OUTLET - DUPLEX OUTLET - EXISTING TO REMAIN OUTLET - DEDICATED TO APPLIANCE GFI OUTLET - GROUND FAULT INTERRUPTOR OUTLET - QUADRAPLEX OUTLET - SPECIAL PURPOSE OUTLET - VOICE WALL MOUNTED OUTLET - DATA OUTLET - VOICE/DATA ALL EXISTING POWER OUTLETS TO REMAIN. MOUNTING HEIGHTS OF ALL DEVICES ARE SHOWN ON TYPICAL POWER & SIGNAL MOUNTING HEIGHT KEY, U.O.N REFER TO A-003 DRAWINGS. LOCATION OF ALL POWER & SIGNAL DEVICES ARE TO BE COORDINATED FROM ARCHITECTURAL DRAWINGS. NOTIFY ARCHITECT OF ANY DISCREPANCIES BETWEEN ARCHITECTURAL AND ELECTRICAL DRAWING PRIOR TO INSTALLATION. REFER TO ENGINEER'S DRAWINGS FOR OTHER ALL OUTLETS LOCATED ABOVE OR BELOW THE COUNTER TOPS IN KITCHEN, COFFEE AREAS, TOILET ROOMS, ETC (WET AREAS) SHALL BE GFI AS PER CODE (REFER TO ELECTRICAL DRAWINGS). STAGGER ALL DEVICES SHOWN BACK TO BACK ON OPPOSITE SIDES OF SHARED PARTITIONS. DEVICE SHALL NOT OCCUPY THE SAME STUD CAVITY. LOCATE SWITCHES 6" CLEAR OF THE EDGE OF DOOR FRAME, U.O.N. AT DOUBLE DOORS OR DOORS WITH SIDELIGHTS, LOCATE SWITCHES 3'=6'' FROM DOOR AT SIDE WALL, U.O.N. WHERE SWITCHES FOR DEVICES OTHER THAN LIGHTS (I.E. EXHAUST FAN, PROJECTION SCREEN) ARE ADJACENT TO LIGHT SWITCHES, LOCATE LIGHT SWITCHES CLOSEST TO THE ENTRY DOOR. FINISHES FOR COVER PLATES TO BE WHITE U.O.N. FINISHES FOR DEVICES TO BE WHITE U.O.N. REFER TO ACCESS CONTROL DRAWINGS FOR CARD READER LOCATIONS. F-1.63 F-1.60 FL-1.01 6 TYPE C3 FURNITURE PLAN — REF. UNIT C103
SCALE: 1/4" = 1'-0" DOUBLE TWIN

POWER & SIGNAL PLAN LEGEND

POWER & SIGNAL PLAN NOTES

CARD READER

THERMOSTAT

△WA WIRELESS ACCESS

(S) SMOKE DETECTOR

B DOOR BUZZER

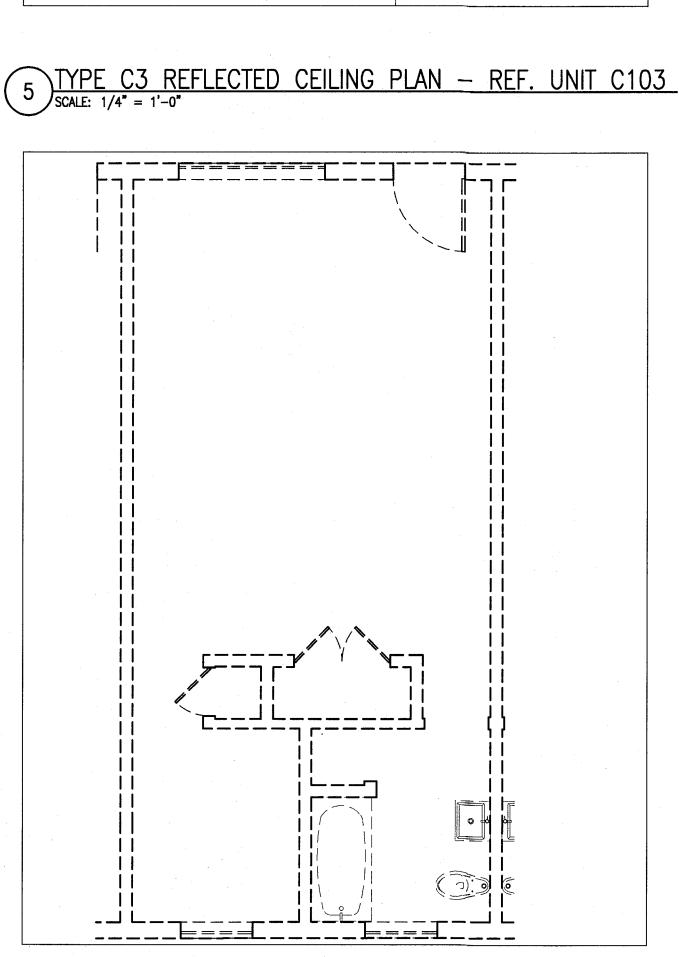
SWITCH

SWITCH
"3" - 3 WAY
"4" - 4 WAY

DIMMER SWITCH

DOORBELL IN ADA UNITS ONLY

VOICE, DATA & VIDEO - WALL MOUNT



REFLECTED CEILING PLAN LEGEND

REFLECTED CEILING PLAN NOTES

U.O.N. WHERE ITEMS ARE IN LINE, CENTERLINE OF ITEMS OR GROUP OF ITEMS TO ALIGN, U.O.N.

LAYOUT IS FOR INFORMATION ONLY - SEE THE ELECTRIC DRAWINGS FOR QUANTITY AND FIXTURE

LOCATION OF CLOSET FIXTURE IN HADDON HALL MAY VARY. REPLACE EXISTING FIXTURE WITH NEW

ALL MEP-FP DEVICE LOCATIONS NOT SHOWN ON DRAWINGS, QR IN CONFLICT WITH MEP-FP DRAWINGS, 6

ALL CEILINGS AND SOFFITS TO BE PAINTED PT-07 (FLAT FINISH), U.O.N.

ALL BATHROOM CEILINGS TO BE PAINTED PT-01 (EGGSHELL FINISH).

ARE TO BE COORDINATED WITH ARCHITECT PRIOR TO INSTALLATION.

WALL SCONCES SHOWN ON PLAN. REFER TO ROOM ELEVATIONS FOR HEIGHT.

FIXTURE KEEPING THE SAME FIXTURE LOCATION.

CEILING HEIGHT KEY

CEILING HEIGHT - AFF

WALL SCONCE

SMOKE DETECTOR

CEILING FIXTURE

SPRINKLER

ACT CEILING TYPE

O DOWNLIGHT

SUPPLY DIFFUSER

RETURN AIR GRILLE

AP-1 HVAC ACCESS PANEL

R REPLACE EXISTING FIXTURE WITH

NEW FIXTURE IN SAME LOCATION

ALL LIGHT FIXTURES TO BE REMOVED AND REPLACED WITH NEW FIXTURES PER LIGHTING SCHEDULE. 4. ALL WOOD BASE TO BE PAINTED TO MATCH WALL ABOVE.

LOCATIONS.

SEE MEP-FP DRAWINGS FOR LOCATIONS OF SMOKE DETECTORS, SPRINKLER HEAD, EXIT SIGNS, ETC6.

9. ALL EXISTING MILLWORK TO BE DEMOLISHED.

10. INTERIOR FINISHES SHALL COMPLY WITH NFPA 101, SECTION 10.2

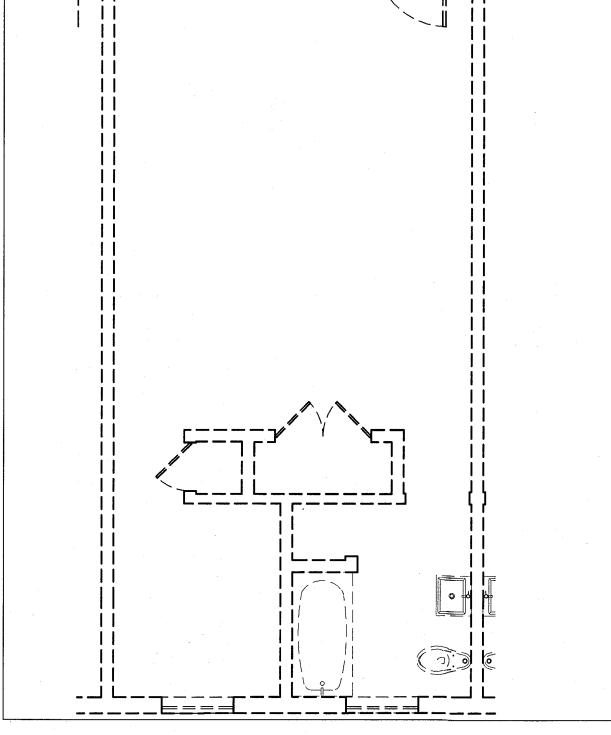
ALL DIMENSIONS OF NEW FIXTURES, DEVICES, SPRINKLER HEADS, ETC. ARE TO CENTERLINE OF FIXTURE, 5. VERIFY FLOOR FINISH LAYOUT WITH ARCHITECT PRIOR TO INSTALLATION. (TILE LAYOUT, SEAMING

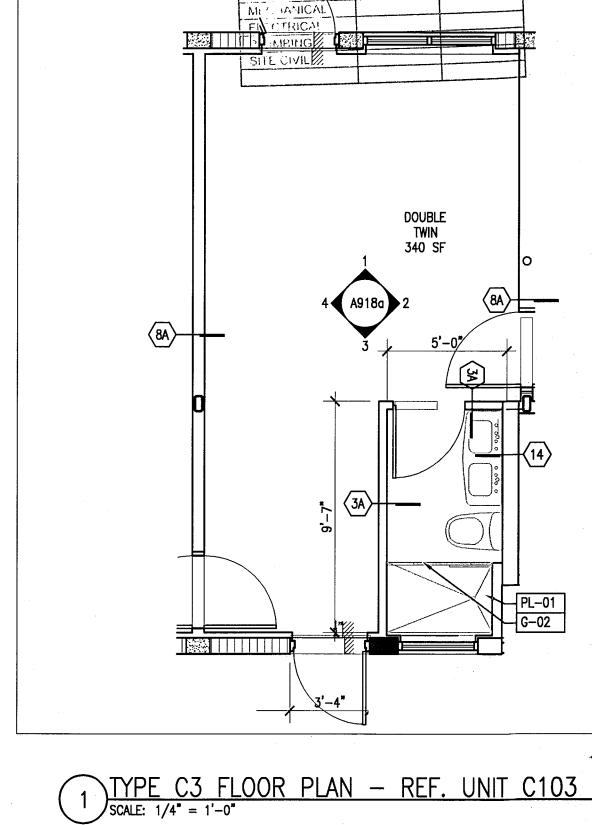
DIAGRAMS, ETC.)

DOORS TO BE PAINTED PER DOOR SCHEDULE.

8. ALL GWB SOFFITS TO BE PAINTED PT-01, U.O.N.

FRAMES TO BE PAINTED PER DOOR SCHEDULE.





PRIVATE PHOVIDER SERVICES, LLC
Construction Plans Review Inspections, Testing & Consulting
REVIEWER DATE
INITIALS REVIEWED

FINISH PLAN LEGEND

EXISTING PARTITION

EXISTING STRUCTURE

INDICATES DIRECTION OF DOMINANT

STRIPE IN CARPET OR RUG

FINISH PLAN NOTES

FLOOR FINISHES AND WALL BASE TO CONTINUE UNDER COUNTER TOPS, ANY MILLWORK OPENINGS,

ALL WALLS TO BE PAINTED PT-01, U.O.N. REFER TO ELEVATIONS FOR WALL FINISHES.

ALL FLOORING TRANSITIONS AT DOOR OPENING TO OCCUR UNDERNEATH DOOR, U.O.N.

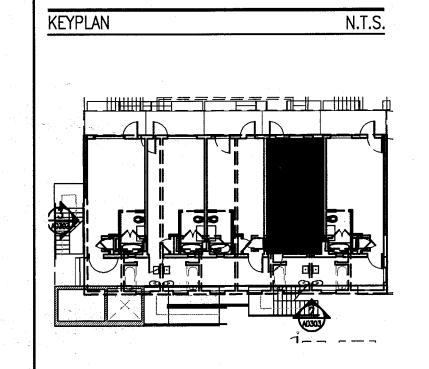
KEY NOTE INDICATOR

TILE FLOORING

ACCENT TILE

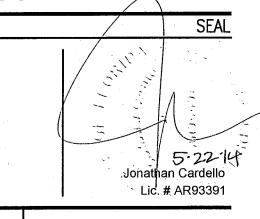
LINOLEUM FLOORING

HADDON HALL 1500 COLLINS AVE MIAMI BEACH, FL



REVISION	ONS	
NO.	DESCRIPTION	ISSUE DATE
4	FIRE REVIEW COMMENTS	04-01-2014
5	GUESTROOM COORDINATION	04-17-2014
-		

100% CONSTRUCTION DOCUMENT SET



One Biscayne Tower Suite 1670 Two South Biscayne Boulevard Miami, FI 33131

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13036.00 JOB NUMBER: CHECKED BY: FEBRUARY 18, 2014 ISSUE DATE:

ENLARGED **GUESTROOM PLANS** TYPE C3

SHEET NUMBER

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TYPE C3 POWER & SIGNAL PLAN — REF. UNIT C103

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

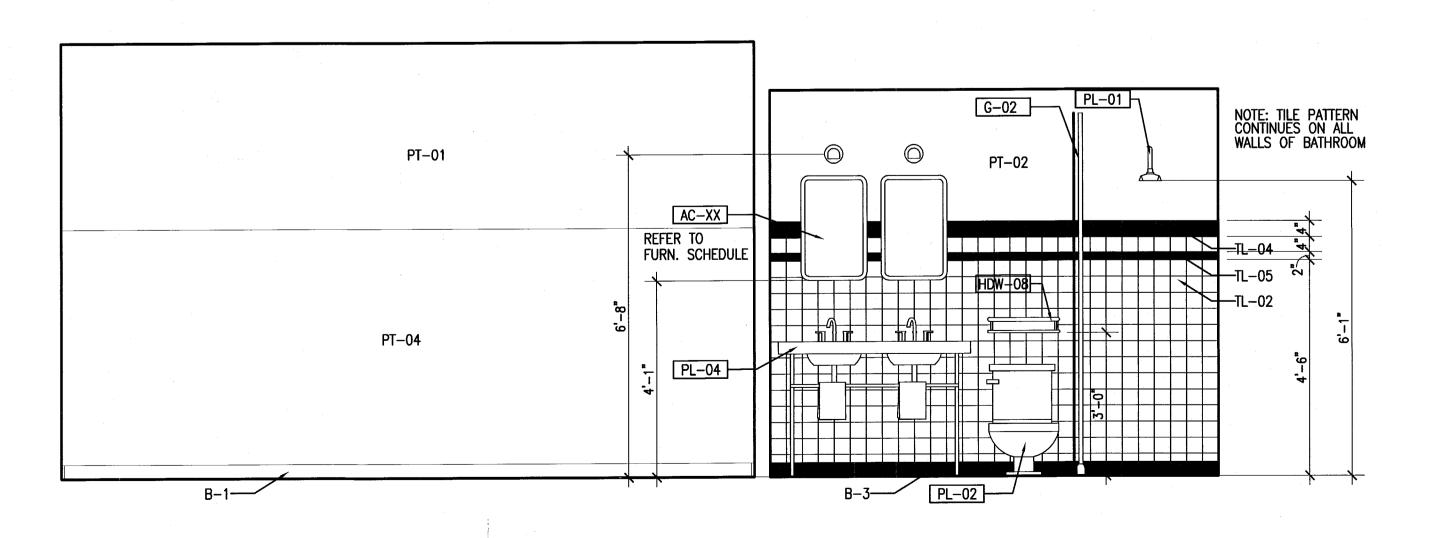
TYPE C3 DEMO PLAN — REF. UNIT C103

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

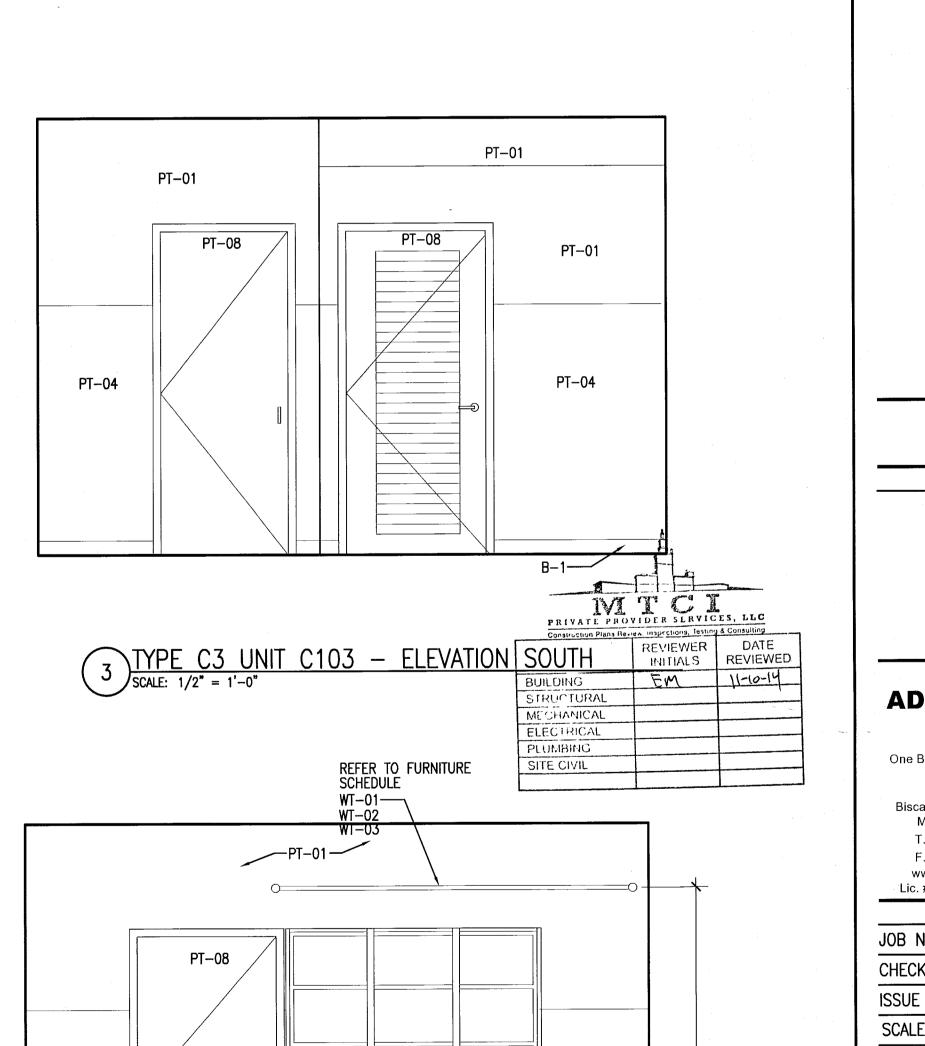
PT-01
PT-04
PT-04
PT-04

TYPE C3 UNIT C103 — ELEVATION WEST

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



2 TYPE C3 UNIT C103 — ELEVATION EAST SCALE: 1/2" = 1'-0"



TYPE C3 UNIT C103 — ELEVATION NORTH

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

HADDON HALL 1500 COLLINS AVE MIAMI BEACH, FL

VEVDI ANI NI T S

REVISI	ONS	
NO.	DESCRIPTION	ISSUE DATE
· · ·		0000

PERMIT SET

SEAL

Jonathan Cardello

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ARR Architecture Interiors Plant

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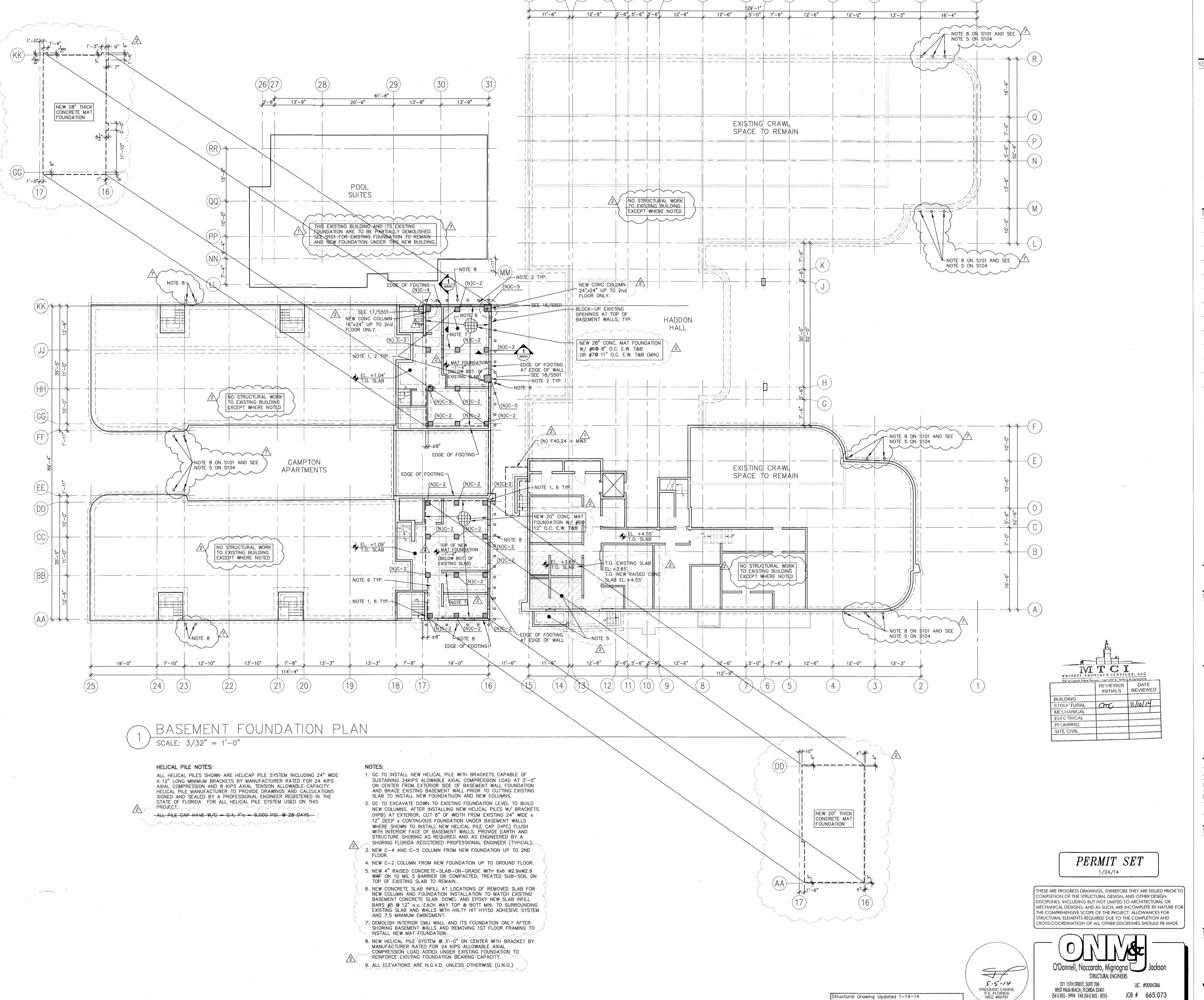
JOB NUMBER: 13036.00
CHECKED BY:
ISSUE DATE: JANUARY 24, 2014
SCALE: VARIES

SHEET TITLE

ENLARGED GUESTROOM ELEVATIONS -TYPE C3

SHEET NUMBER

A918a



QQ Q

HADDON HALL 1500 COLLINS AVE

MIAMI BEACH, FL

KEYPLAN N.T

REVISIO	ONS	
NO.	DESCRIPTION	ISSUE DATE
\triangle	PROGRESS TO 100% CD	2/7/14
2	PERMIT REVIEW COMMENTS	2/7/14 3/14/14 4/4/14
\triangle	POOL SUITES WALLS	4/4/14



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JOB NUMBER: 13036.00

CHECKED BY:

ISSUE DATE:

JANUARY 24, 2014

SCALE:

3/32" = 1'-0"

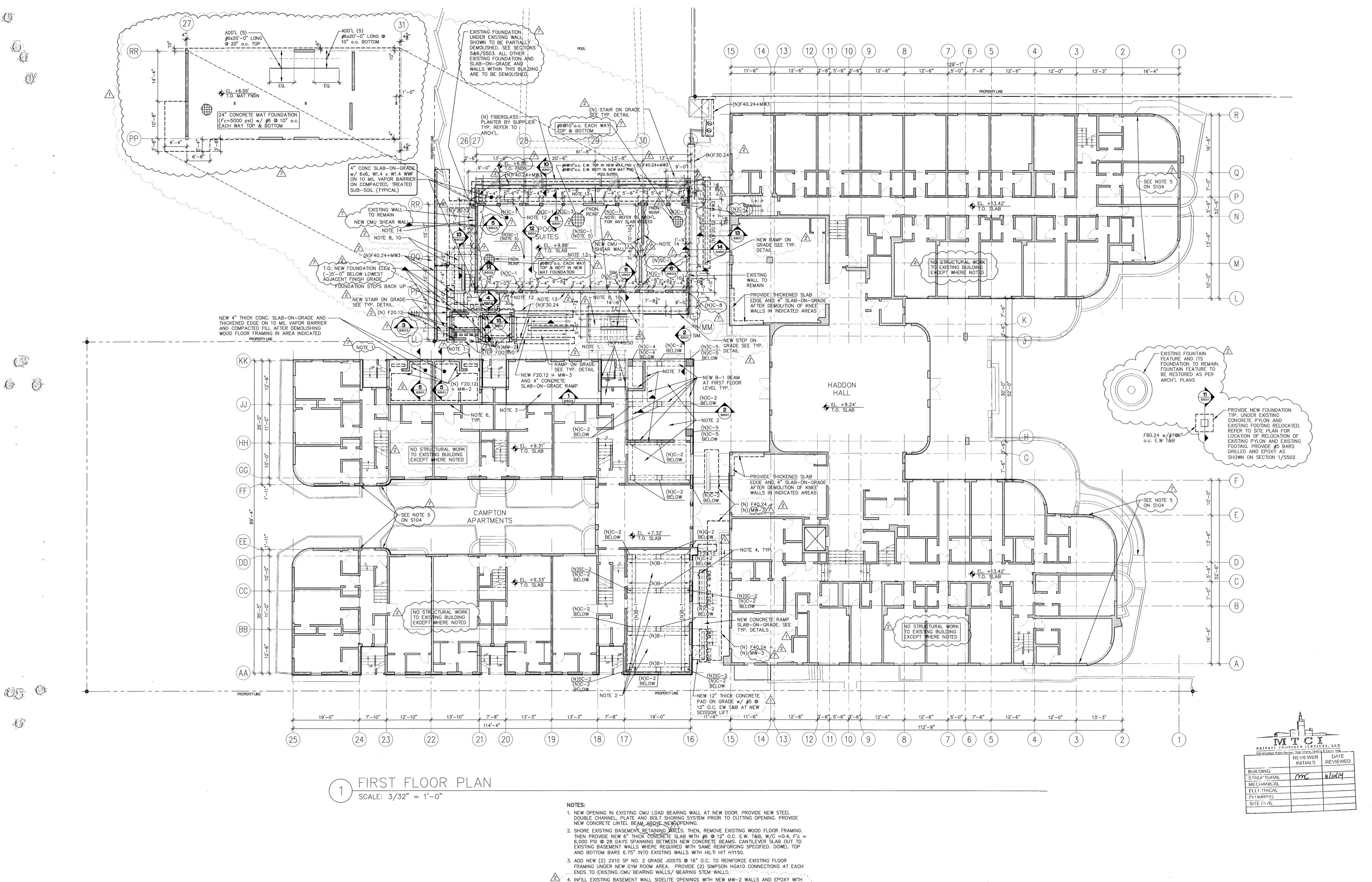
SHEET TITLE

BASEMENT FOUNDATION PLAN

SHEET NUMBER

Based on Architectural Backgrounds Dated 1—9—14

S100



HILTI HIT HY 150 ADHESIVE SYSTEM WITH 8" MIN. EMBED TO EXISTING FILLED CELLS. IF ADJACENT SURROUNDING CELLS ARE NOT FILLED, GROUT FILL FIRST ROW/COLUMN CELLS ONLY.

ELEVATED SLABS PROVIDE NEW 12"X12"X1" BASE PLATE AT FOUNDATION W/ (4) 1" DIAMETER X

16" LG A307 THREADED BOLT W/ 2"X2"X3/4" PLATE AND DOUBLE NUTS AT END OF BOLTS. 6. EXISTING BEARING WALL/BEARING STEM WALLS TO REMAIN ON TOP OF EXISTING 24" WIDE X 12"

8. 8" THICK STAIR SLAB THICKNESS PLUS RISER W/ #4@6"O.C. E.W. T&B AT STAIR SLAB AND LANDING. HOOK ALL STAIR STAIR SLAB AND LANDING REBAR INTO CONCRETE WALL AND

CONCRETE BEAMS. PROVIDE 6" THICK CONCRETE WALLS AT EDGES W/ #4 @ 6" O.C. MID

9. 10" THICK CONCRETE WALL W/ #5@ 8" O.C. EACH FACE VERTICAL, #4@ 16" O.C. EACH FACE

10.PRIOR TO CUTTING HOLE IN EXISTING CMU, CUT CMU AT NEW JAMB ONLY FIRST AND PROVIDE

11. PROVIDE NEW MW-3 WALLS AT ALL CMU NOT TAGGED ON PLAN. GROUT ALL CELLS SOLID

13.PROVIDE NEW 8" CONCRETE SHEARWALL (FNDN TO TOP OF ROOF) W/ #7 @ 6" O.C. VERTICAL

14.PROVIDE NEW MW-3 FOR 6 FEET FROM EACH END OF THIS WALL FROM FNDN TO ROOF AND

15. ALL NEW FOUNDATIONS TO BE 1'-6" BELOW FINISHED GRADE UNLESS NOTED OTHERWISE.

NEW C-7 CONCRETE COLUMN FROM FOUNDATION UP TO TOP OF NEW OPENING. THEN PROVIDE

VERTICAL HOOKED INTO STAIR SLAB AND #4 @ 12" O.C. HORIZONTAL.

12.PROVIDE NEW MW-3 TYPICAL ALONG THIS WALL U.N.O. FROM FNDN TO ROOF.

5. PROVIDE NEW 12"X12"X1.25" THICK CAP AND BASE PLATE W/ (4) 1/2" X 5" LG H.S. AT

THICK FOUNDATION TYPICAL U.N.O.

INFORMATION AS PER SECTION 2/S503.

E.F. AND #3/@ 8" O.C. HORIZONTAL E.F.

PROVIDE NEW MW-5 AT BALANCE FROM FNDN TO ROOF.

7. NEW CMU MW-1.

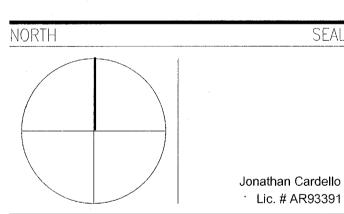
BELOW GRADE.

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MIAMI BEACH, FL

REVISIONS NO. DESCRIPTION ISSUE DATE PROGRESS TO 100% CD 2/7/14 PERMIT REVIEW COMMENTS 3/14/14 4/4/14 POOL SUITES WALLS

PERMIT SET



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JOB NUMBER: 13036.00 CHECKED BY: ISSUE DATE: JANUARY 24, 2014 3/32" = 1'-0" SCALE:

FIRST FLOOR PLAN

SHEET NUMBER

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PERMIT SET 1/24/14

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STRUCTURAL ENGINEERS

LIC. #0004386

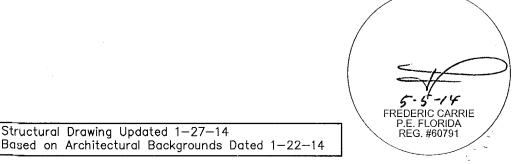
JOB # 665.073

321 15TH STREET, SUITE 200

WEST PALM BEACH, FLORIDA 33401

(561) 835 - 9994 FAX (561) 835 - 8255

THE COMPREHENSIVE SCOPE OF THE PROJECT. ALLOWANCES FOR STRUCTURAL ELEMENTS REQUIRED DUE TO THE COMPLETION AND CROSS-COORDINATION OF ALL OTHER DISCIPLINES SHOULD BE MADE.



ISSUE DATE NO. DESCRIPTION PROGRESS TO 2/7/14 100% CD PERMIT REVIEW COMMENTS 3/14/14 POOL SUITES WALLS 4/4/14

PERMIT SET

Jonathan Cardello

Lic. # AR93391

Boston Miami

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JOB NUMBER 13036.00 CHECKED BY: ISSUE DATE: JANUARY 24, 2014 3/32" = 1'-0" SCALE:

SECOND FLOOR FRAMING PLAN

SHEÉT NUMBER

O'Donnell, Naccarato, Mignogna Jackson STRUCTURAL ENGINEERS 321 15TH STREET, SUITE 200 LIC. #0004386 WEST PALM BEACH, FLORIDA 33401 JOB # 665.073 (561) 835 - 9994 FAX (561) 835 - 8255 COPYRIGHT ADD INC 2011

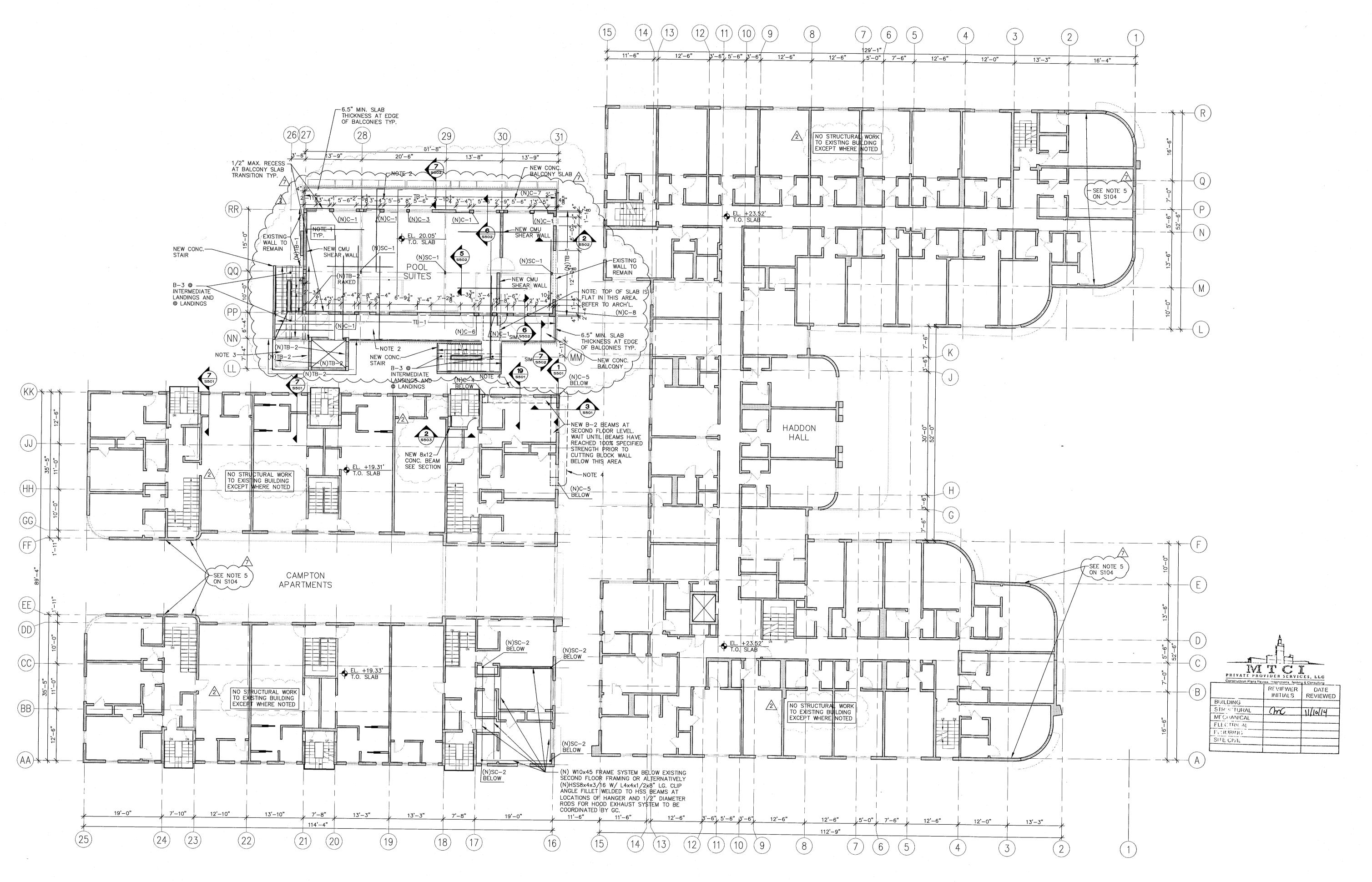
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CROSS-COORDINATION OF ALL OTHER DISCIPLINES SHOULD BE MADE.

5-5-14

Structural Drawing Updated 1—27—14 Based on Architectural Backgrounds Dated 1—22—14



SECOND FLOOR FRAMING PLAN

1. NEW 8" THICK CONCRETE SLAB W/ #5@12" O.C. E.W. T&B. AT ALL BALCONIES, PROVIDE #5@12" O.C. TOP BARS RUNNING NORTH—SOUTH AND #4@8" O.C. TOP BARS RUNNING EAST—WEST AND #4@6" O.C. BOTTOM BARS

EACH WAY. EXTEND ALL NORTH-SOUTH #5 TOP BARS OF BALCONIES 17'

EACH WAY. EXTEND ALL NORTH—SOUTH #5 TOP BARS OF BALCONIES 17'
INTO INTERIOR SLAB. EXTEND BOTTOM BAR 4' INTO INTERIOR SLAB. REFER
TO NOTE 2 FOR REINFORCING BAR PROTECTION IN BALCONIES.

2. REFER TO ARCH'L FOR SLOPING AT TOP OF SLAB AT BALCONIES/WALKWAYS
TYP. ALL BALCONY AND EXPOSED SLABS SHALL HAVE GALVANIZED
REINFORCING BARS AND CONCRETE PROTECTION AS PER CONCRETE
STRUCTURAL NOTE 9D ON S401.

3. NEW 6" THICK CONCRETE SLAB W/ #5 @ 12" O.C.) E.W. T&B, WITH 8" THICK
× 10" TALL CONCRETE CURB WITH 2#5 AT TOP AND MID.

4. NEW 6" THICK CONCRETE EYEBROW W/ #4 @ 12" O.C. E.W. T&B.

SCALE: 3/32" = 1'-0"

0.0

6.5" MIN. SLAB
THICKNESS AT EDGE
OF BALCONIES TYP. O STRUCTURAL V XCEPT WHERE NO 1/2" MAX. RECESS -AT BALCONY SLAB TRANSITION TYP. NOTE: TOP OF SLAB IS FLAT IN THIS AREA SEE ARCH'L. REFER TO NOTE 8 S501 SIM.
ON S101 FOR STAIR
REINFORCING HADDON HALL NO STRUCTURAL WORK TO EXISTING BUILDING EXCEPT WHERE NOTED SEE NOTE 5 ON S104 CAMPTON APARTMENTS SEE NOTE 5 ON S104 NO STRUCTURAL WORK TO EXISTING BUILDING EXCEPT WHERE NOTED REVIEWER DATE INITIALS REVIEWED BUILDING
STRUCTURAL CMC W/16/14 NO STRUCTURAL WORK TO EXISTING BUILDING EXCEPT WHERE NOTED MECHANICAL ELECTRICAL PLUMBING

112'-9"

THIRD FLOOR FRAMING PLAN

OF O

NOTES:

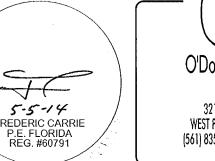
1. NEW 8" THICK CONCRETE SLAB W/ #5@12" O.C. E.W. T&B. AT ALL BALCONIES, PROVIDE #5@12" O.C. TOP BARS RUNNING NORTH—SOUTH AND #4@8" O.C. TOP BARS RUNNING EAST—WEST AND #4@6" O.C. BOTTOM BARS EACH WAY. EXTEND ALL NORTH—SOUTH #5 TOP BARS OF BALCONIES 17' INTO INTERIOR SLAB. EXTEND BOTTOM BAR 4' INTO INTERIOR SLAB. REFER TO NOTE 2 FOR REINFORCING BAR PROTECTION IN BALCONIES.

2. REFER TO ARCH'L FOR SLOPING AT TOP OF SLAB AT BALCONIES/WALKWAYS TYP. ALL BALCONY AND EXPOSED SLABS SHALL HAVE GALVANIZED REINFORCING BARS AND CONCRETE PROTECTION AS PER CONCRETE STRUCTURAL NOTE 9D ON S401.

20

PERMIT SET

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Structural Drawing Updated 1—27—14
Based on Architectural Backgrounds Dated 1—22—14



HADDON HALL 1500 COLLINS AVE

NO. DESCRIPTION ISSUE DATE

PROGRESS TO 2/7/14

PERMIT REVIEW COMMENTS

POOL SUITES WALLS

4/4/14

PERMIT SET

Jonathan Cardello Lic. # AR93391

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 JOB NUMBER:
 13036.00

 CHECKED BY:
 ISSUE DATE:

 JANUARY 24, 2014
 3/32" = 1'-0"

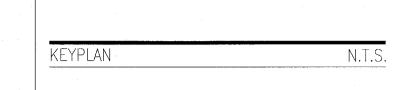
Boston Miami

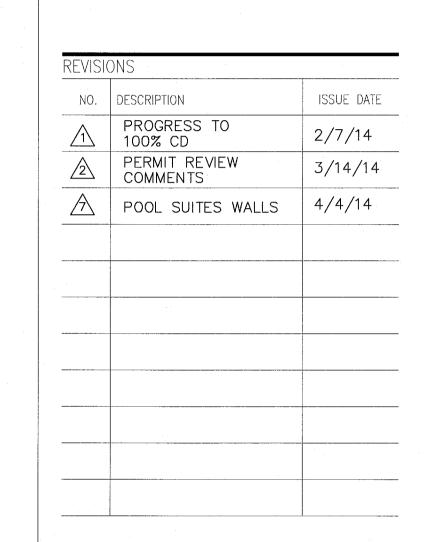
SHEET TITLE

THIRD FLOOR FRAMING PLAN

SHEET NUMBER

S103







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Lic. # AA26001507 13036.00 JOB NUMBER: CHECKED BY: ISSUE DATE: JANUARY 24, 2014

Boston Miami

3/32" = 1'-0"

SCALE:

PERMIT SET

1/24/14

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COMPLETION OF THE STRUCTURAL DESIGN, AND OTHER DESIGN

DISCIPLINES. INCLUDING BUT NOT LIMITED TO ARCHITECTURAL OR MECHANICAL DESIGNS; AND AS SUCH, ARE INCOMPLETE BY NATURE FOR

THE COMPREHENSIVE SCOPE OF THE PROJECT. ALLOWANCES FOR STRUCTURAL ELEMENTS REQUIRED DUE TO THE COMPLETION AND CROSS-COORDINATION OF ALL OTHER DISCIPLINES SHOULD BE MADE.

STRUCTURAL ENGINEERS

LIC. #0004386

JOB # 665.073

321 15TH STREET, SUITE 200

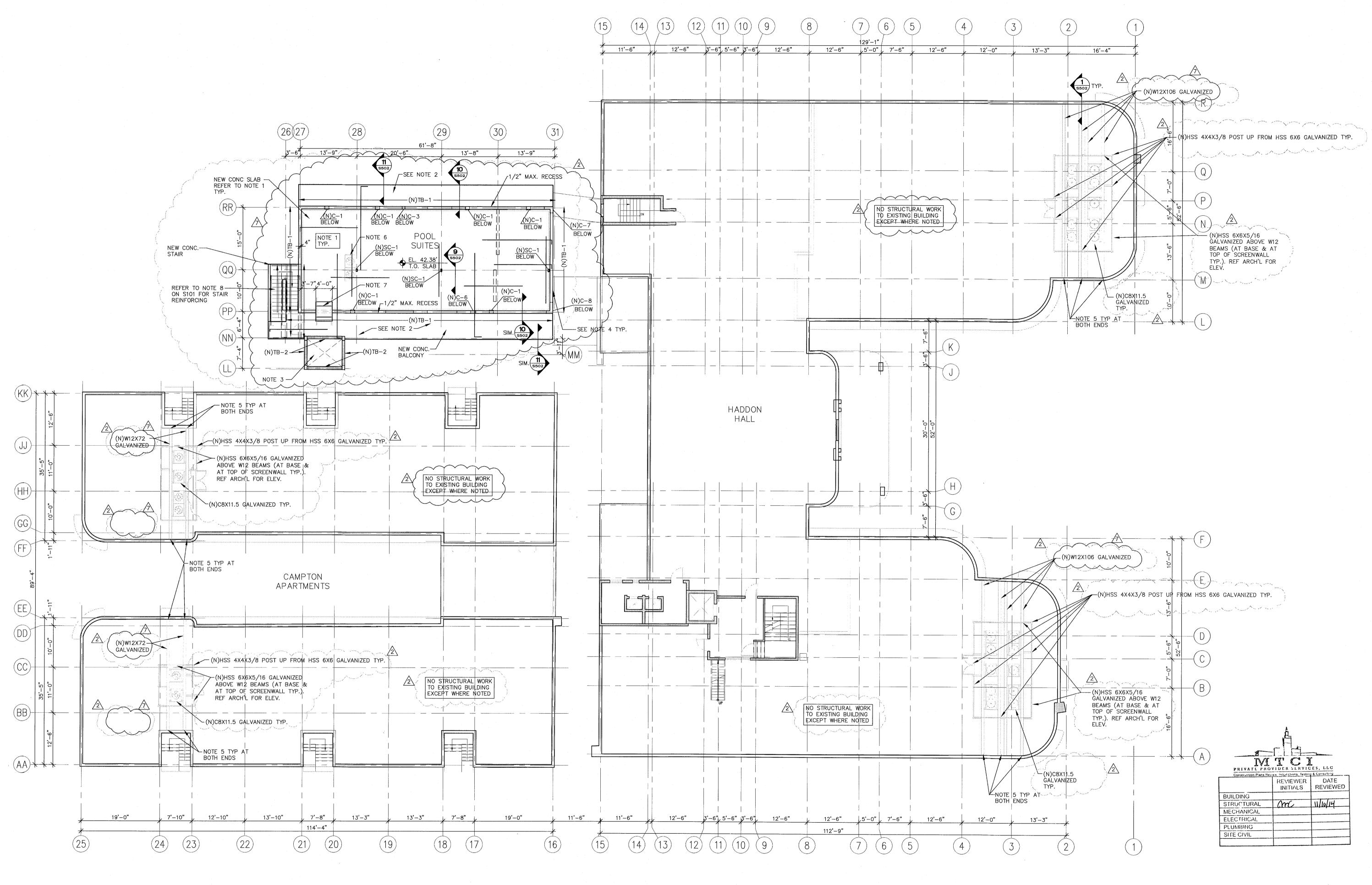
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ROOF FRAMING PLAN

SHEET NUMBER

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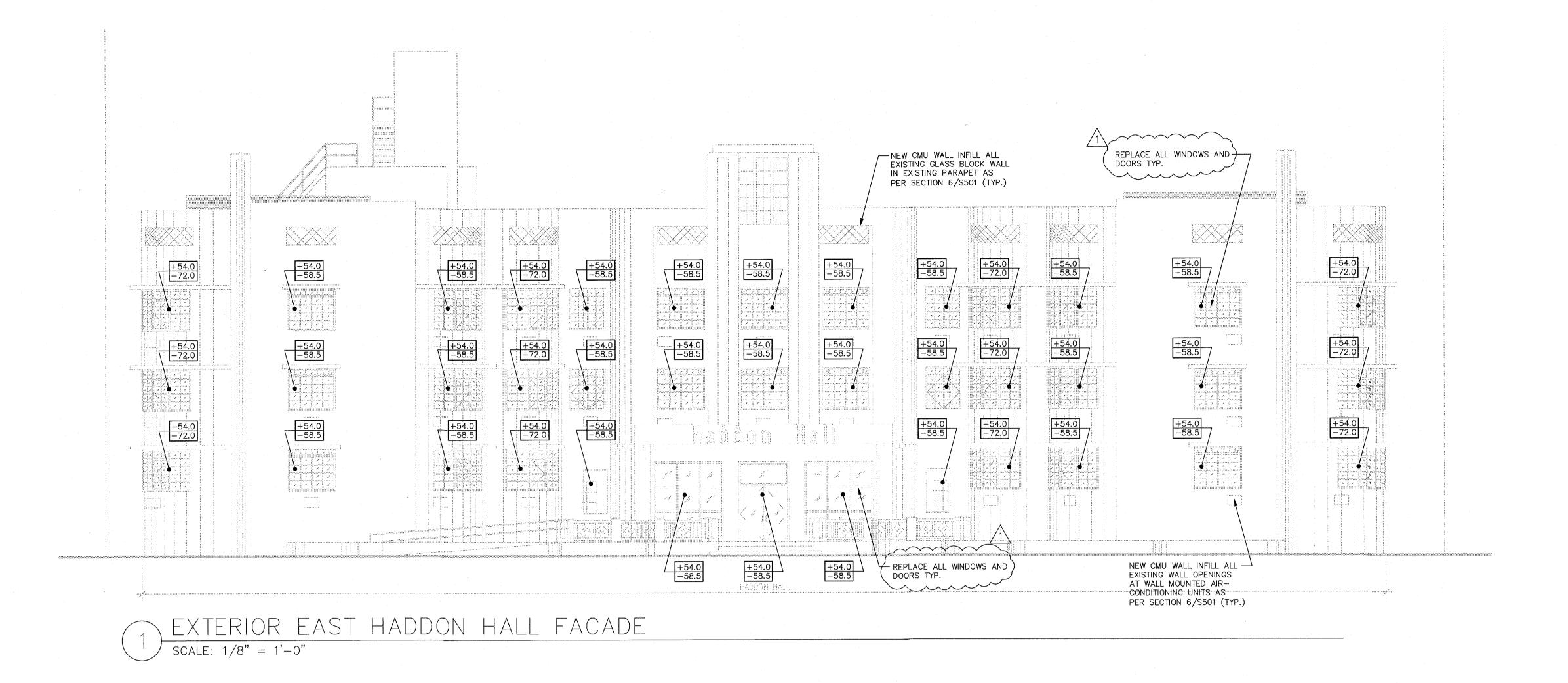
NOTES: 1. NEW 8" THICK CONCRETE SLAB W/ #5@12" O.C. E.W. T&B. AT ALL BALCONIES, PROVIDE #5@ 12" O.C. TOP BARS RUNNING NORTH-SOUTH AND #4@8" O.C. TOP BARS RUNNING EAST-WEST AND #4@6" O.C. BOTTOM BARS EACH WAY. EXTEND ALL NORTH-SOUTH #7 TOP BARS OF BALCONIES 17' INTO INTERIOR SLAB. EXTEND BOTTOM BAR 4' INTO INTERIOR SLAB. REFER TO NOTE 2 FOR REINFORCING BAR PROTECTION IN BALCONIES.

2. REFER TO ARCH'L FOR SLOPING AT TOP OF SLAB AT BALCONIES/WALKWAYS TYP. ALL BALCONY AND EXPOSED SLABS SHALL HAVE GALVANIZED REINFORCING BARS AND CONCRETE PROTECTION AS PER CONCRETE STRUCTURAL NOTE 9D ON S401. 3. NEW 6" THICK CONCRETE SLAB W/ #5 @ 12" O.C. E.W. T&B. AT TOP OF ELEVATOR. 4. PROVIDE NEW MW-2 PARAPET WITH BB-2 AT TOP TYP.

5. BREAK EXTERIOR FACE SHELL OF EXISTING CMU AND PROVIDE #5 VERTICAL DOWN TO TOP OF FOUNDATION UNDER EACH W12 BEAMS CONNECTION ANGLES. EMBED NEW #5 VERTICAL BARS 7" INTO EXISTING FOUNDATION WITH HILTI HIT HY150 ADHESIVE SYSTEM. GROUT CELLS SOLID AND APPLY STUCCO AS SPECIFIED IN ARCH'L. 6. NEW ROOF TOP UNIT WITH CURB BY SUPPLIER. PROVIDE AT 1 FOOT FROM EACH ENDS OF EACH RTU (2) L4X4X1/4X12" LG CLIP (8 CLIPS PER RTU) EACH W/ (2) 3/4" DIAM. BOLT SPACED 10" APART W/ HILTI HIT HY150 ADHESIVE SYSTEM W/ 6.75" EMBED INTO CONCRETE SLAB. PROVIDE (1) 4" WIDE 14GA METAL STRAP WELDED TO EACH CLIP ANGLES AND WRAPPING AROUND RTU (2 STRAPS PER-RTU SIDES, 4 STRAPS TOTAL).

7. NEW PREFABRICATED METAL STAIR BY SUPPLIER. REFER TO ARCH'L PLANS.

Structural Drawing Updated 1—27—14 Based on Architectural Backgrounds Dated 1-22-14



~~~~ NEW CMU WALL INFILL ALL
EXISTING GLASS BLOCK WALL
IN EXISTING PARAPET AS
PER SECTION 6/S501 (TYP.) REPLACE ALL WINDOWS AND DOORS TYP. +54.0 -58.5 REMOVE EXISTING KNEE-WALL AND PROVIDE NEW THICKENED SLAB EDGE AND SLAB-ON-GRADE. REMOVE EXISTING KNEE—WALL AND — PROVIDE NEW THICKENED SLAB EDGE AND SLAB—ON—GRADE. REPLACE ALL WINDOWS AND DOORS TYP.

2 EXTERIOR WEST HADDON HALL FACADE scale: 1/8" = 1'-0"

+ = ALLOWABLE PRESSURE IN PSF - = ALLOWABLE SUCTION IN PSF Kd.= 0.85 INCLUDED EXPOSURE D

Vasd = 139 MPH

PERMIT SET 1/24/14

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5-5-14

Structural Drawing Updated 1—27—14 Based on Architectural Backgrounds Dated 1—22—14

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HADDON HALL 1500 COLLINS AVE MIAMI BEACH, FL

| REVISI<br>No. | DESCRIPTION            | ISSUE DATE |
|---------------|------------------------|------------|
| 1             | PROGRESS TO 100% CD    | 2/7/14     |
| 2             | PERMIT REVIEW COMMENTS | 3/14/14    |
|               |                        |            |
|               |                        |            |
|               |                        |            |

| PEF                                                                                    | RMIT SET                            |
|----------------------------------------------------------------------------------------|-------------------------------------|
| NORTH                                                                                  | SEAL                                |
|                                                                                        | Jonathan Cardello<br>Lic. # AR93391 |
| ADD Inc                                                                                | Architecture Interiors Planning     |
| One Biscayne Tower<br>Suite 1670<br>Two South<br>Biscayne Boulevard<br>Miami, Fl 33131 |                                     |

|   | Lic. # AA26001507 |                  |
|---|-------------------|------------------|
|   |                   | 47070.00         |
| ` | JOB NUMBER:       | 13036.00         |
|   | CHECKED BY:       |                  |
|   | ISSUE DATE:       | JANUARY 24, 2014 |
|   | SCALE:            | 1/8" = 1'-0"     |
|   |                   |                  |

Boston Miami

SHEET TITLE

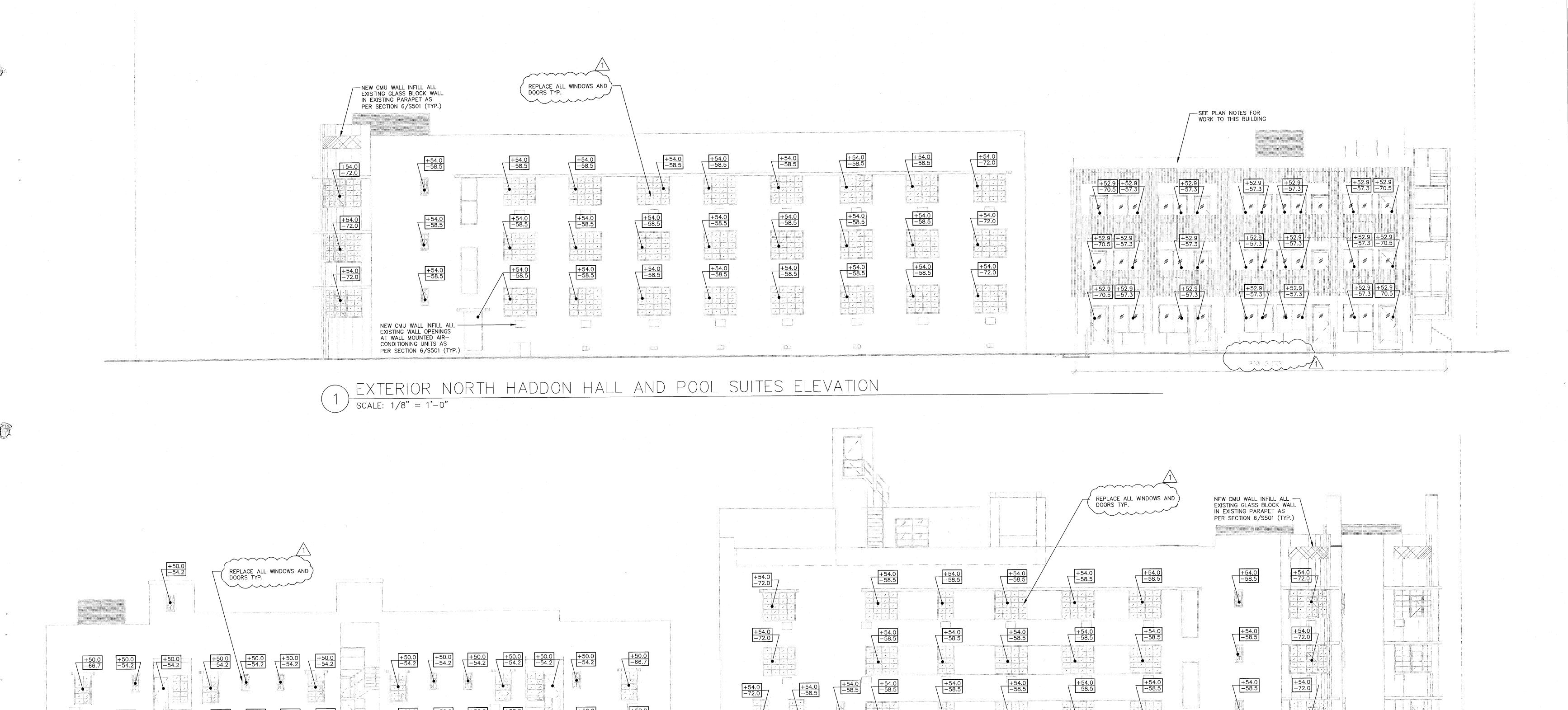
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**EXTERIOR ELEVATIONS** 

SHEET NUMBER



EXTERIOR SOUTH CAMPTON AND HADDON HALL ELEVATION

Scale: 1/8" = 1'-0"

0



1500 COLLINS AVE

MIAMI BEACH, FL

KEYPLAN

N.T.S

HADDON HALL

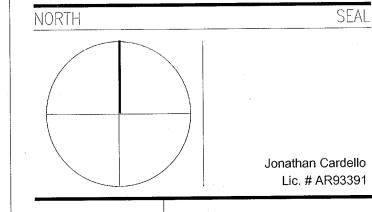
NO. DESCRIPTION ISSUE DATE

↑ PROGRESS TO 2/7/14

↑ PERMIT REVIEW 3/14/14

COMMENTS

PERMIT SET



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+ = ALLOWABLE PRESSURE IN PSF - = ALLOWABLE SUCTION IN PSF

PERMIT SET

THESE ARE PROGRESS DRAWINGS, THEREFORE THEY ARE ISSUED PRIOR TO COMPLETION OF THE STRUCTURAL DESIGN, AND OTHER DESIGN DISCIPLINES. INCLUDING BUT NOT LIMITED TO ARCHITECTURAL OR MECHANICAL DESIGNS; AND AS SUCH, ARE INCOMPLETE BY NATURE FOR THE COMPREHENSIVE SCOPE OF THE PROJECT. ALLOWANCES FOR STRUCTURAL ELEMENTS REQUIRED DUE TO THE COMPLETION AND CROSS-COORDINATION OF ALL OTHER DISCIPLINES SHOULD BE MADE.

STRUCTURAL ENGINEERS

LIC. #0004386

JOB # 665.073

321 15TH STREET, SUITE 200

WEST PALM BEACH, FLORIDA 33401

(561) 835 - 9994 FAX (561) 835 - 8255

Kd = 0.85 INCLUDED

EXPOSURE D

JOB NUMBER: 13036.00

CHECKED BY:

ISSUE DATE: JANUARY 24, 2014

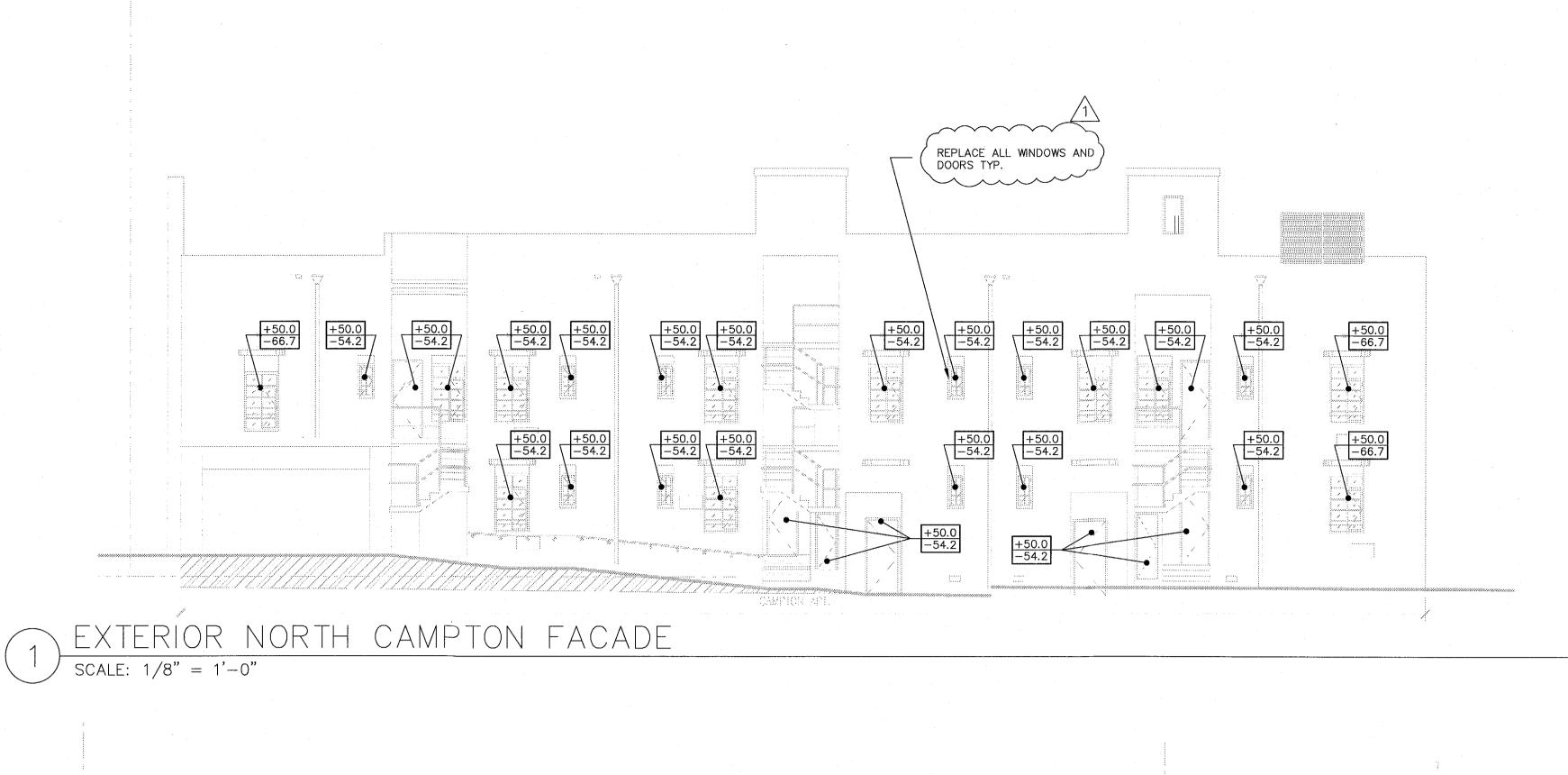
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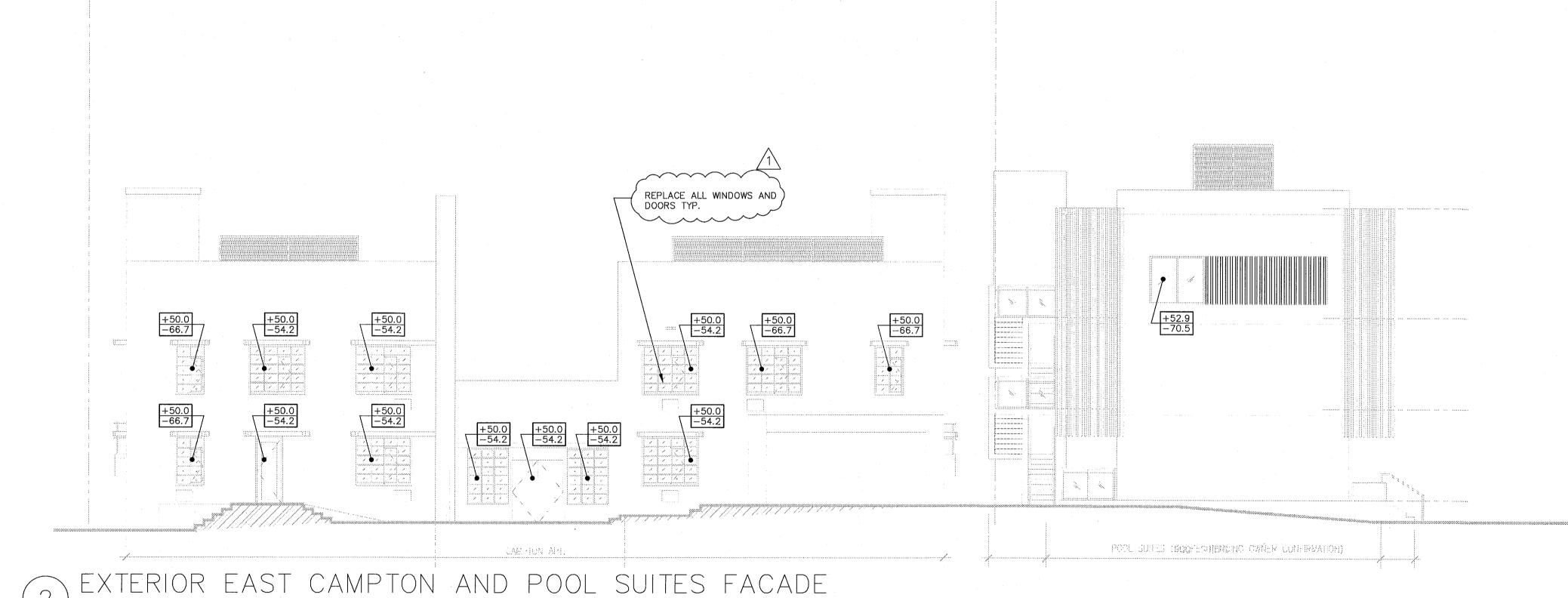
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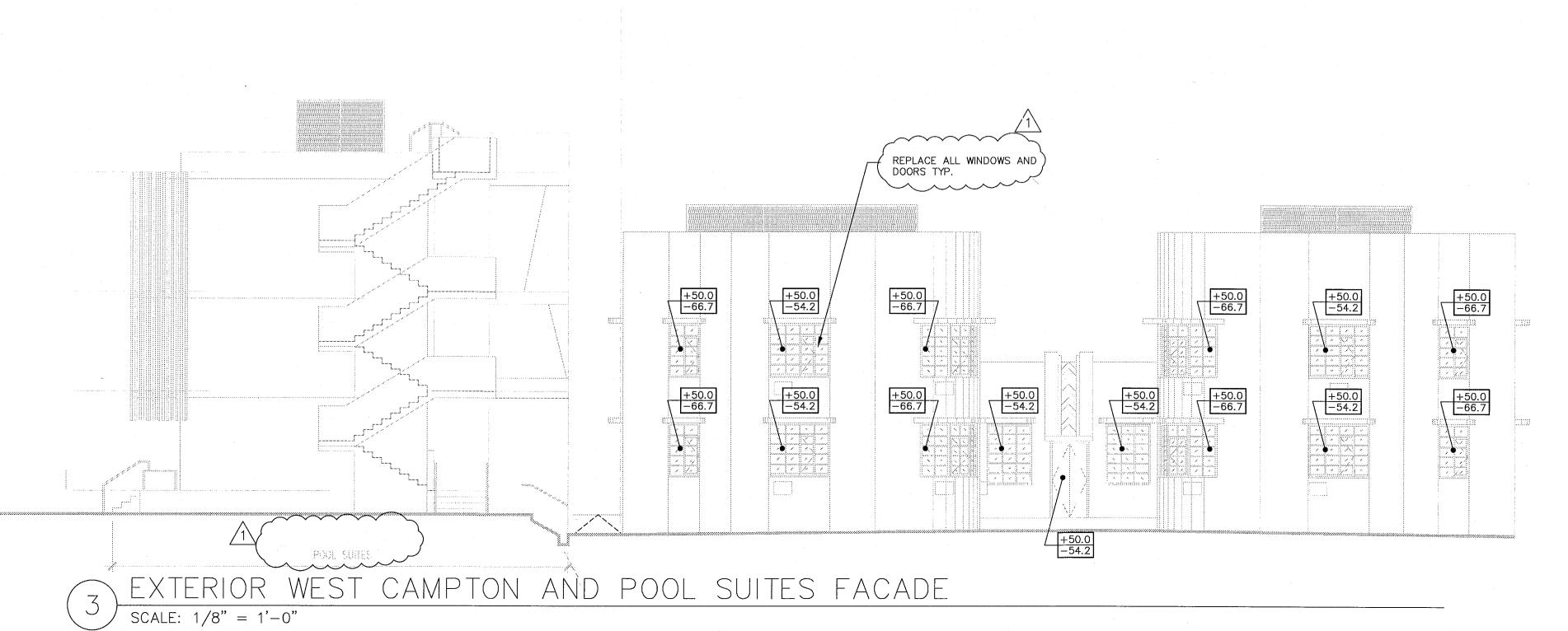
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SHEET NUMBER

S302







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5-5-14 FREDERIC CARRIE P.E. FLORIDA REG. #60791 Structural Drawing Updated 1—27—14
Based on Architectural Backgrounds Dated 1—22—14

HADDON HALL 1500 COLLINS AVE

MIAMI BEACH, FL

ISSUE DATE PROGRESS TO 100% CD PERMIT REVIEW COMMENTS

**PERMIT SET** Jonathan Cardello Lic. # AR93391

ADD Inc

One Biscayne Tower Suite 1670 Two South Biscayne Boulevard Miami, FI 33131 T. 305.482.8700 F. 305.482.8770 www.addinc.com Lic. # AA26001507 JOB NUMBER:

13036.00 CHECKED BY: ISSUE DATE: JANUARY 24, 2014 SCALE: 1/8" = 1'-0"

**EXTERIOR ELEVATIONS** 

SHEET NUMBER

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Kd = 0.85 INCLUDED
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PERMIT SET

1/24/14

THESE ARE PROGRESS DRAWINGS, THEREFORE THEY ARE ISSUED PRIOR TO COMPLETION OF THE STRUCTURAL DESIGN, AND OTHER DESIGN DISCIPLINES. INCLUDING BUT NOT LIMITED TO ARCHITECTURAL OR

MECHANICAL DESIGNS; AND AS SUCH, ARE INCOMPLETE BY NATURE FOR THE COMPREHENSIVE SCOPE OF THE PROJECT. ALLOWANCES FOR STRUCTURAL ELEMENTS REQUIRED DUE TO THE COMPLETION AND CROSS-COORDINATION OF ALL OTHER DISCIPLINES SHOULD BE MADE.

STRUCTURAL ENGINEERS

LIC. #0004386

Vasd = 139 MPH

CONTRACTOR NOTE: THE CONTRACTOR IS SOLELY RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. O'DONNELL NACCARATO, MIGNOGNA & JACKSON, INC. IS NOT RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION OR FOR

RELATED SAFETY PRECAUTIONS AND PROGRAMS. CODES AND STANDARDS WIND LOADS AS PER:

> A. SECTION 1609 OF THE FLORIDA BUILDING CODE 2010 EDITION WITH AN ULTIMATE WIND SPEED VULT = 179 MPH (NOMINAL WIND SPEED VASD = 136 MPH), FOR RISK CATEGORY 2, EXPOSURE D AND INTERNAL PRESSURE COEFFICIENT +/- 0.18.

B. THIS BUILDING IS DESIGNED AS AN ENCLOSED BUILDING. ASCE 7-10 /EDITION, WITH AN ULTIMATE WIND SPEED VULT = 179 MPH NOMINAL WIND SPEED VASD = 136 MPH). FOR RISK CATEGORY 2, EXPOSURE D AND INTERNAL PRESSURE COEFFICIENT +/- 0.18.

2. THE PROJECT WAS DESIGNED IN ACCORDANCE WITH THE: A. FLORIDA BUILDING CODE 2010 EDITION.

(ACI 318 / LATEST EDITION). MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES (ACI 315/ LATEST EDITION).

B. BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE

INSERTS & CONNECTIONS IN REINFORCED CONCRETE CONSTRUCTION. AWS. D1.4/ LATEST EDITION. SPECIFICATION FOR THE DESIGN, FABRICATION & ERECTION OF STRUCTURAL STEEL FOR BUILDINGS. (AMERICAN INSTITUTE OF STEEL CONSTRUCTION) AISC ASD/ 9TH EDITION OR LRFD 3RD EDITION. SPECIFICATION FOR STRUCTURAL CONCRETE FOR BUILDINGS, ACI 301/LATEST EDITION.

MANUAL OF STANDARD PRACTICE FOR WELDING REINFORCING STEEL,

NATIONAL DESIGN SPECIFICATION, WOOD CONSTRUCTION NDS/LATEST H. BUILDING CODE REQUIREMENTS AND SPECIFICATIONS FOR MASONRY STRUCTURES (ACI 530, 530.1/ASCE 5, 6/TMS 402, 602/LATEST EDITIONS).

I. ASCE 7- 10. 3. ARCHITECTURAL AND MECHANICAL DRAWINGS:

THE STRUCTURAL DRAWINGS ARE PART OF THE CONTRACT DOCUMENTS AND DO NOT BY THEMSELVES PROVIDE ALL THE INFORMATION REQUIRED TO PROPERLY COMPLETE THE PROJECT STRUCTURE. THE SENERAL CONTRACTOR SHALL CONSULT THE ARCHITECTURA MECHANICAL AND ELECTRICAL DRAWINGS AND COORDINATE T INFORMATION CONTAINED IN THESE DRAWINGS WITH THE S'IRUCTURAL DRAWINGS TO PROPERLY CONSTRUCT THE PROJECT.

REFER TO ARCHITECTURAL, MECHANICAL OR ELECTRICAL DRAWINGS FOR ADDITIONAL OPENINGS, DEPRESSIONS, FINISHES, INSERTS, BOLTS SETTINGS, DRAINS, REGLETS, ETC.

BEFORE ORDERING ANY MATERIALS OR DOING ANY WORK, THE CONTRACTOR SHALL VERIFY ALL MEASUREMENTS TO PROPERLY SIZE OR FIT THE WORK. NO EXTRA CHARGE OR COMPENSATION WILL BE

ALLOWED BY THE OWNER RESULTING FROM THE CONTRACTOR'S

FAILURE TO COMPLY WITH THIS REQUIREMENT. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER BEFORE PROCEEDING WITH ANY WORK. ALL STRUCTURES HAVE BEEN DESIGNED TO RESIST THE DESIGN

LOADS LISTED ONLY AS COMPLETED STRUCTURES. THE GENERAL CONTRACTOR SHALL FULLY BRACE AND OTHERWISE PROTECT WORK PROGRESS UNTIL THE STRUCTURES ARE COMPLETED. THE SENERAL CONTRACTOR SHALL ALSO INSURE THAT ITS OPERATIONS AND PROCEDURES PROVIDE NO LOADING GREATER THAN THE DESIGN LOADS LISTED ON ANY MEMBER. 4. SECTIONS AND DETAILS:

ALL DETAILS, SECTIONS AND NOTES SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL APPLY TO SIMILAR SITUATIONS ELSEWHERE UNLESS OTHERWISE SHOWN.

5. THRESHOLD INSPECTIONS SHALL BE PERFORMED DURING CONSTRUCTION OF THIS BUILDING AS REQUIRED BY SECTION 110.3.7 OF FBC. 6. MATERIALS AND ASSEMBLY TEST AS FOLLOWS:

> EXTERIOR WINDOWS, SLIDING AND PATIO GLASS DOORS SHALL BE TESTED BY AN APPROVED INDEPENDENT TESTING LABORATORY, AND SHALL BE ABELED WITH AN APPROVED LABEL IDENTIFYING THE MANUFACTURER PERFORMANCE CHARACTERISTICS AND APPROVED PRODUCT CERTIFICATION AGENCY, TESTING LABORATORY, EVALUATION ENTITY OR FLORIDA STATE WIDE PRODUCT APPROVAL NUMBER TO INDICATE COMPLIANCE WITH THE REQUIREMENTS OF ONE OF THE FOLLOWING SPECIFICATIONS: ANSI/AAMA/NWWDA 101/I.S. 2-97 OR TAS 202 (HVHZ SHALL COMPLY WITH

EXTERIOR DOOR ASSEMBLIES SHALL BE TESTED FOR STRUCTURAL INTEGRITY N ACCORDANCE WITH ASTM E330 AT A LOAD OF 1.5 TIMES THE REQUIRED DESIGN PRESSURE LOAD. THE LOAD SHALL BE SUSTAINED FOR 10 SECOND MITH NO PERMANENT DEFORMATION OF ANY MAIN FRAME OR PANEL MEMBER IN EXCESS OF 0.4 PERCENT OF ITS SPAN AFTER THE LOAD IS REMOVED HVHZ SHALL COMPLY WITH TAS 202. AFTER EACH SPECIFIED LOADING, THERE SHALL BE NO GLASS BREAKAGE, PERMANENT DAMAGE TO FASTENERS HARDWARE PARTS, OR ANY OTHER DAMAGE, WHICH CAUSES THE DOOR TO BE INOPERABLE

CUSTOM (ONE OF A KIND) EXTERIOR DOOR ASSEMBLIES SHALL BE TESTED BY AN APPROVED TESTING LABORATORY OR BE ENGINEERED IN ACCORDANCE WITH ACCEPTED ENGINEERING PRACTICES. WINDOW AND DOOR ASSEMBLIES SHALL BE ANCHORED IN ACCORDANCE WITH THE PUBLISHED MANUFACTURER'S RECOMMENDATIONS TO ACHIEVE THE DESIGN PRESSURE SPECIFIED. SUBSTITUTE ANCHORING SYSTEM USED FOR SUBSTRATES

NOT SPECIFIED BY THE FENSTRATION MANUFACTURER SHALL PROVIDE EQUAL O

GREATER ANCHORING PERFORMANCE AS DEMONSTRATED BY ACCEPTED ENGINEERING

7. ALL FASTENERS DESIGNATED, AS STAINLESS STEEL SHALL CONFORM TO AISI 316

SPECIALTY ENGINEERED PRODUCTS 1. THE GENERAL CONTRACTOR IS RESPONSIBLE TO COORDINATE THE PROPER SUBMISSION

OF SPECIALTY ENGINEERED SHOP DRAWINGS WHICH SHALL BE SIGNED AND SEALED BY AN ENGINEER REGISTERED IN THE STATE OF FLORIDA. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO ASSURE THAT THE SPECIALTY ENGINEERED SHOP DRAWINGS ARE SUBMITTED IN A TIMELY MANNER SO AS TO ALLOW REVIEWS AND RESUBMISSIONS AS REQUIRED. ALL SPECIALTY ENGINEERED PRODUCTS SHALL BE AND LATERAL LOADS. INTERIOR SPECIALTY PRODUCTS SHALL BE DESIGNED FOR ATERAL LOADS TO ASSURE STABILITY. SPECIALTY ENGINEERED PRODUCTS SHALL BE, BUT ARE NOT LIMITED TO, THE FOLLOWING:

A. LIGHT GAUGE METAL, INCLUDING BUT NOT LIMITED TO, SOFFITS, CLADDING, CEILINGS,

MISCELLANEOUS METALS INCLUDING STEEL STAIRS. HAND RAILS AND SAFFTY RAILS, MECHANICAL EQUIPMENT SUPPORTS, FRAMES THAT SUPPORT MACHINES, PIPES OR OTHER STRUCTURAL METAL USED FOR SUPPORT OF MECHANICAL SYSTEMS. MISCELLANEOUS HANGERS, CHANDELIERS, CABINETS, METAL FRAMES, LADDERS, RIGGING, HANGING WALLS, RAILINGS, GLAZING FRAMES, CLADDING SUCH AS

STONE, PRECAST, ALUMINUM, METAL PANELS, CABLE BARRIER SYSTEMS, ETC R ANY OTHER MISCELLANEOUS PRODUCT REQUIRED BY ANY OF THE CONSTRUCTION D. IN ADDITION TO THE LOADS SHOWN IN THE DESIGN LOAD SCHEDULE, THE SPECIALTY ENGINEER SHALL DESIGN FOR THE WEIGHT OF ALL MECHANICAL,

FIXTURES, BAR CABINETS, AND ART WORK / MOBILES. E. HELICAL PILE SYSTEM INCLUDING CAP PLATES AND BRACKETS

PLUMBING AND ELECTRICAL EQUIPMENT AND FIXTURES, AS WELL AS CHANDELIER

GENERAL CONTRACTOR TO INCULDE IN THEIR BID THE COST OF THE ABOVE NOTED SPECIALTY ADDITIONS/RENOVATIONS

1. ALL EXISTING CONDITIONS, DIMENSIONS, LOCATIONS AND ELEVATIONS OF EXISTING

STRUCTURES SHOWN ON THE DRAWINGS SHALL BE VERIFIED BY THE GENERAL CONTRACTOR IN THE FIELD AND COORDINATED WITH THE NEW CONSTRUCTION PRIOR TO PREPARATION OF WORKING OR SHOP DRAWINGS OR FABRICATION AND COMMENCEMENT OF ANY WORK. IF DISCREPANCIES ARE DISCOVERED BETWEEN EXISTING CONDITIONS AND CONTRACT WORK. THE GENERAL CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT OR ENGINEER PRIOR TO PERFORMANCE OF ANY WORK. 2. PRIOR TO SHOP DRAWING PREPARATION. THE GENERAL CONTRACTOR IS TO INVESTIGATE

AND VERIFY ACTUAL FIELD CONDITIONS, EXPOSED OR CONCEALED AND TAKE INTO ACCOUNT ANY POSSIBLE CONSTRUCTION INTERFERENCES AND RELOCATIONS OF, BUT NOT LIMITED TO STRUCTURES, EQUIPMENT, UTILITIES, CABLES, DUCT LINES, PIPING, 3. ANY PORTION OF EXISTING STRUCTURE ADJACENT TO THE CONSTRUCTION WHICH MAY

Y DISTURBED OR DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR TO A CONDITION AS GOOD AS BEFORE THE COMMENCEMENT OF THE WORK AT NO ADDITIONAL COSTS TO THE OWNER. 4. EXISTING STRUCTURE SHALL BE PROTECTED, MAINTAINED AND SUPPORTED DURING THE CONSTRUCTION WORK.

DEMOLITION CONTRACTOR TO:

> OBTAIN DEMOLITION PERMIT BEFORE PROCEEDING WITH THE WORK. CONTACT LOCAL BUILDING AUTHORITIES TO BECOME FAMILIAR WITH LOCAL LAWS AND REGULATIONS GOVERNING THIS WORK.

B. PROVIDE THE NECESSARY LABOR, MATERIAL, SCAFFOLDING AND EQUIPMENT REQUIRED TO COMPLETE DEMOLITION AS DESCRIBED IN THE

C. DISCONNECT ALL ELECTRICAL, PLUMBING AND AIR CONDITIONING SYSTEMS WITHIN THE AREA TO BE DEMOLISHED BEFORE PROCEEDING WITH DEMOLITION WORK.

D. DEMOLISH ONLY THE MEMBERS INDICATED IN THE DRAWINGS, DEMOLISH CONCRETE MEMBERS IN SMALL SECTIONS. TAKE EVERY PRECAUTION TO PROTECT EXISTING STRUCTURE THAT IS TO REMAIN. USE BRACING AND SHORING AS NECESSARY TO AVOID COLLAPSE OF STRUCTURE.

E. REMOVE ALL RUBBISH AND DEBRIS FROM BUILDING AND FROM PROPERTY.

SHORING AND RESHORING

THE CONTRACTOR SHALL PROVIDE AND MAINTAIN SHORING, BRACING AND STRUCTURAL SUPPORTS AS REQUIRED TO PRESERVE THE STABILITY OF THE STRUCTURE DURING CONTRUCTION. SUBMIT SIGNED AND SEALED SHOP DRAWINGS PREPARED BY A DELEGATED ENGINEER EXPERIENCED IN SUCH WORK AND LICENSED IN STHE STATE OF FLORIDA. SUBMIT DRAWINGS TO THE ARCHITECT, ENGINEER, SPECIAL INSPECTOR AND BUILDING OFFICIAL FOR RECORD ONLY. SHORING AND RESHORING DESIGN AND CONSTRUCTION IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND THE ENGINEER

THE DELEGATED ENGINEER WHO PREPARES THE SHORING AND REHORING DRAWINGS SHALL INSPECT THE SHORING AND RESHORING. HE SHALL PROVIDE A FIELD REPORT OF EACH INSPECTION TO THE CONTRACTOR AND ARCHITECT.

THE BRACING DETAILS OF THE EXTERIOR WALLS OF WHICH IN SOME CASES, THE ROOF DECK DIAPHRAGM AND ROOFING MEMBERS WILL BE REMOVED LEAVING THE EXTERIOR WALLS UNBRACED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HIRE A SPECIALTY SHORING AND BRACING ENGINEER TO PROVIDE THE REQUIRED DOCUMENTS FOR THIS

1. ALL SITE PREPARATION AND EXCAVATION WORK IS TO BE PERFORMED IN STRICT ACCORDANCE WITH THE: A. REPORT ON SOILS AND FOUNDATION INVESTIGATION PREPARED BY

THE BUILDING SITE SHOULD BE EXCAVATED TO THE DEPTH AND EXTENT INDICATED IN THE SOILS REPORT. ALL SUBGRADES SHALL BE APPROVED IN WRITING BY THE SOILS ENGINEER PRIOR TO BACKFILLING. 3. BOTTOM OF FOOTINGS TO BEAR ON:

A. CONTROLLED COMPACTED FILL CAPABLE OF SAFELY SUPPORTING 4000 PSF. 4. SOILS SUPPORTING ALL FOOTINGS MUST BE INSPECTED AND APPROVED BY A REGISTERED SOILS ENGINEER BEFORE COMMENCING WORK. APPROVAL IN WRITING MUST INDICATE THE SOIL IS ADEQUATE TO SAFELY SUSTAIN SPECIFIED SOIL BEARING PRESSURE.

5. TOP OF ALL EXTERIOR FOOTINGS SHALL BE MINIMUM'-4" BELOW EXTERIOR FINISH GRADE. 6. EXCAVATION & BACKFILL:

A. ALL EXCAVATION SHALL BE KEPT DRY. DE-WATERING WILL BE REQUIRED AND SHALL BE PROVIDED BY THE CONTRACTOR. DE-WATERING SHALL BE PROVIDED SO ALL EXCAVATIONS ARE DRY ) THE TESTING AGENCY CAN TAKE THE APPROPIRIATE DENSITY TESTS AND ALL OTHER REQUIREMENTS OF THE GEOTECHNICAL REPORT AND PROJECT CONSTRUCTION DOCUMENTS ARE MET. EXCAVATE TO DEPTHS AND DIMENSIONS INDICATED. TAKE EVERY PRECAUTION TO GUARD AGAINST ANY MOVEMENT OR SETTLEMENT OF ADJACENT STRUCTURES, UTILITIES, PIPING, ETC.

B. PROVIDE ANY BRACING OR SHORING NECESSARY TO AVOID SETTLEMENT OR DISPLACEMENT OF EXISTING (AND NEW FOUNDATION OR STRUCTURES. CENTERLINE OF FOOTINGS: SHALL COINCIDE WITH CENTERLINE OF OLUMNS UNLESS OTHERWISE NOTED ON DRAWINGS.

8. DIMENSIONS: ALL DIMENSIONS AND ELEVATIONS SHOWN ON THE STRUCTURAL DRAWINGS MUST BE VERIFIED AND COORDINATED WITH THE ARCHITECTURAL DRAWINGS BY THE CONTRACTOR BEFORE PROCEEDING WITH THE CONSTRUCTION. SCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OR IGINEER IN WRITING BEFORE PROCEEDING WITH ANY WORK. 9. DO NOT BACKFILL ANY BASEMENT WALLS UNTIL FIRST FLOOR IS IN PLACE

OR THE WALLS ADEQUATELY BRACED. 1. CONCRETE ELEMENTS TO HAVE THE FOLLOWING STRENGTHS:

6000 PS B. SLAB-ON-GRADE C. COLUMNS 6000 PSI (U.N.O) 6000 PS TIE BEAMS G. STRUCTURAL SLABS H. MASONRY GROUT

ALL OTHER CONCRETE TO BE 6000 PSI UNLESS NOTED OTHERWISE. 2. ALL CONCRETE SHALL BE READY MIX AND MEET THE FOLLOWING REQUIREMENTS:

A. A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI @ 28 DAYS AND HAVE A MINIMUM OF 517 LBS. OF CEMENT PER CUBIC YARD. B. A MINIMUM COMPRESSIVE STRENGTH OF 6000 PSI @ 28 DAYS AND HAVE A

MINIMUM OF 587 LBS. OF CEMENT PER CUBIC YARD. D. SLUMPS SHALL BE 3 INCH MINIMUM AND 5 INCH MAXIMUM.

F. ALL CONCRETE TO HAVE MAXIMUM WATER/CEMENT RATIO OF 0.40. G. JOBSITE WATER SHALL NOT BE ADDED.

H. CEMENT SHALL CONFORM WITH ASTM C150 TYPE 1. SLAG, ASTM C989 SHALL BE LIMITED TO 50% (BY WEIGHT OF CEMENTITIOUS MATERIAL AND FLY ASH, ASTM C618, CLASS F, SHALL BE LIMITED TO 25% (BY WEIGHT) OF

3. ALL CONCRETE WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE ACI BUILDING CODE (ACL 318 / LATEST EDITION). THE ACL DETAILING MANUAL (ACI 315/ 1994 EDITION), AND THE SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS (ACI 301/ LATEST EDITION). SUBMIT ALL REINFORCING STEEL SHOP DRAWINGS FOR APPROVAL PRIOR

TO ANY PABRICATION

CONCRETE COVER FOR REINFORCING STEEL SHALL BE AS REQUIRED BY ACI SPECIFICATIONS AND AS FOLLOWS: -AT CONCRETE CAST DIRECTLY AGAINST EARTH: 3" -AT ALL CONCRETE SLABS EXPOSED TO EXTERIOR ENVIRONMENT/WEATHER: 1.5" -AT ALL CONCRETE WALLS EXPOSED TO EXTERIOR ENVIRONMENT/WEATHER 2.0"

-AT ALL CONCRETE BEAMS/COLUMNS EXPOSED TO EXTERIOR ENVIRONMENT/WEATHER: 2.5" WELDED WIRE FABRIC SHALL COMPLY WITH ASTM A 185, UNLESS OTHERWISE SPECIFIED. PLACE FABRIC 2" CLEAR FROM TOP OF THE SLAB IN SLAB ON GRADE AND SUPPORT ON SLAB BOLSTERS SPACED AT 3'-0" O.C. 7. REQUIREMENTS:

A. ALL REINFORCING STEEL SHALL BE MANUFACTURED FROM HIGH STRENGTH BILLET STEEL CONFORMING TO ASTM DESIGNATION A 615

B. WWF SHALL COMPLY WITH ASTM A 185. REINFORCING STEEL SHALL BE EPOXY COATED CONFORMING TO ASTM A776 81. INCREASE SPLICE AND DEVELOPMENT LENGTHS OF EPOXY D. REINFORCING STEEL SHALL BE GALVANIZED CONFORMING TO ASTM A776.

E. ALL REINFORCING STEEL SHALL BE MANUFACTURED FROM HIGH MICRO-COMPOSITE (MMFX) STEEL REBAR, GRADE 100, CORROSION RESISTANT AND UNCOATED STEEL REINFORCEMENT FOR CONCRETE CONSTRUCTION. PROVIDE 10 MIL VAPOR BARRIER COMPLIANT WITH ASTM E1745 BELOW ALL

8. LAP ALL BARS WITH CLASS B TENSION LAP SPLICE UNLESS OTHERWISE NOTED ON DRAWINGS. LAP ALL WWF A MINIMUM OF 12 INCHES (UNLESS OTHERWISE

9. REINFORCING BARS: AT CORNERS OF CONCRETE WALLS, BEAMS AND CONTINUOUS WALL FOOTINGS, PROVIDE 1-#5 OR MATCHING HORIZONTAL BARS X 5'-0" BENT BAR FOR EACH HORIZONTAL BAR SCHEDULED AT EACH FACE.

WHERE COLUMNS ARE AN INTEGRAL PART OF CONCRETE WALLS, WALL REINFORCEMENT SHALL BE CONTINUOUS THRU THE COLUMNS.

C. ALL HOOKS SHOWN IN REINFORCEMENT SHALL BE ACI RECOMMENDED HOOKS UNLESS OTHERWISE NOTED.

FOR BALCONIES, SLABS AND WALKWAYS EXPOSED TO WEATHER ALL REINFORCING STEEL (TOP AND BOTTOM) AS WELL AS SPACERS AND OTHER DEVICES FOR SPACING, SUPPORTING AND FASTENING REINFORCING HALL BE GALVANIZED CONFORMING TO ASTM A767. BOLSTERS AND CHAIRS TO BE PLASTIC. CONCRETE PLACED IN THESE AREAS TO HAVE .40 W/C RATIO MAXIMUM AND CONTAIN 2.5 GALLONS OF CALCIUM NITRATE PER CUBIC YARD. REBAR COVER TO BE 1.5" MINIMUM.

CONTRACTOR SHALL INCLUDE IN HIS BASE BID THE COST OF 4 TONS OF ADDITIONAL REINFORCING STEEL. INCLUDING DETAILING, FABRICATION, BENDING, FURNISHING, AND PLACING, THIS EXTRA STOCK SHALL BE FURNISHED AND USED FOR SPECIAL CONDITIONS AS DIRECTED BY THE ARCHITECT THE ARCHITECT'S AGENT OR BY THE OWNER'S CONSTRUCTION SUPERVISOR. THE PRICE OF THE UNUSED EXTRA STOCK SHALL BE CREDITED TO THE OWNER'S

CONSTRUCTION JOINTS IN STRUCTURAL SLABS AND BEAMS SHALL BE AT MID-SPAN AND KEY JOINTED WITH REINFORCING CONTINUOUS ACROSS JOINT AND ADDITIONAL SHEAR FRICTION REINFORCING. CONSTRUCTION JOINT LOCATIONS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL PRIOR O CONSTRUCTION. CONSTRUCTION JOINTS IN POST—TENSION SLABS SHALL

BE LOCATED AND DESIGNED BY SPECIALTY ENGINEER. 11. ALL MECHANICAL COUPLERS SHALL DEVELOP 1.25 FY OF REBAR IN

TENSION OR COMPORESSION AND COMPLY WITH ACI 318.

12. CONCRETE LINTELS: A. DROP BOTTOM OF BEAM OR SLAB AT WINDOWS, DOORS AND MASONRY OPENINGS AS REQUIRED TO PROVIDE A CONCRETE CLOSURE BETWEEN HE BOTTOM OF THE BEAM AND WINDOW AND/OR DOOR HEADER OR PROVIDE A PRECAST CONCRETE LINTEL BY CASTCRETE IF NOT NEXT TO A POURED

MAXIMUM DROP SHALL BE 16" (TWO BLOCK COURSES) AND SPAN EQUAL TO MASONRY OPENING WIDTH. PROVIDE 2 #5 AT BOTTOM OF DROP INCLUDING #3 TIES @ 24" O.C. EXTENDING TO TOP OF BEAM REINFORCING. IF THE LINTEL EXCEEDS THE ABOVE LIMIT OF DROP, A SEPARATED LINTEL SHALL BE PROVIDED AS FOLLOWS:

L1. OPENING LESS THAN 6'0" WIDE 8" X 8" W/2 #5 BOTTOM BARS. L2. OPENING BETWEEN 6'0" AND 12'0" WIDE 8" X 12" W/2 #6 BOTTOM

C. LINTELS TO HAVE 8" MINIMUM BEARING AT EACH END. D. IF THE MASONRY OPENING HAS AN END ADJACENT TO A CONCRETE COLUMN PROVIDE (2) #5 OR #6 DOWELS, AS THE CASE MAY BE, IN THE CONCRETE COLUMN WITH SHEAR KEY 1-1/2 INCH DEEP BY LINTEL'S DEPTH AND WIDTH FOR ITS SUBSEQUENT CONSTRUCTION.

MASONRY UNITS SHALL BE LOAD BEARING ASTM C90

MASONRY

TYPE II NON-MOISTURE CONTROLLED

THE COMPRESSIVE STRENGTH OF MASONRY (F'M) SHALL BE 1,500 PSI AS CALCULATED IN ACCORDANCE WITH ASTM C1314.

ALL MORTAR SHALL BE IN ACCORDANCE WITH ASTM SPECIFICATION C270. A. FROM FIELD OBTAINED TEST CUBES. (MIN. OF TWO) GROUT SHALL BE A HIGH SLUMP MIX

A. IN ACCORDANCE WITH ASTM SPECIFICATION C476 B. HAVING A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI C. FROM FIELD OBTAINED TEST CUBES. (MIN. OF TWO) ALL CONCRETE MASONRY BEARING AND SHEAR WALLS SHALL BE

B. INSPECTED BY A CERTIFIED INSPECTION COMPANY AND CONSTRUCTED IN ACCORDANCE WITH THE "BUILDING CODE REQUIREMENT FOR MASONRY STRUCTURES" (ACI 530/ASCE 5/TSM 402) AND "SPECIFICATIONS FOR MASONRY STRUCTURES" (ACI 530.1/ASCE 6/TSM 602)/ LATEST EDITIONS.

PROVIDE 8" X 8" MASONRY BEAM WITH 2 #5 CONT. AT EVERY WINDOW SILL. EXTEND BEAM 8" BEYOND EDGE OF OPENING. PROVIDE HOT DIPPED GALVANIZED LADDER TYPE HORIZONTAL JOINT REINFORCEMENT (9 GA.) AT 16" ON CENTER VERTICAL IN ALL MASONRY WALLS. PROVIDE DOVE TAIL SLOT ANCHORS AT CONCRETE COLUMNS. CONNECT MULTI-WYTHE WALLS AS FOLLOWS:

PROVIDE DOUBLE SIDED ROD-ADDUR TYPE HORIZONTAL JOINT REINFORCEMENT AT 16" O.C. PROVIDE 1 1/2" WIDE 16 GAGE CORRUGATED MASONRY ANCHOR WITH 1/4" DIAMETER TAPCO, WITH 1/2" EMBED, AT 24" O.C. HORIZONTAL AND 16" O.C. VERTICAL

FOR JOINT REINFORCEMENT, WALL TIES, ANCHORS AND INSERTS, APPLY A MINIMUM COAT OF 1.5 OUNCES PER SQUARE FOOT (PSF) (458/G/M2) COMPLY WITH THE REQUIREMENTS OF ASTM A153, CLASS B. PROVIDE CONTROL JOINTS IN MASONRY WALLS AT A SPACING OF 30' + O.C.

AND ALIGN WITH ARCHITECTURAL CONTROL JOINTS. EPOXY GROUT SHALL BE NON-SHRINK HIGH CREEP RESISTANT, AND SHALL HAVE THE FOLLOWING MINIMUM ALLOWABLE PROPERTIES: TENSILE STRENGTH, ASTM C 30: 1,500 PSI FLEXURAL STRENGTH, ASTM C 580: 4,000 PSI COMPRESSIVE STRENGTH, ASTM C 579: 1,600 PSI/7 DAYS.

A. LAP SPLICES SHALL OCCUR DIRECTLY ABOVE FOOTINGS AND SLABS. NO SPLICES ARE ALLOWED AT MID-HEIGHT OF WALL. LAP SPLICES THAT OCCUR AT CANTILEVERED WALLS SUCH AS:

BAR SIZE

PARAPETS. RETAIING WALLS, ETC. SHALL HAVE LAP SPLICE LENGTHS

INCREASED BY 50% TO 72 BAR DIAMETERS.

10. MINIMUM LAP SPLICES FOR REINFORCED CMU AS FOLLOWS:

A. A PRECAST CONCRETE LINTEL BY CASTCRETE SHALL BE PROVIDED OVER ALL MASONRY WALL OPENINGS. THE LINTEL SHALL BE FULLY GROUTED. B. LINTELS TO HAVE 4" MINIMUM BEARING AT EACH END. SHORE PRECAST LINTEL PER MANUFACTUER'S INSTRUCTIONS

ALL STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST AISC CODE. STRUCTURAL STEEL SHALL CONFORM TO A. ASTM SPECIFICATION A 992 GRADE 50 FOR ALL WIDE FLANGE BEAMS.

B. ASTM SPECIFICATION A 36 FOR MISCELLANEOUS STEEL SHAPES (ANGLES, PLATES, ETC.).

SQUARE OR RECTANGULAR HSS SHALL CONFORM TO ASTM SPECIFICATION A 500 GRADE B (FY=46 KSI). D. ALL STEEL TO HAVE A SHOP COAT OF RUST INHIBITIVE PAINT.

E. DELETE PAINT ON ALL STEEL TO RECEIVE SPRAYED ON FIREPROOFING OR CONCRETE ENCASEMENT. ALL MILL CAMBER TO BE ORIENTED UPWARD DURING FABRICATION AND

2. ALL SHOP AND FIELD WELDING SHALL BE PERFORMED BY WELDERS QUALIFIED, AS DESCRIBED IN "AMERICAN WELDING SOCIETY'S STANDARD QUALIFICATION PROCEDURE" (AWS D1.1), TO PERFORM THE TYPE OF WORK REQUIRED. ALL CONNECTIONS SHALL BE BOLTED WITH 3/4" DIAMETER, A-325 HIGH STRENGTH BOLTS OR WELDED (UNLESS SHOWN OTHERWISE ON THE

A. FULL DEPTH DOUBLE CLIP ANGLE CONNECTIONS ARE TO BE USED ON ALL GIRDER AND BEAM CONNECTIONS TO COLUMNS. BOLTS TO BE AT

ALL CONNECTIONS TO HOLLOW STRUCTURAL SECTION (HSS) COLUMNS ARE TO BE THRU-PLATE UNLESS NOTED OTHERWISE. ALL CONNECTIONS SHALL BE DOUBLE ANGLES UNLESS NOTED OTHERWISE. ALL ALUMINUM AND STEEL MEMBERS TO BE TREATED OR PROPERLY SEPARATED TO PREVENT GALVANIC AND CORROSIVE EFFECTS.

5. ALL STEEL WELDING RODS SHALL BE E70XX ELECTRODES. 6. SUBMIT ALL STEEL SHOP DRAWINGS FOR APPROVAL PRIOR TO ANY 7. STAINLESS STEEL SHALL CONFORM TO THE LATEST AISC CODE. STAINLESS

STEEL ROD MATERIAL SHALL MEET THE REQUIREMENTS OF ASTM F593 (AISI 304). STAINLESS STEEL WASHERS SHALL MEET ANSI B18.22.1/LATEST EDITION, TYPE A PLAIN, REQUIREMENTS. STAINLESS STEEL NUTS SHALL MEET ASTM F594 REQUIREMENTS. 8. EQUIPMENT SUPPORTS:

PROVIDE ALL SUPPORTING STEEL NOT INDICATED ON PLAN AS REQUIRED FOR THE INSTALLATION OF MECHANICAL EQUIPMENT AND MATERIALS, INCLUDING ANGLES, CHANNELS, BEAMS, HANGERS, ETC. DO NOT SUPPORT EQUIPMENT OR PIPING FROM METAL DECKING.

CONTRACTOR SHALL INCLUDE IN HIS BASE BID THE COST OF 2 TONS OF ADDITIONAL STRUCTURAL STEEL (MEMBERS OVER 10 LBS. PER FOOT) AND 2 TONS OF MISCELLANEOUS STEEL (MEMBERS 10 LBS. PER FOOT OR LESS)INCLUDING PREFABRICATED METAL ROOF TRUSSES FURNISHING, DETAILING, FABRICATION CLEANING, PAINTING, DELIVERY AND ERECTION. THIS EXTRA STOCK SHALL BI FURNISHED AND USED FOR SPECIAL CONDITIONS AS DIRECTED BY THE ARCHITECT THE ARCHITECT'S AGENT OR BY THE OWNER'S CONSTRUCTION SUPERVISOR. THE PRICE OF THE UNUSED EXTRA STOCK SHALL BE CREDITED TO THE OWNER'S ACCOUNT

ALL STRUCTURAL WOOD MEMBERS ARE DESIGNED AS "DRY-USE". MOISTURE CONTENT MUST BE 19% OR LESS. STORE WOOD FRAMING ABOVE GROUND AND UNDER TARPS WITH PROPER AIR CIRCULATION.

2. ALL LUMBER SHALL BE SOUTHERN PINE SPECIES #2 GRADE OR APPROVED EQUAL. ALLOWABLE DESIGN STRESSES SHALL FOLLOW NATIONAL

HEADERS AT NON BEARING CONDITIONS SHALL BE AS FOLLOWS: UP TO 4' --0" (2) 2" X 6" 4'- 0" TO 6'- 0" (2) 2" X 8"

DESIGN SPECIFICATION (NDS) (LATEST EDITION).

PROVIDE SP ACQ PRESSURE TREATED LUMBER IN ACCORDANCE WITH AWPA STANDARDS TO A MINIMUM 0.40 PCF RETENTION WHERE LUMBER IS IN CONTACT WITH CONCRETE/MASONRY OR OUTSIDE OF BUILDING. ALL METAL CONNECTORS N CONTACT WITH PRESSURE TREADED LUMBER SHALL BE GALVANIZED WITH A RATING OF G-185 AND CONFORM TO ASTM A653. ALL NAILS AND SCREWS USED WITH PRESSURE TREATED LUMBER ARE TO BE HOT-DIPPED GALVANIZED AND TO CONFORM TO ASTM A153 CLASS D. ELECTROGALVANIZED FASTENERS SHALL HAVE A CLASS RATING PER ASTM B695 NO LESS THAN 55. ALUMINUM NOT TO BE USED IN DIRECT CONTACT WITH ACQ TREATED LUMBER. PLYWOOD SHEATHING:

FLOOR: USE 3/4" T&G APA 24oc STURD-I-FLOOR, EXP. 1, PLYWOOD SUB-FLOOR SHEATHING.

B. WALL: Use 15/32" APA 32/16 RATED, STRUCTURAL 1, WOOD CONNECTIONS - ALL NAILS USED FOR STRUCTURAL FRAMING MEMBERS SHALL BE COMMON WIRE, U.N.O. ALL NAILS, TRUSS HANGERS, TRUSS ANCHORS AND STRAPS SHALL BE GALVANIZED FOR CORROSIVE RESISTANCE. ALL METAL STRAPS MUST BE

INSTALLED WITH EQUAL LENGTHS ABOUT THE JOINT LINE. USE SIMPSON STRONG—TIE

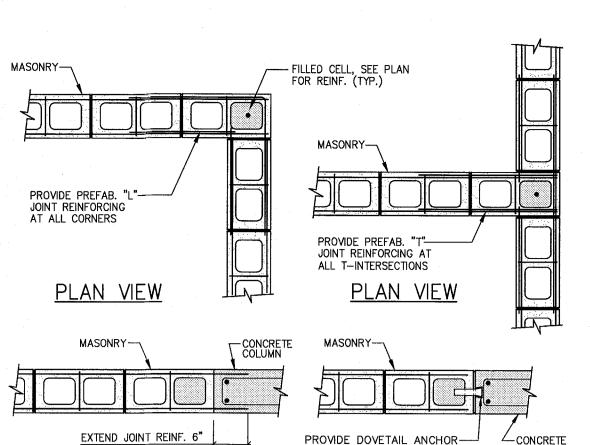
CONNECTOR PRODUCTS OR APPROVED EQUAL. TOE NAILING WILL NOT BE PERMITTED

SHOP DRAWINGS 1. THE SHOP DRAWINGS SHALL BE SUBMITTED IN COMPLETE PACKAGES FOR THE

A. CONCRETE MIX DESIGNS B. CONCRETE REINFORCING STEEL AND WELDED WIRE FABRIC

C. STRUCTURAL STEEL D. HELICAL PILE SYSTEM

2. PRE-ENGINEERED ITEMS SHALL BE SUBMITTED SIGNED AND SEALED BY A SPECIALTY ENGINEER REGISTERED IN THE STATE OF FLORIDA.



INTO CONCRETE COLUMN

TYPICAL MASONRY

PLAN VIEW

(MASONRY LAID BEFORE COLUMN)

SYSTEM @ 16"o.c. TO MATCH

PLAN VIEW

(MASONRY LAID AFTER COLUMN)

CLASS "B"

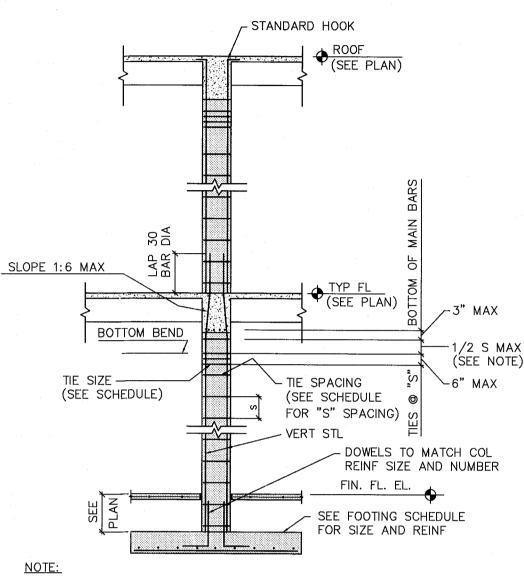
SPLICE

(3000 PSI)

#4 38" #7 82"

WHICHEVER IS GREATER.

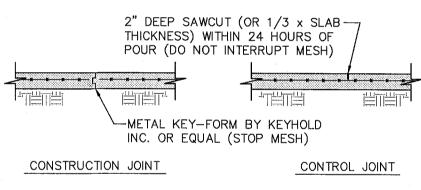
HORIZ, JOINT REINF.



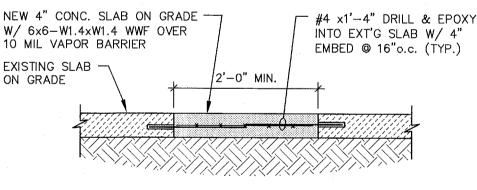
ADD EXTRA TIES IF THE DISTANCE BETWEEN BOTTOM LAYER OF SLAB REINFORCEMENT AND LOWER POINT OF OFFSET BENT IS MORE THAN 1/2 S (HALF SCHED. TIES SPACING).

2. WHERE COLUMN IS SPLICED BETWEEN FLOORS, PROVIDE CLASS B TENSION LAP SPLICE.

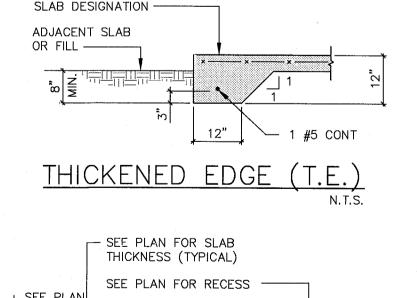
TYPICAL CONCRETE COLUMN DETAIL

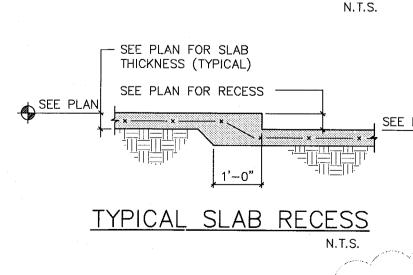


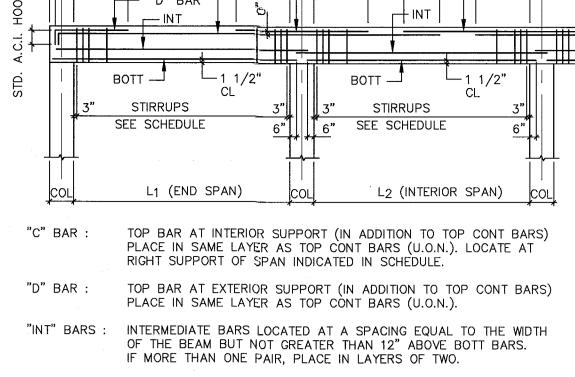
NOTE: CONTROL JOINTS/CONSTRUCTION JOINTS SHALL CREATE PANELS OF 150 SQ. FEET (MAXIMUM)



REPLACE CONTROL JOINTS PER ORIGINAL LOCATION, 2" DEEP SLAB ON GRADE REPAIR DETAIL







0.25 L1\*

or Lo\*

0.25 L1\*

or L2\*

SPLICE AT

MIDSPAN

0.25 L2\* "C" BAR-

or L3\*

INTERIOR BEAM SPANDREL BEAM WHEN ADJACENT BEAMS OR TIE BEAMS HAVE TOP CONT BARS OF DIFFERENT SIZE, THE TRANSITION SHOULD BE MADE AT MIDSPAN OF THE BEAM WITH SMALLER SCHEDULED BARS. USE LAP SPLICE LENGTH OF SMALLER SIZE BAR. ( 2L ) - INDICATES BARS PLACE IN TWO LAYERS. WHERE BARS ARE PLACED IN TWO LAYERS, THE SECOND LAYER BARS MUST BE PLACED DIRECTLY UNDER BARS IN THE FIRST LAYER (IF TOP BAR) OR DIRECTLY OVER BAR IN THE FIRST LAYER (IF BOTT BAR). PROVIDE 1" CLEAR DISTANCE BETWEEN LAYERS OR ONE BAR DIAMETER, WHICHEVER IS THE GREATER DISTANCE.

DIAGRAM A

SCHEDULED BEAM SIZES : [ SEE DIAGRAM A ] "B" INDICATES BEAM WIDTH DIMENSION. WHEN BEAM IS OVER A BLOCK WALL, USE ACTUAL BLOCK WIDTH ( 7.5/8" or 11.5/8") "H" INDICATES BEAM DEPTH DIMENSION. LESS 1 1/2" FOR RECESS FOR BLOCK WALL DEDUCTED WHERE APPLICABLE, OR MINIMUM DEPTH IN A VARIABLE DEPTH BEAM. COORDINATE BEAM CONFIGURATION WITH ARCHITECTURAL DRAWINGS.

TYPICAL BEAM BAR PLACEMENT DIAGRAM

|                                            |                   | ULTI  | MATE  |          |           |
|--------------------------------------------|-------------------|-------|-------|----------|-----------|
| COMPONENT & CLADDING WIND DESIGN PRESSURES |                   |       |       |          |           |
| PRESSURES<br>BASED ON Vut                  | ROOF WIND LOADS   |       |       |          | ID LOADS  |
|                                            | ROOF AREA (10 SF) |       |       | WALL ARE | A (25 SF) |
| Kd IS INCLUDED                             | 1                 | 2     | 3     | 4        | 5         |
| PRESSURE (PSF)                             | 40.0              | 90,0  | 90.0  | 90.0     | 90.0      |
| SUCTION (PSF)                              | 98.4              | 165.0 | 165.0 | 97.5     | 120.0     |

DESIGNED FOR IMPACT RESISTANCE OR BEING PROTECTED BY IMPACT PROTECTIVE SYSTEMS. 2. WIND DESIGN PRESSURES NOTED MAY BE MULTIPLIED BY (.6) FOR COMPARISON TO ALLOWABLE (NOMINAL) WIND PRESSURES OF TESTED ASSEMBLIES. PER SECTION 1609.1.5 OF 2010 FBC.

3. REFER TO STRUCTURAL NOTES FOR ALL WIND LOAD PARAMETERS.

59.0

SUCTION (PSF)

FOOTING BARS

--- INDICATES STEP FOOTING ON PLAN. (SEE PLAN AND FOOTING SCHEDULE FOR SIZE AND REINFORCING).

4. CORNER DISTANCE, A = 11.3 FEET (HADDON); 9.0 FEET (CAMPTON APTS); 3.0 FEET (POOL SUITES BLDG) ALLOWABLE COMPONENT & CLADDING WIND DESIGN PRESSURE WALL WIND LOADS ROOF WIND LOADS BASED ON VASD (SEE NOTE 1) ROOF AREA (10 SF) WALL AREA (25 SF) 4 Kd IS INCLUDED PRESSURE (PSF 24.0 54.0 54.0 54.0 54.0

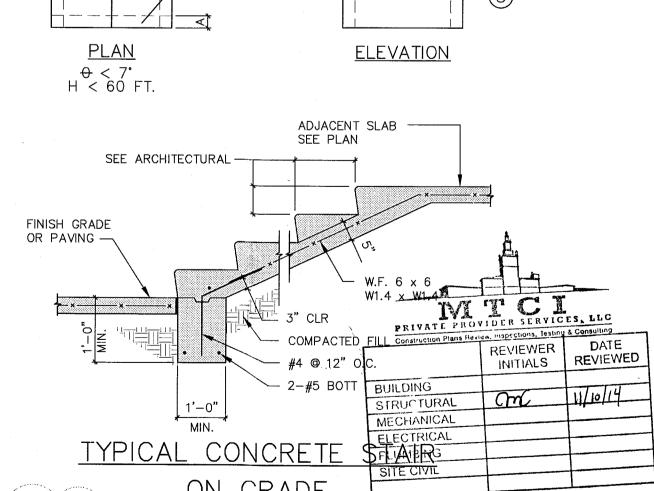
1. EXTERIOR GLAZED OPENINGS IN BUILDINGS SHALL COMPLY WITH 2010 FLORIDA BUILDING CODE BY EITHER BEING DESIGNED FOR IMPACT RESISTANCE OR BEING PROTECTED BY IMPACT PROTECTIVE SYSTEMS. 2. REFER TO STRUCTURAL NOTES FOR ALL WIND LOAD PARAMETERS. 3. CORNER DISTANCE, A = 11.3 FEET (HADDON); 9.0 FEET (CAMPTON APTS); 3.0 FEET (POOL SUITES BLDG)

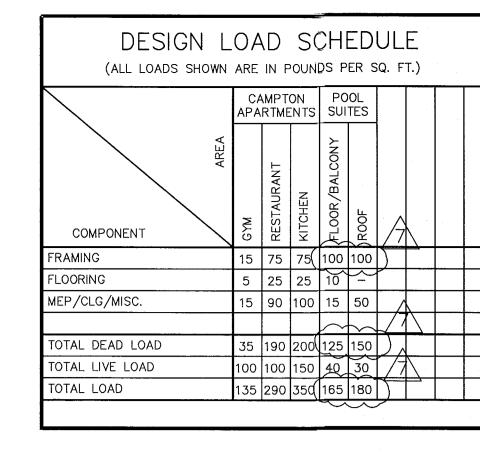
99.0

58.5

72.0

99.0





| BEAM SCHEDULE |          |        |         |       |          |                  |
|---------------|----------|--------|---------|-------|----------|------------------|
| MADIZ         | SIZE BxH | RE     | INFORCI | NG    | (        | STIRRUPS         |
| MARK          | (inches) | вотт   | TOP     | INT   | TIES     | SPACING          |
| B-1           | 24"x24"  | 12#7** | 12#7**  | 6#5** | #4+      | <b>©</b> 9" O.C. |
| B-2           | 16"×20"  | 6#6*   | 6#6*    | _     | #4+      | @ 8" O.C.        |
| B−3           | 10"x14"  | 2#7*   | 2#7*    | 2#5*  | #4+      | @ 3" O.C.        |
| TB1           | 8"x24"   | 4#7**  | 4#7**   |       | #3       | ***              |
| TB-2          | 8"x16"   | 2#6*   | 2#6*    | _     | #3       | ***              |
| BB-1          | 8"x8"    |        | ~       | 2#5*  | )[       |                  |
| BB-2          | 8"x16"   | 2#5*   | 2#5*    |       | <u>.</u> |                  |

1. TIE-BEAMS INTENDED TO BE CAST ATOP MASONRY WALLS - EXTEND AND HOOK WALL REINFORCING INTO TIE-BEAM. LEGEND:

\*\*\* @ 3" O.C. AT CANTILEVER, & ABOVE OPENINGS; 24" O.C. AT BALANCE

\*\*\*\* @ 3" O.C. ABOVE OPENINGS; 24" O.C. AT BALANCE

| CC   | NCRETE           | COLUMN          | SCH    | EDULE             |
|------|------------------|-----------------|--------|-------------------|
| MARK | SIZE<br>(inches) | VERT.<br>REINF. | TIES   | SPACING           |
| C-1  | 9"x12"           | 6#6             | #3 (B) | @ 3" O.C.         |
| C-2  | 16"x16"          | 8#6             | #3 (B) | @ 10" O.C.        |
| C-3  | 8"x10"(8000 PSI) | 4#6             | #3 (B) | © 3" O.C.         |
| C-4  | 16"x24"          | 12#6            | #4 (A) | @ 8" O.C.         |
| C-5  | 24"×24"          | 12#7            | #4 (A) | <b>◎</b> 10" O.C. |
| C-6  | 8"x14"           | 4#6             | #3 (B) | @ 3" O.C.         |
| C-7  | 8"x25"x18"       | 12#6            | #3 (č) | @ 8" O.C.         |
| C-8  | 8"x18.25"x32"    | 14#6            | #3 (D) | @ 8" O.C.         |

| (             | 1. TIE TYPES:   |                 |                 |          |   |
|---------------|-----------------|-----------------|-----------------|----------|---|
| >             |                 | A: 4#3 HAIRPINS | C: 1#3 HAIRPIN  |          | ) |
|               |                 | B: NO HAIRPINS  | D: 2#3 HAIRPINS |          |   |
| ( ,           | TYPE "A"        | TYPE "B"        | TYPE "C"        | TYPE "D" | 2 |
| 7\}           | <del>[]]]</del> |                 | FT 13           |          |   |
| $\rightarrow$ | <b>†</b>        |                 | U               |          | ) |
| >             | (5) SETS        | (1) SET         | (3) SETS        | (4) SETS | ) |
|               | OF TIES         | OF TIES         | OF TIES         | OF TIES  | / |
|               |                 |                 |                 |          |   |
|               |                 |                 |                 |          |   |

1ARK SIZE BASE REM SC-1 | HSS8"x4"x1/2" SEE PLAN DIAM H.  $SC-2 \mid HSS2.5x2.5x1/4 \mid$ N/A12"x12"x1"

STEEL COLUMN SCHEDULE

\* (4) 3/4" DIAM A307 ANCHOR BOLTS X 15" LG W/ 3" HOOK AT END

| ٠, |        |                       |                                             |
|----|--------|-----------------------|---------------------------------------------|
|    |        | FOOTING S             | SCHEDULE                                    |
|    | MARK   | SIZE                  | REINFORCING                                 |
|    | F20.12 | 2'-0" X 12" X CONT.   | 3#5 CONT BOTT; #5 @ 48" O.C.<br>BOTT TRANSV |
|    | F30.24 | 3'-0" X 24" X CONT.   | 4#5 CONT T&B #5 @ 24" O.C.<br>T&B TRANSV    |
|    | F40.24 | 4'-0" X 24" X CONT.   | 5#5 CONT T&B #5 @ 12" O.C.<br>T&B TRANSV    |
|    | F14550 | 14'-6" X 5'-0"" X 24" | #6 @ 10" O.C. E.W. T&B                      |

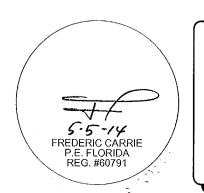
| ١    | MASONRY WALL          | SCHEDULE               |
|------|-----------------------|------------------------|
| MARK | THICKNESS             | REINFORCING            |
| MW-1 | 8" CMU F'M = 1500 PSI | #5 @ 48" O.C. VERT MID |
| MW-2 | 8" CMU F'M = 1500 PSI | #5 @ 24" O.C. VERT MID |
| MW-3 | 8" CMU F'M = 1500 PSI | #6 @ 8" O.C. VERT MID  |
| MW-4 | 8" CMU F'M = 1500 PSI | #6 @ 16" O.C. VERT MID |
| MW-5 | 8" CMU F'M = 1500 PSI | #5 @ 32" O.C. VERT MID |

MASONRY WALL NOTES: 1. WALL SEGMENTS SHALL BE REINFORCED WITH 9 GA. GALVANIZED LATERAL REINFORCING @ 16" O.C. HORIZ. EXTEND REINFORCING 6" INTO POURED ELEMENTS AND AROUND ENCASED STEEL. 2. ADJACENT TO ANY EXTERIOR/INTERIOR WALL OPENING, PLACE (1) MATCHING VERTICAL IN CELL GROUTED SOLID, FULL HEIGHT. ALL MASONRY REINFORCED CELLS SHALL BE FILLED WITH

3000 PSI GROUT MIX. 4. AT END, CORNERS, AND INTERSECTION OF WALLS PLACE (1) MATCHING VERTICAL IN CELL GROUTED SOLID, FULL HEIGHT. CMU MARK ON PLAN GOES FROM BOTTOM OF TOP OF FOUNDATION TO ROOF U.N.O.

1/24/14

THESE ARE PROGRESS DRAWINGS, THEREFORE THEY ARE ISSUED PRIOR TO COMPLETION OF THE STRUCTURAL DESIGN, AND OTHER DESIGN DISCIPLINES. INCLUDING BUT NOT LIMITED TO ARCHITECTURAL OR MECHANICAL DESIGNS; AND AS SUCH, ARE INCOMPLETE BY NATURE FOR THE COMPREHENSIVE SCOPE OF THE PROJECT, ALLOWANCES FOR STRUCTURAL ELEMENTS REQUIRED DUE TO THE COMPLETION AND CROSS-COORDINATION OF ALL OTHER DISCIPLINES SHOULD BE MADE

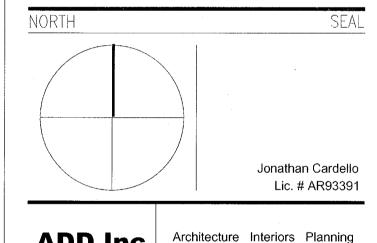




HADDON HALL 1500 COLLINS AVE MIAMI BEACH, FL

REVISIONS ISSUE DATE NO. DESCRIPTION PROGRESS TO 2/7/14 100% CD PERMIT REVIEW 3/14/14 COMMENTS 4/4/14 POOL SUITES WALLS

**PERMIT SET** 



Suite 1670 Two South Biscayne Boulevard Miami, Fl 33131 T. 305.482.8700 F. 305.482.8770 Boston Miami www.addinc.com Lic. # AA26001507

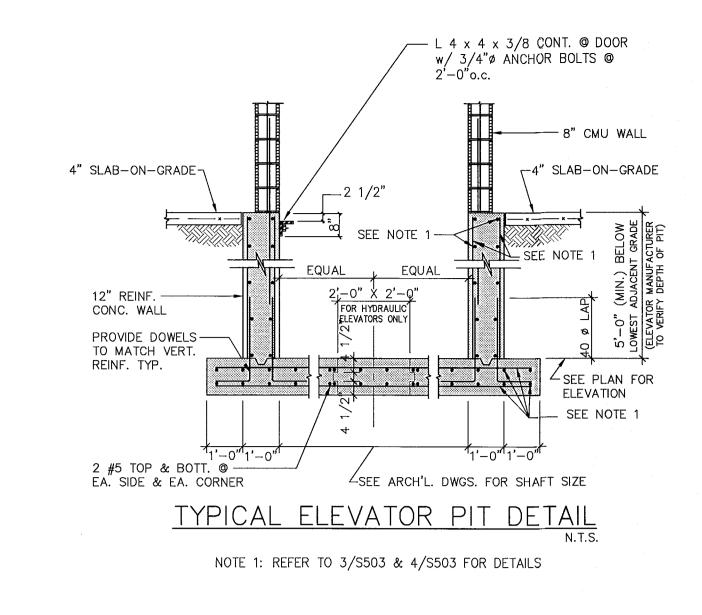
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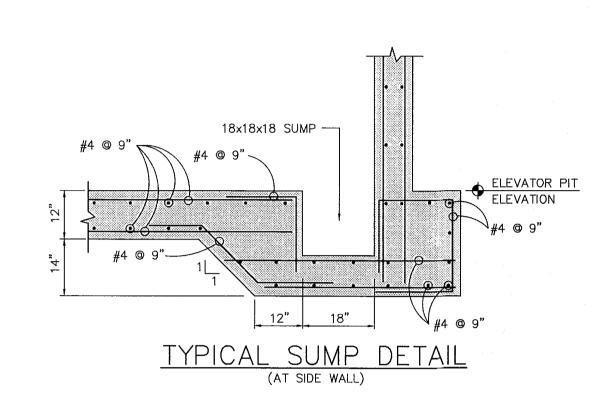
**TYPICAL NOTES** SCHEDULES AND DETAILS

SHEET NUMBER

SHEEL IIILE

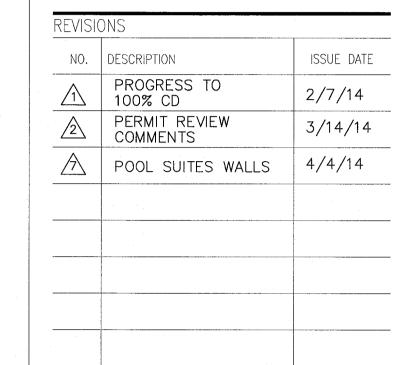
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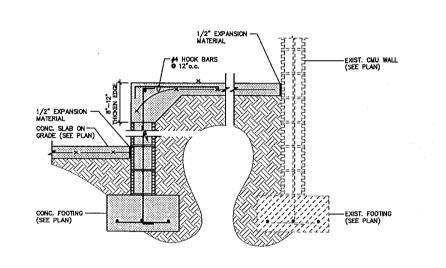


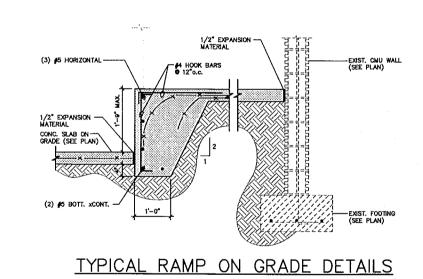
HADDON HALL

1500 COLLINS AVE

MIAMI BEACH, FL

KEYPLAN

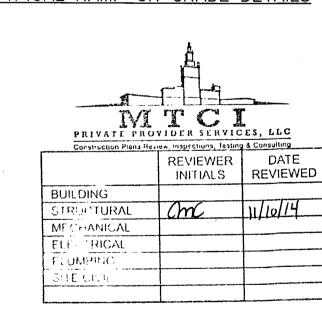




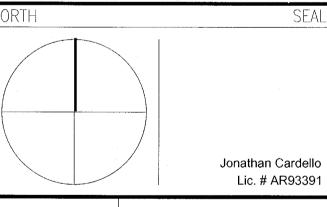
RAMP SLAB ON GRADE SEE ARCH'L DWG'S FOR SLOPE

MF12.12 REF. TO
SCHED. FOR REINF.

TYPICAL RAMP SLAB ON GRADE
N.T.S.





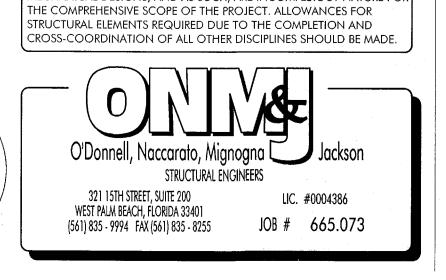


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|-------------|---------|-----|-------|
| CHECKED BY: |         |     |       |
| ISSUE DATE: | JANUARY | 24, | 2014  |
| SCALE:      |         |     |       |

Boston Miami

TYPICAL NOTES SCHEDULES AND DETAILS

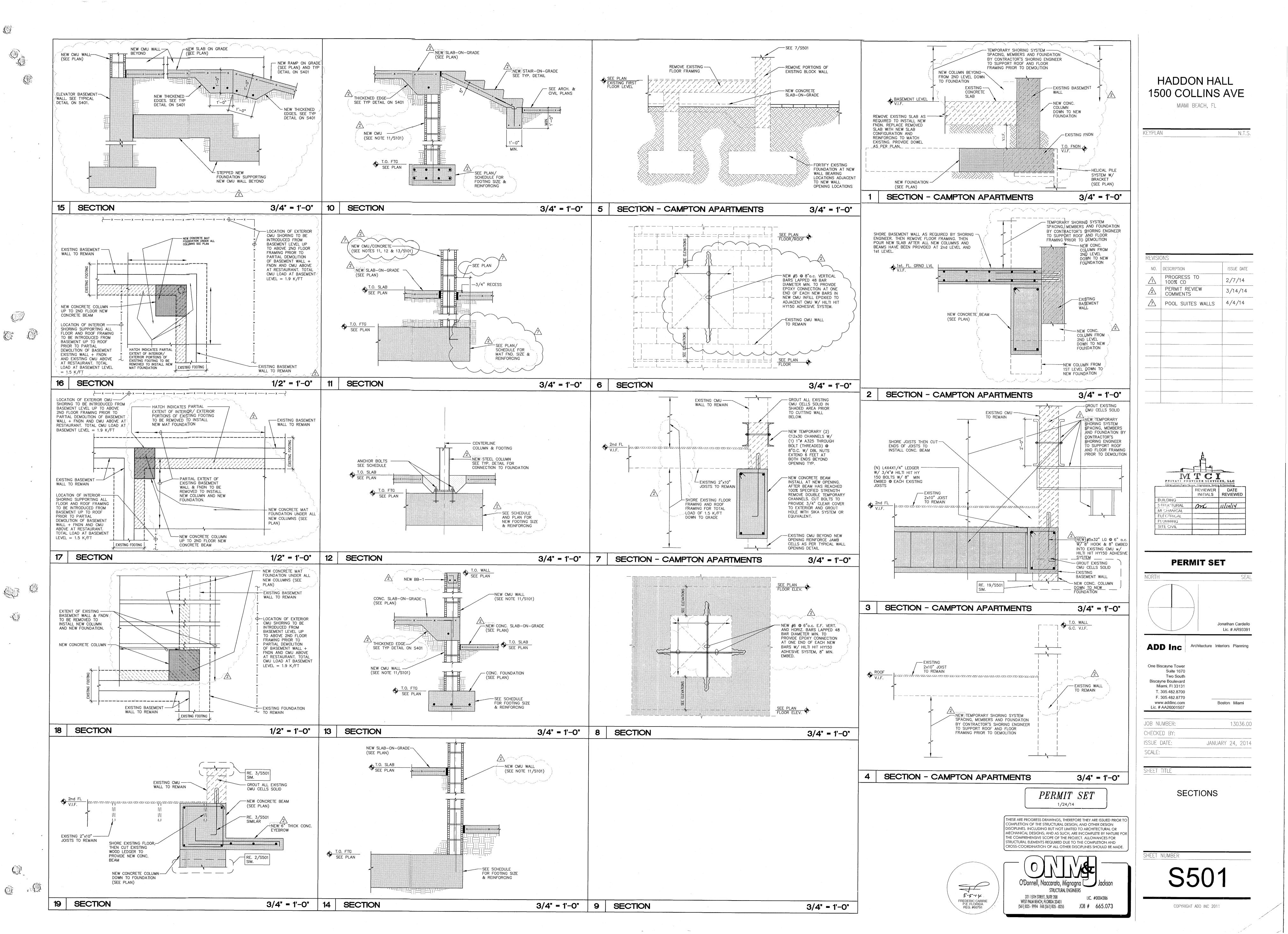


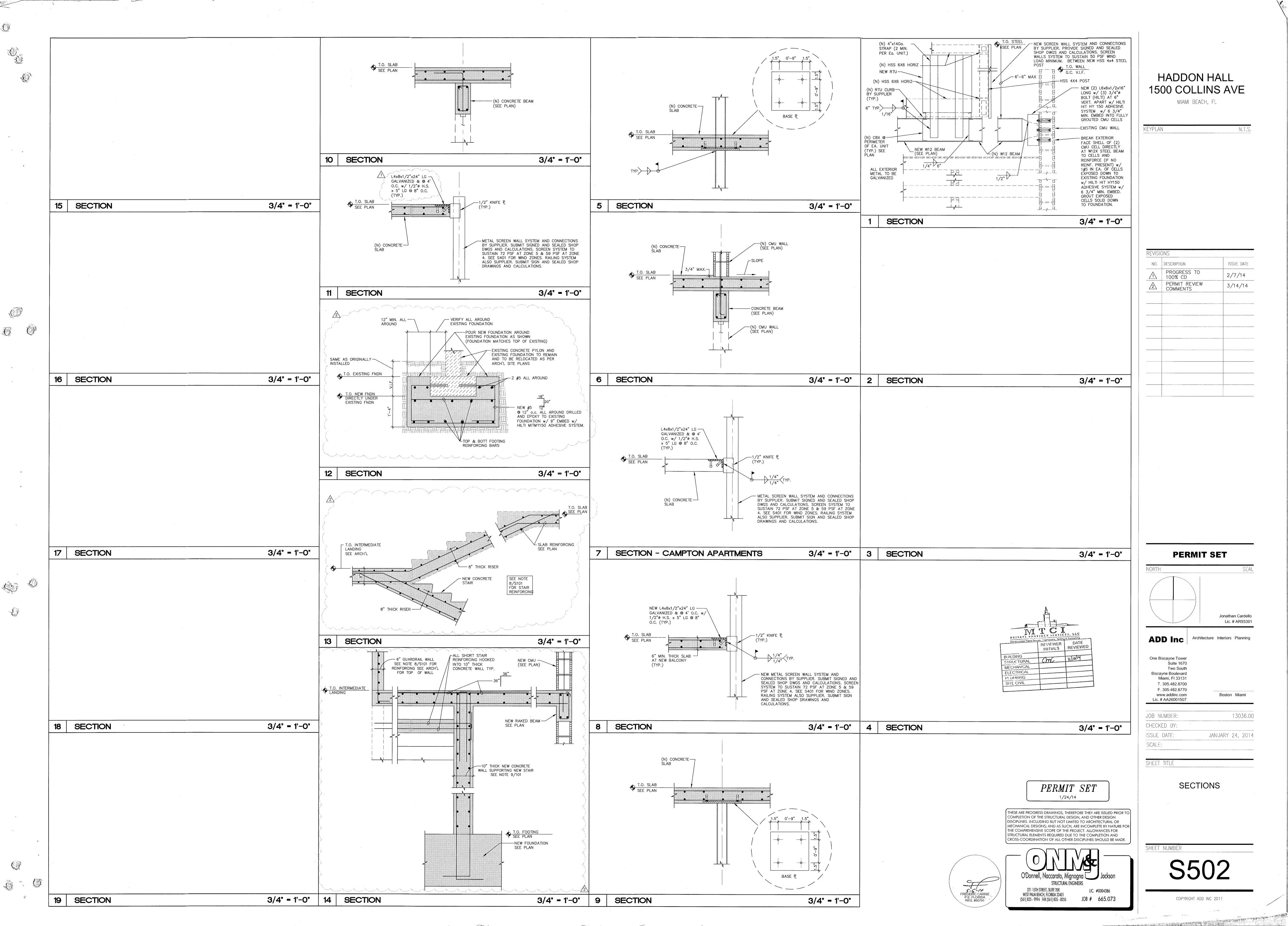
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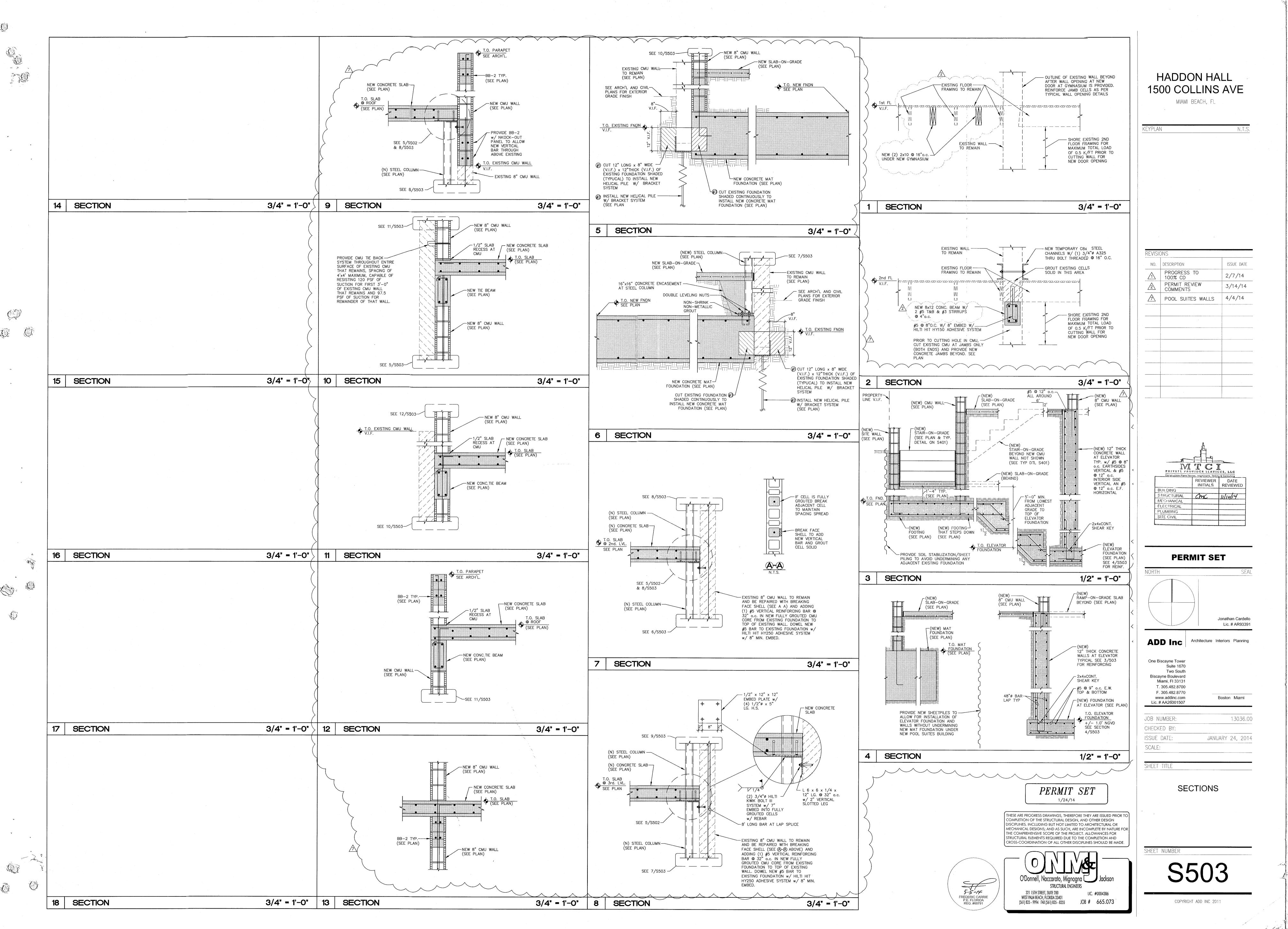
1/24/14

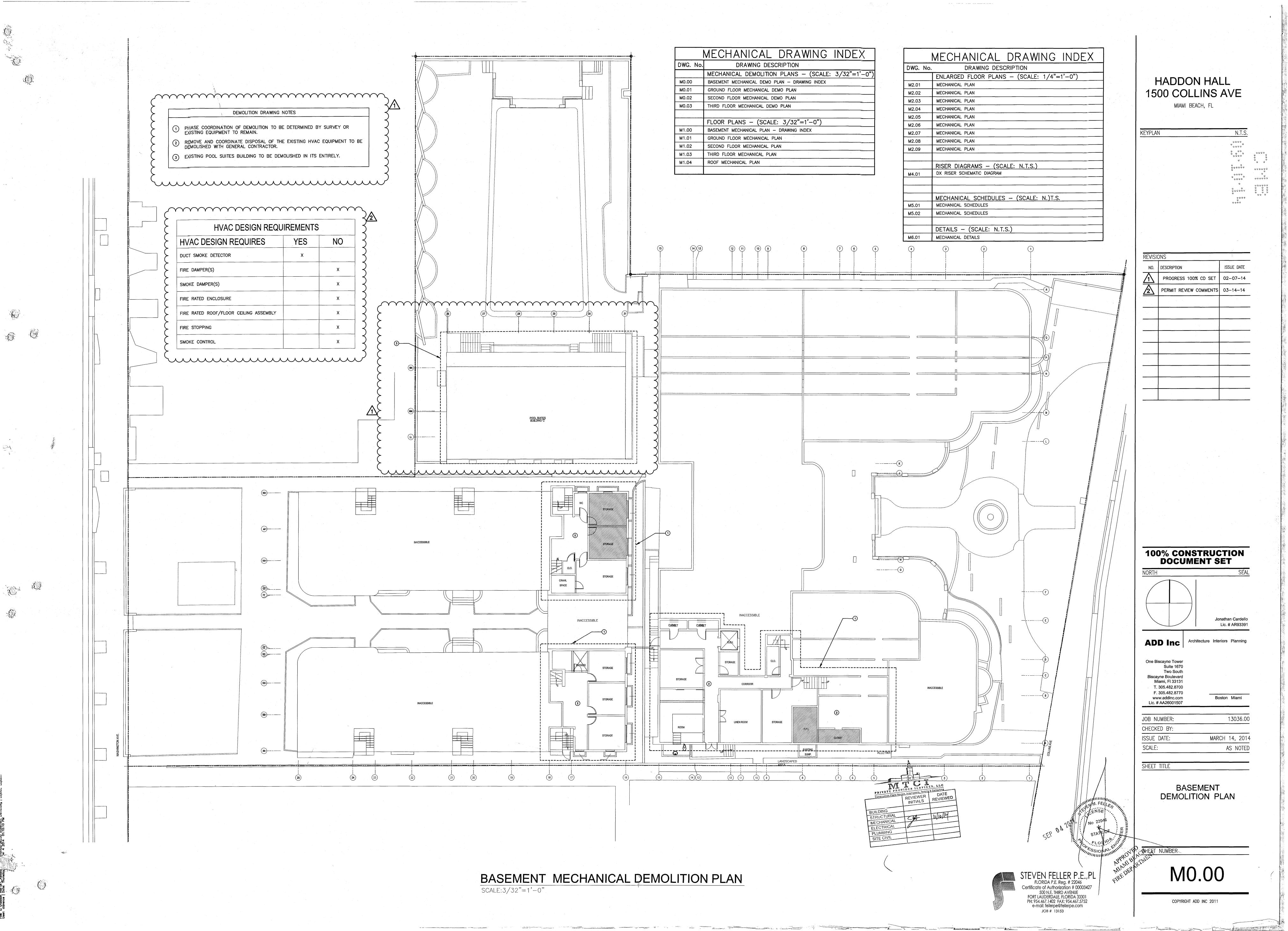
THESE ARE PROGRESS DRAWINGS, THEREFORE THEY ARE ISSUED PRIOR TO COMPLETION OF THE STRUCTURAL DESIGN, AND OTHER DESIGN

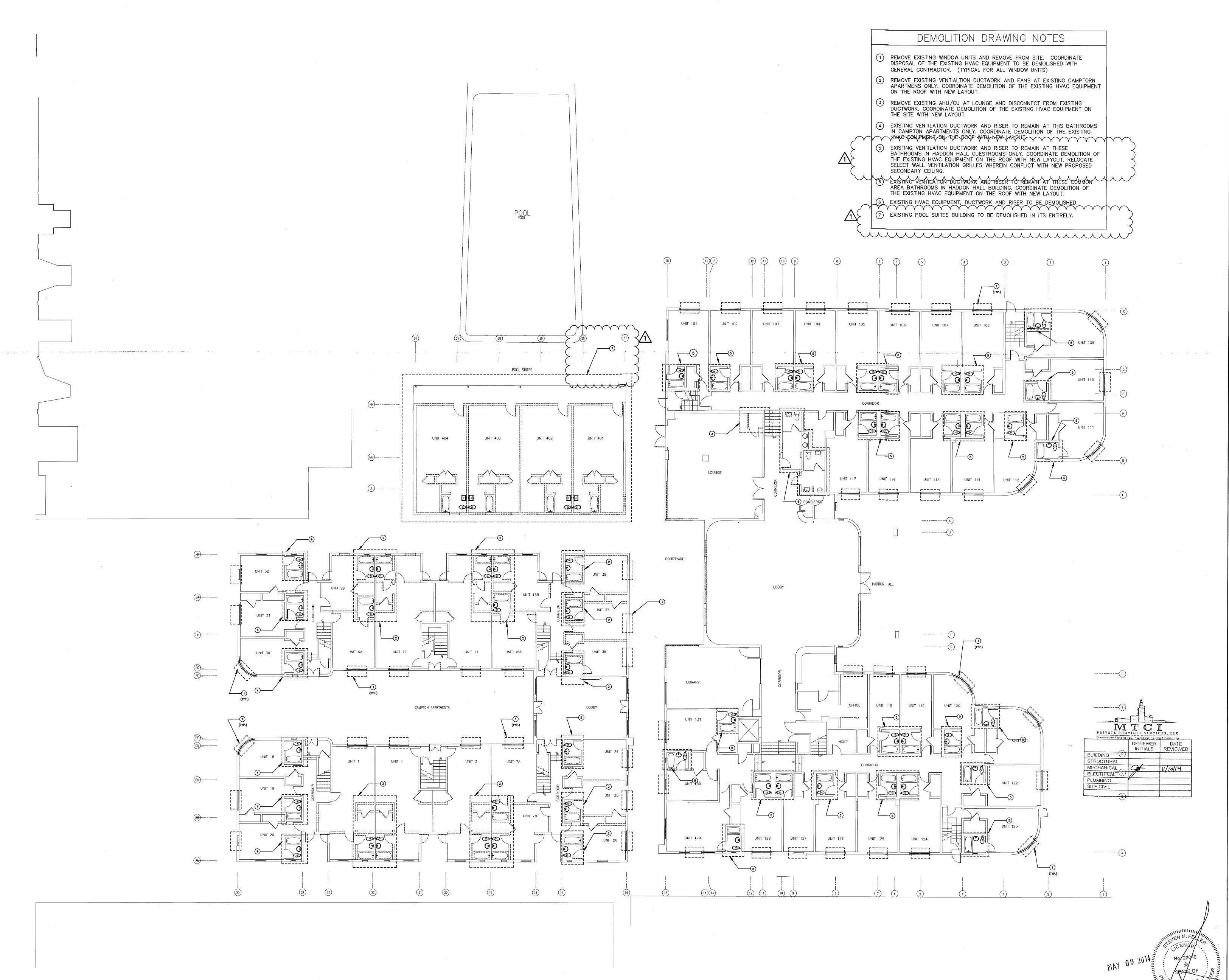
DISCIPLINES. INCLUDING BUT NOT LIMITED TO ARCHITECTURAL OR MECHANICAL DESIGNS; AND AS SUCH, ARE INCOMPLETE BY NATURE FOR











HADDON HALL 1500 COLLINS AVE

MIAMI BEACH, FL

KEYPLAN N.T.S

NO. DESCRIPTION ISSUE DATE

PROGRESS 100% CD SET 02-07-14

100% CONSTRUCTION DOCUMENT SET

Jonathan Cardello Lic. # AR93391

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SHEET TITLE

SHEET NUMBER

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PH: 954 467 1402 FAY: 954 467 5752

PH: 954.467.1402 FAX: 954.467.5752 e-mail: fellerpe@fellerpe.com JOB # 13153 JOB NUMBER: 13036.00

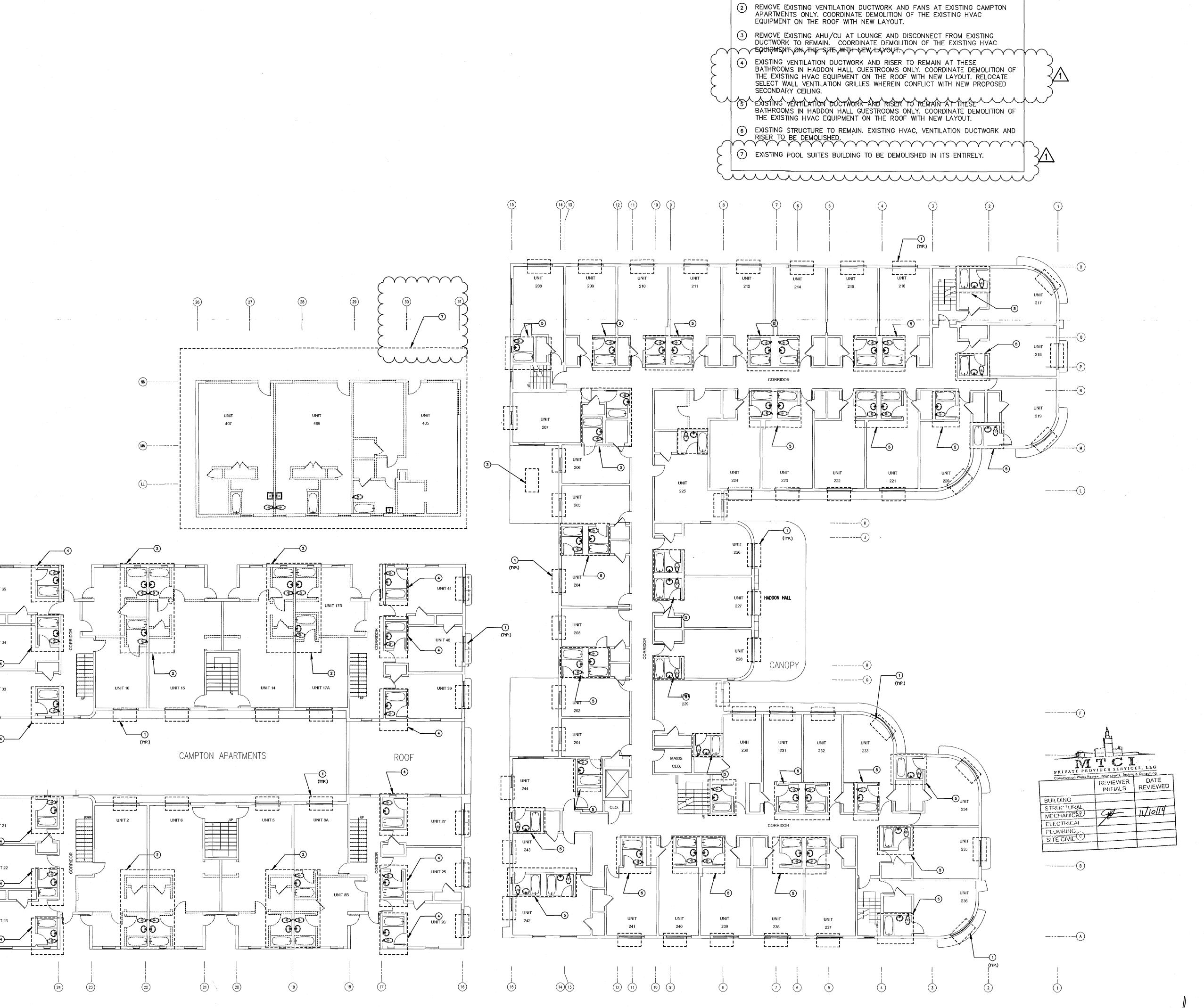
CHECKED BY:

ISSUE DATE: MARCH 14, 2014

SCALE: AS NOTED

GROUND FLOOR DEMOLITION PLAN

M0.01



DEMOLITION DRAWING NOTES

1 REMOVE EXISTING WINDOW UNITS AND REMOVE FROM SITE. COORDINATE DISPOSAL, OF THE EXISTING HVAC EQUIPMENT TO BE DEMOLISHED WITH

GENERAL CONTRACTOR. (TYPICAL FOR ALL WINDOW UNITS)

HADDON HALL 1500 COLLINS AVE

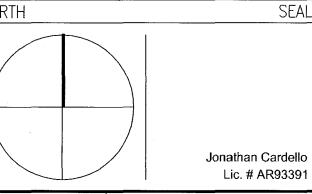
N.T.S.

KEYPLAN

NO. DESCRIPTION ISSUE DATE

PROGRESS 100% CD SET 02-07-14

100% CONSTRUCTION DOCUMENT SET



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ISSUE DATE:

MARCH 14, 2014
SCALE:

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SHEET TITLE

SECOND FLOOR DEMOLITION PLAN

HEET NUMBER

STEVEN FELLER P.E., PL FLORIDA P.E. Reg. # 22046 Certificate of Authorization # 00003427 500 N.E. THIRD AVENUE FORT LAUDERDALE, FLORIDA 33301 PH: 954.467.1402 FAX: 954.467.5752 e-mail: fellerpe@fellerpe.com M0.02

DEMOLITION DRAWING NOTES

1 REMOVE EXISTING WINDOW UNITS AND REMOVE FROM SITE. COORDINATE DISPOSAL OF THE EXISTING HVAC EQUIPMENT TO BE DEMOLISHED WITH GENERAL CONTRACTOR. (TYPICAL FOR ALL WINDOW UNITS)

2 REMOVE EXISTING VENTILATION DUCTWORK AND FANS AT EXISTING CAMPTORN APARTMENTS ONLY. COORDINATE DEMOLITION OF THE EXISTING HVAC EQUIPMENT ON THE ROOF WITH NEW LAYOUT.

3 REMOVE EXISTING AHU/CU AT LIBRARY AND LOUNGE AND DISCONNECT FROM EXISTING DUCTWORK TO REMAIN. COORDINATE DEMOLITION OF THE EXISTING HVAC EQUIPMENT ON THE SITE WITH NEW LAYOUT.

4 EXISTING VENTILATION DUCTWORK AND RISER TO REMAIN AT THIS BATHROOMS IN CAMPTON APARTMENTS ONLY. COORDINATE DEMOLITION OF THE EXISTING HVAC EQUIPMENT ON THE ROOF WITH NEW LAYOUT.

5 EXISTING VENTILATION DUCTWORK AND RISER TO REMAIN AT THESE BATHROOMS IN HADDON HALL GUESTROOMS ONLY. COORDINATE DEMOLITION OF THE EXISTING HVAC EQUIPMENT ON THE ROOF WITH NEW LAYOUT. RELOCATE SELECT WALL VENTILATION GRILLES WHEREIN CONFLICT WITH NEW PROPOSED SECONDARY CEILING.

6 EXISTING STRUCTURE TO REMAIN. EXISTING HVAC, VENTILATION DUCTWORK AND RISER TO BE DEMOLISHED.

7 EXISTING HVAC EQUIPMENT ON ROOF TO BE DEMOLISHED COORDINATE DISPOSAL OF THE EXISTING HVAC EQUIPMENT TO BE DEMOLISHED WITH

GENERAL CONTRACTOR.

UNIT UNIT 316 POOL SUITES ----(L) ----J HADDON HALL ---—----Н CAMPTON APARTMENTS REVIEWER DATE INITIALS REVIEWED <del>(60)-----</del> 

HADDON HALL 1500 COLLINS AVE

MIAMI BEACH, FL

KEYPLAN N.T.S.

NO. DESCRIPTION ISSUE DATE

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Jonathan Cardello Lic. # AR93391

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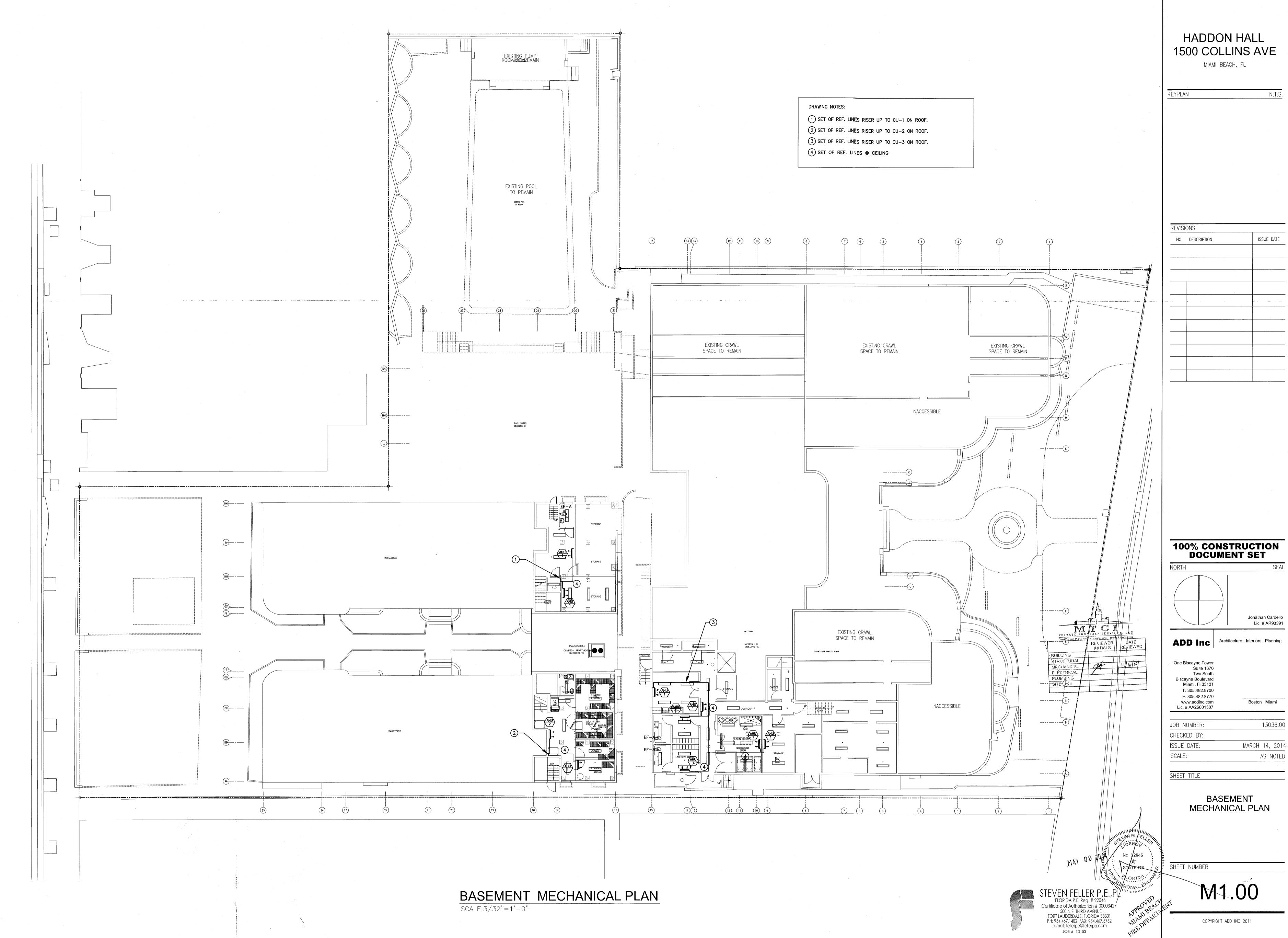
THIRD FLOOR DEMOLITION PLAN

SHEET NUMBER

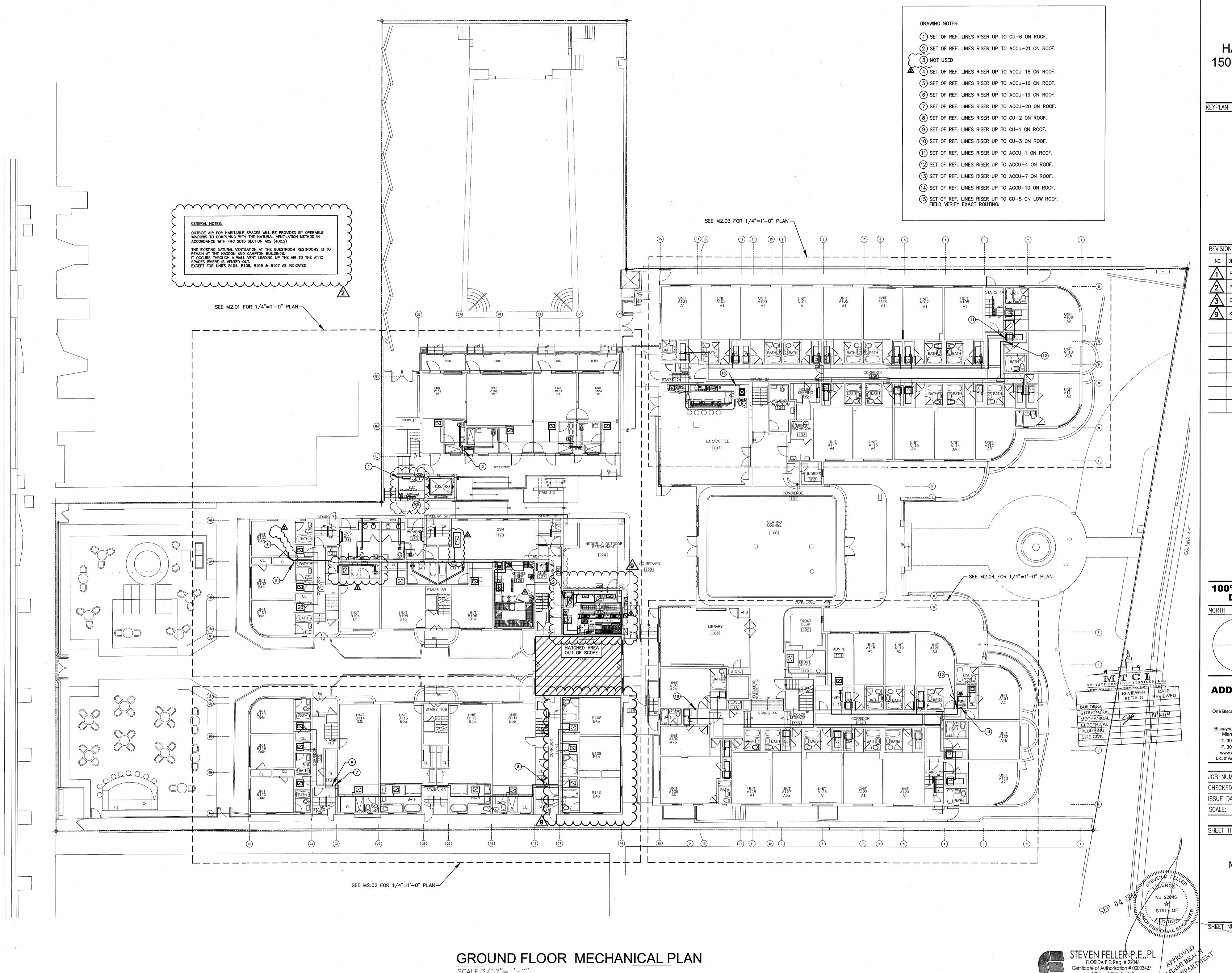
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13036.00 MARCH 14, 2014



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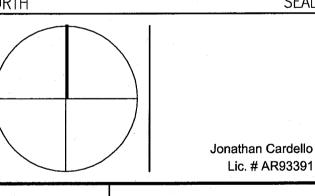
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| NO.       | DESCRIPTION            | ISSUE DATE |
| $\Lambda$ | PROGRESS 100% CD SET   | 02-07-14   |
| 2         | PERMIT REVIEW COMMENTS | 03-14-14   |
| 3         | COORDINATION REVISION  | 03-14-14   |
| 9         | KITCHEN RELOCATION     | 05-30-14   |
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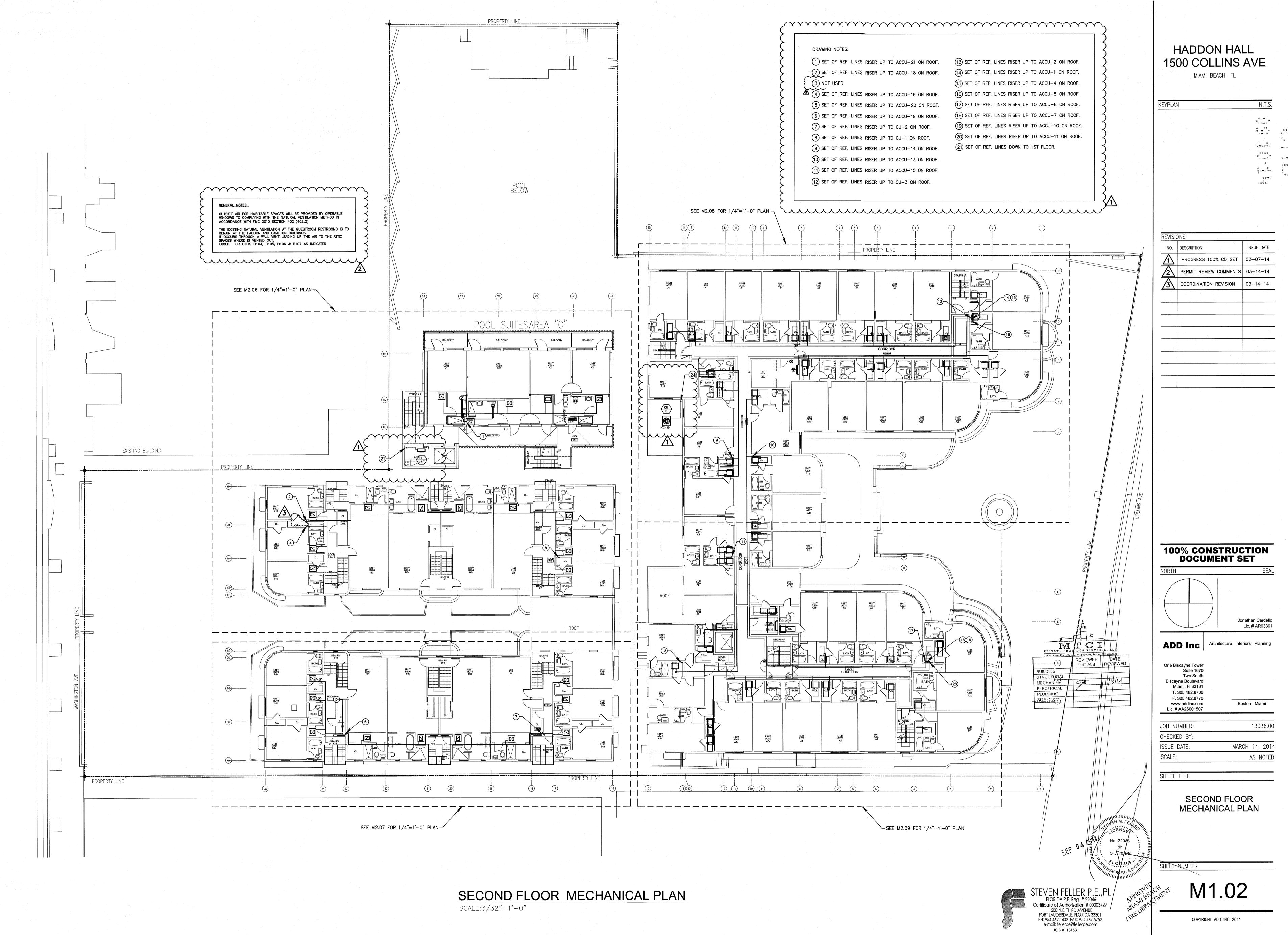
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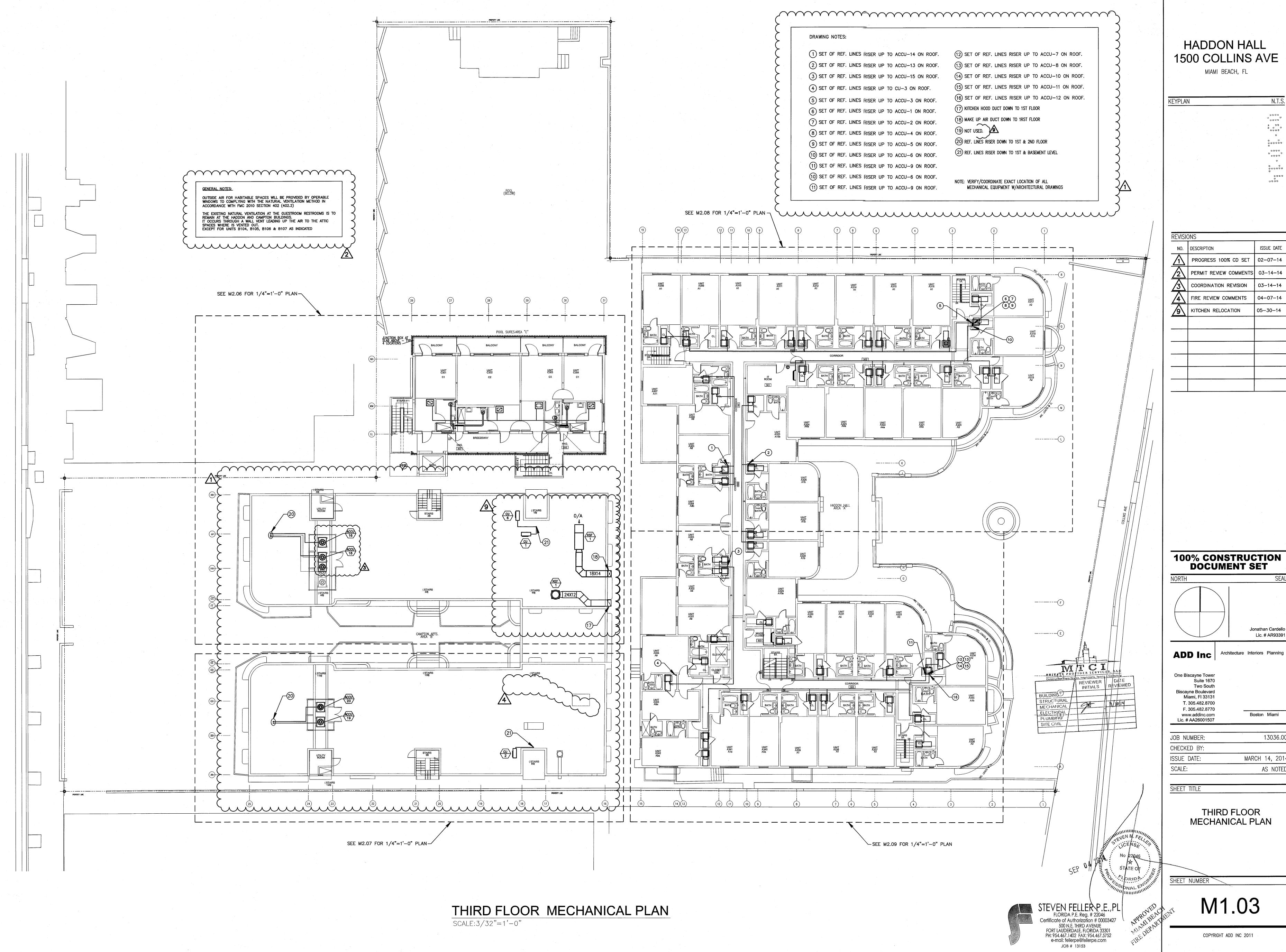
GROUND FLOOR MECHANICAL PLAN

SHEET NUMBER

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FORT LAUDERDALE, FLORIDA 33301
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e-mail: fellerpe@fellerpe.com
JOB # 13153

M1.01





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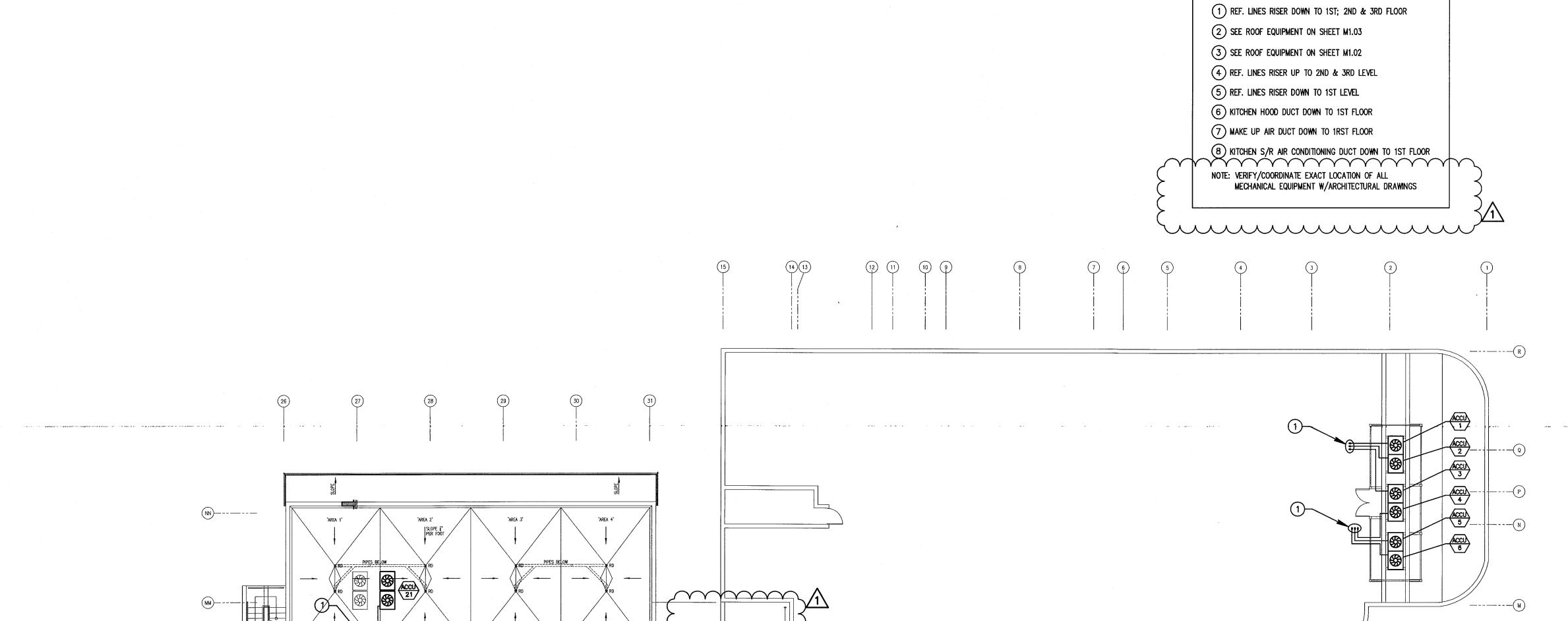
PROGRESS 100% CD SET | 02-07-14 PERMIT REVIEW COMMENTS 03-14-14 COORDINATION REVISION 03-14-14 4 FIRE REVIEW COMMENTS 04-07-14 05-30-14

Lic. # AR93391

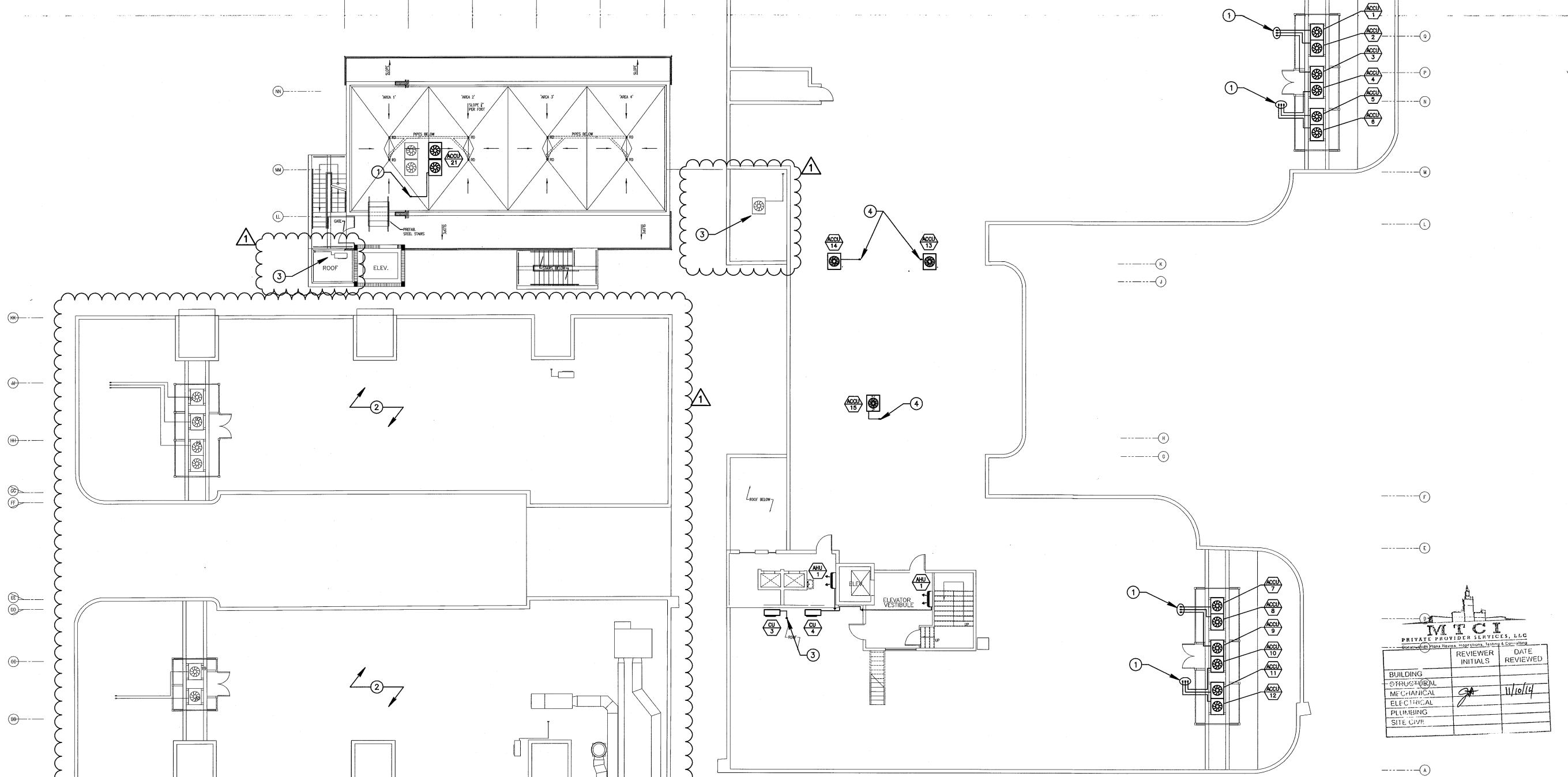
13036.00 MARCH 14, 2014

THIRD FLOOR MECHANICAL PLAN

M1.03



DRAWING NOTES:



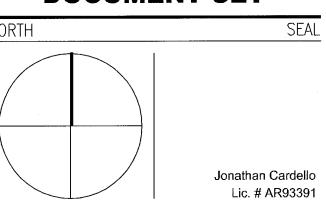
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ISSUE DATE: MARCH 14, 2014

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e-mail: fellerpe@fellerpe.com
JOB # 13153

MECHANICAL ROOF PLAN

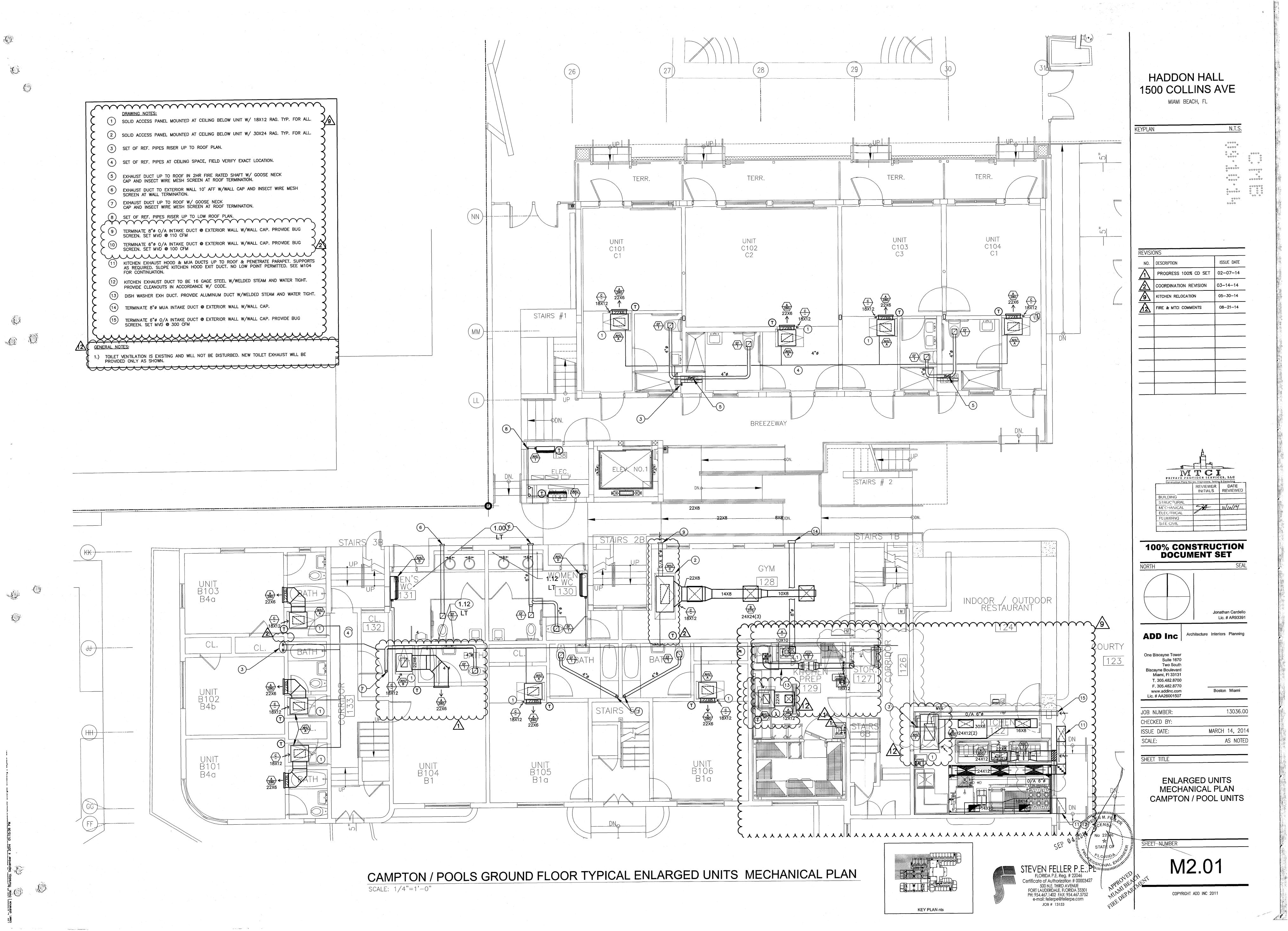
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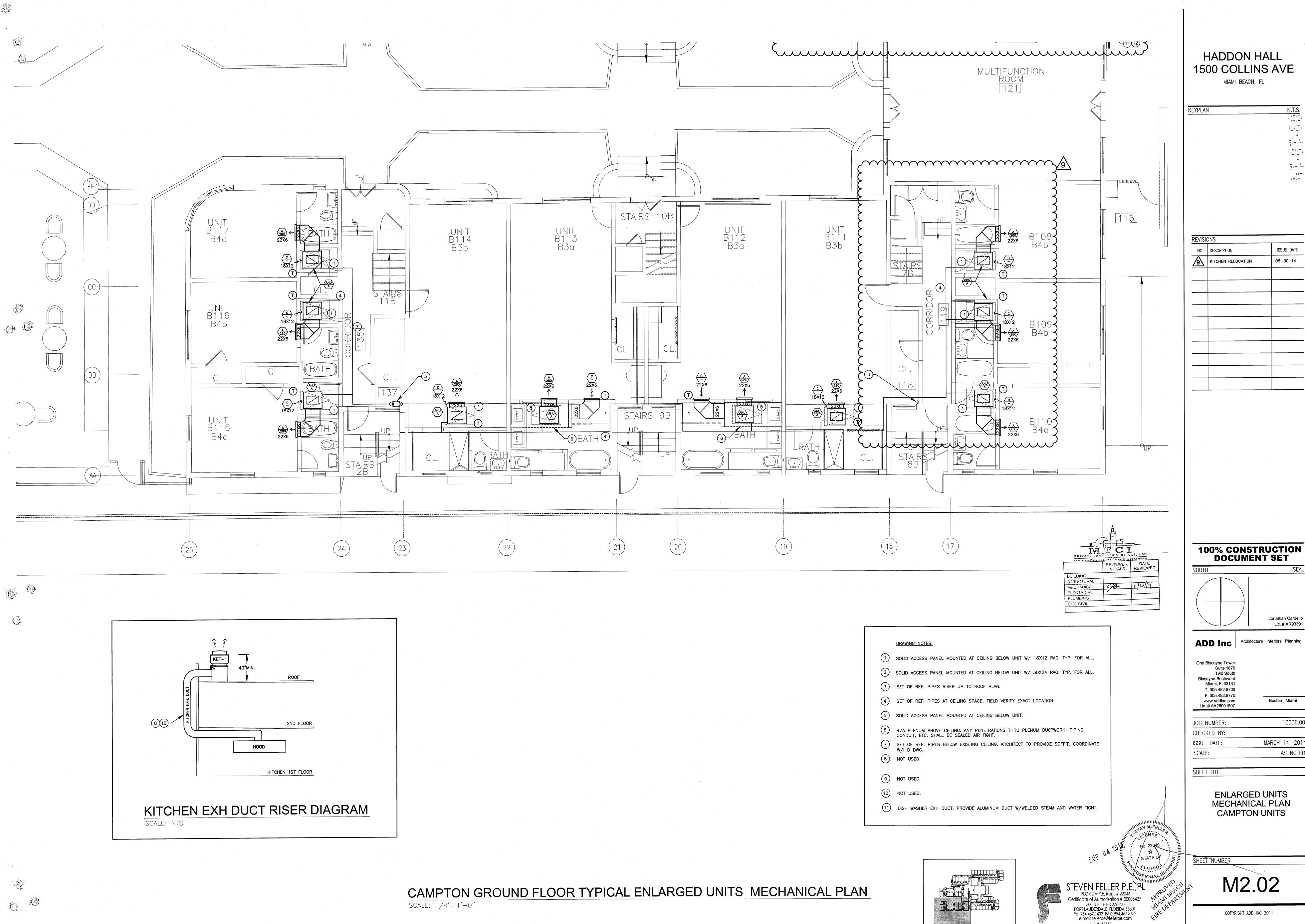
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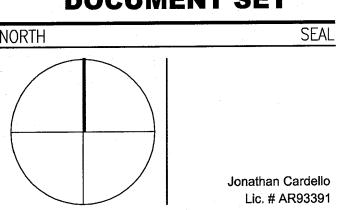
MECHANICAL ROOF PLAN
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HADDON HALL 1500 COLLINS AVE

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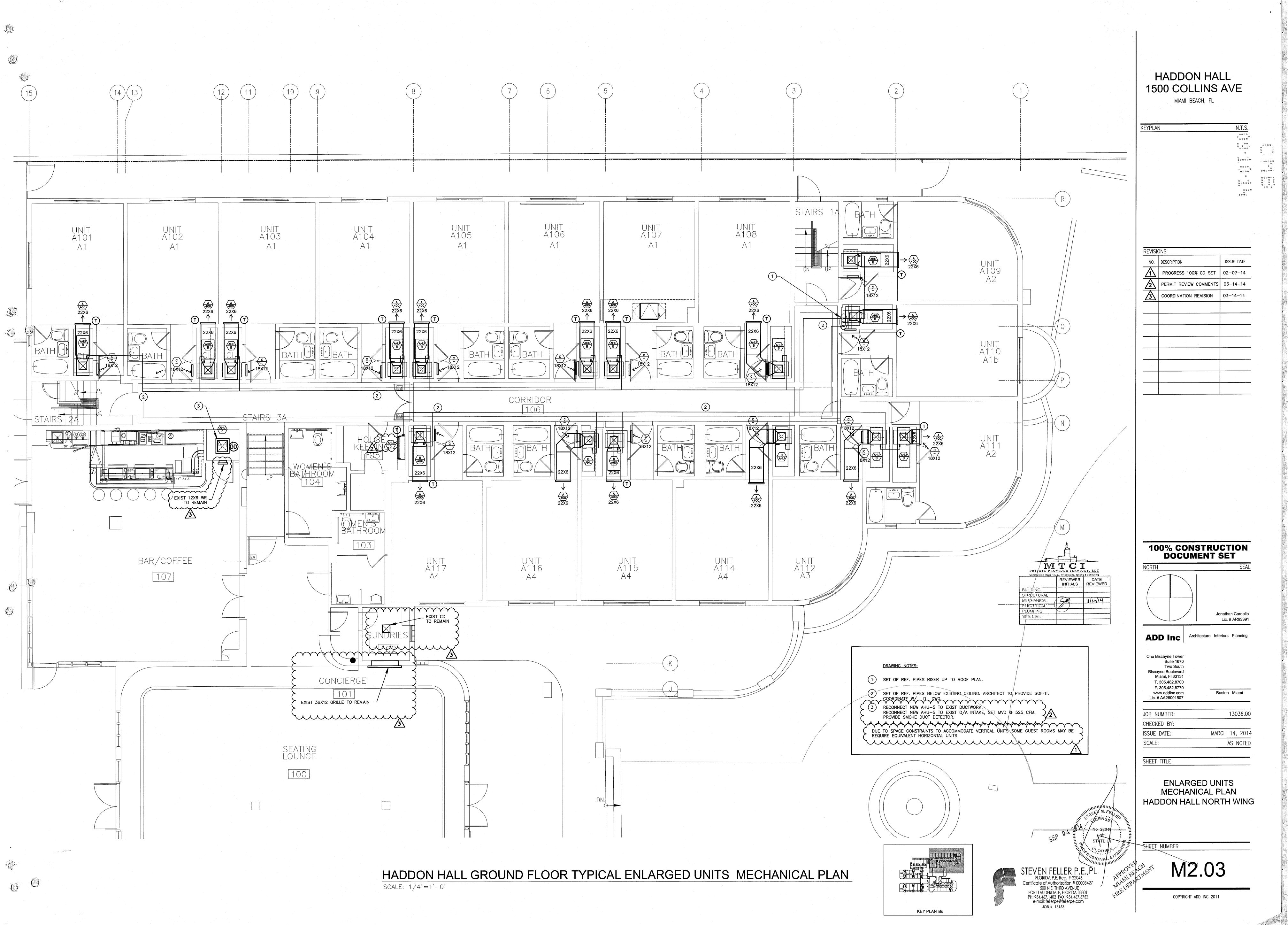


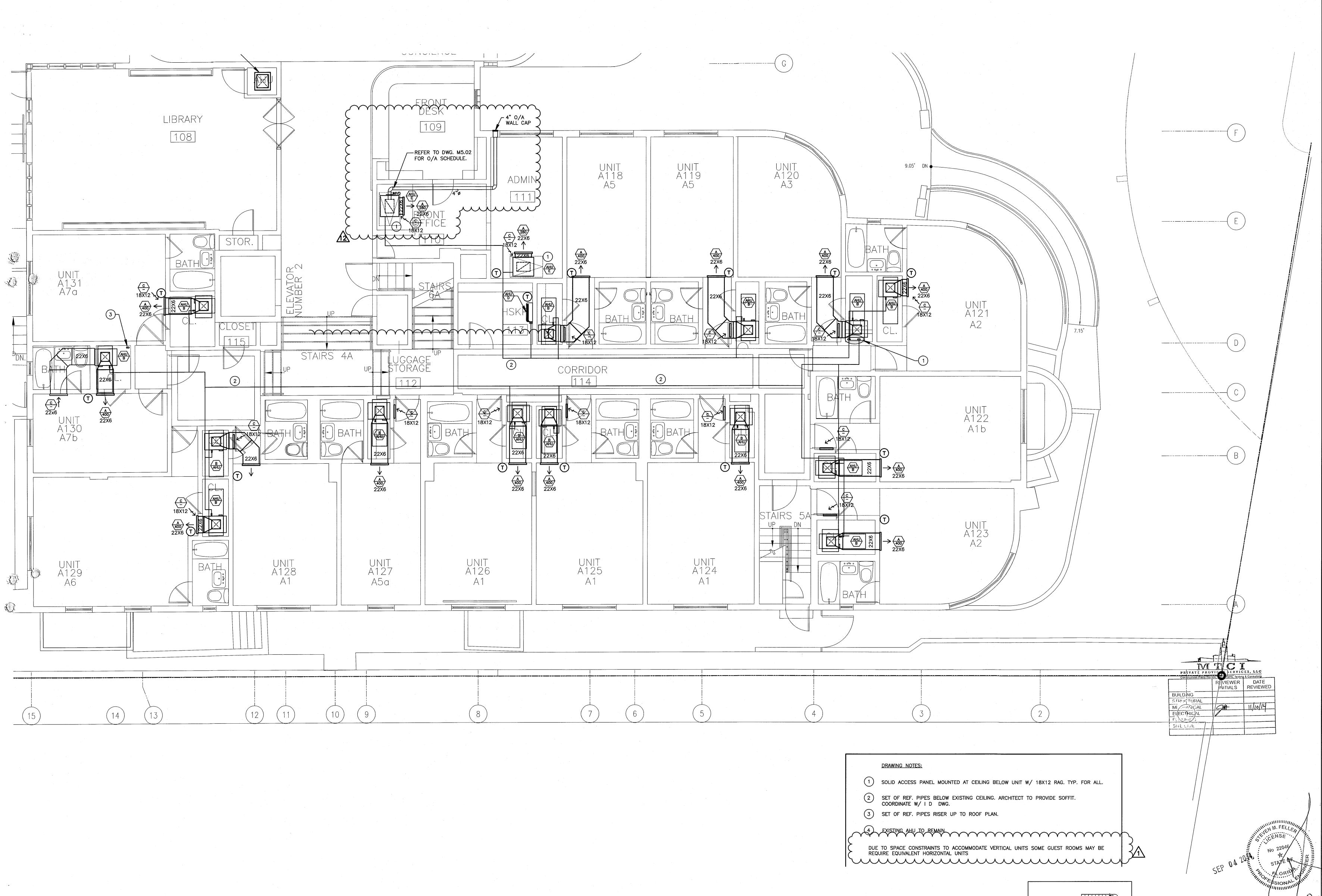
Boston Miami

13036.00 MARCH 14, 2014 AS NOTED

ENLARGED UNITS MECHANICAL PLAN CAMPTON UNITS

M2.02





HADDON HALL GROUND FLOOR TYPICAL ENLARGED UNITS MECHANICAL PLAN

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

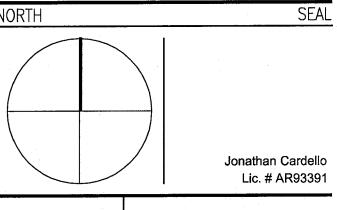
HADDON HALL 1500 COLLINS AVE

MIAMI BEACH, FL

N.T.S.

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| NO.       | DESCRIPTION          | ISSUE DATE |
| $\Lambda$ | PROGRESS 100% CD SET | 02-07-14   |
| 13        | FIRE & MTCI COMMENTS | 08-21-14   |
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| ISSUE DATE: | MARCH 14, 201 |
| SCALE:      | AS NOTED      |
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SHEET TITLE

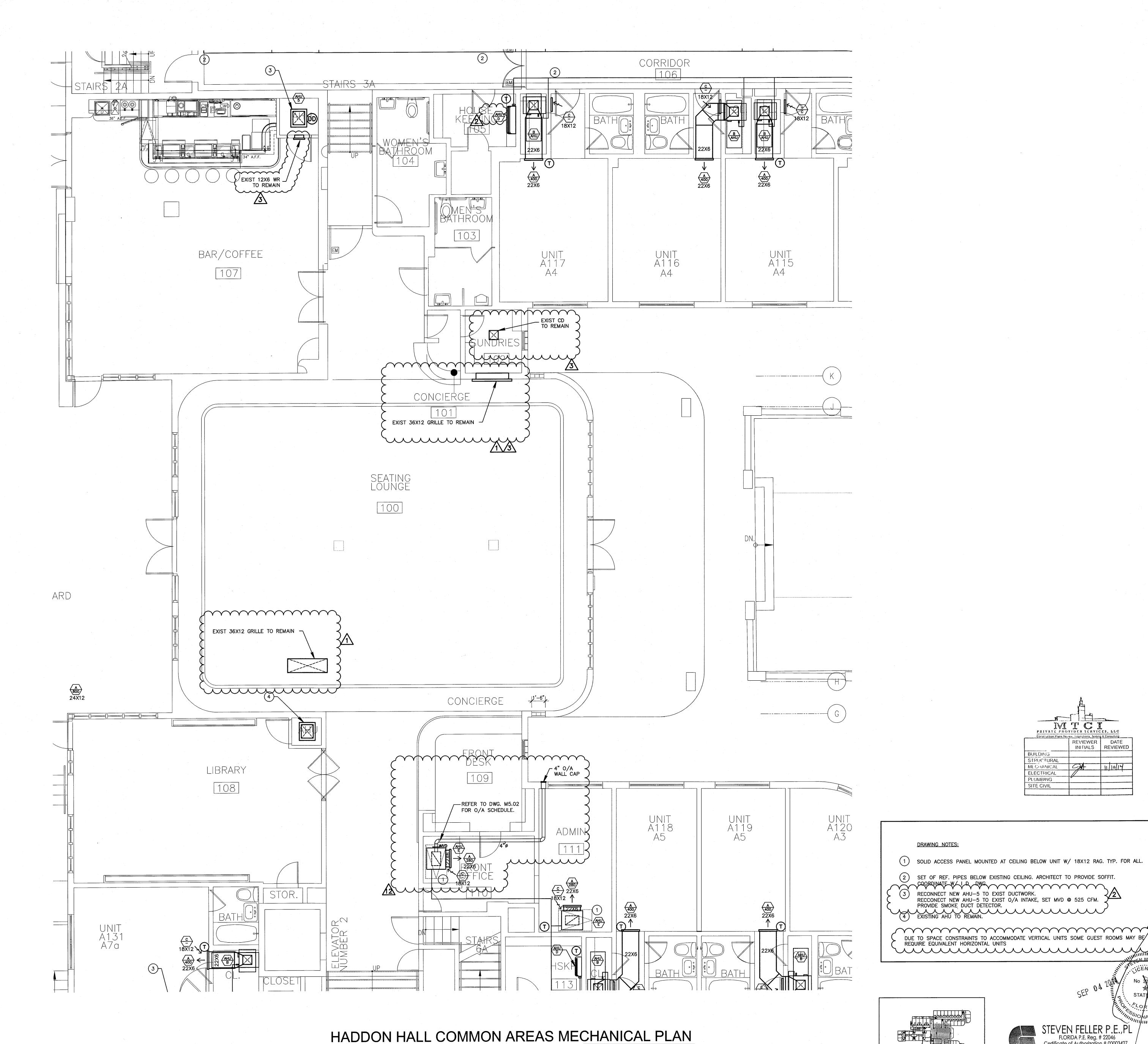
ENLARGED UNITS MECHANICAL PLAN HADDON HALL SOUTH WING

SHEET NUMBER

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PH: 954.467.1402 FAX: 954.467.5752
e-mail: fellerpe@fellerpe.com
JOB # 13153

KEY PLAN nts

M2.04



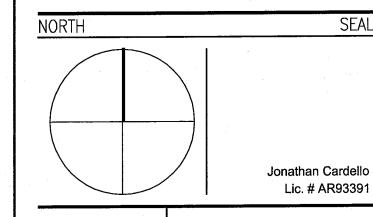
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HADDON HALL 1500 COLLINS AVE MIAMI BEACH, FL

KEYPLAN 0000

PERMIT REVIEW COMMENTS | 03-14-14 | FIRE & MTCI COMMENTS

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Boston Miami

SHEET TITLE

SHEET NUMBER

ENLARGED UNITS THIRD FLOOR MECHANICAL PLAN HADDON HALL COMMON AREA

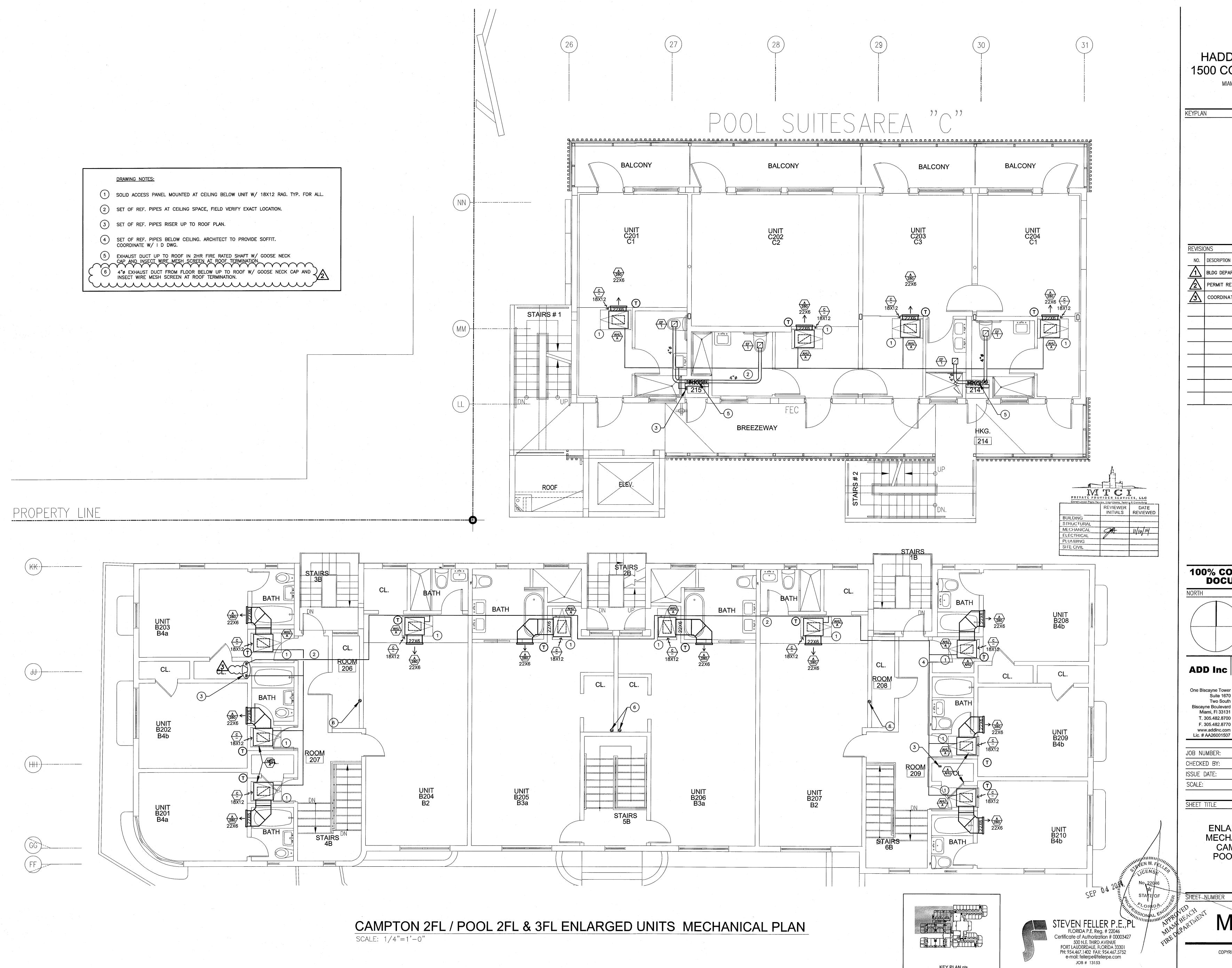
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FLORIDA P.E. Reg. # 22046
Certificate of Authorization # 00003427
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PH: 954.467.1402 FAX: 954.467.5752
e-mail: fellerpe@fellerpe.com
JOB # 13153 KEY PLAN nts

REVIEWER DATE INITIALS REVIEWED

BUILDING STRUCTURAL MECHANICAL

ELECTRICAL

DRAWING NOTES:



HADDON HALL 1500 COLLINS AVE MIAMI BEACH, FL

KEYPLAN

REVISIONS BLDG DEPARTMENT COMMENT PERMIT REVIEW COMMENTS | 03-14-14 COORDINATION REVISION

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Jonathan Cardello

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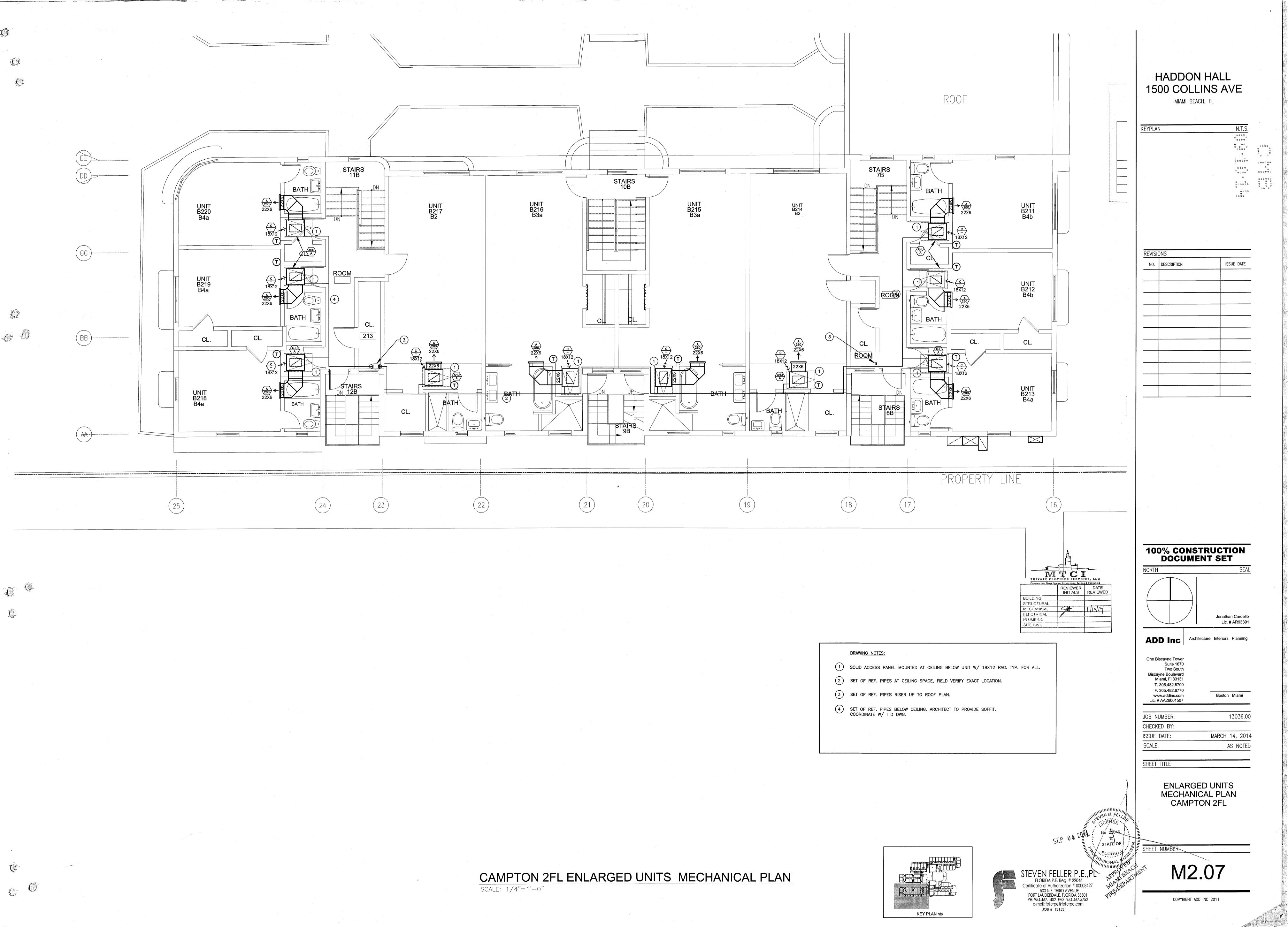
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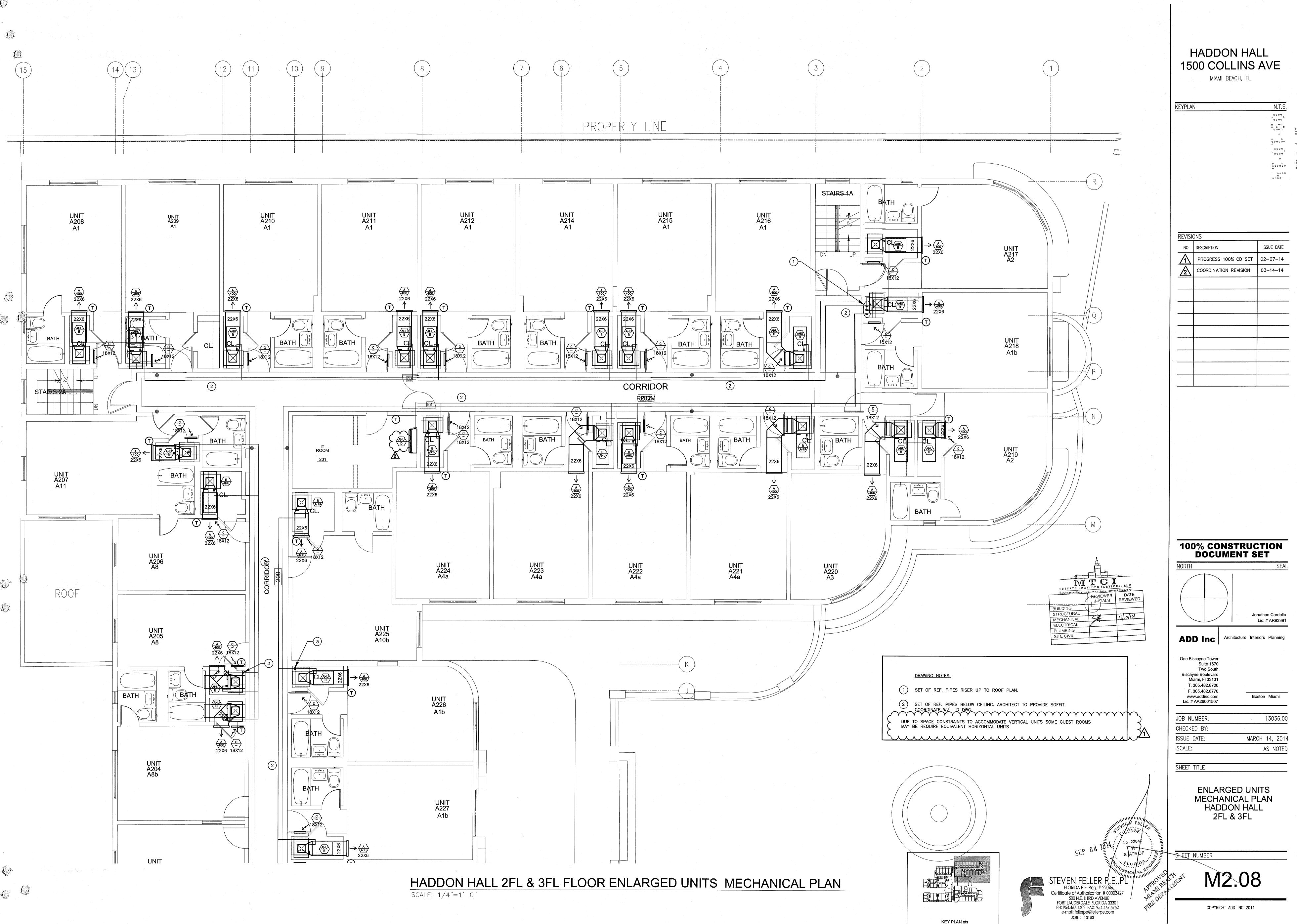
ENLARGED UNITS MECHANICAL PLAN CAMPTON 2FL POOL 2FL & 3FL UNITS

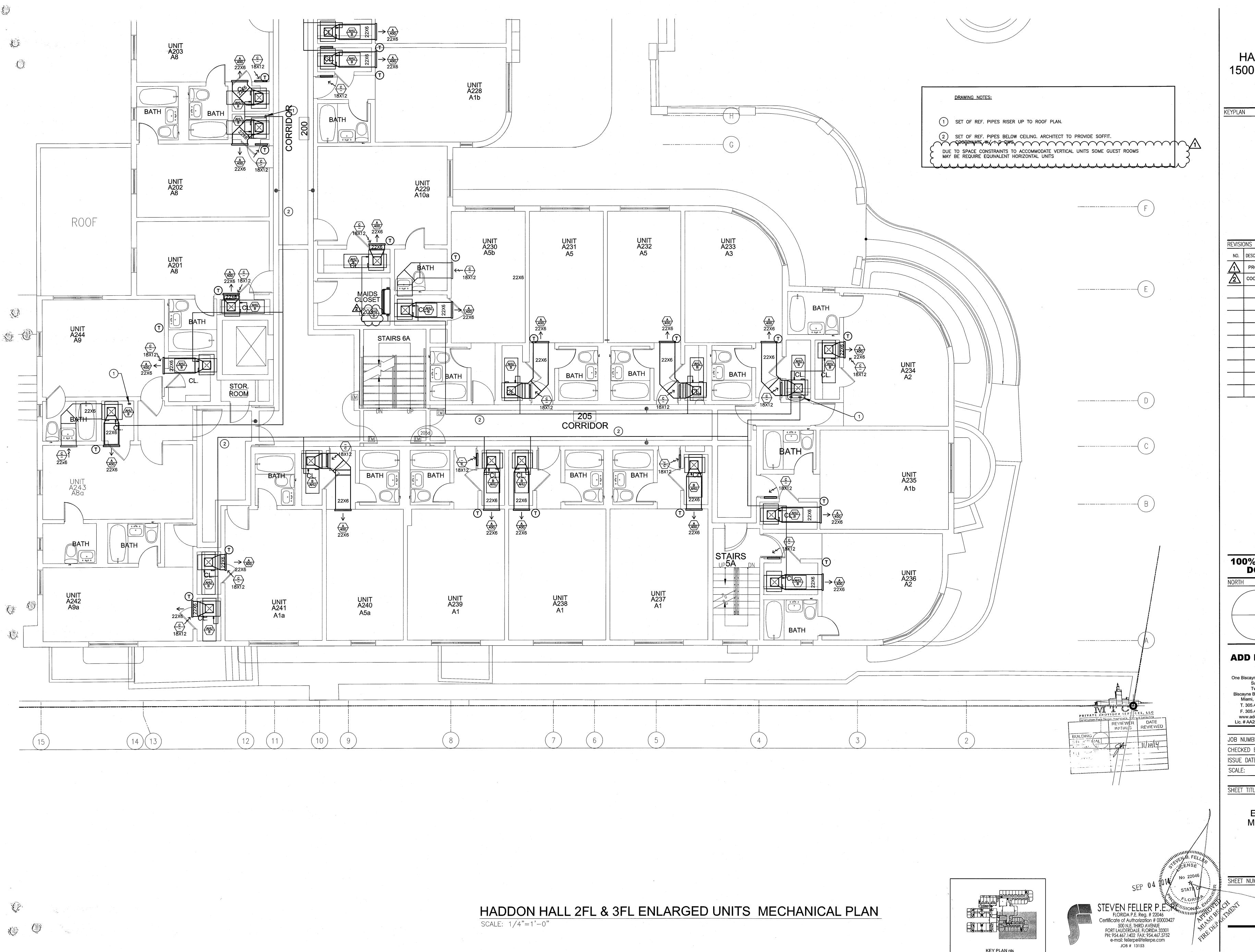
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KEY PLAN nts

M2.06







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MIAMI BEACH, FL

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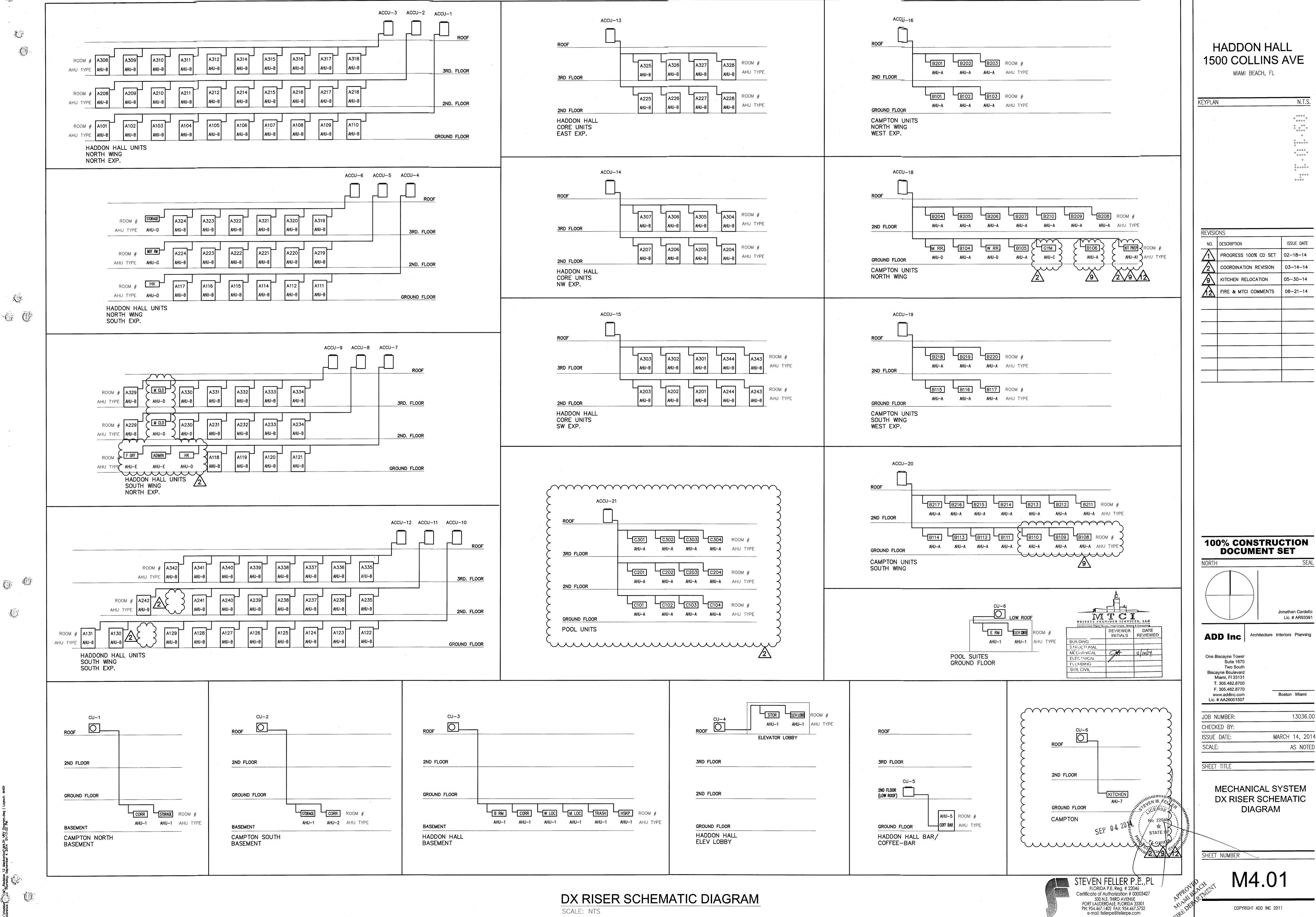
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ENLARGED UNITS MECHANICAL PLAN HADDON HALL 2FL & 3FL

SHEET NUMBER



J.

DX RISER SCHEMATIC DIAGRAM SCALE: NTS

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JOB # 13153

|                                   |                |             |              |                              |                              |          |          |             |                                  |                        |        |          | e le c   |         |             | ***  |                |             |          |  |
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|                                   |                |             |              |                              |                              | VRV      | AIR HAN  | DLING UNIT  | SCHEDUL                          | E (HEAT                | PUMP)  |          |          |         |             |      |                |             |          |  |
| MARK<br>(MOUNTING)                | SELECTION MAKE | N BASED ON: | ELECTRICAL   | COOLING<br>CAPACITY<br>BTU/H | HEATING<br>CAPACITY<br>BTU/H | MCA<br>A | MOP<br>A | REFRIGERANT | REFRIGERANT<br>CONTROL           | AIRFLOW<br>RATE<br>H/L | WEIGHT | HEIGHT   | WIDTH    | DEPTH   | SOUND<br>DB | S.P. | LIQUID<br>LINE | GAS<br>LINE |          |  |
| AHU—A (1 TON)<br>HORIZ. SLIM      | DAIKIN         | FXDQ12MVJU  | 208-230/1/60 | 12,000                       | 13,500                       | 0.9      | 15       | R-410A      | ELECTRONIC<br>EXPANSION<br>VALVE | 280                    | 51     | 11-13/16 | 21-5/8   | 27-9/16 | 33          | 0.40 | 1/4            | 1/2         |          |  |
| AHU-B (1 TON) VERTICAL            | DAIKIN         | FXTQ12PAVJU | 208-230/1/60 | 12,000                       | 13,500                       | 1.1      | 15       | R-410A      | EXPANSION                        | 400                    | 119    | 46-3/4   | 19-1/2   | 27-9/16 | 22          | 0.50 | 1/4            | 1/2         |          |  |
| AHU-C (2.5 TON)<br>HORIZ. DUCTED  | DAIKIN         | FXMQ30PVJU  | 208-230/1/60 | 30,000                       | 34,000                       | 2.3      | 15       | R-410A      | ELECTRONIC<br>EXPANSION<br>VALVE | 883                    | 80     | 11-13/16 | 39-3/8   | 27-9/16 | 43          | 0.80 | 3/8            | 5/8         |          |  |
| AHU-D (0.6 TON)<br>HIGH WALL      | DAIKIN         | FXAQ07PVJU  | 208-230/1/60 | 7,500                        | 8,500                        | 0.4      | 15       | R-410A      | ELECTRONIC<br>EXPANSION<br>VALVE | 260                    | 26     | 11-3/8   | 31-1/4   | 9-1/4   | 36          | -    | 1/4            | 1/2         |          |  |
| AHU-E (0.6 TON)<br>HORIZ. SLIM    | DAIKIN         | FXDQ07MVJU  | 208-230/1/60 | 7,500                        | 8,500                        | 0.9      | 15       | R-410A      | ELECTRONIC<br>EXPANSION<br>VALVE | 280                    | 51     | 7–7/8    | 27-9/16  | 24-7/16 | 33          | 0.12 | 1/4            | 1/2         |          |  |
| AHU-F (1.0 TON) CEILING SUSPENDED | DAIKIN         | FXHQ12MVJU  | 208-230/1/60 | 12,000                       | 13,500                       | 0.8      | 15       | R-410A      | ELECTRONIC<br>EXPANSION<br>VALVE | 410                    | 53     | 7-11/16  | 37–13/16 | 26-3/4  | 38          | _    | 1/4            | 1/2         |          |  |
| AHU-A1 (1.5 TON) HORIZ. SLIM      | DAIKIN         | FXDQ18MVJU  | 208-230/1/60 | 18,000                       | 20,000                       | 1.3      | 15       | R-410A      | ELECTRONIC<br>EXPANSION<br>VALVE | 440                    | 63     | 7–7/8    | 35-7/16  | 24-7/16 | 33          | 0.17 | 1/4            | 1/2         | <u>}</u> |  |

| V              | RV-III HEAT PUMPS & MULTISPLIT SYSTEM                                                 |         |
|----------------|---------------------------------------------------------------------------------------|---------|
| 1.             | · · · · · · · · · · · · · · · · · · ·                                                 |         |
|                | MITSUBISHI, WILL BE CONSIDERED PER APPROVED\ EQUALS.                                  |         |
| 2.             |                                                                                       |         |
|                | PARTS IN CONDENSING UNITS & FAN COIL IVERTER                                          |         |
|                | TYPE COMPRESSION WITH.                                                                |         |
| 3              | PROVIDE INTELLIGENT TOUCH MANAGER COMPLETE                                            |         |
| _              | W/D-IILPLUS ADAPTER.                                                                  |         |
| Υ <sub>4</sub> | - Y FURNISH AND INSTALL ALL AHU'S W/ FACTORY ' ' '                                    | 5       |
|                | MOUNTED CONDENSATE PUMP W/ DISCHARGE                                                  | 1 3     |
|                | CHECK VALVE AND FLOAT SWITCH TO                                                       | $\prec$ |
| 人              | AUTOMATICALLY SHUT DOWN UNIT IF FAILURE.  REFER TO RISER DIAGRAM FOR CONDENSING UNITS |         |
| J              | TYPES & LOCATION.                                                                     | ·       |
| 6              |                                                                                       |         |
| Ū              | MANUFACTURER'S RECOMMENDED LENGTHS. DO                                                |         |
|                | NOT EXCEED LIMITATIONS.                                                               |         |
| 7              | - PROVIDE REFRIGERANT PIPE DIAMETERS PER                                              |         |
| -              | MANUFACTURERS RECOMMENDATIONS &                                                       |         |
|                |                                                                                       |         |

CALCULATIONS. COORDINATE W/ MANUFACTURER

ACCORDANCE W/MANUFACTRERS REQUIREMENTS AND APPROVED MANUFACTURER'S METHODS.

FOR ALL PIPE SIZING CALCULATIONS. 8- PROVIDE REFRIGERANT PIPE JOINTS IN

|   |                                                 |                   |                        |              |                              |                              | VR۱                            | / COND                         | ENSE      | R UN     | IT SC    | HEDULE           | (HEAT       | PUMP)          |                                  |                                  |                            |                              |                |                                                     |  |
|---|-------------------------------------------------|-------------------|------------------------|--------------|------------------------------|------------------------------|--------------------------------|--------------------------------|-----------|----------|----------|------------------|-------------|----------------|----------------------------------|----------------------------------|----------------------------|------------------------------|----------------|-----------------------------------------------------|--|
|   |                                                 |                   |                        |              | Р                            | ERFORMANCE                   |                                |                                |           |          |          |                  | <u> </u>    | FAN            |                                  | REFRIGE                          | RANT PIPIN                 | NG                           | UNIT           |                                                     |  |
|   | MARK<br>(AHU)                                   | SELECTION<br>MAKE | BASED ON:<br>MODEL NO. | ELECTRICAL   | COOLING<br>CAPACITY<br>BTU/H | HEATING<br>CAPACITY<br>BTU/H | OPERATING<br>RATING<br>COOLING | OPERATING<br>RATING<br>HEATING | IEER      | MCA<br>A | MOP<br>A | RLA<br>A         | SOUND<br>DB | AIRFLOW<br>CFM | VERTICAL<br>PIPE<br>LENGTH ABOVE | VERTICAL<br>PIPE<br>LENGTH BELOW | ACTUAL E<br>PIPE<br>LENGTH | EQUIVALENT<br>PIPE<br>LENGTH | WEIGHT<br>LBS. | DIMENSIONS<br>(HxWxD)                               |  |
|   | ACCU-4,6,7,8,9,16, <del>17,</del> 19<br>(6 TON) | DAIKIN            | RXYQ72PBTJ             | 208-230/3/60 | 72,000                       | 77,000                       | 23-110                         | 0-77                           | 25.8/21.5 | 30       | 35       | 14.2             | 57          | 8,230          | 164<br>(295 WITH OPTION)         | 295                              | 540                        | 620                          | 420            | 66-1/8"x36-5/8"x30-1/8"                             |  |
|   | ACCU-11,12,13,14<br>(8 TON)                     | DAIKIN            | RXYQ96PBTJ             | 208-230/3/60 | 96,000                       | 108,000                      | 23-110                         | 0-77                           | 23.0/18.0 | 43       | 50       | 7.8+16.8         | 60          | 8,300          | 164<br>(295 WITH OPTION)         | 295                              | 540                        | 620                          | 620            | 66-1/8"x48-7/8"x30-1/8"                             |  |
|   | ACCU-1,2,3,10,15<br>(10 TON)                    | DAIKIN            | RXYQ120PBTJ            | 208-230/3/60 | 120,000                      | 135,000                      | 23-110                         | 0-77                           | 20.4/17.2 | 43       | 50       | 10.6+16.8        | 60          | 8,230+8,230    | 164<br>(295 WITH OPTION)         | 295                              | 540                        | 620                          | 620            | 66-1/8"x48-7/8"x30-1/8"                             |  |
|   | ACCU-18, 20<br>(15 TON)                         | DAIKIN            | RXYQ192PBTJ            | 208-230/3/60 | 184,000                      | 206,000                      | 23-110                         | 0-77                           | 19.9/19.1 | 43+30    | 50+35    | (10.8+16.8)+14.2 | 62          | 8,230+6,350    | 164<br>(295 WITH OPTION)         | 295                              | 540                        | 620                          | 1040           | 66-1/8"x48-7/8"x30-1/8"<br>+66-1/8"x36-5/8"x30-1/8" |  |
| • | ACCU-21<br>(14 TON)                             | DAIKIN            | RXYQ168PBTJ            | 208-230/3/60 | 160,000                      | 180,000                      | 23-110                         | 0-77                           | 22.2/20.2 | 43+30    | 50+35    | (7.8+16.8)+14.2  | 62          | 8,230+8,230    | 164<br>(295 WITH OPTION)         | 295                              | 540                        | 620                          | 860            | 66-1/8"x36-5/8"x30-1/8"<br>+66-1/8"x48-7/8"x30-1/8" |  |

| SPLIT DUCTED INDOOR UNIT SCHEDULE (HEAT PUMP) |                  |             |              |                              |                              |                |          |                           |                 |                |             |       |  |  |
|-----------------------------------------------|------------------|-------------|--------------|------------------------------|------------------------------|----------------|----------|---------------------------|-----------------|----------------|-------------|-------|--|--|
| MARK<br>(MOUNTING)                            | SELECTIO<br>MAKE | N BASED ON: | ELECTRICAL   | COOLING<br>CAPACITY<br>BTU/H | HEATING<br>CAPACITY<br>BTU/H | AIRFLOW<br>CFM |          | WEIGHT                    | SUCTION<br>LINE | LIQUID<br>LINE | SOUND<br>DB | SEER  |  |  |
| AHU-7 (3.0 TON) DCUT CONCEALED                | DAIKIN           | FBQ36PVJU   | 208-230/1/60 | 36000                        | 27200                        | 1130 -         |          | 102                       | 5/8"            | 3/8"           | 39          | 17.5  |  |  |
|                                               |                  |             |              |                              |                              |                | IIEAT DI | 13.45)                    |                 |                |             |       |  |  |
|                                               |                  | SP          | LIT CONDI    |                              |                              | :DULE (        | HEAT PU  | JMP)                      |                 |                |             | ÷     |  |  |
| MARK<br>(AHU)                                 | SELECTIO<br>MAKE |             | ELECTRICAL   | COOLING CAPACITY BTU/H       | HEATING CAPACITY BTU/H       | SEER/EER       |          | JMP)  MOP SUCTION  A LINE | ,               | DIMEN:<br>(HxV | i i         | WEIGH |  |  |

| MARK                         |        | N BASED ON: | ELECTRICAL   | COOLING<br>CAPACITY | HEATING<br>CAPACITY | AIRFLOW | WEIGHT     | SUCTION | LIQUID | SOUND |  |
|------------------------------|--------|-------------|--------------|---------------------|---------------------|---------|------------|---------|--------|-------|--|
| (MOUNTING)                   | MAKE   | MODEL NO.   |              | BTU/H               | BTU/H               | CFM     | ** LIOI II | LINE    | LINE   | DB    |  |
| AHU-1 (0.6 TON)<br>HIGH WALL | DAIKIN | CTXS07LVJU  | 208-230/1/60 | 7000                | 850                 | 350     | 20         | 3/8"    | 1/4"   | 38    |  |
| AHU-2 (1 TON)<br>HIGH WALL   | DAIKIN | CTXS12LVJU  | 208-230/1/60 | 11500               | 11500               | 400     | 20         | 3/8"    | 1/4"   | 45    |  |

|         |           |             |         |        | FA       | N SCHED     | ULE              |       |                  |         |       |
|---------|-----------|-------------|---------|--------|----------|-------------|------------------|-------|------------------|---------|-------|
| MARK    | SELEC     | CTION BASED |         | CFM    | STATIC   | VOLT/ø/HZ   | SPEED CONTROLLER | WATTS | CONTROL          | SERVICE | SONES |
| MUNICIN | MAKE      | MODEL NO.   | TYPE    | O1 1VI | PRESSURE | VO21/ P/112 | UNIT MOUNTED     |       |                  |         |       |
| EF-1    | GREENHECK | SP-A50      | CABINET | 50     | 0.1      | 120/1/60    | YES              | 18.3  | MOTION<br>SENSOR | TOILETS | 0.8   |

| (AHO) MAKE MODEL NO. BTU/H BTU/H A A LINE LINE (HXW. CU-1,4&6 DAIKIN 2MXS18GVJU 208-230/1/60 18,000 22,000 16.3/10.8 11.1 20 3/8" 1/4" 29X33X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | D) WEIGH | 1 (UVM/VD) |      | SUCTION | MOP | MCA  | SEER/EER  | HEATING<br>CAPACITY | COOLING<br>CAPACITY | _ ELECTRICAL | N BASED ON: | SELECTION | MARK     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------|------|---------|-----|------|-----------|---------------------|---------------------|--------------|-------------|-----------|----------|
| CH 2 DANGIN 7 7000 200 40.7 (40.5 17.8 20 7.42.7 4.42.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7.44.7 7. |          | (UXWXD)    | LINE | LINE    | Α   | A    | •         | BTU/H               |                     | LLLOTTION    | MODEL NO.   | MAKE      | (AHU)    |
| CU-2 DAIKIN 3MXS24GVJU 208-230/1/60 24.000 30,000 16.3/12.5 17.8 20 3/8" 1/4" 31X17X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 12 139   | 29X33X12   | 1/4" | 3/8"    | 20  | 11.1 | 16.3/10.8 | 22,000              | 18,000              | 208-230/1/60 | 2MXS18GVJU  | DAIKIN    | CU-1,4&6 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 13 168   | 31X17X13   | 1/4" | 3/8"    | 20  | 17.8 | 16.3/12.5 | 30,000              | 24,000              | 208-230/1/60 | 3MXS24GVJU  | DAIKIN    | CU-2     |
| CU-3 DAIKIN RMXS48LVJU 208-230/1/60 48,000 54,000 16.3/10.8 27 30 3/4" 3/8" 53X17X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 13 283   | 53X17X13   | 3/8" | 3/4"    | 30  | 27   | 16.3/10.8 | 54,000              | 48,000              | 208-230/1/60 | RMXS48LVJU  | DAIKIN    | CU-3     |

|      | AIR DISTRIBUTION SCHEDULE |          |       |             |        |                    |         |  |  |  |  |  |
|------|---------------------------|----------|-------|-------------|--------|--------------------|---------|--|--|--|--|--|
| MARK | USE                       | MATERIAL | FRAME | ACCESSORIES | FINISH | MAKE AND MODEL NO. | REMARKS |  |  |  |  |  |
| A    | SUPPLY                    | ALUMINUM | *     | OBD         | **     | TITUS 272 FS       | 1       |  |  |  |  |  |
| В    | SUPPLY                    | ALUMINUM | *     | OBD         | **     | TITUS TDC-AA       | 1       |  |  |  |  |  |
| С    | RETURN/<br>EXHAUST        | ALUMINUM | *     | OBD         | **     | TITUS 4FL          | 1       |  |  |  |  |  |

|       |                                                    | -                                         |                          |                |                               |   |                  |                  |
|-------|----------------------------------------------------|-------------------------------------------|--------------------------|----------------|-------------------------------|---|------------------|------------------|
| GENER | AL NOTE:                                           |                                           |                          |                |                               |   | DIFFUSER LEGEN   | <u>ID</u>        |
| 2. PR | JS IS THE BASI<br>OVIDE LOCKABLE<br>OVIDE 24X24 PA |                                           | ND THE STA               | NDARD FOR CO   | MPARISON.                     | - | DEVICE<br>TYPE - |                  |
| 4. CO | ORDINATE CEILIN                                    | ANEL.<br>NG MOUNTING AF<br>EILING TYPES W | PPROACH AN<br>ITH MANUFA | ID PROVIDE REC | QUIRED HARDWAR<br>MENDATIONS. |   | DIFF. A 300      | AIR<br>—— VOLUME |

| GENERAL NOTE:                                                                                                                                                                                                                                                                                    | DIFFUSER LEGEND                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| <ol> <li>TITUS IS THE BASIS OF DESIGN AND THE STANDARD FOR COMPARISON.</li> <li>PROVIDE LOCKABLE TYPE O.B.O.</li> <li>PROVIDE 24X24 PANEL.</li> <li>COORDINATE CEILING MOUNTING APPROACH AND PROVIDE REQUIRED HARDWARE FOR DIFFERENT CEILING TYPES WITH MANUFACTURES RECOMMENDATIONS.</li> </ol> | DEVICE TYPE  A  AIR  VOLUME (CFM) |
| <ul><li>* REFER TO ARCH'S PLANS FOR CEILING/WALL TYPE.</li><li>** OFF WHITE FINISH (SUBJECT TO ARCHITECTS APPROVAL).</li></ul>                                                                                                                                                                   |                                   |

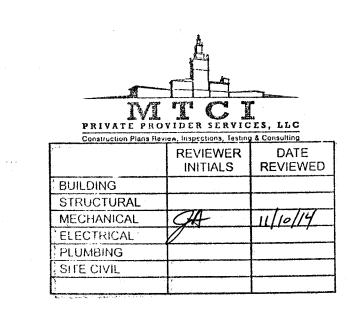
|                             |                |                          |              | SPL                          | IT SYSTI            | EM VERT        | ICAL IND    | OOR UN       | IT SCHE      | DULE         |              |          |        |         |                 |                |
|-----------------------------|----------------|--------------------------|--------------|------------------------------|---------------------|----------------|-------------|--------------|--------------|--------------|--------------|----------|--------|---------|-----------------|----------------|
| MARK<br>(MOUNTING)          | SELECTION MAKE | N BASED ON:<br>MODEL NO. | ELECTRICAL   | COOLING<br>CAPACITY<br>BTU/H | HEATER<br>KW<br>MOP | AIRFLOW<br>CFM | MOTOR<br>HP | MOTOR<br>RPM | MOTOR<br>FLA | MOTOR<br>LRA | MOTOR<br>MCA | MOP<br>A | WEIGHT | REFRIG. | SUCTION<br>LINE | LIQUID<br>LINE |
| AHU-5 (7.5 TON)<br>VERTICAL | DAIKIN         | DAR0904A                 | 208-230/3/60 |                              | 15<br>50            | 3000           | 1.5         | _            | 5.2          | 35           | 6.5          | 15       | 405    | R-410A  | 1-1/8"          | 5/8"           |
|                             |                |                          |              |                              |                     |                |             |              |              |              |              |          |        |         |                 |                |
|                             |                |                          |              |                              |                     |                |             |              |              |              |              |          |        |         |                 |                |

| MARK<br>(AHU) | SELECTIO<br>MAKE | N BASED ON:  MODEL NO. | ELECTRICAL   | EER<br>SEER  | COOLING CAPACITY BTU/H | HEATING<br>CAPACITY<br>BTU/H | COMPRESSOR<br>RLA<br>A | FAN<br>FLA<br>A | FAN<br>HP | REFRIG. | SUCTION<br>LINE | LIQUID<br>LINE | DIMENSIONS (HxWxD) | WEIGHT | MCA<br>A | MOP<br>A |
|---------------|------------------|------------------------|--------------|--------------|------------------------|------------------------------|------------------------|-----------------|-----------|---------|-----------------|----------------|--------------------|--------|----------|----------|
| CU-5          | DAIKIN           | DX115A                 | 208-230/3/60 | 11.2<br>11.5 | 90,000                 |                              | 25.0                   | 5.6             | 1.0       | R-410A  | 1-3/8"          | 5/8"           | 36X36X37           | 315    | 36.9     | 60       |
|               |                  |                        |              |              |                        |                              |                        |                 |           |         |                 |                |                    |        |          |          |
|               | <u> </u>         |                        | <del></del>  |              |                        |                              |                        |                 |           |         | <u>.</u>        |                |                    |        |          |          |

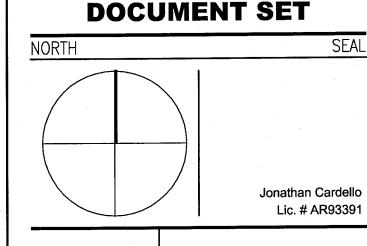
HADDON HALL 1500 COLLINS AVE

MIAMI BEACH, FL

| REVISION IN THE REVISION IN TH | ONS                   |            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------|
| NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | DESCRIPTION           | ISSUE DATE |
| $\Lambda$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | PROGRESS 100% CD SET  | 02-18-14   |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | COORDINATION REVISION | 03-14-14   |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | KITCHEN RELOCATION    | 05-30-14   |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | FIRE & MTCI COMMENTS  | 08-21-14   |
| :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |            |



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13036.00 JOB NUMBER: CHECKED BY: ISSUE DATE: MARCH 14, 2014 AS NOTED

MECHANICAL SCHEDULES

SHEET NUMBER

FLORIDA P.E. Reg. # 22046

Certificate of Authorization # 00003427

500 N.E. THIRD AVENUE

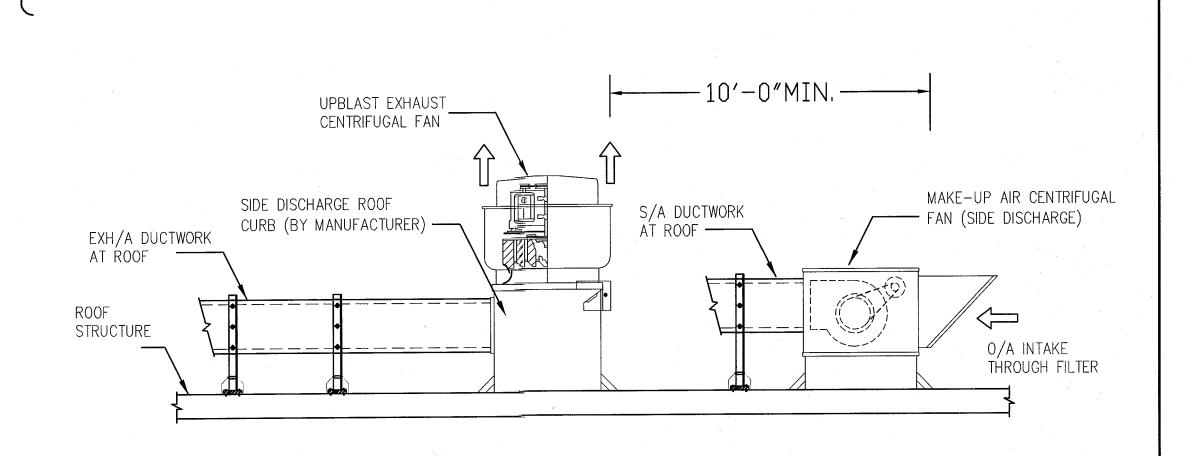
FORT LAUDERDALE, FLORIDA 33301

PH: 954.467.1402 FAX: 954.467.5752

e-mail: fellerpe@fellerpe.com

JOB # 13153

TO W.



KITCHEN EXHAUST / SUPPLY FAN DETAIL

## U.L. LISTED RECESSED INCANDESCENT LIGHT (LITE12X12) 1" LAYER OF INSULATION FACTORY INSTALLED IN 3.00" END STANDOFF MEETS 0" REQUIREMENTS CLEARANCE TO COMBUSTIBLE SURFACES. 13'-8 7/8" 19'-4 9/16" 13'-5 15/16" 26'-0 1/16" 26'-0 1/16" 13'-5 15/16" 13'-5 15/16"

20" CAPTRATE SOLO
FILTER WITH HOOK

3" INTERNAL STANDOFF

IT IS THE RESPONSIBILITY
OF THE ARCHITECT/OWNER TO
ENSURE THAT THE HOOD CLEARANCE
FROM LIMITED—COMBUSTIBLE
AND COMBUSTIBLE MATERIALS
IS IN COMPLIANCE WITH
LOCAL CODE REQUIREMENTS.

GREASE DRAIN
WITH REMOVABLE CUP

EXHAUST RISER -

HANGING ANGLE -

PLAN VIEW - Hood

HOOD VENTILATION DETAILS

SECTION

RECESSED INCANDESCENT LIGHT (LITE12X12)

SUPPLY RISER WITH VOLUME DAMPER

FINISHED CEILING @ \_\_\_\_102" AFF (VERIFY)

23.5% OPEN STAINLESS STEEL PERFORATED PANEL

| KITCHEN AIR BALANCE SCHEDULE |                    |                   |                   |                |                   |  |  |  |  |  |
|------------------------------|--------------------|-------------------|-------------------|----------------|-------------------|--|--|--|--|--|
| DESCRIPTION                  | EXHAUST AIR<br>CFM | SUPPLY AIR<br>CFM | RETURN AIR<br>CFM | O/A AIR<br>CFM | PRESS DIFF<br>CFM |  |  |  |  |  |
| HEAT / COOL AC UNIT          | <u> </u>           | +1200             | -900              | +300           | +300              |  |  |  |  |  |
| HOOD EXHAUST FAN             | -3896              |                   | <u>-</u>          | . —            | -3896             |  |  |  |  |  |
| MUA SUPPLY FAN               | _                  | <del>-</del>      | _                 | +2532          | +2532             |  |  |  |  |  |
| DISHWASHER EXHAUST           | _                  | <del>-</del>      | <del>-</del>      | <u> </u>       | <del></del>       |  |  |  |  |  |
| VENTILATION                  | <del>-</del>       |                   | <del>_</del>      | +800           | +800              |  |  |  |  |  |
| TOTAL                        |                    |                   |                   |                | -264              |  |  |  |  |  |

| PERF        | ORATE | D SUPP | LY PLEN | IUM(S)       |        |      |       |       |        |     |        |
|-------------|-------|--------|---------|--------------|--------|------|-------|-------|--------|-----|--------|
|             |       |        |         |              |        |      |       | R     | ISER(S | )   |        |
| HOOD<br>NO. | TAG   | POS.   | LENGTH  | NGTH WIDTH H | HEIGHT | TYPE | WIDTH | LENG. | DIA.   | CFM | S.P.   |
| 2           | 122   | FRONT  | 161"    | 16"          | 6"     | MUA  | 12"   | 28"   |        | 784 | 0.229" |
|             |       |        | * .     |              |        | MUA  | 12"   | 28"   | •      | 784 | 0.229" |
|             |       |        |         |              |        | MUA  | 12"   | 28"   |        | 784 | 0.229" |

| H00[        | OPTI | ONS   |                         |    |      |     |      |           |  |
|-------------|------|-------|-------------------------|----|------|-----|------|-----------|--|
| HOOD<br>NO. | TAG  |       | OPTION                  |    |      |     | ·    |           |  |
| 2           | 122  | LEFT  | END STANDOFF (FINISHED) | 3" | WIDE | 60" | LONG | INSULATED |  |
|             |      | STRUC | TURAL FRONT PANEL       |    |      |     |      |           |  |

|     | FILTER(:             | S)   |        |           |               | LIGHT(S) |                           | FIRE                                         | HOOD                                 |
|-----|----------------------|------|--------|-----------|---------------|----------|---------------------------|----------------------------------------------|--------------------------------------|
| TAG | TYPE                 | QTY. | HEIGHT | LENGTH    | QTY.          | TYPE     |                           | SYSTEM                                       |                                      |
| 109 |                      |      |        |           | 0             | RECESSED |                           | NO                                           | 346<br>LBS                           |
| 400 | CARTRATE COLO EU TER | 9    | 20"    | 16"       | 4             |          | NO                        | VES                                          | 744<br>LBS                           |
|     |                      | 109  | 109    | 109 9 20° | 109 9 20" 16" | 109      | 109 0 RECESSED  9 20" 16" | 109   Q17. HEIGHT LENGTH Q17.   TTPE   GUARD | 109   GUARD PIPING   O RECESSED   NO |

| · 1  |       |            |           | MAX.<br>COOKING | EXHAUST PLENUM |          |       |      |      | TOTAL   |        | HOOD C       | CONFIG. |        |
|------|-------|------------|-----------|-----------------|----------------|----------|-------|------|------|---------|--------|--------------|---------|--------|
| HOOD | TAG   | MODEL      | LENGTH    |                 | G TOTAL        | RISER(S) |       |      |      |         | SUPPLY | HOOD         | END TO  |        |
| NO.  | 146   | MODEL      | LLINOIII  |                 | EXH. CFM       | WIDTH    | LENG. | DIA. | CFM  | S.P.    | CFM    | CONSTRUCTION | END     | ROW    |
|      | 4.0.0 | 4224       | 3' 6.00"  | 700 Dec         | 505            | 9"       | 9"    |      | 525  | -0.068" |        | 304 SS       | ALONE   | AL ONE |
| 1    | 109   | VHB-G      |           | 700 Deg.        | 525            |          |       |      |      | :<br>:  | 0      | 100%         | ALONE   | ALONE  |
|      |       | 6024       | 13' 2.00" | 600 D           | 7004           | 10"      | 17"   |      | 1810 | -0.677" | 0750   | 304 SS       | ALONE   | AL ONE |
| 2    | 122   | ND-2-PSP-F |           | 600 Deg.        | Deg. 3621      |          | 17"   |      | 1810 | -0.677* | 2352   | 100%         | ALONE   | ALON   |

| KITCHEN FAN SCHEDULE |           |             |                     |                         |      |       |           |      |        |              |        |       |                       |                 |                |         |
|----------------------|-----------|-------------|---------------------|-------------------------|------|-------|-----------|------|--------|--------------|--------|-------|-----------------------|-----------------|----------------|---------|
| MARK                 | MAKE      | SELECTION E | BASED ON:<br>TYPE   | EXT. STATIC<br>PRESSURE | CFM  | HP    | VOLT/ø/HZ | RPM  | DRIVE  | CONTROL      | WEIGHT | SONES | SERVICE AREA          | WALL<br>OPENING | EMER.<br>POWER | REMARKS |
| KEF-1                | GREENHECK | CUBE 180-15 | UPBLAST CENTRIFUGAL | 1.0                     | 3621 | 1-1/2 | 208/3/60  | 1725 | BELT   | _            | 197    | 18.4  | CAMPTON KITCHEN       |                 | NO             | 1, 2, 3 |
| KSF-1                | GREENHECK | MSX-109-H12 | CENTRIFUGAL         | 0.5                     | 2352 | 1-1/2 | 208/3/60  | 1725 | BELT   | -            | 528    | 23    | CAMPTON KITCHEN       | _               | NO             | 1, 2, 3 |
| KSF-2                | GREENHECK | SQ 95       | IN-LINE             | 0.2                     | 800  | 1/8   | 120/1/60  | 1550 | DIRECT | -            | 41     | 23    | CAMPTON KITCHEN       | -               | NO             | 1, 2, 3 |
| KEF-2                | GREENHECK | SQ 90       | IN-LINE             | 0.4                     | 579  | 1/10  | 120/1/60  | 1550 | DIRECT | <del>-</del> | 41     | 23    | CAMPTON KITCHEN PREP. | _               | NO             | 1, 2, 3 |

| ASH | HRAE STANDARD 62.1-2004 OUTSIDE AIR CALCULATION |
|-----|-------------------------------------------------|
|     | Voz=[(Rp x Pz)+(Ra x Az)]/Ez                    |

| VENTILATION ZONE                  | UNIT # | Rp<br>OUTDOOR AIR<br>RATE PER PERSON | Pz<br>QUANTITY AIR<br>RATE PEOPLE | Vbzp<br>VENTILATION<br>BASED ON PEOPLE | Ra<br>□UTD□□R AIR<br>RATE BASED □N<br>AREA | Az<br>AREA | Vbza<br>VENTILATION<br>BASED ON AREA | Vbz<br>TOTAL<br>VENTILATION<br>RATE | Ez<br>ZONE AIR<br>DISTRIBUTION EFF | Voz<br>ZDNE<br>D/A=Vbz/Ez | PR□VIDED CFM |
|-----------------------------------|--------|--------------------------------------|-----------------------------------|----------------------------------------|--------------------------------------------|------------|--------------------------------------|-------------------------------------|------------------------------------|---------------------------|--------------|
| BAR/COFFEE &<br>SEAT LOUNGE (A/2) | AHU-5  | 7.5                                  | 22                                | 165                                    | 0.18                                       | 1993       | 358.74                               | 523.74                              | 1                                  | 523.74                    | 525          |
| GYM                               | AHU-C  | 0                                    | 6                                 | 0                                      | 0.3                                        | 335        | 106.5                                | 106.5                               | 1                                  | 106.5                     | 110          |
| KITCHEN                           | RTU-1  | 7.5                                  | 4                                 | 30                                     | 0.12                                       | 250        | 106.5                                | 106.5                               | 1                                  | 106.5                     | 300          |
| FRONT OFFICE                      | AHU-E  | 5                                    | 1                                 | 5                                      | 0.06                                       | 160        | 10                                   | 15                                  |                                    | 15<br>~ ^ ^ ^ ^ ^ _       | 15           |

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PH: 954.467.1402 FAX: 954.467.5752
e-mail: fellerpe@fellerpe.com
JOB # 13153

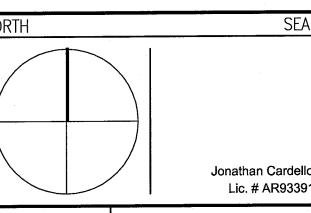
HADDON HALL 1500 COLLINS AVE MIAMI BEACH, FL

KEYPLAN ・。N.J.S.

| REVISIO | DNS                    |            |
|---------|------------------------|------------|
| NO.     | DESCRIPTION            | ISSUE DATE |
| 1       | PROGRESS 100% CD SET   | 02-18-14   |
| 2       | PERMIT REVIEW COMMENTS | 03-14-14   |
| 9       | KITCHEN RELOCATION     | 05-30-14   |
| 12      | FIRE & MTCI COMMENTS   | 08-21-14   |
|         |                        |            |
|         |                        |            |
|         |                        |            |
|         |                        |            |
|         |                        |            |
|         |                        |            |
|         |                        |            |
|         |                        |            |

| PRIVATE PROVIDER SERVICES, LLC Construction Plans Review, Inspections, Testing & Consulting |                      |                  |  |  |  |  |  |  |  |  |
|---------------------------------------------------------------------------------------------|----------------------|------------------|--|--|--|--|--|--|--|--|
|                                                                                             | REVIEWER<br>INITIALS | DATE<br>REVIEWED |  |  |  |  |  |  |  |  |
| BUILDING                                                                                    |                      |                  |  |  |  |  |  |  |  |  |
| SIRUCTURAL                                                                                  |                      |                  |  |  |  |  |  |  |  |  |
| MECHANICAL                                                                                  | AA-                  | 11/10/14         |  |  |  |  |  |  |  |  |
| ELECTRICAL                                                                                  | 1"                   |                  |  |  |  |  |  |  |  |  |
| PLUMBING.                                                                                   |                      | ·                |  |  |  |  |  |  |  |  |
| SITE CIVIL                                                                                  |                      |                  |  |  |  |  |  |  |  |  |
|                                                                                             |                      |                  |  |  |  |  |  |  |  |  |

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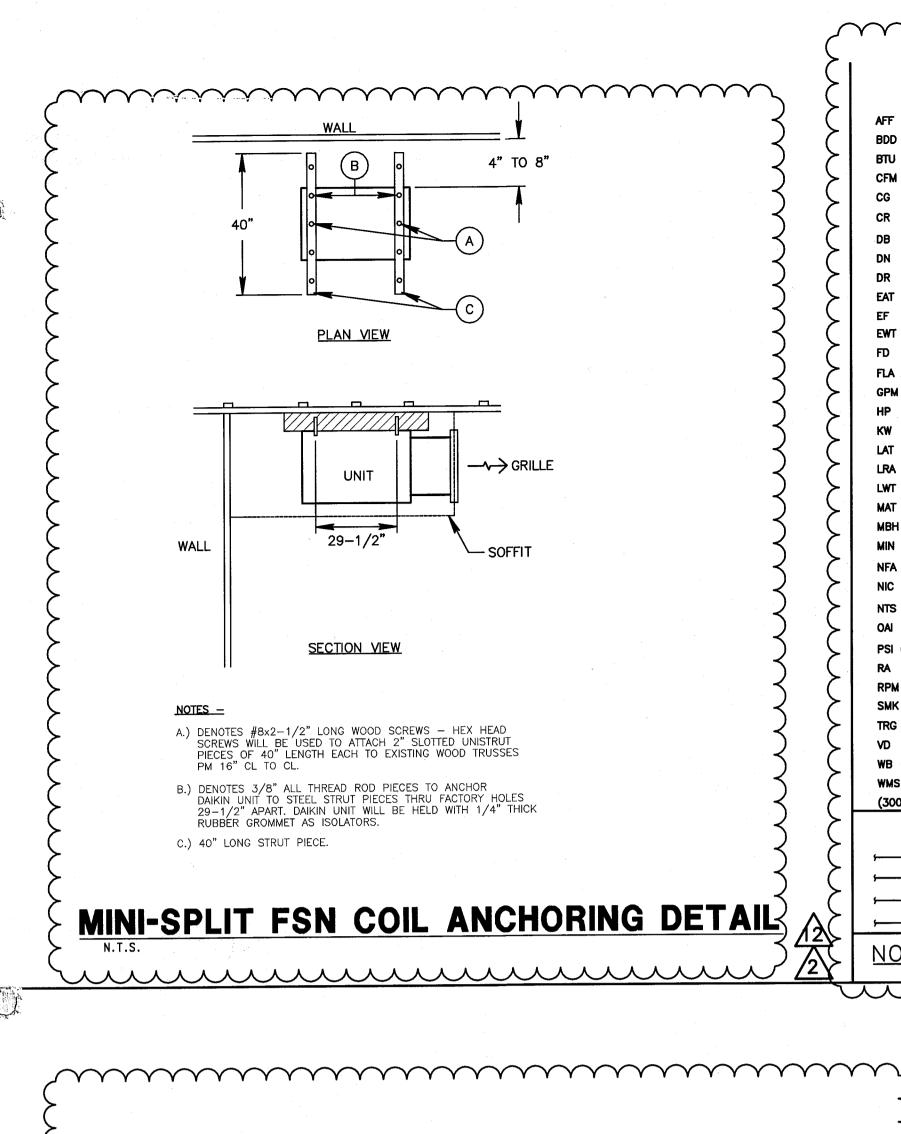
JOB NUMBER: 13036.00
CHECKED BY:
ISSUE DATE: MARCH 14, 2014
SCALE: AS NOTED

SHEET TITLE

MECHANICAL SCHEDULES

SHEET NUMBER

M5.02



MINIMUM 3/4" INSULATED COPPER

CONDENSATE DRAIN TRAP DETAIL

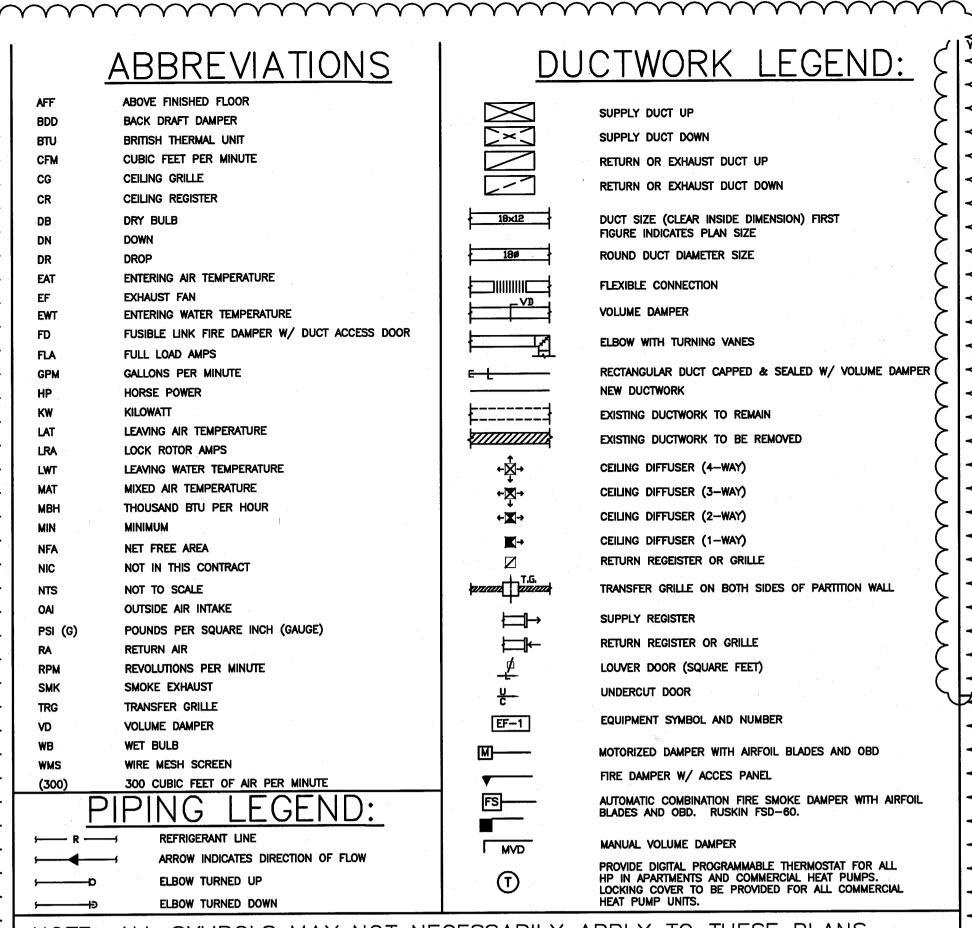
DRAIN PAN

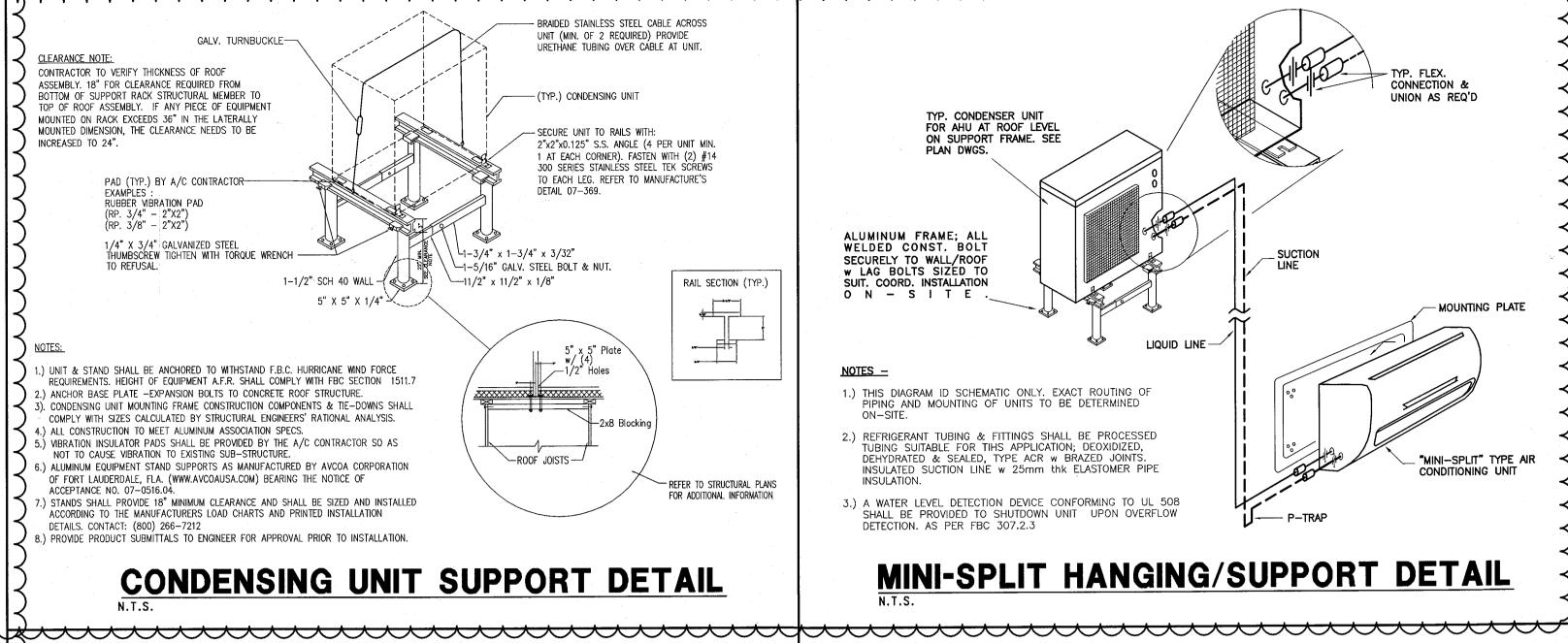
Y=MIN. OF 1" + UNIT STATIC PRESSURE TOTAL HEIGHT =  $X+Y+(1-1/2"xPIPE \phi)$ 

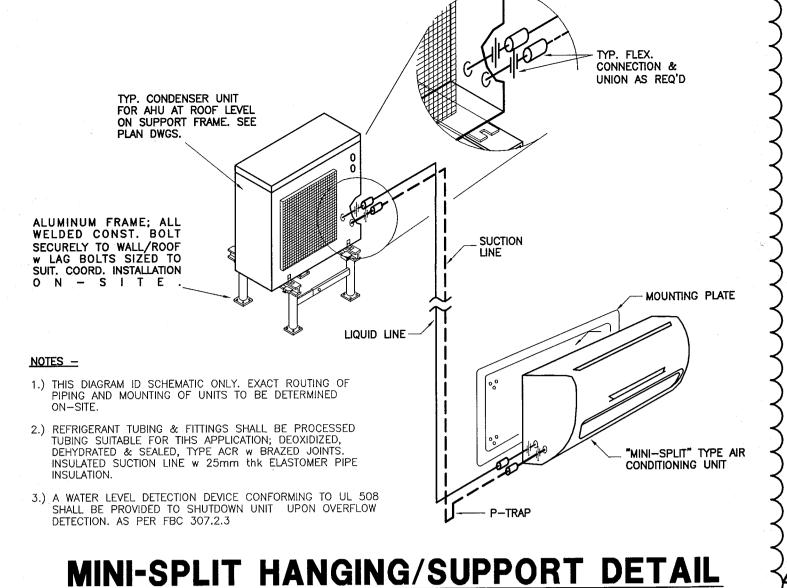
DRAW-THRU UNIT

CONDENSATE PIPING —

SLOPE **TOWARDS** 







1. SHOE TAP SHOULD BE SIZED TO PROVIDE A MINIMUM OF 140% LARGER OPENING THAN ROUND DUCT SIZE.

TYPICAL FLEX. DUCT

**CONNECTION DETAIL** 

ROUND NON SEAMED

GALV. DUCTWORK \_\_\_

SPEED CONTROL

(SOLID STATE) WHERE SCHEDULED

CONDITIONED SUPPLY AIR DUCTWORK SHALL BE DOUBLE WALL INSULATED DUCT. UNITED SHEET METAL K-27,

STEVEN FELLER P.F., FLORIDA P.E. Reg. # 22046

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R-8 MINIMUM INSULATION OR

VOLUME DAMPER-

45' SHOETAP W/ TRANSITION-TO ROUND. INSULATE

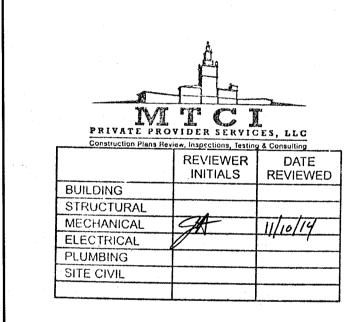
DISCHARGE

STAIR PRESSURIZATION DUCT WORK

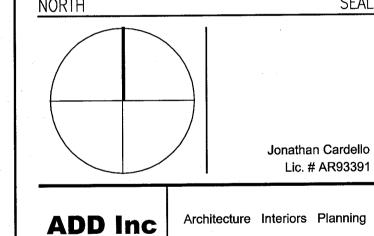
## HADDON HALL 1500 COLLINS AVE MIAMI BEACH, FL

KEYPLAN

| NO. | DESCRIPTION            | ISSUE DATE |
|-----|------------------------|------------|
| 1   | PROGRESS 100% CD SET   | 02-18-14   |
| 2   | PERMIT REVIEW COMMENTS | 03-14-14   |
| 3   | COORDINATION REVISION  | 03-14-14   |
| 12  | FIRE & MTCI COMMENTS   | 08-21-14   |
|     |                        |            |
|     |                        |            |
|     |                        |            |
|     |                        |            |
|     |                        |            |
|     |                        |            |







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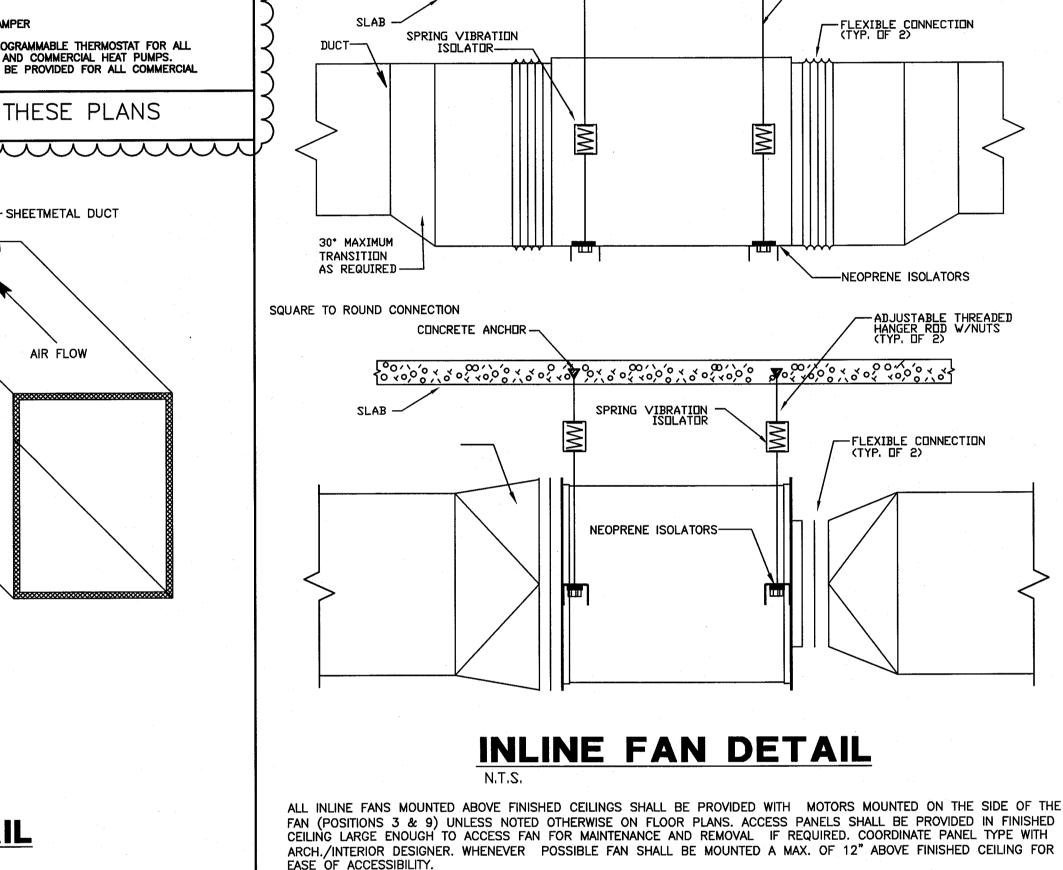
13036.00 MARCH 14, 2014 ISSUE DATE: AS NOTED SHEET TITLE

> **MECHANICAL DETAILS**

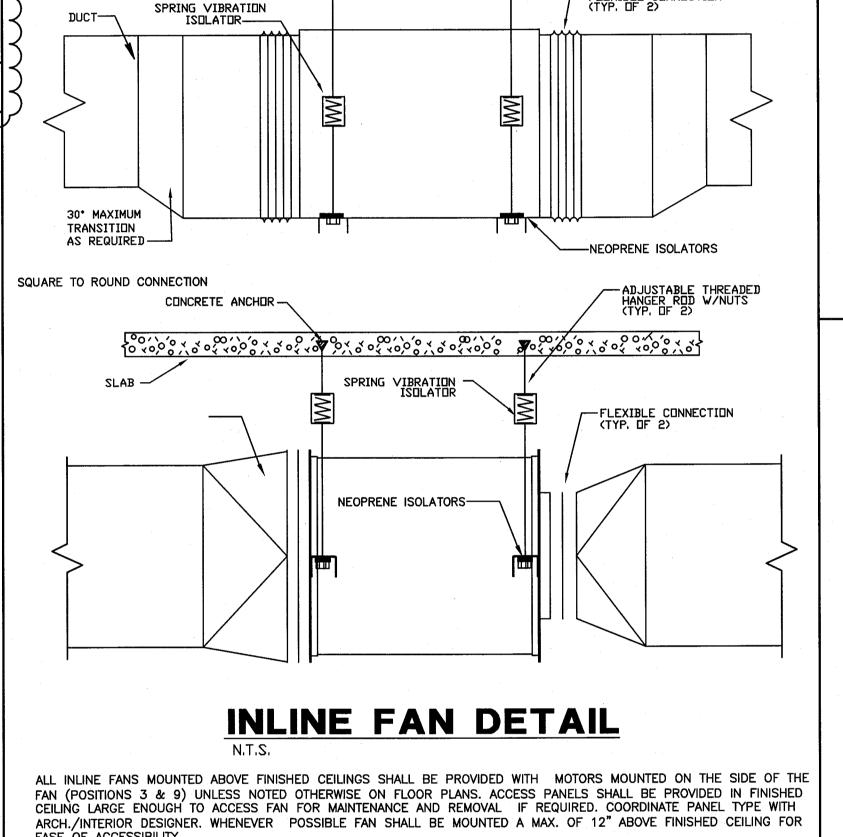
SHEET NUMBER M6.01

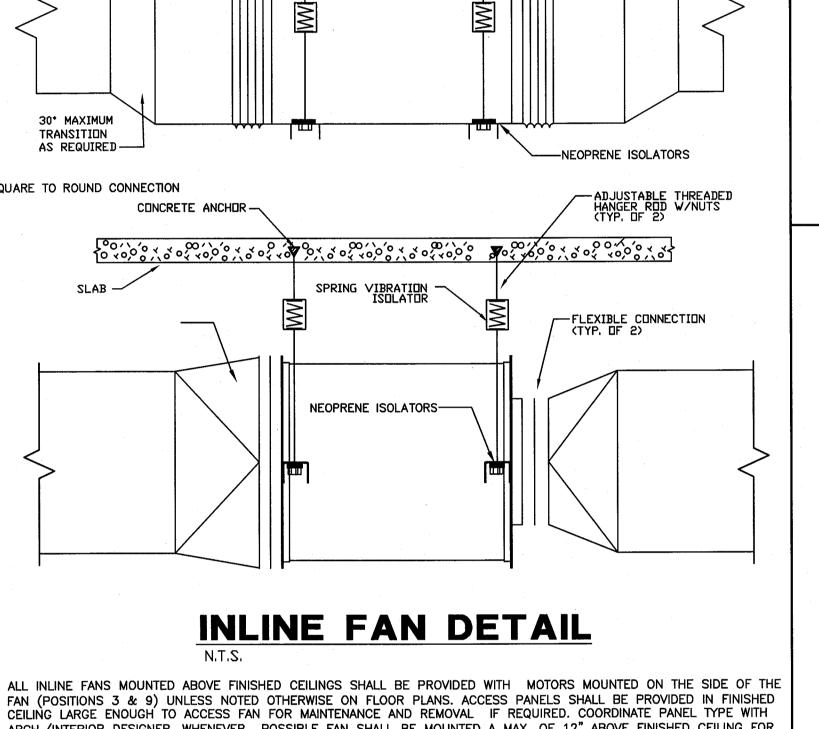
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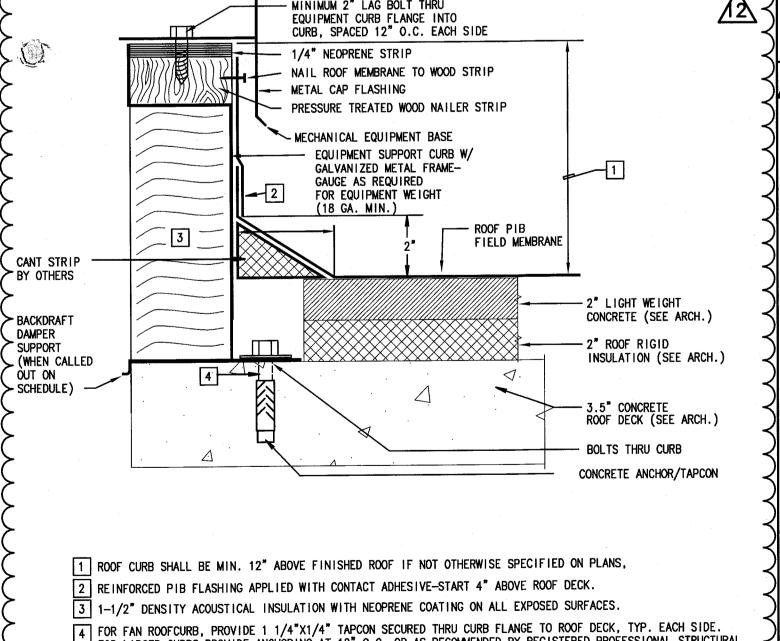
SHEETMETAL DUCT - COUNTERSUNK SCREW 45° SHOETAP AIR FLOW 1/2" FIBERGLASS LINER MANVILLE PÉRMACOTE LINACOUSTIC" - DUCT LIP FOR REGISTER MOUNTING SUPPLY AIR REGISTER - SEE PLANS FOR SIZE AND TYPE SECTION A-A SIDE REGISTER DETAIL



CONCRETE ANCHOR -

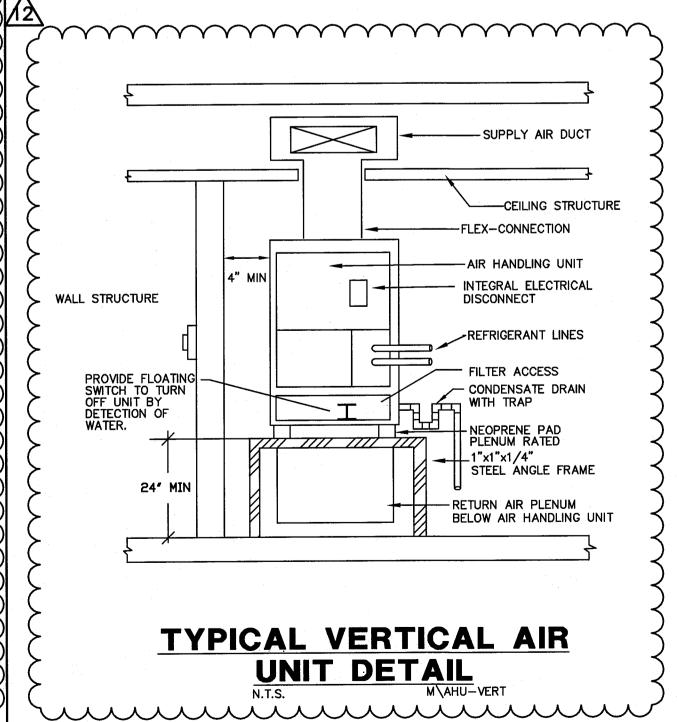


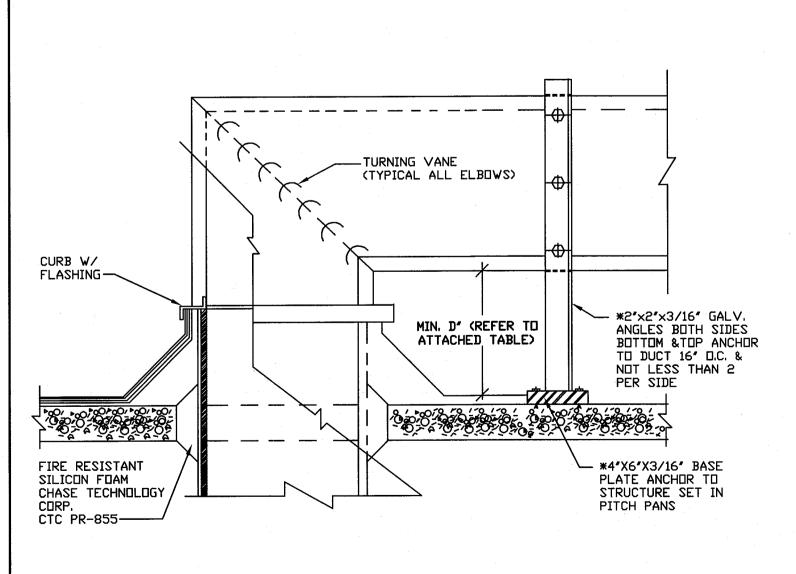


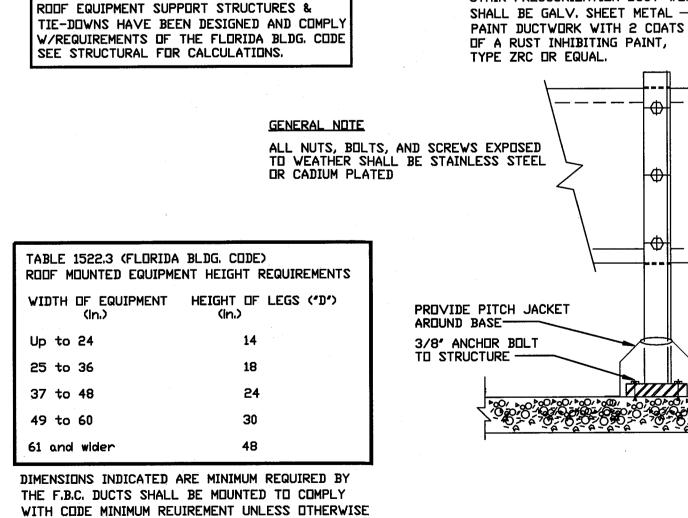


FOR LARGER CURBS PROVIDE ANCHORING AT 18" O.C. OR AS RECOMMENDED BY REGISTERED PROFESSIONAL STRUCTURAL ENGINEER FOR A/C UNIT ROOFCURB, PROVIDE 3/8"X2-3/4" "RED HEAD" WEDGE TYPE ANCHOR WITH MIN. EMBEDMENT AS RECOMMENDED BY MANUFACTURER. FOR LARGER CURBS PROVIDE ANCHORING AT 18" O.C. OR AS RECOMMENDED

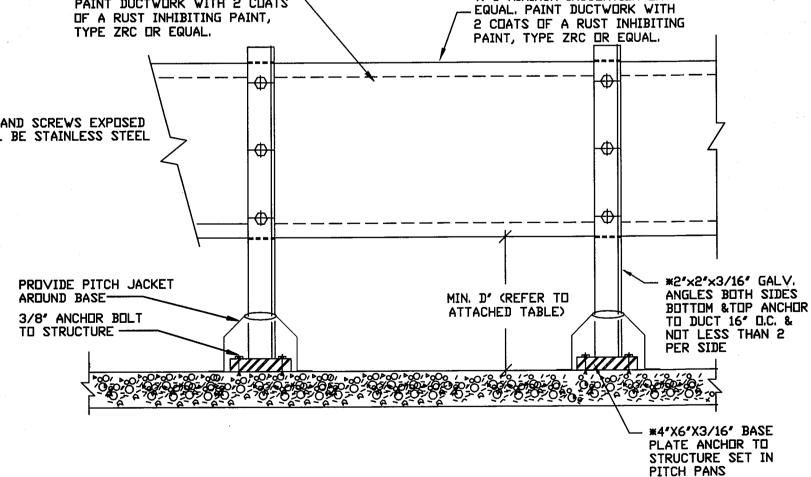
EQUIPMENT SUPPORT CURB DETAIL







- ADJUSTABLE THREADED HANGER ROD W/NUTS (TYP. DF 2)



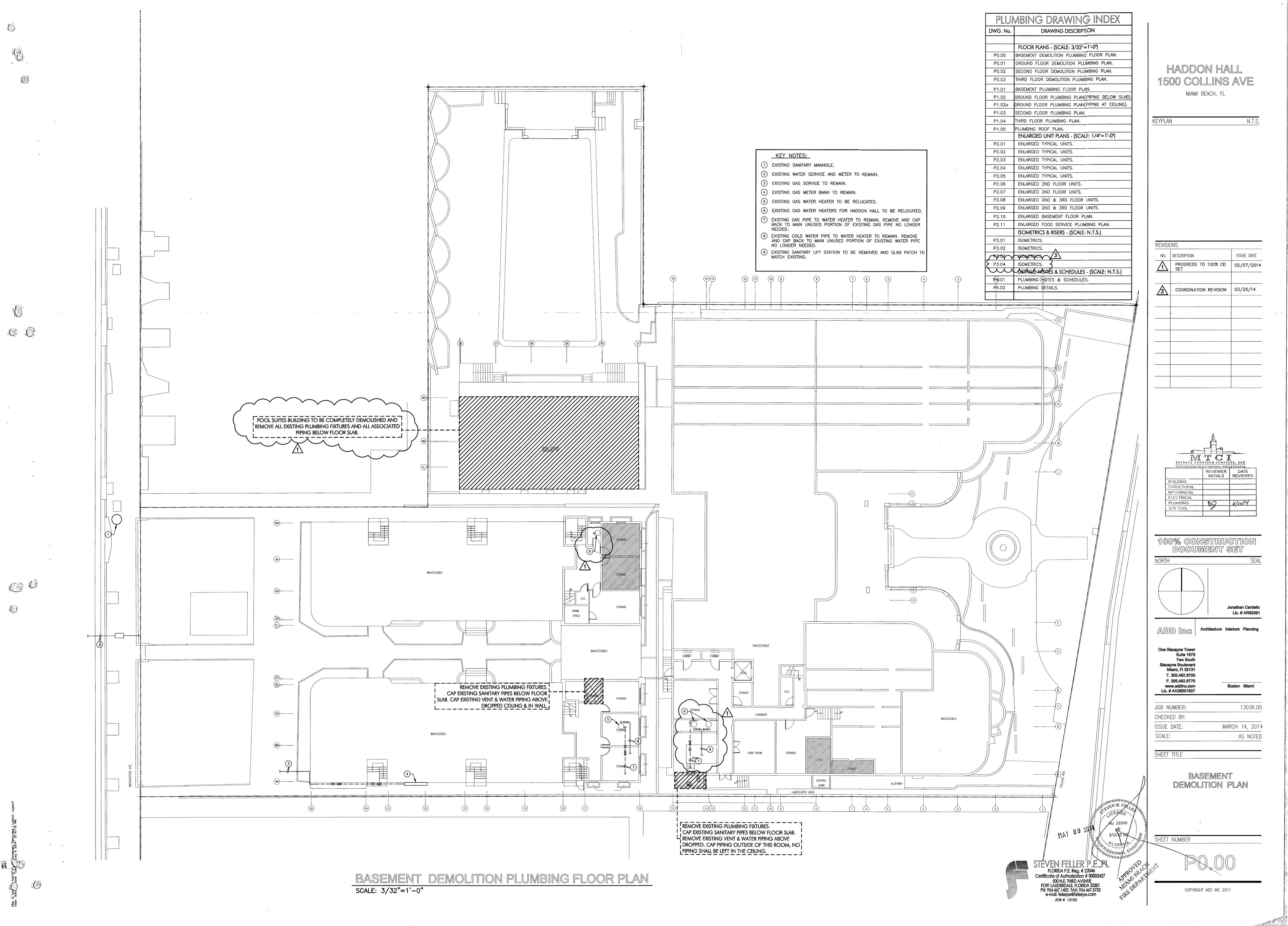
CEILING MOUNTED FAN DETAIL

ROOF MOUNTED DUCT SUPPORT & PENETRATION DETAILS \* VERIFY SIZES WITH STRUCTURAL ENGINEER

NOTED ON FLOOR PLAN.

MECHANICAL DETAILS

SCALE: NTS



POOL POOL SUITES BUILDING TO BE COMPLETELY DEMOLISHED AND REMOVE ALL EXISTING PLUMBING FIXTURES AND ALL ASSOCIATED REMOVE ALL EXISTING PLUMBING FIXTURES & ALL! ASSOCIATED PIPING TO FIXTURES. CAP EXISTING SANITARY PIPES BELOW FLOOR SLAB. CAP EXISTING VENT & WATER PIPING ABOVE & CAP ALL BRANCH PIPING FOR FUTURE USE. REMOVE EXISTING LAVATORIES & WATER CLOSETS. RECONNECTION TO NEW LAVATORY & WATER CLOSET FIXTURES. EXISTING TUB FIXTURE TO REFINISHED, COORDINATE WITH OWNER. (CONTRACTOR / G.C. / OWNER WILL INSPECT EXISTING PIPING ON CONDITION PRIOR TO REINSTALLING NEW FIXTURES) REMOVE EXISTING LAVATORIES, WATER CLOSETS AND TUBS. ALL ASSOCIATED PIPING WILL REMAIN CAMPTON APARTMENTS INSPECT EXISTING PIPING ON CONDITION PRIOR TO REINSTALLING NEW FIXTURES) REVIEWER DATE
INITIALS REVIEWED ————(A) 12 11 10 9 7 6 5

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NO. DESCRIPTION ISSUE DATE

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JOB NUMBER: 13036.00

CHECKED BY:

ISSUE DATE: MARCH 14, 2014

SCALE: AS NOTED

SHEET TITLE

GROUND FLOOR DEMOLITION PLAN

SHEET NUMBER

FLORIDA P.E. Reg. # 22046
Certificate of Authorization # 00003427
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FORT LAUDERDALE, FLORIDA 33301
PH: 954.467.1402 FAX: 954.467.5752
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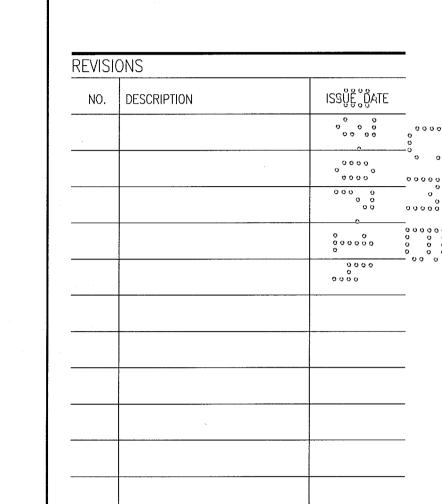
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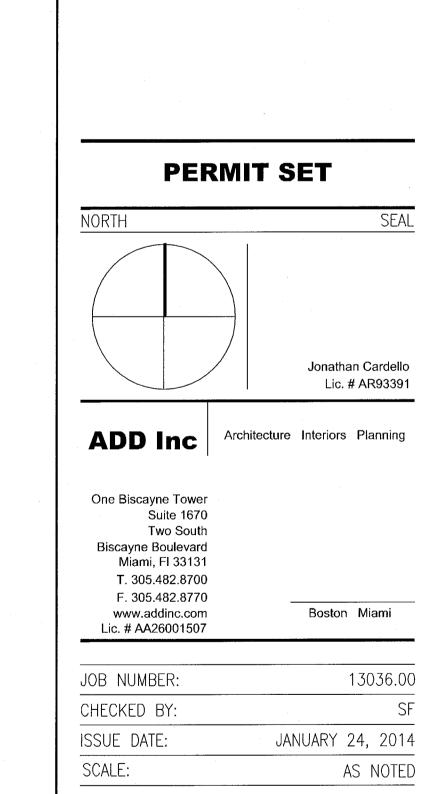
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GROUND FLOOR DEMOLITION PLUMBING PLAN
SCALE: 3/32"=1'-0"

HADDON HALL 1500 COLLINS AVE MIAMI BEACH, FL

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SECOND FLOOR DEMOLITION PLAN

SHEET NUMBER

STEVEN FELLER P.E., PL

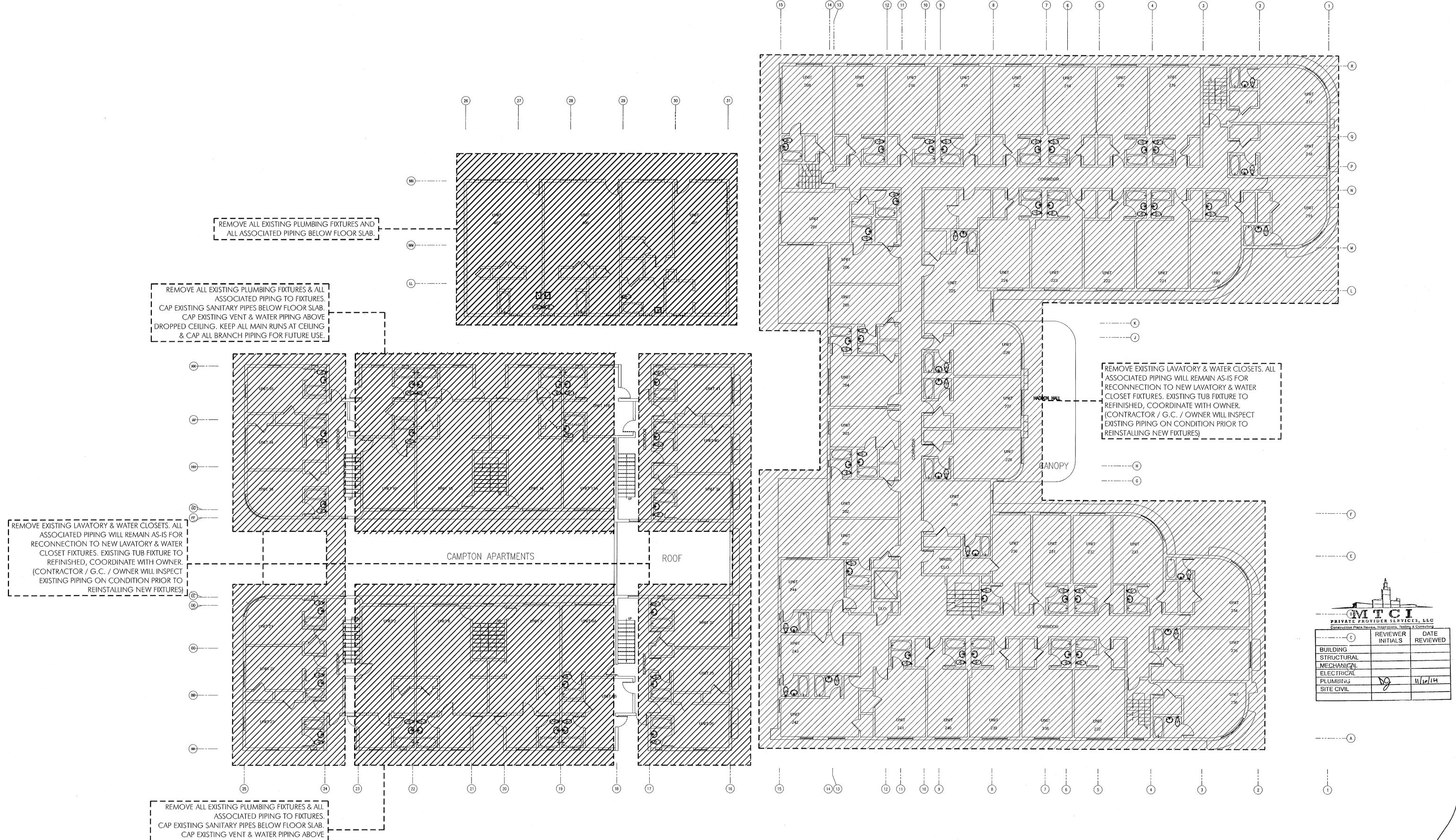
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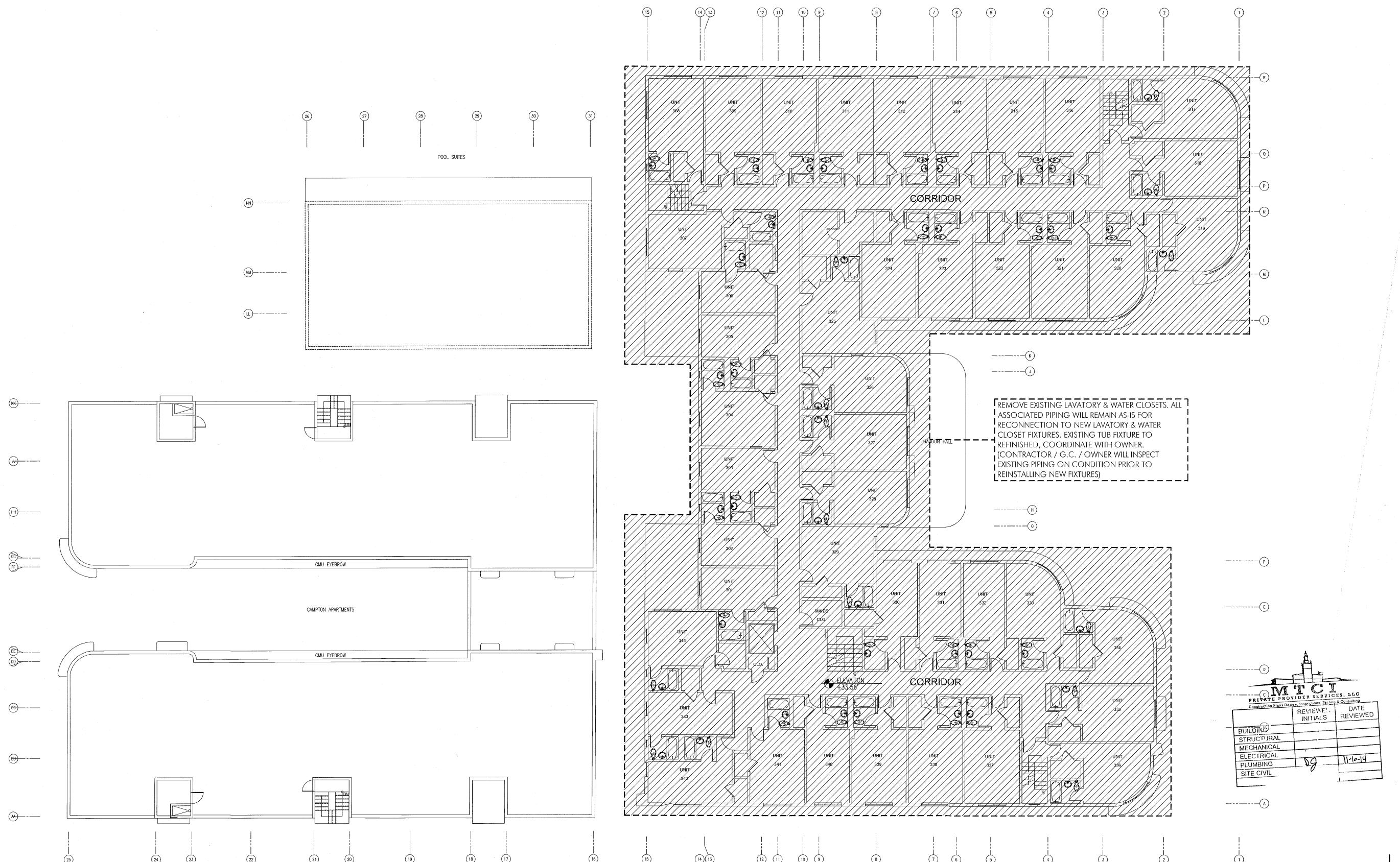
DROPPED CEILING. KEEP ALL MAIN RUNS AT CEILING

& CAP ALL BRANCH PIPING FOR FUTURE USE.

## HADDON HALL 1500 COLLINS AVE

MIAMI BEACH, FL

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REVISIONS

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ISSUE DATE: JANUARY 24, 2014

SCALE: AS NOTED

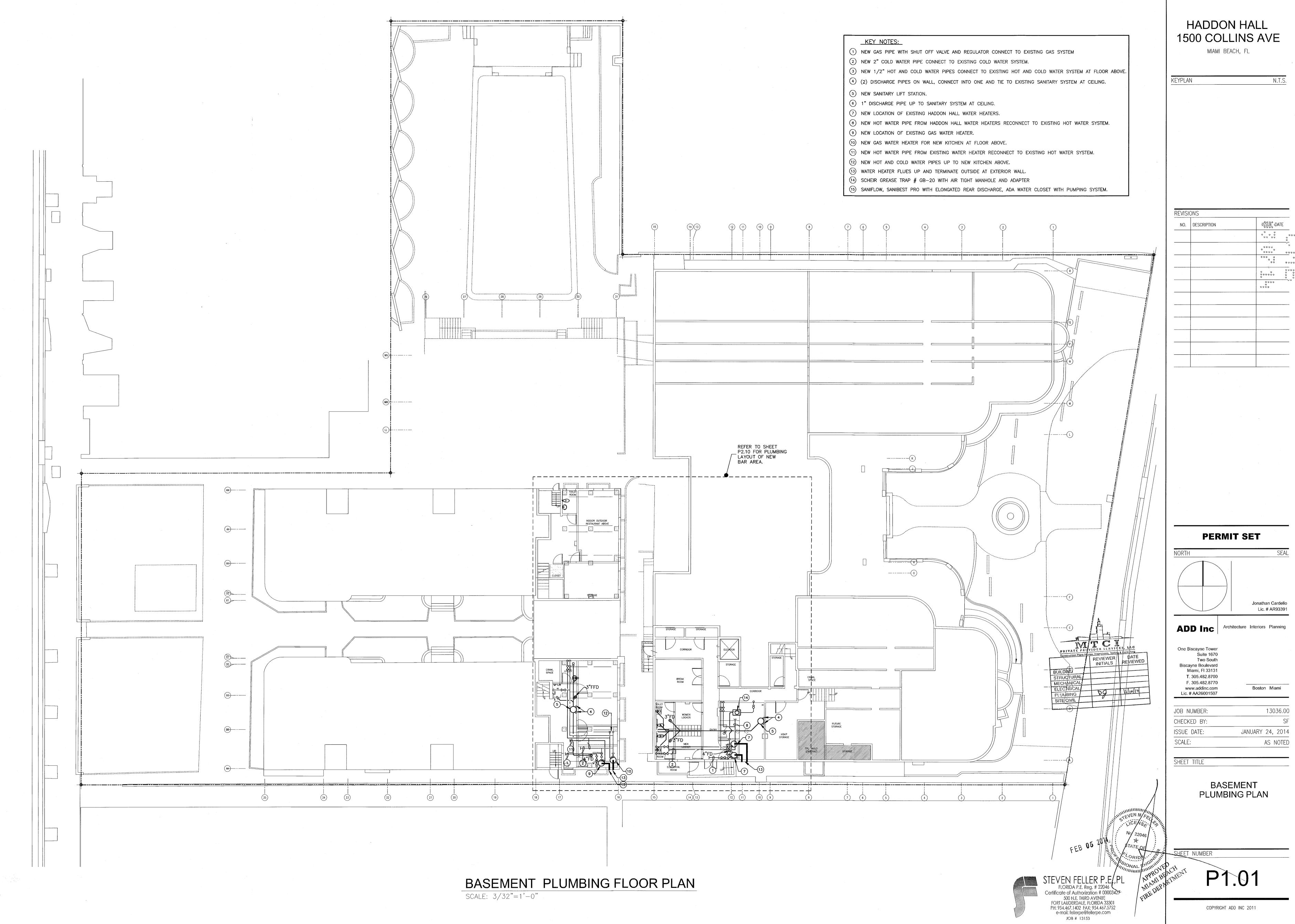
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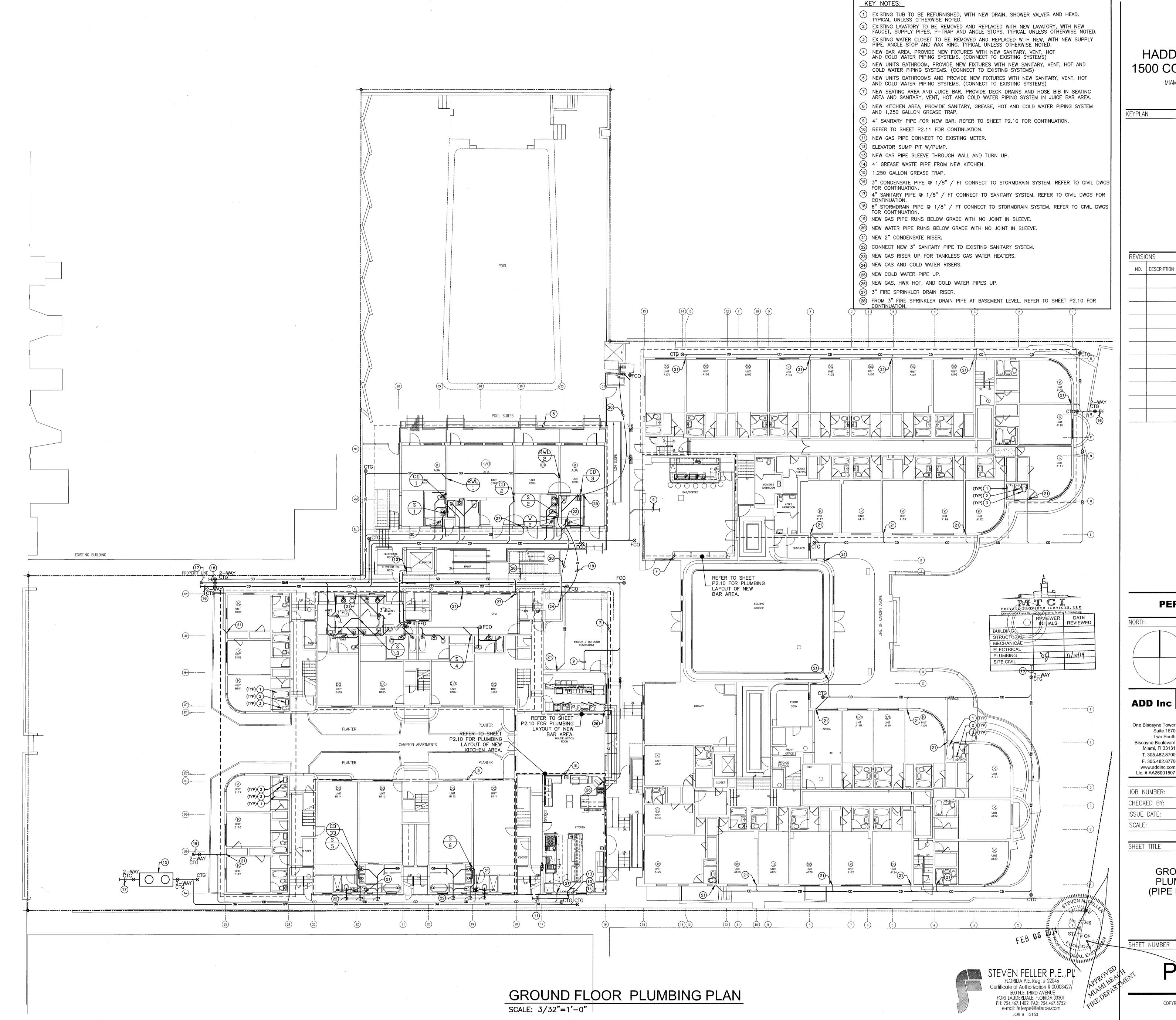
SHEET NUMBER

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Certificate of Authorization # 00003427
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e-mail: fellerpe@fellerpe.com
JOB # 13153

THIRD FLOOR DEMOLITION PLAN

P0.03





SCALE: 3/32"=1'-0"

HADDON HALL 1500 COLLINS AVE

MIAMI BEACH, FL

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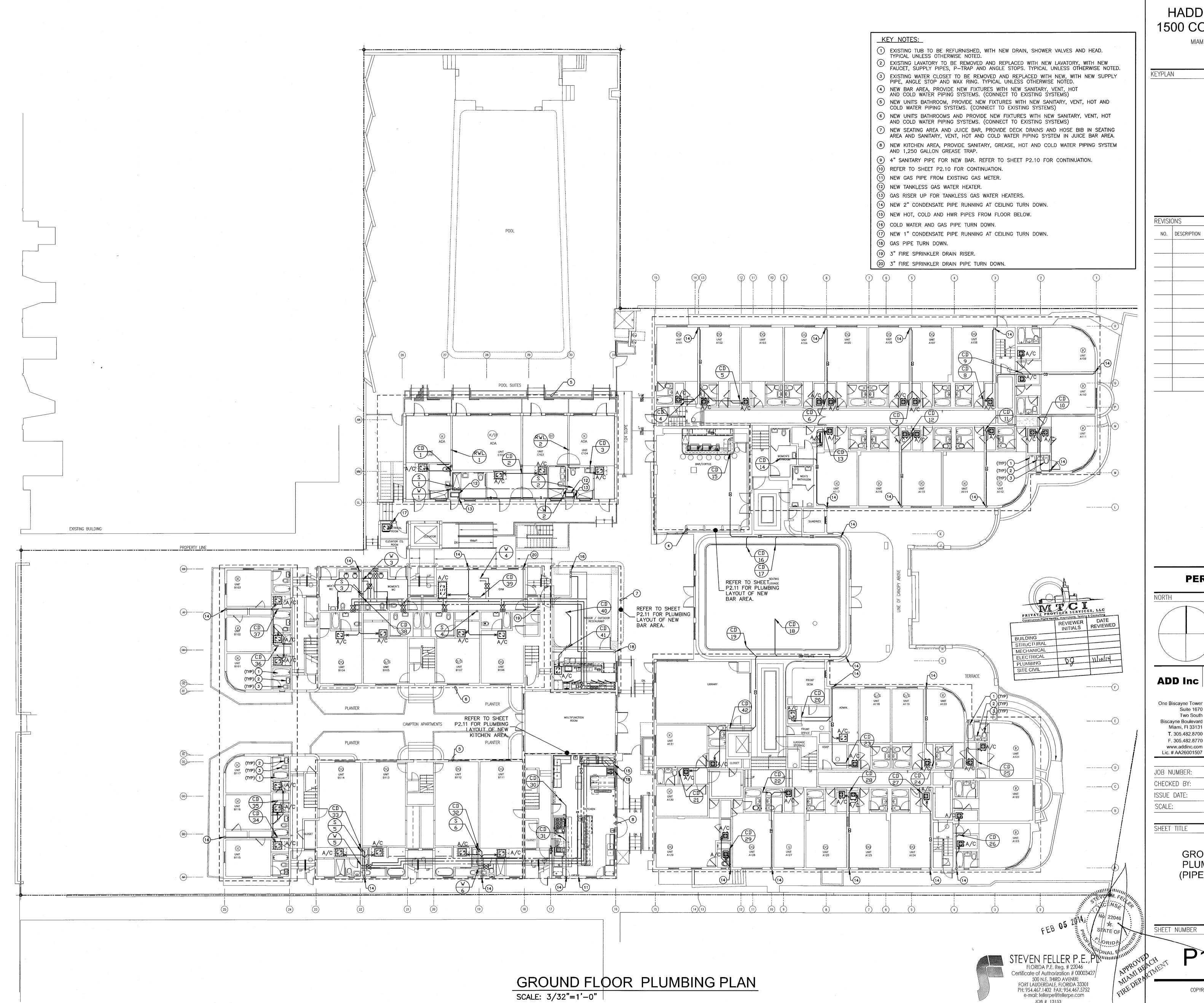
Lic. # AA26001507 13036.00 JANUARY 24, 2014

AS NOTED

SHEET TITLE

GROUND FLOOR PLUMBING PLAN (PIPE BELOW SLAB)

P1.02



SCALE: 3/32"=1'-0"

HADDON HALL 1500 COLLINS AVE

MIAMI BEACH, FL

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Architecture Interiors Planning

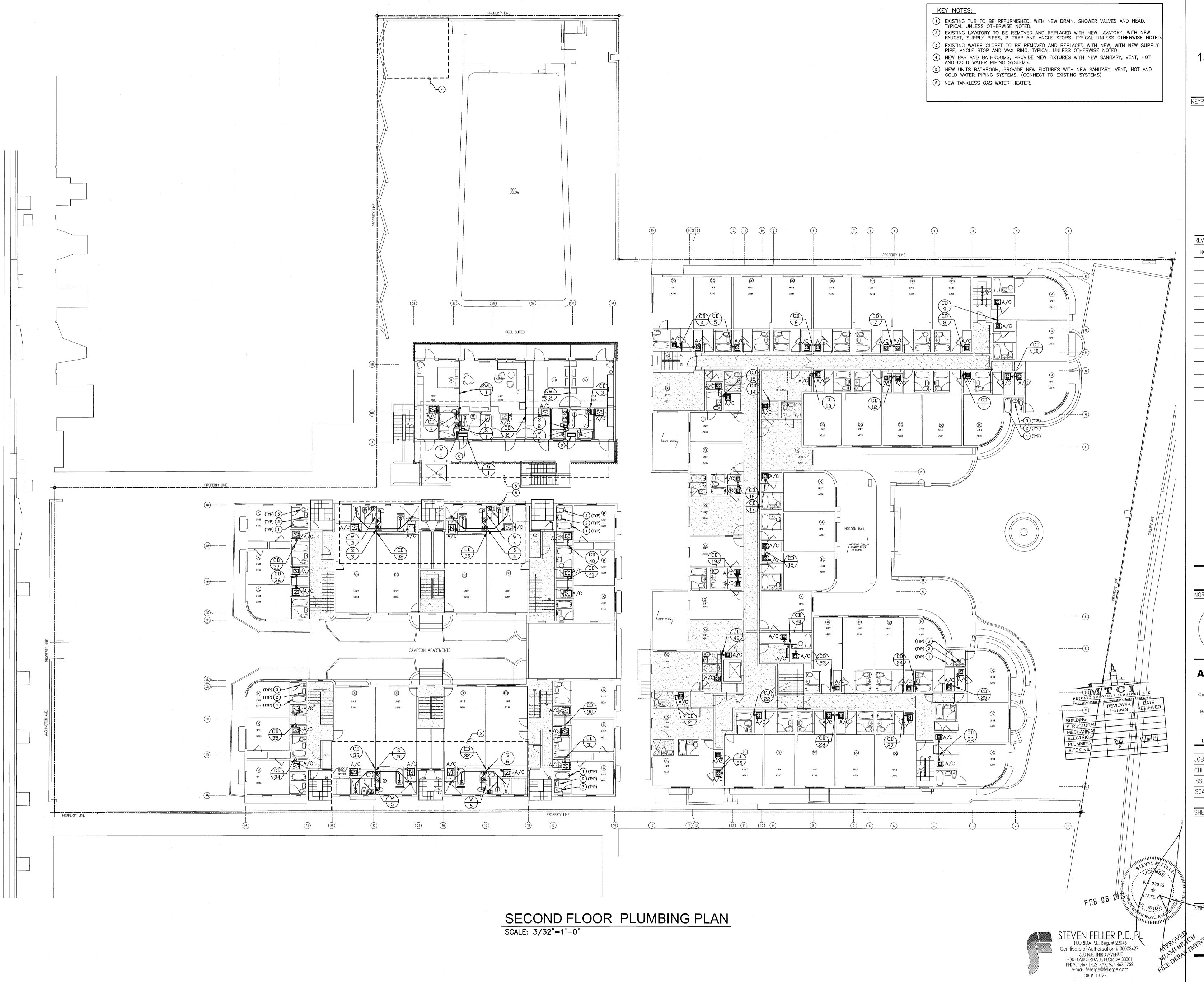
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13036.00 JANUARY 24, 2014 AS NOTED

GROUND FLOOR PLUMBING PLAN (PIPE AT CEILING)

JOB # 13153

P1.02a



HADDON HALL 1500 COLLINS AVE

MIAMI BEACH, FL

KEYPI AN

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|--------|-------------|---------------------------------------|
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ORTH SEAL

Jonathan Cardello

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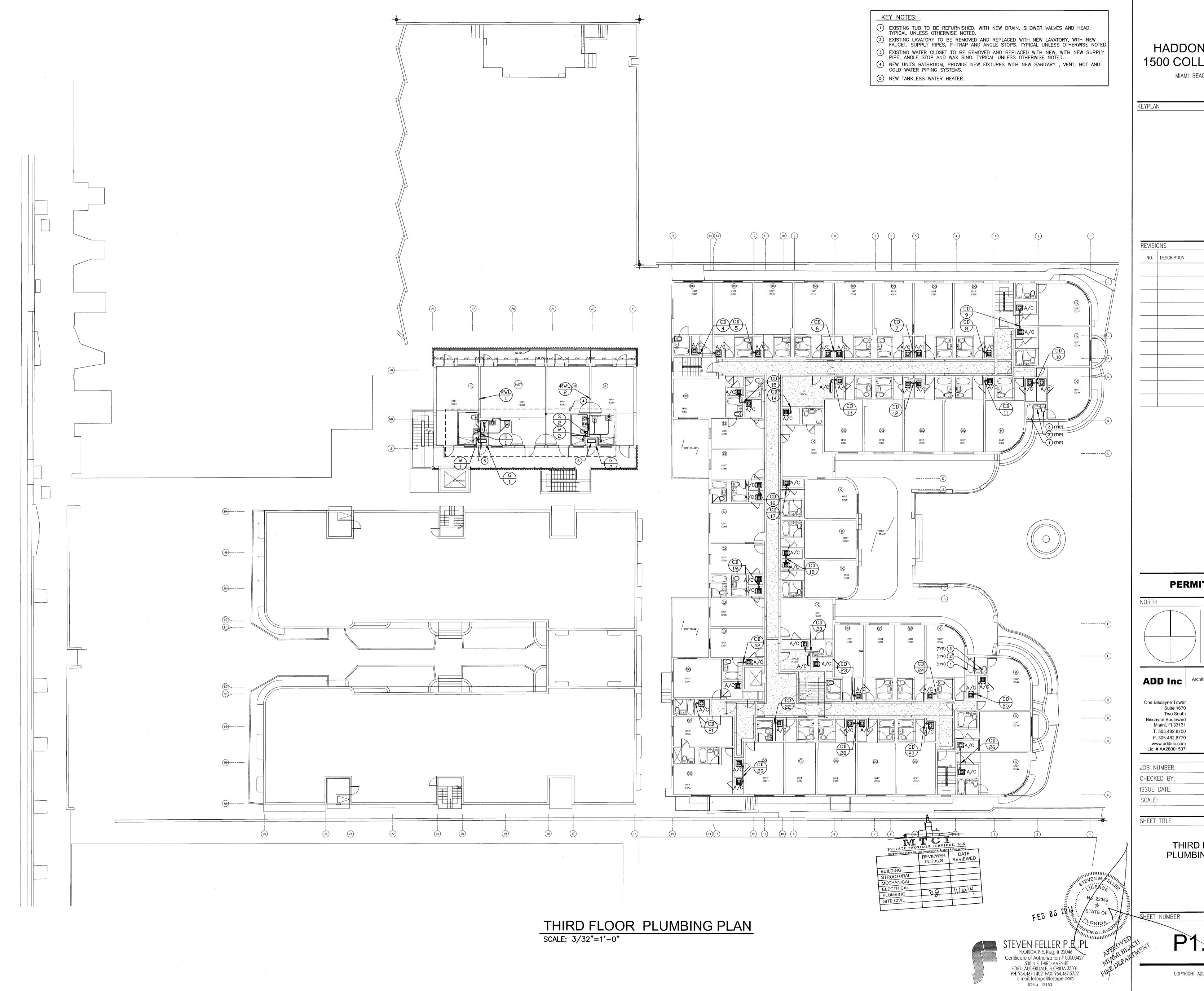
JOB NUMBER:13036.00CHECKED BY:SFISSUE DATE:JANUARY 24, 2014SCALE:AS NOTED

SHEET TITLE

SECOND FLOOR PLUMBING PLAN

SHEET NUMBER

P1.03



HADDON HALL 1500 COLLINS AVE

MIAMI BEACH, FL

ISSUE, DATE 0 0 0 000 0 0 00 000000 0000 000000 9 9 9 9 9 9 9 9

**PERMIT SET** 

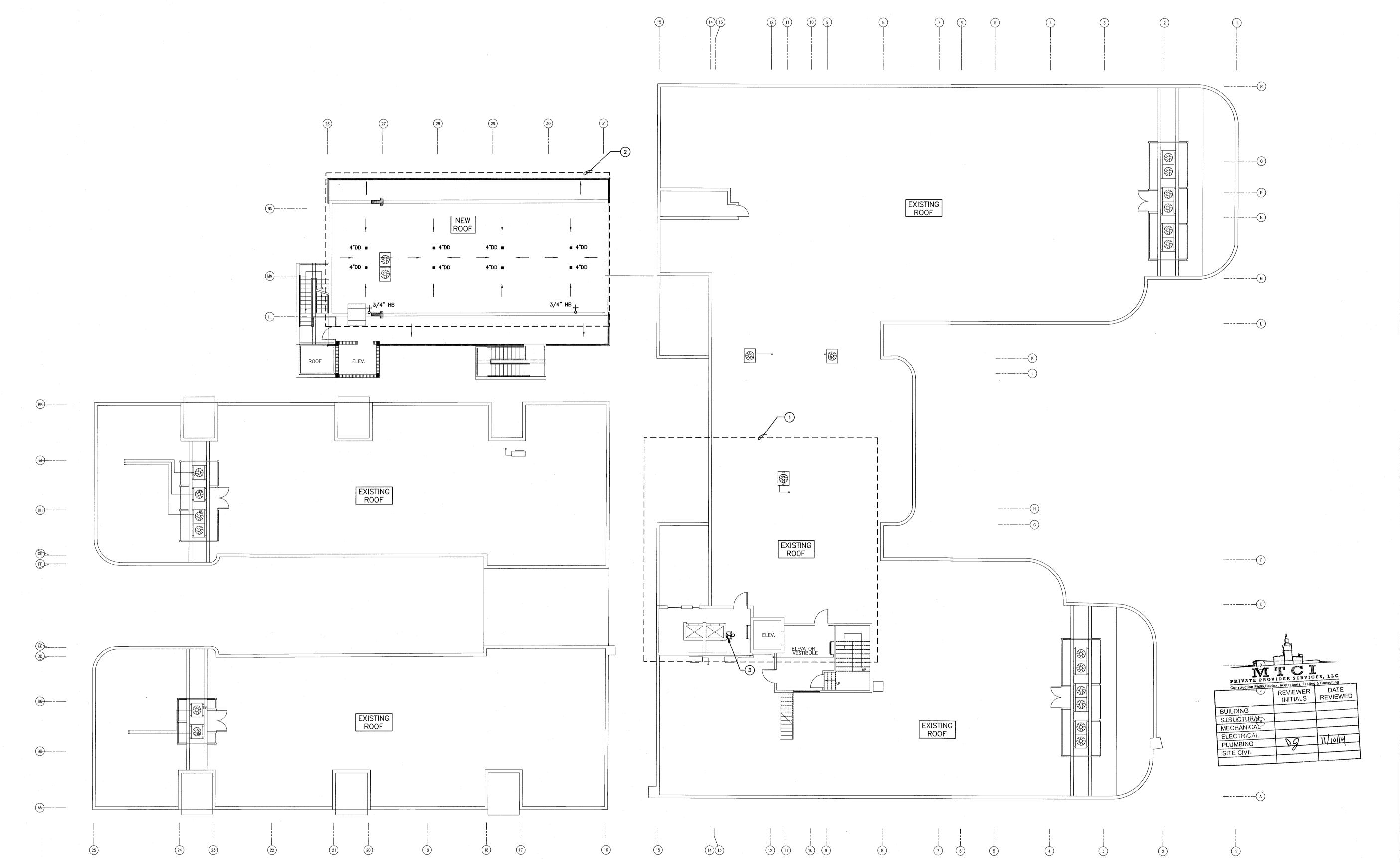
13036.00 JANUARY 24, 2014

THIRD FLOOR PLUMBING PLAN

KEY NOTES:

- NEW ROOF DECK AND SINK, PROVIDE DECK DRAINS FOR DECK, HOSE BIB, NEW SINK AND SANITARY, VENT, HOT AND COLD WATER PIPING SYSTEMS.
- 2 NEW ROOF DECK, PROVIDE NEW DECK DRAINS AND HOSE BIB.
- 3 2" SANITARY PIPE DOWN FROM NEW SINK. CONNECT TO EXISTING SANITARY SYSTEM.

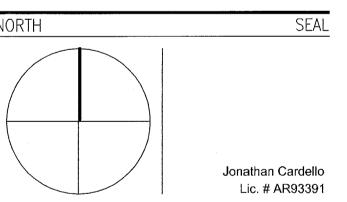
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NO. DESCRIPTION

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JOB NUMBER: 13036.00 CHECKED BY: ISSUE DATE: JANUARY 24, 2014 SCALE: AS NOTED

**PLUMBING ROOF PLAN** 

SHEET NUMBER

STEVEN FELLER P.E., PL

FLORIDA P.E. Reg. # 22046

Certificate of Authorization # 00003427

500 N.E. THIRD AVENUE

FORT LAUDERDALE, FLORIDA 33301

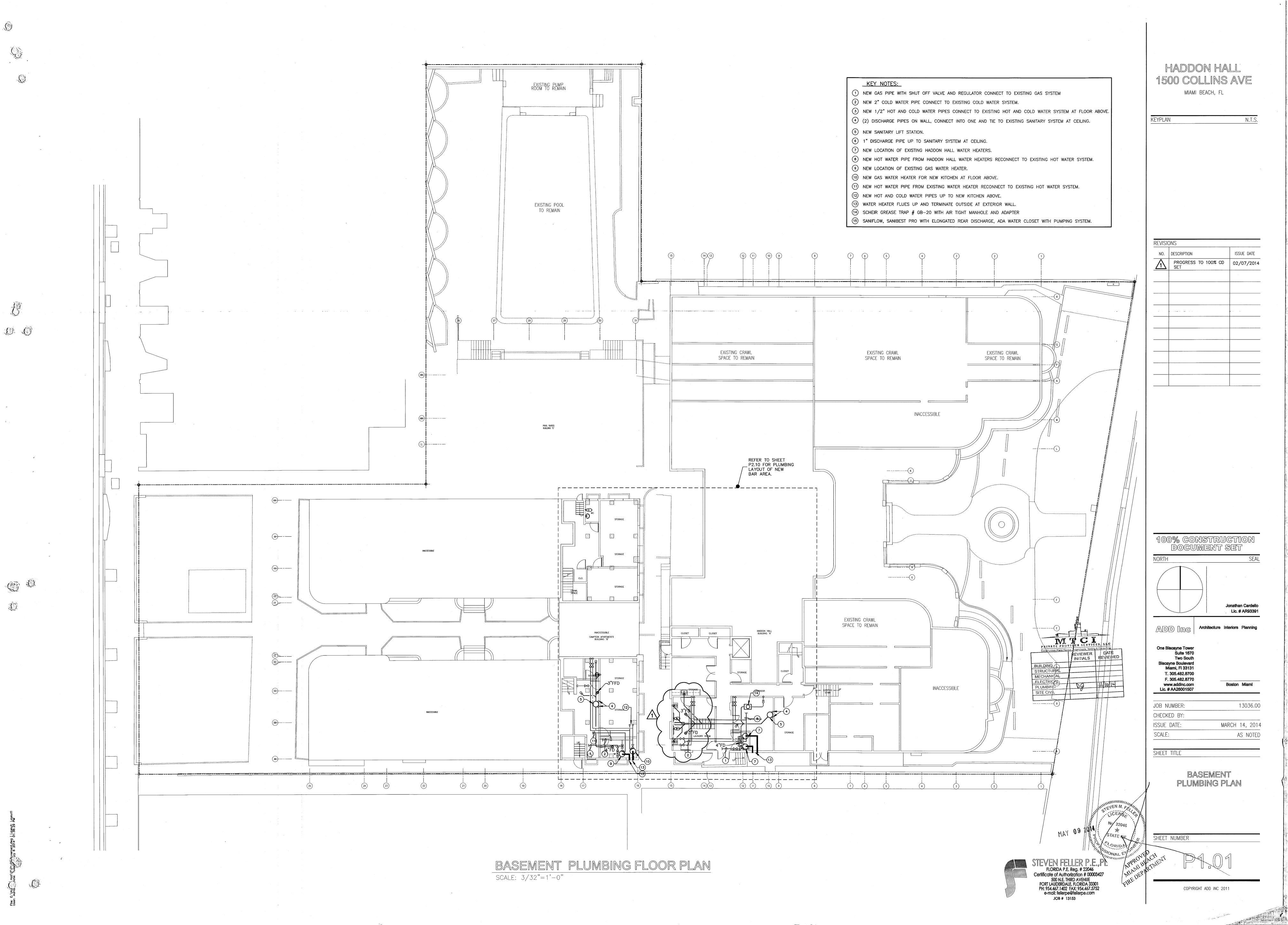
PH: 954.467.1402 FAX: 954.467.5752

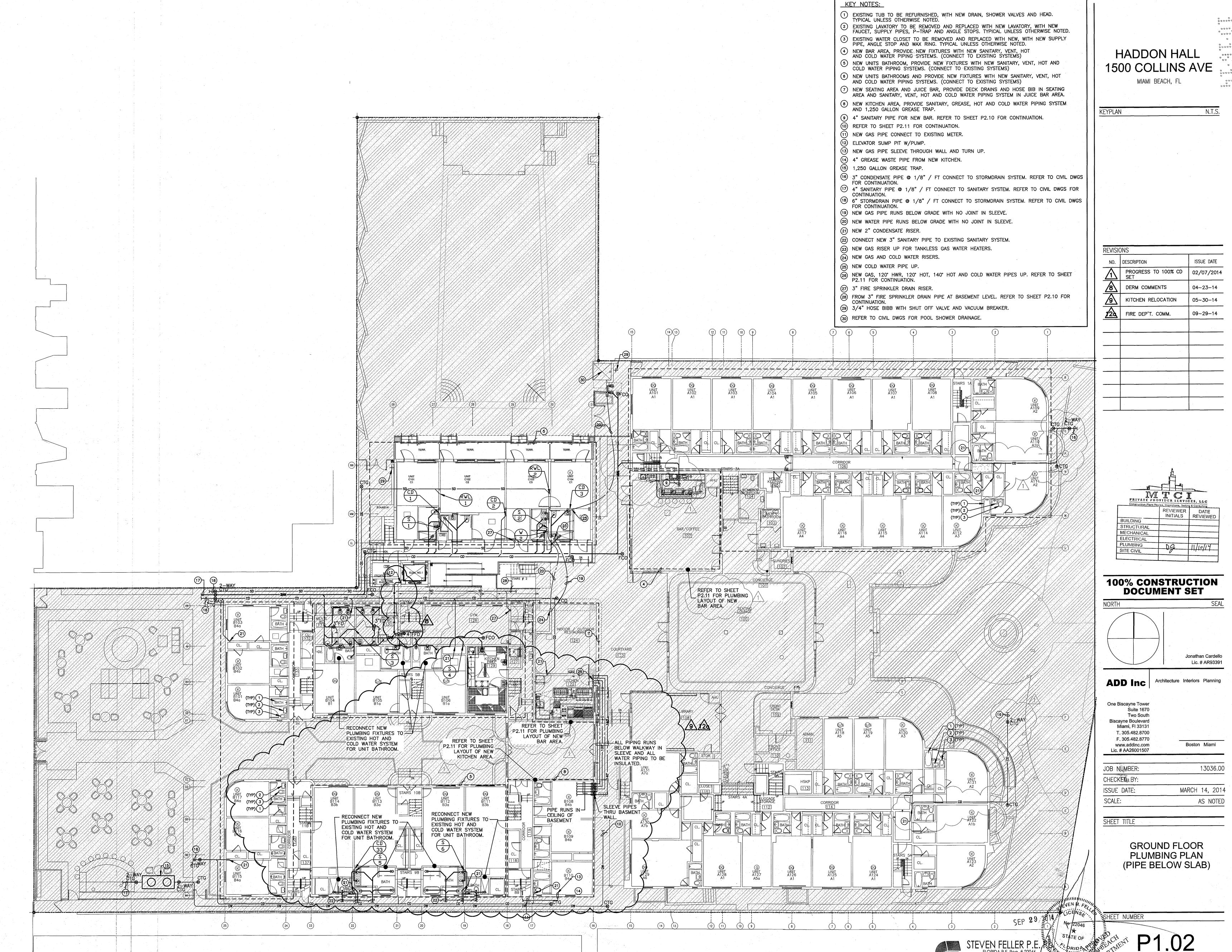
e-mail: fellerpe@fellerpe.com

JOB # 13153

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PLUMBING ROOF PLAN SCALE: 3/32"=1'-0"





GROUND FLOOR PLUMBING PLAN

SCALE: 3/32"=1'-0"

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