

MAJOR DEVELOPMENT PLAN

IBIS BAY WATERFRONT RESORT KEY WEST, FL 33040 PARCEL: 00002360-000000







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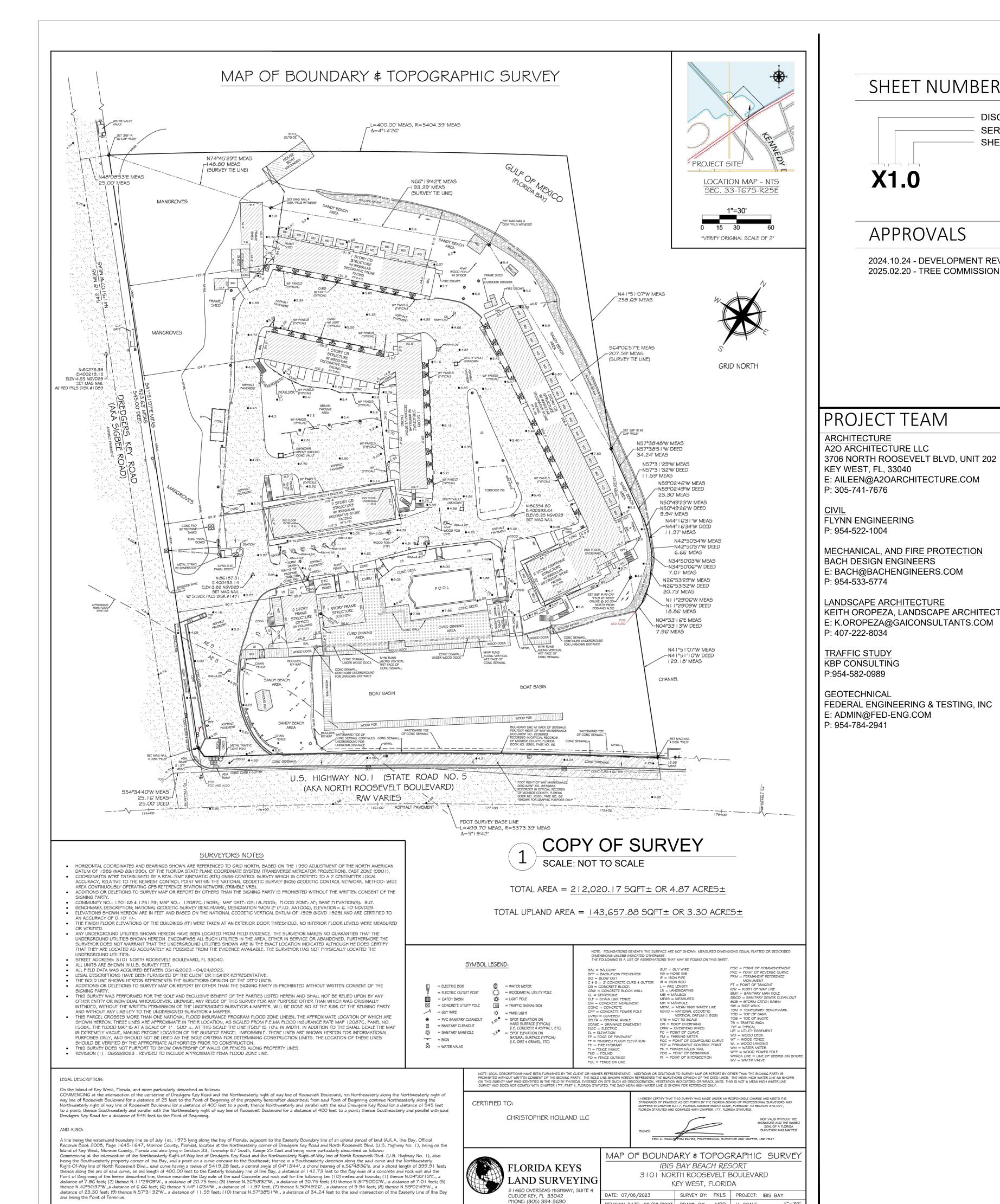
TITLE:

COVER PAGE

PROJECT #: 23.01



FEBRUARY 27, 2025



REVISION DATE: 08/28/2023 | DRAWN BY: MPB | H. SCALE:

CHECKED BY: FAI SHEET 1 OF 1

SHEET NUMBERING SYSTEM

DISCIPLINE **SERIES NUMBER** SHEET NUMBER IN SERIES

APPROVALS

X1.0

2024.10.24 - DEVELOPMENT REVIEW COMMITTEE 2025.02.20 - TREE COMMISSION

SCOPE OF WORK

REDEVELOPMENT TO BUILD-BACK 80 OUT OF 81 TRANSIENT UNITS.

PROPOSED WORK REDUCES DENSITY:

- 54 UNIT HOTEL BUILDING
- 16 UNIT HOTEL BUILDING
- 10 INDIVIDUAL COTTAGE UNITS
- 80 UNIT HOTEL INCLUDING POOL, FOOD SERVICES, GYM, BOAT DOCKING FACILITIES [EXISTING], AND AMENITY RENTALS.

CODE INFORMATION

APPLICABLE CODES

FLORIDA BUILDING CODE 8TH EDITION 2023; WITH ALL AMENDMENTS

FEMA (FEDERAL EMERGENCY MANAGEMENT AGENCY) REQUIREMENTS

NGVD 29 ZONE - AE 8/ AE 9 **ASCE 7-16 WIND LOADS**

USE AND OCCUPANCY CLASSIFICATION [NO CHANGE TO EXISTING]

- ASSEMBLY A-2 MERCANTILE M
- RESIDENTIAL R-1
- LOW HAZARD STORAGE S-2

SUBMISSIONS: 1. 2024.02.14 MAJOR DEVELOPMENT PLAN 2. 2024.05.31 MAJOR DEVELOPMENT - REVISE 5 3. 2024.10.14 MAJOR DEVELOPMENT - REVISE ភ 4. 2025.01.27 TREE COMMISSION

5. 2025.02.26 MAJOR DEVELOPMENT - PARKING REVISION DRAWING INDEX **GENERAL** G1.0 COVER PAGE G1.1 SCOPE OF WORK, SURVEY, INDEX & PROJECT INFORMATION ARCHITECTURAL PROPOSED SITE PLAN & DATA TABLE

A2.1	FLOOR PLANS - HOTEL LOBBY BUILDING
A2.2	FLOOR PLANS - HOTEL LOBBY BUILDING
A2.3	FLOOR PLANS - HOTEL LOBBY BUILDING
A2.4	FLOOR PLANS - HOTEL BUILDING 2
A2.5	FLOOR PLANS - HOTEL BUILDING 2 & TYPICAL COTTA
A3.1	EXTERIOR ELEVATIONS - HOTEL LOBBY BUILDING
A3.2	EXTERIOR ELEVATIONS - HOTEL LOBBY BUILDING
A3.3	EXTERIOR ELEVATIONS - HOTEL BUILDING 2
A3.4	EXTERIOR ELEVATIONS - COTTAGE

LFS 1.0 LIFE SAFETY PLAN FIRE TRUCK ACCESS LFS 1.1 LIFE SAFETY PLAN AT GROUND LEVEL

LFS 1.2 LIFE SAFETY PLAN AT FIRST FLOOR LEVEL LFS 1.3 LIFE SAFETY PLAN AT SECOND FLOOR LEVEL CIVIL

CONCEPTUAL PAVING, GRADING & DRAINAGE PLAN CONCEPTUAL WATER & SEWER PLAN LANDSCAPE

LD0.01 EXISTING TREE MAP L3.0 LANDSCAPE PLAN L3.10 PLANT SCHEDULE

MECHANICAL M-1.0 MECHANICAL SITE PLAN

M-2.0 MECHANICAL TYPICAL COTTAGE FLOOR PLAN M-3.0 MECHANICAL GROUND FLOOR PLAN - HOTEL LOBBY BUILDING (SECTION-A) MECHANICAL GROUND FLOOR PLAN - HOTEL LOBBY BUILDING (SECTION-B)

M-3.2 MECHANICAL FIRST FLOOR PLAN - HOTEL LOBBY BUILDING (SECTION-A) MECHANICAL FIRST FLOOR PLAN - HOTEL LOBBY BUILDING (SECTION-B) M-3.4 MECHANICAL SECOND FLOOR PLAN - HOTEL LOBBY BUILDING (SECTION-A) M-3.5 MECHANICAL SECOND FLOOR PLAN - HOTEL LOBBY BUILDING (SECTION-B)

A1.2 SITE PLAN - OVERALL GROUND LEVEL PARKING AND CIRCULATION PLAN

MECHANICAL ROOF PLAN - HOTEL LOBBY BUILDING (SECTION-A) MECHANICAL ROOF PLAN - HOTEL LOBBY BUILDING (SECTION-B) MECHANICAL GROUND FLOOR PLAN - BUILDING-2 (SECTION-A) MECHANICAL GROUND FLOOR PLAN - BUILDING-2 (SECTION-B)

M-4.2 MECHANICAL FIRST FLOOR PLAN - BUILDING-2 (SECTION-A) M-4.3 MECHANICAL FIRST FLOOR PLAN - BUILDING-2 (SECTION-B) MECHANICAL SECOND FLOOR PLAN - BUILDING-2 (SECTION-A) MECHANICAL SECOND FLOOR PLAN - BUILDING-2 (SECTION-B)

M-4.6 MECHANICAL ROOF PLAN - BUILDING-2 (SECTION-A) M-4.7 MECHANICAL ROOF PLAN - BUILDING-2 (SECTION-B) **FIRE PROTECTION**

FP-1.0 FIRE SPRINKLER SITE PLAN

FP-2.0 FIRE SPRINKLER TYPICAL COTTAGE FLOOR PLAN

FP-3.0 FIRE SPRINKLER GROUND FLOOR PLAN - HOTEL LOBBY BUILDING (SECTION-A) FP-3.1 FIRE SPRINKLER GROUND FLOOR PLAN - HOTEL LOBBY BUILDING (SECTION-B) FP-3.2 FIRE SPRINKLER FIRST FLOOR PLAN - HOTEL LOBBY BUILDING (SECTION-A) FP-3.3 FIRE SPRINKLER FIRST FLOOR PLAN - HOTEL LOBBY BUILDING (SECTION-B) FP-3.4 FIRE SPRINKLER SECOND FLOOR PLAN - HOTEL LOBBY BUILDING (SECTION-A) FP-3.5 FIRE SPRINKLER SECOND FLOOR PLAN - HOTEL LOBBY BUILDING (SECTION-B)

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FP-4.4 FIRE SPRINKLER SECOND FLOOR PLAN - BUILDING-2 (SECTION-A)

FP-4.5 FIRE SPRINKLER SECOND FLOOR PLAN - BUILDING-2 (SECTION-B)

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SCOPE OF WORK, SURVEY, INDEX & **PROJECT** INFORMATION

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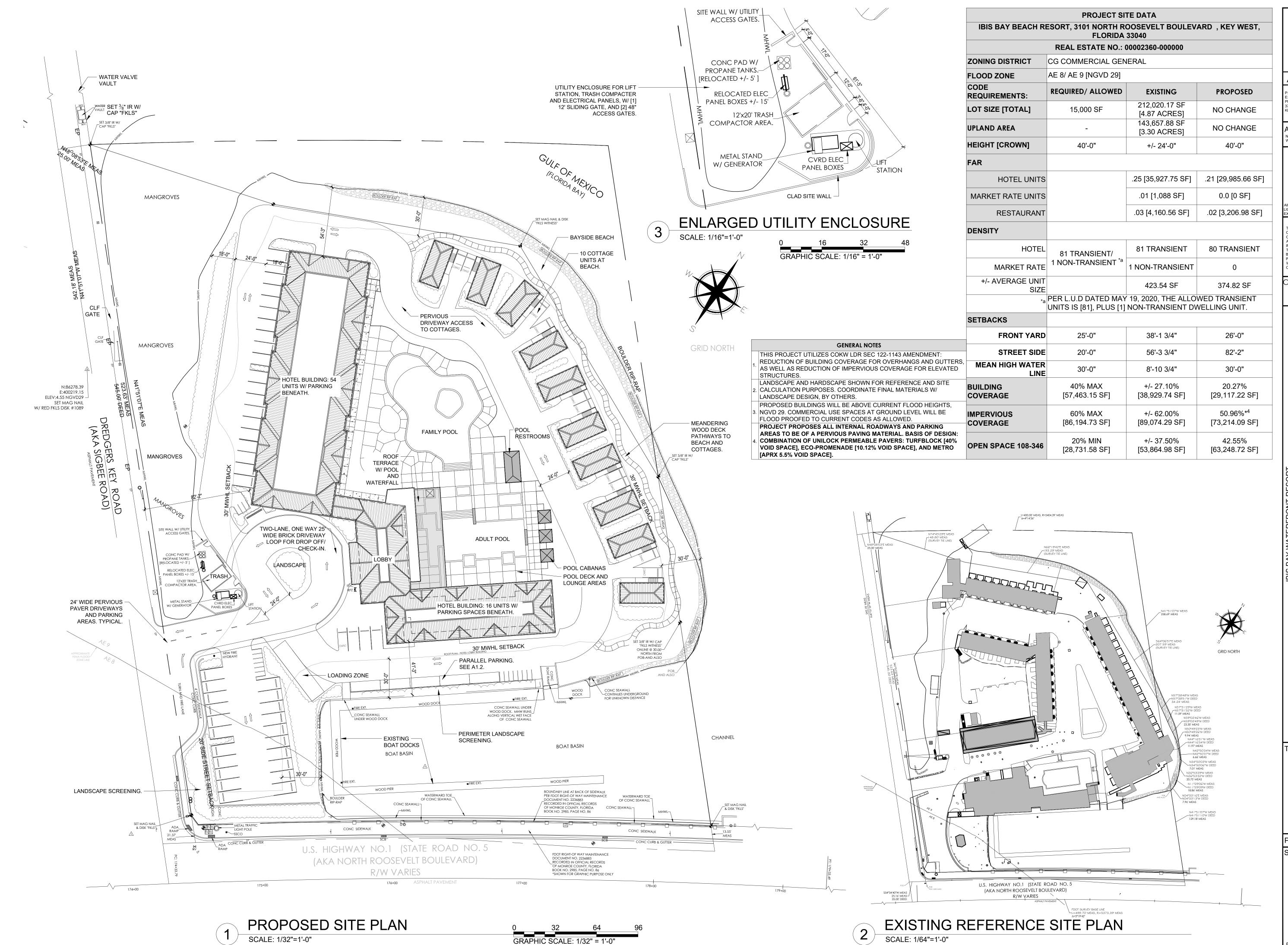
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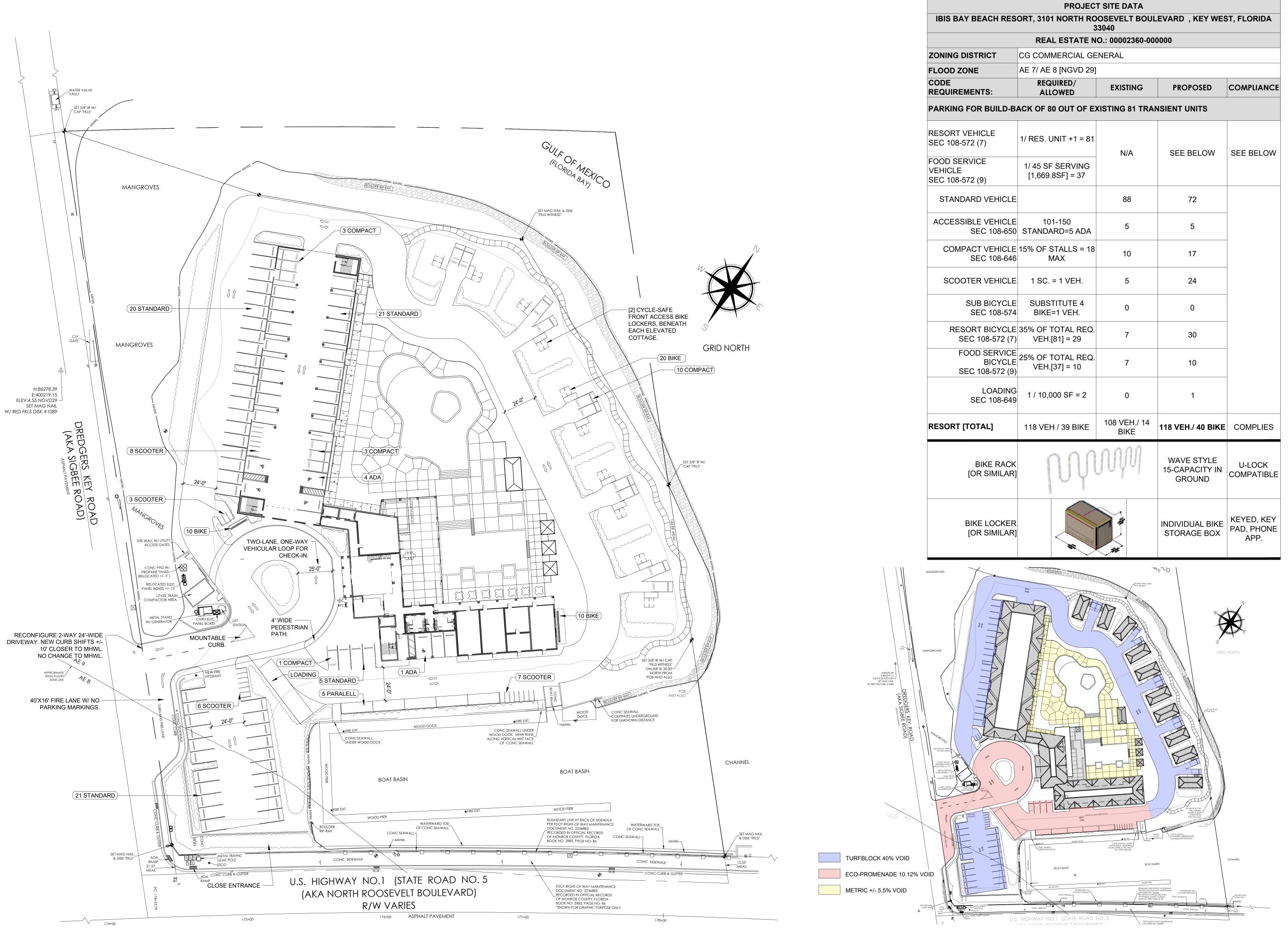
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PROPOSED SITE PLAN AND DATA **TABLE**

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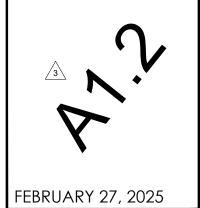
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SIFE PLAN -GROUND LEVEL PARKING & TRAFFIC

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MAJOR DEVELOPMENT PLAN
SUBMISSION
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KEV WEST EL OPINA 32010

TITLE:

FLOOR PLANS: HOTEL LOBBY BUILDING

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GRAPHIC SCALE: 1/8" = 1'-0"



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MAJOR

FLOOR PLANS: HOTEL LOBBY BUILDING

PROJECT #: 23.01



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SECOND FLOOR PLAN - HOTEL LOBBY BUILDING

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

SECOND FLOOR PLAN - HOTEL LOBBY BUILDING

GRAPHIC SCALE: 1/8" = 1'-0"



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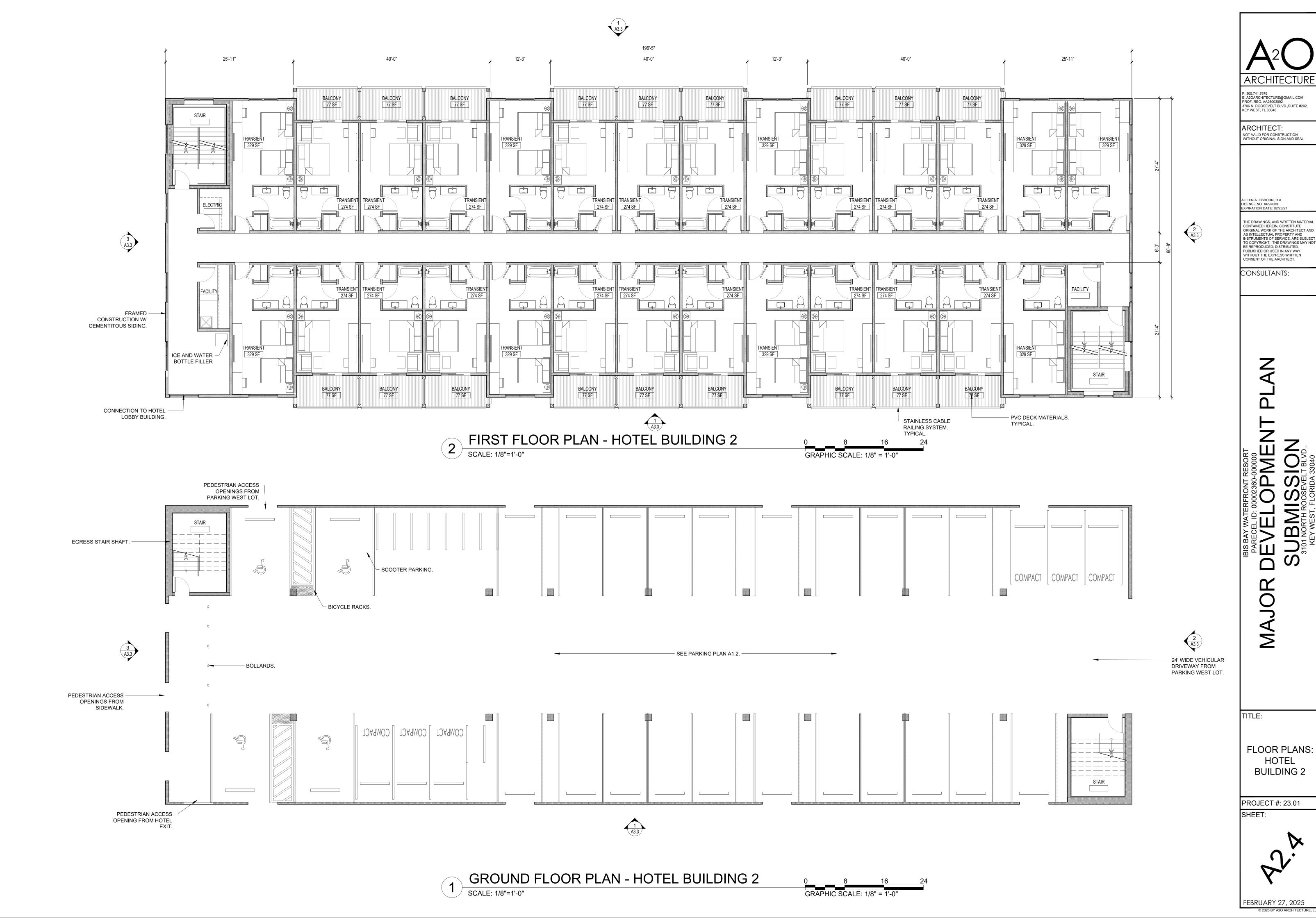
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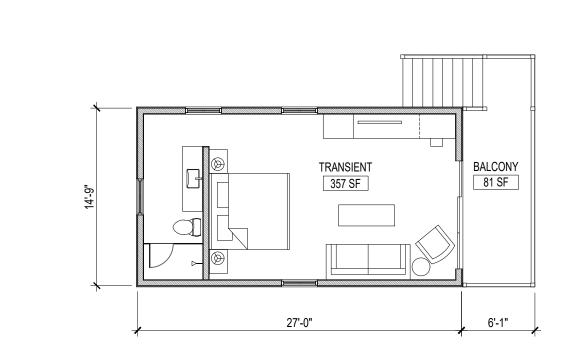
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FLOOR PLANS: HOTEL **BUILDING 2**

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2 TYPICAL COTTAGE FLOOR PLAN
SCALE: 1/8"=1'-0"

GRAPHIC SCALE: 1/8" = 1'-0"





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

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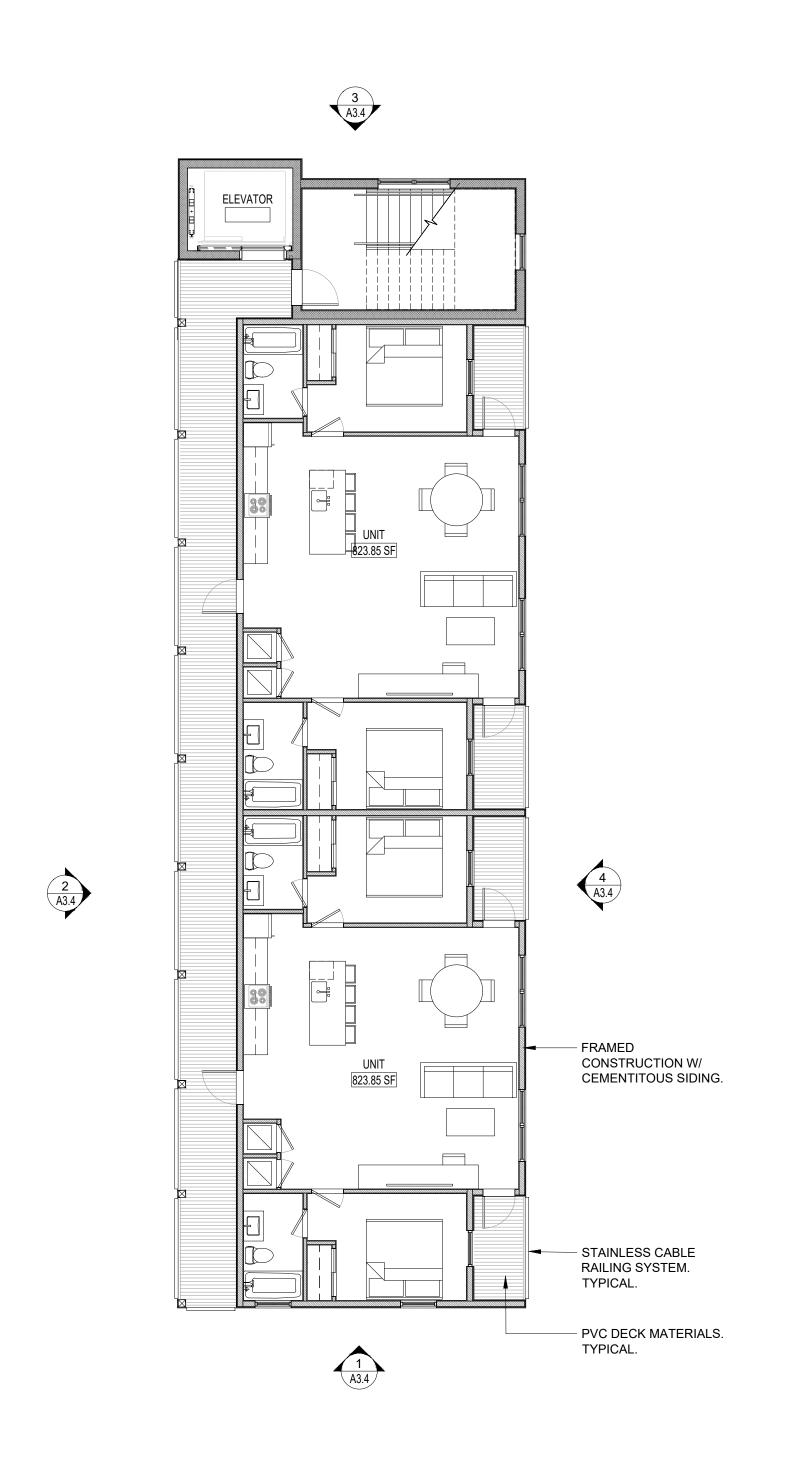
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FLOOR PLANS:
HOTEL
BUILDING 2 AND
TYPICAL
COTTAGES

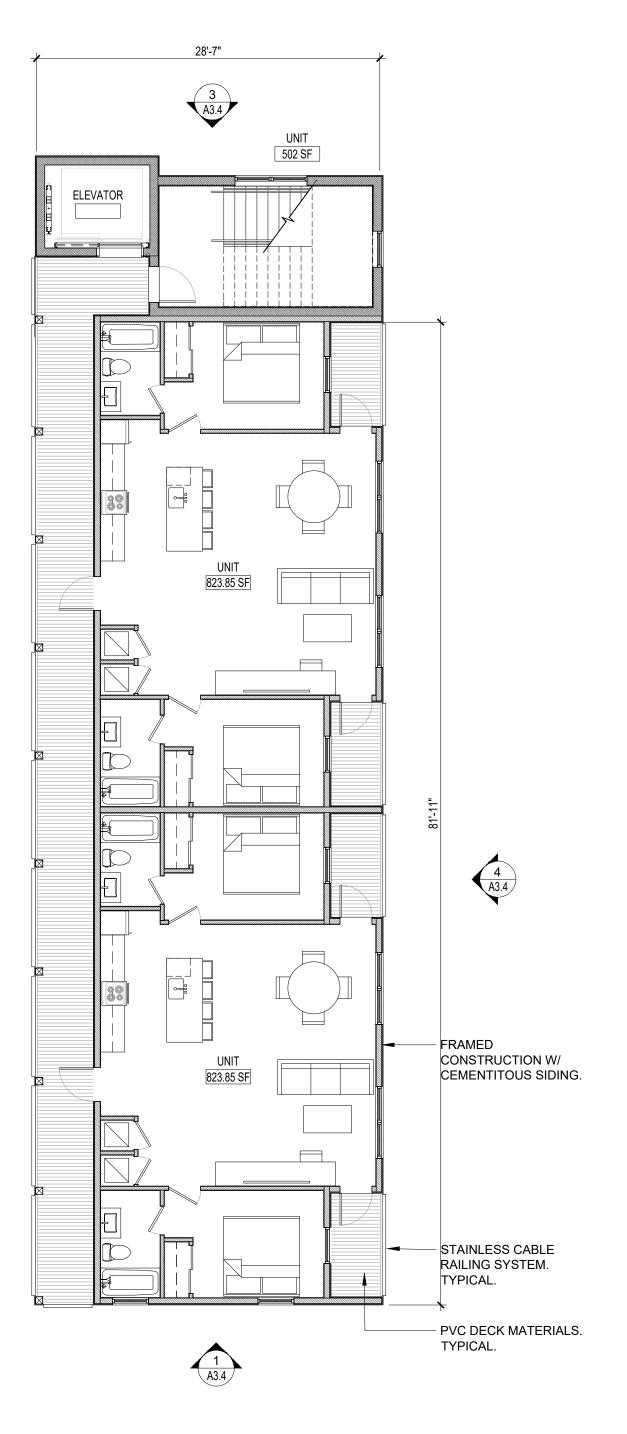
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PROPOSED THIRD FLOOR PLAN



18-0°

ELEVATOR

14 BIKE PARKING RACK

PROPOSED FLOOR PLAN - FLOORS 1-2

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

PROPOSED GROUND FLOOR PARKING PLAN

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

O 8 16 24

GRAPHIC SCALE: 1/8" = 1'-0"



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SCOOTER PARKING

TITI F.

FLOOR PLANS: WORKFORCE

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HOTEL LOBBY BUILDING: WEST ELEVATION [SIGSBEE]

O

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

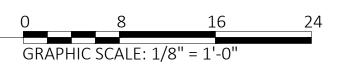
GRAPHIC SCALE: 1/8" = 1'-0"

- STANDING SEAM ROOFING. TYPICAL. ABOVE CROWN ROOF PEAK ABOVE CROWN - IMPACT ALUMINUM SWING DOORS. TYPICAL. FINISH FLOOR - CEMENTITOUS SIDING W/ PVC TRIM. TYPICAL. — STAINLESS CABLE RAILING SYSTEM. TYPICAL. FINISH FLOOR DESIGN FLOOD HEIGHT + 10'-0" D.F.E. BASE FLOOD HEIGHT + 9'-0" B.F.E. CROWN OF ROAD [VARIES] +/- 4'-8 1/2" NGVD 29 ALUMINUM LOUVERED PANELS ON CONCRETE CURB. TYPICAL. COVERED PARKING. SEE GRADE VARIES +/- 4'-6" PARKING PLAN A1.2

HOTEL LOBBY BUILDING: SOUTH ELEVATION [NORTH ROOSEVELT]

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

SEA LEVEL + 0'-0" NGVD 29





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STOT NORTH ROOSEVELT BLVD.,

KEY WEST ELODING 23010

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EXTERIOR ELEVATIONS: HOTEL LOBBY BUILDING

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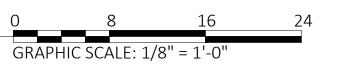
HOTEL LOBBY BUILDING: EAST ELEVATION [GULF]

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



HOTEL LOBBY BUILDING: NORTH ELEVATION [GULF]

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



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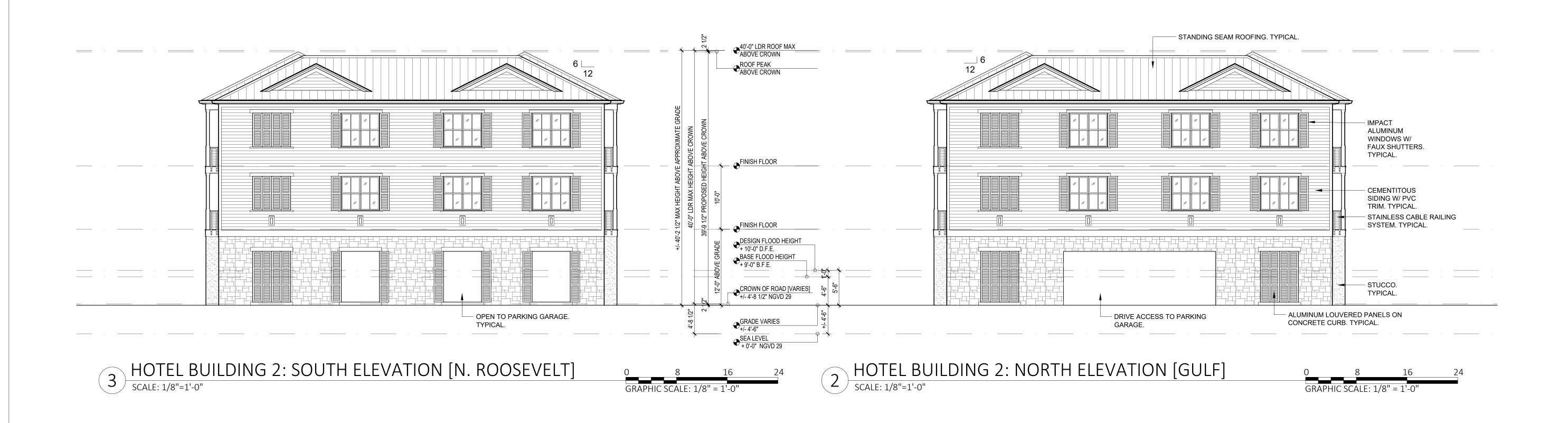
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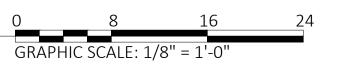
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HOTEL BUILDING 2: WEST ELEVATION [SIGSBEE] AND EAST [GULF]

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



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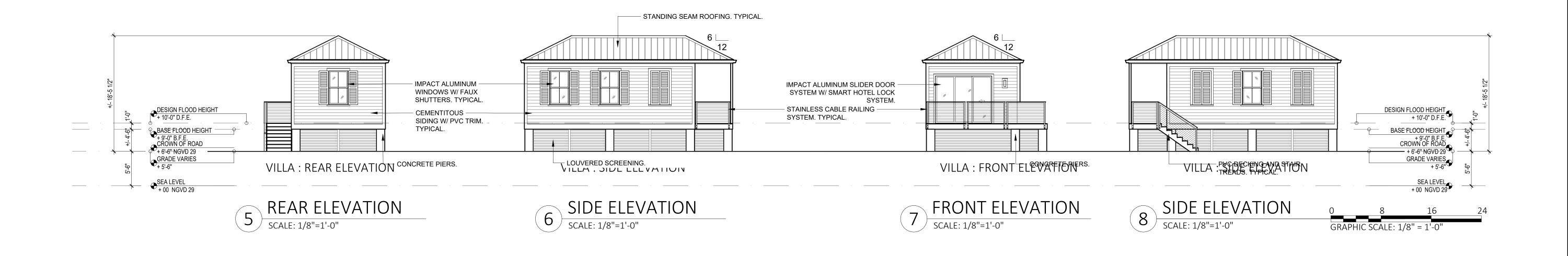
TITLE:

EXTERIOR
ELEVATIONS:
HOTEL
BUILDING 2

PROJECT #: 23.01



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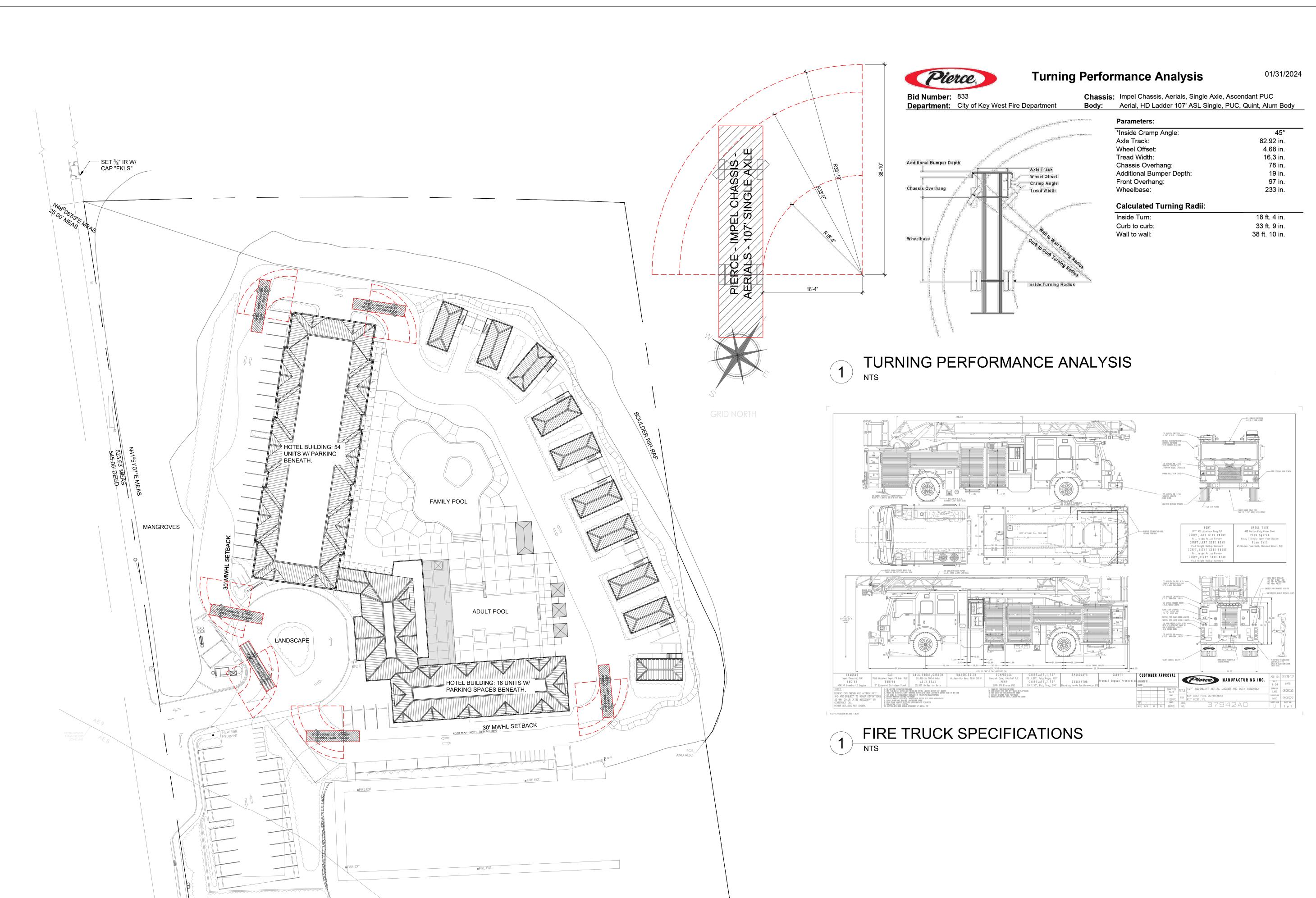
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EXTERIOR ELEVATIONS: COTTAGE

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SAFETY
PLAN-FIRE
TRUCK
ACCESS

ARCHITECTURE

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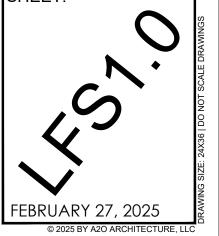
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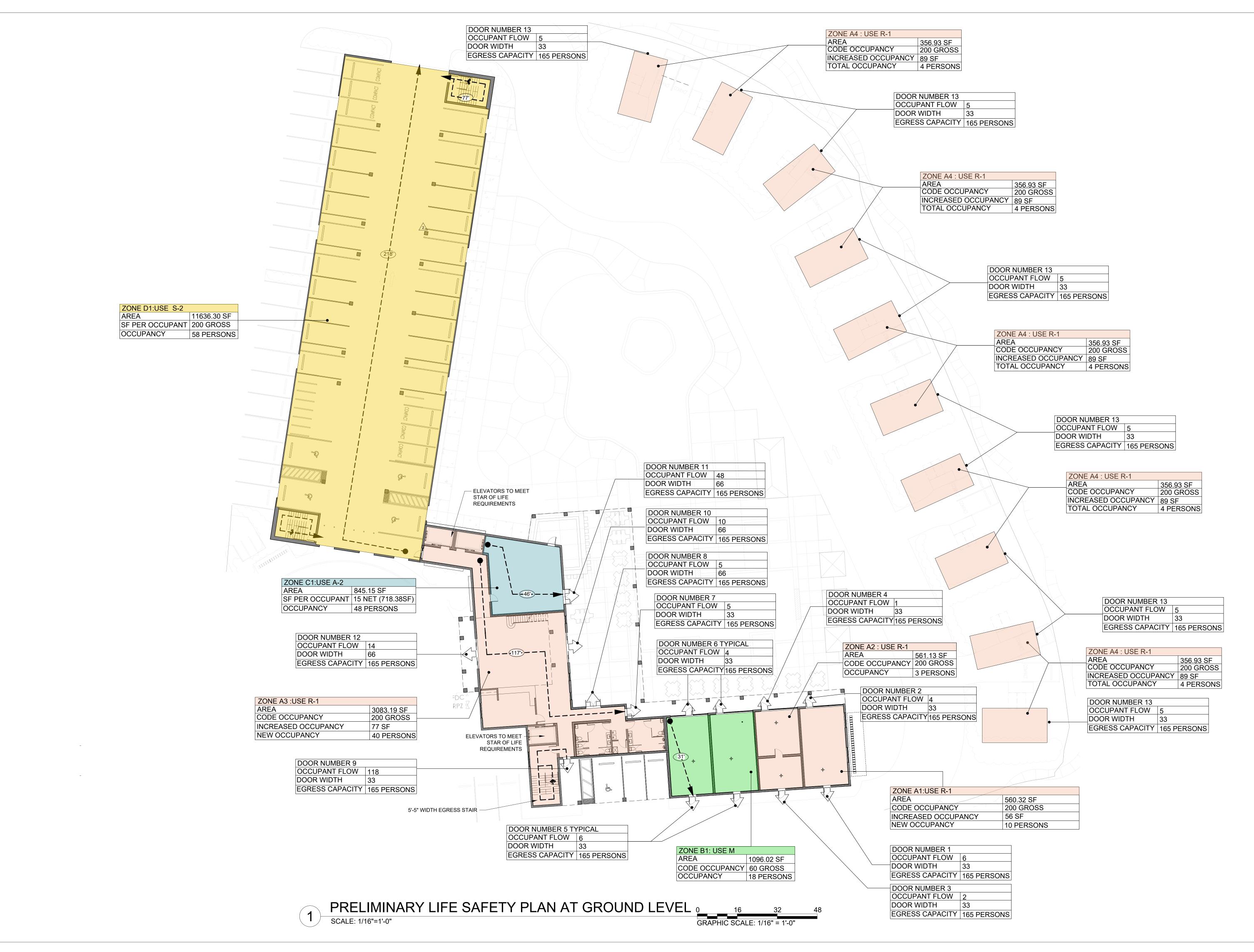
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PRELIMINARY LIFE SAFETY PLAN-FIRE TRUCK ACCESS o

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





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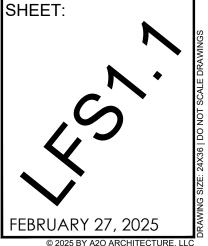
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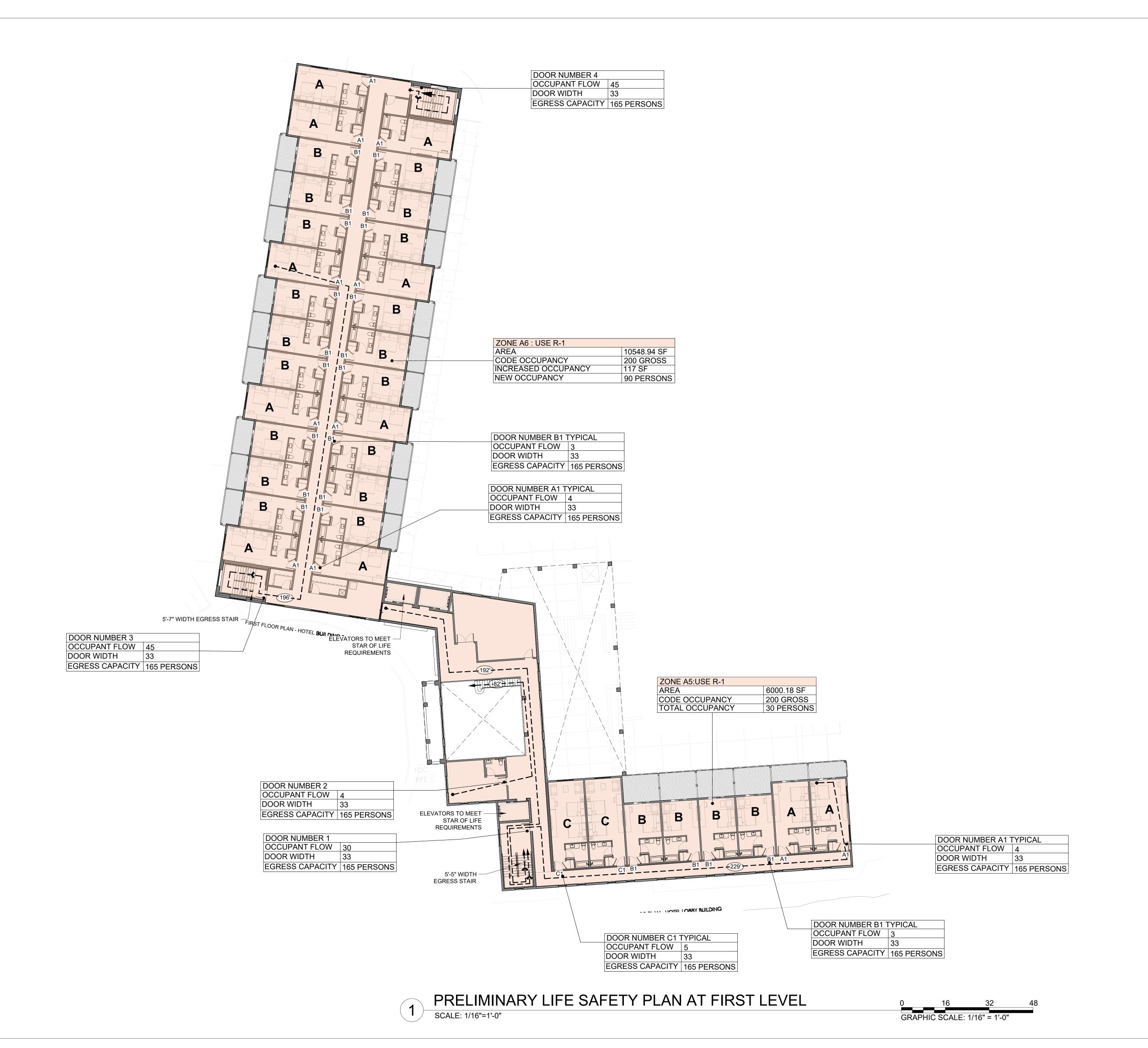
CONSULTANTS:

MAJOR DEVELID: 00002360-00000 PARECEL ID: 00002360-00000 PARECEL ID: 00002360-00000 PARECEL ID: 00002360-00000 SUBMISSION
STORTH ROOSEVELT BLVD.,
KEY WEST EI ORIGA 33000

SAFETY
PLAN AT
GROUND
LEVEL

PROJECT #: 23.01





A2O

P: 305.741.7676 E: A2OARCHITECTURE@GMAIL.COM PROF. REG. AA26003092 3706 N. ROOSEVELT BLVD.,SUITE #202, KEY WEST, FL 33040

ARCHITECT:

NOT VALID FOR CONSTRUCTION
WITHOUT ORIGINAL SIGN AND SEAL

AILEEN A. OSBORN, R.A. LICENSE NO. AR97603 EXPIRATION DATE: 02/28/27

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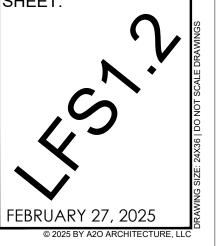
CONSULTANTS:

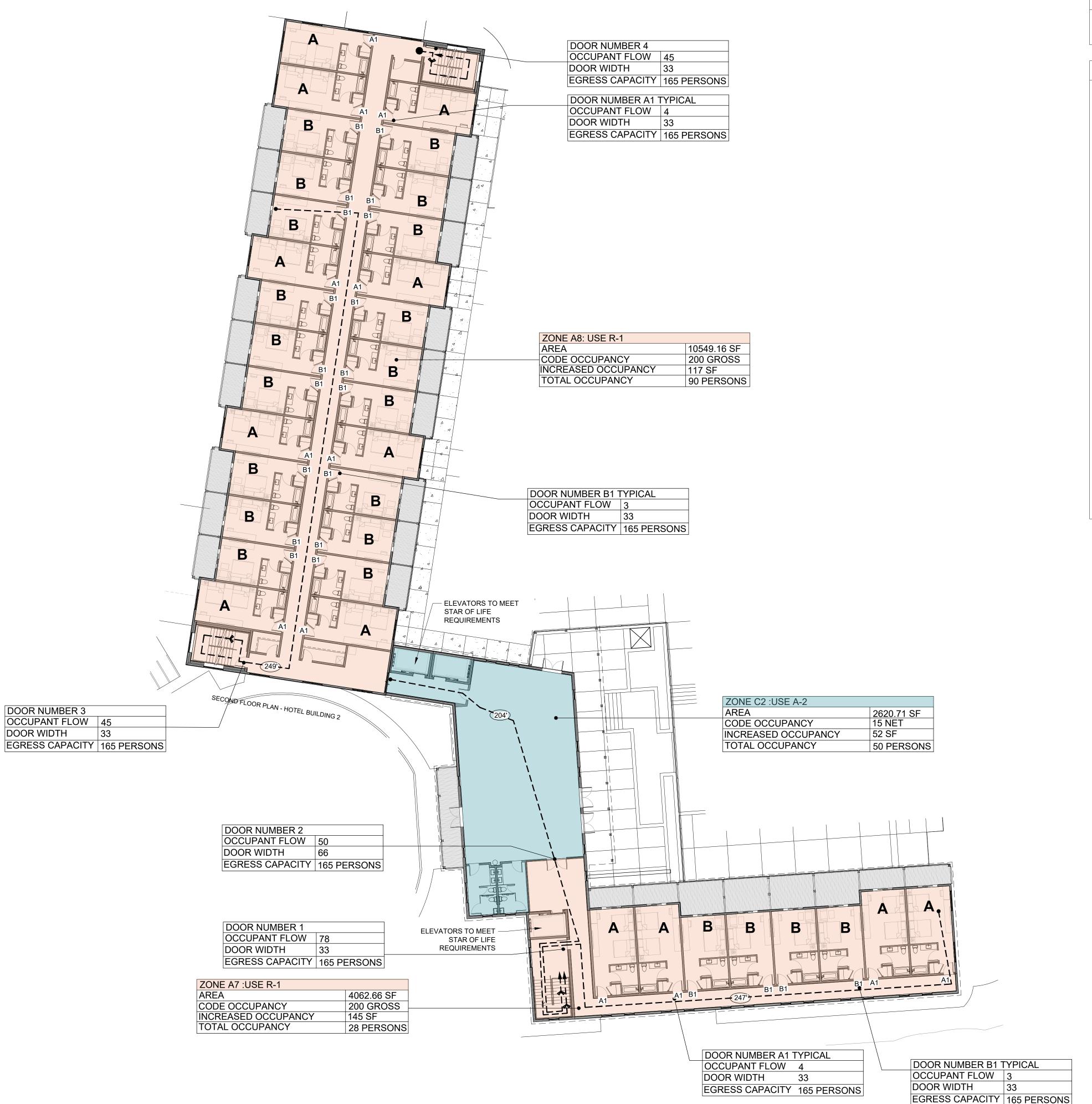
MAJOR DEVELOPMENT PLAN
SUBMISSION
KEY WEST, FLORIDA 33040

SAFETY
PLAN AT
FIRST
LEVEL

PROJECT #: 23.01

CHEET.





LIFE SAFETY - GENERAL NOTES:

1. FINAL LOCATION OF FIRE EXTINGUISHERS TO BE COORDINATED WITH FIRE MARSHAL.

2. CONTRACTOR TO PROVIDE FIRE ALARM SHOP DRAWINGS FOR COMPLIANT SYSTEM. 3. CONTRACTOR TO PROVIDE FIRE PROTECTION SHOP DRAWINGS FOR COMPLIANT SYSTEM.

LIFE SAFETY - CODE REFERENCES:

2020 Florida Building Code, Building, 8th Edition:

Chapter 3: Use and Occupancy Classification Section 304 Assembly Group A-2

 Section 309 Mercantile Group M Section 310 Residential Group R-1

Section 311 Low Hazard Storage Group S-2

Chapter 6: Types of Construction

Chapter 10: Means of Egress:

Section 1004: Occupant Load

 Section 1004 : Occupant Load • 1004.5 Max floor area per occupant

 Assembly unconsecrated: 15 ne +/-Accessory Storage , Mechanical equipment -300 gross

Kitchen , commercial - 200 gross

 Mercantile - 60 gross Storage/Stock -300 gross

 Parking garage - 200 gross Residential 200 gross

• 1004.5.1 Increase occupant load not to exceed 1 person per 7sf of occupiable floor space.

Section 1005: Egress Sizing .3 inches per occupant stairs

.3 [XX occupants / X stairs] = XX" per stair • .2 inches per occupant for other components

○ [DOOR WIDTH- 3"] / .2 = egress capacity of a single door

Section 1006: Exit and Exit Access Doorways • Two exits for any space shall be provided where:

 Occupant load exceeds 49 for A+M occupancies . Occupant load exceeds 29 for S occupancies .

Occupant load exceeds 10 for R-1 occupancies.

• Common path of egress travel distance 75' per table 1006.2.1

Section 1011: Stairways

• Stairway width shall be per 1005.1 but not less than 44 inches.

Section 1013: Exit Signs

• Exits shall be marked with readily visible sign from any direction of egress travel. Sign placement shall be such that

no point in an exit corridor or passageway is more than 100 feet from the nearest visible sign. Signs are not required in rooms or areas that only require one exit. O Main exterior exit doors that are obviously and clearly identifiable as exits need not have exit signs where

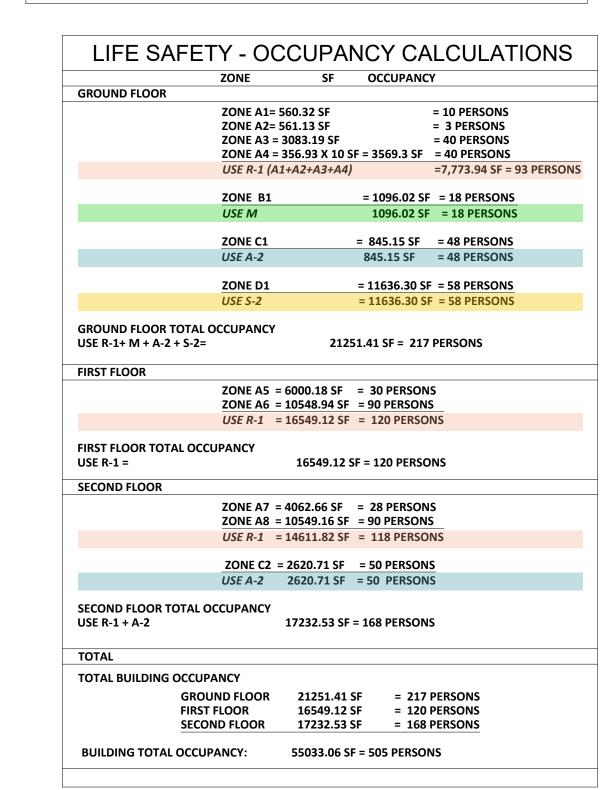
approved by the building official.

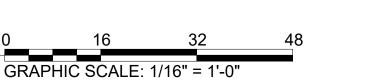
Section 1017: Exit Access Travel Distance Travel distances shall not exceed values in Table 1017.2: 250' with sprinkler system.

Section 1028: Exit Discharge Exits shall discharge directly to the exterior of the building.

OCCUPANCY ZONE LEGEND:

A4,A5A6, RESIDENTIAL -200 GROSS A7,A8 USE M MERCANTILE - 60 GROSS USE A-2 C1,C2 ASSEMBLY UNCONSECRATED- 15 NET GROSS STORAGE S-2, STOCK, PARKING - 200 GROSS USE S-2 D1







E: A2OARCHITECTURE@GMAIL.COM PROF. REG. AA26003092 3706 N. ROOSEVELT BLVD.,SUITE #202,

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CONSULTANTS:

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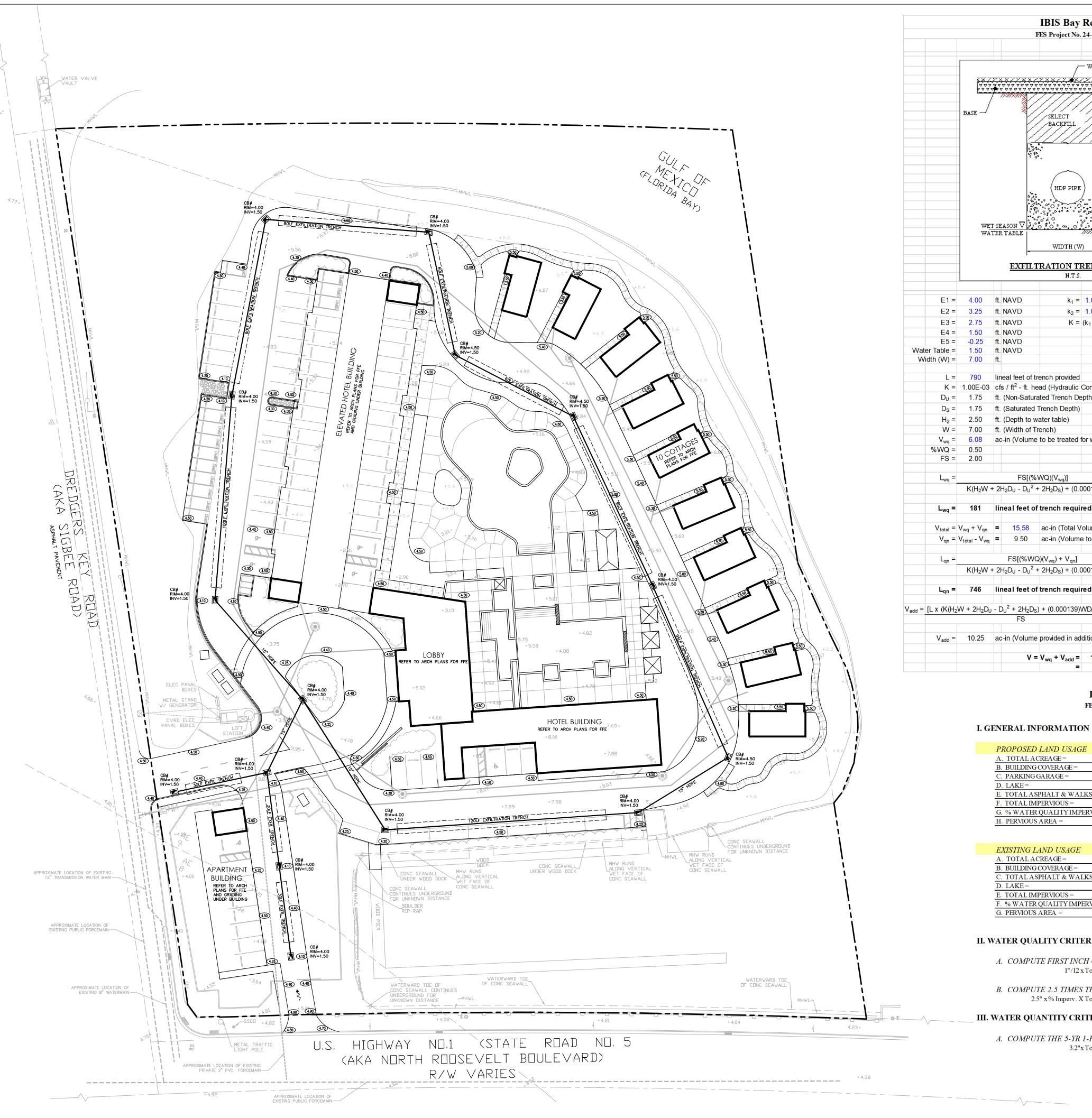
SAFETY PLAN AT **SECOND LEVEL**

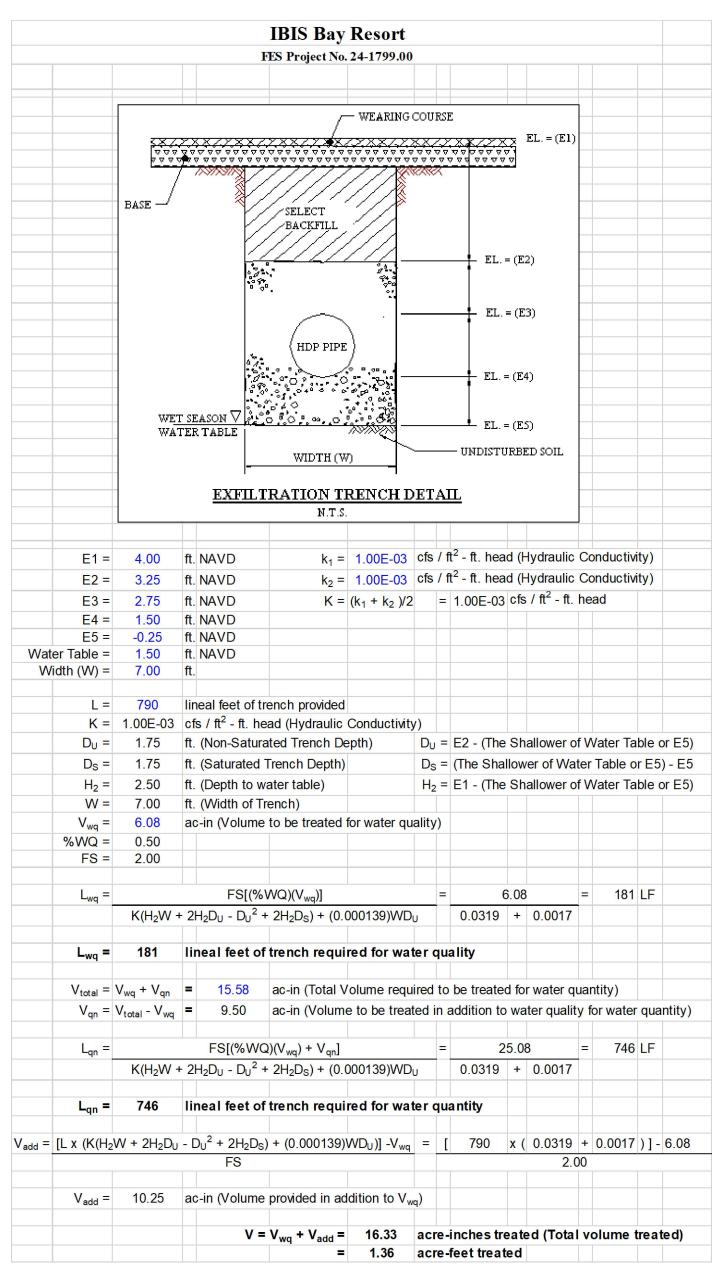
 $\sum_{i=1}^{n}$

PROJECT #: 23.01

SHEET:

FEBRUARY 27, 2025





IBIS Bay Resort FES Project No. 24-1799.00

PROPOSED LAND USAGE				
A. TOTAL A CREAGE =	212,020 SF =	4.87 AC		
B. BUILDING COVERAGE =	28,765 SF =	0.66 AC	14%	
C. PARKING GARAGE =	0 SF =	0.00 AC	0%	
D. LAKE=	67,057 SF =	1.54 AC	32%	
E. TOTAL ASPHALT & WALKS=	67,934 SF =	1.56 AC	32%	
F. TOTAL IMPERVIOUS =	163,756 SF =	3.76 AC		77%
G. % WATER QUALITY IMPERVIOUS =			58%	
H. PERVIOUS AREA =	48,264 SF=	1.11 AC		23%
				100%

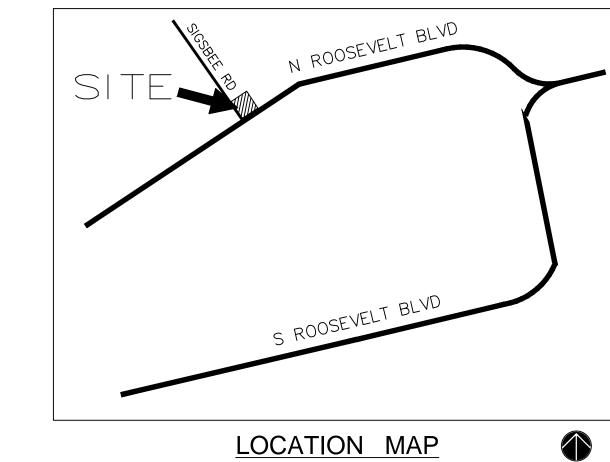
EXISTING LAND USAGE				
A. TOTAL ACREAGE =	212,020 SF =	4.87 AC		
B. BUILDING COVERAGE =	22,395 SF =	0.51 AC	11%	
C. TOTAL ASPHALT & WALKS =	52,467 SF =	1.20 AC	25%	
D. LAKE=	67,057 SF =	1.54 AC	69%	
E. TOTAL IMPERVIOUS =	141,919 SF =	3.26 AC		67%
F. % WATER QUALITY IMPERVIOUS =			63%	
G. PERVIOUS AREA =	70.101 SF=	1.61 AC		33%

II. WATER QUALITY CRITERIA

- A. COMPUTE FIRST INCH OF RUNOFF FROM TOTAL SITE $1''/12 \times Total A creage = 0.41 A C-FT=$ 4.87 AC-IN
- B. COMPUTE 2.5 TIMES THE % OF "WATER QUALITY" IMPERVIOUS 2.5" x % Imperv. X Total Acerage = 0.51 AC-FT=

III. WATER QUANTITY CRITERIA

A. COMPUTE THE 5-YR 1-HOUR VOLUME FOR TOTAL SITE 3.2"x Total Acreage = 1.30 AC-FT= 15.58 AC-IN



LOCATION MAP

FLOOD DATA: COMMUNITY NO.: 120168 & 125129 MAP NO.: 12087C-1509K MAP DATE: 02-18-2005 FLOOD ZONE: AE BASE ELEVATION(S): 9.0' AVERAGE WET SEASON WATER LEVEL= ELEV. (1.50) NGVD

LEGEND:

- (0.00) PROPOSED ELEVATION (NGVD) \$\phi 5.32 EXISTING ELEVATION (NGVD)
- PROPOSED CATCH BASIN PROPOSED PLUG
- WATER METER
- DOUBLE DETECTOR CHECK W/ WAFER CHECK VALVE ON DOWNSTREAM SIDE REDUCED PRESSURE
- BACKFLOW PREVENTOR DIRECTIONAL FLOW ARROW AND GRAVITY SEWER
- PROPOSED MANHOLE - W - WATER MAIN
- -FM SANITARY FORCE MAIN **VALVE**
- FIRE HYDRANT SIAMESE CONNECTION CLEANOUT
- EDGE OF PROPOSED PAVEMENT (ASPHALT) DIRECTION OF SURFACE DRAINAGE
 - SAMPLE POINT --W-- EXIST. WATER MAIN
 - EXIST. UTILITY LINE TO BE ABANDONED IN PLACE

GRADING AND DRAINAGE NOTES:

1. ALL CONSTRUCTION SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE CITY OF KEY

2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL GIVE TIMELY NOTIFICATION TO ALL UTILITY COMPANIES WITH FACILITIES IN THE AREA.

3. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO SAFEGUARD ALL EXISTING STRUCTURES, UTILITIES, AND SURVEY MARKERS.

4. ALL STORM DRAINAGE LINE FROM THE BLDG SHALL BE LAID @ 1.0% MINIMUM SLOPE UNLESS NOTED OTHERWISE ON PLANS.

5. CLEANOUTS ON STORM DRAINAGE LINES ARE TO BE ADJUSTED TO BE FLUSH W/FINISHED GRADE. 6. CONTRACTOR SHALL PROVIDE FITTINGS (WYES, TEE, REDUCERS, ETC.) AS REQUIRED TO FURNISH A COMPLETE WORKING SYSTEM BASED ON THE LAYOUT SHOWN ON THESE PLANS. 7. LANDSCAPED AREAS SHALL BE GRADED TO DRAIN TO THE CATCH BASIN INLETS. FIELD ADJUST

GRADING AS REQUIRED. 8. SITE UTILITY CONTRACTOR SHALL COORDINATE WITH THE BUILDING PLUMBING CONTRACTOR FOR EXACT LOCATION OF CONNECTION POINTS BETWEEN THE BUILDING AND SITE WATER, SEWER AND DRAINAGE LINES (VERTICALLY AND HORIZONTALLY).

9. RECTANGULAR CATCH BASIN AND YARD DRAIN GRATES SHALL BE INSTALLED SUCH THAT THE LONG AXIS OF GRATE PARALLELS THE CLOSEST ADJACENT WALK, BLDG., DRIVE WAY, PROPERTY LINE, OR

10. COORDINATE LOCATION IN FIELD OF ALL CATCH BASINS & YARD DRAINS WITH LANDSCAPE CONTRACTOR TO AVOID CONFLICTS.

12. SLOPE ON SIDEWALKS SHALL NOT EXCEED 5% SLOPE IN DIRECTION OF TRAVEL OR 2% CROSS

11. CENTERLINE OF YARD DRAINS @ BASE OF DOWN SPOUTS MUST ALIGN WITH CENTERLINE OF DOWN SPOUT PRIOR TO FINAL ACCEPTANCE BY OWNER. REFERENCE ARCH. PLANS FOR EXACT LOCATION OF

SLOPE. NOTIFY ENGINEER PRIOR TO CONSTRUCTION OF ANY GRADING THAT DOES NOT COMPLY WITH 13. SLOPE IN HANDICAP PARKING AND ACCESS AISLES SHALL NOT EXCEED 2% CROSS SLOPE. NOTIFY ENGINEER PRIOR TO CONSTRUCTION OF ANY GRADING THAT DOES NOT COMPLY WITH THIS

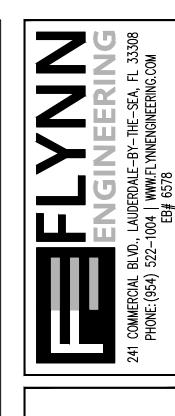
REQUIREMENT. 14. SLOPE IN CROSSWALKS SHALL NOT EXCEED 2% CROSS SLOPE. NOTIFY ENGINEER PRIOR TO

CONSTRUCTION OF ANY GRADING THAT DOES NOT COMPLY WITH THIS REQUIREMENT. 15. SURVEY INFORMATION BASED ON SURVEY PROVIDED BY FLORIDA KEYS LAND SURVEYING DATED 08/28/2023.

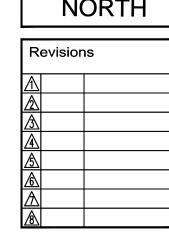
16. ELEVATIONS SHOWN ARE NGVD88.

17. FINAL RIM ELEVATIONS SHALL BE FIELD ADJUSTED TO MATCH SLOPE OF PROPOSED PAVEMENT. 20. ASPHALT PAVEMENT RESTORATION ON CITY RIGHT—OF—WAY MUST BE PERFORMED BY A LICENSED ENGINEERING CONTRACTOR OR PAVING CONTRACTOR IN BROWARD COUNTY.









Phase: PERMIT DOCUMENTS

SEAL

1"=30' 08/09/2 Plot Date 24-1799.00 08/09/24

Drawn by Proj. Mgr. Appr. by

WATER AND SEWER NOTES:

1.CONTRACTOR SHALL PROVIDE FITTINGS (WYES, TEE, REDUCERS, ETC.) AS REQUIRED TO FURNISH A COMPLETE WORKING SYSTEM BASED ON THE LAYOUT SHOWN ON THESE PLANS.

ANY EASEMENTS WITH THE CITY, CONTRACTOR'S SURVEYOR MUST COORDINATE WITH THE CITY AND PROVIDE ALL NECESSARY EASEMENT DOCUMENTATION TO THE OWNER. THE OWNER MUST THEN PROVIDE ALL RECORDED UTILITY EASEMENT DOCUMENTS TO THE CITY PRIOR TO FINAL ACCEPTANCE.

REGARDLESS OF WHETHER OR NOT THE UTILITY OR THE CONTRACTOR PERFORMS THE WORK.

4. SITE UTILITY CONTRACTOR SHALL COORDINATE WITH THE BUILDING PLUMBING CONTRACTOR FOR EXACT LOCATION OF CONNECTION POINTS BETWEEN THE BUILDING AND SITE WATER, SEWER AND DRAINAGE LINES (VERTICALLY AND HORIZONTALLY).

5. W.M./S.S. MAINS TO BE LOCATED 5' CLEAR OF ALL OBSTRUCTIONS, POLES, BOXES, CULVERTS, ETC. W.M./S.S. MAINS MUST BE LOCATED 5' FROM TREES. F.H.'S MUST HAVE A 7.5' CLEAR RADIUS FROM ALL OBSTRUCTIONS.

6. PRESSURE TESTING AND CERTIFICATION SHALL FOLLOW THE FDEP, CITY OF FORT LAUDERDALE PUBLIC WORKS DEPARTMENT, AND FLYNN ENGINEERING SERVICES STANDARDS.

WM-WM CROSSING AND WM-FM CROSSING. CONTRACTOR SHALL CALL 811 AND LOCATE UTILITY CROSSINGS PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES. ALL SANITARY SEWER LATERALS SHALL CROSS UNDER WATER MAINS WHERE ABLE. IF THE WATER MAIN MUST CROSS BELOW THE SEWER, A MINIMUM OF 12' SEPARATION SHALL BE PROVIDED. A 20 FOOT SECTION OF DUCTILE IRON PIPE WATER MAIN CENTERED CROSSING IS REQUIRED IF LESS THAN 18" VERTICAL

THE UTILITIES OR DRAINAGE LINES THAT WILL REMAIN IN SERVICE. NOTIFY THE ENGINEER OF RECORD BEFORE REMOVING ANY UTILITIES THAT ARE CURRENTLY IN SERVICE. THE CONTRACTOR SHALL NOT REMOVE ANY UTILITY SERVICE TO ANY EXISTING BUILDING THAT WILL REMAIN AND SHALL DIG UP AND COMPLETELY REMOVE AND/OR ABANDON ANY UTILITY SERVICE THAT IS NO LONGER REQUIRED. THE

9. CONTRACTOR SHALL VERIFY EXISTING WATER MAIN LOCATION AND ELEVATION AND NOTIFY THE ENGINEER OF ANY DIFFERENCE FROM THE DESIGN PRIOR TO CONSTRUCTION AND/OR EXCAVATION.

BY A STATE LICENSED FIRE LINE CONTRACTOR PER F.S. 633.

12. FIRE LINES TO BE INSPECTED BY A CERTIFIED FIRE LINE INSPECTOR.

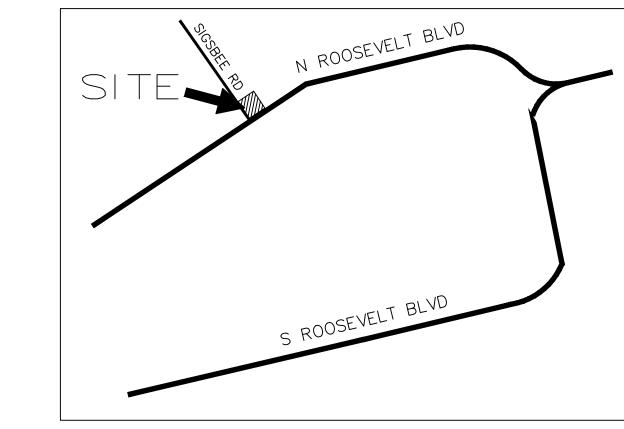
13. STATE LICENSED FIRE LINE CONTRACTOR, UPON COMPLETION OF REQUIRED TESTING, SHALL ISSUE A "LICENSED UNDERGROUND TEST CERTIFICATE" PRIOR TO ACCEPTANCE FOR PLACING FIRE LINE INTO

*15. ON-SITE MANHOLES TO HAVE STANDARD SANITARY SEWER USF 420 COVER.

17. EXFILTRATION TESTING AND LAMPING OF THE GRAVITY SEWER SHALL BE COORDINATED BY THE

18. ALL WATER AND SEWER WORK IN THE PUBLIC RIGHT-OF-WAY, PRIVATE THOROUGHFARES OR UTILITY

19. FINAL SEWER MANHOLE RIM ELEVATIONS SHALL BE ADJUSTED TO MATCH FINAL PAVEMENT ELEVATIONS AND MATCH PAVEMENT SLOPE AS APPLICABLE.



LOCATION MAP

FLOOD DATA:

COMMUNITY NO.: 120168 & 125129 MAP NO.: 12087C-1509K MAP DATE: 02-18-2005 FLOOD ZONE: AE BASE ELEVATION(S): 9.0'

AVERAGE WET SEASON WATER LEVEL= ELEV. (1.50) NGVD

LEGEND:

0.00 PROPOSED ELEVATION (NGVD)

\$\psi 5.32 EXISTING ELEVATION (NGVD)

PROPOSED CATCH BASIN PROPOSED PLUG

WATER METER

DOUBLE DETECTOR CHECK W/ WAFER

CHECK VALVE ON DOWNSTREAM SIDE REDUCED PRESSURE

BACKFLOW PREVENTOR

DIRECTIONAL FLOW ARROW AND GRAVITY SEWER

PROPOSED MANHOLE

- W - WATER MAIN -FM - SANITARY FORCE MAIN

VALVE

CLEANOUT

FIRE HYDRANT SIAMESE CONNECTION

EDGE OF PROPOSED PAVEMENT (ASPHALT)

DIRECTION OF SURFACE DRAINAGE SAMPLE POINT

--W-- EXIST. WATER MAIN

EXIST. UTILITY LINE TO BE

ABANDONED IN PLACE

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PERMIT DOCUMENTS

Scale: 1"=30'	Date 08/09/24
Job No.	Plot Date
24-1799.00	08/09/24
Orawn by	Sheet No.
SHG	-
SHG Proj. Mgr.	C2
	C2
Proj. Mgr.	C2

2. CONTRACTOR SHALL PROVIDE ANY EASEMENT DOCUMENTATION AROUND MH'S, BACKFLOW PREVENTORS, MAINLINES, METERS, ETC. AS REQUIRED BY THE CITY SO THAT THE OWNER MAY RECORD

3. CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH THE CITY UTILITY DEPT. ANY WATER MAIN CONNECTIONS. UTILITY CONNECTIONS AND SCHEDULE MUST BE APPROVED BY THE CITY PRIOR TO IMPLEMENTATION. THE CONTRACTOR IS REQUIRED TO PAY FOR ALL COSTS ASSOCIATED WITH THIS WORK

7. 18" VERTICAL CLEARANCE PREFERRED FOR ALL UTILITY CROSSINGS. MINIMUM OF 12" REQUIRED FOR SEPARATION OCCURS BETWEEN SEWER AND WATER MAIN.

8. ALL UNDERGROUND UTILITIES TO BE REMOVED SHALL BE CAPPED OFF AT THE POINT NEAREST TO CONTRACTOR SHALL INFORM AND CONSULT THE ENGINEER OF RECORD PRIOR TO REMOVING ANY LINES.

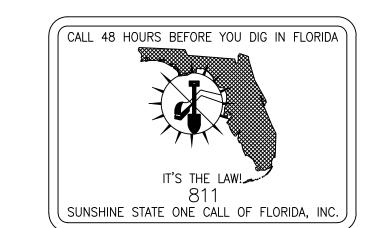
11. PROPOSED FIRE LINES (I.E. MAINS, SERVICES, SIAMESE CONNECTION LINES, ETC.) TO BE INSTALLED

14. CORING INTO EXISTING MANHOLE MAY RESULT IN COMPLETE RECONSTRUCTION OF EXISTING MANHOLE AT CONTRACTOR'S EXPENSE IF MANHOLE IS IN A DETERIORATED CONDITION.

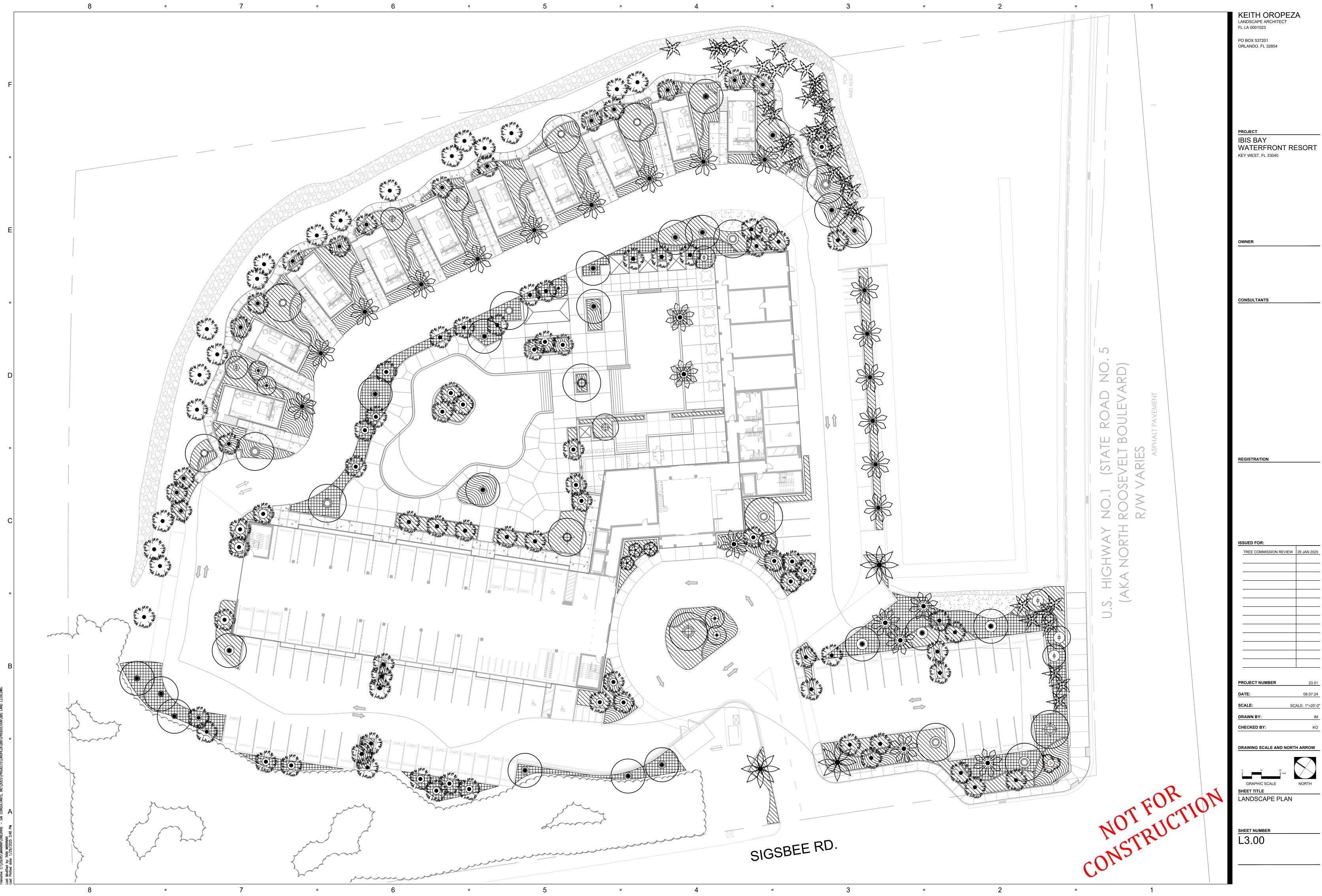
16. THE MINIMUM COVER DEPTHS FOR PVC AND DIP SEWER MAINS AR RESPECTIVELY 36 INCHES AND 30

CONTRACTOR PRIOR TO THE COMPLETION OF THE PROJECT.

EASEMENT MUST BE PERFORMED BY A LICENSED ENGINEERING CONTRACTOR OR CERTIFIED UNDERGROUND UTILITY AND EXCAVATION CONTRACTOR.







		EDULE					
/MBOL	CODE	QTY	BOTANICAL / COMMON NAME	CONTAINER	SIZE	NATIVE/NON-NATIVE	
REES							
E w	AM3	1	ADONIDIA MERRILLII / CHRISTMAS PALM	F.G.	12'-14' HT., TRIPLE	NATIVE	
	BS-65	21	BURSERA SIMARUBA / GUMBO LIMBO	65 GAL.	14'-16' HT., 4" CAL	NATIVE	
	DS-00	21	BURSERA SIMARUBA / GUMBO LIMBO	05 GAL.	14-10 H1., 4 CAL	NATIVE	
+	CD-45	6	COCCOLOBA DIVERSIFOLIA / PIGEON PLUM	45 GAL.	SINGLE, STD. 12` HT.	NATIVE	
\bigvee	05-40	ļ .	GOOGGEDEAN DIVERSIL GENATION TO ESTATE TO SERVICE TO SE	TO ONE.	OINGEE, GTB. 12 TTT.	NATIVE .	
	X-CN	39	COCOS NUCIFERA / COCONUT PALM	EXISTING TO REMAIN	EXISTING TO REMAIN	NATIVE	
MIN ANN MAN	CN	105	COCOS NUCIFERA / COCONUT PALM	F.G.	SEE PLAN FOR C.T. HT.	NATIVE	
MANN WAS		100	OCCOMENT A CONTRACT OF A CONTR	1.0.	OLE FEMALES. C. T. TIT.	10,1110	
$\left(\begin{array}{c} \\ \\ \end{array} \right)$	CS2	1	CONOCARPUS ERECTUS SERICEUS / SILVER BUTTONWOOD	65 GAL.	SINGLE LEADER, STD, 14' HT, 6' CT., 2.5" CAL	NATIVE	
\searrow							
	cs	8	CORDIA SEBESTENA / ORANGE GEIGER TREE	F.G.	12' MIN HT. X 6' SPRD, 6' CT., 3" CAL.	NON-NATIVE	
\nearrow							
\(\phi\)	DR	4	DELONIX REGIA / ROYAL POINCIANA	F.G.	14`-16` HT X 7` SPRD	NON-NATIVE	
NWW.							
The state of the s	DC-45	3	DYPSIS CABADAE / CABADA PALM	45 GAL.	10`-12` HT. X 5`-6` SPRD., 6` CT., 3" MIN CAL., SINGLE LEADER	NON-NATIVE	
	PM	3	PHOENIX DACTYLIFERA 'MEDJOOL' / MEDJOOL DATE PALM	FG	STD. SPECIMEN	NON-NATIVE	
<u> </u>							
	RE	24	ROYSTONEA ELATA / FLORIDA ROYAL PALM	F.G.	14` GW; SPECIMEN	NATIVE	
	SM-65	12	SWIETENIA MAHAGONI / MAHOGANY	65 GAL.	14'-16' HT., 3" CAL.	NATIVE	
MBOL	CODE	QTY	BOTANICAL / COMMON NAME	CONT	SIZE	NIATIVE (NIONI NIATIVE	CDACING
	•	JQII	BOTANICAL / COMMON NAME	CONT	SIZE	NATIVE/NON-NATIVE	SPACING
RUB ARE	A3	5,715 SF	SCREENING SHRUBS				
	CS2	1,454	CONOCARPUS ERECTUS SERICEUS / SILVER BUTTONWOOD	65 GAL.	SINGLE LEADER, STD, 14' HT, 6' CT., 2.5" CAL	NATIVE	33% @ 14' o
	GL	11,402	GYMNANTHES LUCIDA / CRABWOOD	25 GAL.	6` HT	NATIVE	33% @ 5' o.d
	CA-15	18,172	CLUSIA ROSEA / AUTOGRAPH TREE	15 GAL.	4`-5` HT	NATIVE	34% @ 4" o.
	1	10,760 SF	SHRUBS AND GROUNDCOVERS				
	MF-45	4,472	MYRCIANTHES FRAGRANS / SIMPSON'S STOPPER	45 GAL	MULTI, 6' HT MIN. FULL	NATIVE	10% @ 6' o.d
	EF-15	10,062	EUGENIA FOETIDA / SPANISH STOPPER	15 GAL.	6` HT. MIN., FULL	NATIVE	10% @ 4" o.
/////	HR-7	40,254 25,762	HIBISCUS ROSA-SINENSIS / CHINESE HIBISCUS IXORA X `NORA GRANT` / IXORA `NORA GRANT	7 GAL.	3` HT. FTG 18"-24" OA.	NON-NATIVE	10% @ 2" o. 10% @ 2.5"
/////	IN-3 PH-3	25,762	PHILODENDRON BIPINNATIFIDUM / CUT LEAF PHILODENDRON	3 GAL.	18"-24" OA.	NON-NATIVE NON-NATIVE	10% @ 2.5"
/////	CI-3	278	CHRYSOBALANUS ICACO / COCO PLUM	3 GAL.	24" OA. MIN.	NATIVE	10% @ 24" 0
	FG-3	278	FICUS MICROCARPA 'GREEN ISLAND' / GREEN ISLAND FICUS	3 GAL.	18"-24" OA.	NATIVE	10% @ 24" c
	MS-3	278	MICROSORUM SCOLOPENDRIA / WART FERN	3 GAL.	FULL IN POT	NON-NATIVE	10% @ 24" 0
//////	PN-3	124	PSYCHOTRIA NERVOSA / WILD COFFEE	3 GAL.	FULL IN POT	NATIVE	10% @ 36" 0
) SB-3	124	SPARTINA BAKERI / SAND CORD GRASS	3 GAL.	24"-30" OA, FULL	NATIVE	10% @ 36" o
		6,172 SF	ACCENT SHRUBS AND GROUNDCOVERS				
	AS-1	314	ARACHNIODES SIMPLICIOR / INDIAN HOLLY FERN	1 GAL.	FULL IN POT	NON-NATIVE	11% @ 18" 0
	AD-1	314	ASPARAGUS DENSIFLORUS 'MYERS' / FOXTAIL FERN	1 GAL	FULL IN POT	NON-NATIVE	11% @ 18" 0
	AT-1	314 314	ASPLENIUM TRICHOMANES / MAIDENHAIR SPLEENWORT ERNODEA LITTORALIS / GOLDEN CREEPER	1 GAL	FULL 10"-14" HT. X 5-7 PPP	NATIVE NON-NATIVE	11% @ 18" c
		707	FICUS PUMILA / CREEPING FIG	1 GAL	FULL IN POT	NATIVE NATIVE	11% @ 12" c
	EL-1 FP-1	1.0.	IRIS VERSICOLOR / BLUE FLAG	3 GAL.	24", FULL	NATIVE	11% @ 30" c
	FP-1	107	TINO VERGICOLORY DEGLI LAG		6"HT X 12"-14" SPRD		11% @ 18" c
	4	107 314	LANTANA MONTEVIDENSIS / PURPLE TRAILING LANTANA	1 GAL	0 H A 2 - 14 SPRD	NATIVE	1
	FP-1 IV-3	314 314		1 GAL.	10"-14" HT. X 5-7 PPP	NON-NATIVE	11% @ 18" c
	FP-1 IV-3 LP-1	314	LANTANA MONTEVIDENSIS / PURPLE TRAILING LANTANA				11% @ 18" c
MBOL	FP-1 IV-3 LP-1 LM-1	314 314	LANTANA MONTEVIDENSIS / PURPLE TRAILING LANTANA LIRIOPE MUSCARI 'BIG BLUE' / LIRIOPE	1 GAL.	10"-14" HT. X 5-7 PPP	NON-NATIVE NON-NATIVE	11% @ 18" o 12% @ 8" o.c
MBOL COUND CO	FP-1 IV-3 LP-1 LM-1 OJ-1	314 314 1,728	LANTANA MONTEVIDENSIS / PURPLE TRAILING LANTANA LIRIOPE MUSCARI `BIG BLUE` / LIRIOPE OPHIOPOGON JAPONICUS / MONDO GRASS	1 GAL. 1 GAL	10"-14" HT. X 5-7 PPP	NON-NATIVE NON-NATIVE	11% @ 18' 12% @ 8" (

KEITH OROPEZA
LANDSCAPE ARCHITECT
FL LA 0001023

PO BOX 537201 ORLANDO, FL 32854

PROJECT

IBIS BAY
WATERFRONT RESORT
KEY WEST, FL 33040

OWNER

CONSULTANTS

REGISTRATION

SSUED FOR:

TREE COMMISSION REVIEW 29 JAN 2025

 DATE:
 06.07.24

 SCALE:
 IM

 DRAWN BY:
 KO

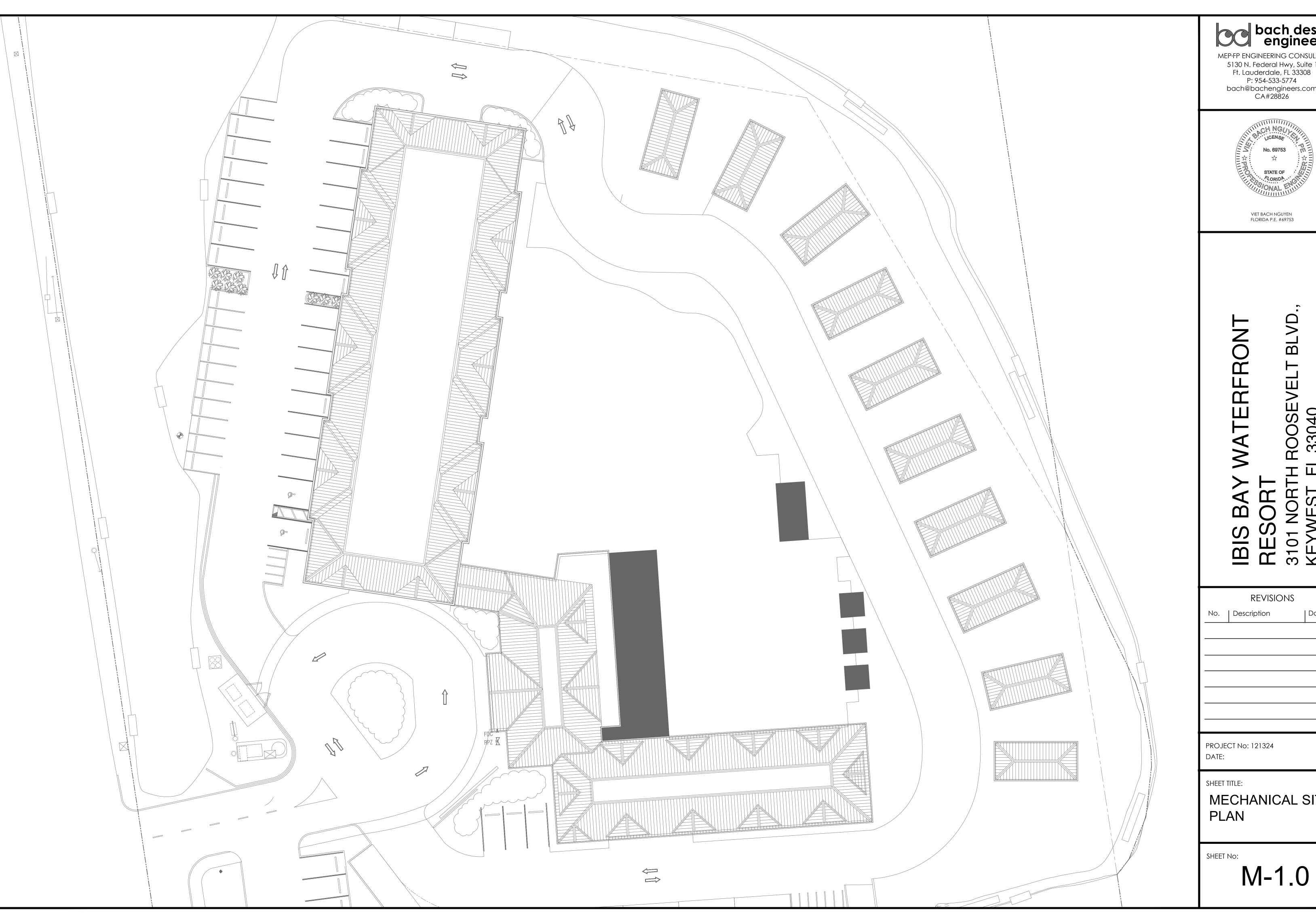
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PLANT SCHEDULE

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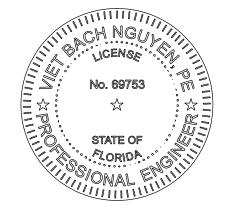
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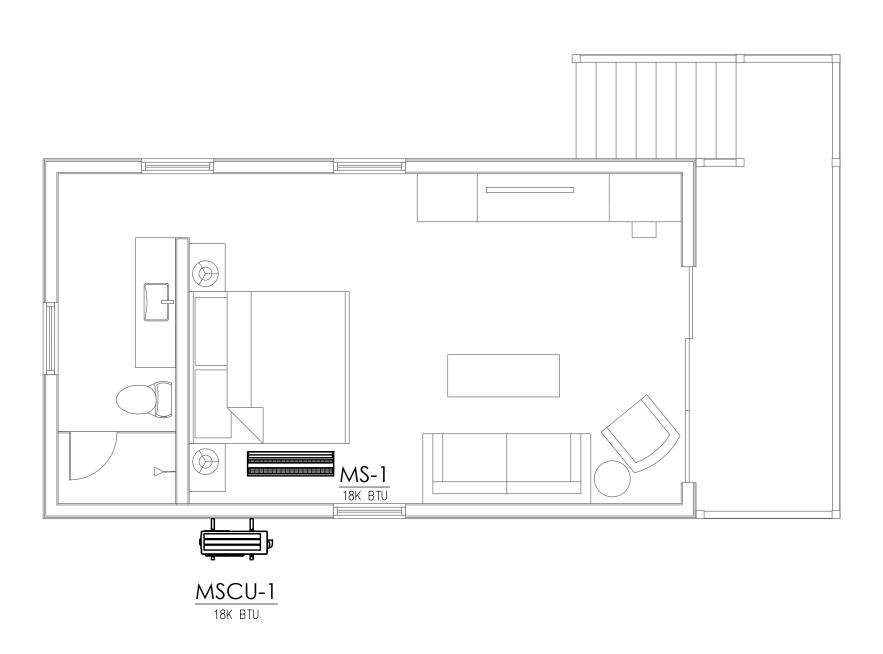
MEP-FP ENGINEERING CONSULTANTS 5130 N. Federal Hwy, Suite 1
Ft. Lauderdale, FL 33308
P: 954-533-5774
bach@bachengineers.com
CA#28826



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MECHANICAL SITE

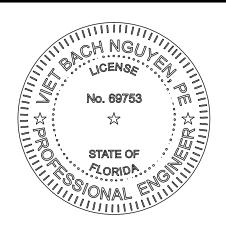


MECHANICAL FLOOR PLAN

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



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IBIS BAY WATERFRONT RESORT 3101 NORTH ROOSEVELT BLVD., KEYWEST, FL 33040

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No.	Description	Date	
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PROJECT No: 121324 DATE:

SHEET TITLE:

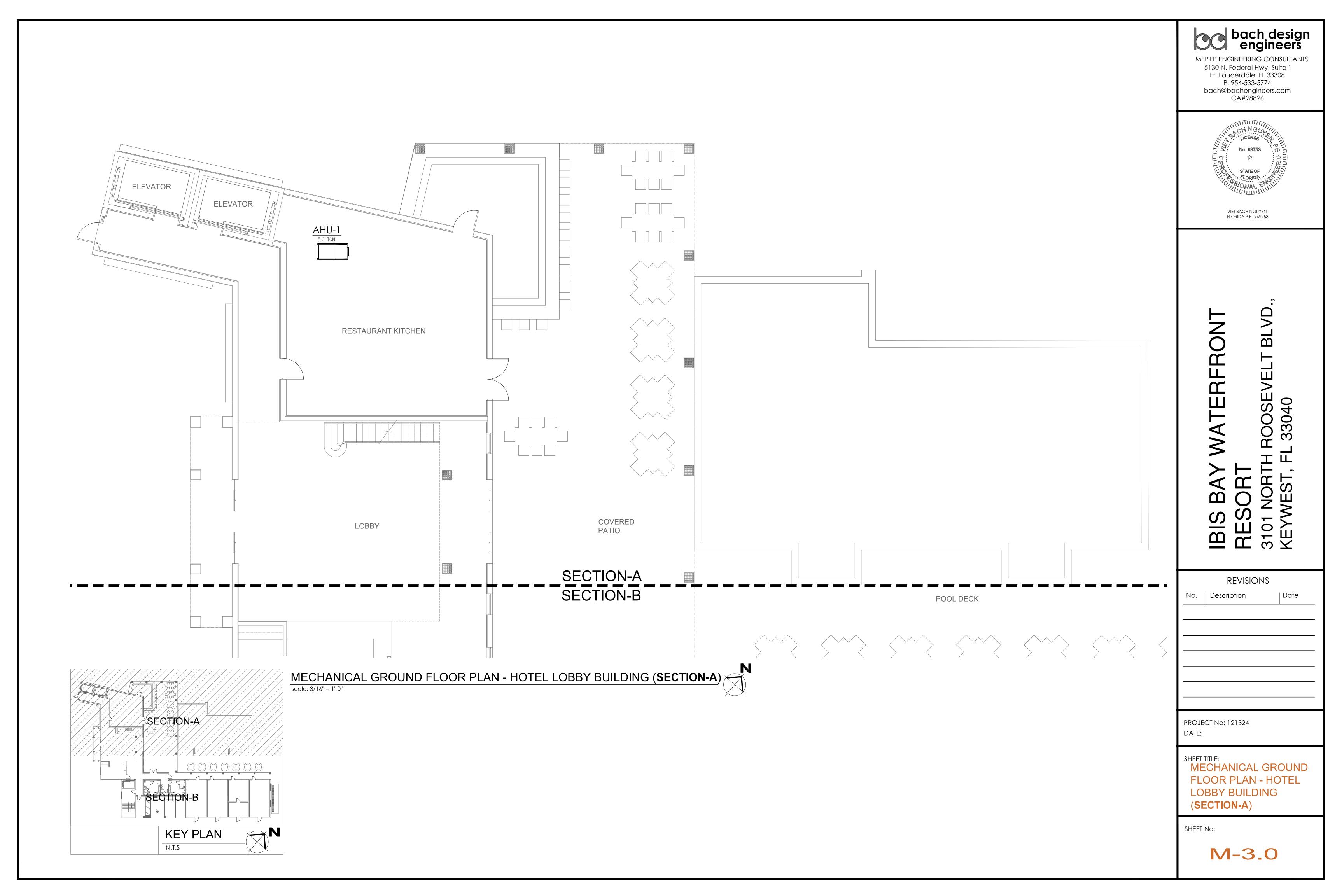
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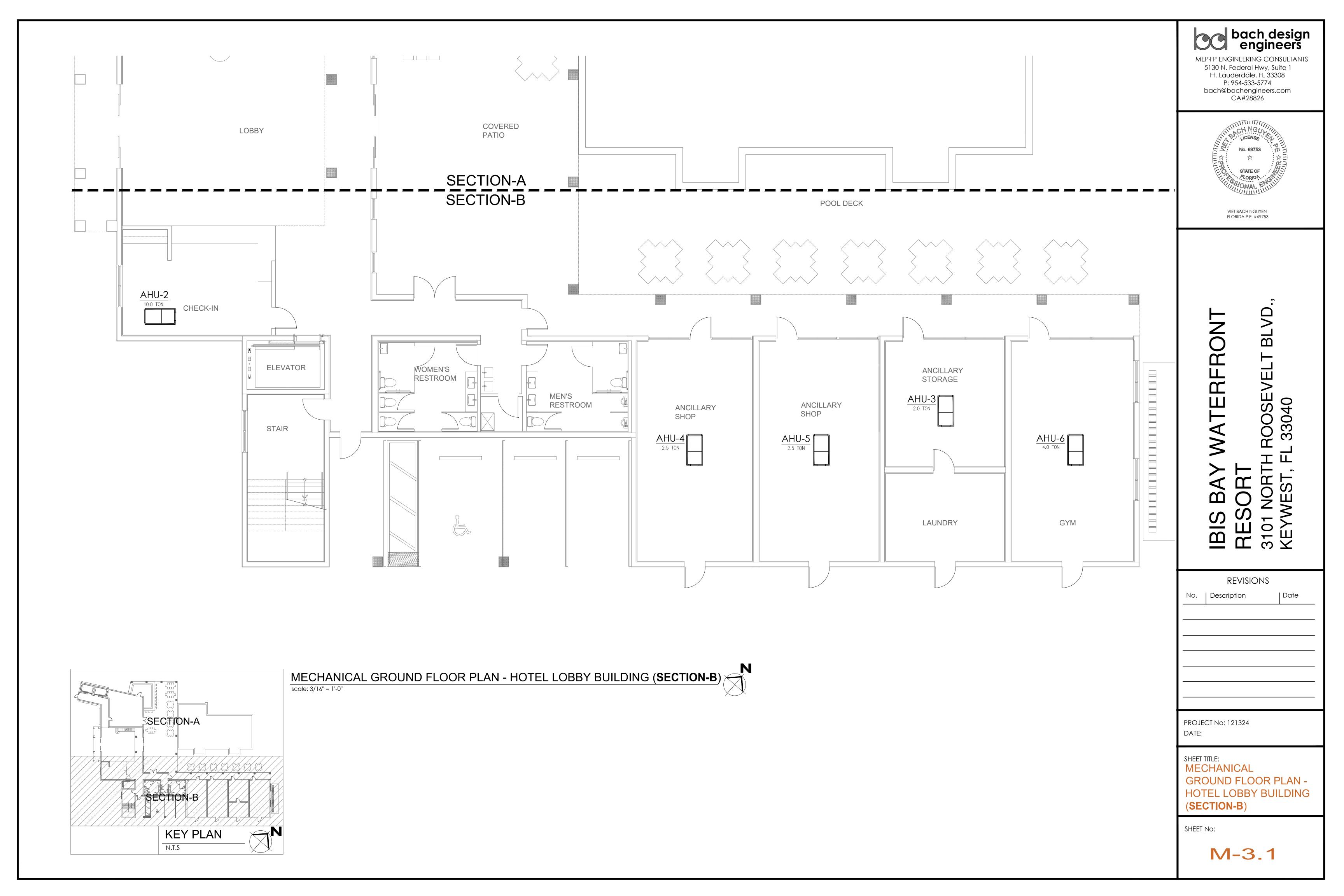
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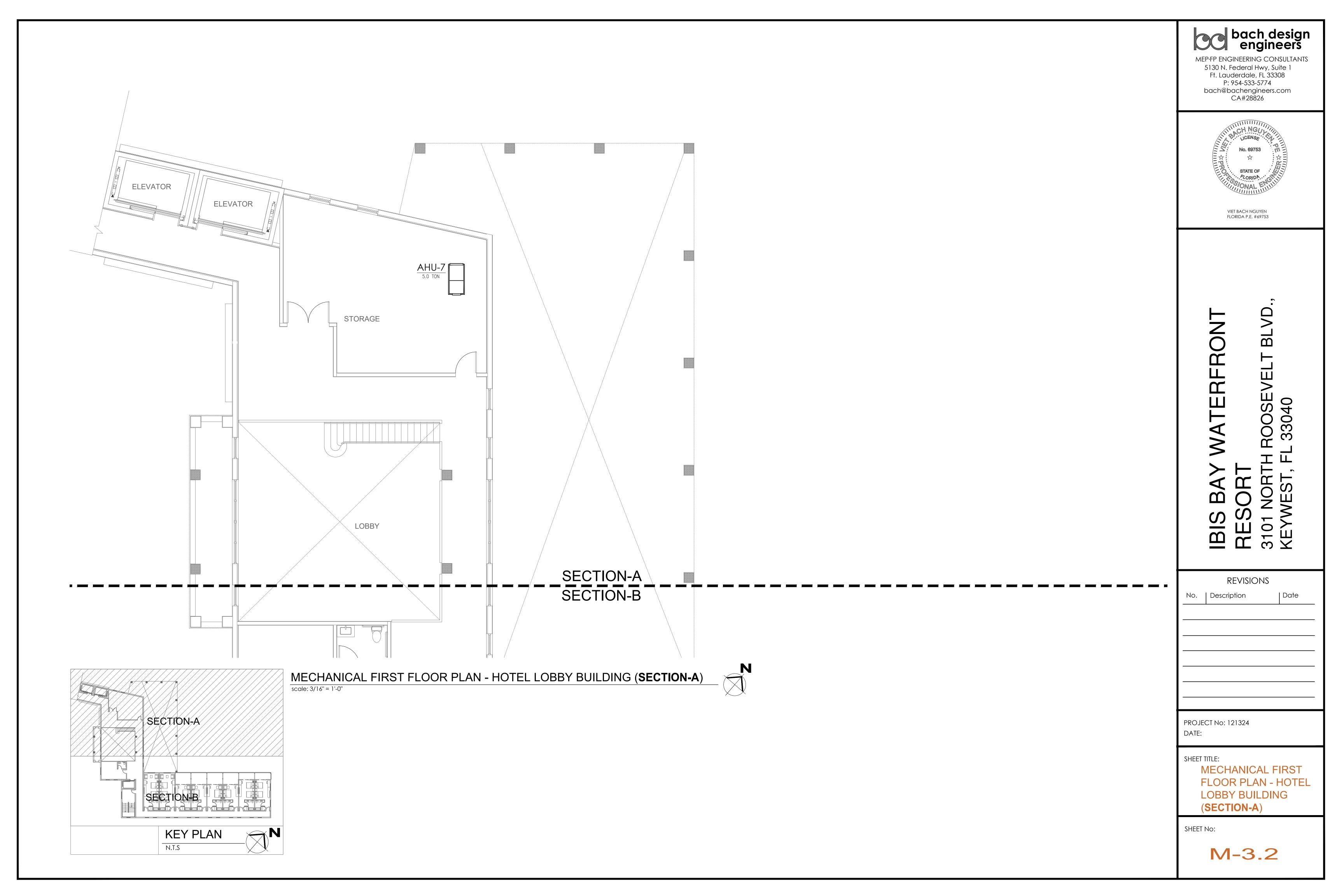
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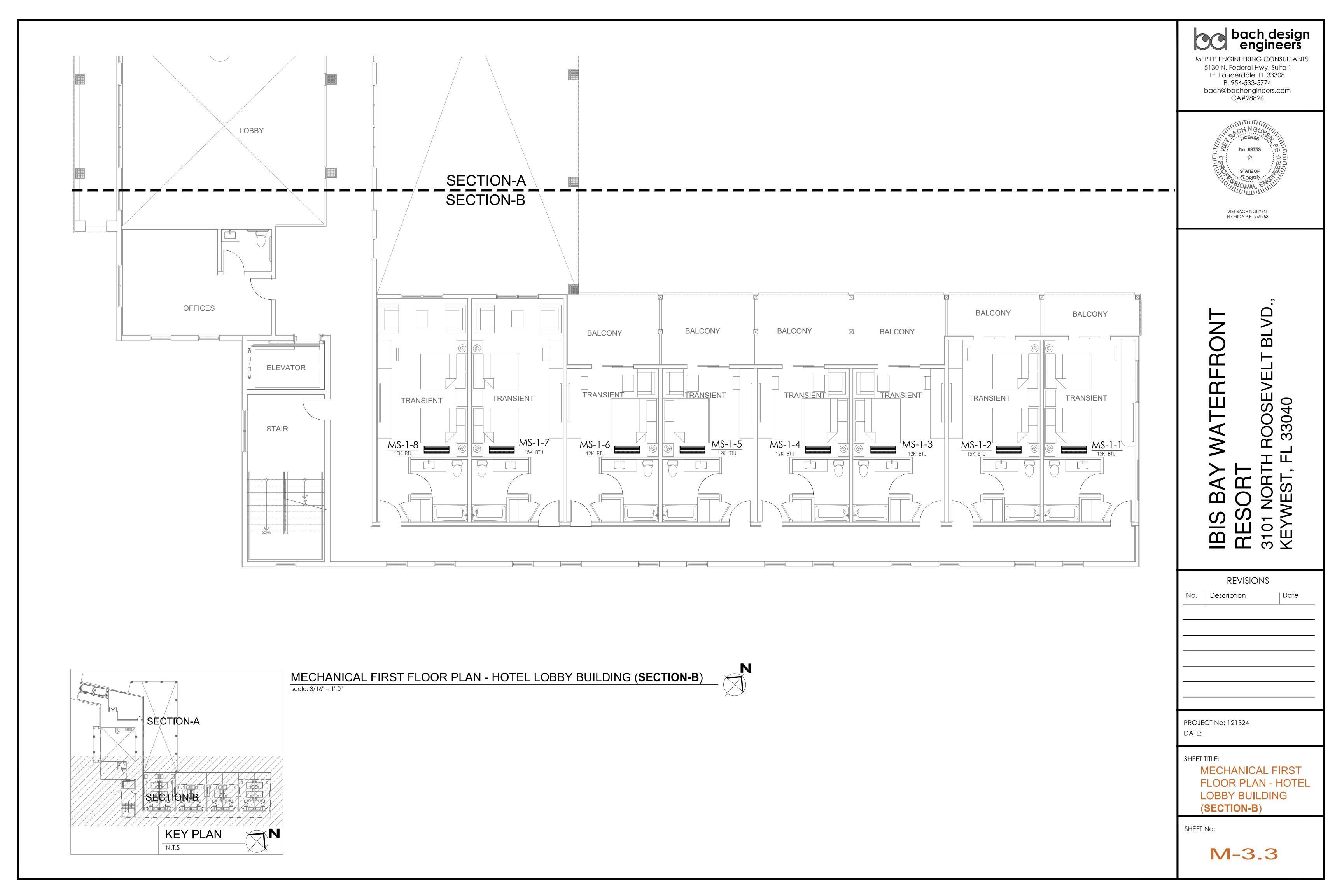
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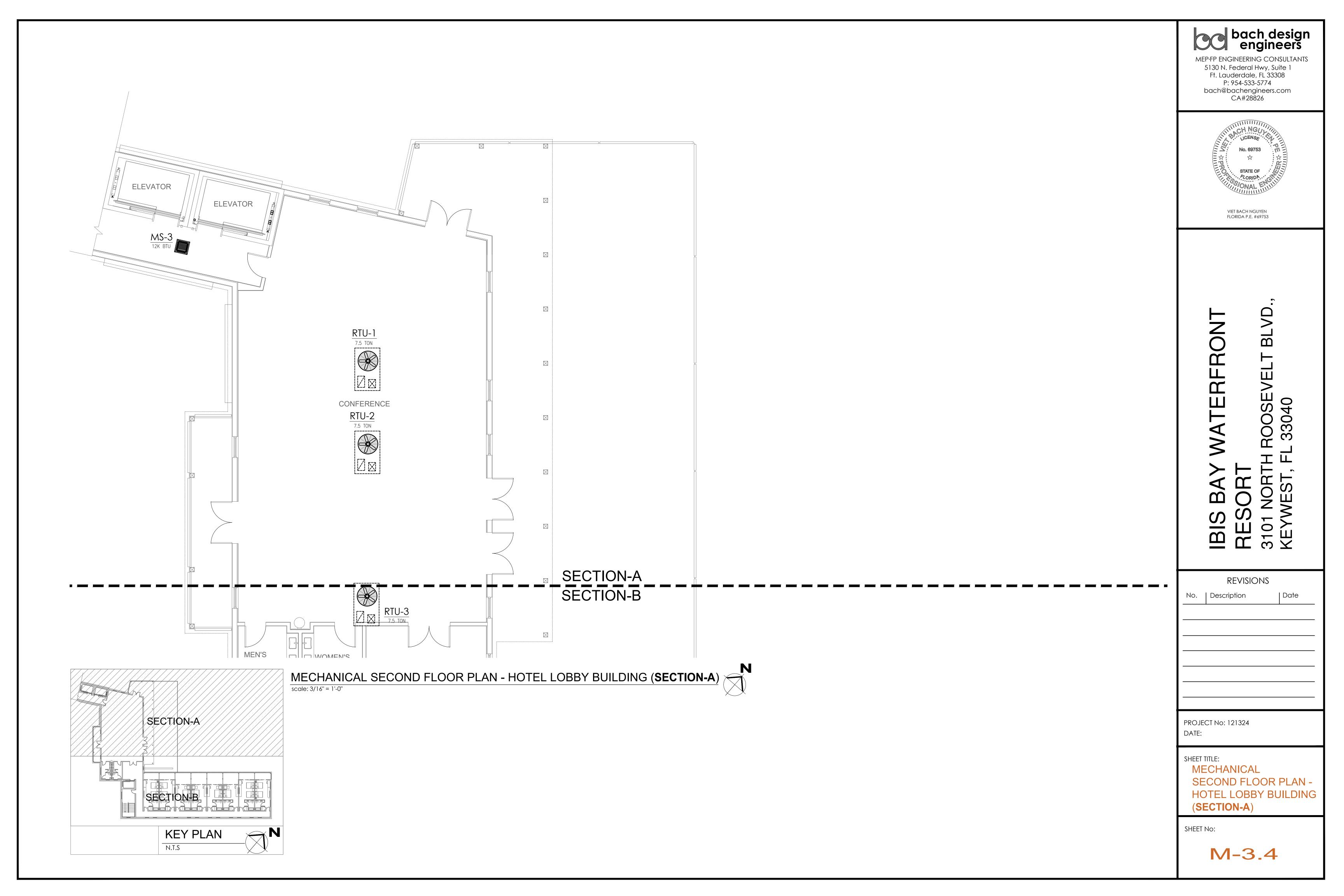
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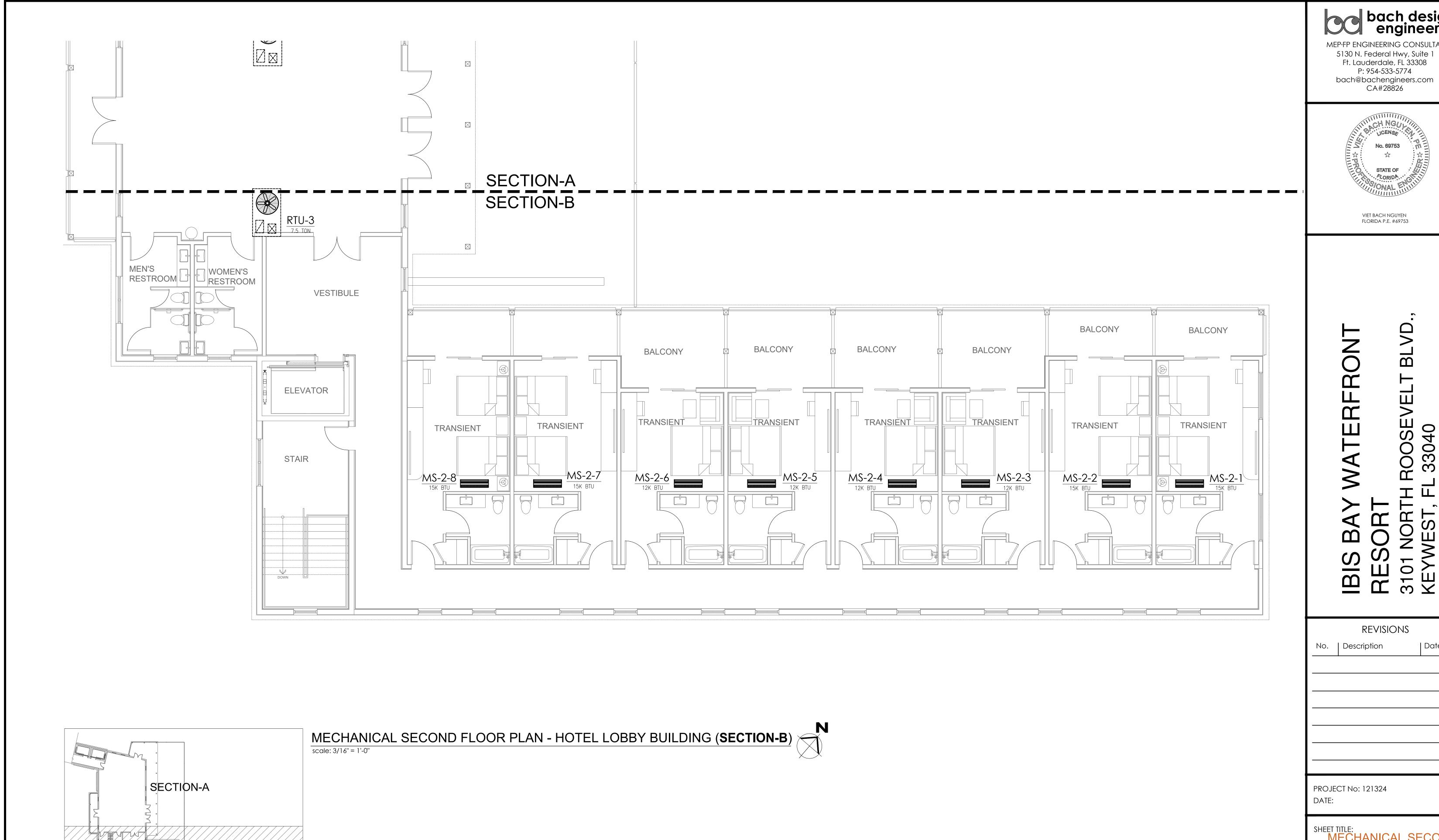








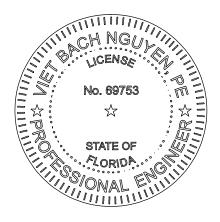




KEY PLAN

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FL 33040

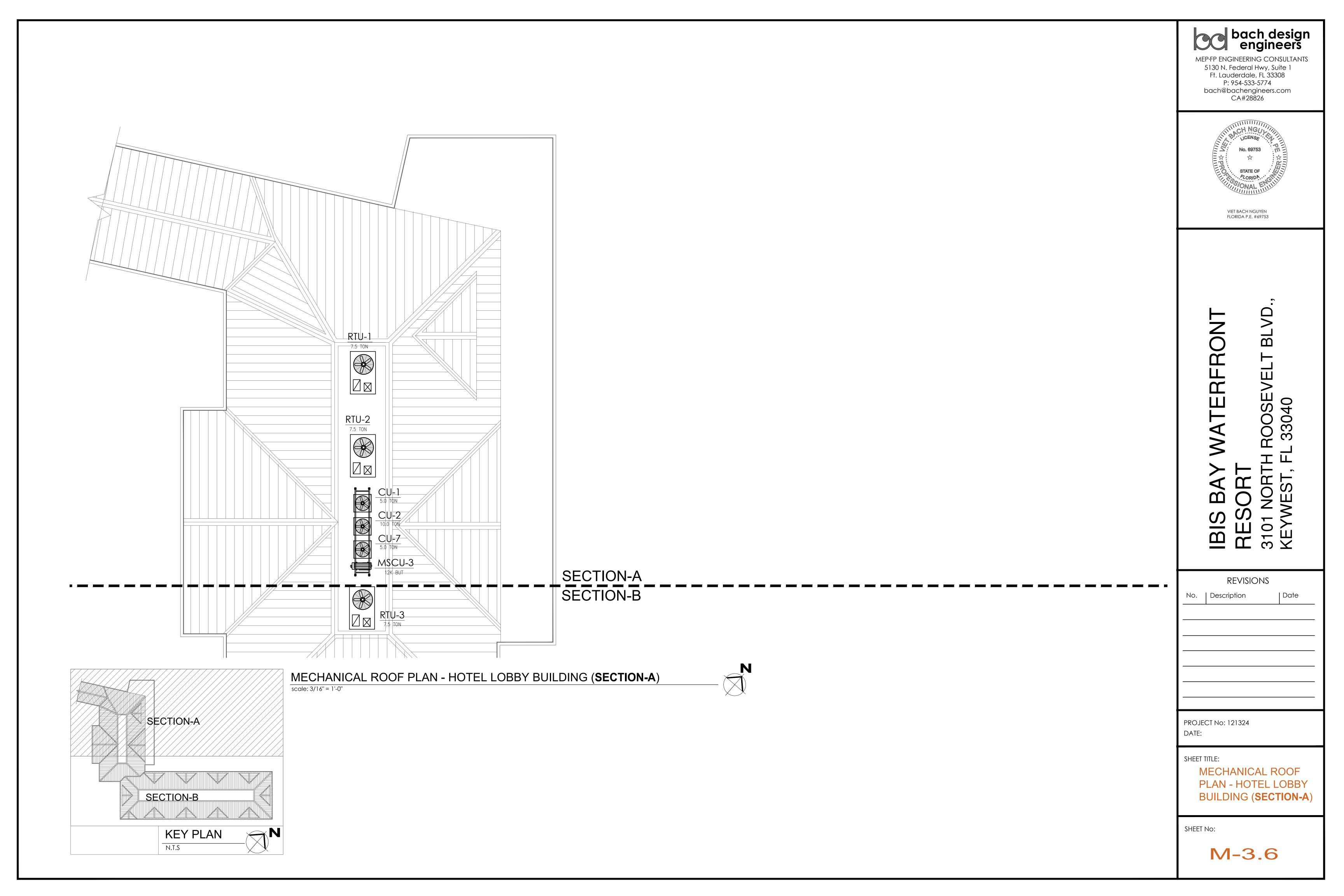
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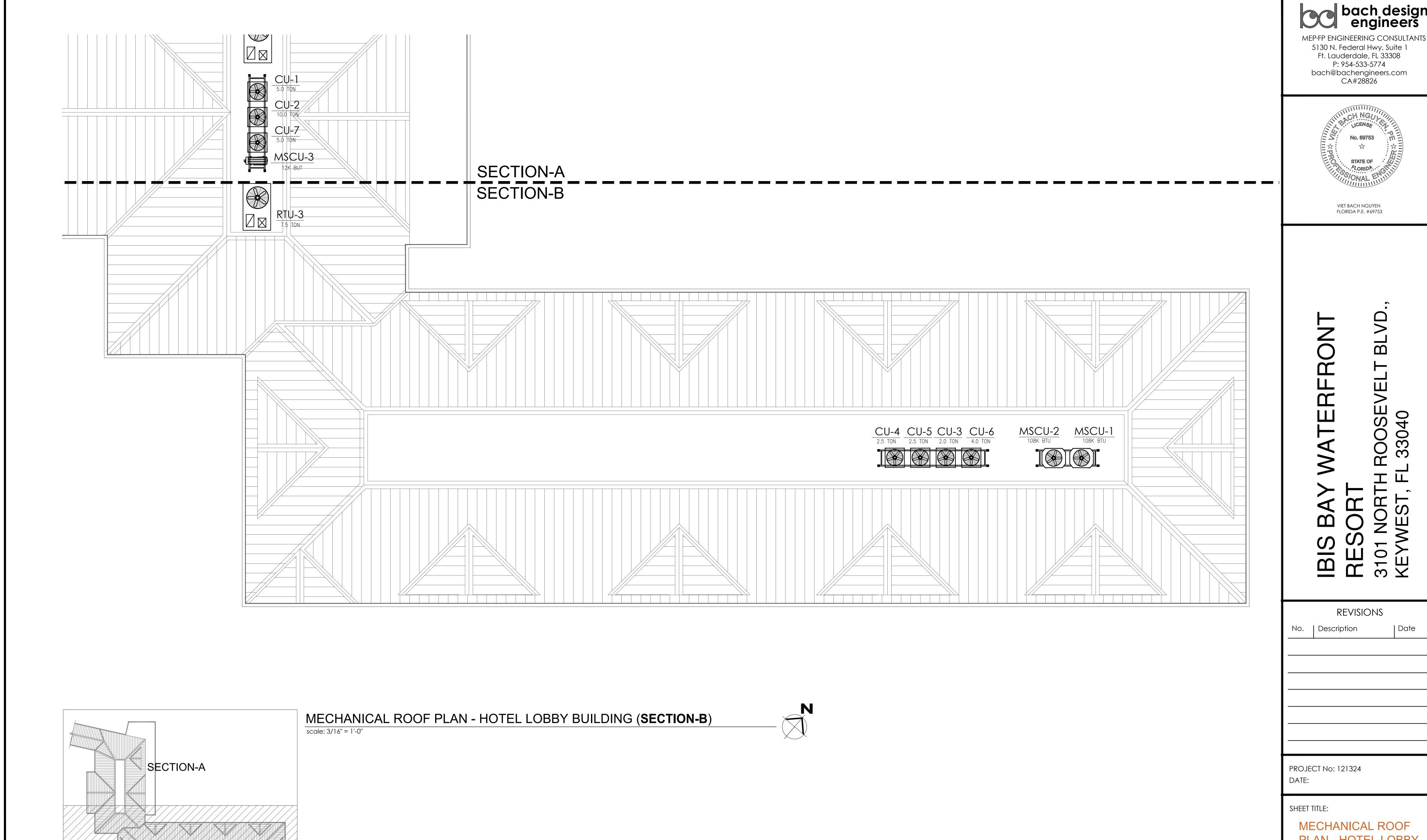
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SHEET No:

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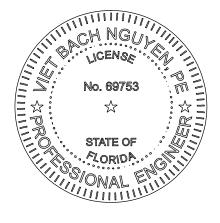




SECTION-B

KEY PLAN

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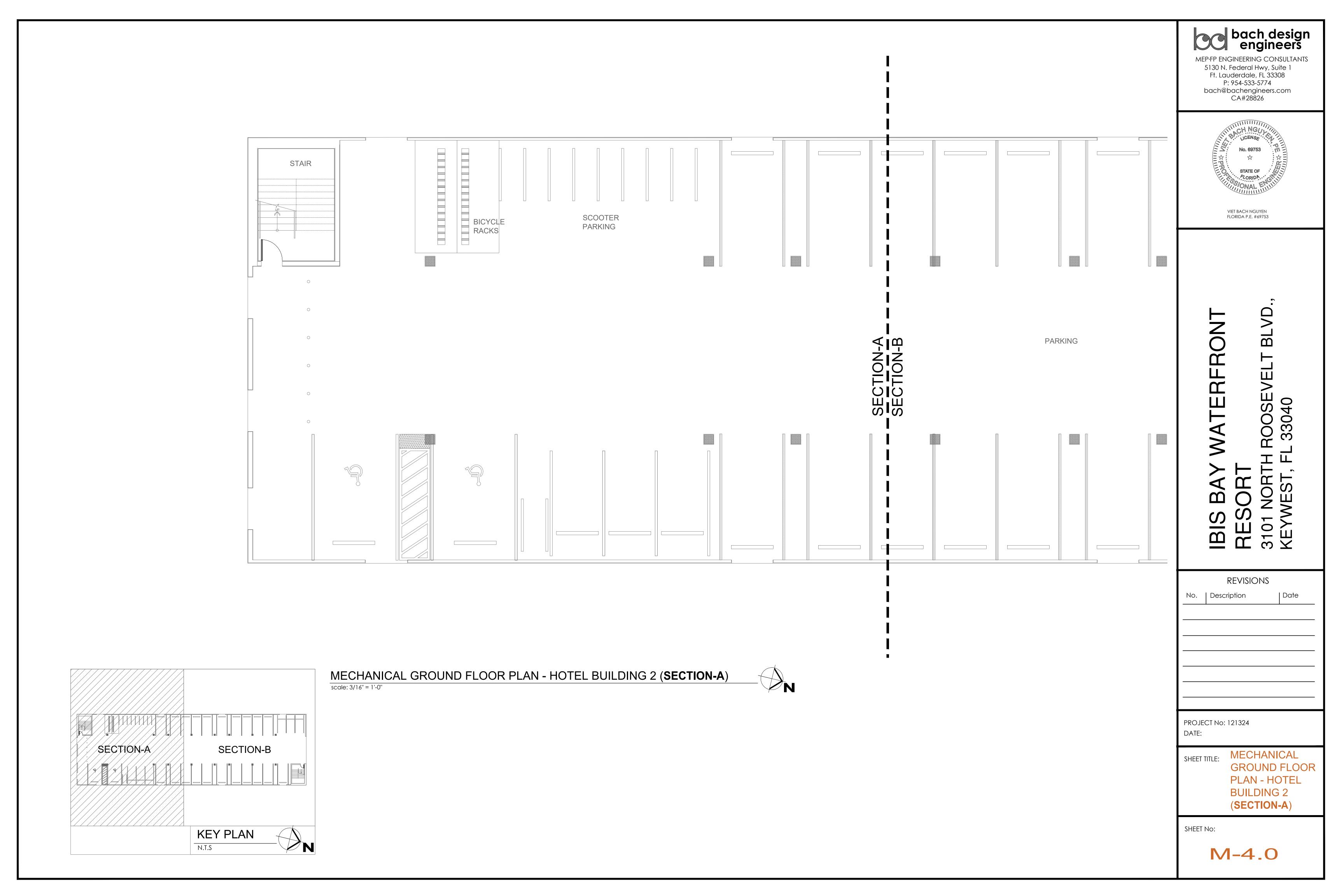


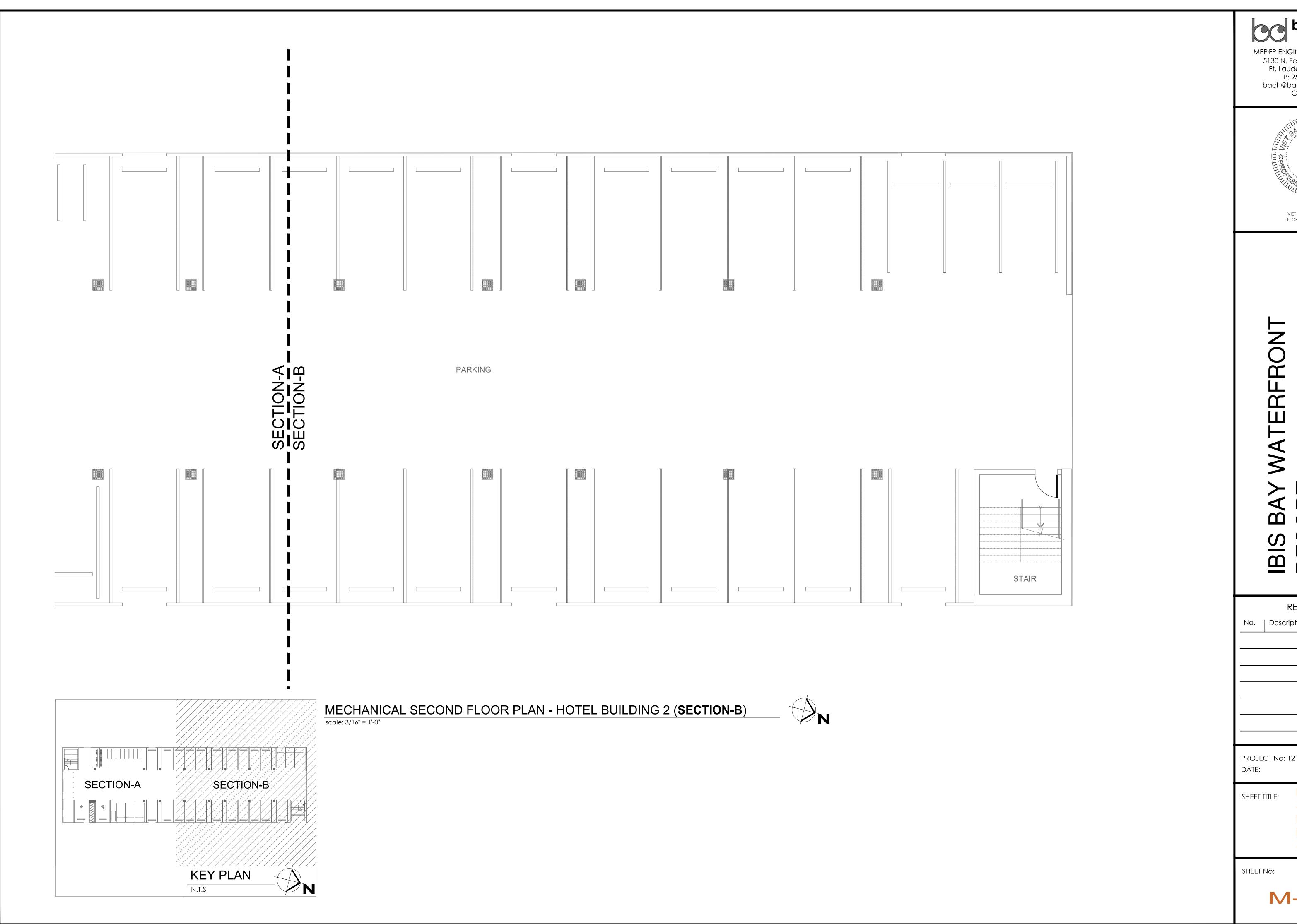
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MECHANICAL ROOF PLAN - HOTEL LOBBY BUILDING (SECTION -B)

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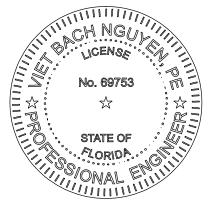
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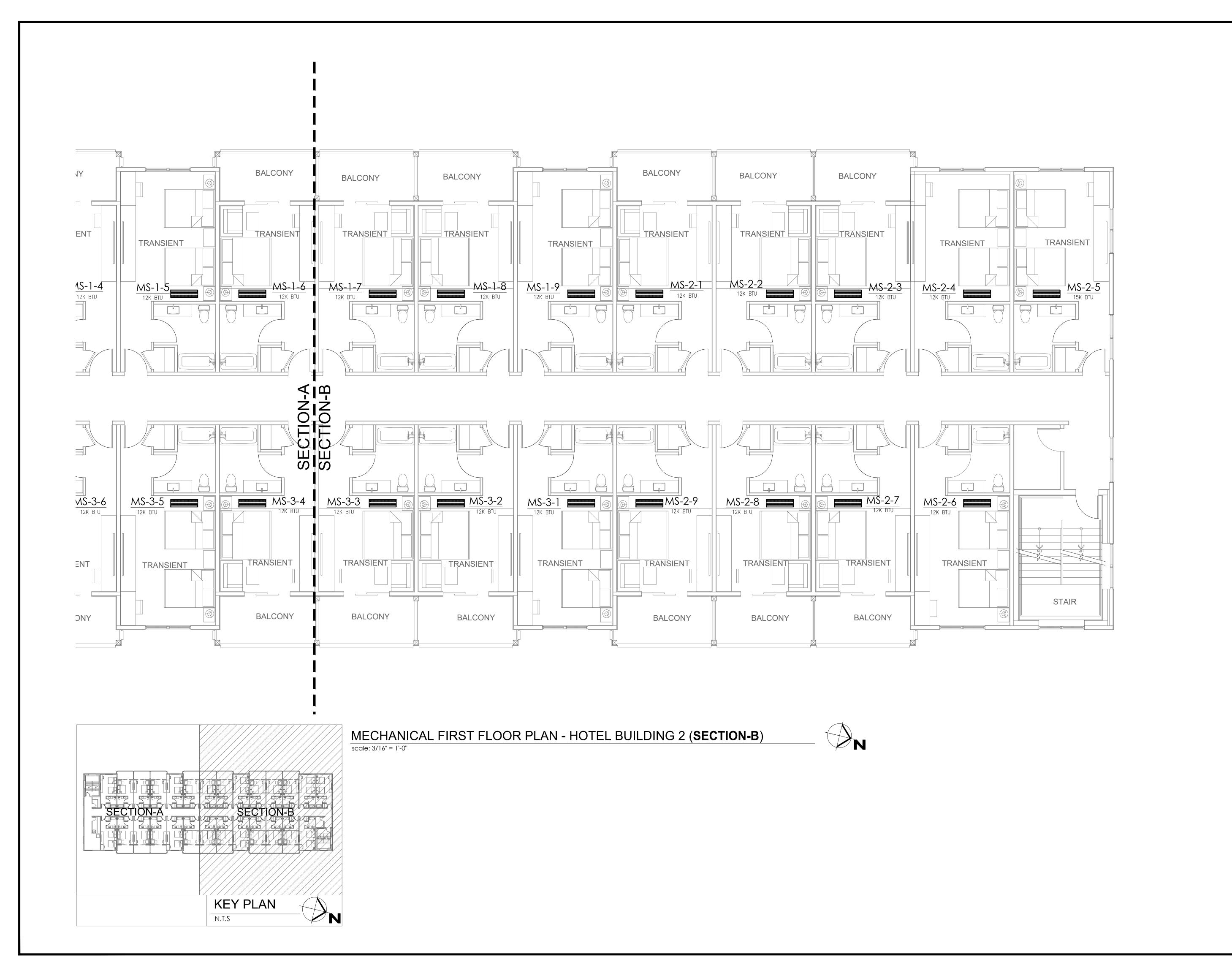
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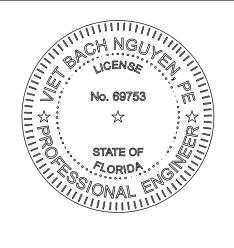
MECHANICAL SECOND FLOOR PLAN - HOTEL **BUILDING 2** (SECTION-B)

M-4.1









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RESORT WAIEHFRONI 3101 NORTH ROOSEVELT BLVD., KEYWEST, FL 33040

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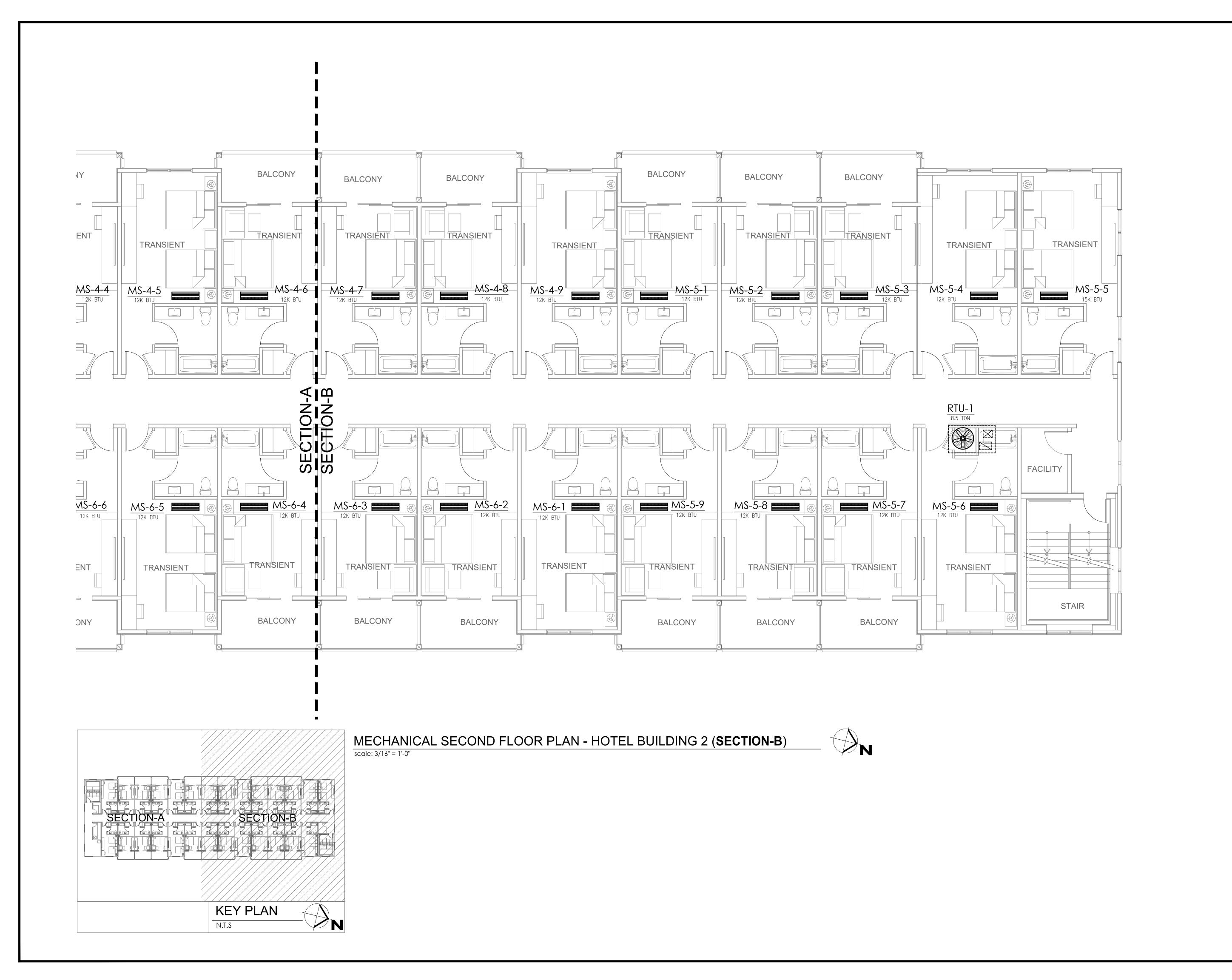
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FLOOR PLAN HOTEL BUILDING 2
(SECTION-B)

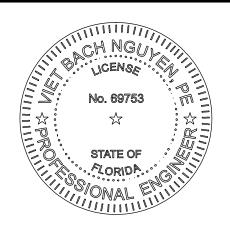
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RESORT WALERINGIN I 3101 NORTH ROOSEVELT BLVD., KEYWEST, FL 33040

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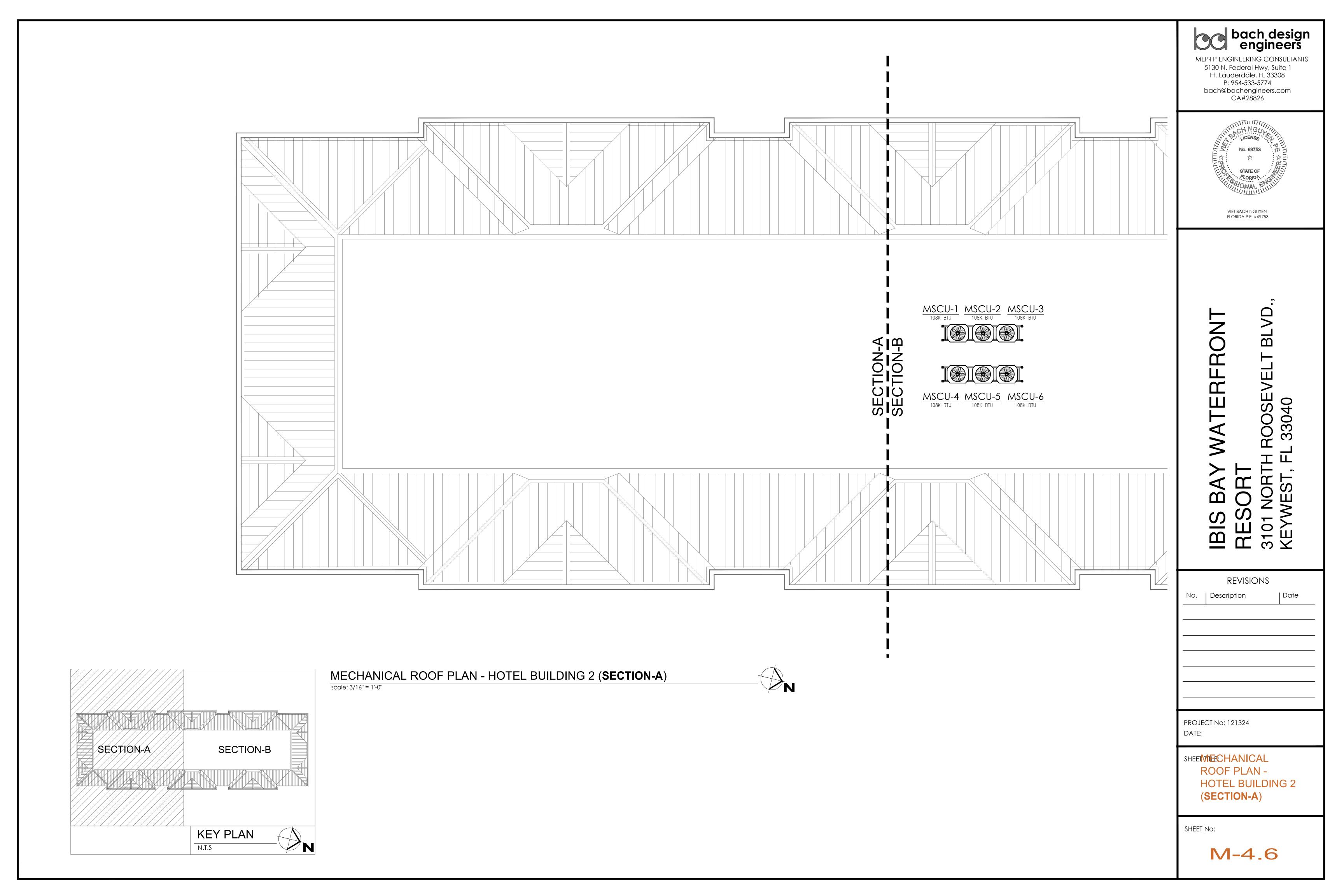
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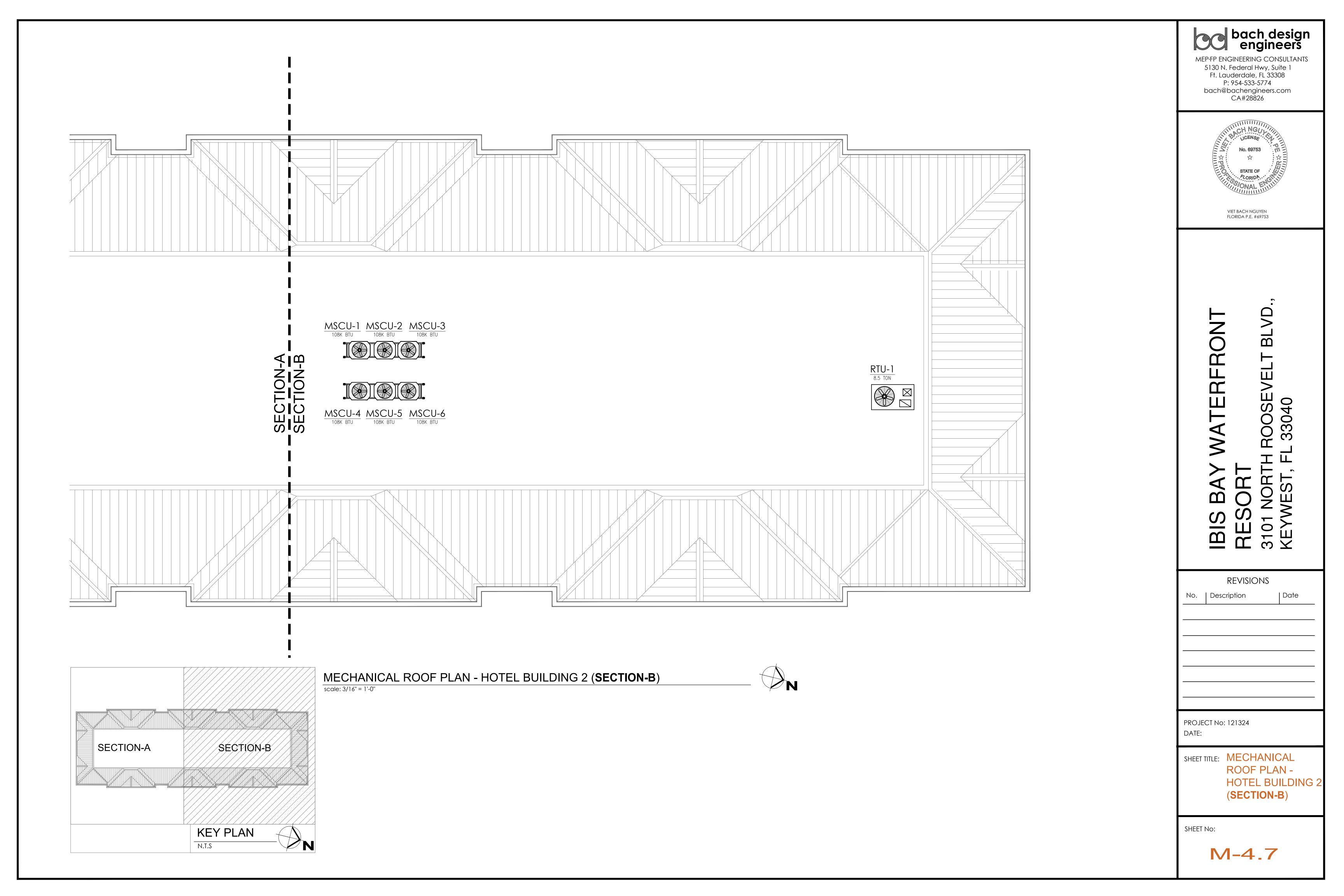
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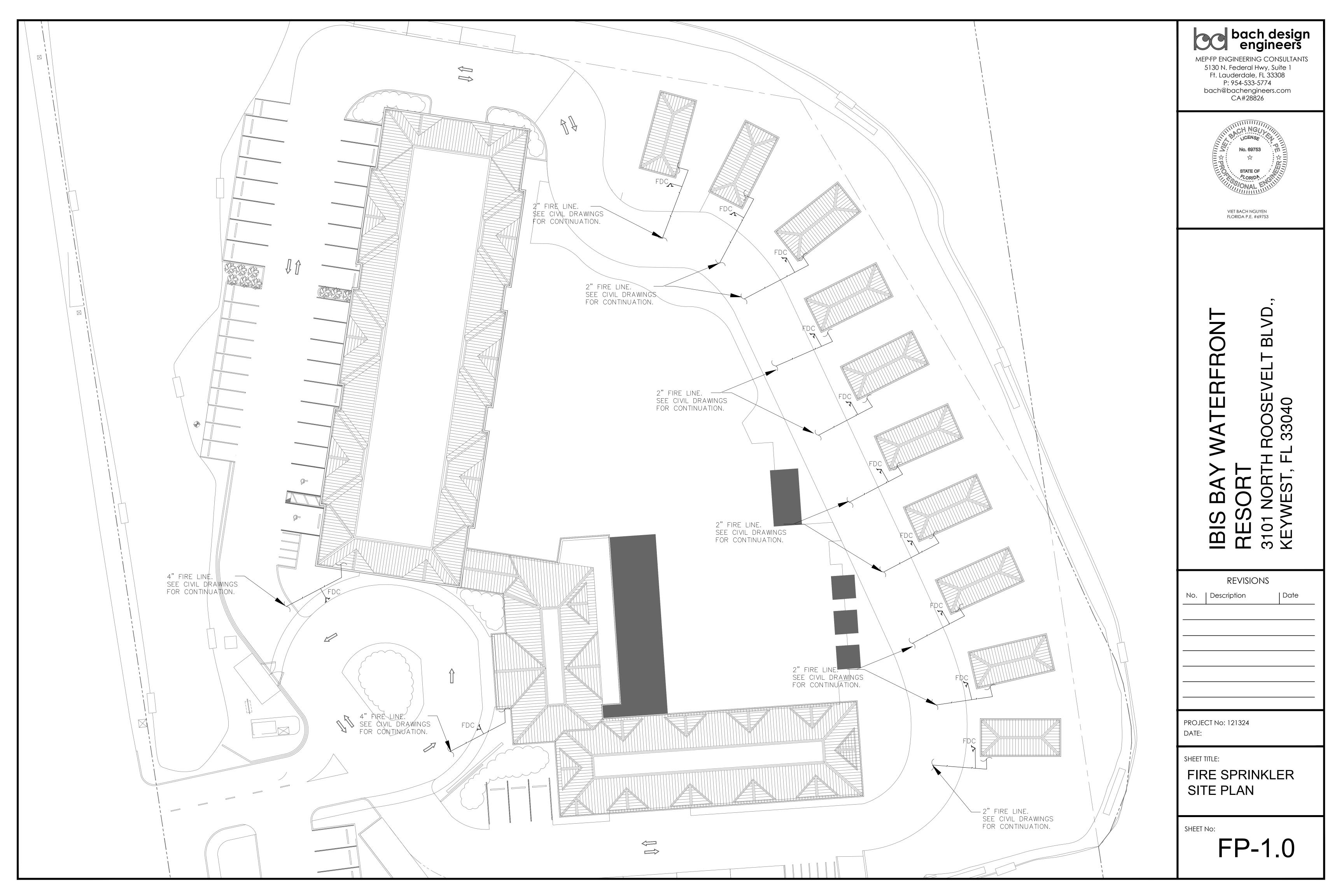
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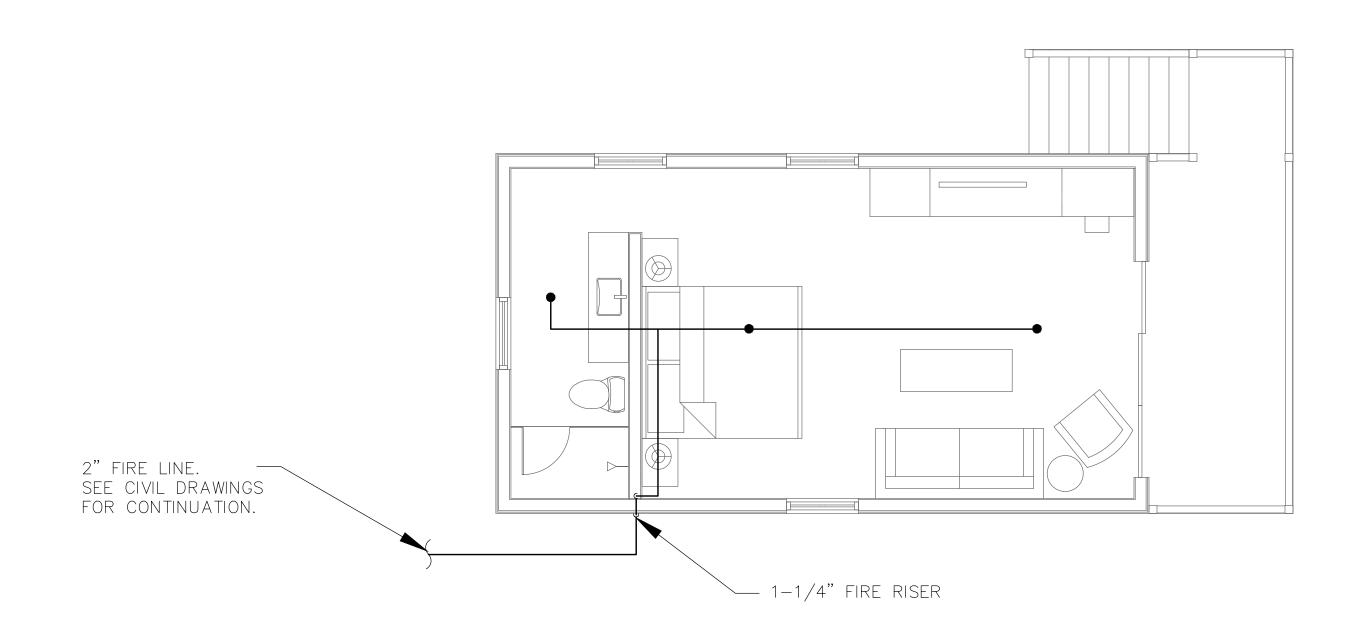
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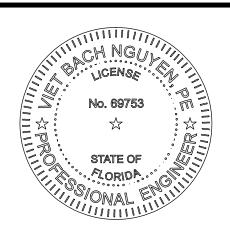






FIRE SPRINKLER FLOOR PLAN
scale: 1/4" = 1'-0"





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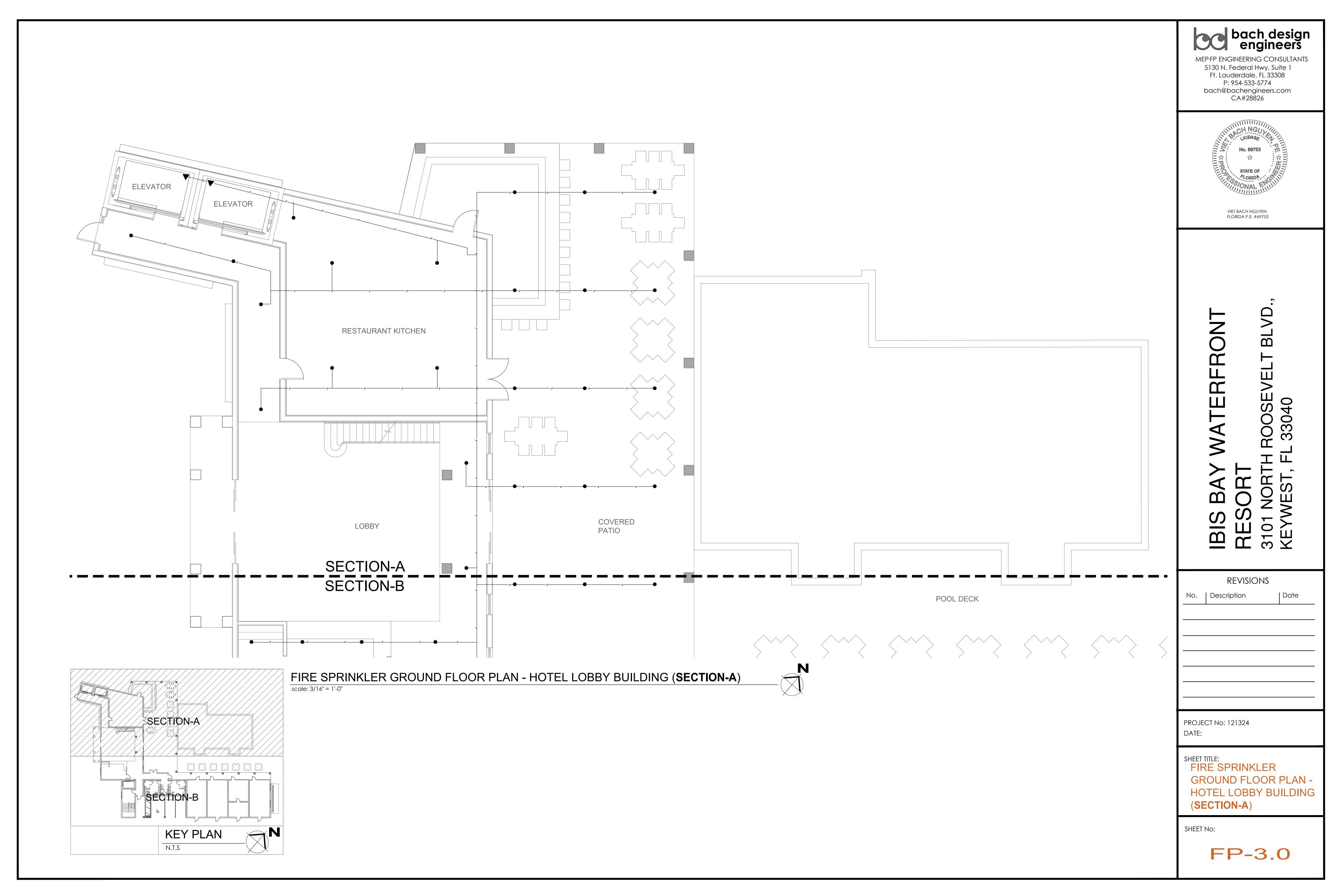
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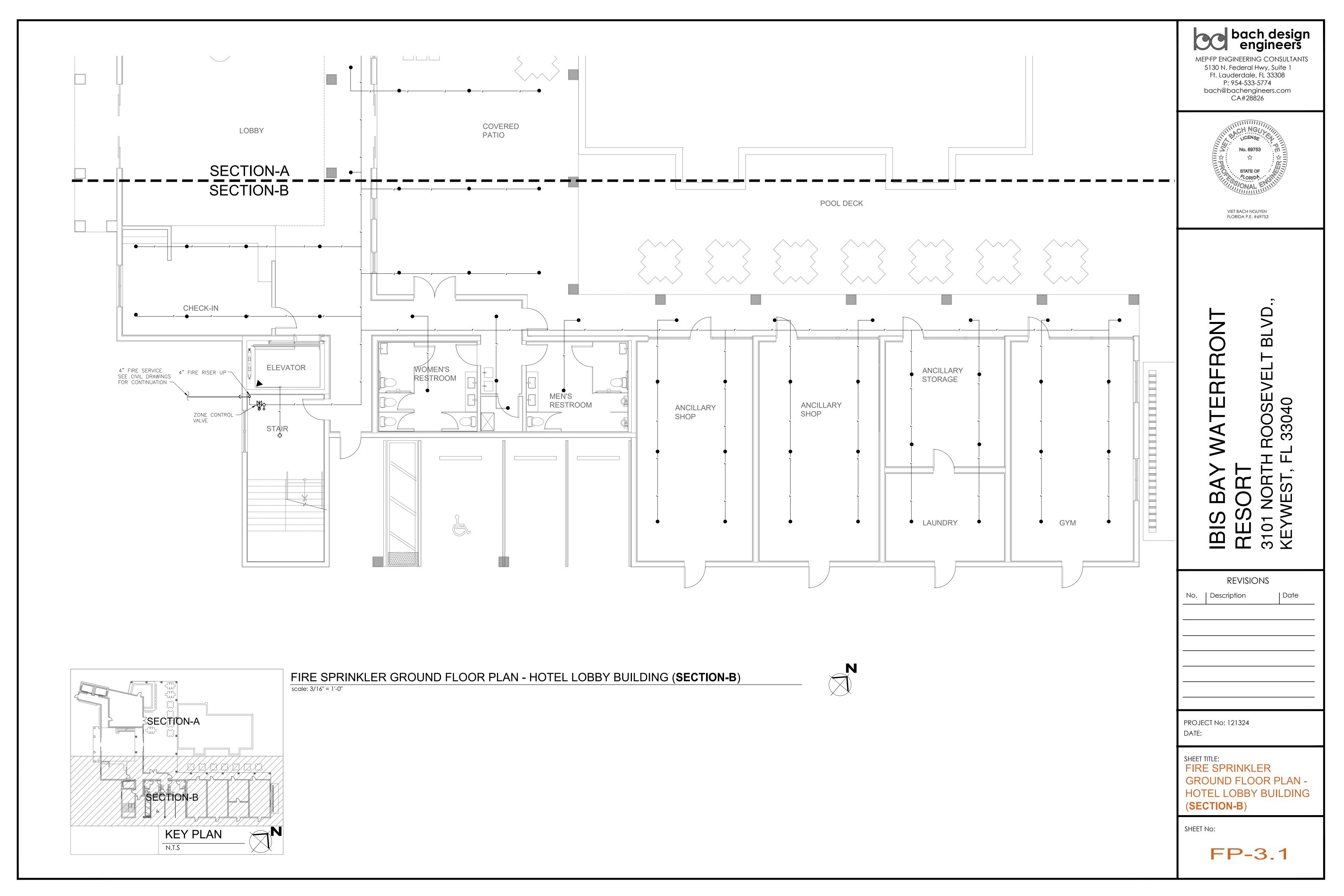
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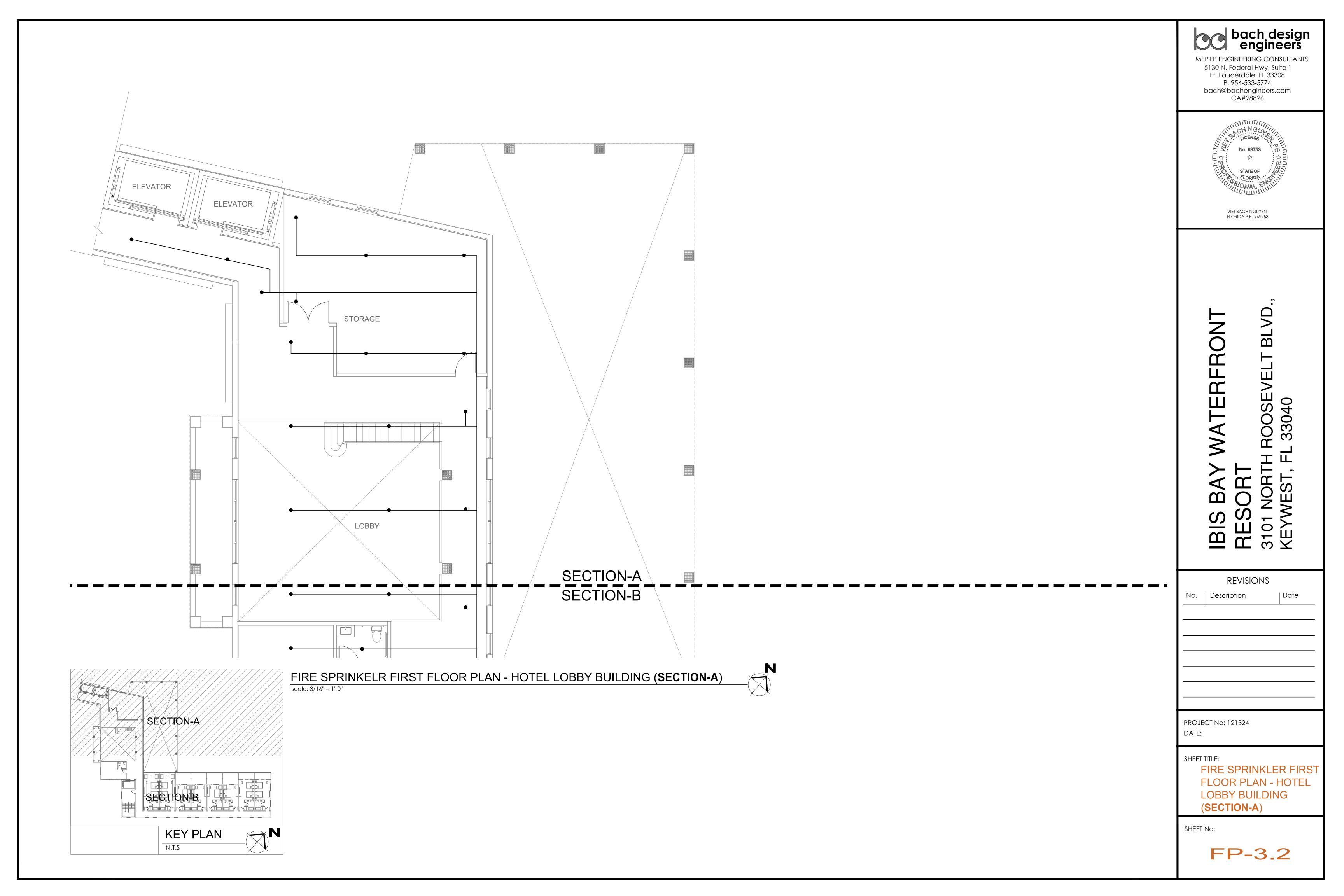
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FIRE SPRINKLER
TYPICAL COTTAGE
FLOOR PLAN

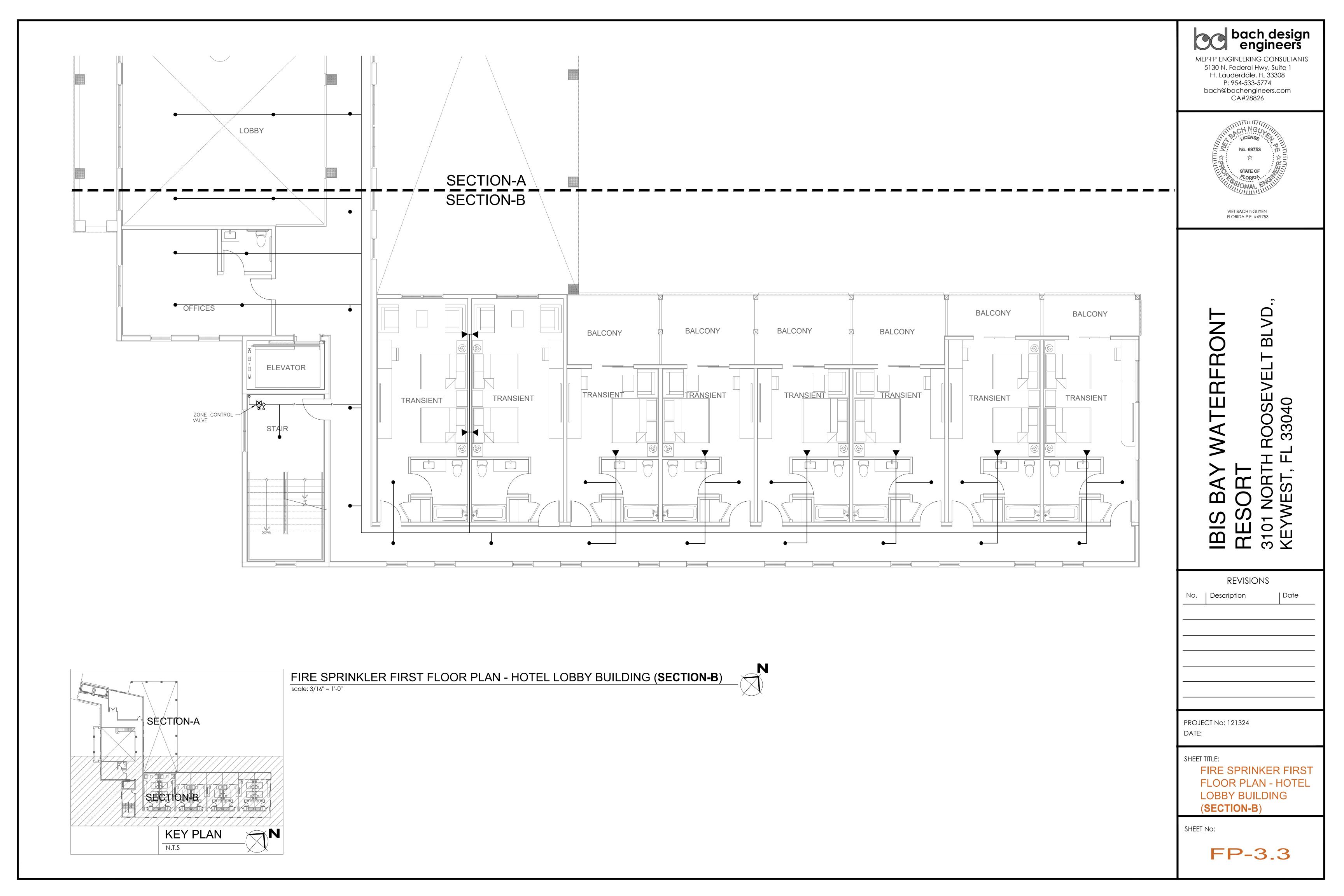
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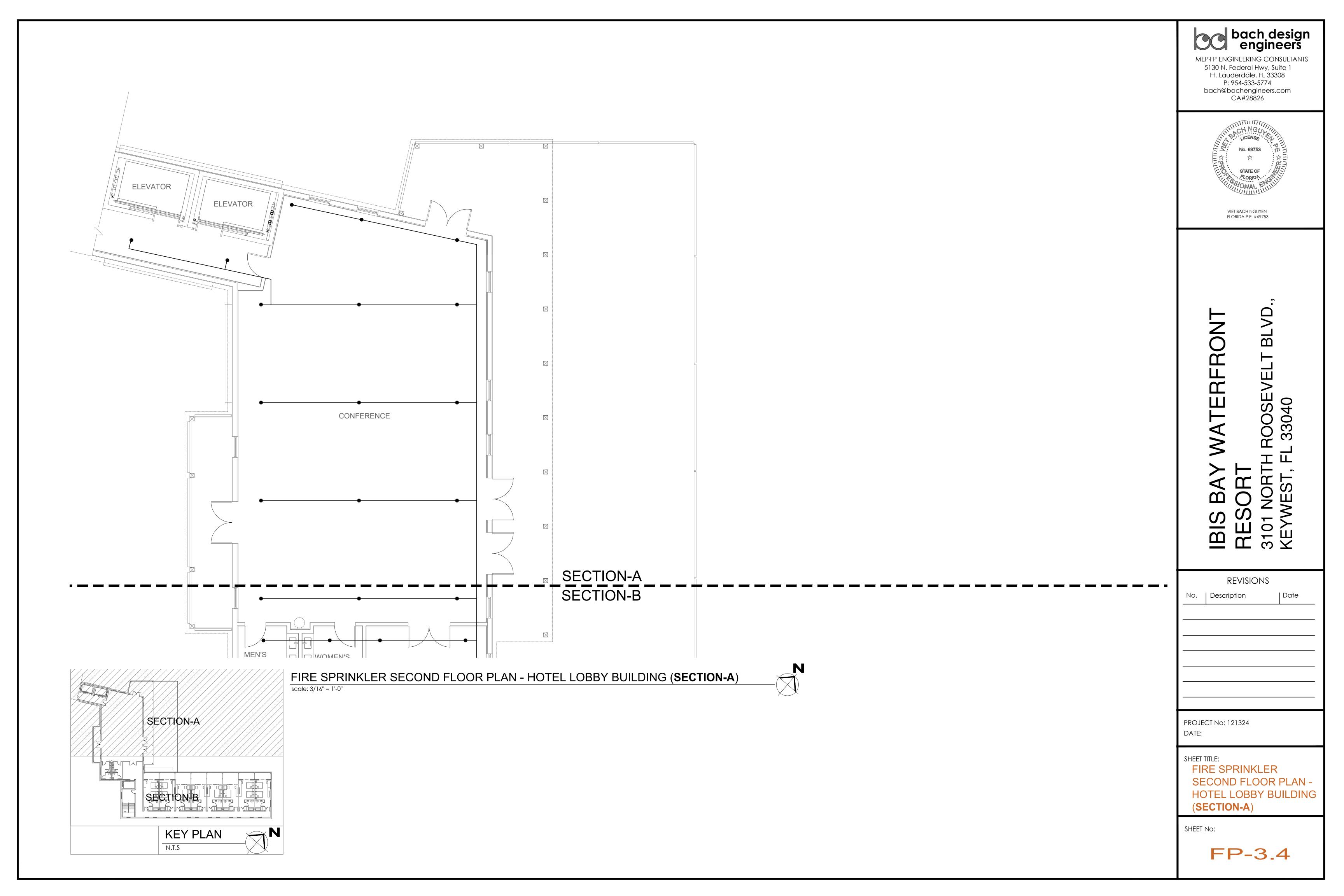
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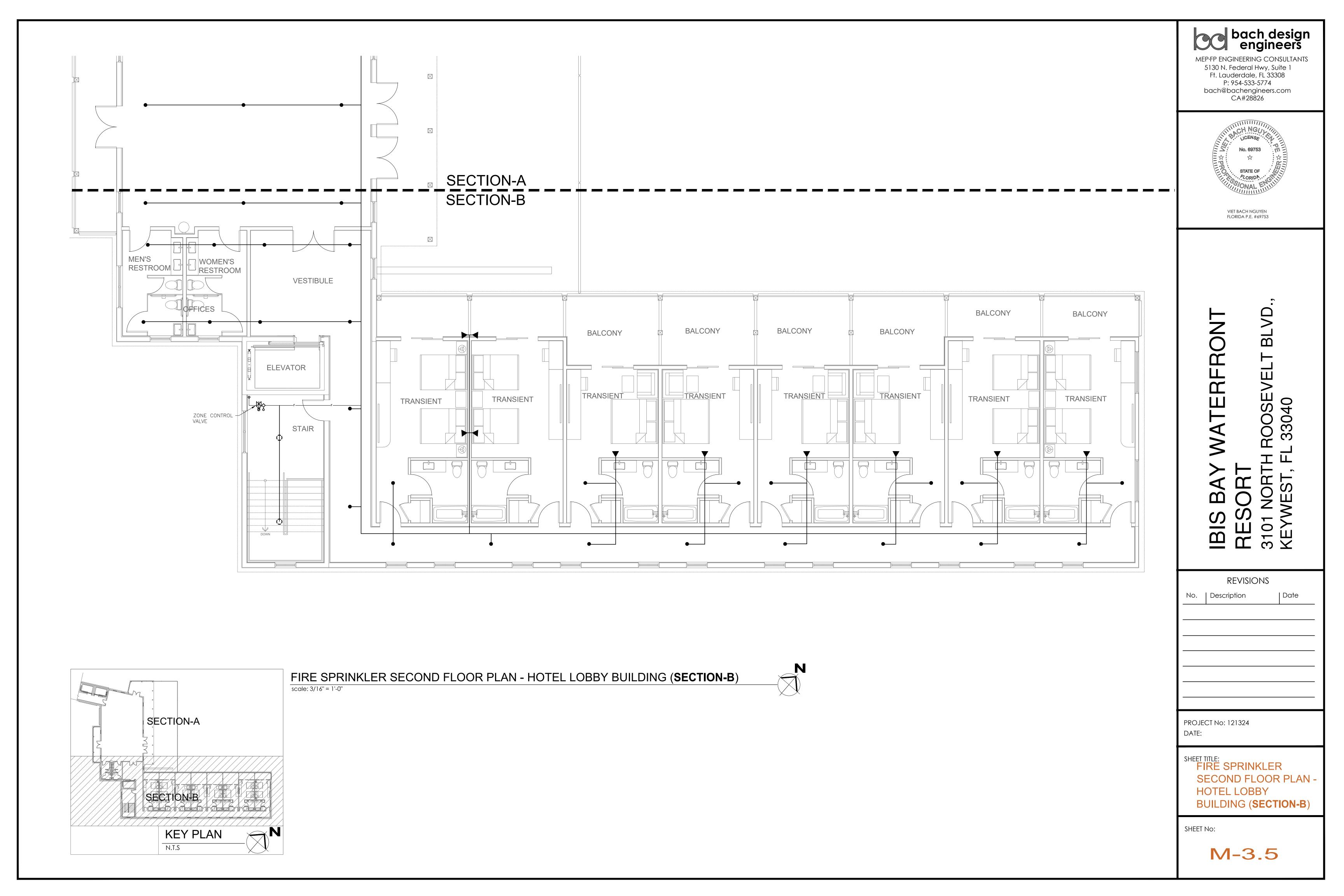


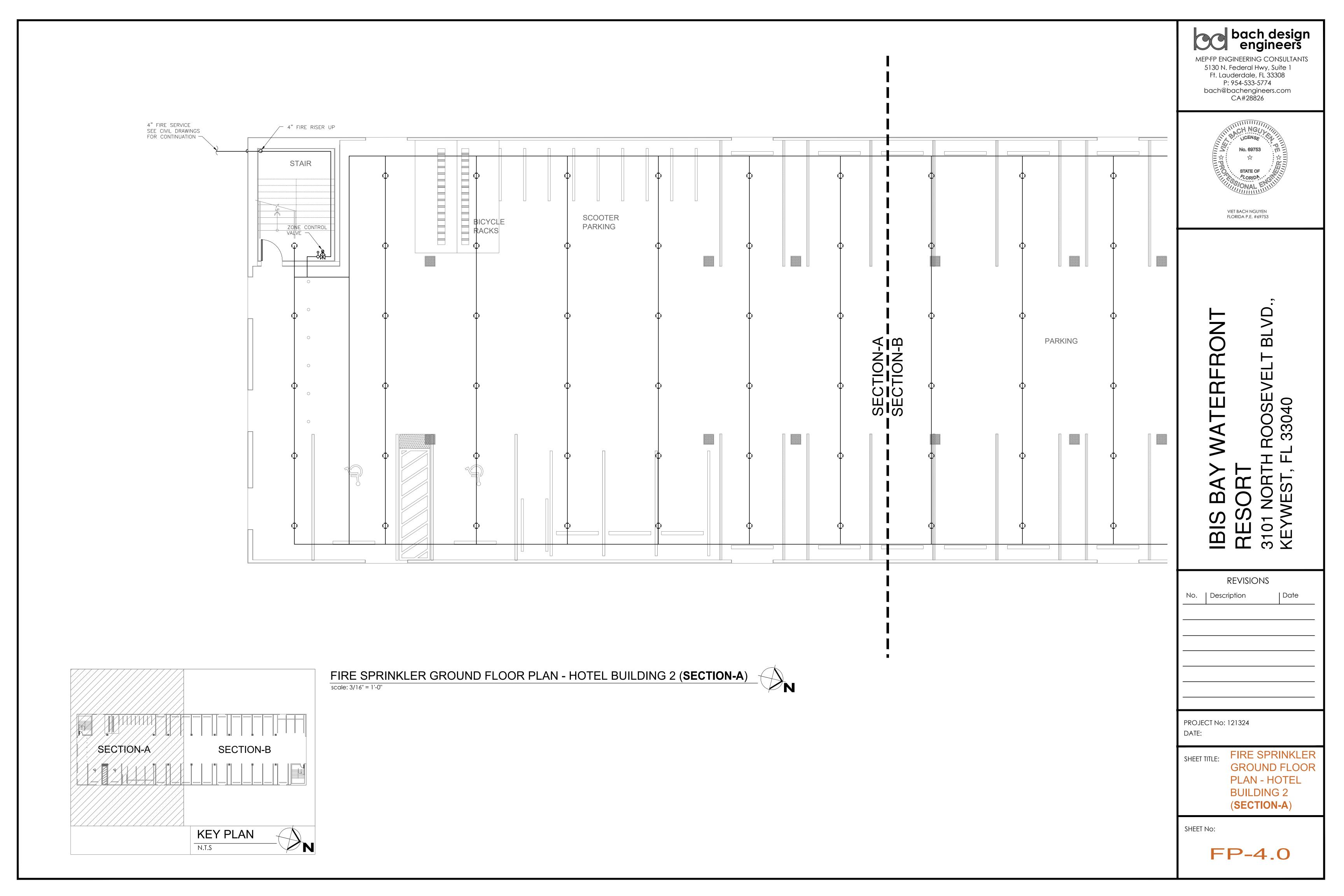


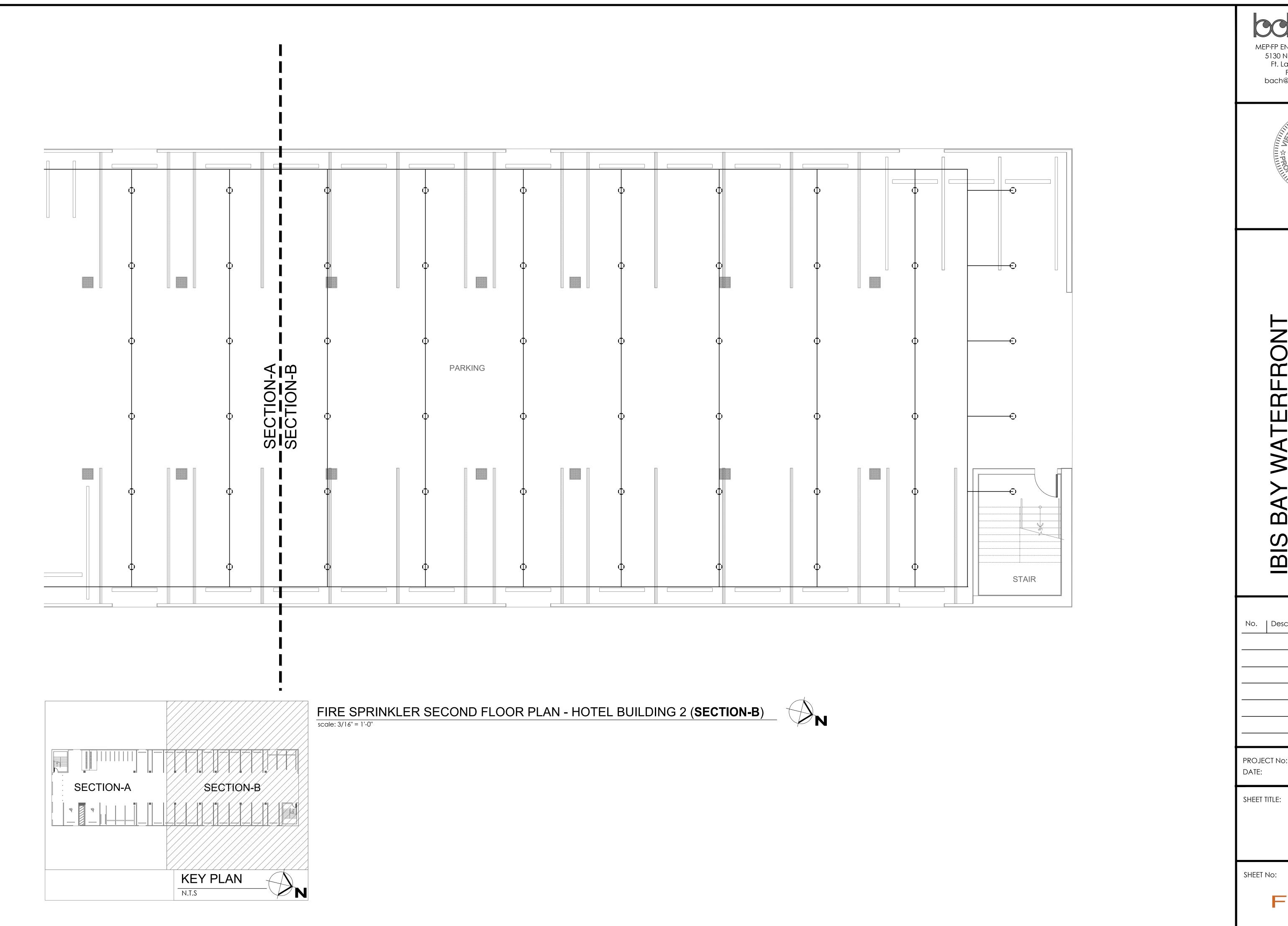




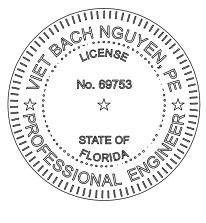












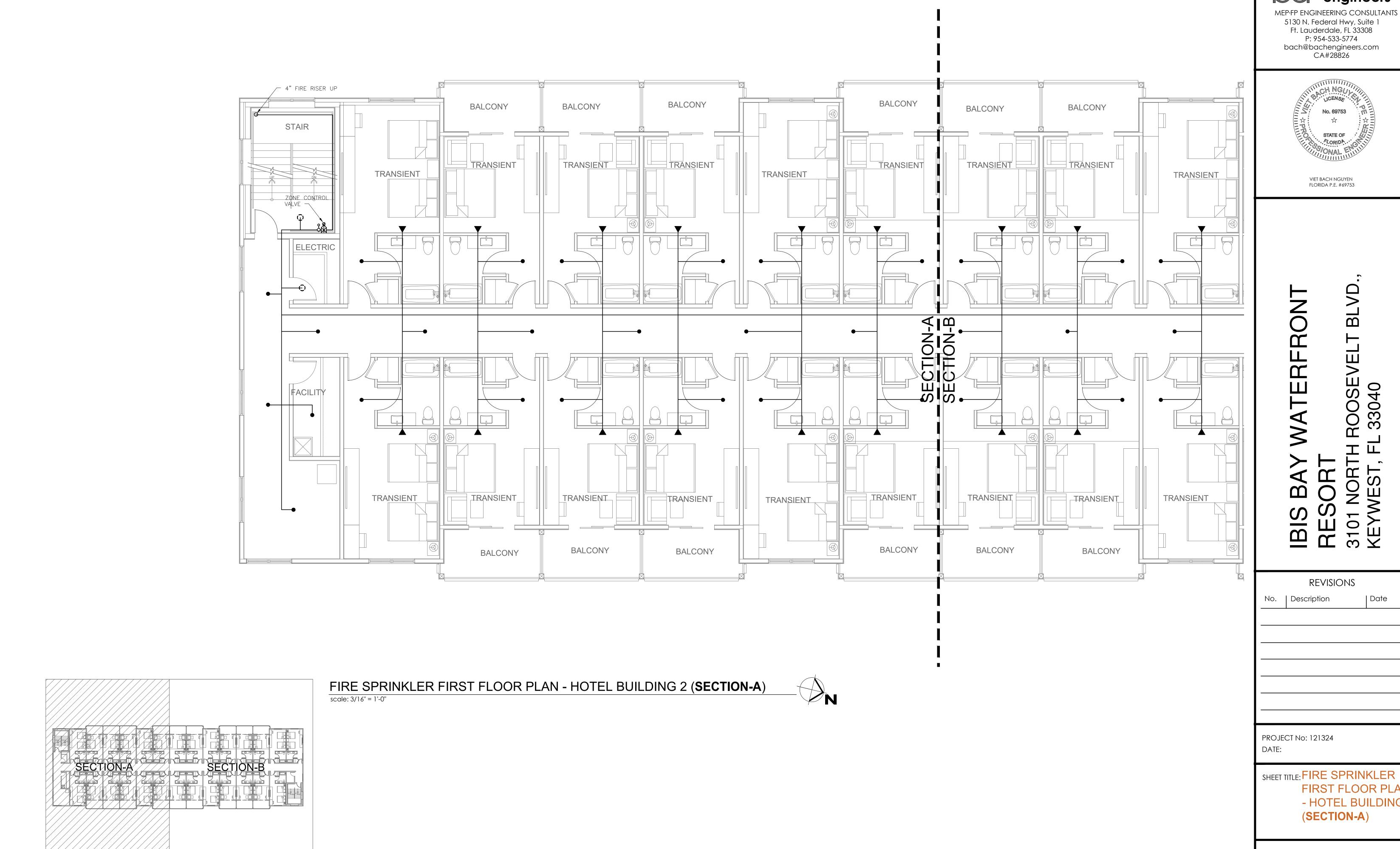
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FL 33040

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PROJECT No: 121324

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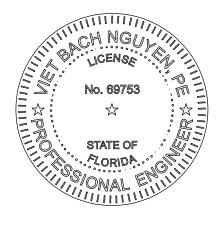


KEY PLAN

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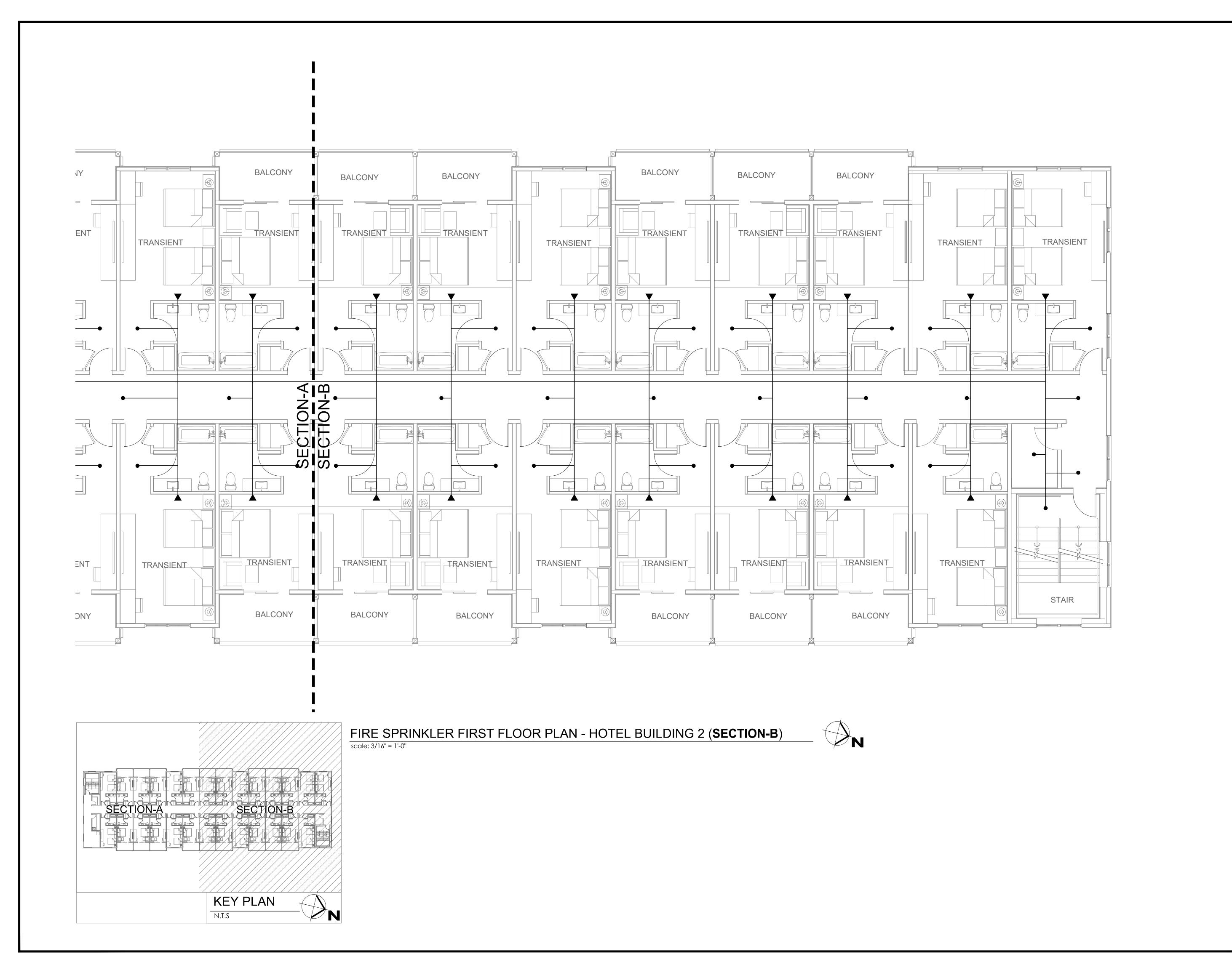
5130 N. Federal Hwy, Suite 1 Ft. Lauderdale, FL 33308 P: 954-533-5774 bach@bachengineers.com



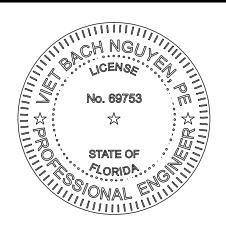
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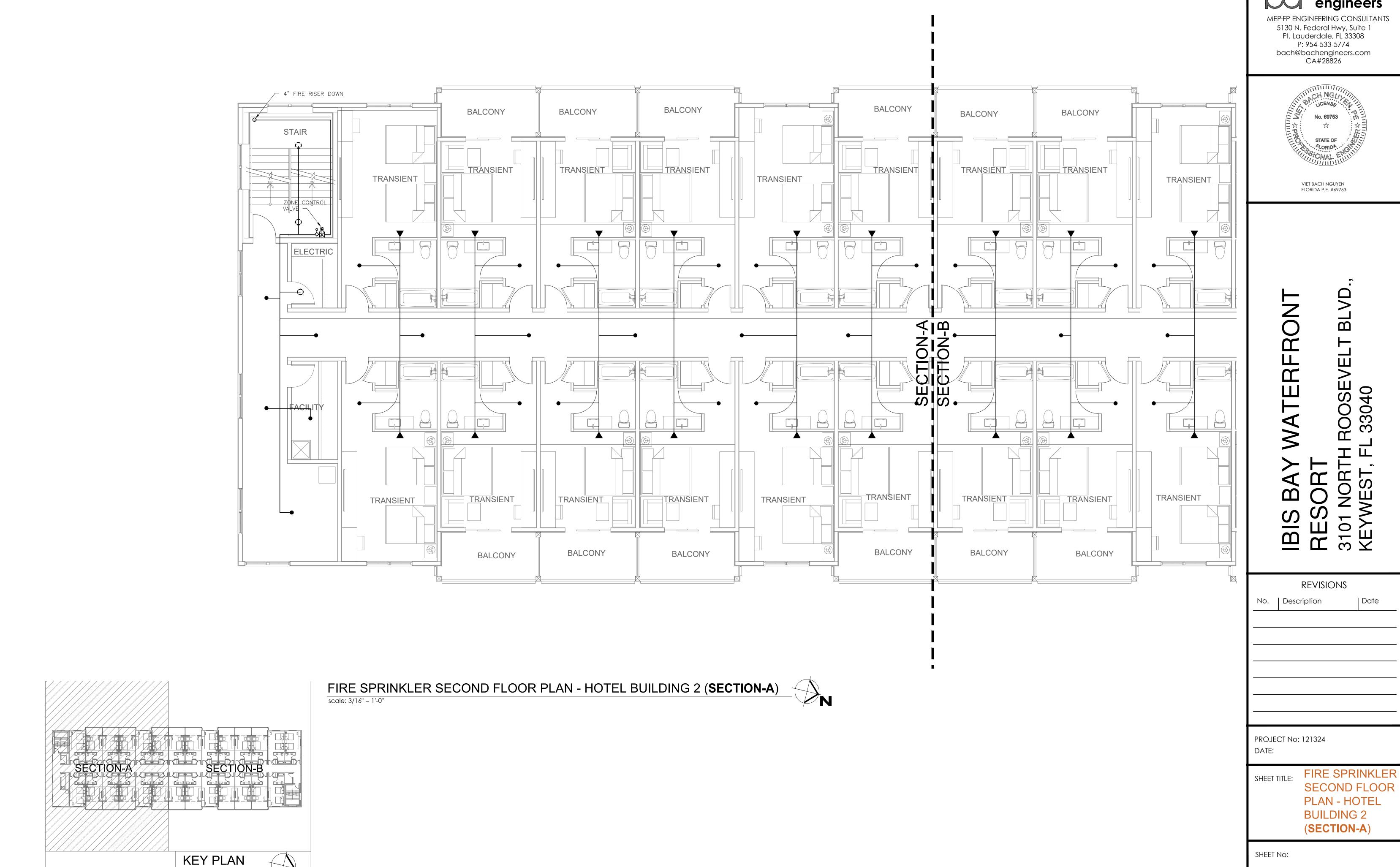
RESORT S101 NORTH ROOSEVELT BLVD., KEYWEST, FL 33040

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PROJECT No: 121324

SHEET TITLE:FIRE SPRINKLER
FIRST FLOOR PLAN
- HOTEL BUILDING 2
(SECTION-B)

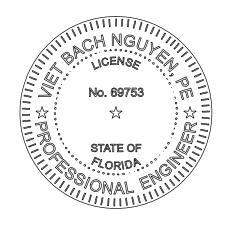
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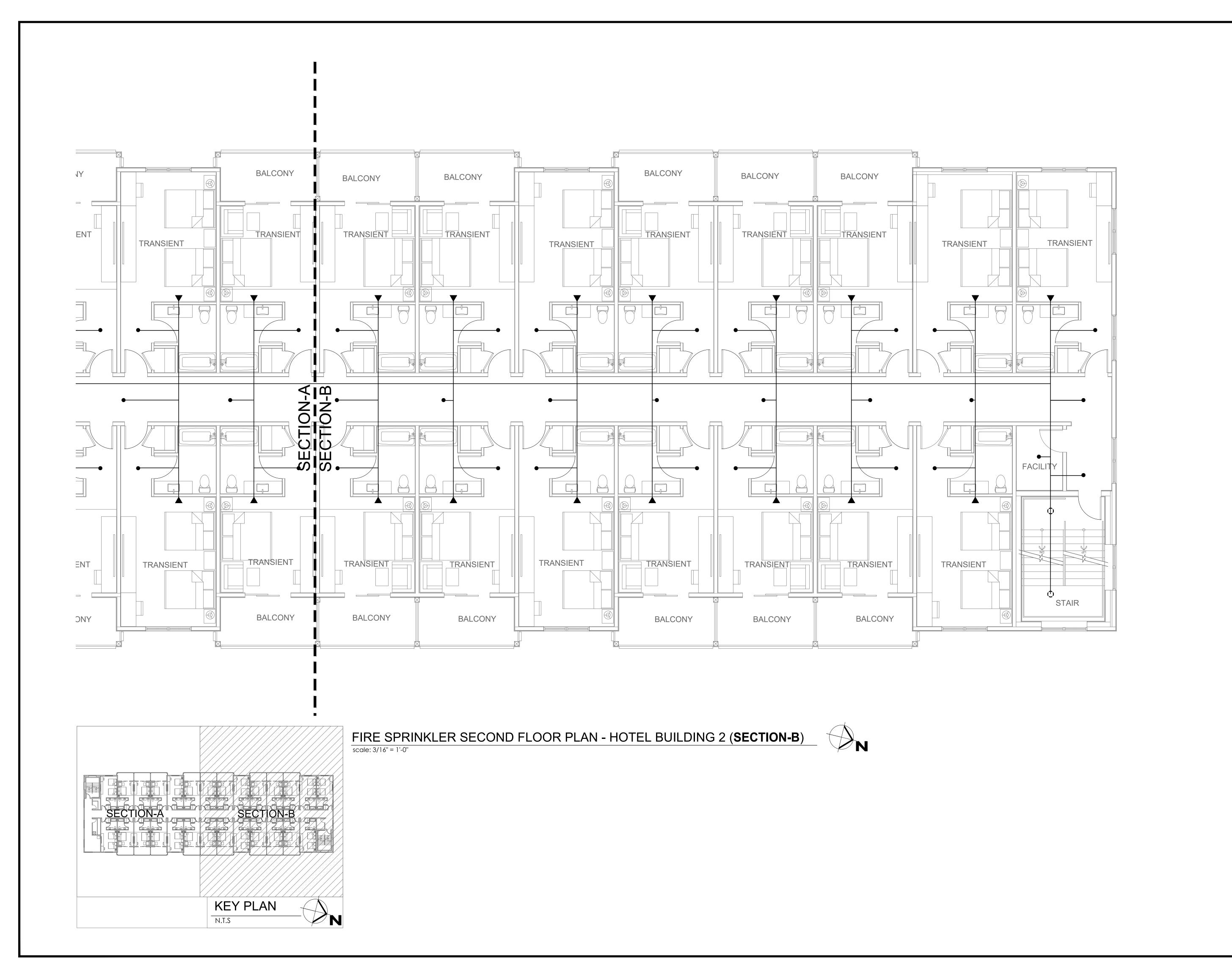


FL 33040

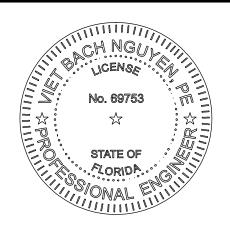
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SECOND FLOOR PLAN - HOTEL **BUILDING 2** (SECTION-A)

SHEET No:







VIET BACH NGUYEN FLORIDA P.E. #69753

RESORT 3101 NORTH ROOSEVELT BLVD., KEYWEST, FL 33040

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PROJECT No: 121324 DATE:

SHEET TITLE:

FIRE SPRINKLER
SECOND FLOOR
PLAN - HOTEL
BUILDING 2
(SECTION-B)

SHEET No: