

# INTERIOR RENOVATION FOR BAY COUNTY UTILITIES DEPARTMENT 3410 TRANSMITTER ROAD PANAMA CITY, FL 32404

## LOCATION MAP



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## SYMBOL LEGEND

MATERIAL SYMBOLS		ABBREVIATIONS	
EARTH	PLYWOOD	AT	ACOUSTICAL TILE
GRANULAR FILL	ACROUSTICAL OR CERAMIC TILE	AD	AREA DRAIN
CONCRETE	GWB/PLASTER/STUCCO/GROUT	AE	ARCHITECT-ENGINEER
CONCRETE MASONRY UNIT	RIGID INSULATION	AFF	ABOVE FINISHED FLOOR
BRICK	BATT INSULATION	AHU	AIR HANDLING UNIT
FINISHED WOOD		APPROX	APPROXIMATE
ROUGH WOOD (CONTINUOUS)		ARCH	ARCHITECT(URAL)
ROUGH WOOD (NOT CONTINUOUS)		BD	BOARD
		BIT	BITUMINOUS
		BLDG	BUILDING
		BLK	BLOCK
		BLKG	BLOCKING
		BM	BEAM
		BOT	BOTTOM
		BRG	BEARING
		BRK	BRICK
		BUR	BUILT UP ROOFING
		CEM PL	CEMENT PLASTER
		CFO	CONTRACTOR FURNISHED
		CFOI	CONTRACTOR INSTALLED
		CHEM	CHEMICAL
		CJ	CONTROL JOINT/CONSTRUCTION JOINT
		CL	INSIDE DIAMETER
		CLG	CEILING
		CMU	CONCRETE MASONRY UNIT
		COL	COLUMN
		CONC	CONCRETE
		CONF	CONFERENCE
		CONT	CONTINUE(OUS)
		CT	CERAMIC TILE
		L	LENGTH
		LAV	LAVATORY
		LBS	POUNDS
		LF	LINEAL FEET
		DBL DEMO	DOUBLE DEMOLISH(TION)
		DET	DETAIL
		DF	DRINKING FOUNTAIN
		DIA	DIAMETER
		DIM	DIMENSION
		DIV	DIVISION
		DN	DOWN
		DR	DOOR
		DWG	DRAWING(S)
		E	EAST
		EA	EACH
		EJ	EXPANSION JOINT
		EL	ELEVATION
		ELEC	ELECTRIC(AL)
		ELEV	ELEVATOR
		EQ	EQUAL
		EQU	EQUIPMENT
		EW	ELECTRIC WATER COOLER
		EXST	EXISTING
		EXP	EXPOSED
		EXT	EXTERIOR
		FC	FIRE EXTINGUISHER
		FEC	FIRE EXTINGUISHER CABINET
		FF	FINISHED FLOOR
		FHC	FIRE HOSE CABINET
		FIN	FINISH(ED)
		FL	FLOOR
		FO	FACE OF
		FT	FOOT/FEET
		FTG	FOOTING
		GA	GAGE/GAUGE
		GALV	GALVANIZED
		GL	GLASS/GLAZING
		GWB	GYP(SUM) WALL BOARD
		GYP	GYP(SUM)
		HA	HANDICAP ACCESSIBLE
		HDW	HARDWARE
		HM	HOLLOW METAL
		HR	HOUR
		HT	HEIGHT/HIGH
		HVAC	HEATING, VENTILATING AND AIR CONDITIONING
		ID	INSIDE DIAMETER
		IN	INCH
		INSUL	INSULATE(D)(ION)
		INT	INTERIOR
		IS	SOUTH
		SC	SOLID CORE
		SECT	SECTION
		SIM	SIMILAR
		SPEC	SPECIFICATION(S)
		SQ	SQUARE
		SS	STAINLESS STEEL
		STRUC	STRUCTURAL
		SYS	SYSTEM
		T	TREAD
		THK	THICKNESS
		TO	TOP OF
		TYP	TYPICAL
		TS	TRANSITION STRIP(FLOORING)
		UC	UNDERCUT
		UL	UNDERWRITERS LABORATORY
		UNLESS	UNLESS OTHERWISE NOTED
		VCT	VINYL COMPOSITION TILE
		VERT	VERTICAL
		VENT	VENT THRU ROOF
		VMC	VINYL WALL COVERING
		W	WEST/WIDTH
		W/	WITH
		W/O	WITHOUT
		WPT	WORK POINT

## LEGAL DESCRIPTION

24 3S 14W ST.A.B.DEV.CO.PLAT BEG 15' S & 40' E OF NW COR OF SW1/4 TH E 800' S 2049.83' W 800' N ON S 392-C 2050' TO BEG ORB 180 P 497 -17.1- 116D

## PROJECT DATA

NAME, ADDRESS, AND PHONE NUMBER OF OWNER:  
BAY COUNTY  
840 WEST 11TH STREET  
PANAMA CITY, FL 32401

PROJECT ADDRESS:  
3410 TRANSMITTER ROAD  
PANAMA CITY, FL 32404

OCCUPANCY CLASSIFICATION:  
B

CONSTRUCTION TYPE:  
VB

ALTERATION LEVEL:  
3

SIZE (GROSS SQ. FT.) OF RENOVATION:  
3,983 SQ. FT.

## APPLICABLE CODES

- 2023 FLORIDA BUILDING CODE (8th EDITION) BUILDING
- 2023 FLORIDA BUILDING CODE (8th EDITION) EXISTING BUILDING
- 2023 FLORIDA BUILDING CODE (8th EDITION) ENERGY CONSERVATION
- 2023 FLORIDA BUILDING CODE (8th EDITION) PLUMBING
- 2023 FLORIDA BUILDING CODE (8th EDITION) MECHANICAL
- 2023 FLORIDA BUILDING CODE (8th EDITION) ACCESSIBILITY CODE
- 2023 NATIONAL ELECTRICAL CODE, NFPA 70

## PROJECT TEAM

ARCHITECT:  
VBA DESIGN, INC.  
2424 JENKS AVE, SUITE B  
PANAMA CITY, FL 32405  
(850) 769-3357

MECHANICAL/PLUMBING ENGINEER:  
JOHNSON PEADEN ENGINEERING  
1399M JENKS AVE.  
PANAMA CITY, FL 32401  
(850) 215-4068

ELECTRICAL ENGINEER:  
YATES ENGINEERING SOLUTIONS  
7159 BLUE JACK DRIVE  
NAVARRE, FL 32566  
(850) 512-9579

CONSTRUCTION DOCUMENTS

COVER SHEET

INTERIOR RENOVATION FOR  
BAY COUNTY UTILITIES DEPARTMENT  
3410 TRANSMITTER ROAD

PANAMA CITY

FL

PROJECT # 2508

DATE: 11/11/2025

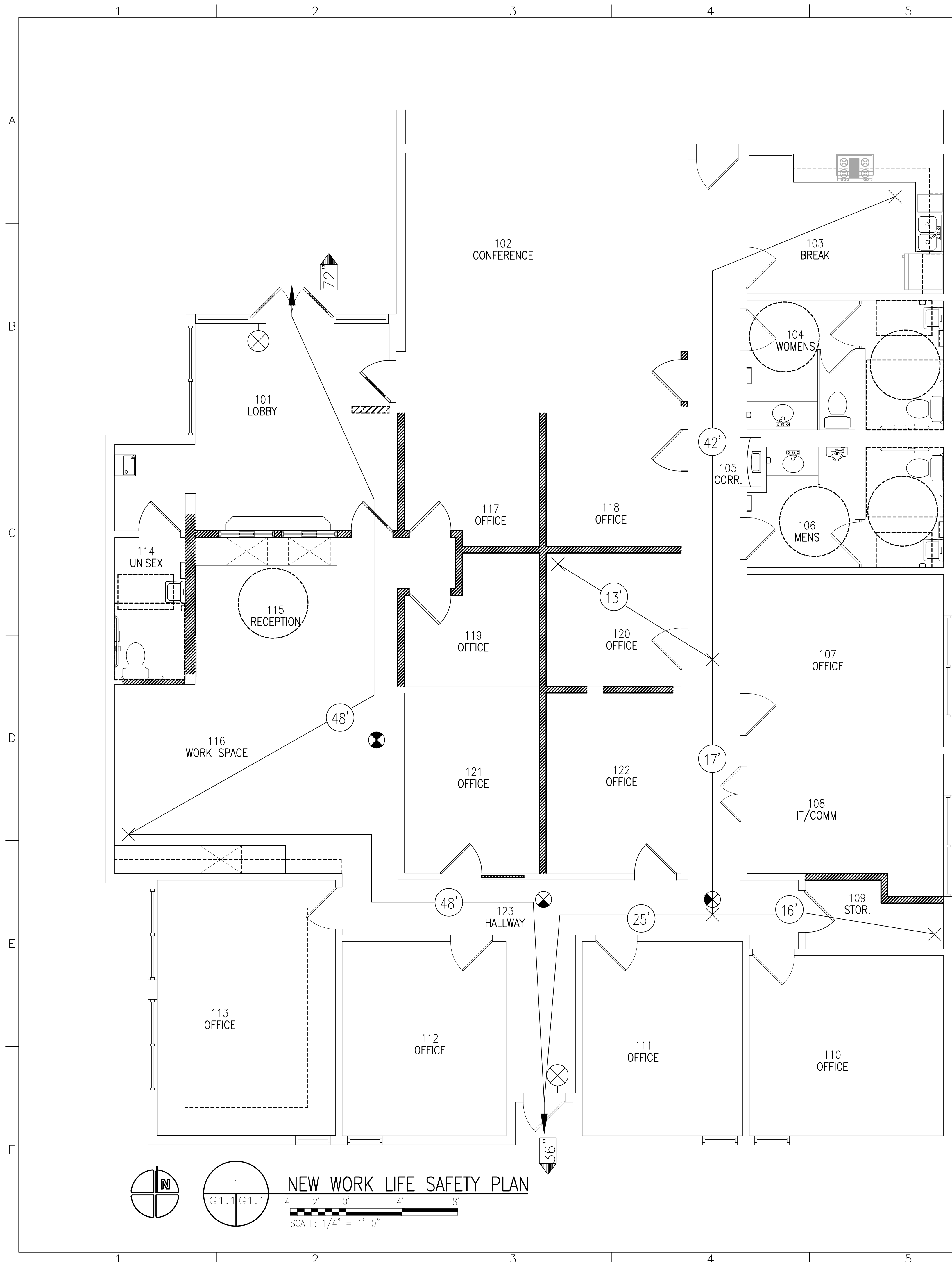
DRAWN: EB/FL REVIEWED: VV

REVISIONS: NO. DATE DESC.

LICENSE NO. AR94000  
PHONE: 850 769 3357  
FAX: 850 763 0410  
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ARCHITECTS AND PLANNERS  
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VBA DESIGN

SHEET NO. G0.1



**NOTES**

- LIFE SAFETY PLANS ARE INTENDED TO HIGHLIGHT FIRE WALLS AND EGRESS ACCESSORIES.
- REFER TO ELECTRICAL FOR DETAILS ON EMERGENCY LIGHTING.
- CONTRACTOR TO VERIFY LOCATIONS OF EXISTING FIRE EXTINGUISHER CABINETS.

**LIFE SAFETY LEGEND**

- EXIT SIGN FACE & DIRECTION
- EXIT CAPACITY (CLEAR INCHES)
- TRAVEL DISTANCE
- WALL MOUNTED EXIT LIGHT
- 1 HOUR SHAFT WALL- HORIZ WITH 1 HOUR WALL UL #U423 FRIE TEST WH1651 -306.1
- 1 HOUR FIRE RATED WALL TO ROOF DECK
- 2 HOUR FIRE RATED WALL TO ROOF DECK

**PROJECT DATA**

OCCUPANCY  
Occupancy(ies) / Group Classification: B  
Total Gross Floor Area: 3,983 SF Occupant/ Sq. Ft.: 150 GROSS  
Total Occupants: 27

TOTAL BUILDING OCCUPANT LOAD: 27 OCCUPANTS

IF MULTIPLE OCCUPANCY  
Occupancy Separation: N.A. Tenant Separation: N.A.

CONSTRUCTION  
Type of Construction: TYPE VB CONSTRUCTION  
Protected or Unprotected: UNPROTECTED  
Sprinklered or Non-Sprinklered: NON-SPRINKLERED  
Max. Building Height: 40' Max. Number of Stories: 2  
Max. Floor Area: 34,500 SF

**EXITS**

Minimum Number of Exits: 2 PER STORY  
Maximum Travel Distance: 200 FT  
Maximum Dead End Corridor: 20 FT  
Min. Corridor/ Aisle Width: 36 IN  
Minimum Stair Width: N.A.  
*NOTE 44" if serving 50 or more people  
36" if serving less than 50 people*

Egress Width, Level: (No. of persons) 27 x .2 in. = 5.4"  
# of Exits: 2 Average Width of Exits: 54"  
Egress Width, Stair: (No. of persons) 27 x .3 in. = 8.1"  
# of Stairs: 0 Average Width of Stairs: N/A

**FIRE PROTECTION**

FIRE PROTECTION REQUIREMENTS

Interior Bearing:	<u>0</u> HOUR
Columns:	<u>0</u> HOUR
Floor/ Ceiling:	<u>0</u> HOUR
Interior Non-bearing:	<u>0</u> HOUR
Beams, Girders, Trusses:	<u>0</u> HOUR
Roof/ Ceiling:	<u>0</u> HOUR

**PLUMBING FIXTURE COUNT**

CLASSIFICATION	WATER CLOSETS MALE		WATER CLOSETS FEMALE		LAVATORIES MALE & FEMALE		BATHTUBS/SHOWERS	DRINKING FOUNTAINS		SERVICE SINK	
	Required	Provided	Required	Provided	Required	Provided		Required	Provided	Required	Provided
Business	1	2	1	4	2	5	N/A	1	EXIST.	1	EXIST.

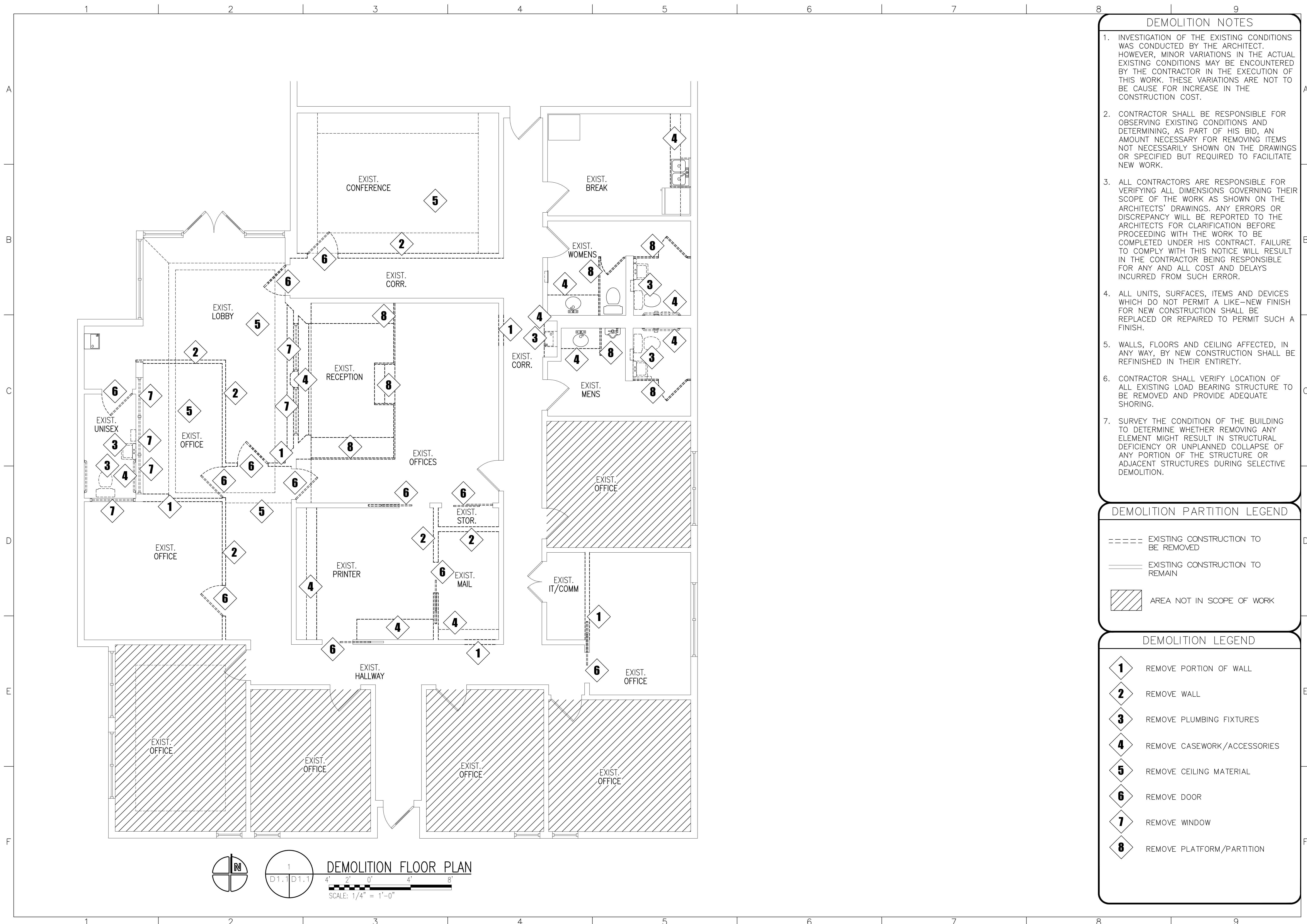
CONSTRUCTION DOCUMENTS  
 NEW WORK LIFE SAFETY PLAN  
 INTERIOR RENOVATION FOR  
 BAY COUNTY UTILITIES DEPARTMENT  
 3410 TRANSMITTER ROAD  
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**DEMOLITION NOTES**

1. INVESTIGATION OF THE EXISTING CONDITIONS WAS CONDUCTED BY THE ARCHITECT. HOWEVER, MINOR VARIATIONS IN THE ACTUAL EXISTING CONDITIONS MAY BE ENCOUNTERED BY THE CONTRACTOR IN THE EXECUTION OF THIS WORK. THESE VARIATIONS ARE NOT TO BE CAUSE FOR INCREASE IN THE CONSTRUCTION COST.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR OBSERVING EXISTING CONDITIONS AND DETERMINING, AS PART OF HIS BID, AN AMOUNT NECESSARY FOR REMOVING ITEMS NOT NECESSARILY SHOWN ON THE DRAWINGS OR SPECIFIED BUT REQUIRED TO FACILITATE NEW WORK.
3. ALL CONTRACTORS ARE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS GOVERNING THEIR SCOPE OF THE WORK AS SHOWN ON THE ARCHITECTS' DRAWINGS. ANY ERRORS OR DISCREPANCY WILL BE REPORTED TO THE ARCHITECTS FOR CLARIFICATION BEFORE PROCEEDING WITH THE WORK TO BE COMPLETED UNDER HIS CONTRACT. FAILURE TO COMPLY WITH THIS NOTICE WILL RESULT IN THE CONTRACTOR BEING RESPONSIBLE FOR ANY AND ALL COST AND DELAYS INCURRED FROM SUCH ERROR.
4. ALL UNITS, SURFACES, ITEMS AND DEVICES WHICH DO NOT PERMIT A LIKE-NEW FINISH FOR NEW CONSTRUCTION SHALL BE REPLACED OR REPAIRED TO PERMIT SUCH A FINISH.
5. WALLS, FLOORS AND CEILING AFFECTED, IN ANY WAY, BY NEW CONSTRUCTION SHALL BE REFINISHED IN THEIR ENTIRETY.
6. CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING LOAD BEARING STRUCTURE TO BE REMOVED AND PROVIDE ADEQUATE SHORING.
7. SURVEY THE CONDITION OF THE BUILDING TO DETERMINE WHETHER REMOVING ANY ELEMENT MIGHT RESULT IN STRUCTURAL DEFICIENCY OR UNPLANNED COLLAPSE OF ANY PORTION OF THE STRUCTURE OR ADJACENT STRUCTURES DURING SELECTIVE DEMOLITION.

**DEMOLITION PARTITION LEGEND**

- EXISTING CONSTRUCTION TO BE REMOVED
- EXISTING CONSTRUCTION TO REMAIN
- AREA NOT IN SCOPE OF WORK

**DEMOLITION LEGEND**

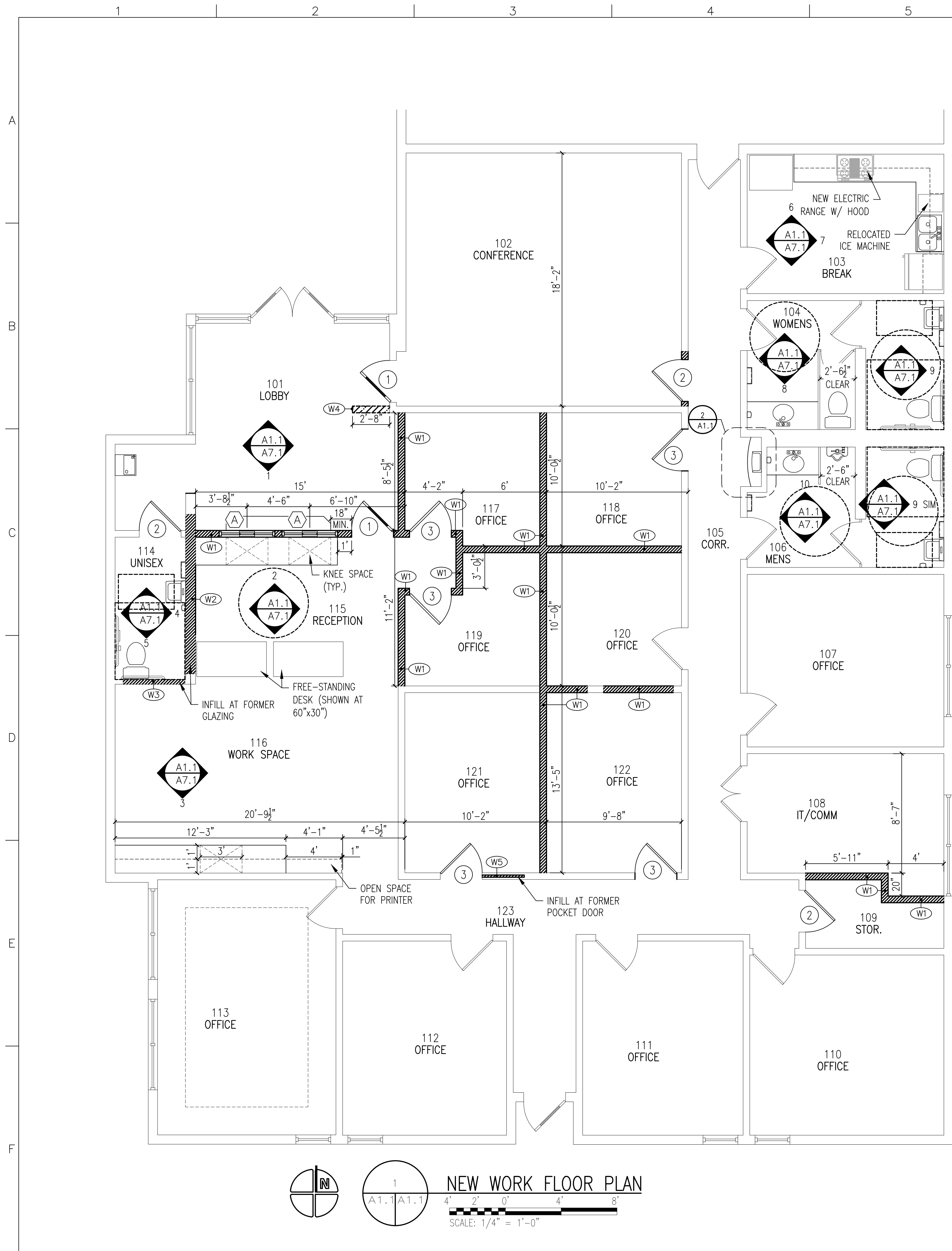
- REMOVE PORTION OF WALL
- REMOVE WALL
- REMOVE PLUMBING FIXTURES
- REMOVE CASEWORK/ACCESSORIES
- REMOVE CEILING MATERIAL
- REMOVE DOOR
- REMOVE WINDOW
- REMOVE PLATFORM/PARTITION

CONSTRUCTION DOCUMENTS  
 DEMOLITION FLOOR PLAN  
 INTERIOR RENOVATION FOR  
 BAY COUNTY UTILITIES DEPARTMENT  
 3410 TRANSMITTER ROAD  
 PANAMA CITY  
 FL

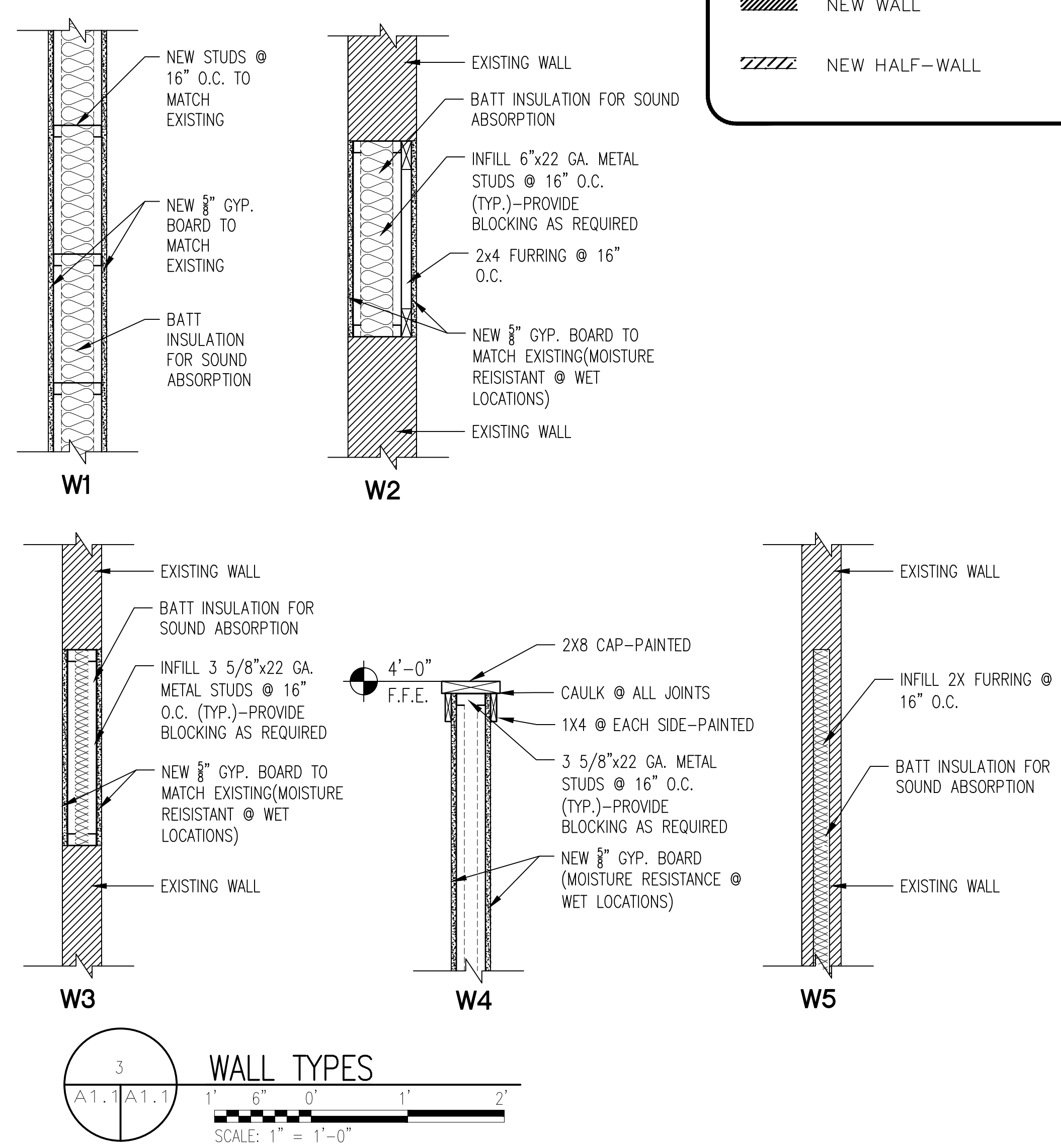
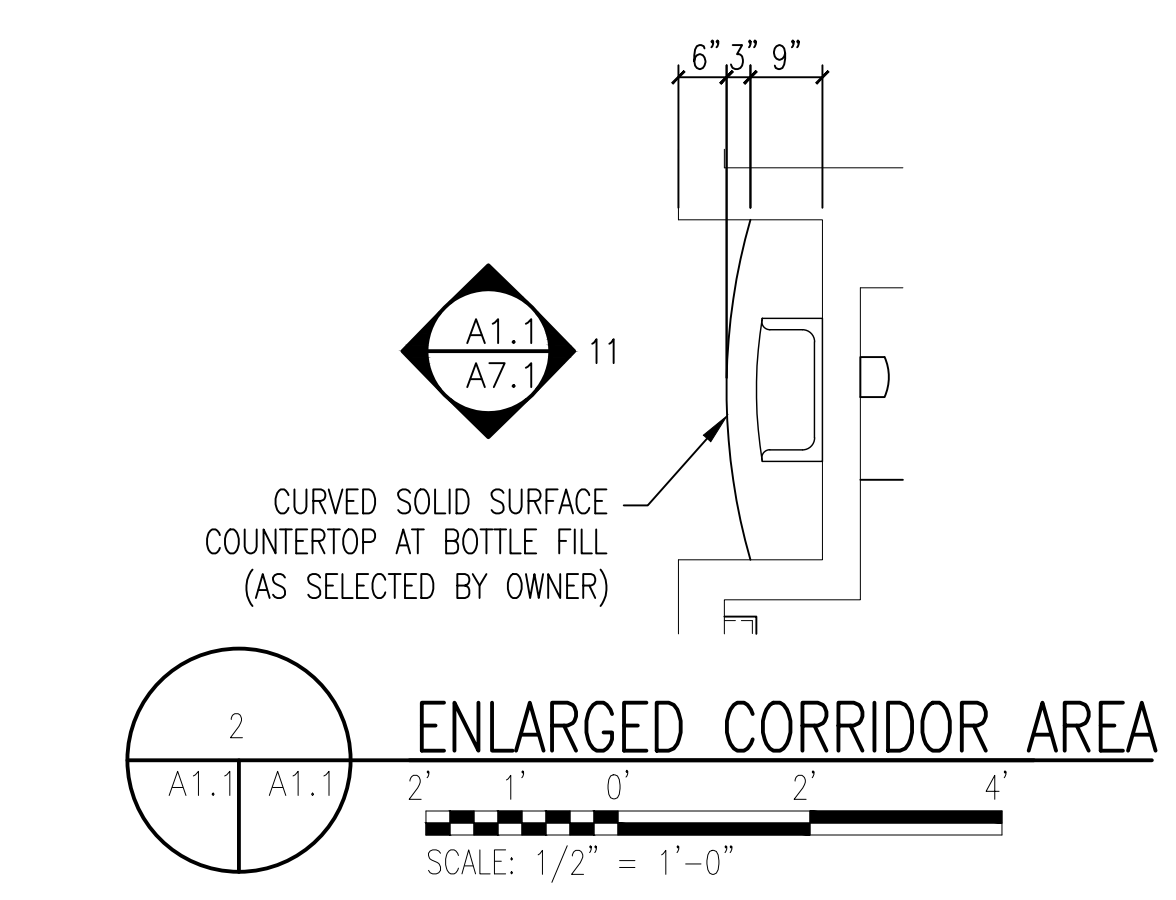
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PROJECT # 2508  
 SHEET NO. D1.1



**NEW WORK FLOOR PLAN**  
 SCALE: 1/4" = 1'-0"  
 1  
 A1.1 A1.1



- NOTES**
- UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE TAKEN TO THE FACE OF THE STUD, CONCRETE OR CMU.
  - ALL CASEWORK ARE FURNISHED AND INSTALLED BY THE GENERAL CONTRACTOR UNLESS OTHERWISE NOTED.
  - DO NOT SCALE DRAWINGS. IF DIMENSIONS ARE IN QUESTION CONTACT THE PROJECT MANAGER FOR CLARIFICATION BEFORE CONTINUING WITH CONSTRUCTION.
  - VERIFY ALL ON SITE DIMENSIONS AND EQUIPMENT LOCATIONS. CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF ANY ITEM IN ORDER TO COMPLETE THE REQUIREMENTS OF THIS CONTRACT.
  - FREE STANDING RECEPTION DESKS ARE TO BE FURNISHED BY CLIENT.
- REFER TO COVER SHEET FOR PLAN SYMBOL DESIGNATIONS.

- LEGEND**
- X-X-X-X INTERIOR ELEVATION DESIGNATION
  - 1 DOOR DESIGNATION SEE SHEET A6.1
  - X NEW WINDOW - SEE SHEET A6.1
  - NEW WALL
  - NEW HALF-WALL

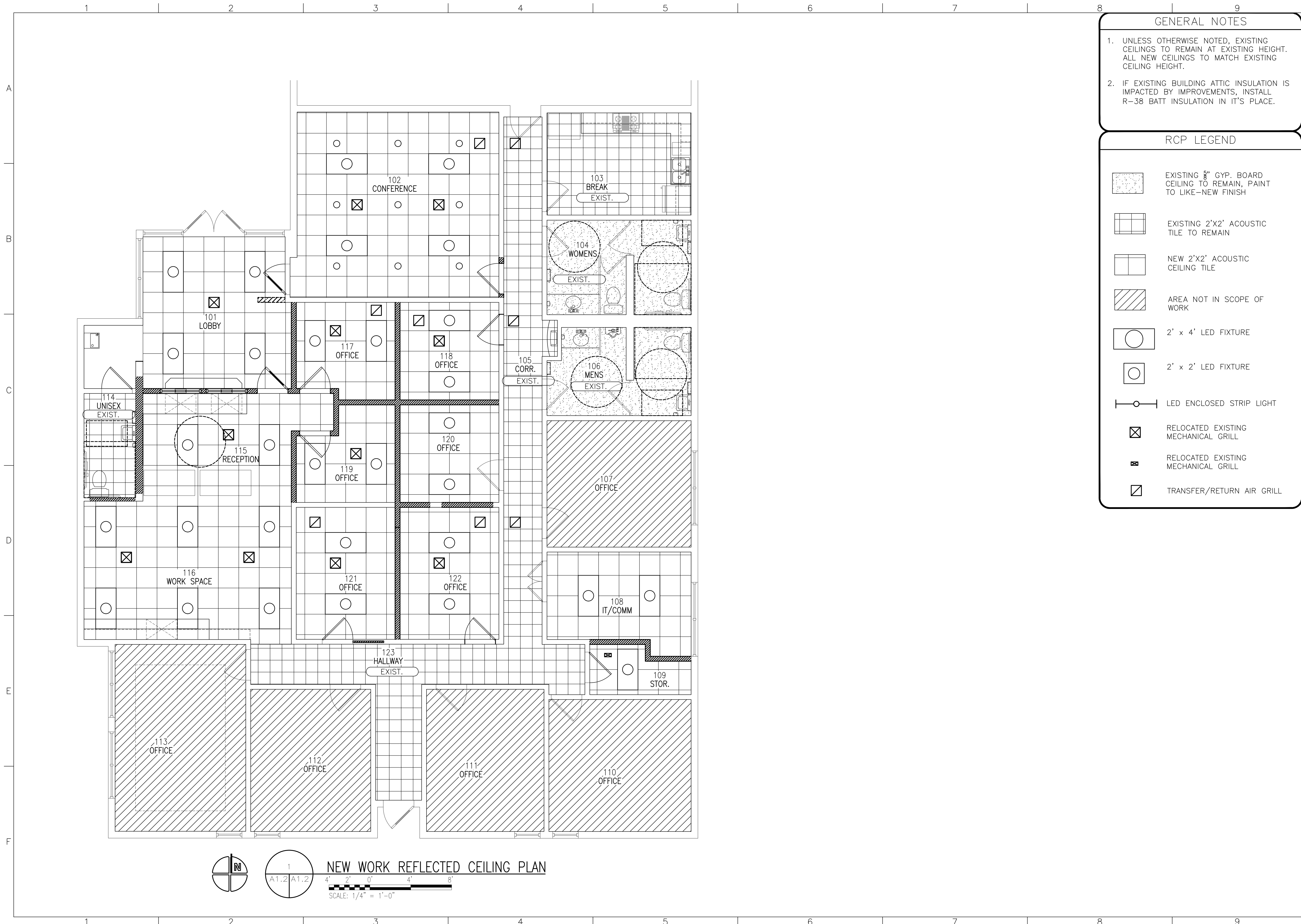
**CONSTRUCTION DOCUMENTS**

NEW WORK FLOOR PLAN, WALL TYPES  
 INTERIOR RENOVATION FOR  
 BAY COUNTY UTILITIES DEPARTMENT  
 3410 TRANSMITTER ROAD  
 PANAMA CITY  
 FL

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**GENERAL NOTES**

- UNLESS OTHERWISE NOTED, EXISTING CEILING TO REMAIN AT EXISTING HEIGHT. ALL NEW CEILING TO MATCH EXISTING CEILING HEIGHT.
- IF EXISTING BUILDING ATTIC INSULATION IS IMPACTED BY IMPROVEMENTS, INSTALL R-38 BATT INSULATION IN IT'S PLACE.

**RCP LEGEND**

- EXISTING 5/8" GYP. BOARD CEILING TO REMAIN, PAINT TO LIKE-NEW FINISH
- EXISTING 2'X2' ACOUSTIC TILE TO REMAIN
- NEW 2'X2' ACOUSTIC CEILING TILE
- AREA NOT IN SCOPE OF WORK
- 2' x 4' LED FIXTURE
- 2' x 2' LED FIXTURE
- LED ENCLOSED STRIP LIGHT
- RELOCATED EXISTING MECHANICAL GRILL
- RELOCATED EXISTING MECHANICAL GRILL
- TRANSFER/RETURN AIR GRILL

**NEW WORK REFLECTED CEILING PLAN**

1  
A1.2 | A1.2

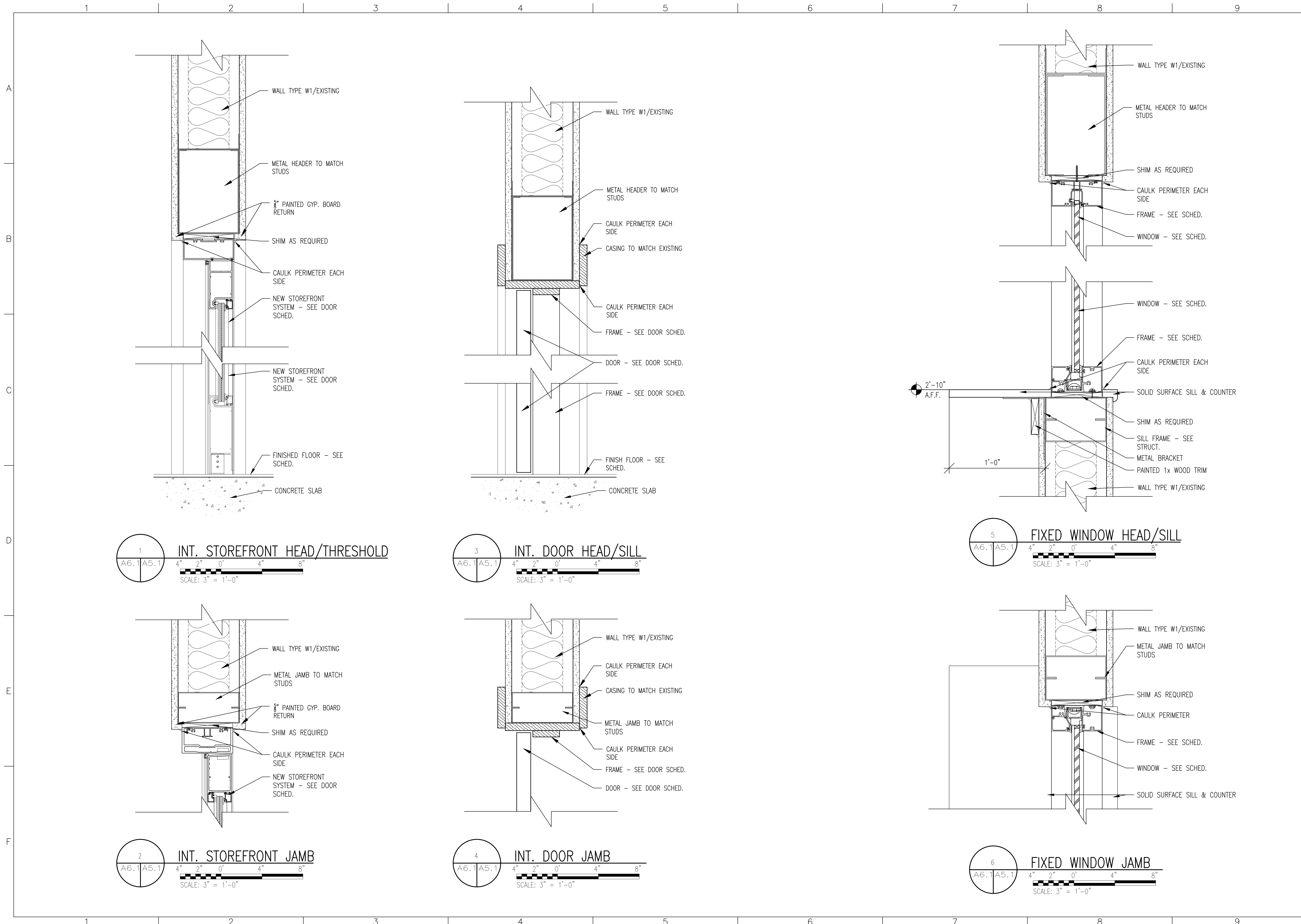
SCALE: 1/4" = 1'-0"

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CONSTRUCTION DOCUMENTS  
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 SHEET NO. **A1.2**



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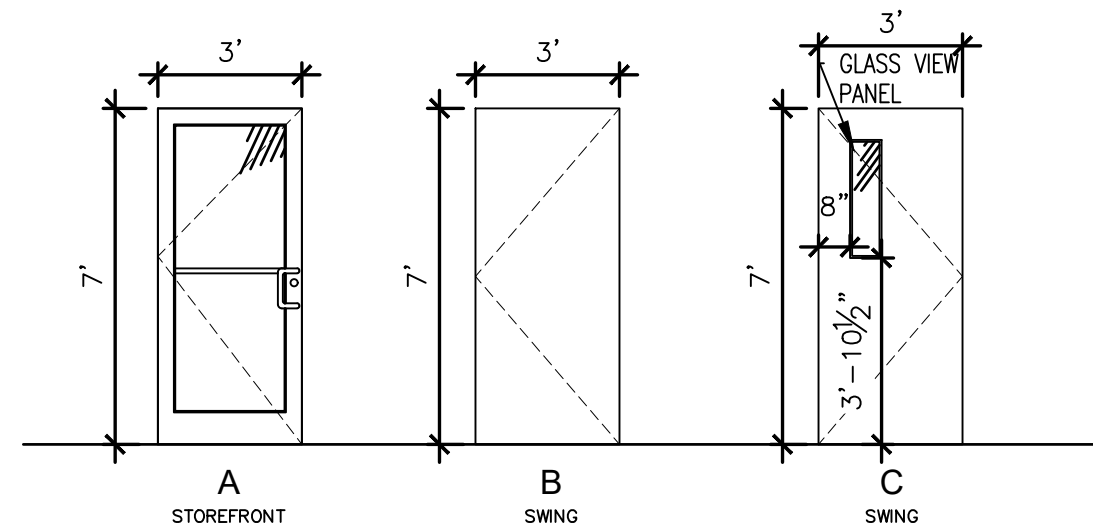
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 3410 TRANSMITTER ROAD  
 PANAMA CITY, FL  
 SHEET NO. A5.1

DOOR SCHEDULE

DOOR NO.	DOOR							FRAME					NOTES
	ELEV.	WIDTH	HGT	THK	MTL	FIN	GLAZING	ELEV.	MTL	FIN	HEAD	JAMB	
1	A	3'-0"	7'-0"	1 3/4"	AL	ME	TG	1	AL	ME	1/A5.1	2/A5.1	1/A5.1
2	B	3'-0"	7'-0"	1 3/8"	WD	ME	N/A	1	WD	ME	3/A5.1	4/A5.1	3/A5.1
3	C	3'-0"	7'-0"	1 3/8"	WD	ME	TG	1	WD	ME	3/A5.1	4/A5.1	3/A5.1

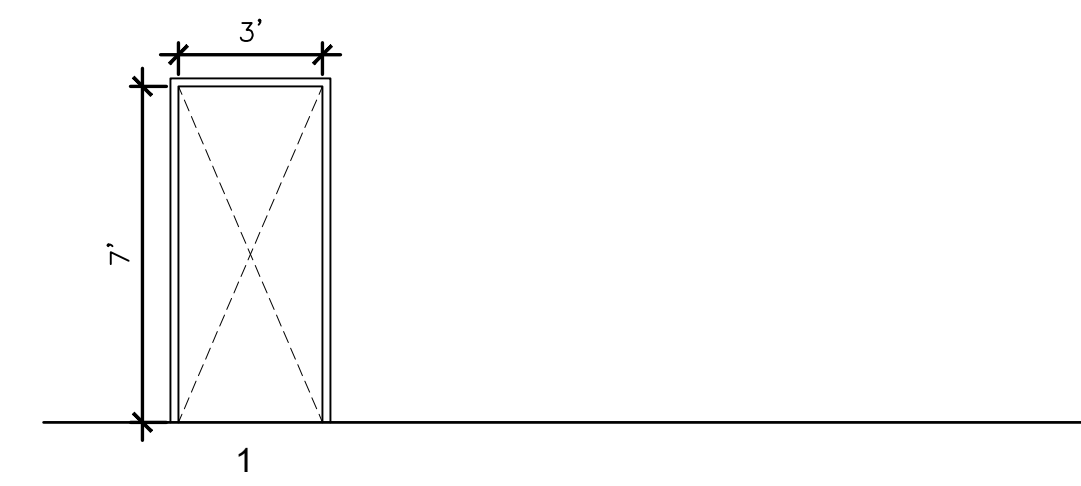
ABBREVIATIONS:

PT	PAINT	CC	STAIN & CLEAR COAT
N/A	NOT APPLICABLE	TG	TEMPERED GLASS-1/4"
HM	HOLLOW METAL	WG	WIRED GLASS-1/4"
AL	ALUMINUM	FL	FIRELITE-3/8"
WD	SOLID CORE WOOD	MF	MANUFACTURER'S STANDARD
LMI	LARGE MISSILE IMPACT RATED	ME	MATCH EXISTING



DOOR ELEVATIONS

1/4" = 1'-0"



DOOR FRAME ELEVATIONS

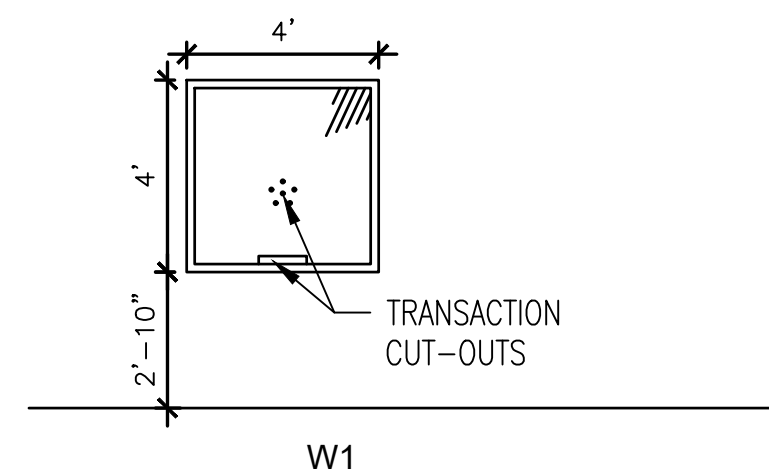
1/4" = 1'-0"

WINDOW SCHEDULE

WINDOW NUMBER	SIZE	ELEV.	MTL.	GLAZING		FRAME					TYPE	NOTES
				TYPE	TEMP	MTL	FIN	HEAD	JAMB	SILL		
A	4'-0" x 4'-0"	W1	PX	NON-INS.	NO	AL	PT	5/A5.1	6/A5.1	5/A5.1	FIXED	

ABBREVIATIONS:

HM	HOLLOW METAL
ME	MATCH EXISTING
PT	PAINT
PX	1/2" PLEXIGLASS
AL	ALUMINUM
LMI	LARGE MISSILE IMPACT
NON-INS.	NON-INSULATED



WINDOW ELEVATIONS

1/4" = 1'-0"

ROOM FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	FLOOR MATL.	BASE	WALLS				CEILING MATL.	CEILING HEIGHT	NOTES
				NORTH	EAST	SOUTH	WEST			
101	LOBBY	EXIST./ME	EXIST./ME	EXIST.	PT1	PT1	PT1	A.C.T.	ME	
102	CONFERENCE	EXIST./ME	EXIST./ME	PT1	PT1	PT1	PT1	A.C.T.	ME	
103	BREAK	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	
104	WOMENS	EXIST./ME	EXIST./ME	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	
105	CORRIDOR	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	
106	MENS	EXIST./ME	EXIST./ME	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	
107	OFFICE	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	
108	IT/COMM	EXIST./ME	EXIST./ME	EXIST.	EXIST.	PT1	EXIST.	A.C.T.	ME	
109	STORAGE	EXIST./ME	EXIST./ME	PT1	EXIST.	EXIST.	EXIST.	A.C.T.	ME	
110	OFFICE	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	
111	OFFICE	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	
112	OFFICE	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	
113	OFFICE	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	
114	UNISEX	EXIST.	EXIST.	PT1	PT1	PT1	PT1	EXIST.	ME	1,2
115	RECEPTION	EXIST./ME	EXIST./ME	PT1	PT1	N/A	PT1	A.C.T.	ME	
116	WORK SPACE	EXIST./ME	EXIST./ME	PT1	EXIST.	PT1	EXIST.	A.C.T.	ME	
117	OFFICE	EXIST./ME	EXIST./ME	PT1	PT1	PT1	PT1	A.C.T.	ME	
118	OFFICE	EXIST./ME	EXIST./ME	PT1	PT1	PT1	PT1	A.C.T.	ME	
119	OFFICE	EXIST./ME	EXIST./ME	PT1	PT1	PT1	PT1	A.C.T.	ME	
120	OFFICE	EXIST./ME	EXIST./ME	PT1	PT1	PT1	PT1	A.C.T.	ME	
121	OFFICE	EXIST./ME	EXIST./ME	PT1	PT1	PT1	PT1	A.C.T.	ME	
122	OFFICE	EXIST./ME	EXIST./ME	PT1	PT1	PT1	PT1	A.C.T.	ME	
123	HALLWAY	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	

ABBREVIATIONS

<b>FLOOR:</b>	EXIST. EXISTING FLOORING TO REMAIN	<b>WALLS:</b>	PT1 EGGSHELL LATEX PAINT (2 COATS) COLOR AS DETERMINED BY OWNER
	EXIST./ME EXISTING/MATCH EXISTING		EXIST. REPAINT WALLS TO MATCH EXISTING AS NEEDED
<b>BASE:</b>	EXIST. EXISTING BASE TO REMAIN	<b>CEILING MATERIAL:</b>	GYP. 5/8" GYPSUM BOARD (PAINTED WHITE)
	EXIST./ME EXISTING/MATCH EXISTING		A.C.T. 24"x24" ACOUSTIC CEILING TILE
			ME MATCH EXISTING
			EXIST. EXISTING CEILING TO REMAIN

NOTES:

1. MOISTURE RESISTANT PAINT
2. MOISTURE RESISTANT GYPSUM BOARD

DATE	11/11/2025
DRAWN	EB/FL
REVIEWED	VW
REVISIONS	
NO.	DATE
DESC.	

PROJECT # 2508

FL

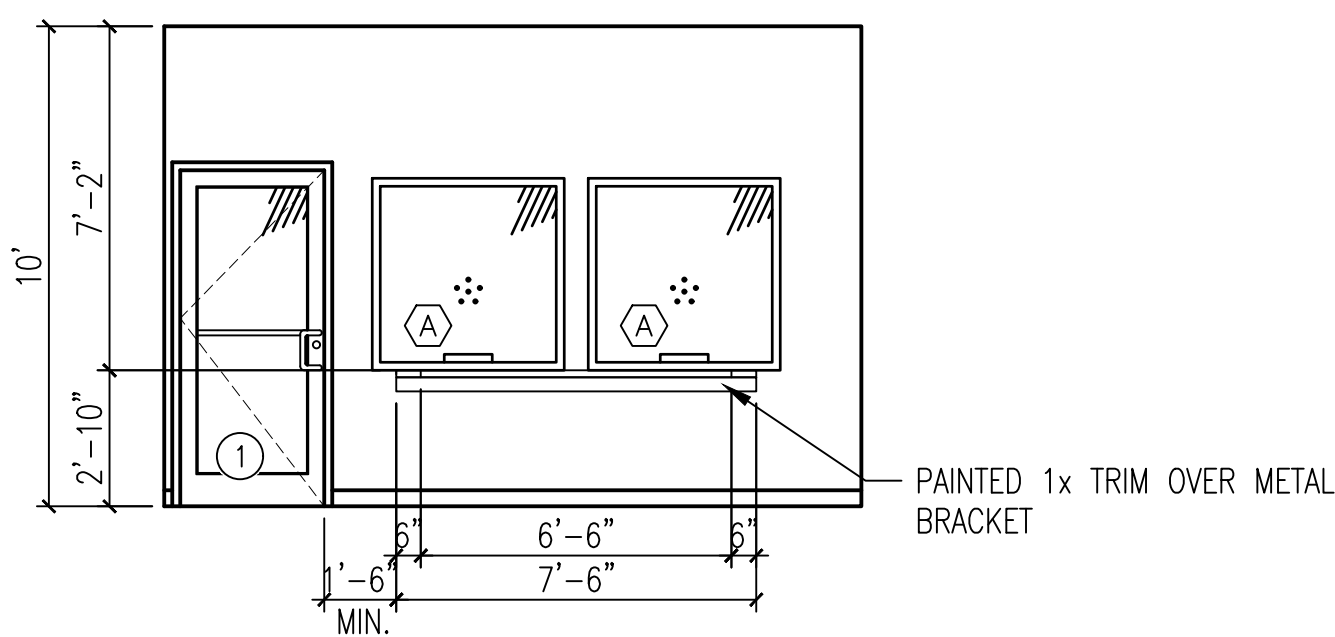
SCHEDULES  
 INTERIOR RENOVATION FOR  
 BAY COUNTY UTILITIES DEPARTMENT  
 3410 TRANSMITTER ROAD  
 PANAMA CITY

CONSTRUCTION DOCUMENTS

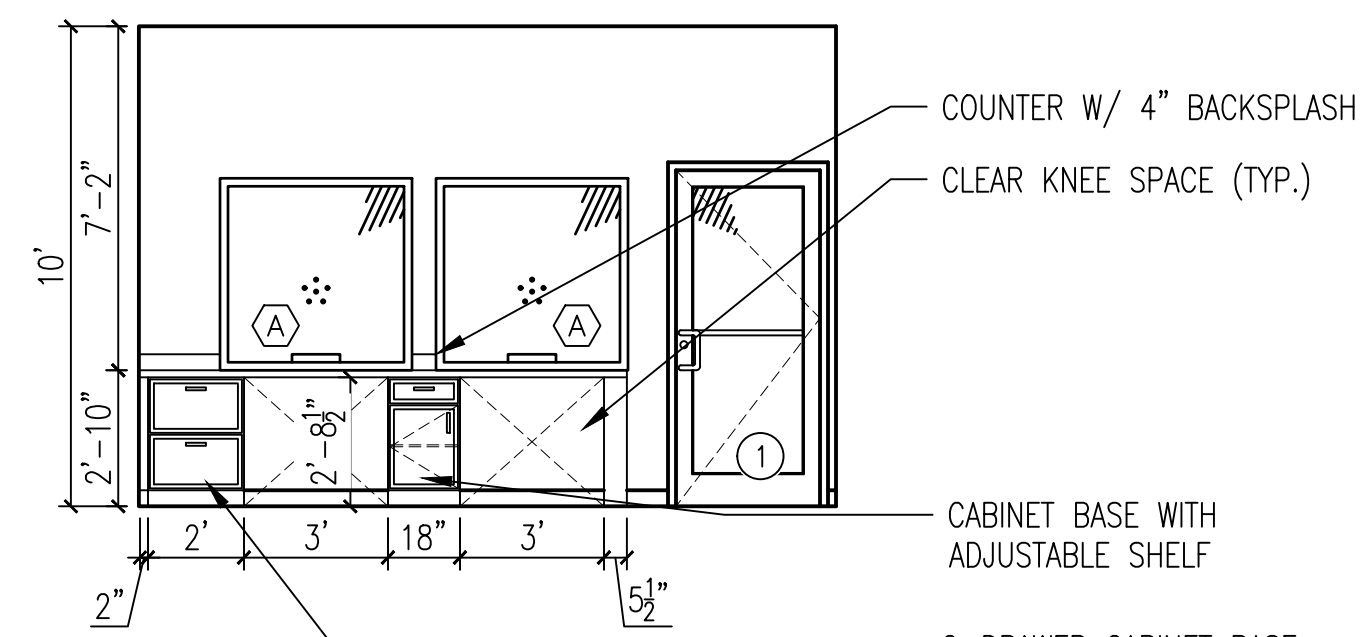
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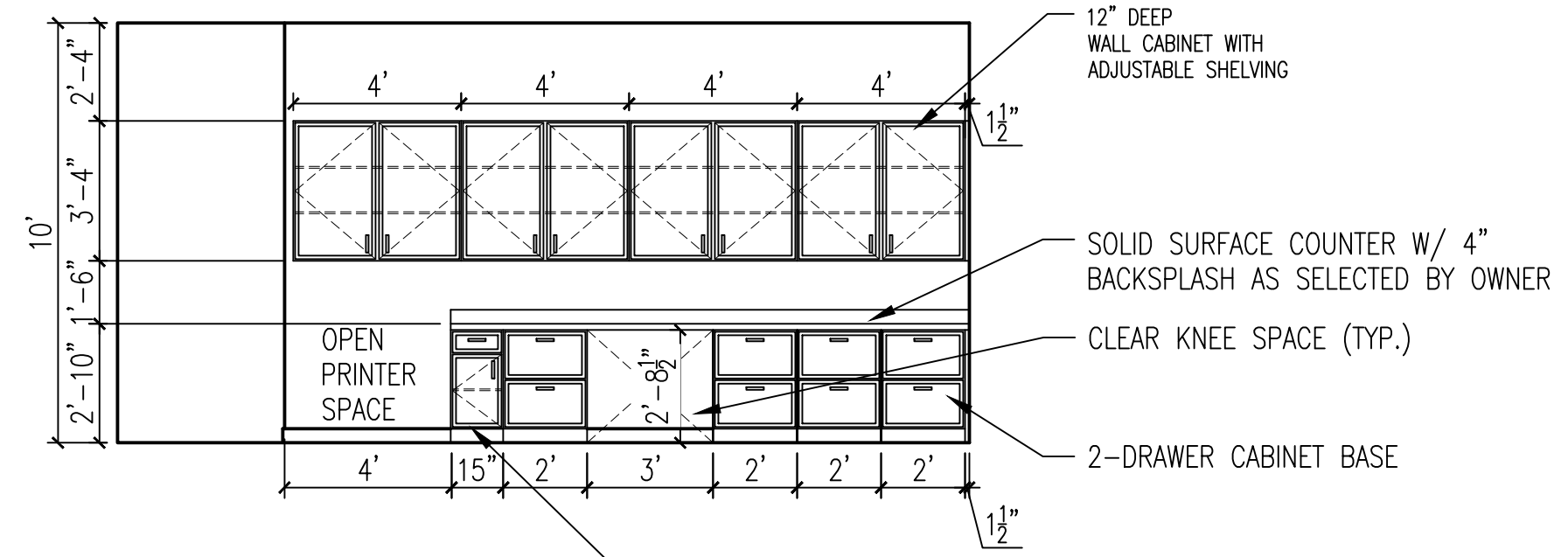




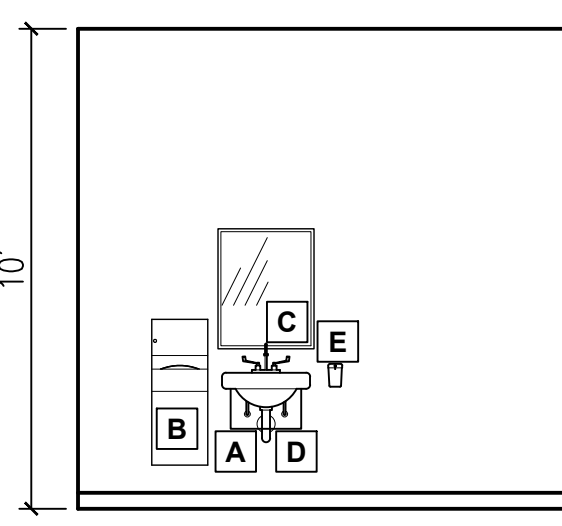
1 101 LOBBY ELEVATION  
A1.1 | A7.1  
SCALE: 1/4" = 1'-0"



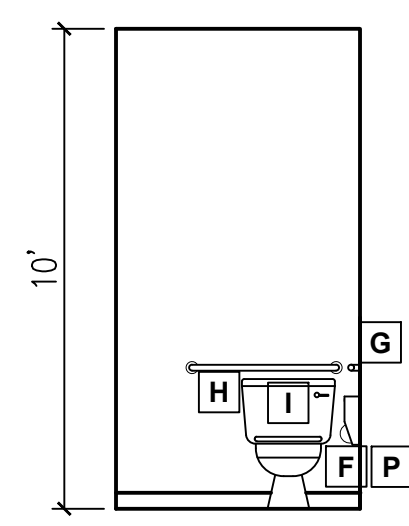
2 115 RECEPTION ELEVATION  
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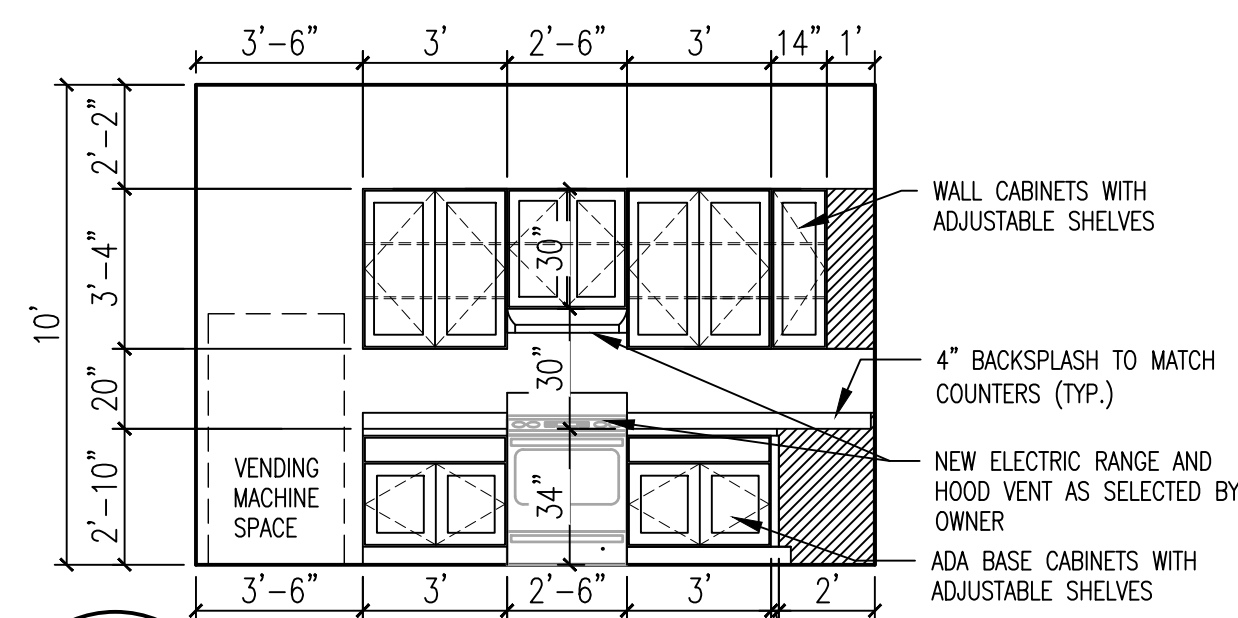
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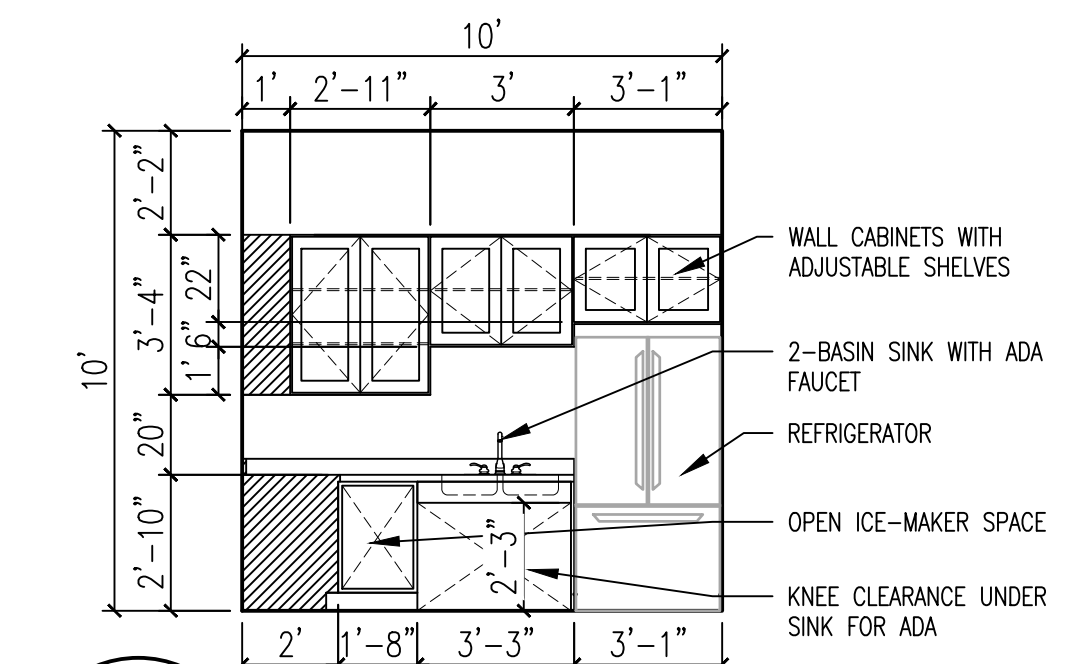
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A1.1 | A7.1  
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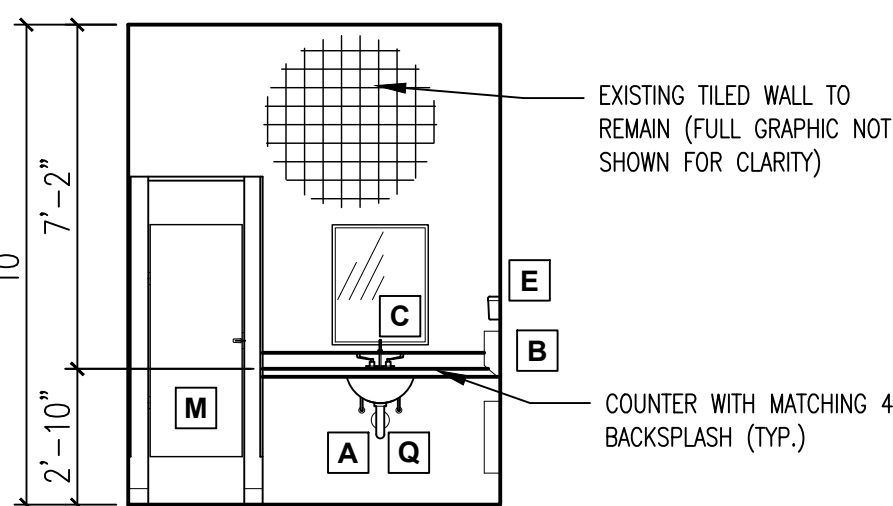
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A1.1 | A7.1  
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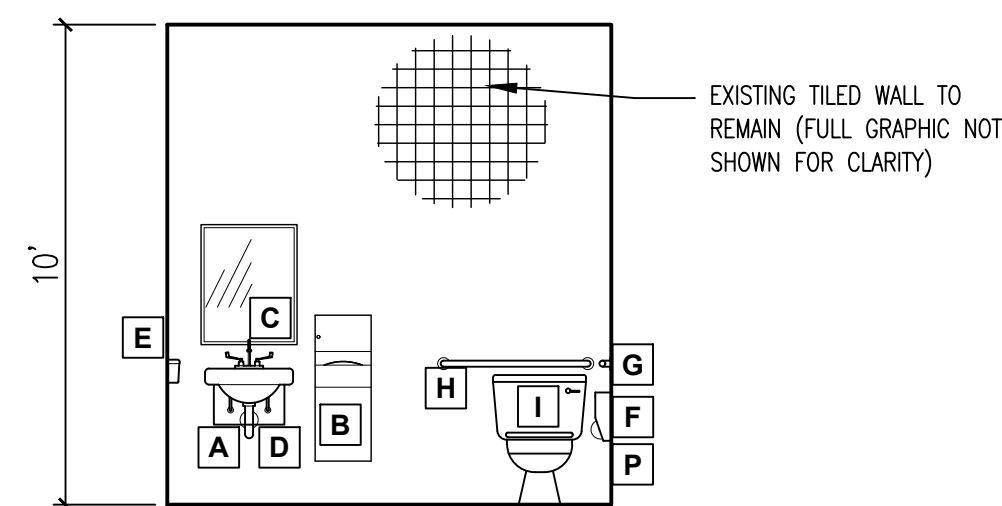
6 103 BREAK  
A1.1 | A7.1  
SCALE: 1/4" = 1'-0"



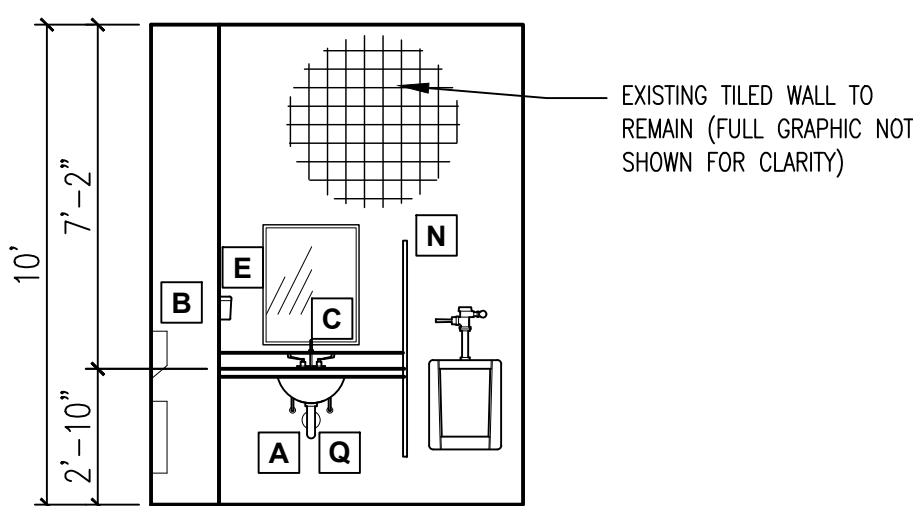
7 103 BREAK  
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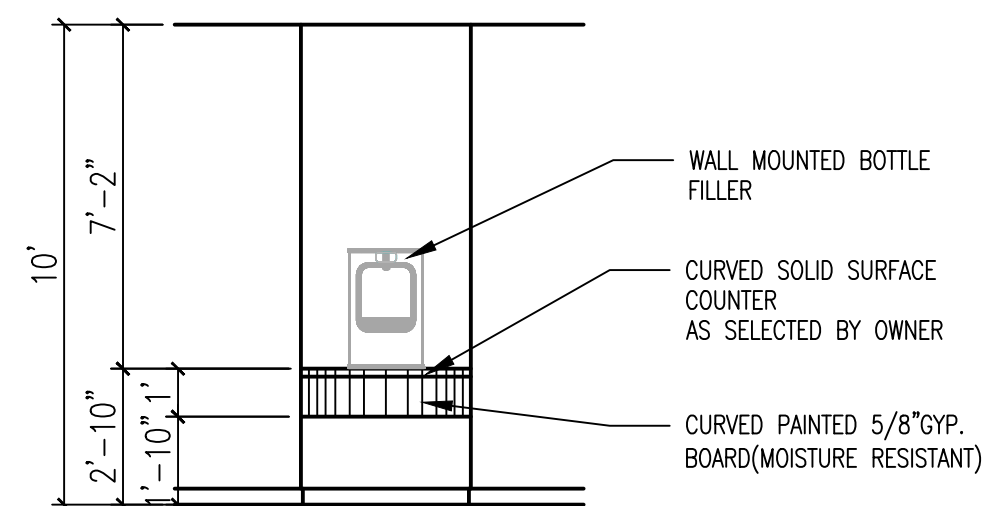
8 104 WOMENS  
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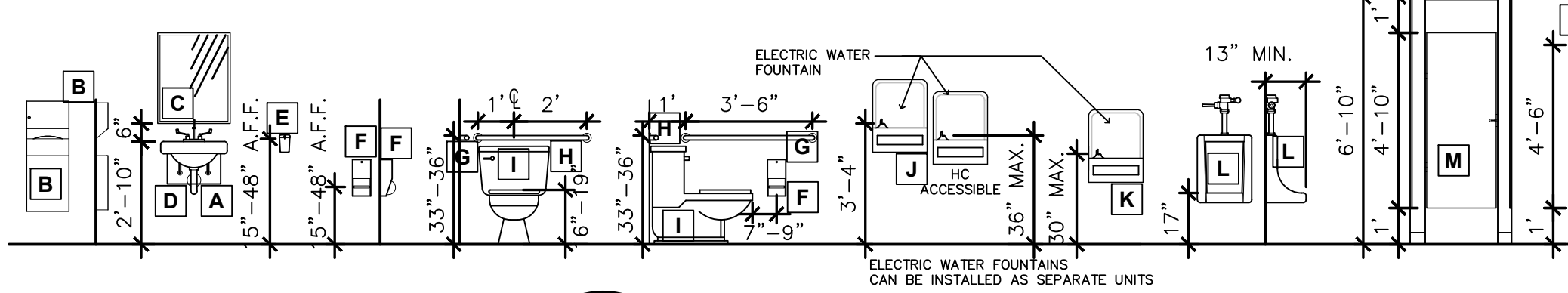
9 104/106 (TYP.)  
A1.1 | A7.1  
SCALE: 1/4" = 1'-0"



10 106 MENS  
A1.1 | A7.1  
SCALE: 1/4" = 1'-0"



11 105 CORRIDOR  
A1.1 | A7.1  
SCALE: 1/4" = 1'-0"



9 ADA RESTROOM REQUIREMENTS  
A7.1 | A7.1  
SCALE: 1/4" = 1'-0"

NOTES

- SEE MECHANICAL AND ELECTRICAL PLANS FOR LOCATION OF VENTS, SWITCHES, LIGHTS, ETC.
- OWNER TO SELECT & CONTRACTOR TO SUPPLY AND INSTALL FIXTURES AND APPLIANCES.
- OWNER TO SELECT & CONTRACTOR TO SUPPLY AND INSTALL CABINETS AND COUNTERS.
- UNLESS OTHERWISE NOTED, ALL CEILINGS TO BE 10'-0" A.F.F.
- UNLESS OTHERWISE NOTED ON ELECTRICAL PLANS, STANDARD DUPLEX OUTLETS TO BE MOUNTED AT 18" A.F.F.
- UNLESS OTHERWISE NOTED ON ELECTRICAL PLANS, OVER-CABINET OUTLETS TO BE MOUNTED HORIZONTALLY 2" ABOVE COUNTER.
- UNLESS OTHERWISE NOTED ON ELECTRICAL PLANS, TOGGLE SWITCHES TO BE MOUNTED AT 42" A.F.F.

LEGEND

- A LAVATORY PIPE INSULATOR
- B SURFACE MOUNTED HAND TOWEL DISPENSER AND TRASH RECEPTACLE
- C 24"x36" MIRROR
- D LAVATORY (ACCESSIBLE): WALL-MOUNT WITH PIPE APRON
- E SURFACE MOUNTED SOAP DISPENSER
- F SURFACE MOUNTED DUAL ROLL TOILET PAPER DISPENSER.
- G 1 1/2" Ø 42" LONG GRAB BAR.
- H 1 1/2" Ø 36" LONG GRAB BAR.
- I WATER CLOSET (ACCESSIBLE): FLOOR MOUNTED
- J ELECTRIC WATER FOUNTAIN (ACCESSIBLE & STANDARD)
- K ACCESSIBLE WATER FOUNTAIN
- L WALL MOUNTED URINAL
- M FLOOR MOUNTED TOILET PARTITION
- N WALL MOUNTED URINAL PARTITION
- O ELECTRIC HAND DRYER
- P FEMININE NAPKIN DISPOSAL
- Q DROP-IN LAVATORY

	SPECIFICATIONS FOR ACCESSIBLE WATER CLOSETS SERVING ADULTS	
	WHEELCHAIR ACCESSIBLE	AMBULATORY ACCESSIBLE
WATER CLOSET CENTERLINE	16-18 in. (405-455 mm)	17-19 in. (430-485 mm)
TOILET SEAT HEIGHT	17-19 in. (430-485 mm)	
WATER CLOSET CLEARANCE (WIDTHxDEPTH)	60 in. x 56 in. (1525x1420 mm)	
GRAB BAR HEIGHT	33-36 in. (840-915 mm)	
SIDE GRAB BAR (LENGTH, DISTANCE FROM REAR WALL)	42 in. (1065 mm) LONG, 12 in. (305 mm) FROM REAR WALL	
REAR GRAB BAR (LENGTH, DISTANCE FROM W.C. CENTERLINE TO WALL SIDE)	36 in. (915 mm) LONG, 12 in. (305 mm) FROM W.C. CENTERLINE TO WALL SIDE	
DISPENSER HEIGHT	15-48 in. (380-1220 mm)	
TOILET PAPER DISPENSER CENTERLINE IN FRONT OF WATER CLOSET	7-9 in. (180-230 mm)	
LAVATORY HEIGHT-RIM/COUNTER A.F.F.	34 in. (865 mm)	
LAVATORY CLEARANCE (WIDTHxDEPTH)	30 in. x 48 in. (760x1220 mm)	

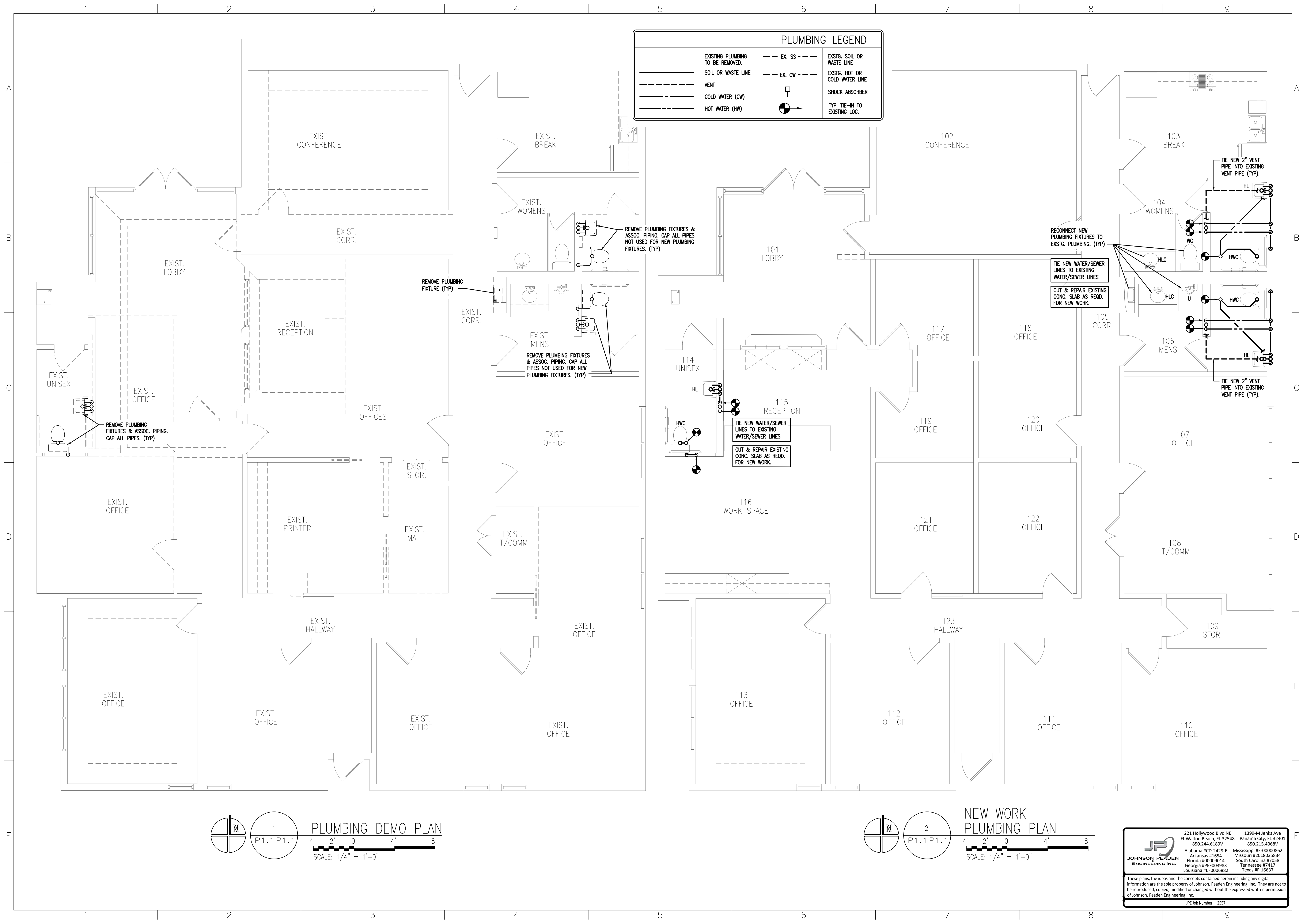
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DATE: 11/11/2025  
 DRAWN: EB/FL REVIEWED: VW  
 REVISIONS: NO. DATE DESC.

PROJECT # 2508  
 FL

CONSTRUCTION DOCUMENTS  
 INTERIOR ELEVATIONS  
 INTERIOR RENOVATION FOR  
 BAY COUNTY UTILITIES DEPARTMENT  
 3410 TRANSMITTER ROAD  
 PANAMA CITY

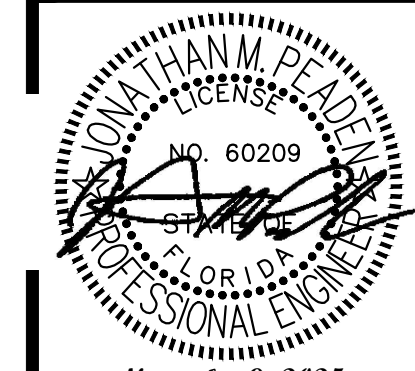
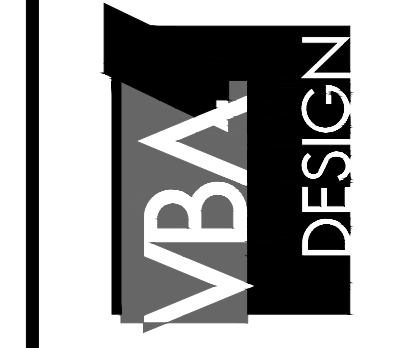
SHEET NO. A7.1



PLUMBING LEGEND			
	EXISTING PLUMBING TO BE REMOVED.		EXISTG. SOIL OR WASTE LINE
	SOIL OR WASTE LINE		EXISTG. HOT OR COLD WATER LINE
	VENT		SHOCK ABSORBER
	COLD WATER (CW)		TYP. TIE-IN TO EXISTING LOC.
	HOT WATER (HW)		

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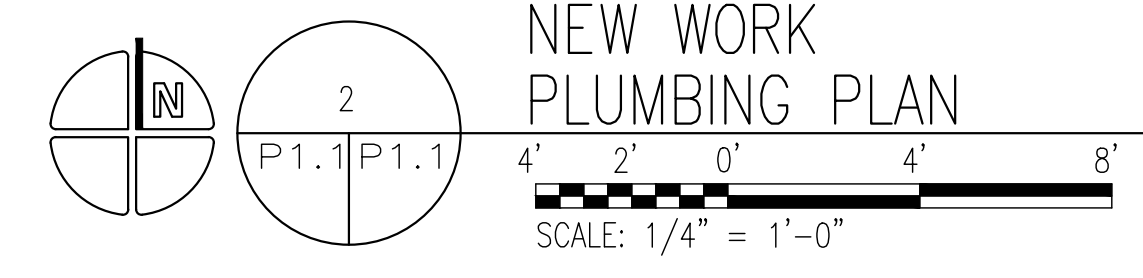
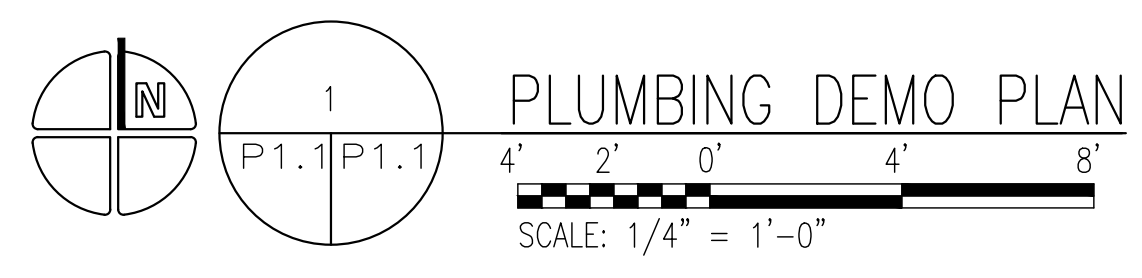
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November 9, 2025

DATE	11/09/25	REVIEWED	JMP
DRAWN	SLS		
REVISIONS			
NO.	DATE	DESC.	

PROJECT # 2508



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 JPE Job Number: 2557

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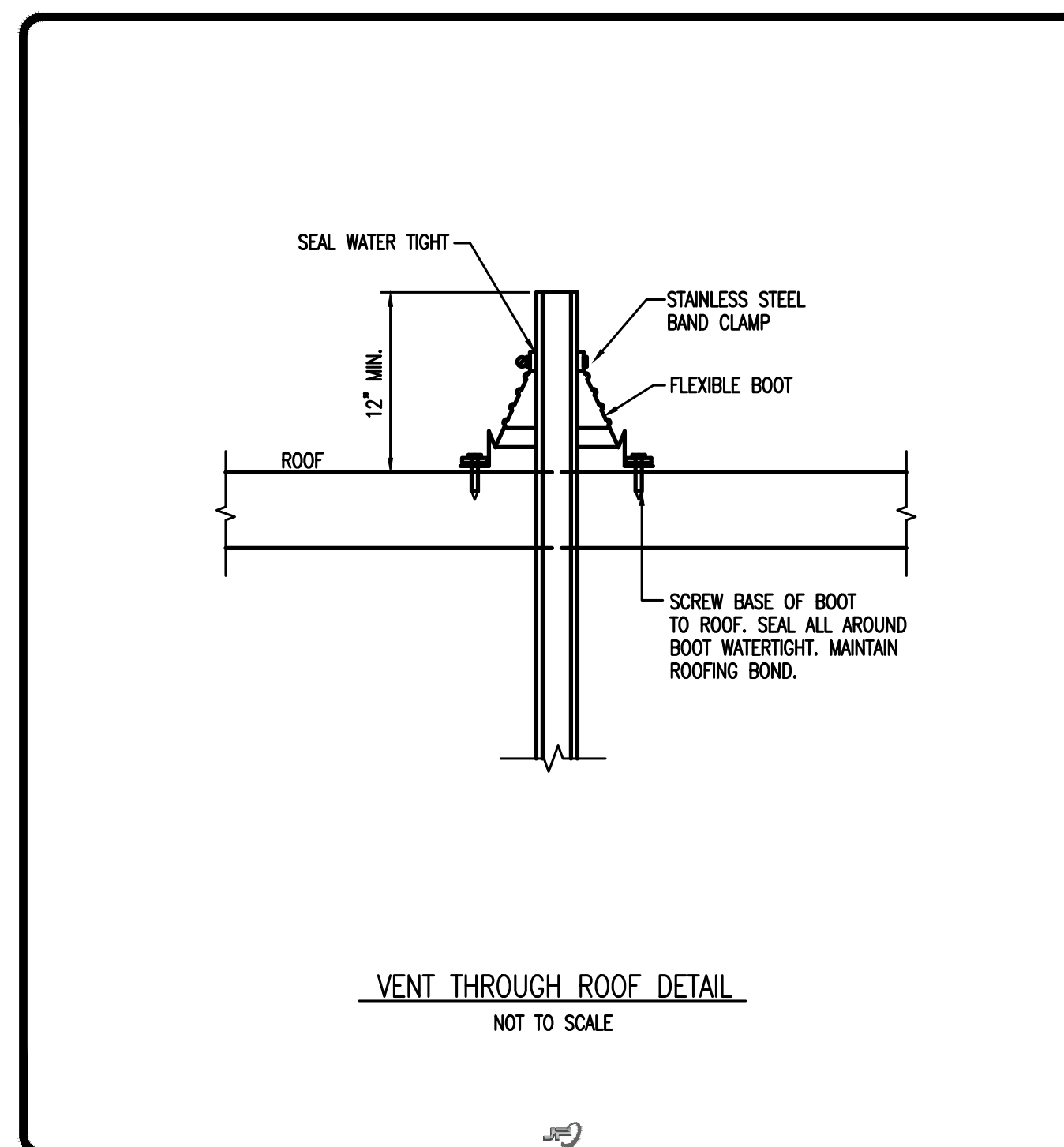
PLUMBING PLANS  
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 BAY COUNTY UTILITIES DEPARTMENT  
 310 TRANSMITTER ROAD  
 PANAMA CITY, FL

**GENERAL PLUMBING NOTES**

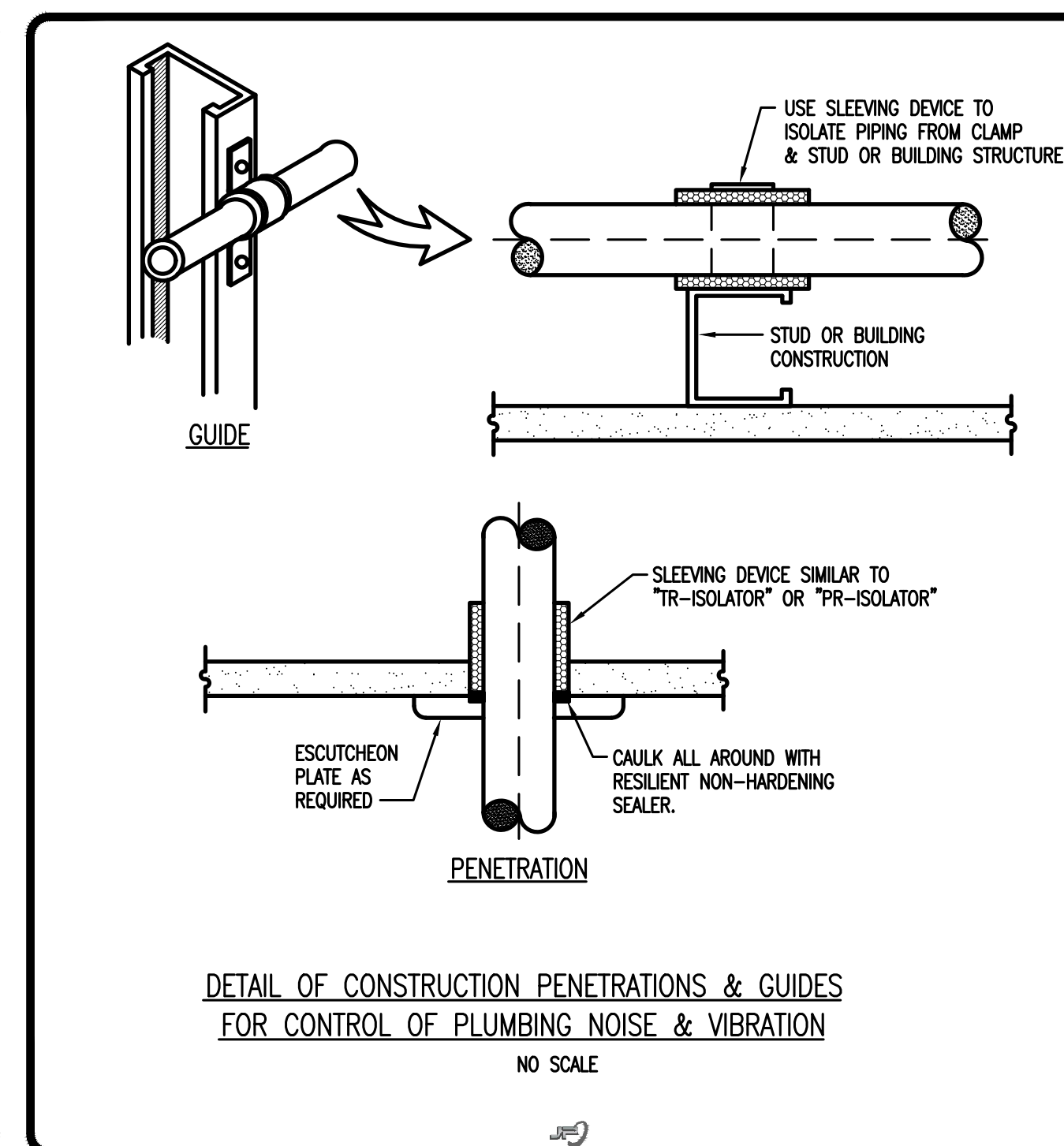
- FURNISH ALL LABOR, MATERIALS AND EQUIPMENT NEEDED TO PROVIDE A COMPLETE PLUMBING SYSTEM. THIS INCLUDES, BUT IS NOT LIMITED TO, WATER PIPING, WASTE AND VENT PIPING, AND ALL NECESSARY VALVES, TRAPS, AND ACCESSORIES.
- ALL WORK SHALL BE PERFORMED BY SKILLED AND EXPERIENCE WORKMEN. WORK SHALL COMPLY WITH ALL APPLICABLE STATE AND LOCAL CODES. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED PERMITS, LICENSES, AND INSPECTIONS.
- ROUGH-INS SHALL BE MADE FROM ARCHITECTURAL DRAWINGS AND FIELD VERIFICATION, NOT FROM PLUMBING DRAWINGS AS THEY ARE ONLY SCHEMATIC. THIS CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS AND TAPS, AND FOR CHECKING ALL ELEVATIONS, GRADES, AND INVERTS BEFORE THE START OF CONSTRUCTION. IF UNSATISFACTORY CONDITIONS EXIST, NOTIFY THE ARCHITECT IMMEDIATELY.
- THIS CONTRACTOR SHALL COORDINATE ALL WORK WITH THE ELECTRICAL, MECHANICAL, AND FIRE PROTECTION CONTRACTORS TO AVOID CONFLICTS WITH OTHER TRADES. MAKE DEVIATIONS AS NECESSARY FROM THE WORK SHOWN ON THE DRAWINGS TO ENSURE THE WORK FITS THE SPACE(S) PROVIDED. NOTIFY THE ARCHITECT OF ALL NECESSARY DEVIATIONS.
- IF NEW CONNECTIONS REQUIRE INTERRUPTION OF EXISTING SERVICES, ALL PREPARATORY WORK SHALL BE COMPLETED EARLY TO MINIMIZE TIME. WHERE POSSIBLE, PROVIDE TEMPORARY CONNECTIONS TO MAINTAIN UTILITY SERVICE.
- ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND WITHOUT DEFECTS. SUBMIT SHOP DRAWINGS FOR ALL EQUIPMENT AND MATERIALS. ALL WORK DONE BY THIS CONTRACTOR SHALL BE WARRANTED FOR ONE YEAR FROM THE TIME THE OWNER GIVES ACCEPTANCE OR GAINS BENEFICIAL USE, WHICHEVER IS FIRST.
- ALL SANITARY AND VENT LINES SHALL BE HUBLESS CAST IRON PIPE (CISPI 310-78 STANDARD WEIGHT WITH SPIGOT ENDS FOR COUPLING, HUBLESS CAST IRON JOINTS TO BE CISPI 310 STAINLESS STEEL SHIELD OVER ONE PIECE NEOPRENE SLEEVE. THIS CONTRACTOR MAY USE PVC PIPE AND FITTINGS CONFORMING TO ASTM D-2865 WHERE ALLOWED BY CODE.
- ROOF PENETRATIONS SHALL BE FLASHED AND MADE WATER-TIGHT IN A MANNER APPROVED BY THE MANUFACTURER OF THE ROOFING MATERIAL AND COMPLYING WITH ARCHITECTURAL REQUIREMENTS.
- PROVIDE CLEANOUTS WHERE INDICATED ON PLANS AND AS NECESSARY TO COMPLY WITH THE STANDARD PLUMBING CODE. ALL CLEANOUTS SHALL BE IN ACCESSIBLE LOCATIONS.
- INSULATE ALL DOMESTIC WATER PIPING ABOVE GRADE WITH 3/4" THICK FLEXIBLE CLOSED-CELL POLYETHYLENE INSULATION. SEAL ALL JOINTS AND SEAMS AND INSULATE FITTINGS IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
- HANGERS FOR EQUIPMENT AND PIPING SHALL BE SECURED TO THE BUILDING STRUCTURE. NO HANGERS SHALL BE ATTACHED TO THE FLOOR OR ROOF DECK MATERIAL, OR CONCRETE DECKS LESS THAN 4" THICK.
- INSTALL SHOCK ABSORBERS VERTICALLY AT EACH FIXTURE. OFFSET AS NEEDED TO GAIN A MINIMUM HEIGHT OF 18". ALL SHOCK ABSORBERS SHALL BE A MINIMUM OF ONE PIPE SIZE LARGER THAN THE BRANCH BEING SERVED.
- PROVIDE CHROME PLATED BRASS ESCUTCHEON PLATES AT ALL PENETRATIONS OF WALLS, FLOORS OR CEILINGS IN FINISHED AREAS AND UNDER LAVATORIES. PROVIDE STOPS AND TRAPS FOR ALL FIXTURES. LEAK TEST WATER PIPING, FOR NOT LESS THAN 90 MINUTES AT 100 PSI. FILL SANITARY SEWER SYSTEM TO A MINIMUM HEIGHT OF TEN FEET AND LET STAND FOR AT LEAST 30 MINUTES WITHOUT LEAKAGE. AFTER PRESSURE TESTS HAVE BEEN MADE, THOROUGHLY FLUSH THE ENTIRE DOMESTIC WATER SYSTEM WITH WATER UNTIL ALL ENTRAINED DIRT AND MUD HAVE BEEN REMOVED, AND STERILIZE. THE STERILIZING MATERIAL SHALL BE EITHER LIQUID CHLORINE CONFORMING TO THE FED. SPEC. BB-C-120, OR HYPOCHLORITE CONFORMING TO FED. SPEC. O-C-114, OR FED. SPEC. O-S-602M. THE CHLORINATING AGENT SHALL PROVIDE A MINIMUM DOSAGE OF 50 PPM AND SHALL BE RETAINED IN THE SYSTEM FOR 90 MIN. THE SYSTEM WILL THEN BE FLUSHED WITH CLEAN POTABLE WATER UNTIL THE RESIDUAL CHLORINE IS REDUCED TO LESS THAN 1.0 PPM. HAVE THREE STATE-APPROVED INDEPENDENT TESTING FACILITIES TAKE SAMPLES AND DELIVER CERTIFICATES OF APPROVAL TO THE OWNER. ANY NEGATIVE RESULTS MUST BE INVESTIGATED, AND IF NECESSARY CORRECTED, BEFORE THE BUILDING MAY BE ACCEPTED.

**PLUMBING FIXTURE SCHEDULE**

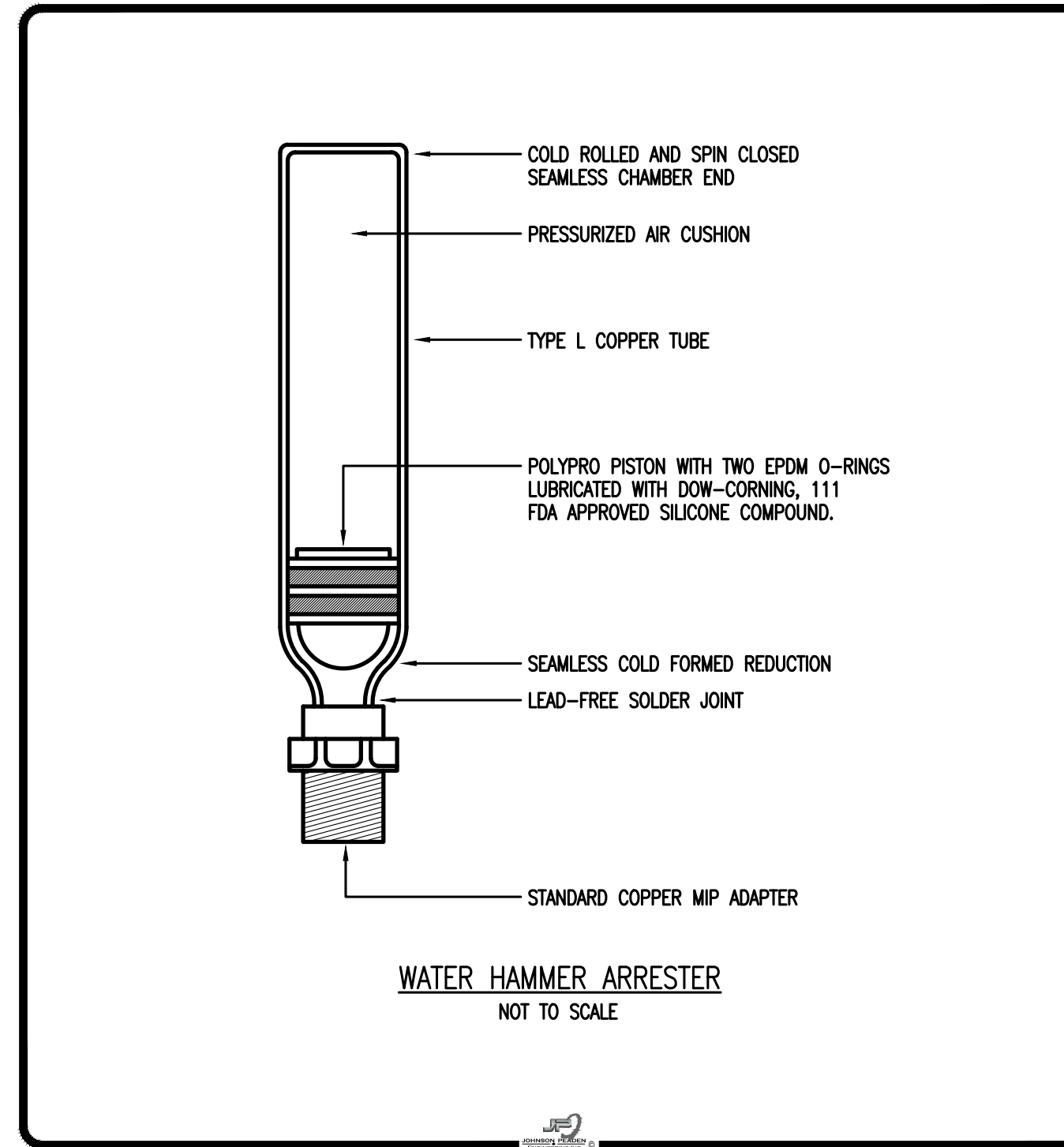
MARK	FIXTURE	SANITARY	C.W.	H.W.
WC	WATER CLOSET, FLOOR, FLUSH VALVE	3"	1-1/4"	-
HWC	WATER CLOSET, FLOOR, TANK TYPE, ADA COMPLIANT	3"	1-1/4"	-
U	URINAL, WALL HUNG WITH CARRIER	2"	3/4"	-
HLC	LAVATORY, SELF-RIMMING COUNTERTOP, ADA COMPLIANT (WHERE REQ'D)	1 1/4"	1/2"	1/2"
HL	LAVATORY, WALL HUNG WITH CARRIER, ADA COMPLIANT	1 1/4"	1/2"	1/2"



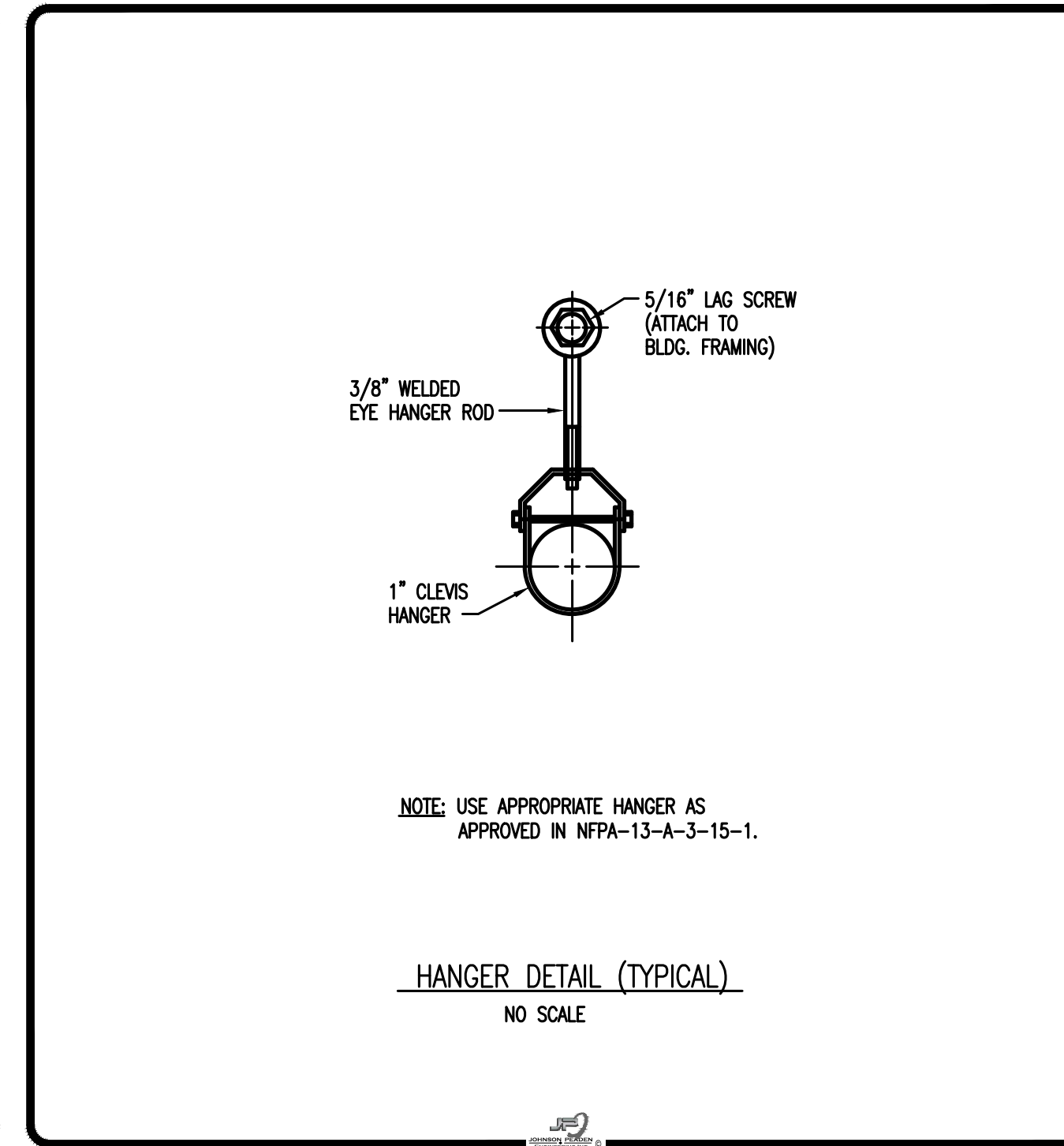
**VENT THROUGH ROOF DETAIL**  
NOT TO SCALE



**DETAIL OF CONSTRUCTION PENETRATIONS & GUIDES FOR CONTROL OF PLUMBING NOISE & VIBRATION**  
NO SCALE

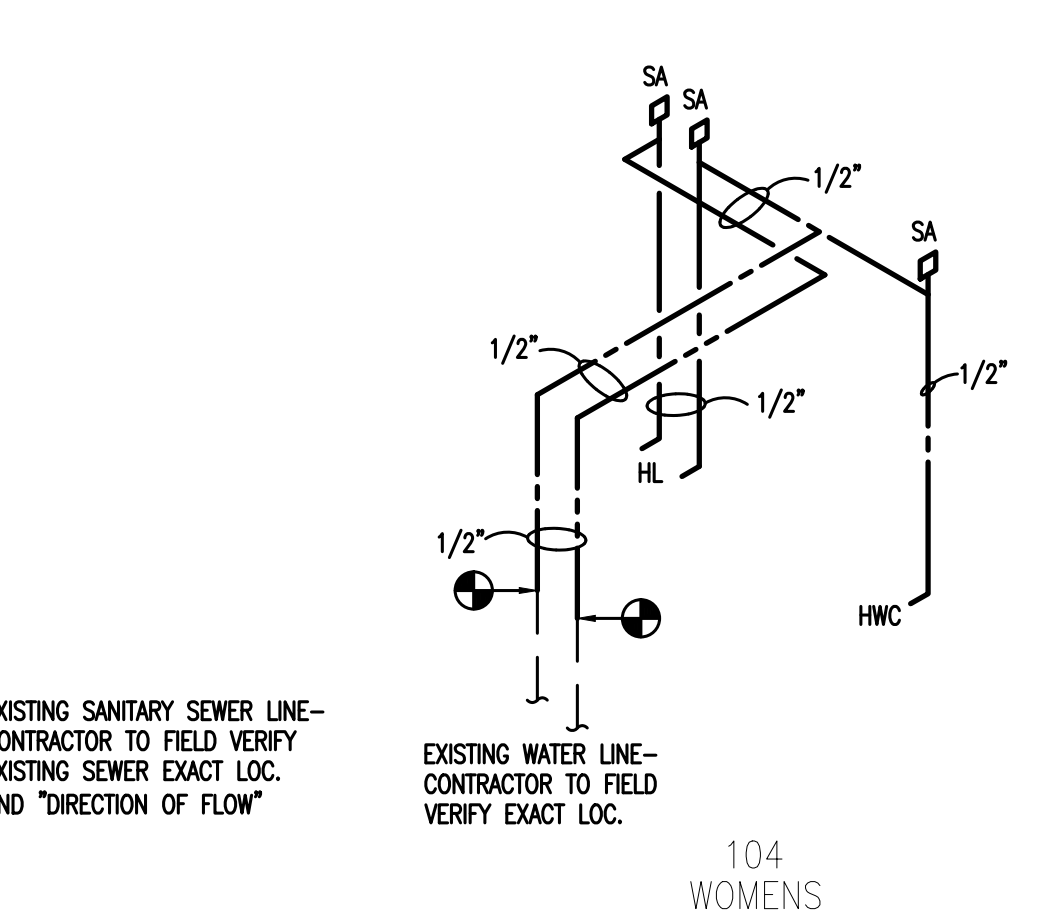
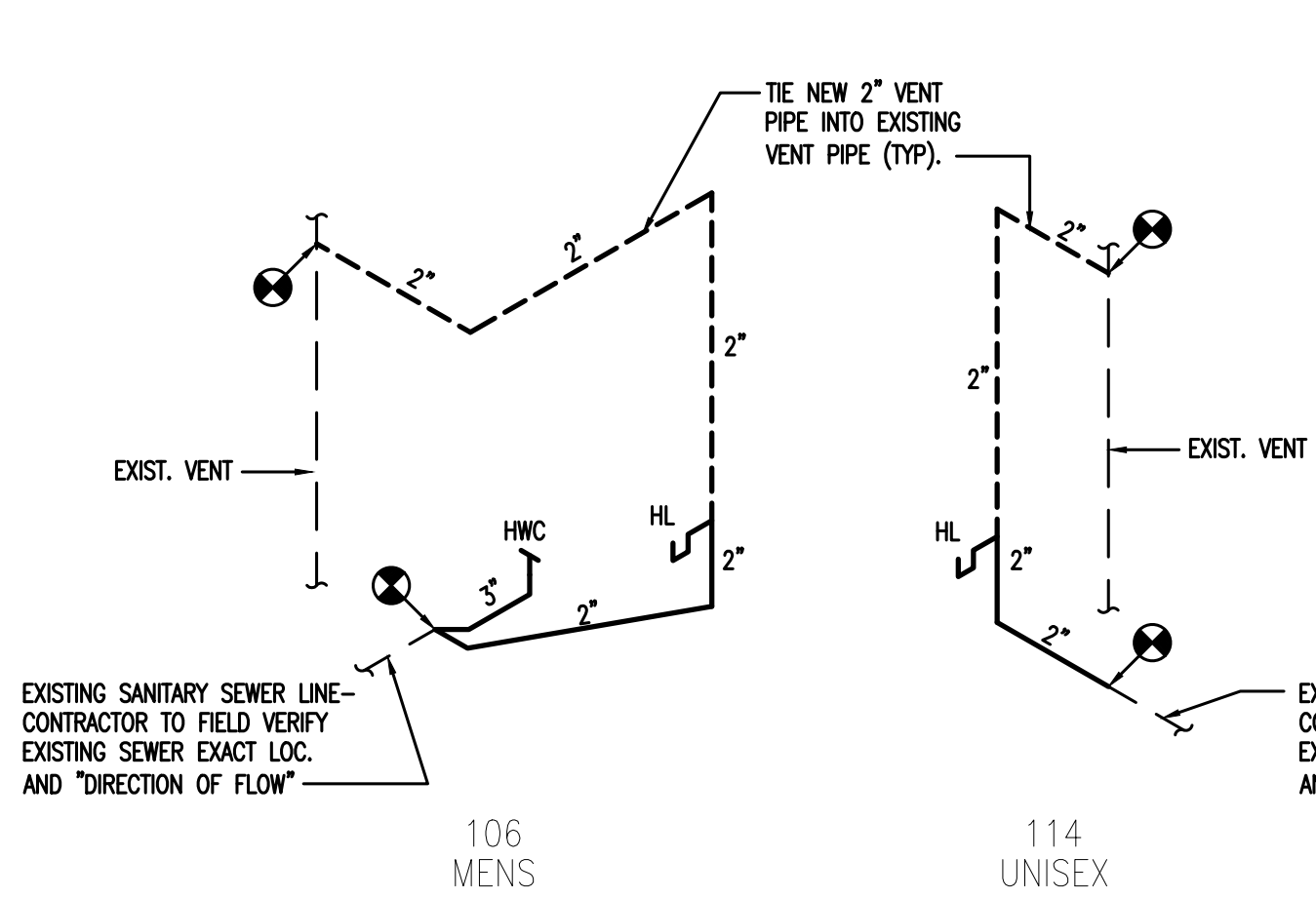
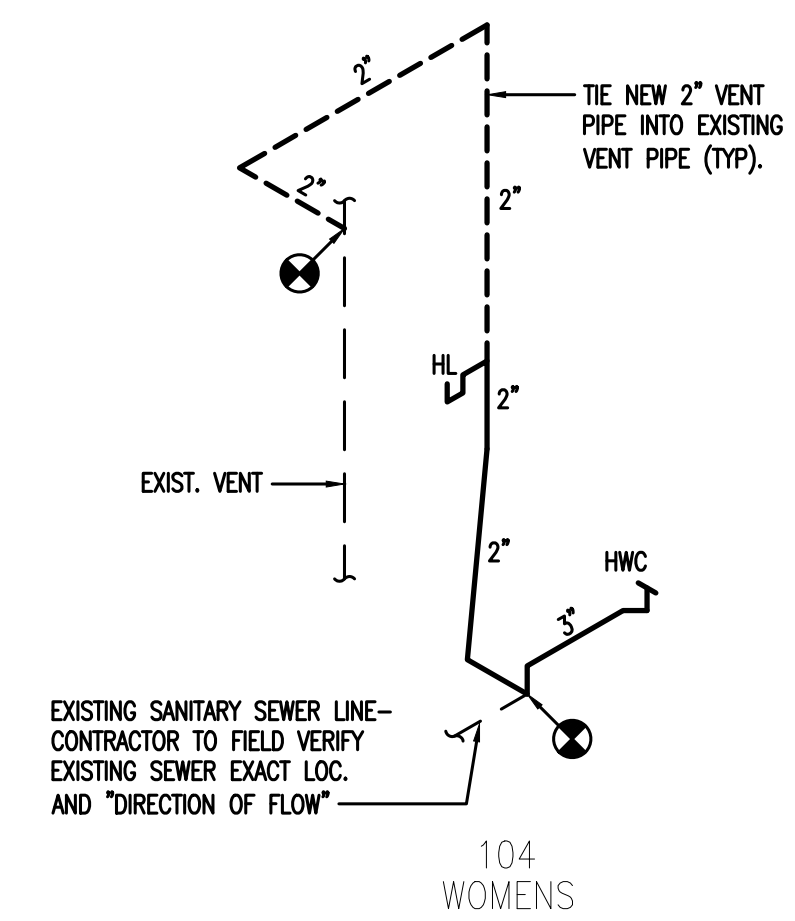


**WATER HAMMER ARRESTER**  
NOT TO SCALE

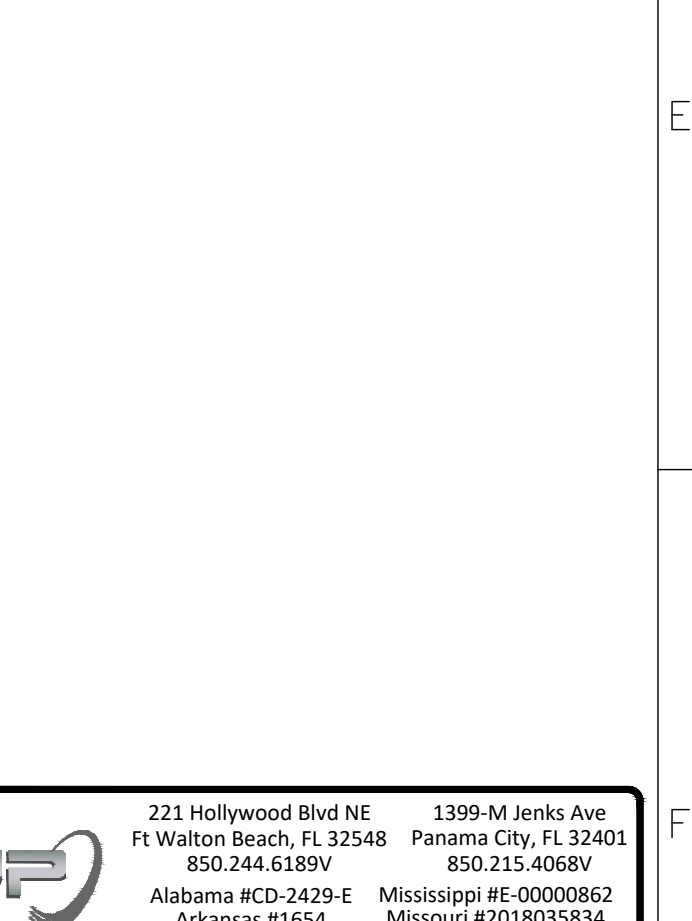
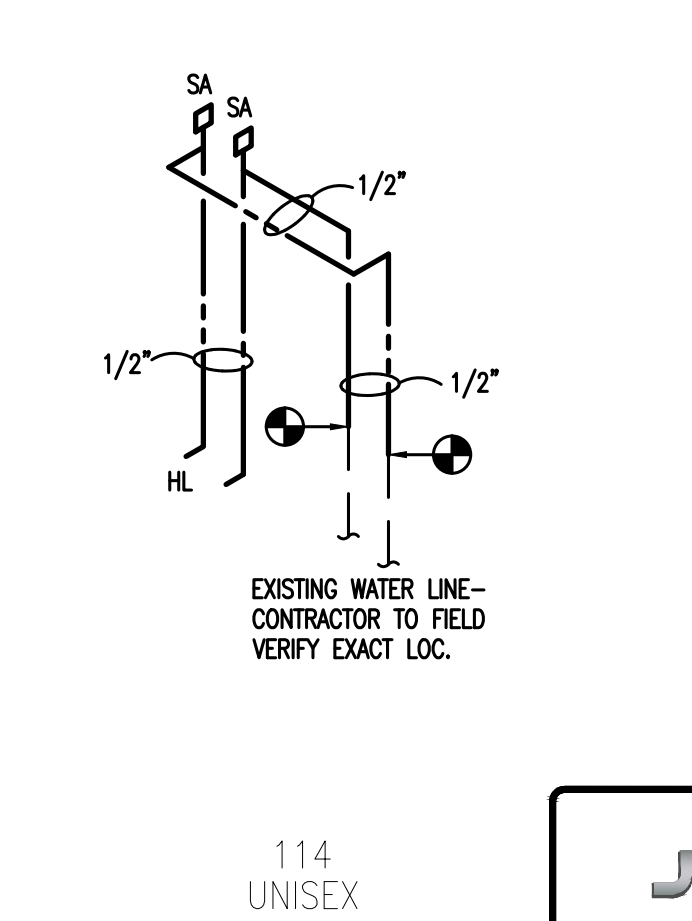
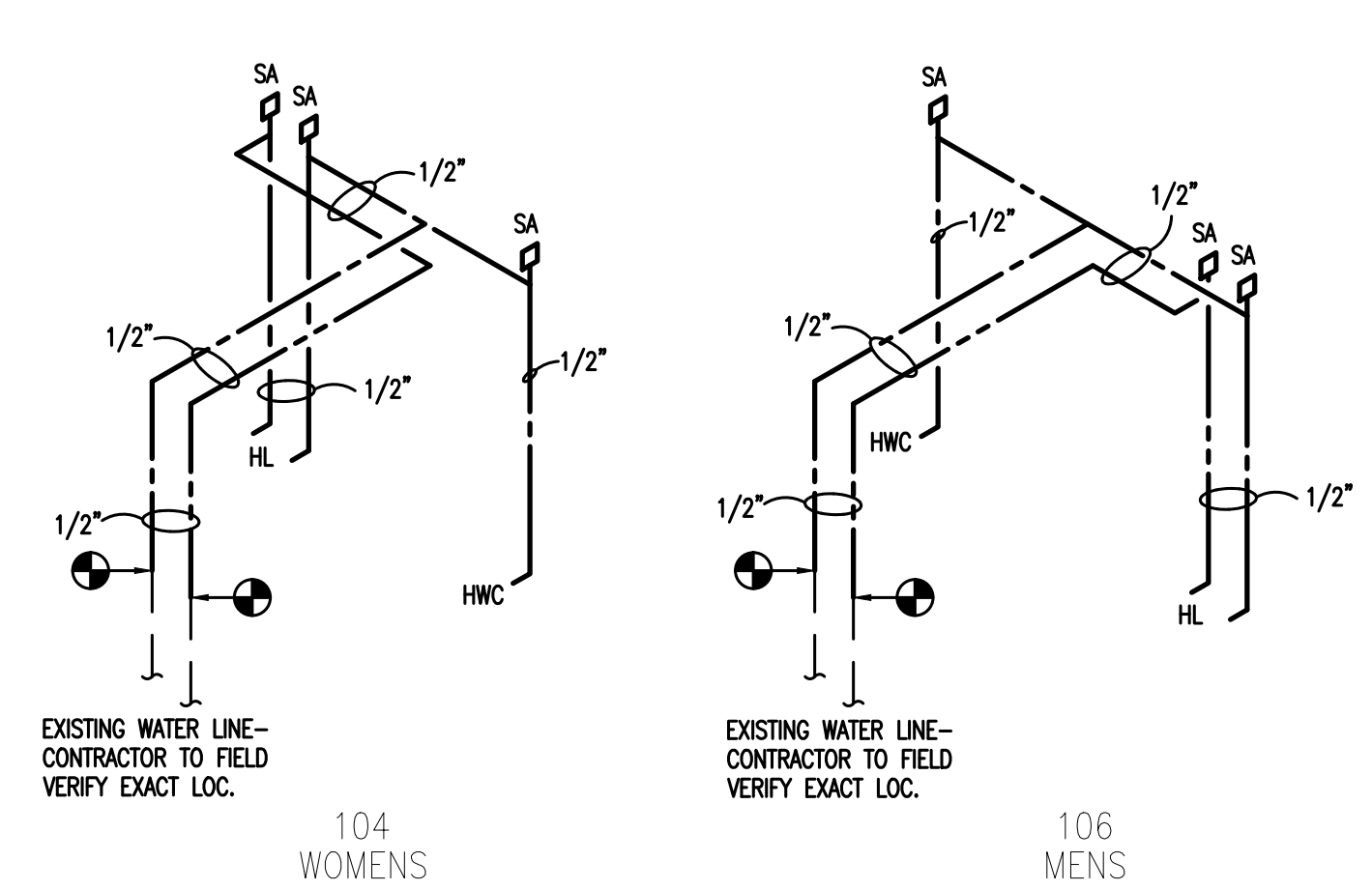


NOTE: USE APPROPRIATE HANGER AS APPROVED IN NFPA-13-A-3-15-1.

**HANGER DETAIL (TYPICAL)**  
NO SCALE



**WASTE & VENT RISERS**  
SCALE: NOT TO SCALE



**DOMESTIC WATER RISERS**  
SCALE: NOT TO SCALE

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221 Hollywood Blvd NE  
Ft Walton Beach, FL 32548  
850.244.6189V  
Alabama #CD-2429-E  
Arkansas #1554  
Florida #0009014  
Georgia #F003983  
Louisiana #EF006882  
1399-M Jenks Ave  
Panama City, FL 32401  
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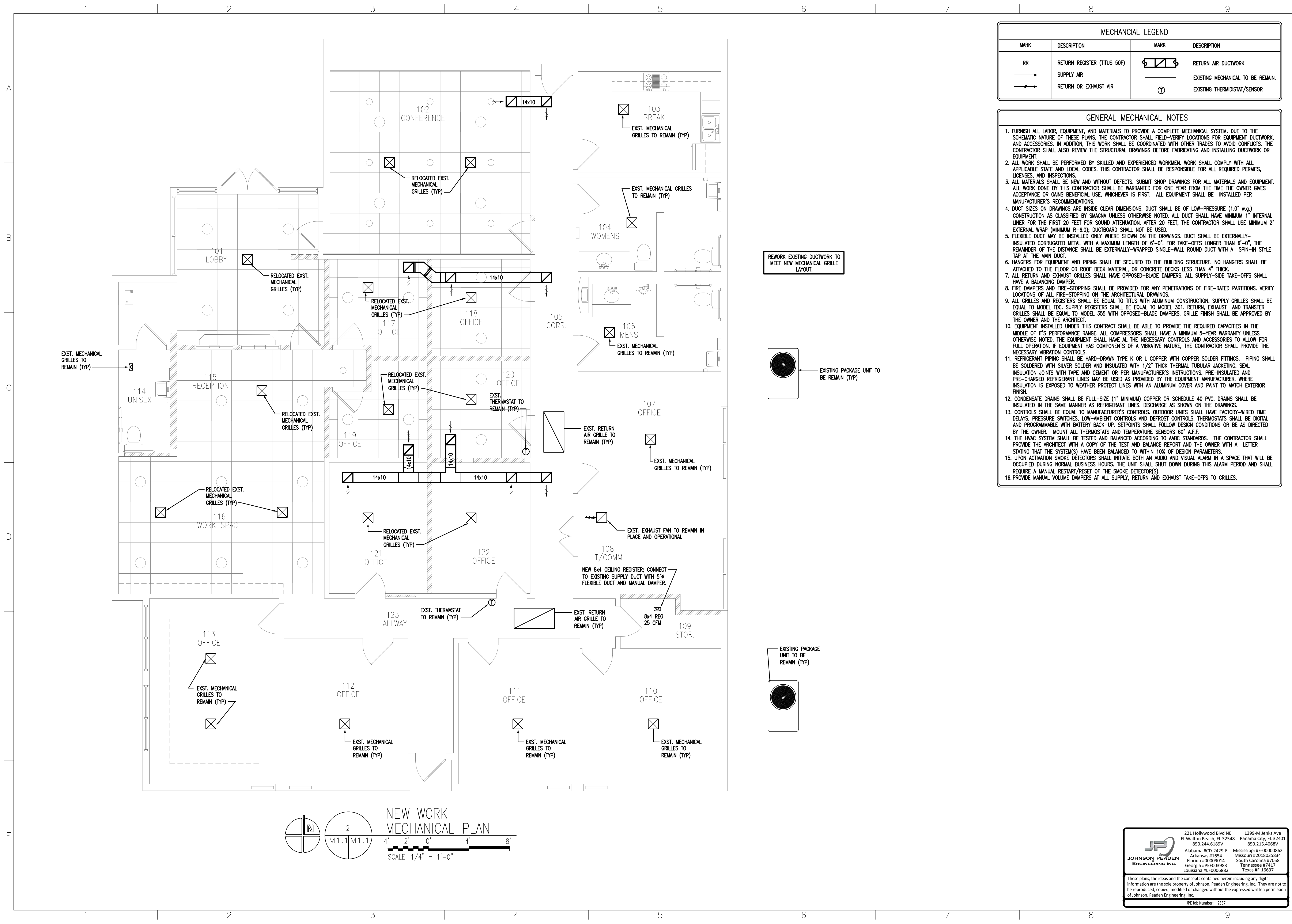
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DRAWN: SLS  
REVISIONS:  
NO. DATE DESC.  
REVIEWED: JMP

PROJECT # 2508

**CONSTRUCTION DOCUMENTS**  
PLUMBING DETAILS, RISERS AND SCHEDULES  
**INTERIOR RENOVATION FOR BAY COUNTY UTILITIES DEPARTMENT**  
310 TRANSMITTER ROAD  
PANAMA CITY, FL

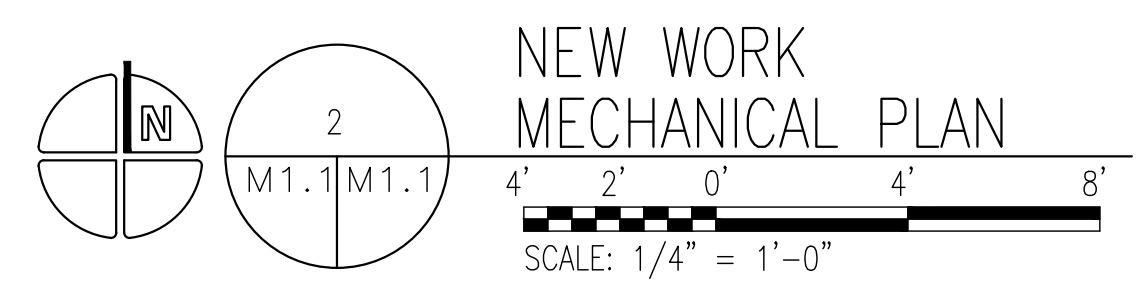
SHEET NO. **P2.1**





MECHANICAL LEGEND			
MARK	DESCRIPTION	MARK	DESCRIPTION
RR	RETURN REGISTER (TITUS 50F)		RETURN AIR DUCTWORK
	SUPPLY AIR		EXISTING MECHANICAL TO BE REMAIN.
	RETURN OR EXHAUST AIR		EXISTING THERMISTAT/SENSOR

- GENERAL MECHANICAL NOTES**
- FURNISH ALL LABOR, EQUIPMENT, AND MATERIALS TO PROVIDE A COMPLETE MECHANICAL SYSTEM. DUE TO THE SCHEMATIC NATURE OF THESE PLANS, THE CONTRACTOR SHALL FIELD-VERIFY LOCATIONS FOR EQUIPMENT DUCTWORK, AND ACCESSORIES. IN ADDITION, THIS WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID CONFLICTS. THE CONTRACTOR SHALL ALSO REVIEW THE STRUCTURAL DRAWINGS BEFORE FABRICATING AND INSTALLING DUCTWORK OR EQUIPMENT.
  - ALL WORK SHALL BE PERFORMED BY SKILLED AND EXPERIENCED WORKMEN. WORK SHALL COMPLY WITH ALL APPLICABLE STATE AND LOCAL CODES. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED PERMITS, LICENSES, AND INSPECTIONS.
  - ALL MATERIALS SHALL BE NEW AND WITHOUT DEFECTS. SUBMIT SHOP DRAWINGS FOR ALL MATERIALS AND EQUIPMENT. ALL WORK DONE BY THIS CONTRACTOR SHALL BE WARRANTED FOR ONE YEAR FROM THE TIME THE OWNER GIVES ACCEPTANCE OR GAINS BENEFICIAL USE, WHICHEVER IS FIRST. ALL EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
  - DUCT SIZES ON DRAWINGS ARE INSIDE CLEAR DIMENSIONS. DUCT SHALL BE OF LOW-PRESSURE (1.0" w.g.) CONSTRUCTION AS CLASSIFIED BY SMACNA UNLESS OTHERWISE NOTED. ALL DUCT SHALL HAVE MINIMUM 1" INTERNAL LINER FOR THE FIRST 20 FEET FOR SOUND ATTENUATION. AFTER 20 FEET, THE CONTRACTOR SHALL USE MINIMUM 2" EXTERNAL WRAP (MINIMUM R-6.0); DUCTBOARD SHALL NOT BE USED.
  - FLEXIBLE DUCT MAY BE INSTALLED ONLY WHERE SHOWN ON THE DRAWINGS. DUCT SHALL BE EXTERNALLY-INSULATED CORRUGATED METAL WITH A MAXIMUM LENGTH OF 6'-0". FOR TAKE-OFFS LONGER THAN 6'-0", THE REMAINDER OF THE DISTANCE SHALL BE EXTERNALLY-WRAPPED SINGLE-WALL ROUND DUCT WITH A SPIN-IN STYLE TAP AT THE MAIN DUCT.
  - HANGERS FOR EQUIPMENT AND PIPING SHALL BE SECURED TO THE BUILDING STRUCTURE. NO HANGERS SHALL BE ATTACHED TO THE FLOOR OR ROOF DECK MATERIAL, OR CONCRETE DECKS LESS THAN 4" THICK.
  - ALL RETURN AND EXHAUST GRILLES SHALL HAVE OPPOSED-BLADE DAMPERS. ALL SUPPLY-SIDE TAKE-OFFS SHALL HAVE A BALANCING DAMPER.
  - FIRE DAMPERS AND FIRE-STOPPING SHALL BE PROVIDED FOR ANY PENETRATIONS OF FIRE-RATED PARTITIONS. VERIFY LOCATIONS OF ALL FIRE-STOPPING ON THE ARCHITECTURAL DRAWINGS.
  - ALL GRILLES AND REGISTERS SHALL BE EQUAL TO TITUS WITH ALUMINUM CONSTRUCTION. SUPPLY GRILLES SHALL BE EQUAL TO MODEL TDC. SUPPLY REGISTERS SHALL BE EQUAL TO MODEL 301. RETURN, EXHAUST AND TRANSFER GRILLES SHALL BE EQUAL TO MODEL 355 WITH OPPOSED-BLADE DAMPERS. GRILLE FINISH SHALL BE APPROVED BY THE OWNER AND THE ARCHITECT.
  - EQUIPMENT INSTALLED UNDER THIS CONTRACT SHALL BE ABLE TO PROVIDE THE REQUIRED CAPACITIES IN THE MIDDLE OF ITS PERFORMANCE RANGE. ALL COMPRESSORS SHALL HAVE A MINIMUM 5-YEAR WARRANTY UNLESS OTHERWISE NOTED. THE EQUIPMENT SHALL HAVE ALL THE NECESSARY CONTROLS AND ACCESSORIES TO ALLOW FOR FULL OPERATION. IF EQUIPMENT HAS COMPONENTS OF A VIBRATIVE NATURE, THE CONTRACTOR SHALL PROVIDE THE NECESSARY VIBRATION CONTROLS.
  - REFRIGERANT PIPING SHALL BE HARD-DRAWN TYPE K OR L COPPER WITH COPPER SOLDER FITTINGS. PIPING SHALL BE SOLDERED WITH SILVER SOLDER AND INSULATED WITH 1/2" THICK THERMAL TUBULAR JACKETING. SEAL INSULATION JOINTS WITH TAPE AND CEMENT OR PER MANUFACTURER'S INSTRUCTIONS. PRE-INSULATED AND PRE-CHARGED REFRIGERANT LINES MAY BE USED AS PROVIDED BY THE EQUIPMENT MANUFACTURER. WHERE INSULATION IS EXPOSED TO WEATHER PROTECT LINES WITH AN ALUMINUM COVER AND PAINT TO MATCH EXTERIOR FINISH.
  - CONDENSATE DRAINS SHALL BE FULL-SIZE (1" MINIMUM) COPPER OR SCHEDULE 40 PVC. DRAINS SHALL BE INSULATED IN THE SAME MANNER AS REFRIGERANT LINES. DISCHARGE AS SHOWN ON THE DRAWINGS.
  - CONTROLS SHALL BE EQUAL TO MANUFACTURER'S CONTROLS. OUTDOOR UNITS SHALL HAVE FACTORY-WIRED TIME DELAYS, PRESSURE SWITCHES, LOW-AMBIENT CONTROLS AND DEFROST CONTROLS. THERMOSTATS SHALL BE DIGITAL AND PROGRAMMABLE WITH BATTERY BACK-UP. SETPOINTS SHALL FOLLOW DESIGN CONDITIONS OR BE AS DIRECTED BY THE OWNER. MOUNT ALL THERMOSTATS AND TEMPERATURE SENSORS 60" A.F.F.
  - THE HVAC SYSTEM SHALL BE TESTED AND BALANCED ACCORDING TO AABC STANDARDS. THE CONTRACTOR SHALL PROVIDE THE ARCHITECT WITH A COPY OF THE TEST AND BALANCE REPORT AND THE OWNER WITH A LETTER STATING THAT THE SYSTEM(S) HAVE BEEN BALANCED TO WITHIN 10% OF DESIGN PARAMETERS.
  - UPON ACTIVATION SMOKE DETECTORS SHALL INITIATE BOTH AN AUDIO AND VISUAL ALARM IN A SPACE THAT WILL BE OCCUPIED DURING NORMAL BUSINESS HOURS. THE UNIT SHALL SHUT DOWN DURING THIS ALARM PERIOD AND SHALL REQUIRE A MANUAL RESTART/RESET OF THE SMOKE DETECTOR(S).
  - PROVIDE MANUAL VOLUME DAMPERS AT ALL SUPPLY, RETURN AND EXHAUST TAKE-OFFS TO GRILLES.



**JOHNSON PEADEN ENGINEERING INC.**

221 Hollywood Blvd NE Ft Walton Beach, FL 32548 850.244.6189v	1399-M Jenks Ave Panama City, FL 32401 850.215.4068v
Alabama #CD-2429-E	Mississippi #E-0000862
Arkansas #1554	Missouri #2018035834
Florida #0009014	South Carolina #72058
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FAX: 850 763 0410

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**VBA DESIGN, INC.**  
ARCHITECTS AND PLANNERS  
2424 JENKS AVENUE, SUITE B  
PANAMA CITY, FLORIDA 32405  
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**VBA DESIGN**

FLORIDA PROFESSIONAL ENGINEER  
No. 60209  
November 9, 2025

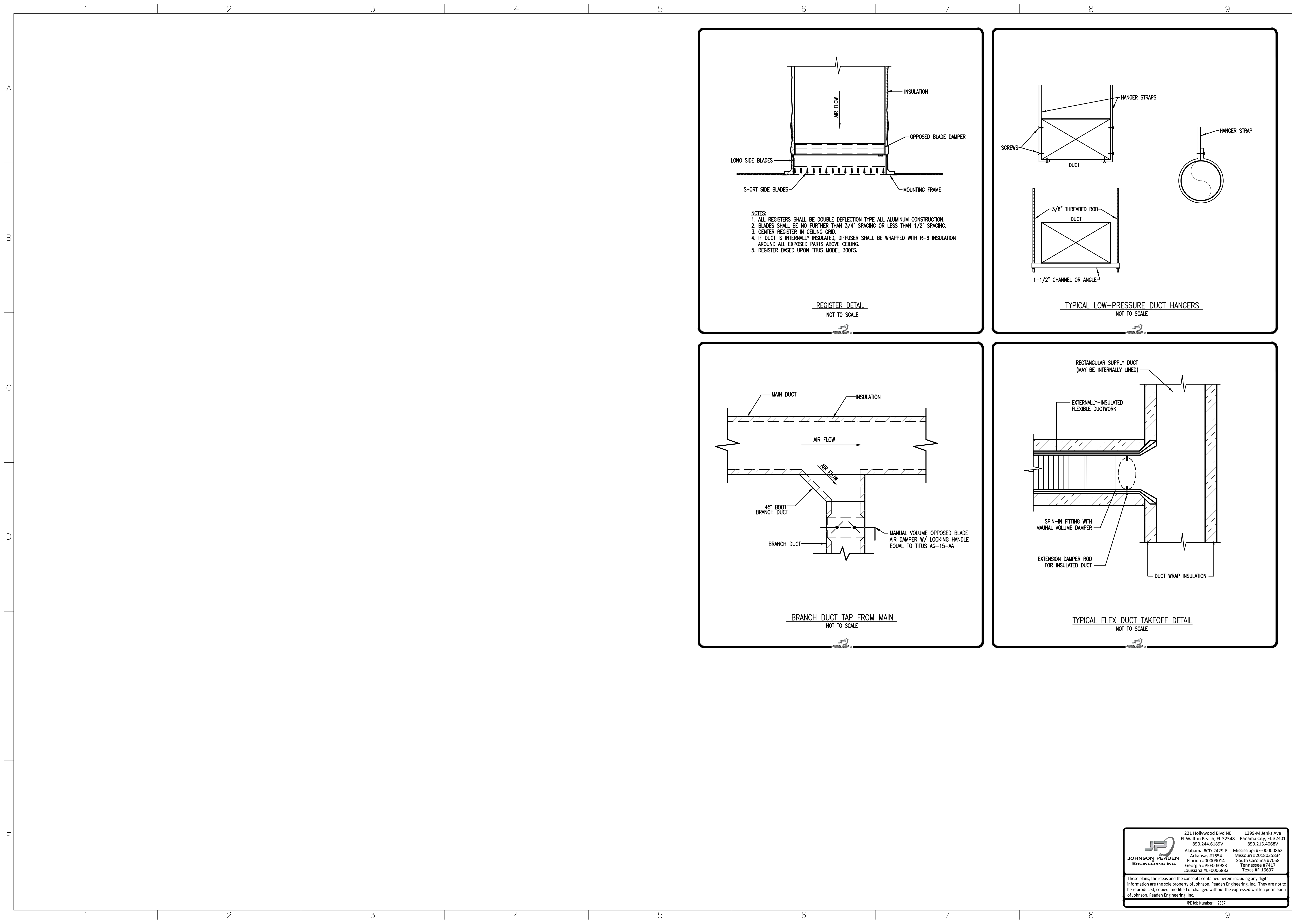
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DRAWN	SLS	DATE	
REVISIONS		DATE	
NO.		DESC.	

PROJECT # 2508

MECHANICAL NEW WORK PLAN  
INTERIOR RENOVATION FOR  
BAY COUNTY UTILITIES DEPARTMENT  
310 TRANSMITTER ROAD  
PANAMA CITY, FL

CONSTRUCTION DOCUMENTS

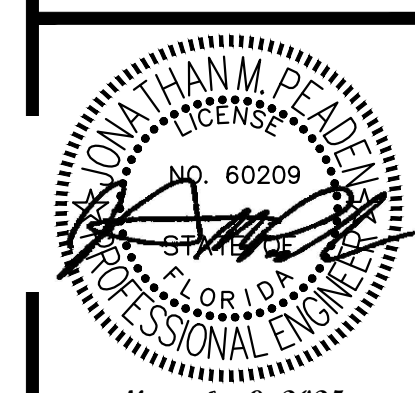
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PROJECT # 2508

CONSTRUCTION DOCUMENTS

MECHANICAL DETAILS

INTERIOR RENOVATION FOR  
BAY COUNTY UTILITIES DEPARTMENT  
310 TRANSMITTER ROAD  
PANAMA CITY FL

SHEET NO. **M2.1**

**JOHNSON PEADEN ENGINEERING, INC.**

221 Hollywood Blvd NE  
Panama City, FL 32401  
850.244.6189V

1399-M Jenks Ave  
Panama City, FL 32401  
850.215.4068V

Alabama #CD-2429-E  
Arkansas #1254  
Florida #0009014  
Georgia #FG003983  
Louisiana #EF006882

Mississippi #E-0000862  
Missouri #2018035834  
South Carolina #7058  
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JPE Job Number: 2557

MANUFACTURERS CONSIDERED EQUAL MUST SUBMIT TO ENGINEER 10 DAYS PRIOR TO BID FOR APPROVAL.

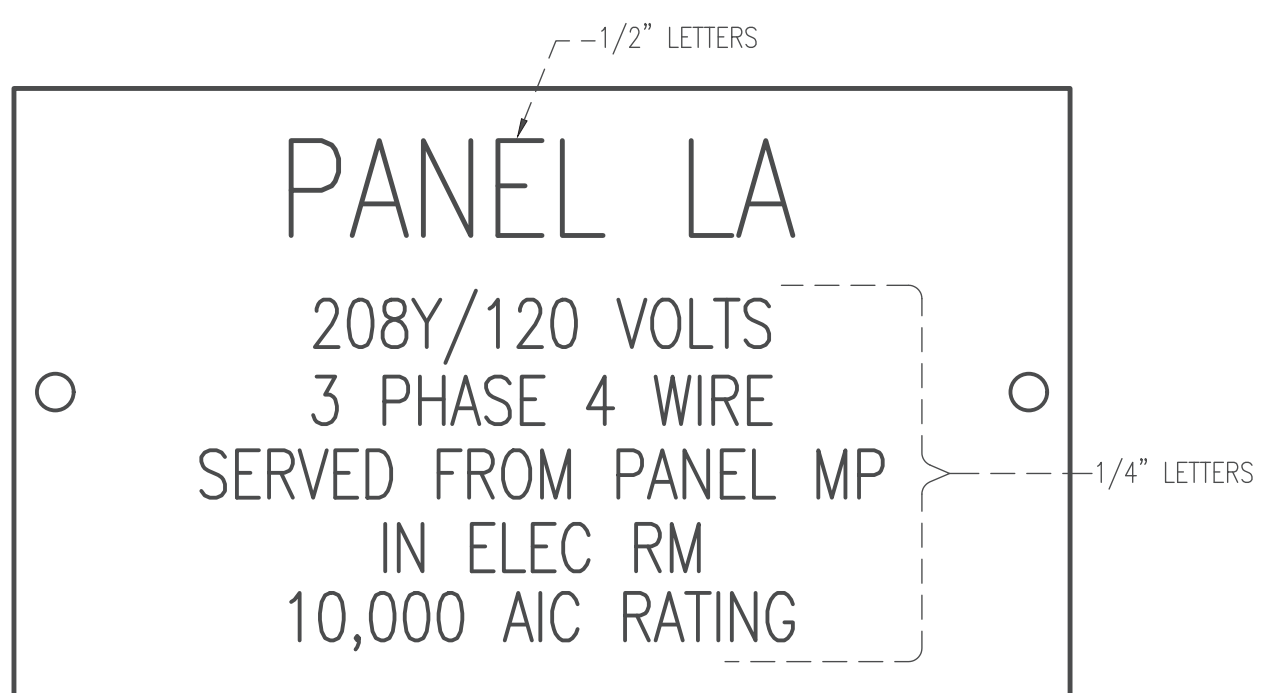
LIGHTING FIXTURE SCHEDULE					
MARK	MANUFACTURER AND CATALOG No. (or approved equal)	LAMPS		MOUNTING	REMARKS
		No.	TYPE		
DL	H.E. WILLIAMS 6DR-TL-L20-835-DIM-UNV-OW-OF-N-F1	20W	LED ARRAY 2000 LUMENS/3500K	CEILING RECESSED	6" ROUND LED DOWNLIGHT, 0-10V DIMMING BALLAST, 120V
LTA	H.E. WILLIAMS LT-24-L52-835-AF-DIM-UNV	37W	LED ARRAY 5202 LUMENS/3500K	CEILING RECESSED	2X4 LED TROFFER, 0-10V DIMMING BALLAST
LTAE	H.E. WILLIAMS LT-24-L52-835-AF-DIM-UNV-EM/10W	37W	LED ARRAY 5202 LUMENS/3500K	CEILING RECESSED	2X4 LED TROFFER, 0-10V DIMMING BALLAST, EMERGENCY UNIT BATTERY PACK
LTB	H.E. WILLIAMS LT-24-L52-835-AF-DIM-UNV	64W	LED ARRAY 8214 LUMENS/3500K	CEILING RECESSED	2X4 LED TROFFER, 0-10V DIMMING BALLAST
LTBE	H.E. WILLIAMS LT-24-L52-835-AF-DIM-UNV-EM/10W	64W	LED ARRAY 8214 LUMENS/3500K	CEILING RECESSED	2X4 LED TROFFER, 0-10V DIMMING BALLAST, EMERGENCY UNIT BATTERY PACK
X	H.E. WILLIAMS EXIT-R-EM-WHT-SDT		LED	WALL ABOVE DOOR	LED EXIT LIGHT WITH THERMOPLASTIC HOUSING, EMERGENCY BATTERY BACKUP, PROVIDE DIRECTIONAL ARROWS AS INDICATED, 120V, SELF TEST DIAGNOSTICS

120/208 VOLT 3Ø 4W 225 AMP M.L.O. CIRCUIT BREAKER PANEL SCHEDULE SURFACE MOUNTED  
NEW PANEL A

CKT	LOAD DESCRIPTION	BREAKER POLE	AMP	LOAD KVA	BREAKER AMP	POLE	LOAD DESCRIPTION	CKT
1	EXISTING CIRCUIT	1	20	.75	20	1	EXISTING CIRCUIT	2
3	EXISTING CIRCUIT	1	20	.75	20	1	EXISTING CIRCUIT	4
5	EXISTING CIRCUIT	1	20	.75	20	1	EXISTING CIRCUIT	6
7	EXISTING CIRCUIT	1	20	.75	20	1	EXISTING CIRCUIT	8
9	EXISTING CIRCUIT	1	20	.75	20	1	EXISTING CIRCUIT	10
11	EXISTING CIRCUIT	1	20	.75	20	1	EXISTING CIRCUIT	12
13	EXISTING CIRCUIT	1	20	.75	20	1	EXISTING CIRCUIT	14
15	EXISTING CIRCUIT	1	20	.75	20	1	EXISTING CIRCUIT	16
17	EXISTING CIRCUIT	1	20	.75	20	1	EXISTING CIRCUIT	18
19	EXISTING CIRCUIT	1	20	.75	20	1	EXISTING CIRCUIT	20
21	EXISTING CIRCUIT	1	20	.75	20	1	EXISTING CIRCUIT	22
23	EXISTING CIRCUIT	1	20	.75	20	1	EXISTING CIRCUIT	24
25	EXISTING CIRCUIT	1	20	.75	20	1	EXISTING CIRCUIT	26
27	EXISTING CIRCUIT	1	20	.75	20	1	EXISTING CIRCUIT	28
29	EXISTING CIRCUIT	1	20	.75	20	1	EXISTING CIRCUIT	30
31	EXISTING CIRCUIT	1	20	.75	20	1	EXISTING CIRCUIT	32
33	EXISTING CIRCUIT	1	20	.75	20	1	EXISTING CIRCUIT	34
35	EXISTING CIRCUIT	1	20	.75	20	1	EXISTING CIRCUIT	36
37	EXISTING CIRCUIT	1	20	.75	20	1	EXISTING CIRCUIT	38
39	EXISTING CIRCUIT	1	20	.75	20	1	EXISTING CIRCUIT	40
41	EXISTING CIRCUIT	1	20	.75	20	1	EXISTING CIRCUIT	42
43	REC-WORK SPACE 116	1	20	1.0	20	1	REC-WORK SPACE 116	44
45	REC-WORK SPACE 116	1	20	.36	20	1	REC-RECEPTION 115	46
47	REC-RECEPTION 115, LOBBY 101	1	20	1.08	20	1	REC-OFFICE 117, LOBBY 101	48
49	REC-OFFICE 118, LOBBY 101	1	20	.72	20	1	REC-OFFICE 119, WORK SP 116	50
51	REC-OFFICE 120	1	20	.72	20	1	REC-OFFICE 121, 122	52
53	REC-COMM 108, STOR 109	1	20	.72	20	1	REC-TBB	54
55	SPARE	1	20		20	1	SPARE	56
57	SPARE	1	20		20	1	SPARE	58
59	SPARE	1	20		20	1	SPARE	60

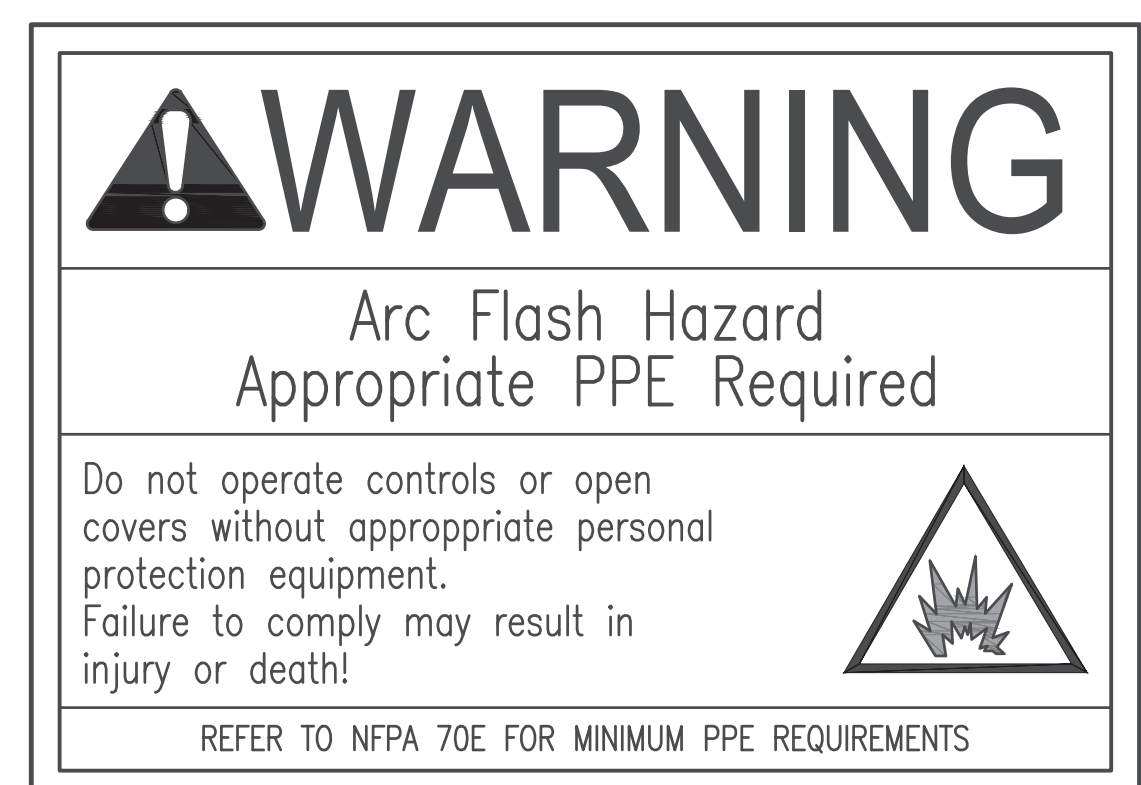
TOTAL CONNECTED LOAD: 39.88 KVA  
MINIMUM INTERRUPTING CAPACITY: 10,000 AMPS SYMMETRICAL

① EXTEND EXISTING CIRCUIT TO NEW BREAKER AS INDICATED  
② CONNECT NEW CIRCUIT AS INDICATED



**TYPICAL ELECTRICAL EQUIPMENT IDENTIFICATION DETAIL**  
NOT TO SCALE

- ELECTRICAL EQUIPMENT IDENTIFICATION DETAIL NOTES:**
- MECHANICALLY AFFIX NAMEPLATE TO PANELBOARDS, CONTROL PANELS, MOTOR CONTROL CENTERS, DISCONNECTS, STARTERS OR SIMILAR DEVICES.
  - LETTERS SHALL BE WHITE ON BLACK BACKGROUND; SIZE OF LETTERS INDICATED ON DETAIL.
  - INFORMATION IN LABEL IS A GENERIC EXAMPLE - DESIGNATE EQUIPMENT IN A SIMILAR WAY USING RELEVANT INFORMATION (NAME OF PANEL, VOLTS, PHASE, LOCATION, AIC RATING ETC.) ACCORDING TO EACH INDIVIDUAL LOCATION OF EQUIPMENT.



**TYPICAL ARC FLASH HAZARD LABEL DETAIL**  
NOT TO SCALE

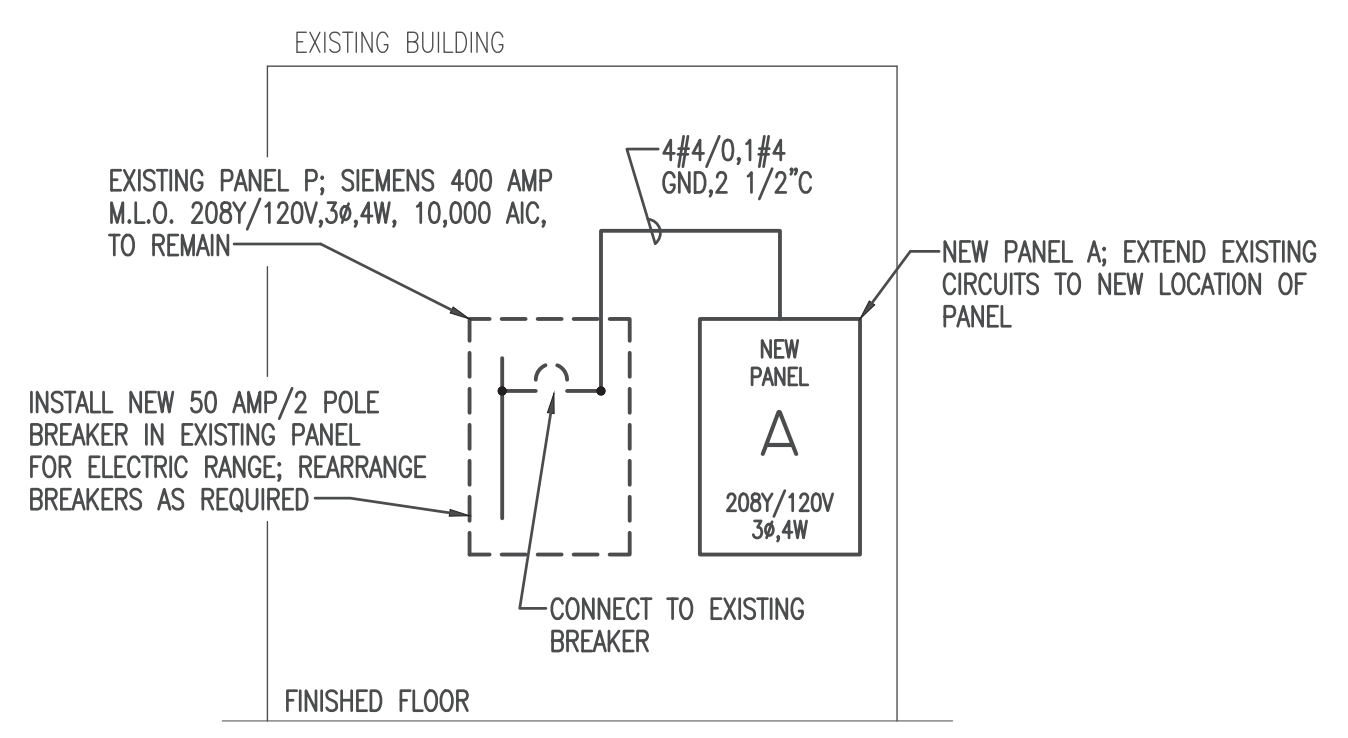
- ARC FLASH LABEL DETAIL NOTES:**
- PROVIDE SELF-ADHESIVE VINYL LABEL TO AFFIX TO ALL PANEL AND SWITCHBOARDS IN ACCORDANCE WITH NEC 110.16 AND NFPA 70E.
  - LABELING MAY BE COMPLETED BY EQUIPMENT MANUFACTURER, VENDOR, OR CONTRACTOR. THE CONTRACTOR SHALL VERIFY ALL PANELS AND SWITCHBOARDS ARE LABELED IN THE FIELD.
  - THE LABEL SHALL BE LOCATED ON THE EQUIPMENT TO BE CLEARLY VISIBLE TO QUALIFIED PERSONS BEFORE EXAMINATION, ADJUSTMENT, SERVICING, OR MAINTENANCE OF THE EQUIPMENT.

**ELECTRICAL LEGEND**

- CEILING OUTLETS**
- A\* RECESSED 2' x 4' FLUORESCENT FIXTURE MARK "A"
  - INDICATES FIXTURE WITH INTEGRAL EMERGENCY UNIT BATTERY PACK
  - RECESSED MOUNTED 4' FLUORESCENT FIXTURE
  - JUNCTION BOX
  - CEILING RECESSED MOUNTED LIGHTING FIXTURE
  - CEILING SURFACE MOUNTED EXIT LIGHT; PROVIDE DIRECTION ARROW AS INDICATED EXISTING TO REMAIN
  - EXHAUST FAN
  - BRANCH CIRCUITING
  - RUN CONCEALED UNDER FLOOR
  - RUN CONCEALED IN CEILING OR WALLS
  - HOMERUN TO PANEL. ANY CIRCUIT WITHOUT FURTHER IDENTIFICATION INDICATES 2 #12, 1 #12 GROUND - 1/2" C; 3 #12, 1 #12 GROUND - 1/2" C; 4 #12, 1 #12 GROUND - 3/4" C; ETC. AS PER NEC. LETTERS AND NUMERALS INDICATE PANEL AND CIRCUIT NUMBER.
  - LIQUID-TIGHT FLEXIBLE CONDUIT CONNECTION
  - SURFACE MOUNTED CONDUIT; RUN PARALLEL OR PERPENDICULAR TO BUILDING LINES
- WALL OUTLETS**
- WALL MOUNTED EXIT LIGHT
  - DUPLEX RECEPTACLE - 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 18" A.F.F. UNLESS NOTED OTHERWISE
  - DUPLEX RECEPTACLE - 20 AMP, 125 VOLT, GFI, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 18" A.F.F. UNLESS NOTED OTHERWISE
  - DUPLEX RECEPTACLE - 20 AMP, 125 VOLT, GFI, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA GF-5-20R. MOUNT 18" A.F.F. UNLESS NOTED OTHERWISE; PROVIDE WEATHERPROOF BOX FOR RECEPTACLE
  - DUPLEX RECEPTACLE - 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 6" ABOVE COUNTER
  - DUPLEX RECEPTACLE - 20 AMP, 125 VOLT, GFI, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA GF-5-20R. MOUNT 6" ABOVE COUNTER
  - RANGE RECEPTACLE; 250V; 50A; MT 14" AFF TO C/L; NEMA 10-50R; HUBBELL SERIES 7962
- PANELS AND POWER**
- 120/240 VOLT SURFACE MOUNTED PANELBOARD
  - 120/240 VOLT FLUSH MOUNTED PANELBOARD
  - NON-FUSIBLE DISCONNECT SWITCH; XX/YY/ZZ WHERE X INDICATES AMPERAGE, Y INDICATES # OF POLES, AND Z INDICATES NEMA RATING
- COMMUNICATIONS SYSTEMS**
- COMMUNICATIONS OUTLET AT 18" AFF; STUB 1" CONDUIT WITH PULL STRING TO ABOVE ACCESSIBLE CEILING.
  - TELECOMMUNICATIONS OUTLET AT 6" ABOVE COUNTER; STUB 1" CONDUIT WITH PULL STRING TO ABOVE ACCESSIBLE CEILING
- MISCELLANEOUS**
- A.F.F. ABOVE FINISH FLOOR
  - WP WEATHERPROOF
  - U.N.O. UNLESS NOTED OTHERWISE
- WALL SWITCHES (UNLESS OTHERWISE NOTED, MOUNT 48" A.F.F.)**
- S A.C. TYPE, SINGLE POLE, 20 AMP, 120/277 VOLT
  - S3 A.C. TYPE, 3 WAY, 20 AMP, 120/277 VOLT
  - Sr WALL MOUNTED OCCUPANCY SENSOR; DUAL TYPE (INFRARED AND ULTRASONIC) TECHNOLOGY; MOUNT 48" AFF TO C/L; EQUAL TO WATTSTOPPER DW-100
  - SrD WALL MOUNTED OCCUPANCY SENSOR; DUAL TYPE (INFRARED AND ULTRASONIC) TECHNOLOGY; MOUNT 48" AFF TO C/L; EQUAL TO WATTSTOPPER DW-311
- OCCUPANCY SENSORS AND RELAYS**
- 360° CEILING MOUNTED OCCUPANCY SENSOR WITH DUAL TECHNOLOGY (INFRARED AND ULTRASONIC) WATTSTOPPER DT-300-1
  - POWER PACK RELAY EQUAL TO WATTSTOPPER BZ50; INSTALL IN ACCESSIBLE LOCATION FOR MAINTENANCE PURPOSES
- AT CONTRACTOR'S OPTION, MC CABLE MAY BE USED IN LIEU OF INSULATED CONDUCTORS INSTALLED IN CONDUIT

**ELECTRICAL GENERAL NOTES**

- CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO INSTALLATION. REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR EXACT SIZE AND LOCATION OF EQUIPMENT WHICH IS FURNISHED BY OTHERS AND CONNECTED BY ELECTRICAL.
- RECEPTACLES, SWITCHES AND COVERPLATES COLOR SHALL BE SELECTED BY THE ARCHITECT FROM STANDARD COLORS.
- LOCATION OF LIGHTING FIXTURES, DISCONNECT SWITCHES, ETC. FOR MECHANICAL EQUIPMENT/ROOM SHALL BE COORDINATED WITH FINAL MECHANICAL EQUIPMENT LOCATION TO PROVIDE NATIONAL ELECTRIC CODE REQUIRED ACCESS SPACE.
- FINAL CONNECTION TO ALL MOTORS SHALL BE WITH FLEXIBLE CONDUIT CONNECTION.
- EMERGENCY UNIT BATTERY PACKS AND EXIT LIGHTS SHALL BE CONNECTED TO CONSTANT HOT (AHEAD OF LOCAL SWITCHES OR RELAYS).
- ALL PANELBOARDS, BACKBOARDS, TERMINAL CABINETS, DISCONNECTS, ETC SHALL HAVE CUSTOM ENGRAVED MICARTA NAMEPLATE MECHANICALLY AFFIXED IDENTIFYING SYSTEM.
- GENERAL CONTRACTOR SHALL FIELD-VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING ANY WORK, AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCIES. FAILURE TO DO SO INDICATES THAT THE CONTRACTOR ACCEPTS THE CONDITIONS AS THEY EXIST, AND SHALL PERFORM THE WORK REQUIRED AS SHOWN AND SPECIFIED.
- THE ELECTRICAL CONTRACTOR SHALL OBTAIN AND REVIEW THE MECHANICAL AND SPECIAL EQUIPMENT SUBMITTALS PRIOR TO SUBMITTING THE ELECTRICAL SUBMITTALS. ANY ELECTRICAL EQUIPMENT, CONDUIT, AND WIRE SIZE CHANGES RESULTING FROM THIS REVIEW SHALL ALSO BE SUBMITTED FOR APPROVAL.
- FURNISH ALL EQUIPMENT AND LABOR, PERFORM ALL LABOR WITH SUPERVISION, BEAR ALL EXPENSES, AS NECESSARY FOR THE SATISFACTORY COMPLETION OF ALL WORK READY FOR OPERATION.
- COMPLY WITH ALL LOCAL CODE, LAWS, AND ORDINANCES APPLICABLE TO ELECTRICAL WORK, THE STATE BUILDING CODE AND THE NATIONAL ELECTRIC CODE. OBTAIN ALL PERMITS REQUIRED BY LOCAL ORDINANCES.
- OBTAIN ARCHITECTS APPROVAL OF ALL LIGHT FIXTURES, SWITCHES, RECEPTACLES, PANELBOARDS, ETC. PRIOR TO PURCHASING.
- THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF ANY CONFLICTS/DISCREPANCIES BETWEEN DISCIPLINES BEFORE ORDERING EQUIPMENT/MATERIALS.
- ALL CONDUCTORS LESS THAN 100A. SHALL BE COPPER #12 & #10 SOLID, #8 AND LARGER STRANDED, #6 AND SMALLER TO BE TYPE TW, 600 VOLT INSULATION AND TYPE THW FOR #4 AND LARGER.
- PROVIDE GROUNDING PER NATIONAL ELECTRIC CODE.
- THE CONTRACTOR SHALL LEAVE THE ENTIRE ELECTRICAL SYSTEM INSTALLED IN PROPER WORKING ORDER, AND SHALL REPLACE WITHOUT ADDITIONAL COST, ALL WORK OR MATERIAL WHICH MAY DEVELOP DEFECTS, (ORDINARY WEAR AND TEAR OR DAMAGE RESULTING FROM IMPROPER HANDLING EXCEPTED) WITHIN A PERIOD OF ONE(1) YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE OWNER.
- EQUIPMENT GROUNDING CONDUCTOR SHALL BE PULLED IN ALL BRANCH CIRCUIT WIRING. CONDUIT GROUND SHALL NOT BE ACCEPTABLE.
- ELECTRICAL CONTRACTOR SHALL COORDINATE WITH ALL UTILITIES FOR ASSOCIATED FEES AND EXACT SERVICE ENTRANCE LOCATIONS. ALL FEES SHALL BE INCLUDED IN ELECTRICAL BID.
- ALL WORK SHALL BE INSTALLED IN CONCEALED TYPE CONSTRUCTION. UNDERGROUND CONDUITS UP TO FIRST BOX IN CONCEALED CONSTRUCTION MAY BE SCH.40 PVC. EXTERIOR EXPOSED WORK SHALL BE I.M.C. BRANCH CIRCUIT CONDUIT RUN IN OPEN SPACES ABOVE CEILING OR IN WALLS MAY BE THINWALL (E.M.T.) CONDUIT 1/2" MIN. SIZE.



**POWER RISER DIAGRAM**  
NOT TO SCALE

Digitally signed by Raymond Q Yates  
Date: 2025.11.09 11:45:02 -06'00'

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7159 Blue Jack Dr. Novate, FL 32666  
Phone: (850)512-9579  
Email: rqu@yateseng.com  
FL PE No: 6026

CONSTRUCTION DOCUMENTS

ELECTRICAL LEGEND, NOTES & RISER DIAGRAM

INTERIOR RENOVATION FOR BAY COUNTY UTILITIES DEPARTMENT

310 TRANSMITTER ROAD PANAMA CITY

PROJECT # 2508

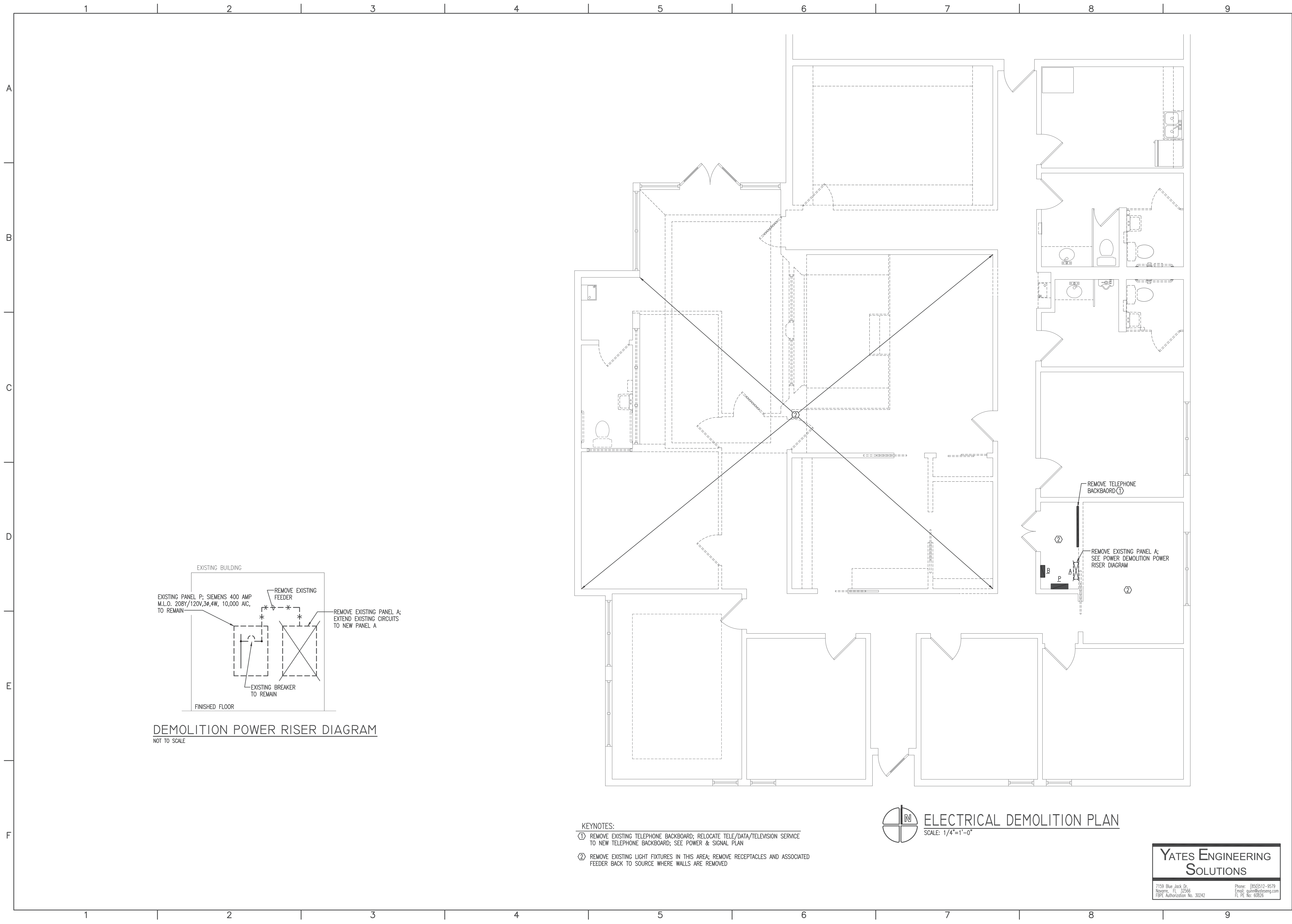
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RAYMOND Q. YATES  
REGISTERED PROFESSIONAL ENGINEER  
NO. 50825  
11-9-2025

LICENSE NO. AR94000  
PHONE: 850 769 3357  
FAX: 850 763 0410  
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**DEMOLITION POWER RISER DIAGRAM**  
NOT TO SCALE

- KEYNOTES:**
- ① REMOVE EXISTING TELEPHONE BACKBOARD; RELOCATE TELE/DATA/TELEVISION SERVICE TO NEW TELEPHONE BACKBOARD; SEE POWER & SIGNAL PLAN
  - ② REMOVE EXISTING LIGHT FIXTURES IN THIS AREA; REMOVE RECEPTACLES AND ASSOCIATED FEEDER BACK TO SOURCE WHERE WALLS ARE REMOVED

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

**YATES ENGINEERING SOLUTIONS**

7159 Blue Jack Dr. Phone: (850)512-9579  
 Navarre, FL 32566 Email: yates@yateseng.com  
 FPE Authorization No. 30242 FL PE No. 60826

CONSTRUCTION DOCUMENTS

ELECTRICAL DEMOLITION PLAN

INTERIOR RENOVATION FOR

BAY COUNTY UTILITIES DEPARTMENT

310 TRANSMITTER ROAD

PANAMA CITY FL

PROJECT # 2508

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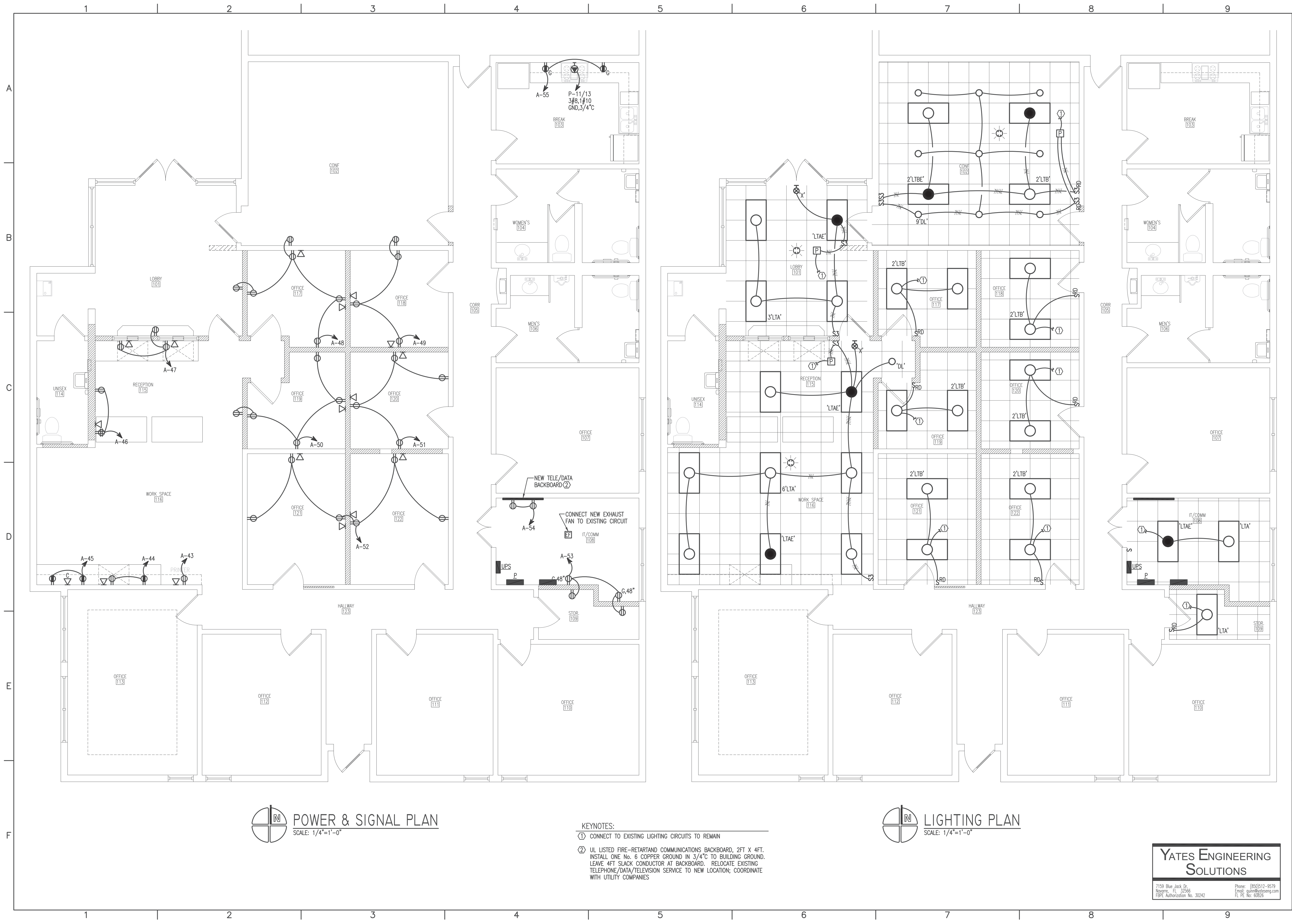
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 2424 JENKS AVENUE, SUITE B  
 PANAMA CITY, FLORIDA 32405  
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RAYMOND Q. YATES  
 No. 00825  
 11-9-2025  
 PROFESSIONAL ENGINEER



**POWER & SIGNAL PLAN**  
SCALE: 1/4"=1'-0"

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

- KEYNOTES:**
- ① CONNECT TO EXISTING LIGHTING CIRCUITS TO REMAIN
  - ② UL LISTED FIRE-RETARDANT COMMUNICATIONS BACKBOARD, 2FT X 4FT. INSTALL ONE No. 6 COPPER GROUND IN 3/4" TO BUILDING GROUND. LEAVE 4FT SLACK CONDUCTOR AT BACKBOARD. RELOCATE EXISTING TELEPHONE/DATA/TELEVISION SERVICE TO NEW LOCATION; COORDINATE WITH UTILITY COMPANIES

**YATES ENGINEERING SOLUTIONS**

7159 Blue Jack Dr.  
Novato, FL 32966  
FOP# Authorization No. 30242

Phone: (850)512-9579  
Email: yates@yateseng.com  
FL PE No. 60826

CONSTRUCTION DOCUMENTS

ELECTRICAL PLANS

INTERIOR RENOVATION FOR  
BAY COUNTY UTILITIES DEPARTMENT  
310 TRANSMITTER ROAD  
PANAMA CITY, FL

PROJECT # 2508

E2.1

VBA DESIGN, INC.  
ARCHITECTS AND PLANNERS  
2424 JENKS AVENUE, SUITE B  
PANAMA CITY, FLORIDA 32405  
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LICENSE NO. AR94000  
PHONE: 850 769 3357  
FAX: 850 763 0410  
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DATE: 11/9/25  
DRAWN: QY  
REVISIONS: NO. DATE DESC.  
REVIEWED: QY

THESE PLANS AND ELECTRICAL SCHEDULES WERE PREPARED BY JAMES P. YATES, PE, LICENSE NO. 60826, AND I HAVE REVIEWED AND APPROVED THEM FOR CONSTRUCTION. THIS DOCUMENT IS NOT VALID FOR ANY OTHER PROJECT OR DATE.

RICHMOND Q. YATES  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
NO. 60826  
EXPIRES 12-31-2025