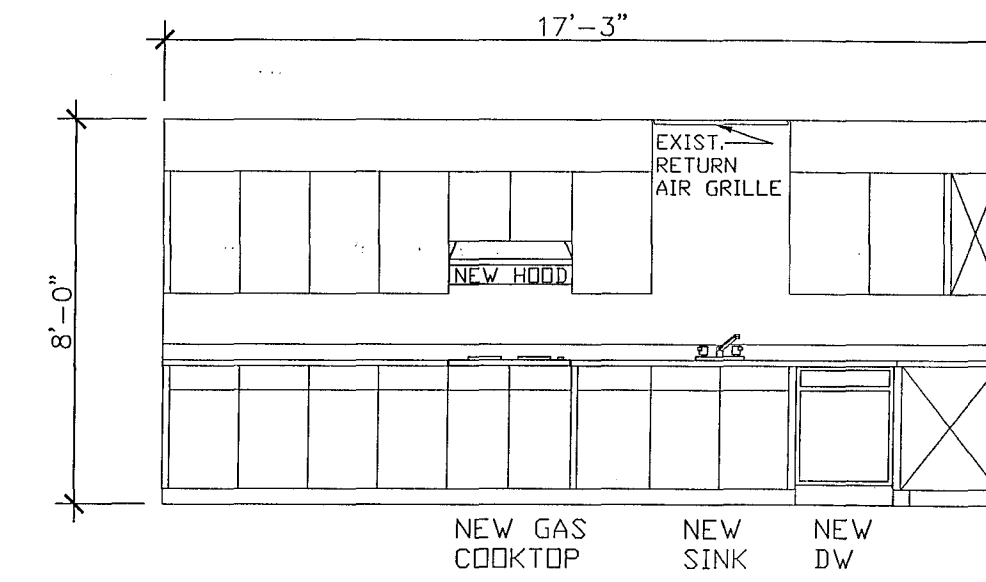




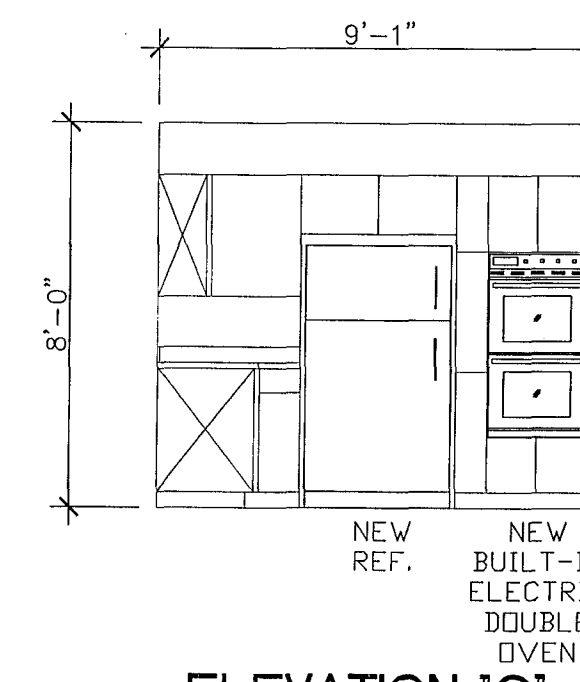
PROPOSED PLAN  
SCALE: 1/4"=1'-0"



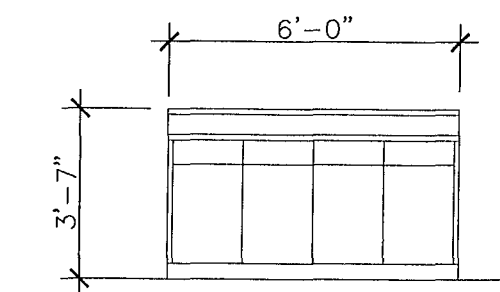
ELEVATION "A"  
PROP. WINE RACK WALL



ELEVATION "B"  
PROP. KITCHEN CABINETS

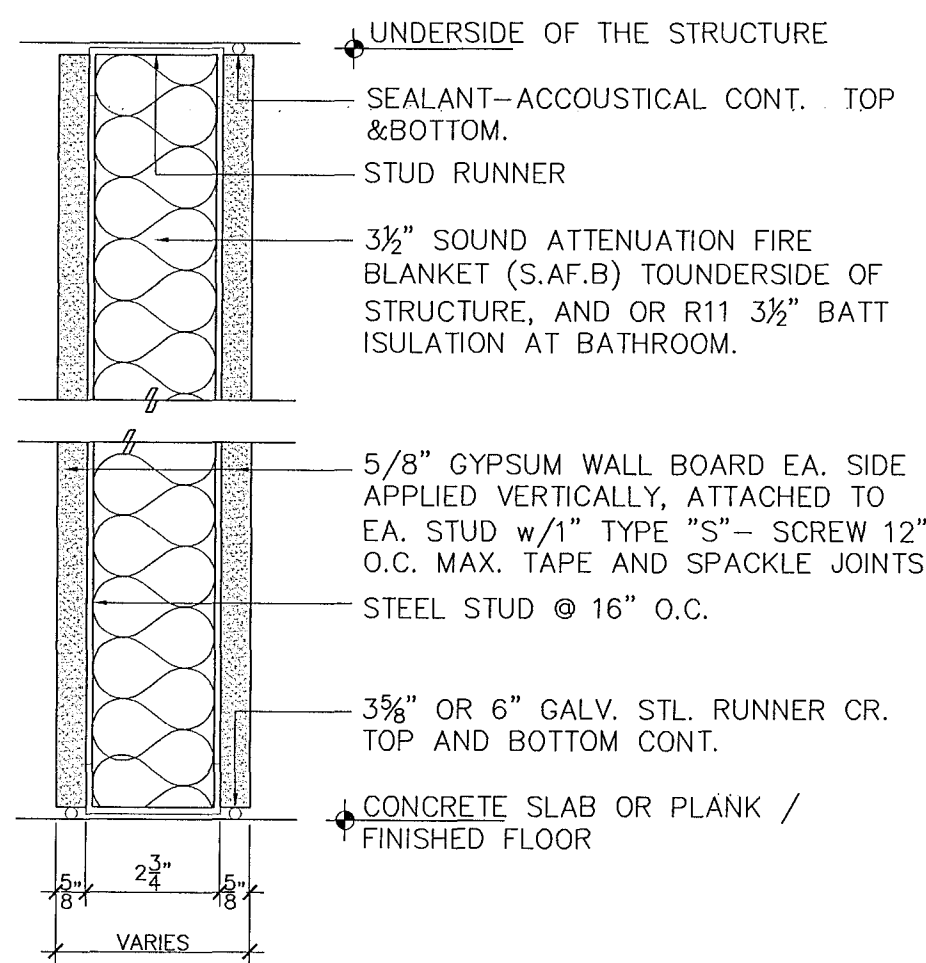


ELEVATION "C"  
PROP. KITCHEN CABINETS



ELEVATION "C"  
PROP. KITCHEN ISLAND / BAR

NON RATED WALL PARTITION

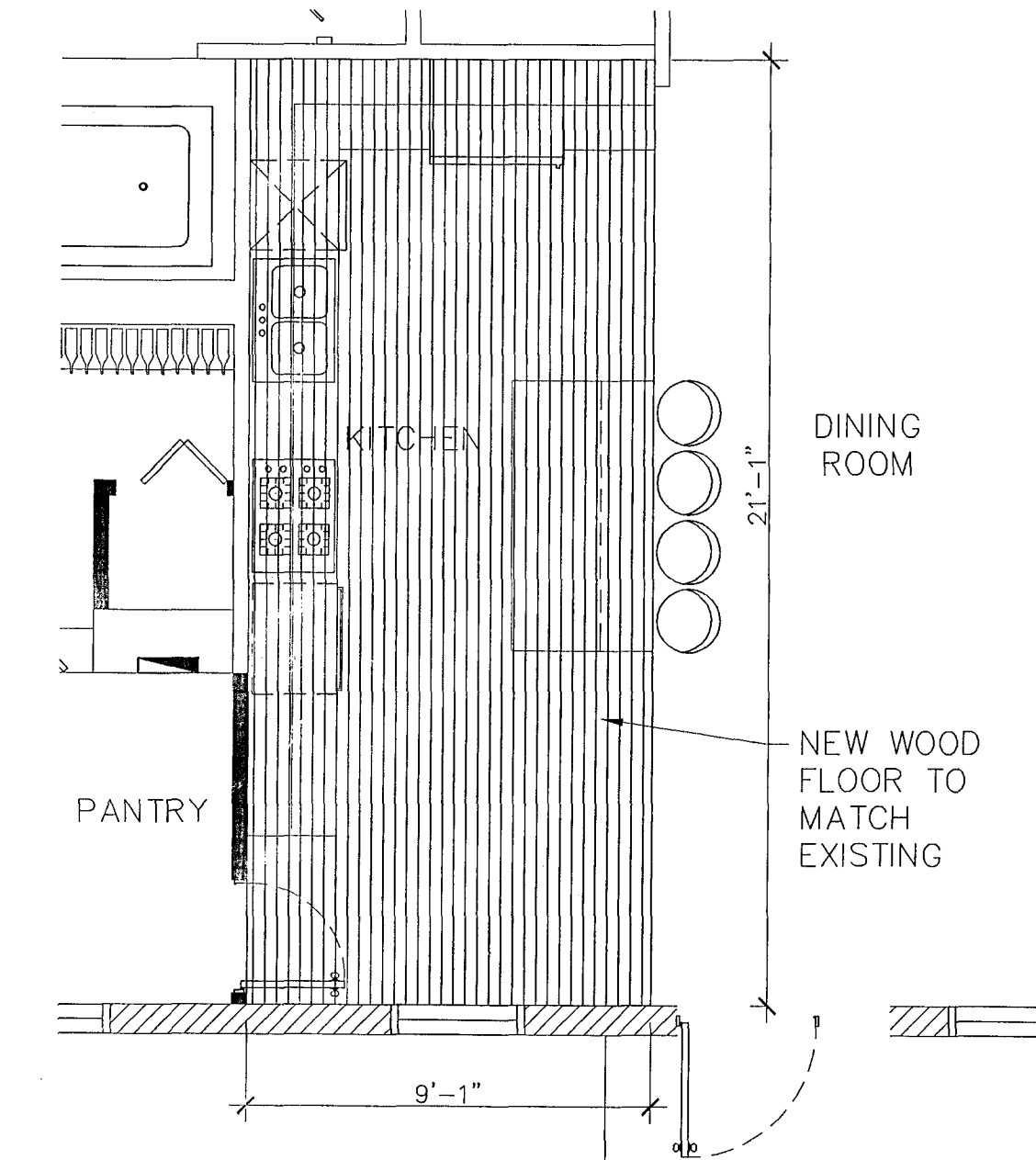
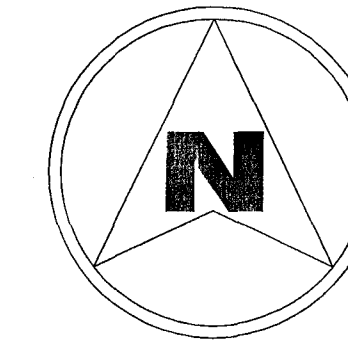


DOOR SCHEDULE

NO.	QTY.	SIZE	TYPE	REMARKS
①	1	30"x80"	HOLLOW CORE WOOD	NEW
②	1	36"x80"	SINGLE GLASS DOOR	NEW (HURRICANE PROOF)

LEGEND:

- NEW. NON RATED PARTITION WALL
- EXIST. SMOKE DETECTOR



NEW FLOORING PLAN  
SCALE: 1/4"=1'-0"

Rhodes Residence  
8 Farrey Lane  
MIAMI BEACH, FL 33139

PROJECT:

DRAWN BY :  
R. FALLS

REVISIONS:

SCALE: 1/4"

DATE: 01/5/2011

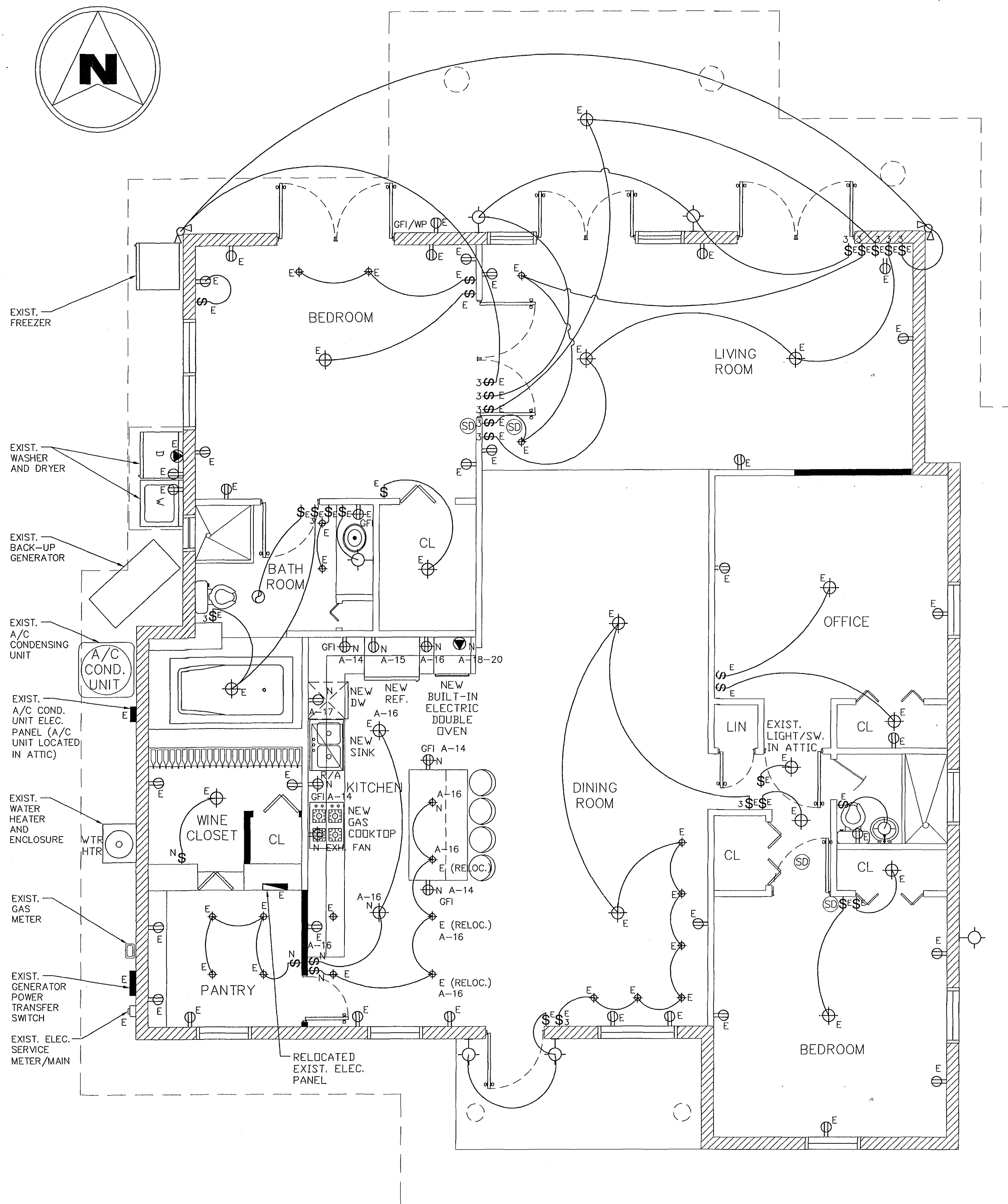
CONTAINS:

PROPOSED  
INTERIOR  
PLAN

PAGE: #

A-2





**PROPOSED ELECTRICAL PLAN**  
SCALE: 1/4"=1'-0"

**ELECTRICAL NOTES:**

1. PROVIDE APPROVED FIRE STOPPING MATERIALS AT ALL PENETRATIONS THROUGH FIRE RATED WALLS TO PREVENT THE PASSAGE OF SMOKE, FIRE, TOXIC GAS OR WATER THROUGH THE PENETRATION EITHER BEFORE, DURING OR AFTER A FIRE.
2. ALL LIGHT FIXTURES WILL BE PROVIDED BY THE OWNER.
3. PROVIDED ARC-FAULT CIRCUIT INTERRUPTER TYPE BREAKER FOR ALL ADDED OUTLETS, AS PER NEC 2008 SECTION 210-12. ALL ADDED RECEPTACLES TO BE TAMPER RESISTANT AS PER NEC 2008 SECTION 406.11.
4. ALL SINGLE STATION SMOKE DETECTORS MUST BE INTERCONNECTED, 120 VOLTS WITH BATTERY BACKUP AND A MINIMUM OF 36 INCHES FROM THE AC SUPPLY.

SERVICE: 120/240V, 1Ø, 3W				<b>EXISTING</b>				MAIN BUS: 200 AMPS			
MOUNTING: SURFACE				<b>PANEL A</b>				NEUTRAL: FULL			
POLES: 20				CHALLENGER SL-20 (20-40)				MAINS: MLO			
				MODEL #3 TYPE 1				A.I.C. 10K			
LOAD K.V.A.	TRIP POLE	CON- DUIT	WIRE	REMARKS	CKT NO	CKT NO	REMARKS	WIRE	CON- DUIT	TRIP POLE	LOAD K.V.A.
0.5	20-1	1/2	12	LIV. RM. OUTLETS	1	2	A/C	6	3/4	50-2	7.5
1.5	15-2	1/2	12	OUTSIDE WASHER/	3	4					
				FREEZER	5	6	MASTER BDRM/BDRM	12	1/2	20-1	1.5
5.0	20-1	1/2	12	DRYER	7	8	MASTER BDRM	12	1/2	20-1	1.5
					9	10	OUTSIDE JET SKI LIFT	12	1/2	20-1	0.5
0.5	20-1	1/2	12	LIGHTS AND RECEPT.	11	12	BATHROOM GFI REC.	12	1/2	20-1	0.5
0.5	20-2	1/2	12	LIGHTS AND RECEPT.	13	14	SMALL APPLIANCES	12	1/2	20-1	1.5
1.2	20-1	1/2	12	REFRIGERATOR	15	16	SMALL APPLIANCES	12	1/2	20-1	1.5
1.2	20-2	1/2	12	DISHWASHER	17	18	BUILT-IN DOUBLE OVEN	10	1/2	30-2	5.0
0.5	20-1	1/2	12	LIGHTS AND RECEPT.	19	20					
10.9				GENERAL LIGHTING LOAD							12.0
-				AIR CONDITIONING LOAD							-
GENERAL LIGHTING LOAD = 22,900 VA											
• FIRST 10 KVA AT 100% 10,000 VA											
• REST 12,900 VA AT 40% 5,160 VA											
SUB TOTAL = 15,160 VA											
• AHU AT 100% = 7,500 VA 7,500 VA											
TOTAL = 22,660 VA											
I <sub>L</sub> = 22,660 VA % 240V = 94.4 A											

**GENERAL ELECTRICAL NOTES**

- A. GENERAL PROVISIONS**
1. THE WORK SHALL CONSIST OF FURNISHING LABOR, EQUIPMENT, AND MATERIALS TO PROVIDE THE COMPLETE INTEGRATED AND PROPER FUNCTIONS SYSTEMS AS SHOWN ON THE DRAWINGS.
  2. ALL WORK SHALL BE DONE IN CONFORMANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS AND ORDINANCES.
  3. ALL EQUIPMENT AND MATERIALS PROVIDED SHALL BE NEW AND IN CONFORMANCE WITH APPLICABLE PROVISIONS OF NEMA, ANSI, U.L., ETC.
  4. THE ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH THAT OF OTHER TRADES SO AS TO AVOID INTERFERENCES.
  5. THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL LAYOUT OF ELECTRICAL SYSTEMS. FIELD VERIFICATIONS OF DIMENSIONS IS DIRECTED.
  6. SECURE PERMITS AND INSPECTIONS REQUIRED BY STATE AND LOCAL LAWS AND ORDINANCES.
  7. UPON COMPLETION OF THE WORK, FURNISH TO THE OWNER CERTIFICATES OF FINAL INSPECTIONS AND APPROVALS FROM AUTHORITIES HAVING JURISDICTION.
- B. RACEWAYS**
1. NOT IN USE.
  2. MINIMUM CONDUIT SIZE SHALL BE 1/2" TRADE SIZE.
  3. USE FLEXIBLE CONDUIT FOR SHORT FINAL CONNECTIONS TO VIBRATING EQUIPMENT SUCH AS MOTORS AND TRANSFORMERS. LIQUID-TIGHT FLEXIBLE CONDUIT SHALL BE USED IN DAMP AND WET LOCATIONS.
  4. EXPOSED CONDUITS SHALL BE RUN PARALLEL TO BUILDING LINES.
  5. DO NOT INSTALL CONDUITS LARGER THAN 1/3 THE SLAB THICKNESS IN CONCRETE SLABS.
  6. PROVIDE APPROVED FIRE STOPPING MATERIALS AT ALL PENETRATIONS THROUGH FIRE RATED FLOORS AND WALLS TO PREVENT THE PASSAGE OF SMOKE, FIRE, TOXIC GAS OR WATER THROUGH THE PENETRATION EITHER BEFORE, DURING OR AFTER A FIRE, AS REQUIRED BY ARTICLE 300-21 OF THE N.E.C.
  7. PROVIDE CABLE SUPPORTS IN ACCORDANCE WITH ARTICLE 300 OF THE N.E.C.
  8. PROVIDE EXPANSION FITTINGS IN CONDUIT STRUCTURAL EXPANSION JOINTS.
- C. CONDUCTORS**
1. ALL WIRING SHALL BE COPPER.
  2. CONDUCTORS SHALL BE RATED 600V. WITH TYPE THWN INSULATION.
  3. WIRES SIZE #10 AWG AND SMALLER SHALL BE SOLID CONDUCTOR. WIRES SIZE #8 AND LARGER SHALL BE STRANDED.
  4. MINIMUM CONDUCTORS SIZE SHALL BE #14 AWG.
- D. LIGHTING PANELS**
1. PROVIDE LIGHTING AND RECEPTACLES PANELS AS INDICATED ON THE PLANS AND AS SPECIFIED HEREIN. ALL PANELS SHALL BE DEAD FRONT, CIRCUIT BREAKER TYPE AND SHALL BEAR THE U.L. LABEL AS WELL AS MEET ALL APPLICABLE NEMA REQUIREMENTS.
  2. ALL PANELS SHALL HAVE TYPED CIRCUITS DIRECTORIES MOUNTED INSIDE OF DOOR.
  3. PANELS SHALL BE SUITABLE FOR THE SERVICE RATING INDICATED ON THE PANEL SCHEDULES.
  4. ALL BREAKERS SHALL BE FULL SPACE, INDIVIDUAL FRAME TYPE. NO "PIGGY BACK" OR TANDEM BREAKERS WILL BE PERMITTED.
- E. SAFETY SWITCHES**
1. SAFETY SWITCHES SHALL BE HEAVY DUTY TYPE FUSIBLE OR NON-FUSIBLE WITH POLES, AMPERE AND SERVICES RATINGS AS INDICATED ON THE PLANS. LUGS SHALL BE U.L. LISTED FOR CU. -AL.
  2. ENCLOSURES FOR SAFETY SWITCHES SHALL BE NEMA 1, EXCEPT FOR SWITCHES MARKED "WP" (WEATHERPROOF) SHALL BE NEMA 3R.
- F. FUSES**
1. ALL FUSES SHALL HAVE A 200,000 AMP RMS SYMMETRICAL RATING UNLESS OTHERWISE NOTED.
  2. FUSES RATED 0 TO 600 AMPS SHALL BE AS FOLLOW:
    - a) CIRCUIT BREAKER PANEL PROTECTION-U.L. CLASS RK-1, DUAL ELEMENT (BUSSMANN "LOW PEAK" OR EQUAL).
    - b) MOTOR CIRCUIT PROTECTION-U.L. CLASS RK-5, DUAL ELEMENT (BUSSMANN "FUSETRON" OR EQUAL).
  3. FUSES RATED 601 AMPS OR LARGER SHALL BE U.L. CLASS L TIME DELAY (BUSSMANN "HI-CAP" OR EQUAL).
- G. SITE VISIT**
1. BEFORE SUBMITTING A BID THE CONTRACTOR SHALL VISIT THE SITE AND DETERMINE CONDITIONS AT THE SITE AND ALL EXISTING STRUCTURES IN ORDER TO BECOME FAMILIAR WITH EXISTING CONDITIONS AND ELECTRICAL SYSTEMS WHICH WILL IN ANY WAY AFFECT THE WORK REQUIRED UNDER THE CONTRACT. THE CONTRACTOR SHALL INFORM THE ENGINEER IN WRITING OF ANY DISCREPANCIES FOUND DURING SAID SITE VISIT. NO SUBSEQUENT INCREASE IN CONTRACT COST WILL BE ALLOWED FOR ADDITIONAL WORK REQUIRED BECAUSE OF CONTRACTOR'S FAILURE TO FULFILL THIS REQUIREMENT.

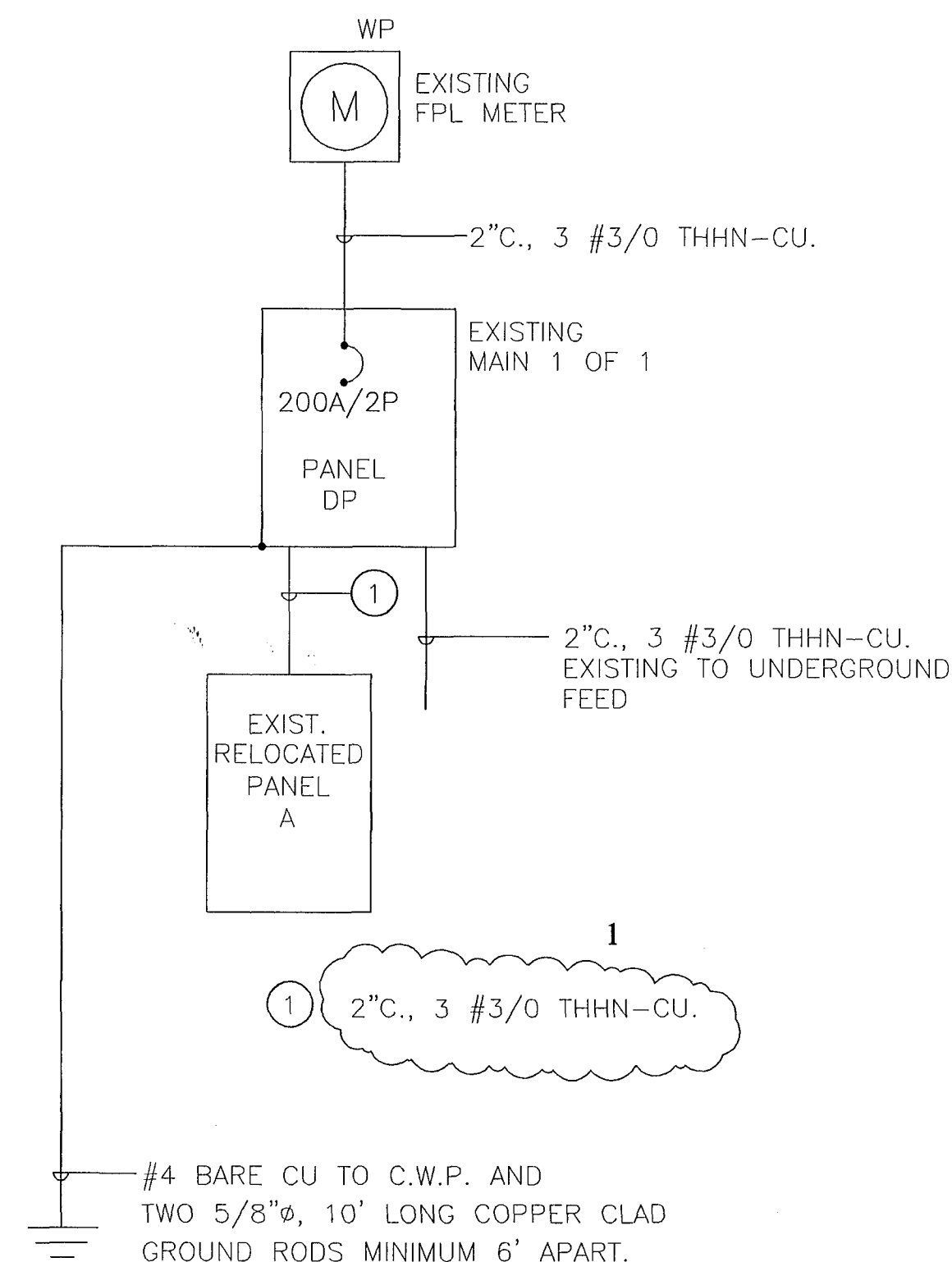
**SYMBOL LEGEND**

- ⊙ RECESSED DOWNLIGHT.
- ⊙ WALL MOUNTED LIGHT FIXTURE
- ⊙ SURFACE MOUNTED LIGHT FIXTURE.
- ⊙ CHANDELIER.
- ⊙ DUPLEX RECEPT. - NEMA 5-20R (18" A.F.F. TO CENTER)
- ⊙ DUPLEX RECEPT. MOUNTED ABOVE COUNTER - NEMA 5-20R
- ⊙ QUADRUPLEX RECEPT. - NEMA 5-20R.
- ⊙ QUADRUPLEX RECEPT. FLOOR MOUNTED. - NEMA 5-20R.
- ⊙ SINGLE RECEPT. - NEMA 5-20R (18" A.F.F. TO CENTER)
- ⊙ SPECIAL RECEPT. - RATED AS NOTED.
- ⊙ PANELBOARD (6'-0" AFF TO TOP)
- ⊙ FPL ELECTRICAL METER.
- ⊙ COMPUTER OUTLET (18" A.F.F. TO CENTER)
- ⊙ HEAT LAMP
- ⊙ MULTIPLE STATION SMOKE DETECTOR POWERED 120V AND PROVIDED WITH BATTERY BACKUP.
- ⊙ CARBON MONOXIDE DETECTOR POWERED 120v AND PROVIDED WITH BATTERY BACKUP.
- ⊙ CEILING MOUNTED EXHAUST FAN
- ⊙ FUSIBLE DISCONNECT SWITCH POLES, AMPS AND FUSES AS SHOWN NF INDICATES NON-FUSED
- ⊙ MOTOR (1 PHASE)
- ⊙ JUNCTION BOX
- ⊙ SINGLE POLE SWITCH - 20 AMP (48" A.F.F. TO CENTER)
- ⊙ THREE WAY SWITCH (48" A.F.F. TO CENTER)
- ⊙ DIMMER SWITCH (48" A.F.F. TO CENTER)

NOTE: ALL SYMBOLS MAY NOT BE USED.

**ELECTRICAL SUBMARKS**

- E EXIST. ELECTRICAL DEVICE
- N NEW ELECTRICAL DEVICE
- ER EXISTING ELECTRICAL DEVICE TO BE REMOVED
- R EXISTING ELECTRICAL DEVICE TO BE RELOCATED
- WL RATED FOR WET LOCATIONS
- GFI GROUND FAULT INTERRUPTER
- WP WEATHER PROOF



**ONE LINE DIAGRAM**

Rhodes Residence  
8 Farrey Lane  
MIAMI BEACH, FL. 33139

PROJECT:

DRAWN BY :  
R. FALLS

REVISIONS:

1 REVISIONS 03/09/2011

SCALE: 1/4"

DATE: 01/17/2011

EC0002054  
01/17/2011

3/1/11

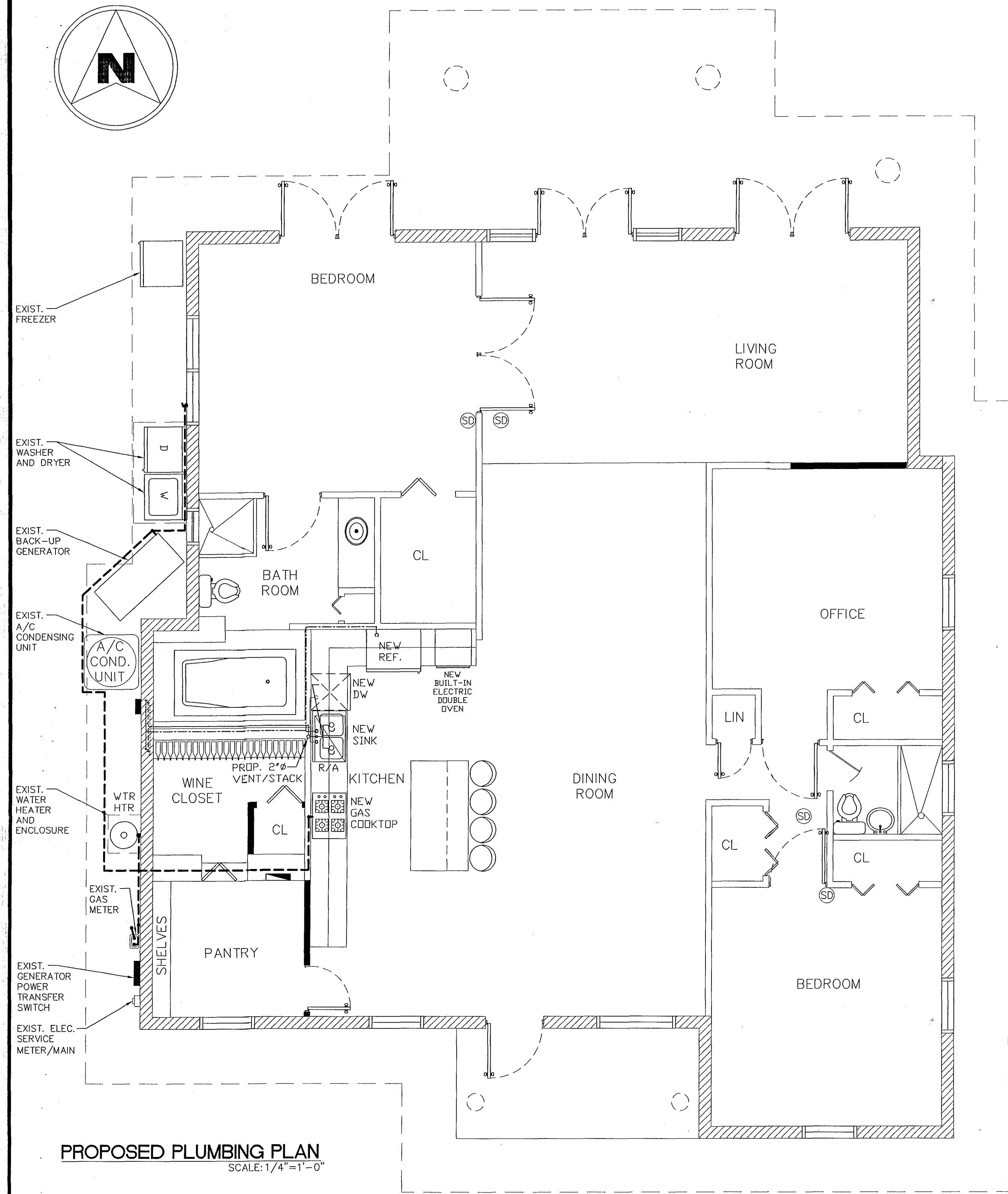
CONTAINS:

PROPOSED  
INTERIOR  
ELECTRICAL  
PLAN

PAGE: #

E-1





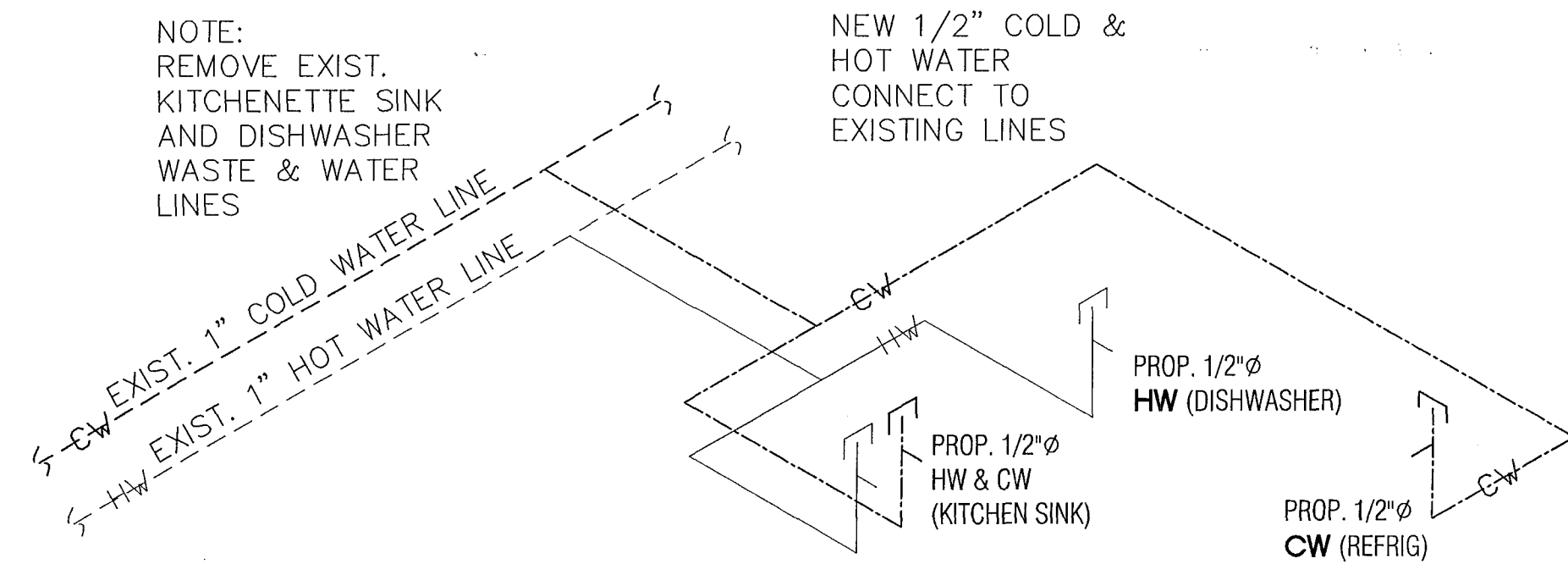
PROPOSED PLUMBING PLAN  
SCALE: 1/4" = 1'-0"

### GAS NOTES:

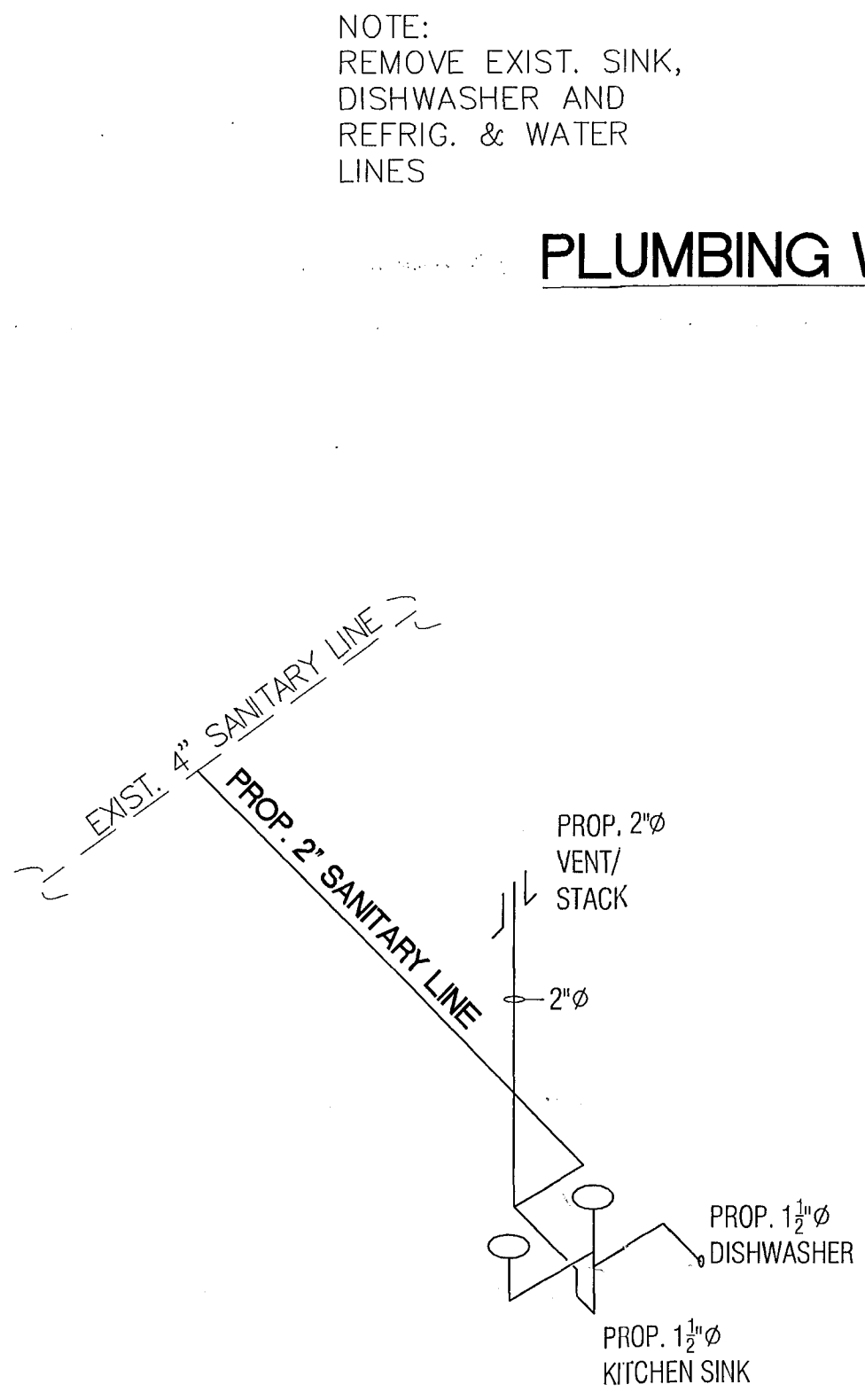
TABLE 604.4 MAXIMUM FLOW RATES AND CONSUMPTION FOR PLUMBING FIXTURES, FITTINGS AND APPLIANCES	
PLUMBING FIXTURE OR FITTING	PLUMBING FIXTURE OR FITTING MAXIMUM FLOW RATE
LAVATORY FAUCET	1.0 GPM AT 60 PSI
SINK FAUCET	1.0 GPM AT 60 PSI
SHOWER HEAD	1.5 GPM AT 80 PSI
WATER CLOSET	1.28 GALLONS PER FLUSHING CYCLE

NOTE: THE MAXIMUM WATER CONSUMPTION FLOW  
RATES AND QUANTITIES FOR ALL PLUMBING  
FIXTURES, FITTINGS AND  
APPLIANCES SHALL BE IN ACCORDANCE WITH  
TABLE 604.4 EFFECTIVE JANUARY 1, 2009

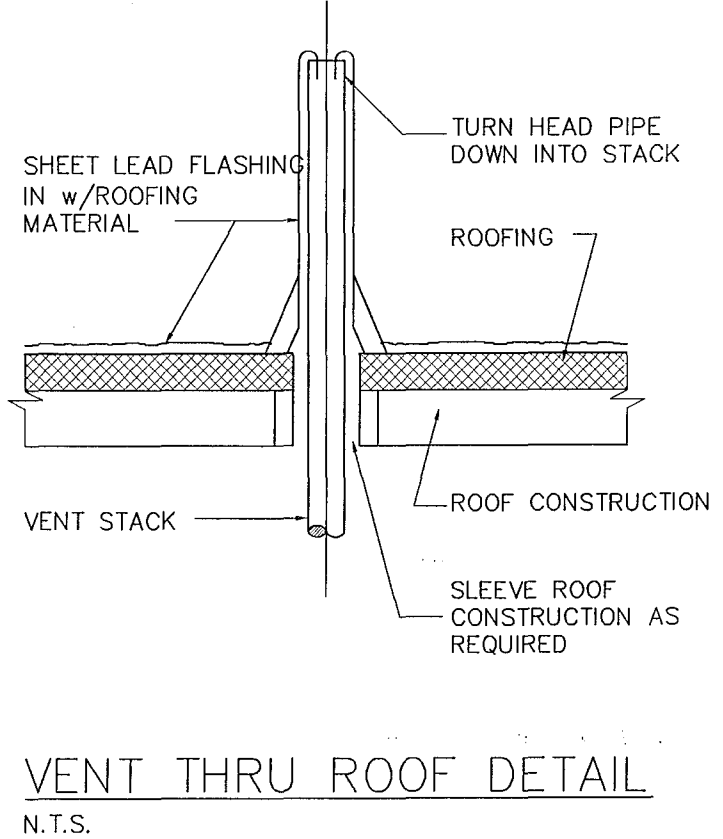
1. PROVIDE SHUT OFF AND PRESSURE REGULATOR VALVE AT EACH APPLIANCE.
2. GAS WATER HEATER CONSUMPTION IS 75,000 BTU'S, GAS COOKTOP CONSUMPTION IS 40,000 BTU'S (REPLACES EXIST. GAS RANGE 65,000 BTU'S), GAS GENERATOR CONSUMPTION IS 245,000 BTU'S (USED ONLY DURING POWER OUTAGE) FOR A TOTAL CONSUMPTION OF 360,000 BTU'S OF NATURAL GAS.
3. LONGEST DISTANCE TO FURTHEST APPLIANCE IS 66'-0".
4. GAS LINES SIZED USING TABLE 402.4(5) OF THE FBC FUEL GAS - 2007 EDITION.
5. GAS PIPING SHALL BE BLACK STEEL SCHEDULE 40 PIPE CONFORMING TO ASTM 53, STEEL THREADED FITTINGS.



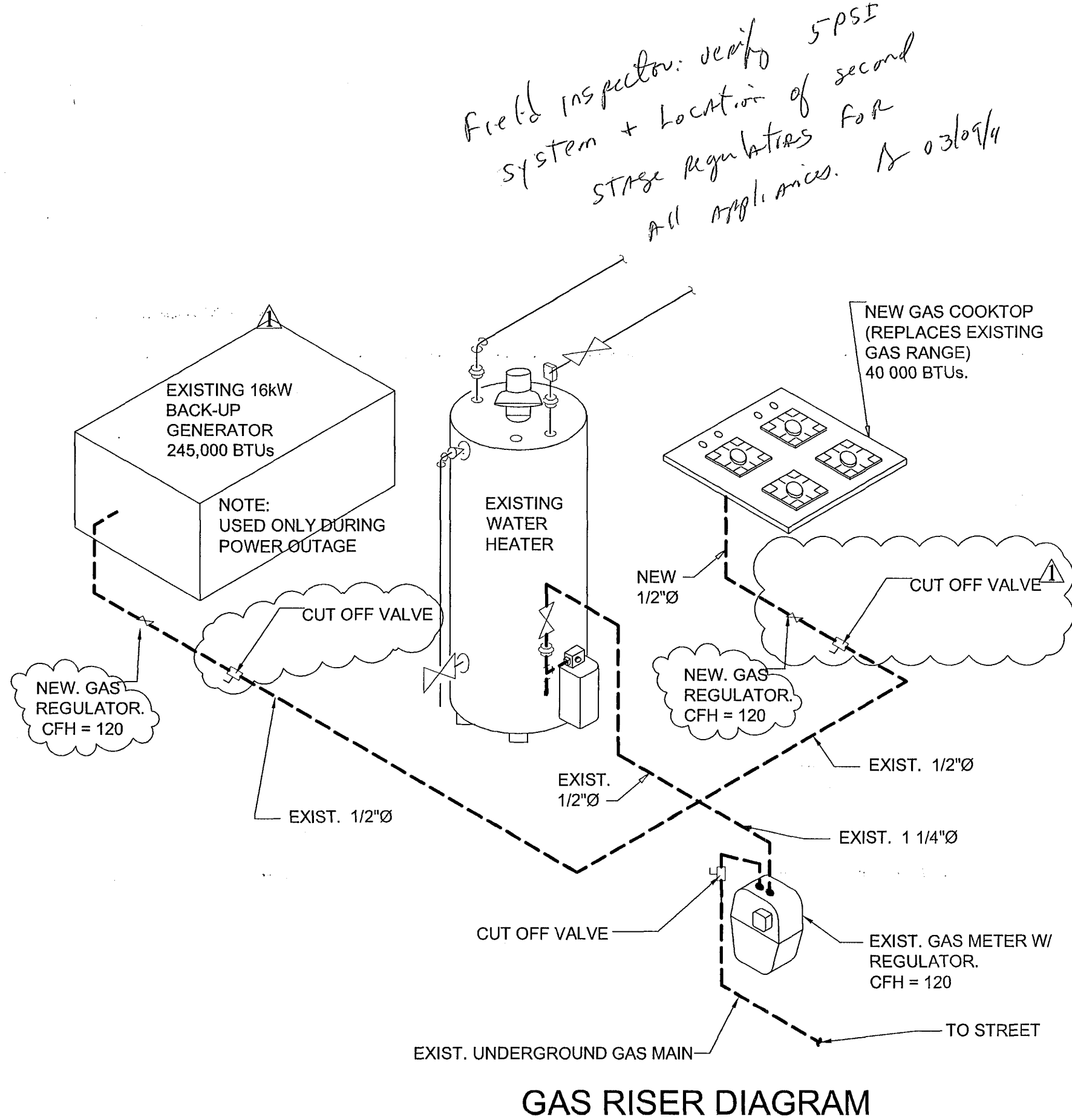
PLUMBING WATER RISER DIAGRAM



PLUMBING SANITARY RISER DIAGRAM



VENT THRU ROOF DETAIL  
N.T.S.



GAS RISER DIAGRAM

### GENERAL PLUMBING NOTES

1. ALL WORK TO BE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 2007, ASME CODE AND AGA REQUIREMENTS AND ALL OTHER APPLICABLE CODES.
2. CONTRACTOR SHALL VISIT THE JOB SITE AND THOROUGHLY FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS.
3. ALL MATERIALS SHALL BE NEW
4. ALL WORK SHALL BE PERFORMED BY A LICENSED PLUMBING CONTRACTOR IN A FIRST CLASS WORKMANLIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIVE.
5. ALL EXCAVATION AND BACKFILL AS REQUIRED FOR THIS PHASE OF CONSTRUCTION SHALL BE A PART OF THIS CONTRACT.
6. REQUIRED INSURANCE SHALL BE PROVIDED BY THE CONTRACTOR FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF THE WORK.
7. CONTRACTOR SHALL SECURE AND PAY ALL PERMITS, FEES, INSPECTION AND TEST.
8. DRAWINGS ARE DIAGRAMMATIC, DO NOT SCALE FOR EXACT LOCATION OF FIXTURES, PIPING, EQUIPMENT, ETC.
9. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION. REPORT ANY DISCREPANCY TO ENGINEER/ARCHITECT PRIOR TO BEGINNING CONSTRUCTION.
10. VERIFY LOCATION, SIZE, INVERTS AND ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION. ADVISE ENGINEER OF ANY DISCREPANCIES.
11. WATER PIPING SHALL BE TYPE "L" COPPER FOR 2" AND UNDER AND TYPE "K" COPPER FOR 2 1/2" AND ABOVE. ALL UNDERGROUND WATER PIPING SHALL BE TYPE "K" COPPER.
12. SOIL, WASTE, VENT AND RAIN WATER PIPING SHALL BE SCHEDULE 40 PVC PIPE AND BELOW GROUND SHALL BE OF THE HUB AND SPIGOT TYPE.
13. ALL FIXTURES MUST BE PROVIDED WITH READILY ACCESSIBLE STOPS AND MARKED ACCESS PANELS.
14. FURNISH AND INSTALL APPROVED AIR CHAMBERS AT EACH PLUMBING FIXTURE AND P.D.I. APPROVED SHOCK ARRESTORS ON MAIN LINES OR RISERS.
15. DIELECTRIC COUPLINGS ARE REQUIRED BETWEEN ALL DISSIMILAR METAL IN PIPING AND EQUIPMENT CONNECTIONS.
16. ISOLATE COPPER PIPE FROM HANGER OR SUPPORT WITH ISOLATOR PAD (HAIR FELT LINING) SUPER STRUT MODEL C/15/16.
17. ALL RATED FLOOR AND WALL PENETRATIONS (NO PVC) SHALL HAVE FIRE, SMOKE AND WATER STOPS BY FILLING VOIDS BETWEEN PIPE AND WALL/FLOOR SLEEVES WITH FIRE RATED FOAM, CHASE TECHNOLOGY CORP. -CIC PR 855 OR 3M, CP-25 CAULKING OR 303 PUTTY, TO ACHIEVE SAME RATING AS WALLS OR FLOORS.
18. CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN (1) YEAR FROM DATE FOR ACCEPTANCE. 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.
19. PROVIDE ACCESS PANELS FOR ALL CONCEALED VALVES AND ALL WATER HAMMER ARRESTORS. ACCESS PANELS IN RATED WALLS MUST MAINTAIN THE SAME RATING. ALL ACCESS PANELS MUST MATCH THE FINISH OF THE WALL IN WHICH IT IS INSTALLED.
20. CONTRACTOR SHALL PROVIDE COMBINATION COVER PLATE AND CLEANOUT PLUG FOR ALL WALL CLEANOUTS - JOSAM 58890 SERIES.
21. PLUMBING FIXTURES SHALL COMPLY WITH REFERENCED STANDARDS AS PER FBC PLBG 406 THROUGH 421.

### PLUMBING FIXTURE SCHEDULE

DESCRIPTION	WASTE	CW	HW	FU
WATER CLOSET	3"	1/2"	●	4
TUBS	2"	1/2"	1/2"	2
LAVS	1-1/2"	1/2"	1/2"	1
KIT. SINK	1-1/2"	1/2"	1/2"	2
WASHING MACHINE	2"	1/2"	1/2"	4
DISHWASHER	1-1/2"	●	1/2"	2

### SLOPE OF HORIZ. DRAINAGE PIPE

SIZE (INCHES)	MINIMUM SLOPE (INCH PER FOOT)
2 1/2" OR LESS	1/4
3 TO 6	1/8
8 OR LARGER	1/16

TABLE 704.1 OF THE FLORIDA PLUMBING CODE 2007

Rhodes Residence  
8 Farrey Lane  
MIAMI BEACH, FL. 33139

DRAWN BY :  
R. FALLS

REVISIONS:  
REVISIONS 03/04/2011

SCALE: 1/4"

DATE: 01/17/2011

CONTAINS:

PROPOSED  
INTERIOR  
PLUMBING  
PLAN

PAGE: #

P-1



THE FOLLOWING:

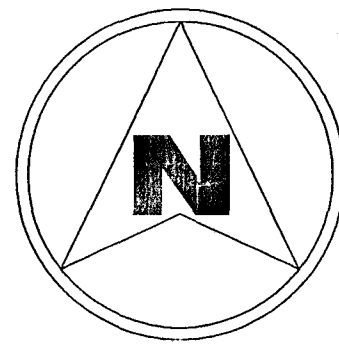
BUILDING: \_\_\_\_\_  
ZONE: \_\_\_\_\_  
DRAINAGE: \_\_\_\_\_  
CONCRETE: \_\_\_\_\_  
PILE: \_\_\_\_\_  
ELECTRICAL: \_\_\_\_\_  
MECHANICAL: \_\_\_\_\_  
FIRE PROTECTION: \_\_\_\_\_  
ENGINEERING: \_\_\_\_\_  
PUBLIC WORKS: \_\_\_\_\_  
STRUCTURAL: \_\_\_\_\_  
ELEVATOR: \_\_\_\_\_

*Handwritten notes and signatures:*  
- 3/10/11  
- 03/09/11  
- 03/10/11  
- 03/19/11  
- B. Small 3/10/11  
- 4/4 3/9/11

ELEVATOR:



# RHODES RESIDENCE



## PROJECT LOCATION

SCOPE OF WORK
ALTERATION LEVEL II
1. REPLACE WINDOWS & EXTERIOR DOORS AS PER PLAN.
NOTE: NO MECHANICAL, ELECTRICAL OR PLUMBING WORK TO BE PERFORMED WITHIN THIS PERMIT.
APPLICABLE CODES & REGULATIONS. JURISDICTION: MIAMI BEACH, FL. 1. 2007 FLORIDA BUILDING CODE (FBC). 2. 2007 FLORIDA STATE ACCESSIBILITY CODE.

Rhodes Residence  
8 Farrey Lane  
MIAMI BEACH, FL. 33139

PROJECT:

DRAWN BY:  
C. PEREIRA

REVISIONS:

SCALE: 1"=3/8"

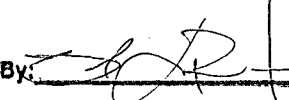
DATE: 01/5/2011

**PUBLIC WORKS**  
**PLAN REVIEW NOTICE**  
Phone: 305-673-7060 Fax: 305-673-7063

THIS PLAN REVIEW CONSTITUTES APPROVAL FOR OBTAINING BUILDING PERMITS ONLY.


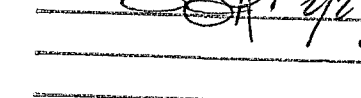

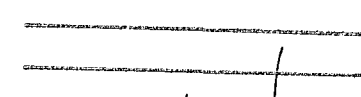
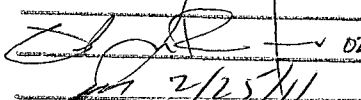


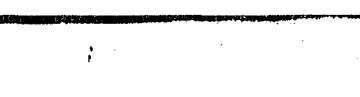

All construction and/or use of equipment in the right-of-way and/or easements, requires a separate Public Works Department permit prior to start of construction.

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

Approved/Reviewed By:  Date: 02-24-11

B1101840

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

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

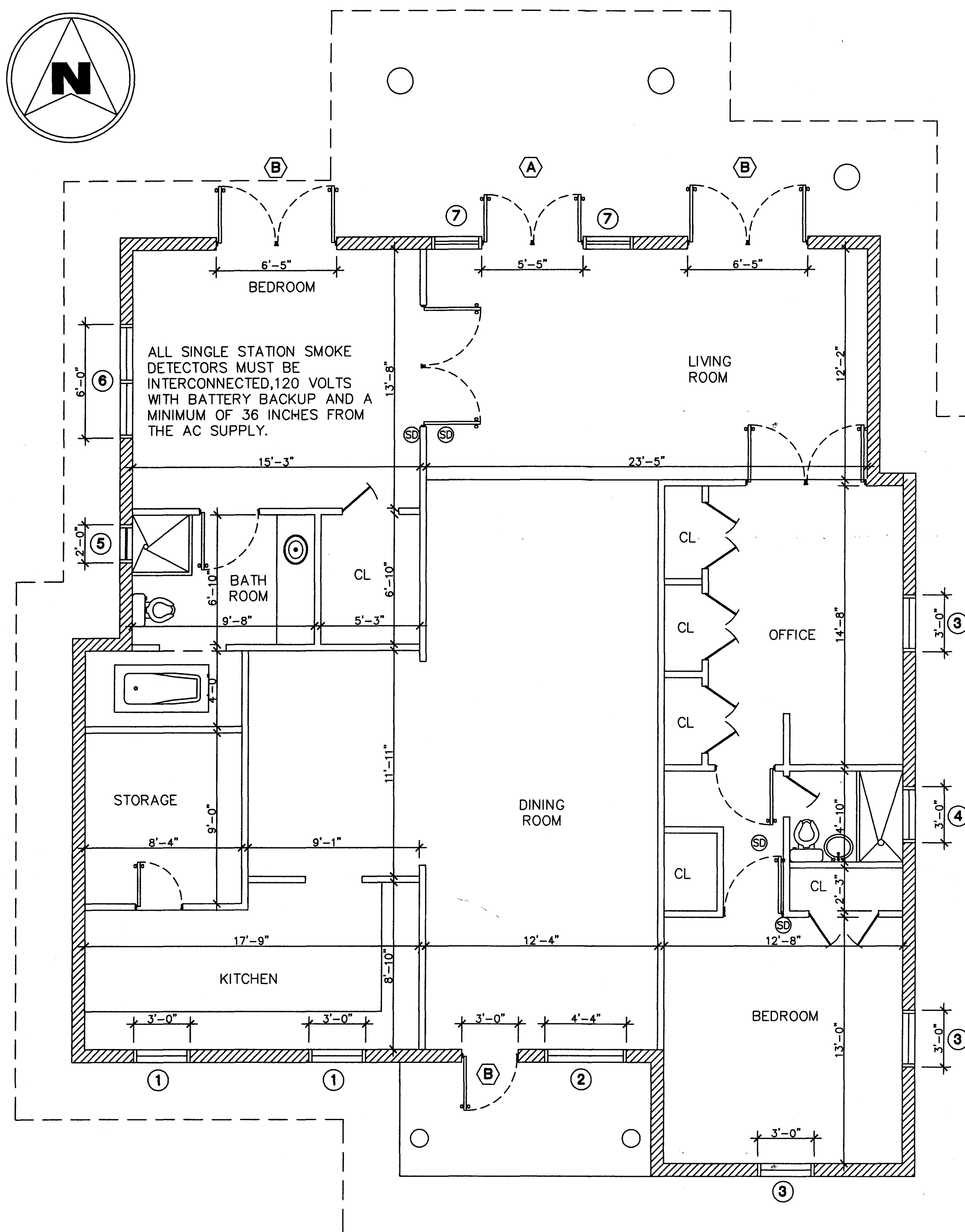
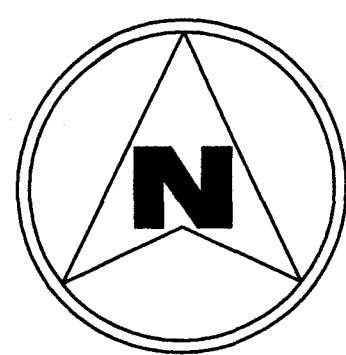
CONTAINS:

COVER  
SHEET

PAGE: #

A-0





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

LEGEND:

- EXIST. NON RATED PARTITION WALL
- EXIST. 1 HR. RATED PARTITION WALL
- EXIST. SMOKE DETECTOR

FLOOR WINDOW SCHEDULE

WINDOW NUMBER	SIZE	SPECIFICATION
1 (2)	36" x 38"	EXISTING
2 (1)	52" x 50"	EXISTING
3 (3)	36" x 50"	EXISTING
4 (1)	36" x 17"	EXISTING
5 (1)	24" x 24"	EXISTING
6 (1)	72" x 48"	EXISTING
7 (2)	34" x 80"	EXISTING

DOOR SCHEDULE

DOOR NUMBER	SIZE	SPECIFICATION
A (2)	80" X 31"	EXISTING
B (5)	80" X 36"	EXISTING

Rhodes Residence  
8 Farrey Lane  
MIAMI BEACH, FL. 33139

PROJECT:

DRAWN BY:  
C. PEREIRA

REVISIONS:

SCALE: 1/4" = 1'-0"  
DATE: 01/5/2011

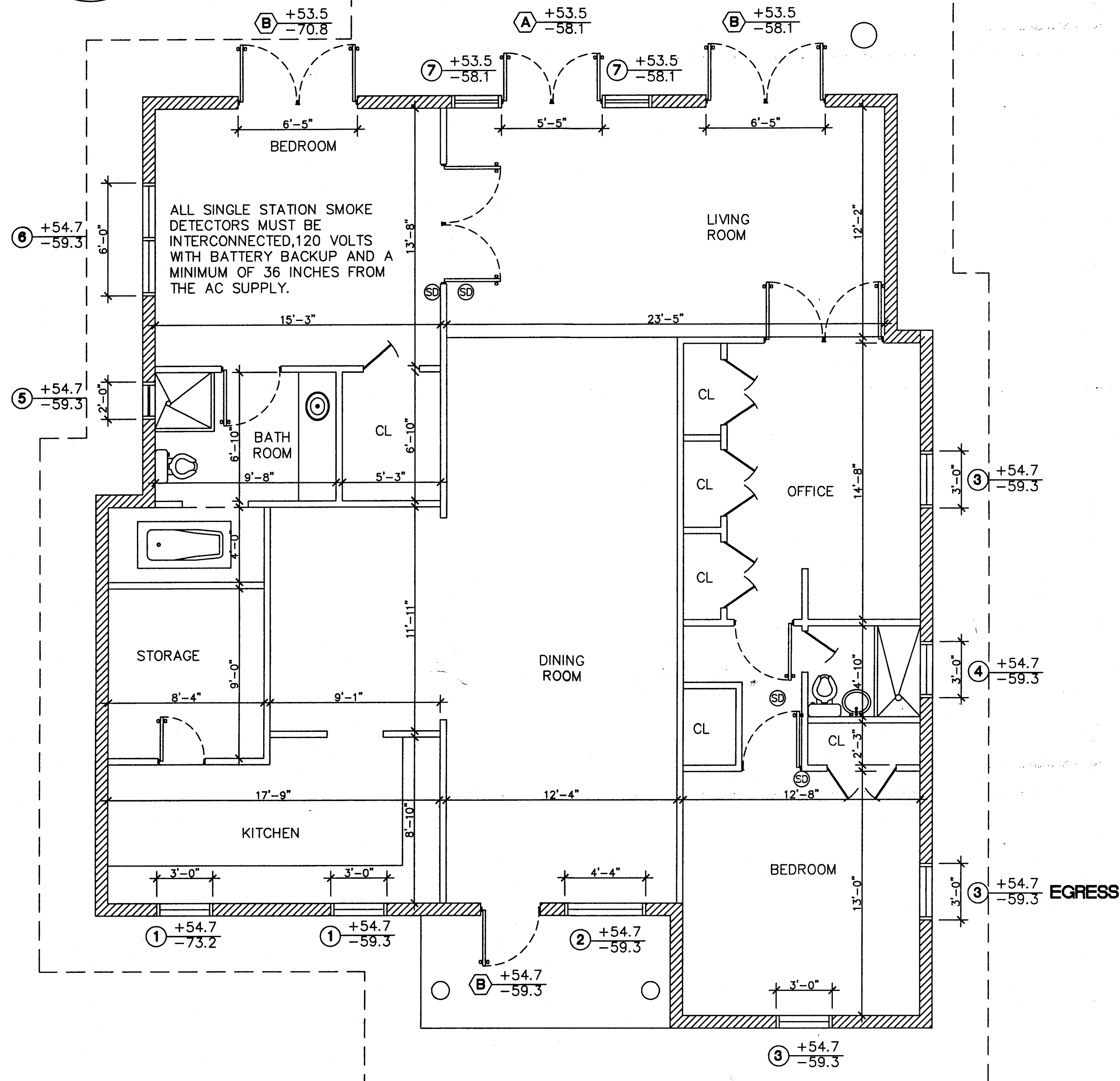
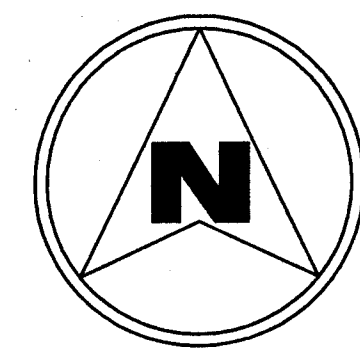
CONTAINS:

EXISTING  
WINDOWS/DOORS  
PLAN

PAGE: #

A-1





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

**LEGEND:**

- EXIST. NON RATED PARTITION WALL
- EXIST. 1 HR. RATED PARTITION WALL

FLOOR WINDOW SCHEDULE		
WINDOW NUMBER	SIZE	SPECIFICATION
① (2)	36" x 38"	NEW (NOA No 08-0117.11)
② (1)	52" x 50"	NEW (NOA No 08-0117.11)
③ (3)	36" x 50"	NEW (NOA No 08-0117.11)
④ (1)	36" x 17"	NEW (NOA No 08-0117.11)
⑤ (1)	24" x 24"	NEW (NOA No 08-0117.11)
⑥ (1)	72" x 48"	NEW (NOA No 08-0117.11)
⑦ (2)	34" x 80"	NEW (NOA No 07-0629.10)

DOOR SCHEDULE		
DOOR NUMBER	SIZE	SPECIFICATION
A (2)	80" X 31"	NEW (NOA No 07-0629.10)
B (5)	80" X 36"	NEW (NOA No 07-0629.10)

Rhodes Residence  
8 Farrey Lane  
MIAMI BEACH, FL. 33139

PROJECT:

DRAWN BY  
C. PEREIRA

REVISIONS:

SCALE: 1/32"

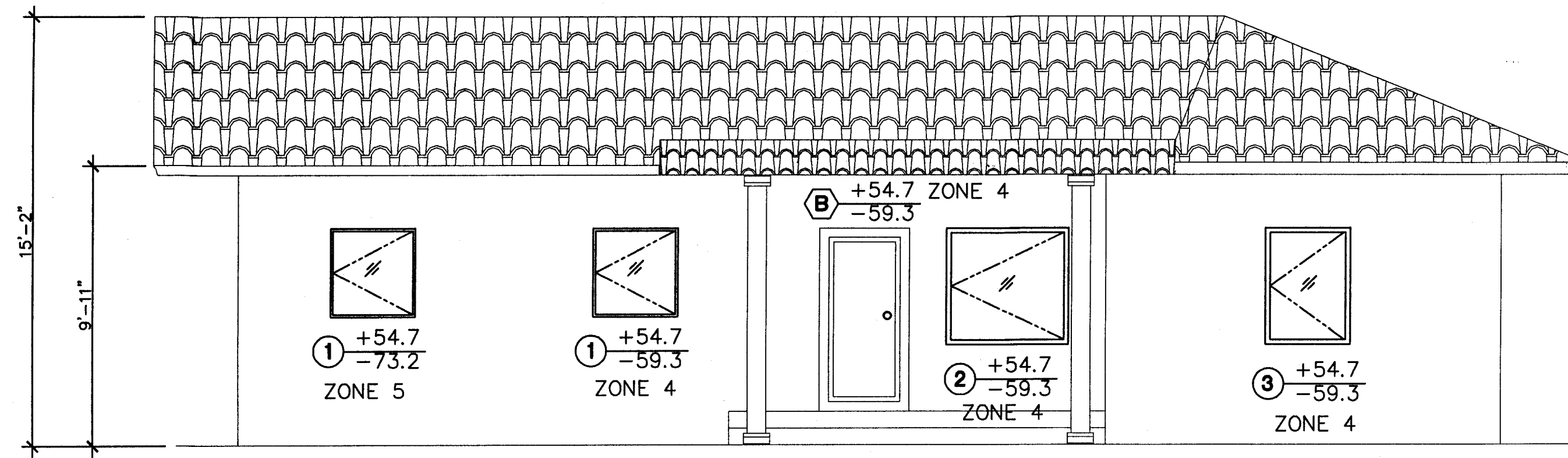
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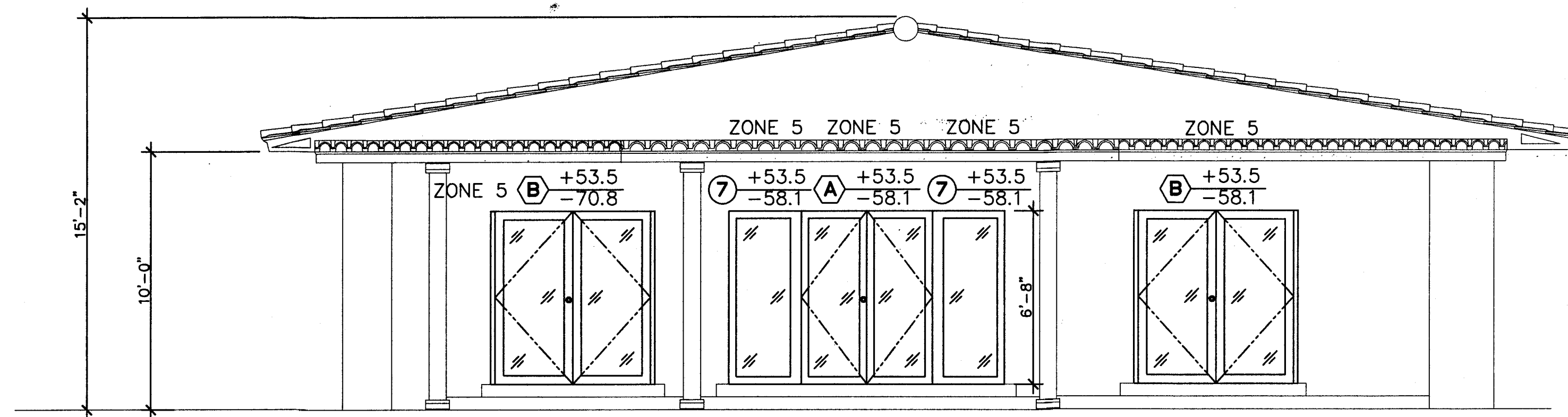
PROPOSED  
WINDOWS/DOORS  
PLAN

PAGE: #  
A-2

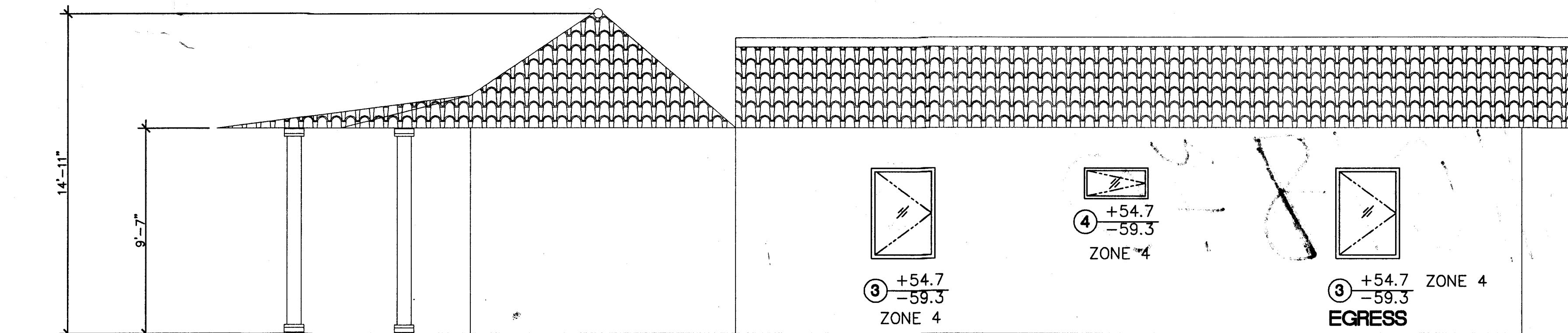




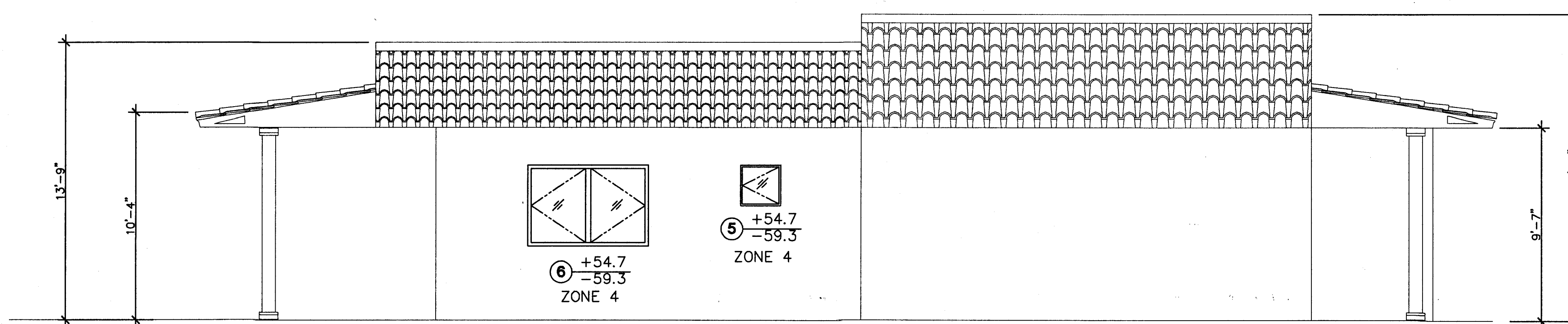
**NORTH ELEVATION PLAN**  
SCALE: 1/4"=1'-0"



**SOUTH ELEVATION PLAN**  
SCALE: 1/4"=1'-0"



**WEST ELEVATION PLAN**  
SCALE: 1/4"=1'-0"



**EAST ELEVATION PLAN**  
SCALE: 1/4"=1'-0"

Rhodes Residence  
8 Farrey Lane  
MIAMI BEACH, FL. 33139

PROJECT:

DRAWN BY  
C. PEREIRA

REVISIONS:

SCALE: 1/4"=1'

DATE: 01/5/2011

CONTAINS:

PROPOSED  
WINDOWS/DOORS  
ELEVATIONS

PAGE: #

A-3



B1101870

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

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

*[Handwritten signatures and dates are present on the right side of the form, including "2/25/11" and "2/25/11".]*



**General Demolition Notes:**

- Demolition requires FULL removal of existing building, structural system including piles, terraces, etc.
- Provide a detailed sequence of demolition and removal work to ensure uninterrupted progress of client's on-site operation.

**Qualifications:**

- Provide staff responsible for demolition work fully experienced in this type of work.
- Provide equipment of suitable type, in good working condition, and operated by skilled mechanics.
- Perform work in a safe and cautious manner to avoid accidents or property damage.

**Reference Standards:** comply with all codes and regulations regarding demolition work.

**D. Performance:**

- Prevent damage to adjoining structure during demolition.
- Prevent damage to electrical wires, underground cables, telephone, water, and sewer lines during demolition.

**E. Adjust and Clean:**

- Remove any demolition materials, debris, and rubbish from the site immediately upon completion of demolition work.
- Do not permit any accumulation of debris and disposed materials on site.
- Transport all demolition materials without spillage on streets.
- Leave site neat and orderly on completion of demolition work.

**F. Job Conditions:**

- Adjacent structures to the demolition areas will be in use.
- Client assumes no responsibility for actual condition of structures to be demolished.
- Use of explosives will not be permitted.

**G. Traffic:**

- Conduct demolition operations and removal of debris to ensure minimum interference with roads, streets, walks, and other adjacent occupied and used facilities.
- Do not close or obstruct streets, walks, or other occupied or used facilities without permission from authorities having jurisdiction.
- Provide alternate routes around closed or obstructed traffic ways if required by governing regulations.
- Ensure safe passage of persons around area of demolition. Conduct operations to prevent damage to adjacent buildings, structures, and other facilities and injury to persons.
- Promptly repair damage caused to adjacent finishes, structures to remain or facilities by demolition operations.

**H. Utility Services:**

- Utilities should be provided to stay in service and protect against damage during demolition operations.
- Do not interrupt existing or temporary utilities serving occupied or used facilities, except when authorized in writing by authorities having jurisdiction. Provide temporary services during interruptions to existing utilities, as acceptable to governing authorities.
- Do not start demolition work until utility disconnections have been completed and verified in writing.

**I. Execution:**

- Pollution controls: limit dust and dirt rising and scattering in the air. Comply with governing regulations pertaining to environmental protection.
- Do not use water when it may create hazardous or objectionable conditions such as flooding and pollution.
- Clean adjacent structures and improvements of dust, dirt, and debris caused by demolition operations. Return adjacent areas to condition existing prior to start of work.
- Locate demolition equipment throughout structure and remove materials, so as to not impose excessive loads.

**J. Salvaged Materials:**

- Materials for reuse (if any) are to be removed carefully, stored and protected as directed by the client to avoid damage.
- Except for items indicated to be retained as client's property, other removed and salvaged materials not indicated for reuse shall become Contractor's property and removed from the site with further disposition at Contractor's option.
- Storage or sale of removed items will not be permitted on site.
- Vermin Control: If made necessary by the demolition Contractor's work, employ a certified, licensed exterminator and treat the entire area of building demolition and removal in accordance with governing health regulations for rodent and insect control.

**K. Disposal of demolished and excess materials:**

- Remove daily from site accumulated debris, rubbish, and other material resulting from demolition operations.
- Burning of combustible materials from demolished structures will not be permitted on site.
- Transport materials removed from demolished structures at a legal disposal area off site without spillage.
- Do not permit any accumulation of debris and disposed materials on site.
- Leave site neat and orderly on completion of demolition work.

**L. Site Clearing:**

**Site Preparation/Top Soil:**

- Before starting excavation work, strip all existing sod and organically-rich soil within excavation area suitable for topsoil.
- Adequately protect from damage all existing trees and site improvements indicated to remain and as directed by Architect and Landscape Architect restore or replace to approved condition if damaged.

**M. Plantings:**

- Relocate all existing plants indicated to be saved to new locations approved by Architect and Landscape Architect.
- Replant using best methods possible to guarantee survival of plant specimens. See Landscape Architecture Drawings.
- Assume full responsibility and warn operators of heavy equipment and other workers not to harm plantings which are designated to be saved.

**N. Site Clearing:**

- Clean and remove by cutting and hauling all remaining trees and foliage as designated.
- Level all dirt and earth piles and backfill holes resulting from excavations for clearing and grubbing work.
- Leave site level with natural existing grades or as noted on drawings and elevations after removal of topsoil and organic materials.

**See Civil Drawings**

- Leave site hand-raked and free of stones, sticks, trash, and other debris.

**O. Excavation:**

**General:** Refer to Structural Drawings for additional soils criteria and requirements.

- Excavate to lines and elevations as required.
- Make excavations sufficiently large to permit placing and removal of forms, installation of waterproofing, damp proofing, and utilities; and to allow inspection.
- For all areas under proposed building, thoroughly compact exposed surfaces of existing soils as indicated in Structural Drawings.
- Notify Architect when excavations have reached proper levels to receive work to be installed.
- Install work only after excavations and soil conditions have been inspected and approved.

**Classification of Excavation:**

- Only one class of excavation is recognized for this Project, "Unclassified", and includes all kinds of materials encountered during work.
- All costs of excavating all materials encountered are considered part of this Project and no extras are acceptable.

**Excavation for Footing:**

- Found bottoms of footing on rock or firm understructure at elevations indicated or as shown.
- Sub grade of footing shall be leveled and free of loose rock, dirt, debris, and standing water before acceptance for placing concrete.
- Use vibratory plate compactor at all footing excavations to achieve minimum soil density as indicated on Structural Drawings.

**Excess Excavation:**

- Do not perform excavation below bottom face of footings or below graded indicated on Drawings, unless directed by both Architect and Structural Engineer in writing.
- If Contractor, without authorization, excavates more than shown on Drawings, refill such excess excavation with 2500 psi concrete or with approved compacted material as directed by both Architect and Structural Engineer.

**P. Filling:**

- Employ geotechnical engineer to monitor all compaction and filling operations and obtain Statement of Compliance from engineer at completion of soil preparation.
- Fill materials: Provide general fill obtained from excavation on site, if acceptable, or from borrow sources.
- Porous Fill/Vapor Barriers: Provide continuous 6 mil polyethylene vapor barrier under all slabs on grade.

**Q. Placing:**

- Place fill materials in horizontal loose layers to produce uniform thickness of material.
- Start placement in deepest area and progress approximately parallel to finished grade.
- Thickness of layers before compaction: 8 in. for cohesion less soils; do not use cohesive soils.
- Do not place fill material on areas where free live water is standing or on surfaces which have not been approved.
- Compact to min. 100 percent proctor density.

**R. Adjacent Existing Structures:**

- Monitor adjacent existing structures for any signs of settlement distress throughout filling and compaction operations.
- Stop all operations if any distress is visible and report to Architect for resolution.

**S. Auger cast Piling:**

Refer to structural drawings.

- Contractor to employ a geotechnical engineer to certify piling.
- Contractor to employ a surveyor to certify location of piles and provide pile log

**T. Soil Treatment:**

Refer to structural drawings.

- Contractor to employ geotechnical engineer for certification of soil compaction

**U. Pavements:**

Refer to Division 4 for paving

**V. Landscaping:**

Refer to Architecture and Civil drawings

**Z. Disposal of Excess Material and Cleanup:**

- Unless otherwise directed, all material gotten from excavations and not required for backfilling, filling, or grading becomes property of Contractor, to be removed from site and legally disposed of by Contractor.
- Remove all debris and other undesirable material from property.
- When work is complete, remove all surplus materials and other items of equipment from premises.



**D-1.0**