



100% CONSTRUCTION DOCUMENTS

BAYCARE BALLPARK HVAC RENOVATIONS - PHASE III



604 OLD COACHMAN ROAD NORTH
CLEARWATER, FL 33765

PROJECT NUMBER 16-0023-PR-B-A
DATE: APRIL 2021

SCOPE OF WORK:

THIS PROJECT WILL INCLUDE THE REPLACEMENT OF NINETEEN PACKAGED ROOF TOP UNITS AND ASSOCIATED THERMOSTATS. ALL NEW PACKAGED ROOFTOP UNITS TO BE PROVIDED WITH PLASMA AIR IONIZATION UNITS.

THIS PROJECT WILL ALSO INCLUDE THE ADDITION OF PLASMA AIR IONIZATION UNITS FOR 14 EXISTING WATER SOURCE HEAT PUMPS, 2 EXISTING WALL MOUNTED MINI SPLITS, AND 3 EXISTING PACKAGED ROOF TOP UNITS FOR A TOTAL OF 19 UNITS.

DRAWING INDEX:

MECHANICAL DRAWINGS

- | | |
|-------|-----------------------------------|
| M001 | MECHANICAL LEGEND SHEET |
| M101A | MECHANICAL MAIN LEVEL FLOOR PLAN |
| M101B | MECHANICAL MAIN LEVEL FLOOR PLAN |
| M102A | MECHANICAL SUITE LEVEL FLOOR PLAN |
| M102B | MECHANICAL SUITE LEVEL FLOOR PLAN |
| M103 | MECHANICAL SUITE LEVEL ROOF PLAN |
| M201 | MECHANICAL SCHEDULES |
| M202 | MECHANICAL SCHEDULES & DETAILS |

CITY OFFICIALS

FRANK HIBBARD	MAYOR
MARK BUNKER	COUNCILMEMBER
KATHLEEN BECKMAN	COUNCILMEMBER
DAVID ALLBRITTON	COUNCILMEMBER
HOYT HAMILTON	COUNCILMEMBER
WILLIAM B. HORNE II	CITY MANAGER
JIM HALIOS	DIRECTOR PARKS & RECREATION DEPT.

TARA KIVETT, P.E.
CITY ENGINEER

APPROVED FOR CONSTRUCTION:

Tara L. Knott
CITY ENGINEER TARA KIVETT, P.E. XXXX

5/5/2021

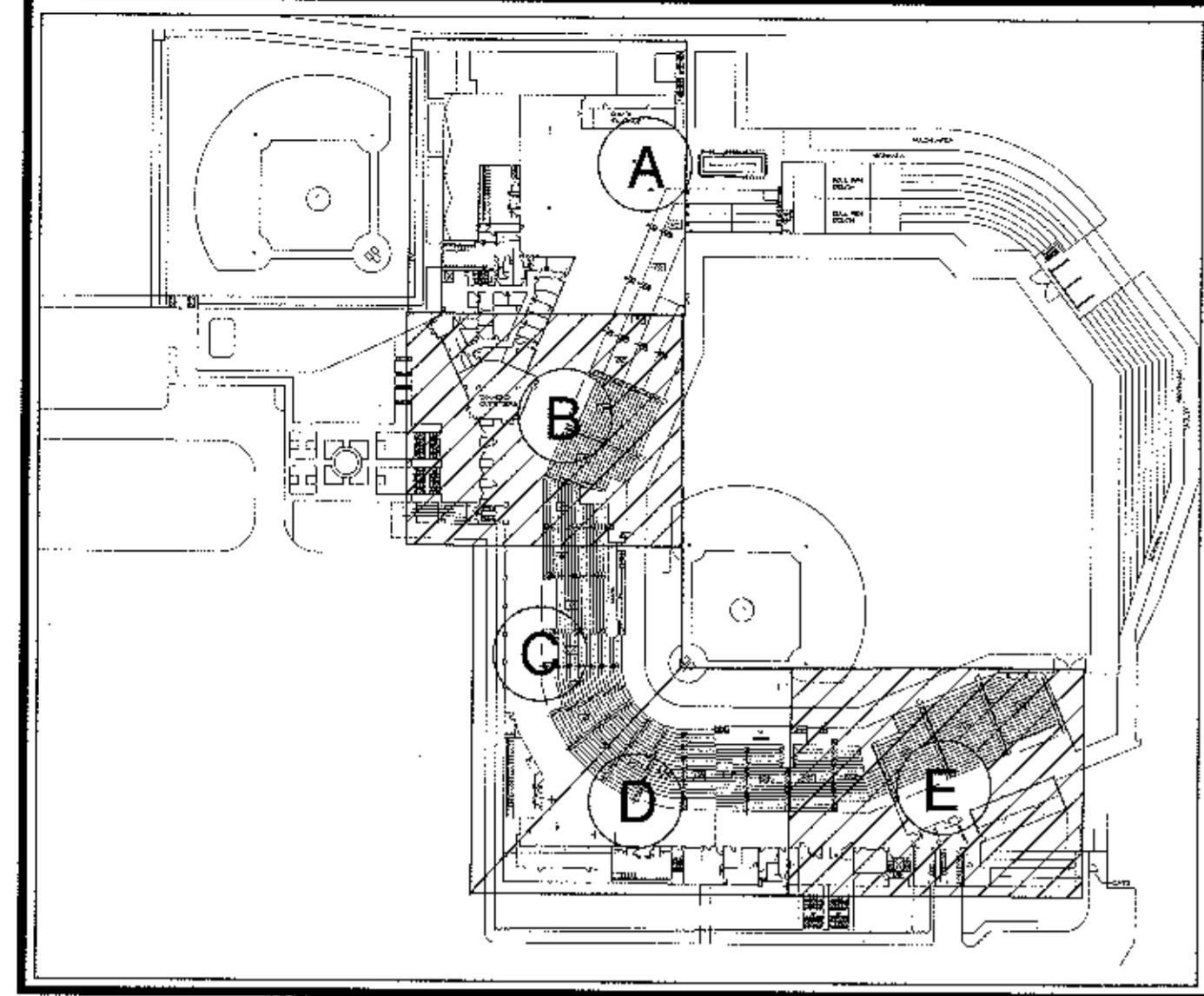
BIDDING SET APRIL 2021



DATE: FEBRUARY 2021

DRAWING No.

CS



**Key Plan
Main Level (Concourse)**

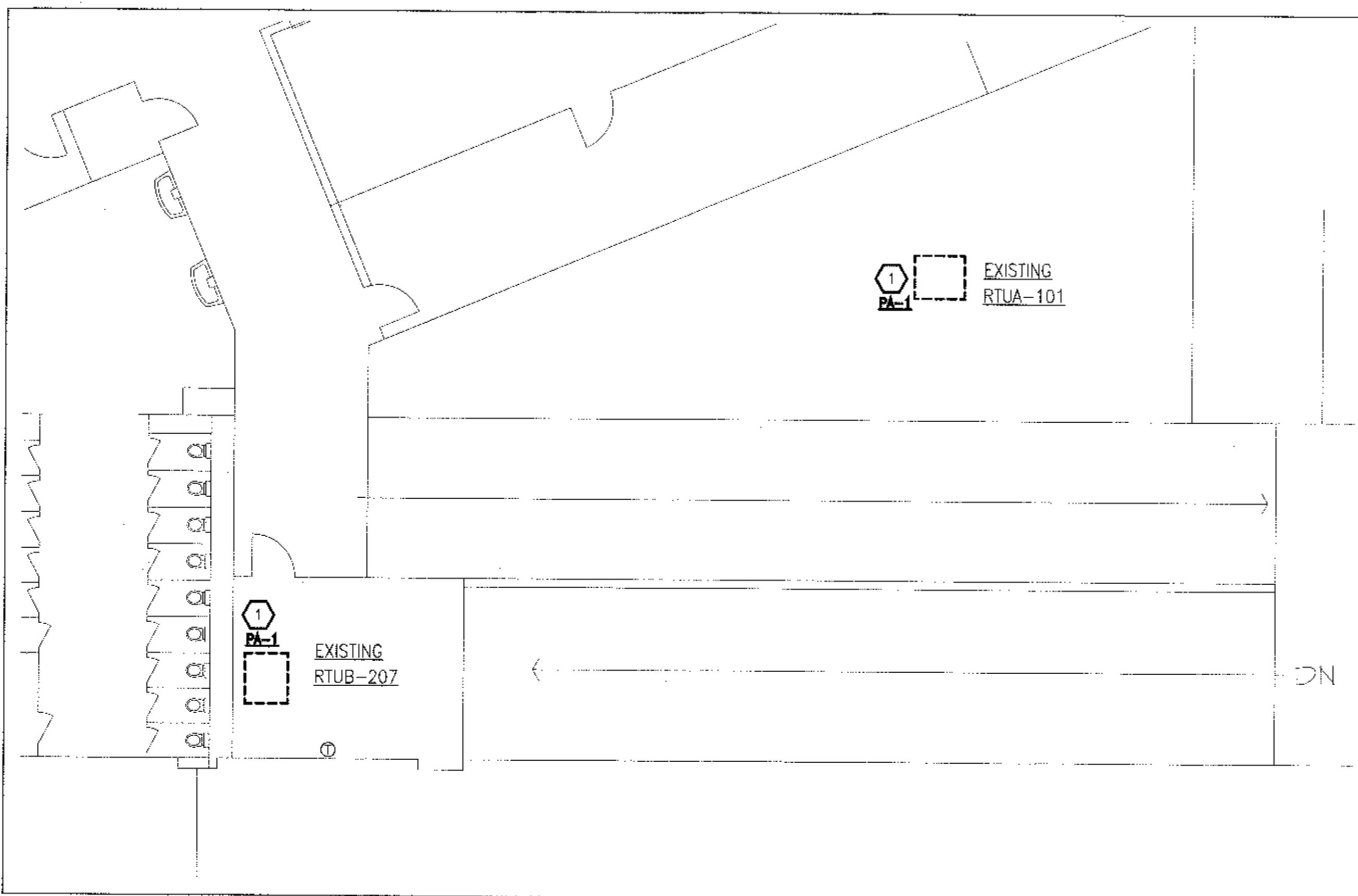
SCALE: N.T.S.

MECHANICAL NOTES:

1. PROVIDE EXISTING HVAC UNIT WITH PLASMA AIR PLASMAPURE AUTOCLEAN 1500 IONIZER. CONTRACTOR TO INSTALL IONIZER AT FAN INLET AND TO BE POWERED BY THE EXISTING HVAC UNIT. CONTRACTOR TO INSTALL IONIZER PER MANUFACTURER SPECIFICATIONS.

MECHANICAL GENERAL NOTES:

1. CARE SHOULD BE TAKEN DURING RENOVATION AS ALL REPAIR WORK SHALL BE INCLUDED BY THE MECHANICAL CONTRACTOR TO RESTORE TO PRECONSTRUCTION CONDITION. THIS INCLUDES ALSO CEILINGS AND WALLS.
2. REMOVE AND REINSTALL CEILING GRID AND CEILING TILES AS NECESSARY. DAMAGED MATERIAL SHALL BE REPLACED IN-KIND.
3. PROVIDE MISCELLANEOUS ITEMS AS REQUIRED TO PROVIDE A COMPLETE OPERATIONAL SYSTEM.

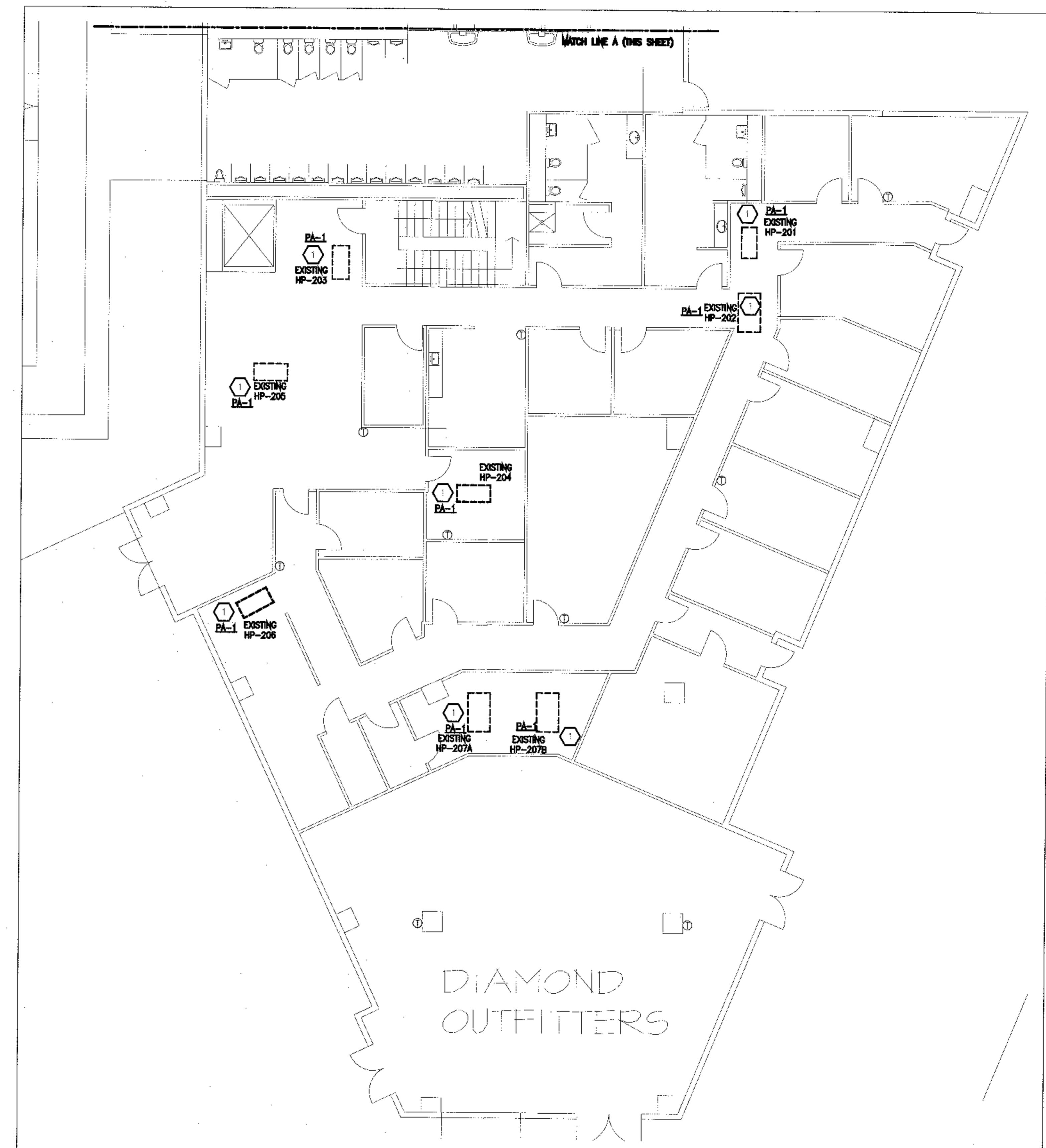


1 Partial Concourse Level Area E Mechanical Replacement Plan

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

Existing Packaged Roof Top Units To Remain. Provide And Install Ionization Units Only To Existing Packaged Roof Top Units Shown On This View.

HVAC SYMBOL LEGEND:



2 Partial Concourse Level Area B Mechanical Replacement Plan

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

Existing Water Source Heat Pumps Located Above Ceiling To Remain.
Install Ionization Units Only To Existing Water Source Heat Pumps Shown On This View.

GRINGER

GRINGER ENGINEERING, INC.
3225 Avenue A, Ste. 300
St. Petersburg, Florida 33713
Phone: (727) 823-3355
Fax: (727) 823-3361
Certificate of Authorization #3173
Job No. 20085

**HVAC REPLACEMENT-PHASE III
BAYCARE BALLPARK**

PHILLIES SPRING TRAINING FACILITY
CITY OF CLEARWATER, FLORIDA

CLIENT INFORMATION
CITY OF CLEARWATER,
FLORIDA

CONTRACTOR INFORMATION

DRAWN BY
JL

REVIEWED BY
JHG

JOB PROJECT NUMBER
20085

DATE
APRIL 25, 2021

SHEET TITLE
**MECHANICAL
MAIN LEVEL
FLOOR PLAN**

NO. DATE SET ISSUED FOR

SHEET NUMBER

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M101A



Joseph H. Griner III, P.E., FL 39491

PROFESSIONAL SEAL
 JOSEPH HENRY GRINER III, P.E.
 No. 38491
 STATE OF FLORIDA
 ENGINEER

Joseph H. Griner III, P.E. FL 38491



BAYCARE BALLPARK

HVAC REPLACEMENT-PHASE III

PHILLIES SPRING TRAINING FACILITY
 CITY OF CLEARWATER,
 FLORIDA

CUSTOMER INFORMATION
 CITY OF CLEARWATER,
 FLORIDA

CONTRACTOR INFORMATION

DRAWN BY
 JL

REVIEWED BY
 JHG

GE PROJECT NUMBER
 20085

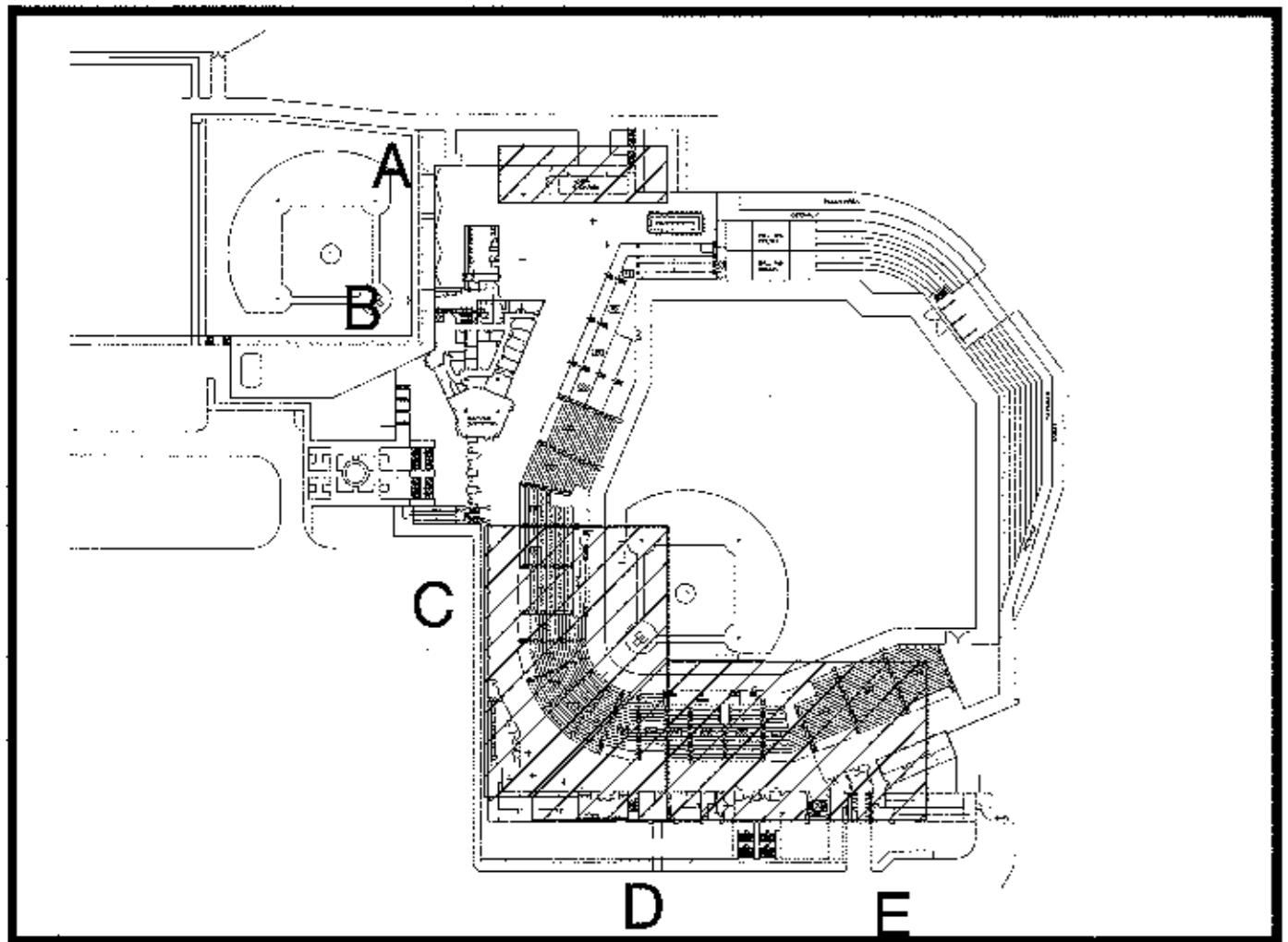
DATE
 APRIL 25, 2021

SHEET TITLE
 MECHANICAL
 MAIN LEVEL
 FLOOR PLAN

NO. DATE SET ISSUED FOR:

SHFT# NUMBER

M101B



Key Plan
Main Level (Concourse)

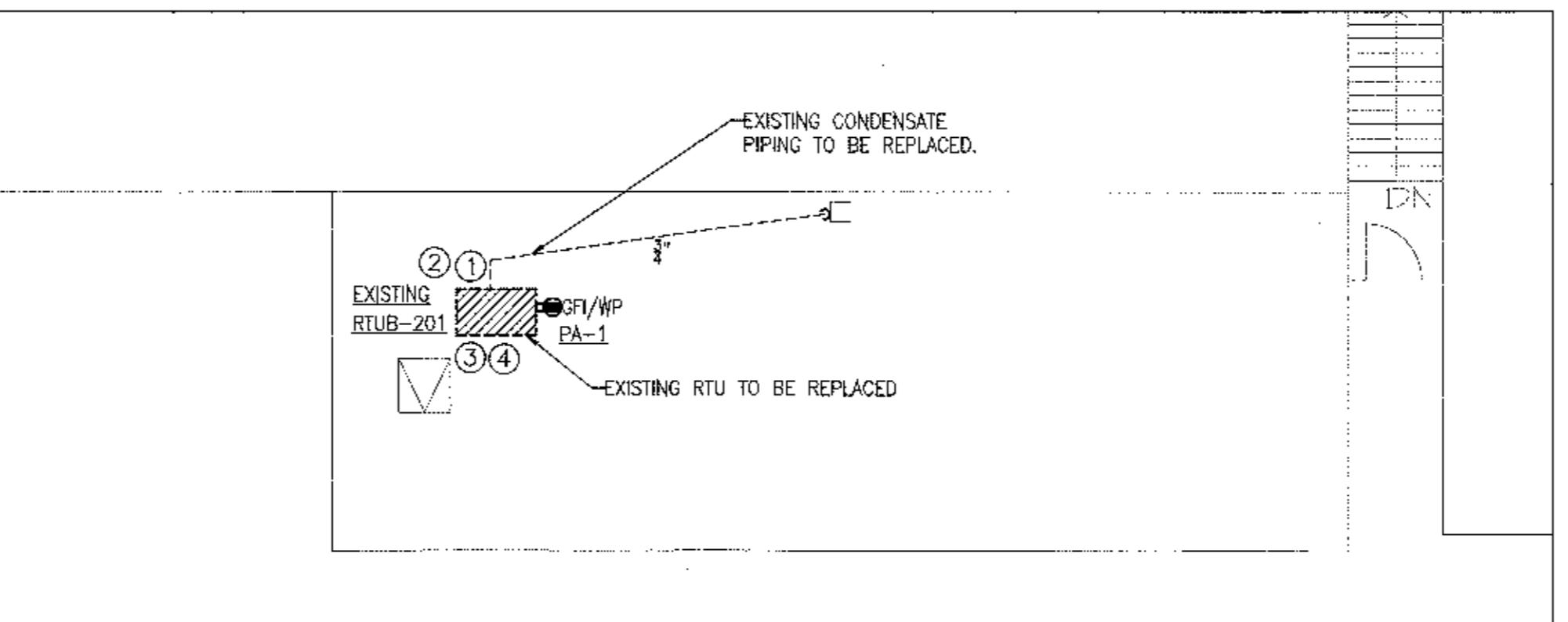
SCALE: N.T.S.

MECHANICAL GENERAL NOTES:

- CARE SHOULD BE TAKEN DURING DEMOLITION AS ALL REPAIR WORK SHALL BE INCLUDED BY THE MECHANICAL CONTRACTOR TO RESTORE TO RECONSTRUCTION CONDITION. THIS ALSO INCLUDES ROOF.
- DISCONNECT AND RECONNECT ELECTRICAL SERVICE TO THERMOSTATS.
- PROVIDE MISCELLANEOUS ITEMS AS REQUIRED TO PROVIDE A COMPLETE OPERATIONAL SYSTEM.
- THERMOSTATS SHALL BE REPLACED IN-KIND. WALL PATCHING AND PAINTING SHALL BE THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR OF THIS CONTRACT. MECHANICAL CONTRACTOR SHALL VERIFY THE EXISTING THERMOSTATS LOCATION AND NEW THERMOSTATS SHALL BE REPLACED IN SAME LOCATION OF EXISTING.
- CONTRACTOR TO VERIFY ALL EQUIPMENT AND CORRESPONDING THERMOSTATS BEFORE AND AFTER REPLACEMENT.

HVAC SYMBOL LEGEND:

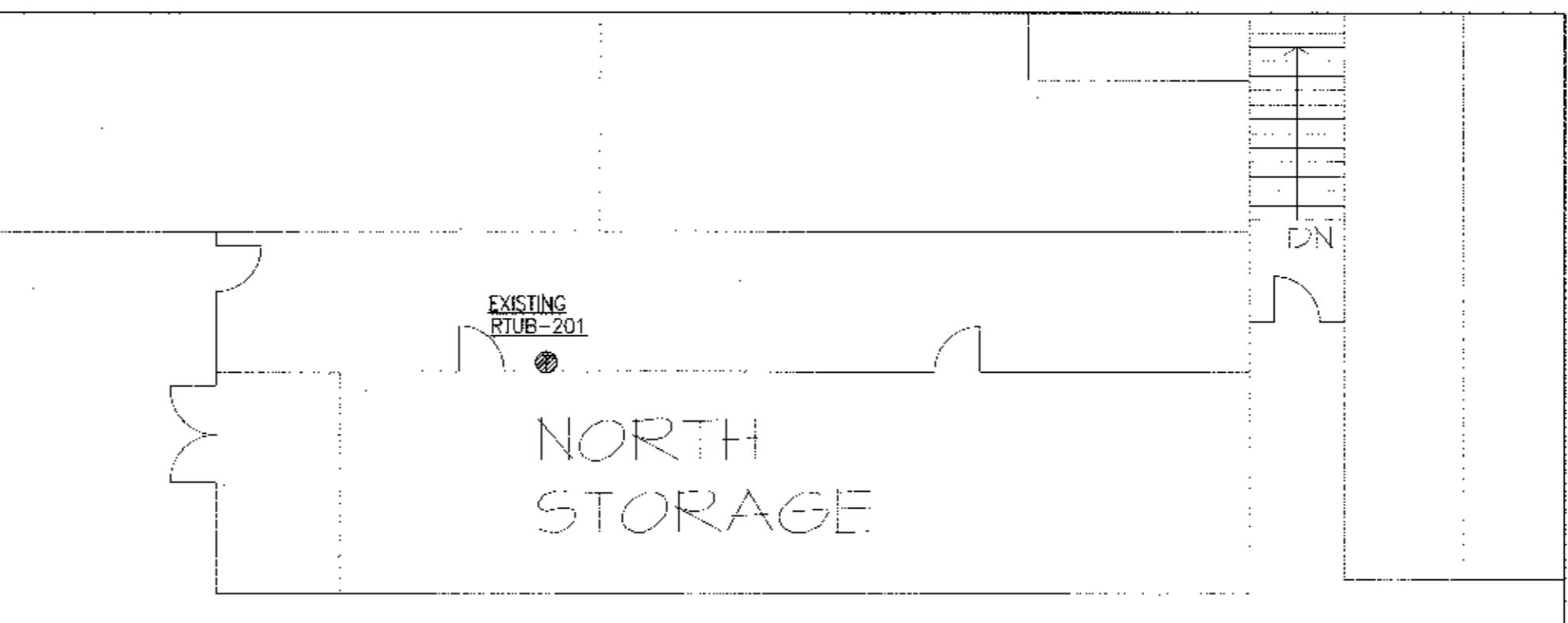
	EXISTING EQUIPMENT TO BE REMOVED AND REPLACED
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1 Suite Level Area-A Floor Plan

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

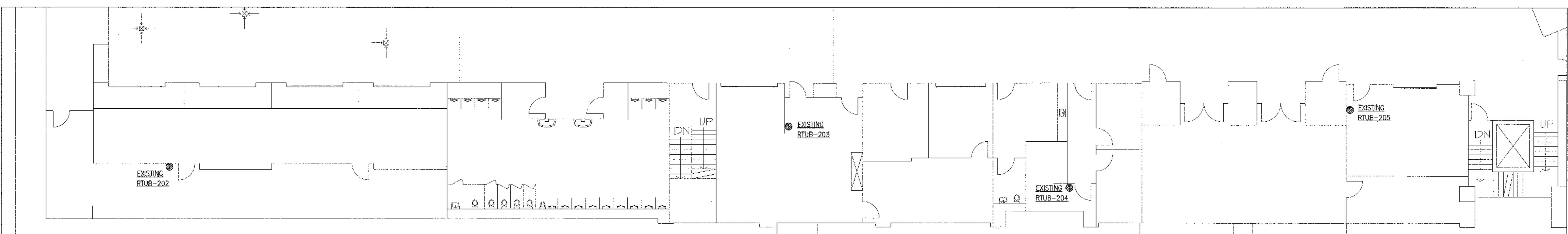
Remove And Replace Existing Packaged Roof Top Unit.
 Provide And Install Ionization Units To The New Packaged Roof Top Unit.



2 Main Concourse Area-A Floor Plan

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

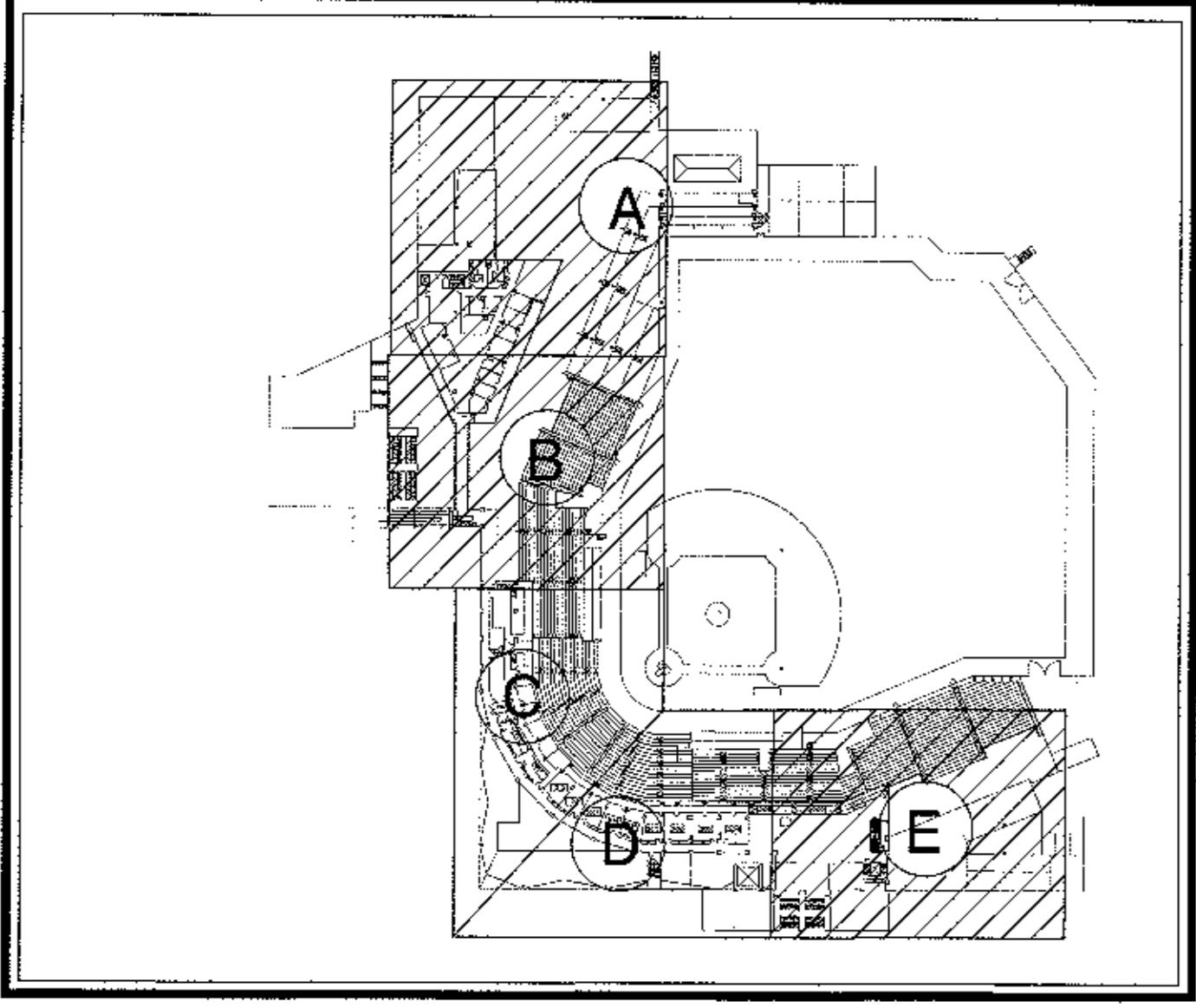
Existing Thermostats To Be Replaced On This Plan Only.



3 Main Concourse Area C/D/E Floor Plan

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

Existing Thermostats To Be Replaced On This Plan Only.



 Key Plan
Suite Level Area A/B/E Roof

SCALE: N.T.S.

MECHANICAL NOTES:

1. PROVIDE EXISTING HVAC UNIT WITH PLASMA AIR PLASMAPURE AUTOCLEAN 1500 IONIZER. CONTRACTOR TO INSTALL IONIZER AT FAN INLET AND TO BE POWERED BY THE EXISTING HVAC UNIT. COTNRATOR TO INSTALL IONIZER PER MANUFACTURER SPECIFICATIONS.
 2. PROVIDE EXISTING HVAC UNIT WITH PLASMA AIR 602 IONIZER. CONTRACTOR TO INSTALL IONIZER AT FAN INLET AND TO BE POWERED BY THE EXISTING HVAC UNIT. COTNRACTOR TO INSTALL IONIZER PER MANUFACTURER SPECIFICATIONS.

MECHANICAL GENERAL NOTES:

1. CARE SHOULD BE TAKEN DURING RENOVATION AS ALL REPAIR WORK SHALL BE INCLUDED BY THE MECHANICAL CONTRACTOR TO RESTORE TO PRECONSTRUCTION CONDITION. THIS INCLUDES ALSO CEILINGS AND WALLS.
 2. REMOVE AND REINSTALL CEILING GRID AND CEILING TILES AS NECESSARY. DAMAGED MATERIAL SHALL BE REPLACED IN-KIND.
 3. PROVIDE MISCELLANEOUS ITEMS AS REQUIRED TO PROVIDE A COMPLETE OPERATIONAL SYSTEM.

HVAC SYMBOL LEGEND:

 EXISTING EQUIPMENT TO REMAIN.

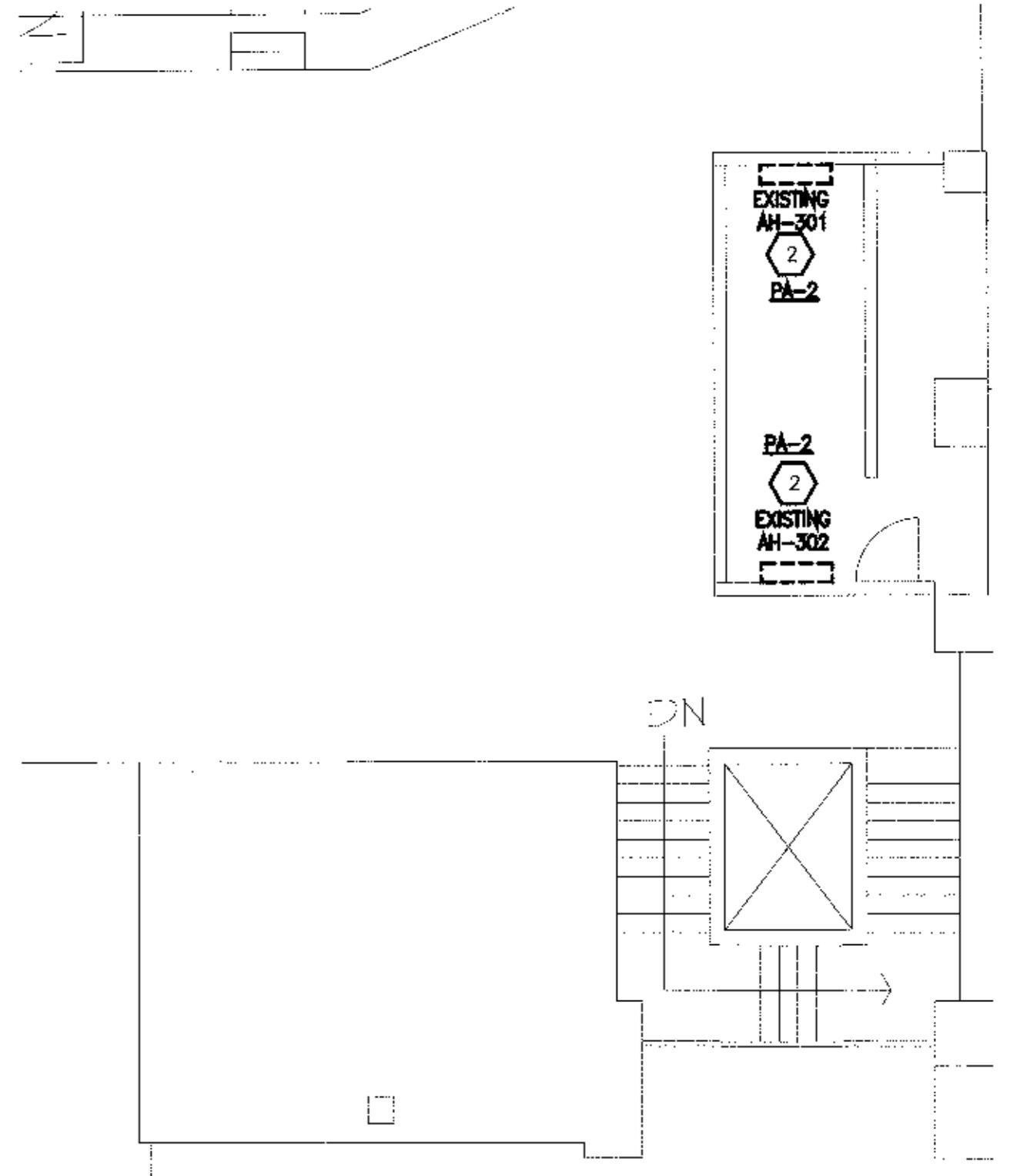


1 Third Floor Area A/B Mechanical Plan

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

Existing Water Source Heat Pumps To Remain.

Install Ionization Units Only To Existing Water Source Heat Pumps Shown On This View.



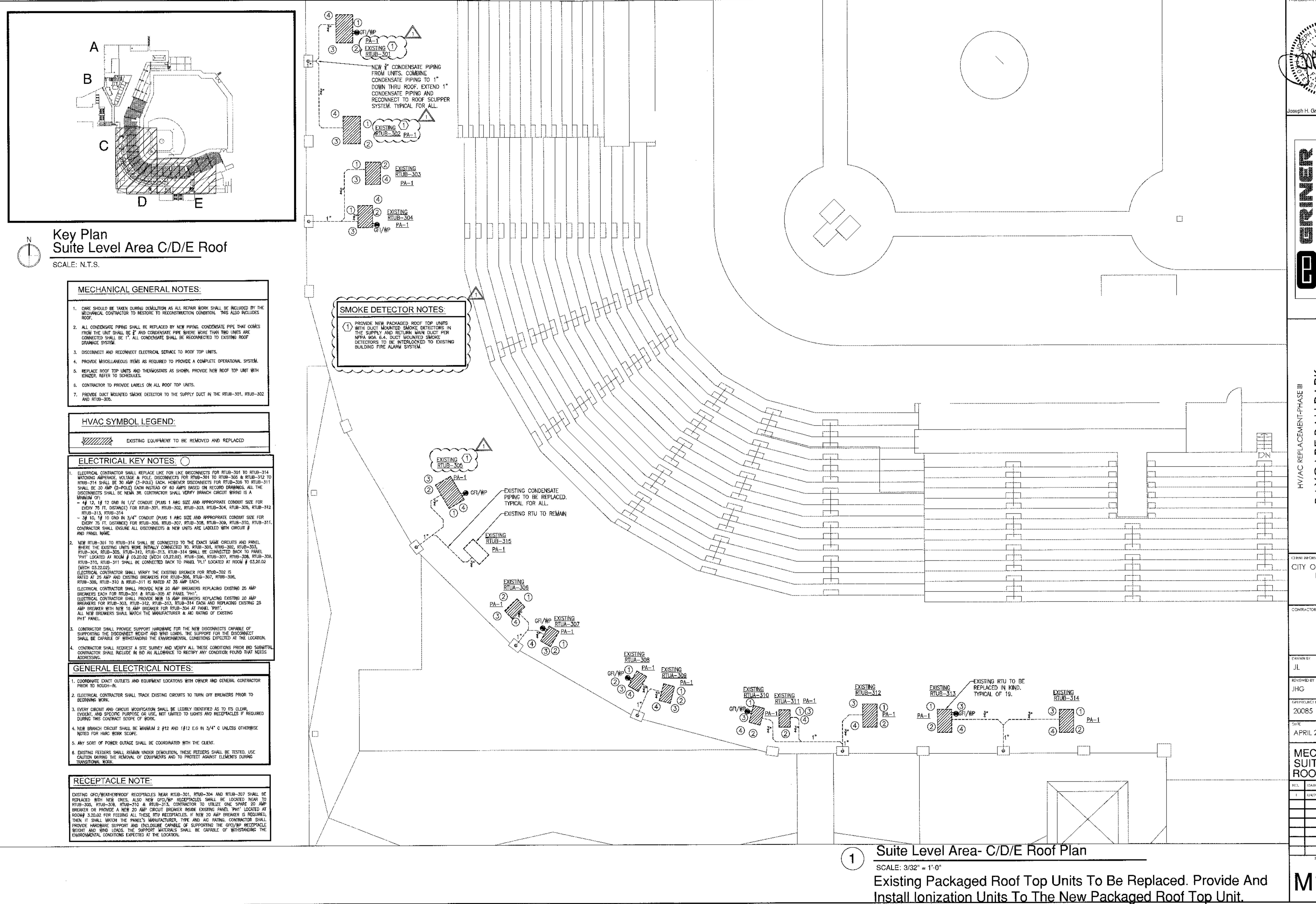
2 Diamond Club Mechanical Plan

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

Existing Mini Split Units To Remain.

Install Ionization Units Only To Existing Mini Split Systems Shown On This View.

PROFESSIONAL SEAL		
 JOSEPH HENRY GRINER P.E. LICENSE NO. 3949 STATE OF FLORIDA NATIONAL ENGINEERING 4/25/21		
Joseph H. Griner III, P.E. FL. 39491		
G GRINGER		
GRINGER ENGINEERING, INC. 3125 5th Avenue N. Ste. 300 St. Petersburg, Florida 33713 Phone: (727)-822-2335 Fax: (727)-821-3361 Certificate of Authorization #3173		
Date	4/25/2021	
Drawn	JL	
Designed	JL	
EOR	JHG	
Job no.	20085	
HV/AC REPLACEMENT-PHASE III BAYCARE BALLPARK PHILLIES SPRING TRAINING FACILITY CITY OF CLEARWATER, FLORIDA		
CLIENT INFORMATION		
CITY OF CLEARWATER, FLORIDA		
CONTRACTOR INFORMATION		
DRAWN BY		
JL		
VIEWED BY		
JHG		
EI PROJECT NUMBER		
20085		
DATE		
APRIL 25, 2021		
SHEET TITLE		
MECHANICAL SUITE LEVEL FLOOR PLAN		
NO.	DATE	SET ISSUED FOR:
SHEET NUMBER		
M102A		



BAYCARE BALLPARK

**PHILLIES SPRING TRAINING FACILITY
CITY OF CLEARWATER, FLORIDA**

CITY OF CLEARWATER, FLORIDA

ASHRAE 62.1 OUTSIDE AIR CALCULATION COMMERCIAL

SPACE	AREA (SF ²)	OCCUPANTS (#)	VENTILATION AIR CFM PER SF ²	VENTILATION AIR CFM PER PERSON	VENTILATION AIR CFM REQUIRED	VENTILATION AIR CFM SPECIFIED	EXHAUST CFM REQUIRED	EXHAUST CFM SPECIFIED	BUILDING PRESSURIZATION
RTUB-201									
CONCESSION	703	2	0	0	0	550	492	500	
TOTAL	703	2			0	550	492	500	50
RTUB-202									
KITCHEN	1020	3	0	0	0	950	714	720	
TOTAL	1020	3			0	950	714	720	230
RTUB-203									
VENDOR COMMISSARY (02.27.01)	735	2	0.06	5	54				
PIZZA CONCESSION (02.28.01)	318	2	0	0	0		223	230	
TOTAL	1053	4			54	575	223	230	345
RTUB-204									
EMPLOYEE LOCKER (02.28.02)	197	2	0.06	5	22				
FIRST AID (02.29.01)	568	2	0.06	5	44				
ADV. TICKETS CUSTOMER RELATIONS (02.30.01)	352	2	0.06	5	31				
TOTAL	920	4			75	330			330
RTUB-205									
SATELLITE NOVELTY (02.33.01)	525	2	0.12	7.5	78				
TOTAL	525	2			78	100			100
RTUB-301									
WRITING PRESS (00.00.00)	1500	1	0.06	5	95				
TOTAL	1500	1			95	100			100
RTUB-302									
SOUND EQUIP (00.00.00)	190	1	0.06	5	16				
TOTAL	190	1			16	50			50
RTUB-303									
PA/SCOREBOARD (00.00.00)	317	1	0.06	5	24				
TOTAL	317	1			24	50			50
RTUB-304									
SUITE KITCHEN (00.00.00)	487	2	0	0	0		341		
MECH. (00.00.00)	158	0	0	0	0				
STOR. (00.00.00)	85	0	0.12	0	10				
WOMEN (00.00.00)	383	0	0	0	0		250		
MEN (00.00.00)	387	0	0	0	0		250		
TOTAL	1500	2			10	375	841	850	-475
RTUB-305									
RADIO-1 (03.20.01)	195	1	0.06	5	17				
RADIO-2 (03.21.02)	192	1	0.06	5	17				
TV-1 (03.21.01)	198	1	0.06	5	17				
TV-2 (03.22.02)	196	1	0.06	5	17				
TOTAL	781	4			67	100			100
RTUA-306									
SUITE (03.23.02)	390	4	0.06	5	43				
TOTAL	390	4			43	75			75

EXISTING WATER SOURCE HEAT PUMPS - 2ND FLOOR

NEW UNITS TO REPLACE EXISTING WATER SOURCE HEAT PUMPS - 3RD FLOOR

MARK		HP-301	HP-302	HP-303	HP-304	HP-305	HP-306
CONFIGURATION		HORIZONTAL DUCTED	HORIZONTAL DUCTED	HORIZONTAL DUCTED	HORIZONTAL DUCTED	HORIZONTAL DUCTED	HORIZONTAL DUCTED
SUPPLY	CFM	1900	1140	1140	1900	1900	760
ELECTRICAL	V / PH / HZ	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60
MANUFACTURER	---	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE
MODEL NO.	---	GEHE06041H0210RL001	GEHE03541H0110LR001	GEHE03541H0110LR001	GEHB060	GEHE06041H0110RL001	GEHE02441H0110LR001
NOTES	---	ALL	2-4	2-4	2-4	2-4	2-4
NOTES							

EXISTING DUCTLESS SPLIT SYSTEM DX AHU SCHEDULE

EXISTING PACKAGED ROOFTOP AIR CONDITIONER SCHEDULE

SHEET 2		RTU-101			
AIR HANDLER No.	AH-301, 302	UNIT NO.	RTU-101	RTU-207	RTUB-315
LOCATION	DIAMOND CLUB	AIRFLOW	CFM	800	-
MANUFACTURER	MITSUBISHI	ELECTRIC	V/PH/HZ	208/1/60	-
AIR HANDLER MODEL No.	PKAA36KA6	MANUFACTURER	TRANE	TRANE	TRANE
REFRIGERANT	R-410A	MODEL NO.	4TCC4030-1000	4TCC4024-1000	-
NOMINAL CAPACITY	TONS	NOTES	1	1	1
ELECTRIC	V/Ø/HZ	1. PROVIDE EXISTING UNIT WITH PLASMA AIR PLASMAPURE AUTOCLEAN 1500 IONIZER. CONTRACTOR TO INSTALL PER MANUFACTURER'S SPECIFICATIONS.			
NOTES	1-6				
NOTES:					
1. PROVIDE EXISTING UNIT WITH PLASMA AIR 602 IONIZER. CONTRACTOR TO INSTALL PER MANUFACTURER'S SPECIFICATIONS.					

The seal is circular with a double-lined border. The outer ring contains the text "PROFESSIONAL SEAL" at the top and "JOSEPH HENRY GRINER III" at the bottom. The inner circle has "FLORIDA" at the top and "PRACTICING ENGINEER" at the bottom. A vertical line in the center contains "LICENSE NO. 39491". The date "MAY 1974" is stamped across the bottom of the seal.

G	GRINGER	GRINGER ENGINEERING, INC.	Date	4/25/2002
		3125 5th Avenue N, Ste. 300 St. Petersburg, Florida 33713	Drawn	JL
		Phone: (727) 822-2235 Fax: (727) 821-3361	Designed	JLG
		Certificate of Authorization #3173	EOR	JHG
			Job no.	2008S

BAYCARE BALLPARK

PHILLIES SPRING TRAINING FACILITY
CITY OF CLEARWATER, FLORIDA

३५

AWN BY

VIEWED BY

Digitized by srujanika@gmail.com

20085

ATE

APRIL 25, 2021

MECHANICAL

SCHEDULES

D. DATE SET ISSUED FOR:

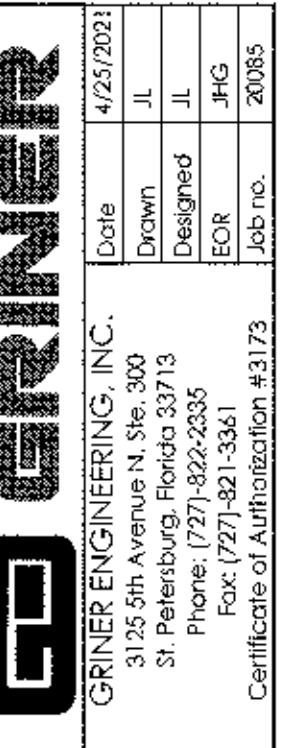
—
—
—

ANSWER

—
—

—
—

M201



Grinter Engineering, Inc.

Date: 4/25/2021

Drawn: JL

Designed: JL

EDR: JHG

Jab. No.: 2035

Certification of Authorization: #3173

PACKAGED ROOFTOP AIR CONDITIONER SCHEDULE

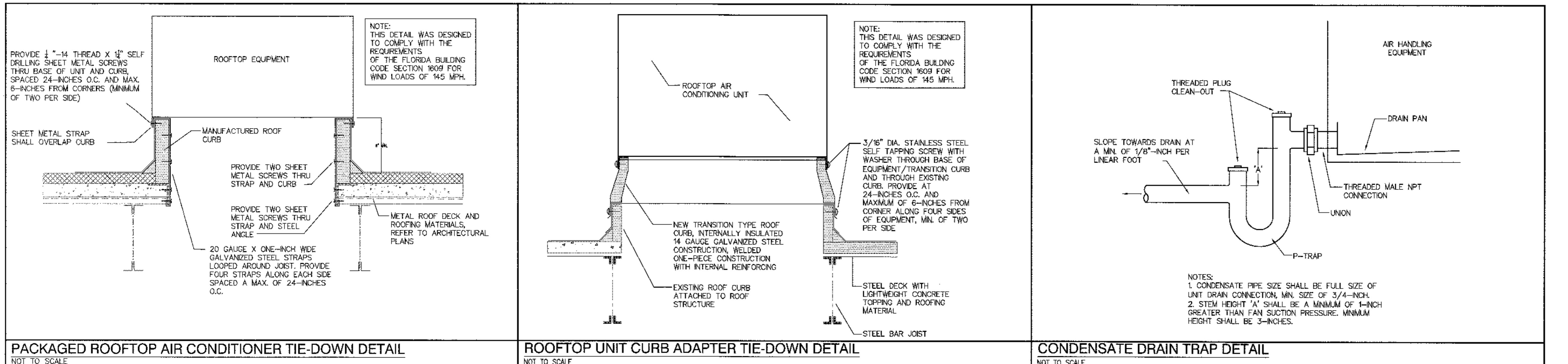
UNIT NO.	RTUB-201	RTUB-202	RTUB-203	RTUB-204	RTUB-205	RTUB-301	RTUB-302	RTUB-303	RTUB-304	RTUB-305	RTUA-306, 307, 308, 309, 310, & 311	RTUB-312 & RTUB-313	RTUB-314	
AIRFLOW	CFM	1280	2000	1600	2000	800	3000	2400	1280	1600	2700	1000	1280	1300
OUTSIDE AIR	CFM	550	950	575	330	100	50	50	375	100	75	75	75	75
EXT. STATIC PRESSURE	IN. H ₂ O	0.6	0.6	0.6	0.65	0.5	0.75	0.5	0.5	0.6	0.8	0.6	0.6	0.6
NOMINAL CAPACITY	TONS	4.0	6.0	5.0	5.0	2.0	7.5	6.0	4.0	6.0	7.5	2.5	4.0	4.0
TOTAL CAPACITY	MBH	48.01	60.3	57.0	55.52	23.1	85.03	73.30	42.26	56.35	84.20	27.00	42.28	42.25
SENSIBLE CAPACITY	MBH	33.19	47.1	43.5	44.96	16.6	68.02	50.01	32.40	39.93	64.84	20.10	32.42	32.56
ENT. AIR TEMP.	DB/WB DEG. F	81.9/68.8	82.6/69.4	80.8/67.2	77.6/65.4	77.0/63.0	75.0/62.6	76.0/63.0	75.0/62.6	78.8/66.6	75.0/62.6	75.0/63.0	75.0/62.6	75.0/62.6
LVC. AIR TEMP.	DB/WB DEG. F	58.28/57.15	60.55/58.2	57.06/58.26	57.93/58.74	56.1/58.01	54.53/52.80	54.43/53.27	52.2/51.11	57.04/55.9	53.42/51.72	56.47/56.1	52.18/51.1	52.43/51.3
HEAT CAPACITY	KW	12.0	18.0	12.0	12.0	3.8	9.0	-	6.0	6.0	9.0	3.8	6.0	6.0
FAN MOTOR	HP	1.0	1.0	1.0	1.0	0.333	1.0	1.0	1.0	1.0	1.0	5.0	1.0	1.0
FAN MOTOR POWER	FLA	2.5	1.6	2.5	2.5	2.6	2.0	1.6	2.5	2.5	1.6	4.1	2.5	2.5
COMPRESSORS	NO.	1	1	1	1	1	1	2	1	1	2	1	1	1
CIRCUITS	NO.	1	1	1	1	1	2	1	1	1	2	1	1	1
STEPS OF CAPACITY	NO.	1	1	1	1	1	2	1	1	1	2	1	1	1
COMPRESSOR POWER	RLA# / RLA#	6.2	10.6	7.1	7.1	12.8	6.27/6.27	10.6	6.2	7.1	6.27/6.27	14.1	6.2	6.2
CONDENSER FAN POWER	QTY / FLA	1/0.7	1/16	1/0.7	1/0.7	1/0.54	1/16	1/16	1/0.7	1/0.7	1/16	1/0.85	1/0.7	1/0.7
ELECTRIC	V/PH/HZ	460/3/60	460/3/60	460/3/60	460/3/60	208/1/60	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60	208/1/60	460/3/60	460/3/60
MCA	AMPS	23	31	23	23	23	18	17	14	14	18	23	14	14
MOPC	AMPS	25	35	25	30	20	25	15	15	20	35	15	15	15
EER		12.00	11.20	12.00	12.00	11.20	11.20	11.20	12.00	11.20	11.50	12.00	12.00	12.00
REFRIGERANT		R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
WEIGHT		467 LBS	835 LBS	513 LBS	513 LBS	358 LBS	873 LBS	713 LBS	467 LBS	513 LBS	873 LBS	377 LBS	467 LBS	467 LBS
MANUFACTURER		TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE
MODEL NO.		TSC048	TSC072	TSC060	TSC060	4TCC4024A1	TSC092	TSC072	TSC048	RSC060	TSC092	4TCC4030A1	TSC048	TSC048
HEATER MODEL		BAYHTRE412	BAYHTRS418	BAYHTRE412	BAYHTRE412	BAYHTRV105	BAYHTRS409	-	BAYHTRE406	BAYHTRE406	BAYHTRS409	BAYHTRV105	BAYHTRE406	BAYHTRE406
NOTES		1,3,4,5,8 2,3,4,5,8	1,3,4,5,8	1,3,4,5,8,8	1,3,4,5,6,8	1,3,4,5,7,8	1,3,4,5,6,7,8	1,3,4,5,8	1,3,4,5,8	1,3,4,5,7,8	1,3,4,5,6,8	1,3,4,5,8	1,3,4,5,8	1,3,4,5,8

1. PROVIDE UNIT WITH 0-50% MANUAL OUTDOOR AIR DAMPER
2. PROVIDE UNIT WITH ECONOMIZER WITH POWERED EXHAUST
3. PROVIDE UNIT WITH CONDENSER HAIL GUARDS AND CONDENSER PROTECTION COATING FROM FACTORY.
4. PROVIDE 7-DAY PROGRAMMABLE THERMOSTAT.
5. PROVIDE LOW AMBIENT CONTROL KIT.
6. PROVIDE NEW ROOF CURB ADAPTER / ROOF CURB AS REQUIRED TO MEET THE FIELD LOCATION.
7. PROVIDE NEW DUCT MOUNTED SMOKE DETECTOR TO THE SUPPLY AND RETURN MAIN DUCT.
8. PROVIDE WITH PLASMA AIR IONIZER PLASMAPURE AUTOCLEAN 1500. CONTRACTOR TO INSTALL PER MANUFACTURER'S SPECIFICATIONS.

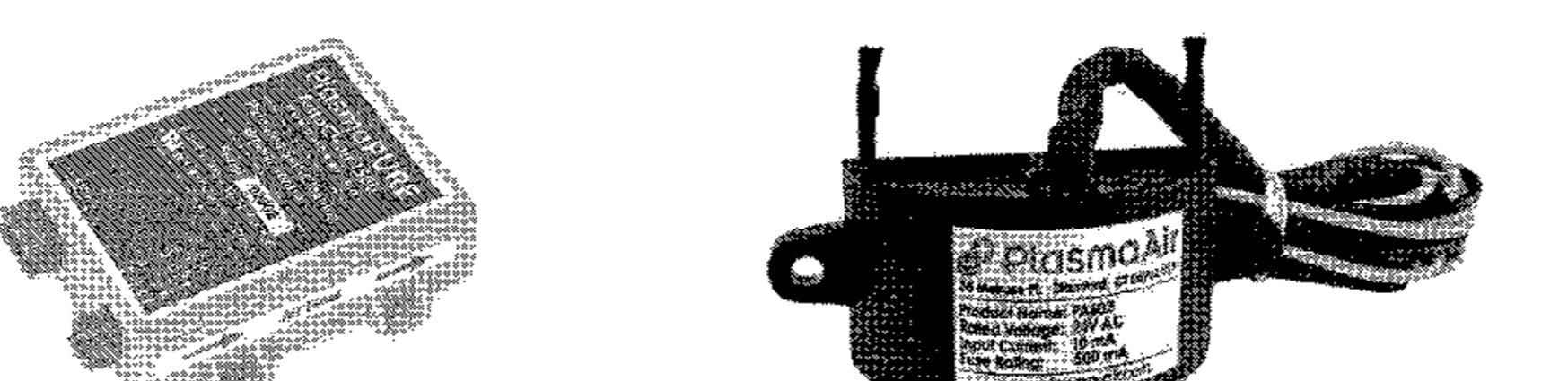
NOTE:
COLLING PERFORMANCE SHALL
BE RATED IN ACCORDANCE WITH
AHR STANDARDS. PER FRC
ENERGY CODE TABLE 403.2.3(9)
ALL NEW PACKAGED ROOF TOP
UNITS MEETS THE MINIMUM EER
VALUE OF 12.0

HVAC REPLACEMENT-PHASE III

PHILLIES SPRING TRAINING FACILITY
CITY OF CLEARWATER, FLORIDA



PLASMA AIR IONIZER SCHEDULE						
TAG	MANUFACTURER	MODEL	ELEC. VOLTAGE	WEIGHT	QUANTITY PER UNIT	QUANTITY PER UNIT
PA-1	PLASMA AIR	PLASMA PURE AUTOCLEAN 1500	24 V AC	.3 LBS	1	36
PA-2	PLASMA AIR	PLASMA AIR 602	24 V AC	.2 LBS	1	2
NOTES:						
1. IONIZER TO BE MOUNTED NEAR FAN INLET. CONNECT POWER TO IONIZER FROM EXISTING HVAC UNIT FAN CIRCUIT. CONTRACTOR TO INSTALL PER MANUFACTURER'S SPECIFICATIONS.						



PlasmaPURE AutoClean 1500

Plasma Air 602

M202