### **CF Patton Middle** School

### CAFETERIA RENOVATION

## CF Patton Middle School

### Unionville Chadds Ford School District

**DESIGN OBJECTIVE & CHALLENGES** 

Project Description / Objective

Type of Construction: Renovation

Redesign the existing kitchen and food court area to create a more functional use of space. Kitchen and Food Court to be capable of serving up to 1000 students in three lunch periods

**Project Timeline** 

To follow Architects Timeline

**Project Challenges** 

FOOD SERVICE SCOPE

**ABBREVIATIONS** 

Above Finished Floor

Above Finished Ceiling

Above Finished Floor Branch to Connection

Down from Above Electrical Contractor

Plumbing Contractor

Top of Walk-in Box

Top of Hood

Voltage

Verify

Amperage

SCOPE ITEMS:	DESIGNED BY	SUPPLIED BY	INSTALLED BY
Food Service Equipment	Kitchen Equipment Consultant	Kitchen Equipment Contractor	Kitchen Equipment Contracto
Existing Food Service Equipment	Kitchen Equipment Consultant	Owner	GC, MC/PC/EC as required
Remote Refrigeration	Kitchen Equipment Consultant	General Contractor	General Contractor
Exhaust Hood	Kitchen Equipment Consultant	General Contractor	General Contractor
Exhaust Duct	HVAC Consultant	HVAC Contractor	HVAC Contractor
Exhaust Fans	HVAC Consultant	HVAC Contractor	HVAC Contractor
Millwork	KEC / Architect	General Contractor	General Contractor
Interior Design	Architect	General Contractor	General Contractor
Final Connections	KEC / Architect	MEP Trades	MEP Trades
MUA Duct	HVAC Consultant	HVAC Contractor	HVAC Contractor
MUA Fans	HVAC Consultant	HVAC Contractor	HVAC Contractor
Exhaust/ MUA System Controls	HVAC Consultant	HVAC Contractor	HVAC Contractor
Fire Supression System	Kitchen Equipment Consultant	General Contractor	General Contractor

Supplied by the vendor supplying the product. Vendor is sourced by the end user. Supplied by someone other than the Kitchen Equipment Contractor

Existing Equipment that will remain in its current location Existing Equipment that will be moved to a new location

Kitchen Equipment Consultant/ Contractor

Equipment ot currently being installed but planned for future use

New Equipment to be supplied by the Kitchen Equipment Contractor Not in Kitchen Equipment Contract

#### PROJECT TEAM

**BUILDING** 

Unionville Chadds Ford School District Marie Wickersham 610.347.0970 ext 3334

GENERAL CONTRACTOR

KITCHEN EQUIPMENT CONTRACTOR Clark Food Service Equipment Rick Reardon, CFSP 717.392.7363 Ext. 317

Alban Engineering, Inc. Jeff Alban 410.842.6411 jalban@albanengineering.com

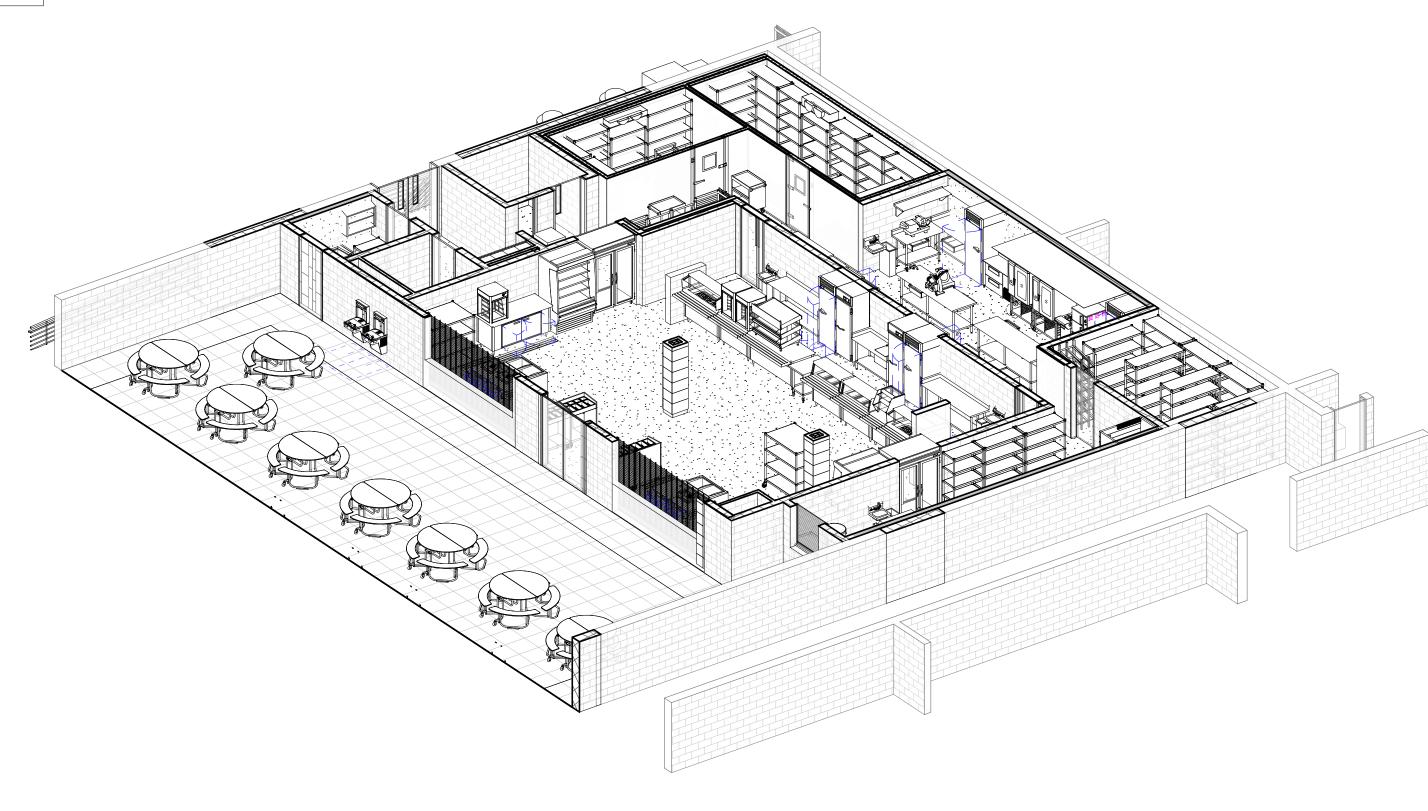
ARCHITECT Marotta Main Architects Westley Enterline 717.393.3211 Ext. 129

Megan Rippon MER@marottamain.com



MECHANICAL ENGINEER

INTERIOR DESIGNER Marotta Main Architects 717.393.3211 Ext. 127



#### **DRAWING INDEX**

Sheet Number	Sheet Name	Sheet Issue Date
QF-0.0	Food Service Cover Sheet	August 21, 2019
QF-1.1	Food Service Kitchen & Food Court Layout	August 21, 2019
QF-2.1	Food Service Elevations	August 21, 2019
QF-2.2	Food Service Elevations	August 21, 2019
QF-3.1	Food Service 3D Drawing	August 21, 2019
QF-4.1	Food Service Plumbing Rough-Ins	August 21, 2019
QF-5.1	Food Service Electrical Rough-Ins	August 21, 2019

Schematic Design - June 20, 2019 - Design meeting on site with Marie Wickersham, FSD for Unionville Schematic Design - R2 - July 17, 2019 - Review of drawing on site with Marie Wickersham. Drawing was tentatively approved with a few additional changes. Schematic Design - R3 - July 29, 2019 - Revisions based on review from Marie Wickersham. Owner Review Set - August 21, 2019.

> **GENERAL** Menu: Grill, Homestyle, Salad Bar, Mexican, Vegan, Bakery, Deli. <u>Utilities:</u> Steam, Electric Max - Not Determined, GAS: LP or Natural? **REFRIGERATION & STORAGE** Notes or NA

**PREPARATION** Notes or NA

**COOKING** 

**BEVERAGE** 

Notes or NA

X Self Served <u>Beverages</u>

**SERVING** 

Waited w/ Salad Bar X Cafeteria Waited Table None

Seating Capacity 400 Students

Hours of Operation Breakfast, Lunch

WAREWASHING <u>Tableware</u>

X Disposables X Trays

X Cups, Glass or Plastic

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Road e, Pennsylvania

PROJECT #: Project Number **Food Service Cover** 

AFF

By Vendor

By Others

Existing to Remain

DFA

→ KEC

KW

NEW NIKEC

VFY

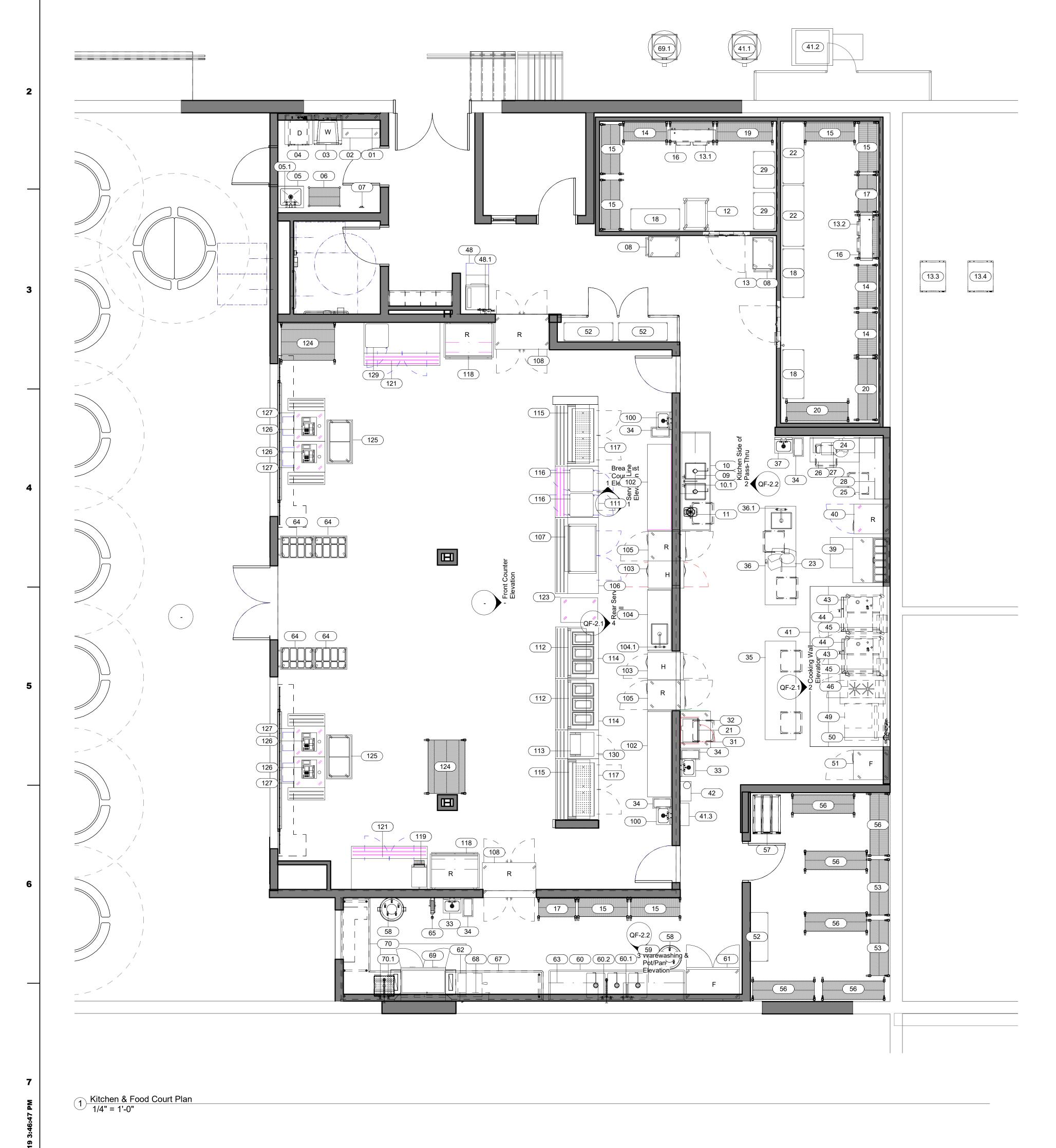
Sheet SHEET NUMBER:

**QF-0.0** 

**CONFORMED SET** 

# CF Patton Middle School

### Unionville Chadds Ford School District



03	1	Washer	BY OWNER
04	1	Dryer	BY OWNER
05	1	Mop Sink	NEW-PC
05.1	1	Service Sink Faucet	NEW-PC
06	1	Shelving, Wire, Mobile, 5-Tier, Epoxy Coated	NEW-BY OWNER
07	1	Stainless Steel Mop Hanger	NEW-GC
80	2	Service Cart	NEW-BY OWNER
09	2	Wall Shelf (Stacked)	NEW-BY OWNER
10	1	Vegetable Prep Sink	NEW-BY OWNER
10.1	1	Wall Mount Mixing Faucet.	NEW-BY OWNER
11	1	Food Processor	NEW-BY OWNER
12	1	Sheet Pan Rack	NEW-BY OWNER
13	1	Walk In Combination	NEW-GC
13.1	1	Evaporator, Cooler	NEW-GC
13.2	1	Evaporator, Freezer	NEW-GC
13.3	1	Condenser, Cooler	NEW-GC
13.4	1	Condenser, Freezer	NEW-GC
14	3	Shelving, Wire, Mobile, 5-Tier, Epoxy Coated	NEW-BY OWNER
15	6	Shelving, Wire, Mobile, 5-Tier, Epoxy Coated	NEW-BY OWNER
16	2	Shelving, Wire, Mobile, 4-Tier, Epoxy Coated	NEW-BY OWNER
17	2	Shelving, Wire, Mobile, 5-Tier, Epoxy Coated	NEW-BY OWNER
18	3	Dunnage Rack	NEW-BY OWNER
19	1	Shelving, Wire, Mobile, 5-Tier, Epoxy Coated	NEW-BY OWNER
20	2	Shelving, Wire, Mobile, 5-Tier, Epoxy Coated	NEW-BY OWNER
21	1	Stainless Steel Microwave Shelf	NEW-BY OWNER
22	2	Dunnage Rack	NEW-BY OWNER
23	1	Slicer	EXISTING/RELOCATE
24	1	Wall Shelf	NEW-BY OWNER
25	1	Work Table w/Drawer	EXISTING/RELOCATE
26	1	Work Table, Mobile	NEW-BY OWNER
27	1	Food Cutter	EXISTING/RELOCATE
28	2	Wall Shelf	NEW-BY OWNER
29	2	Dunnage Rack	NEW-BY OWNER
30	1	Spare Number	SPARE NUMBER
31	1	Work Table, Mobile	NEW-BY OWNER
32	1	Microwave Oven	NEW-BY OWNER
33	2	Hand Sink	NEW-PC
34	5	Trash Container	NEW-BY OWNER
35	1	Work Table w/Drawers	EXISTING/RELOCATE
36	1	Work Table w/Sink & Drawers	NEW-BY OWNER
36.1	1	Deck Mount Faucet	NEW-BY OWNER
37	1	Hand Sink W/Eye Wash Station	NEW-PC
38	1	Spare Number	SPARE NUMBER
39	1	Pizza Prep Table	NEW-BY OWNER
40	1	Refrigerator, Reach In	NEW-BY OWNER
41	1	Exhaust Hood w/Return Air Chamber	NEW-GC
41.1	1	Exhaust Fan	NEW-HVAC
41.2	1	MUA Fan	NEW-HVAC
41.3	1	Hood Control Panel	NEW-GC
42	1	Fire Suppression System	NEW-GC
43	2	Combi Oven Stand w/Slides	EXISTING/RELOCATE
44	2	Oven-Steamer, Combination, Gas	EXISTING/RELOCATE
45	2	Combi Oven Water Filter	NEW-BY OWNER
46	1		NEW-BY OWNER
47	1	Heavy Duty Range Spare Number	SPARE NUMBER
	2	Ice Machine w/Bin	
48 48.1	1	Ice Machine Water Filter	NEW-BY OWNER NEW-BY OWNER
48.1	1	Convection Steamer	EXISTING/RELOCATE
	1		
50 51	1	Steamer Filter Freezer Reach In	NEW-BY OWNER NEW-BY OWNER
51 52	3	Freezer, Reach In	NEW-BY OWNER
52 53	2	Dunnage Rack Shelving, Wire, Mobile, 5-Tier, Epoxy Coated	NEW-BY OWNER
54	1	Spare Number	SPARE NUMBER
		•	
55 56	6	Spare Number Sholving Wire Mobile 5 Tier Epoxy Coated	SPARE NUMBER
56 57	U	Shelving, Wire, Mobile, 5-Tier, Epoxy Coated  Mobile Can Rack	NEW-BY OWNER
57	1	TIVIODIIC Odli NaCK	NEW-BY OWNER
E0	1		
58	2	Trash Can	BY OWNER
59	1	Trash Can Wall Shelf	NEW-BY OWNER
59 60	1	Trash Can Wall Shelf Three Compartment Sink	NEW-BY OWNER NEW-BY OWNER
59 60 60.1	1	Trash Can Wall Shelf Three Compartment Sink Wall Mount Faucet	NEW-BY OWNER NEW-BY OWNER NEW-PC
59 60 60.1 60.2	1 1 1	Trash Can Wall Shelf Three Compartment Sink Wall Mount Faucet Pre-Rinse Unit: 8" Wall Mount Mixing Faucet	NEW-BY OWNER NEW-BY OWNER NEW-PC NEW-PC
59 60 60.1 60.2 61	1 1 1 1	Trash Can Wall Shelf Three Compartment Sink Wall Mount Faucet Pre-Rinse Unit: 8" Wall Mount Mixing Faucet Freezer, Reach-In	NEW-BY OWNER NEW-BY OWNER NEW-PC NEW-PC EXISTING/RELOCATE
59 60 60.1 60.2 61 62	1 1 1 1 1 1	Trash Can Wall Shelf Three Compartment Sink Wall Mount Faucet Pre-Rinse Unit: 8" Wall Mount Mixing Faucet Freezer, Reach-In Booster Heater, Imperial	NEW-BY OWNER NEW-BY OWNER NEW-PC NEW-PC EXISTING/RELOCATE EXISTING/RELOCATE
59 60 60.1 60.2 61 62 63	1 1 1 1 1 1	Trash Can Wall Shelf Three Compartment Sink Wall Mount Faucet Pre-Rinse Unit: 8" Wall Mount Mixing Faucet Freezer, Reach-In Booster Heater, Imperial Wall Shelf	NEW-BY OWNER NEW-BY OWNER NEW-PC NEW-PC EXISTING/RELOCATE EXISTING/RELOCATE NEW-BY OWNER
59 60 60.1 60.2 61 62 63 64	1 1 1 1 1 1 1 4	Trash Can Wall Shelf Three Compartment Sink Wall Mount Faucet Pre-Rinse Unit: 8" Wall Mount Mixing Faucet Freezer, Reach-In Booster Heater, Imperial Wall Shelf Tray & Silverware Cart, Mobile	NEW-BY OWNER NEW-BY OWNER NEW-PC NEW-PC EXISTING/RELOCATE EXISTING/RELOCATE NEW-BY OWNER NEW-BY OWNER
59 60 60.1 60.2 61 62 63 64 65	1 1 1 1 1 1 1 4	Trash Can Wall Shelf Three Compartment Sink Wall Mount Faucet Pre-Rinse Unit: 8" Wall Mount Mixing Faucet Freezer, Reach-In Booster Heater, Imperial Wall Shelf Tray & Silverware Cart, Mobile Hose Reel	NEW-BY OWNER NEW-BY OWNER NEW-PC NEW-PC EXISTING/RELOCATE EXISTING/RELOCATE NEW-BY OWNER NEW-BY OWNER NEW-BY OWNER
59 60 60.1 60.2 61 62 63 64 65 66	1 1 1 1 1 1 4 1	Trash Can Wall Shelf Three Compartment Sink Wall Mount Faucet Pre-Rinse Unit: 8" Wall Mount Mixing Faucet Freezer, Reach-In Booster Heater, Imperial Wall Shelf Tray & Silverware Cart, Mobile Hose Reel Spare Number	NEW-BY OWNER NEW-BY OWNER NEW-PC NEW-PC EXISTING/RELOCATE EXISTING/RELOCATE NEW-BY OWNER NEW-BY OWNER NEW-BY OWNER NEW-BY OWNER SPARE NUMBER
59 60 60.1 60.2 61 62 63 64 65 66	1 1 1 1 1 1 4 1 1	Trash Can Wall Shelf Three Compartment Sink Wall Mount Faucet Pre-Rinse Unit: 8" Wall Mount Mixing Faucet Freezer, Reach-In Booster Heater, Imperial Wall Shelf Tray & Silverware Cart, Mobile Hose Reel Spare Number Clean Dishtable	NEW-BY OWNER NEW-BY OWNER NEW-PC NEW-PC EXISTING/RELOCATE EXISTING/RELOCATE NEW-BY OWNER NEW-BY OWNER NEW-BY OWNER SPARE NUMBER NEW-BY OWNER
59 60 60.1 60.2 61 62 63 64 65 66 67 68	1 1 1 1 1 1 4 1 1 1	Trash Can Wall Shelf Three Compartment Sink Wall Mount Faucet Pre-Rinse Unit: 8" Wall Mount Mixing Faucet Freezer, Reach-In Booster Heater, Imperial Wall Shelf Tray & Silverware Cart, Mobile Hose Reel Spare Number Clean Dishtable Wall Mounted Tray Dryer	NEW-BY OWNER NEW-BY OWNER NEW-PC NEW-PC EXISTING/RELOCATE EXISTING/RELOCATE NEW-BY OWNER NEW-BY OWNER NEW-BY OWNER SPARE NUMBER NEW-BY OWNER NEW-BY OWNER
59 60 60.1 60.2 61 62 63 64 65 66 67 68 69	1 1 1 1 1 1 4 1 1	Trash Can Wall Shelf Three Compartment Sink Wall Mount Faucet Pre-Rinse Unit: 8" Wall Mount Mixing Faucet Freezer, Reach-In Booster Heater, Imperial Wall Shelf Tray & Silverware Cart, Mobile Hose Reel Spare Number Clean Dishtable Wall Mounted Tray Dryer Rack Conveyor Dishwasher	NEW-BY OWNER NEW-BY OWNER NEW-PC NEW-PC EXISTING/RELOCATE EXISTING/RELOCATE NEW-BY OWNER NEW-BY OWNER NEW-BY OWNER SPARE NUMBER NEW-BY OWNER NEW-BY OWNER NEW-BY OWNER EXISTING/RELOCATE
59 60 60.1 60.2 61 62 63 64 65 66 67 68	1 1 1 1 1 1 4 1 1 1	Trash Can Wall Shelf Three Compartment Sink Wall Mount Faucet Pre-Rinse Unit: 8" Wall Mount Mixing Faucet Freezer, Reach-In Booster Heater, Imperial Wall Shelf Tray & Silverware Cart, Mobile Hose Reel Spare Number Clean Dishtable Wall Mounted Tray Dryer Rack Conveyor Dishwasher Dishwasher Exhaust Fan	NEW-BY OWNER NEW-BY OWNER NEW-PC NEW-PC EXISTING/RELOCATE EXISTING/RELOCATE NEW-BY OWNER NEW-BY OWNER NEW-BY OWNER SPARE NUMBER NEW-BY OWNER NEW-BY OWNER
59 60 60.1 60.2 61 62 63 64 65 66 67 68 69	1 1 1 1 1 1 4 1 1 1 1	Trash Can Wall Shelf Three Compartment Sink Wall Mount Faucet Pre-Rinse Unit: 8" Wall Mount Mixing Faucet Freezer, Reach-In Booster Heater, Imperial Wall Shelf Tray & Silverware Cart, Mobile Hose Reel Spare Number Clean Dishtable Wall Mounted Tray Dryer Rack Conveyor Dishwasher	NEW-BY OWNER NEW-BY OWNER NEW-PC NEW-PC EXISTING/RELOCATE EXISTING/RELOCATE NEW-BY OWNER NEW-BY OWNER NEW-BY OWNER SPARE NUMBER NEW-BY OWNER NEW-BY OWNER NEW-BY OWNER EXISTING/RELOCATE

Kitchen Equipment Schedule

NEW-GC

Item#	Qty.	Description	Key
100	2	Hand Sink, Wall Mounted	NEW-PC
101	1	Spare Number	SPARE NUMBER
102	2	Work Table	NEW-BY OWNER
103	2	Warming Cabinet, Pass-Thru	NEW-BY OWNER
104	1	Work Table, Stainless Steel w/Sink	NEW-BY OWNER
104.1	1	Faucet, Deck Mount	NEW-BY OWNER
105	2	Refrigerator, Pass-Thru	NEW-BY OWNER
106	1	Utility Counter	NEW-BY OWNER
107	1	Designer Merchandising Warmers - Sandwich Slide	NEW-BY OWNER
108	2	Refrigerator, Pass-Thru	NEW-BY OWNER
109	1	Spare Number	SPARE NUMBER
110	1	Spare Number	SPARE NUMBER
111	1	Utility Counter	NEW-BY OWNER
112	2	Breath Protector, Operator Serve	NEW-BY OWNER
113	1	Two-Tier Display Case	NEW-BY OWNER
114	2	Heated Serving Counters	NEW-BY OWNER
115	2	Breath Protector, Operator Serve	NEW-BY OWNER
116	2	Vertical Heated Cabinet	NEW-BY OWNER
117	2	Refrigerated Serving Counter	NEW-BY OWNER
118	2	Pass-Thru Display Case, Vertical	<b>NEW-BY OWNER</b>
119	1	Conveyor Toaster	NEW-BY OWNER
120	1	Spare Number	SPARE NUMBER
121	2	Utility Counter	NEW-BY OWNER
122	1	Spare Number	SPARE NUMBER
123	1	Work Table	NEW-BY OWNER
124	2	Chip Rack	BY VENDOR
125	2	Milk Cooler	EXISTING/RELOCATE
126	4	POS Station	BY OWNER
127	4	Cashier Counter	NEW-BY OWNER
128	1	Spare Number	SPARE NUMBER
129	1	Soft Pretzel Warmer	NEW-BY OWNER
130	1	Utility Counter	NEW-BY OWNER



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PROJECT #: Project Numbers SHEET TITLE:
Food Service

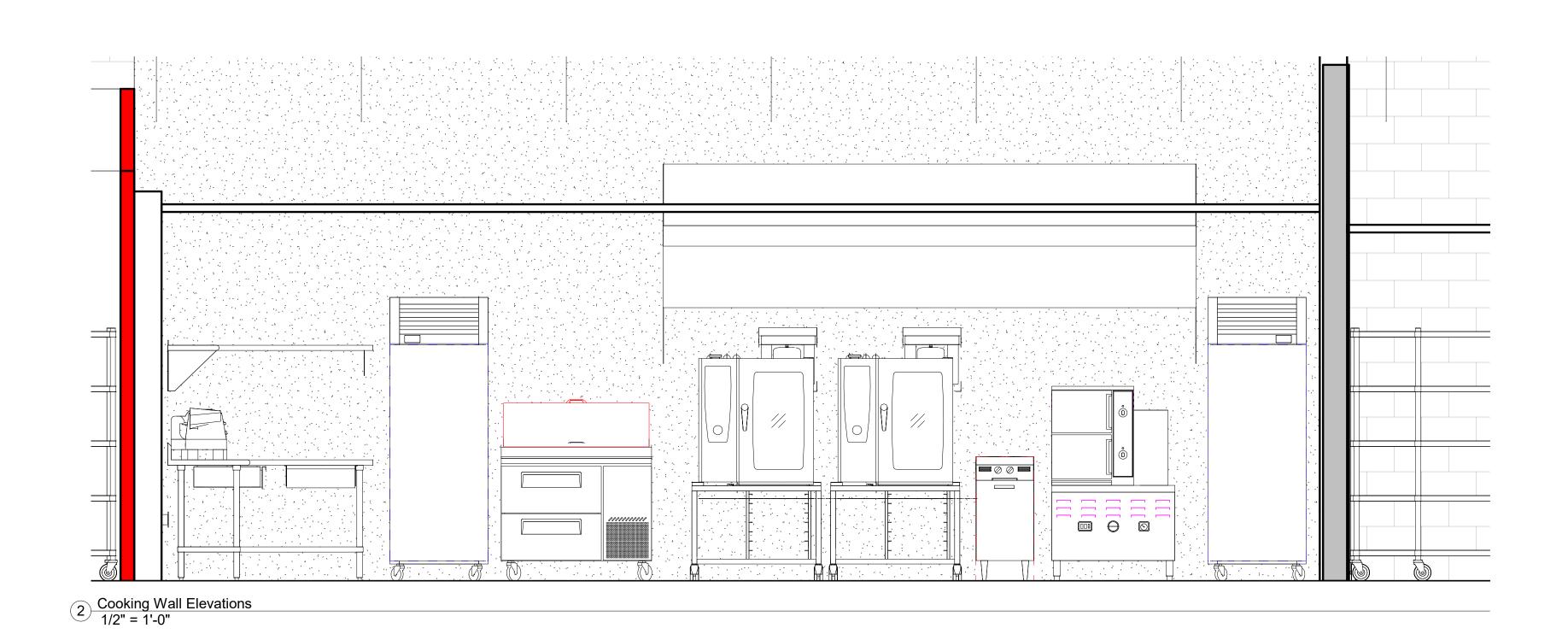
Food Service
Kitchen & Food
Court Layout

QF-1.1

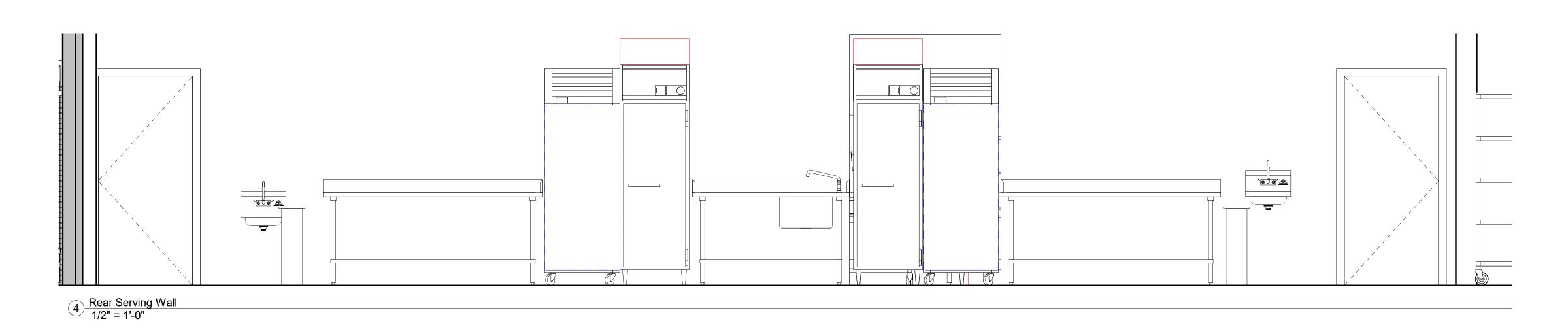
CONFORMED SET

# CF Patton Middle School

Unionville Chadds Ford School District

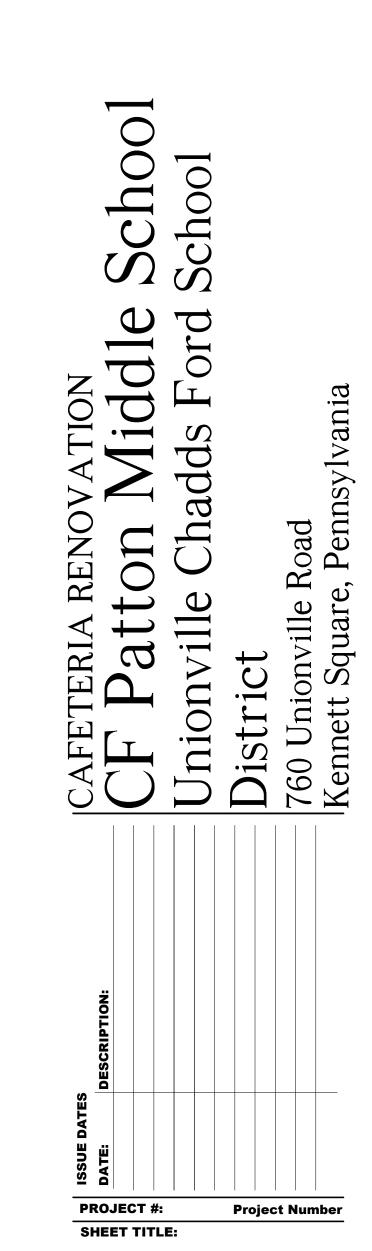






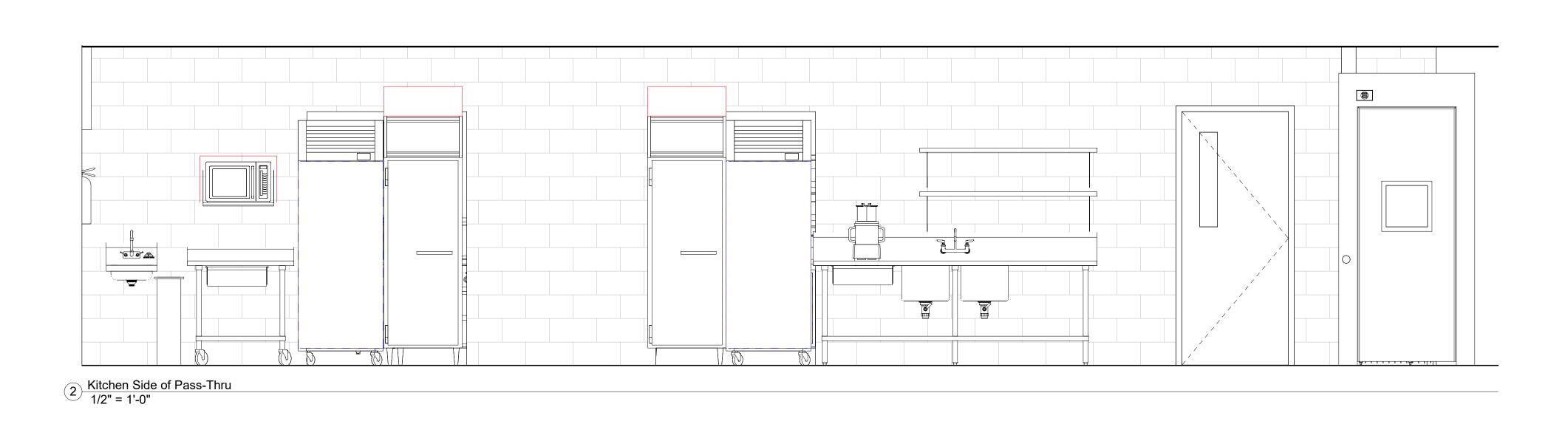


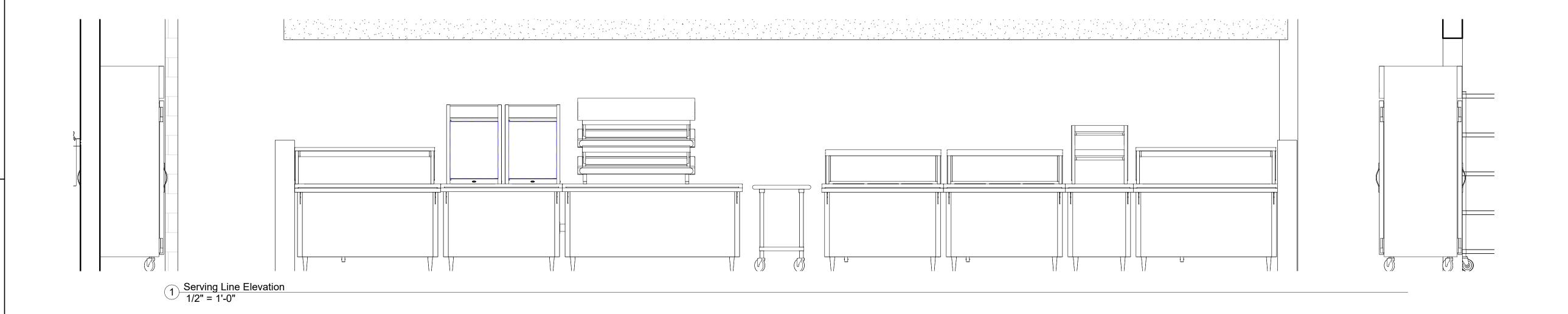
CONSULTANT:

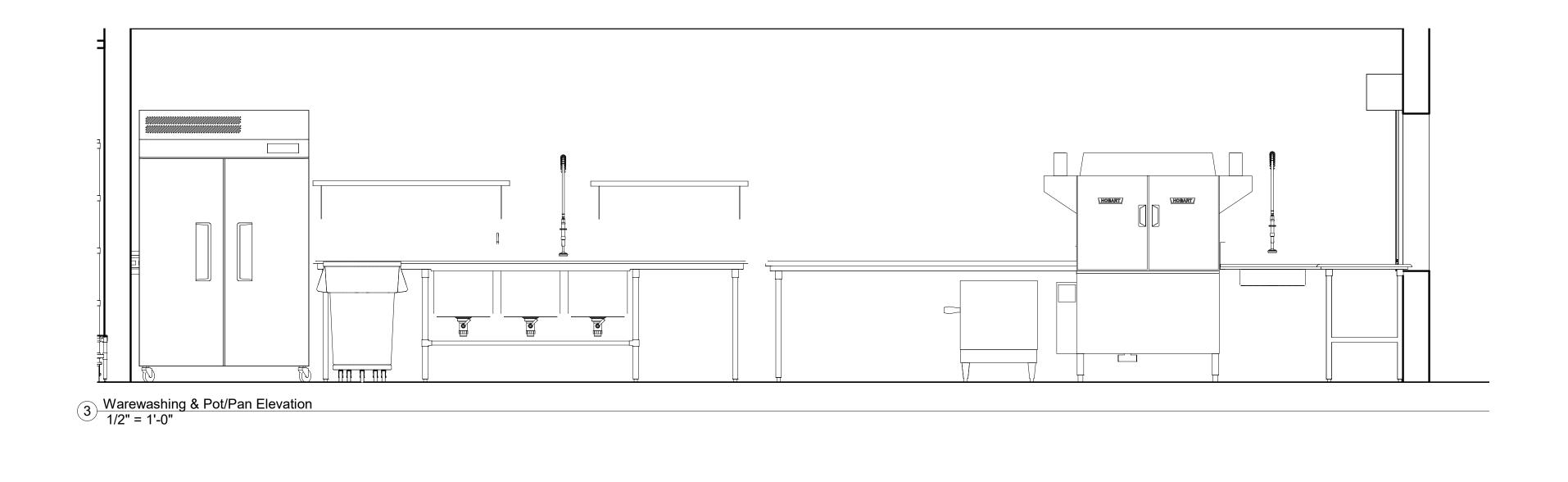


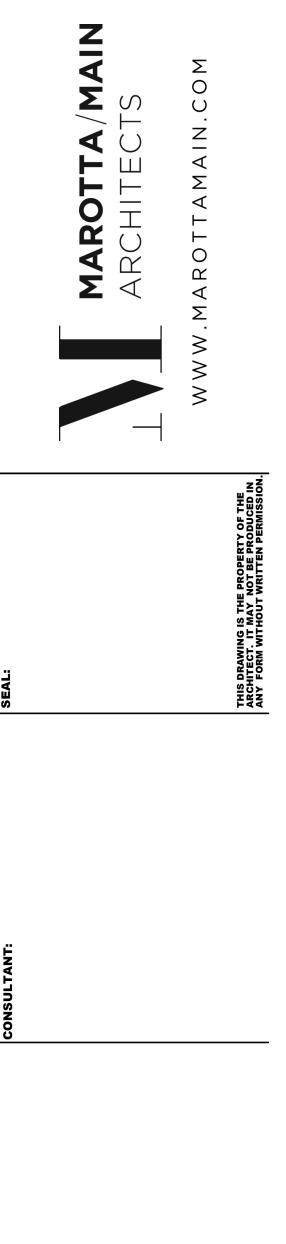
# CF Patton Middle School

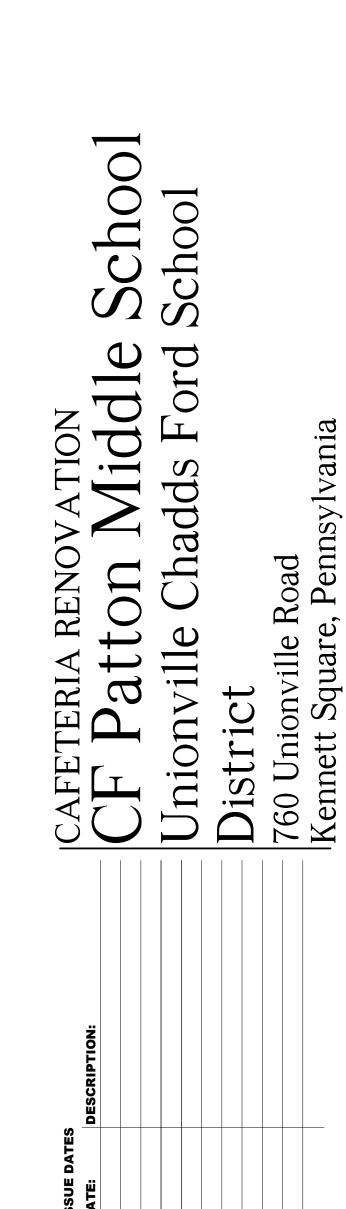
Unionville Chadds Ford School District







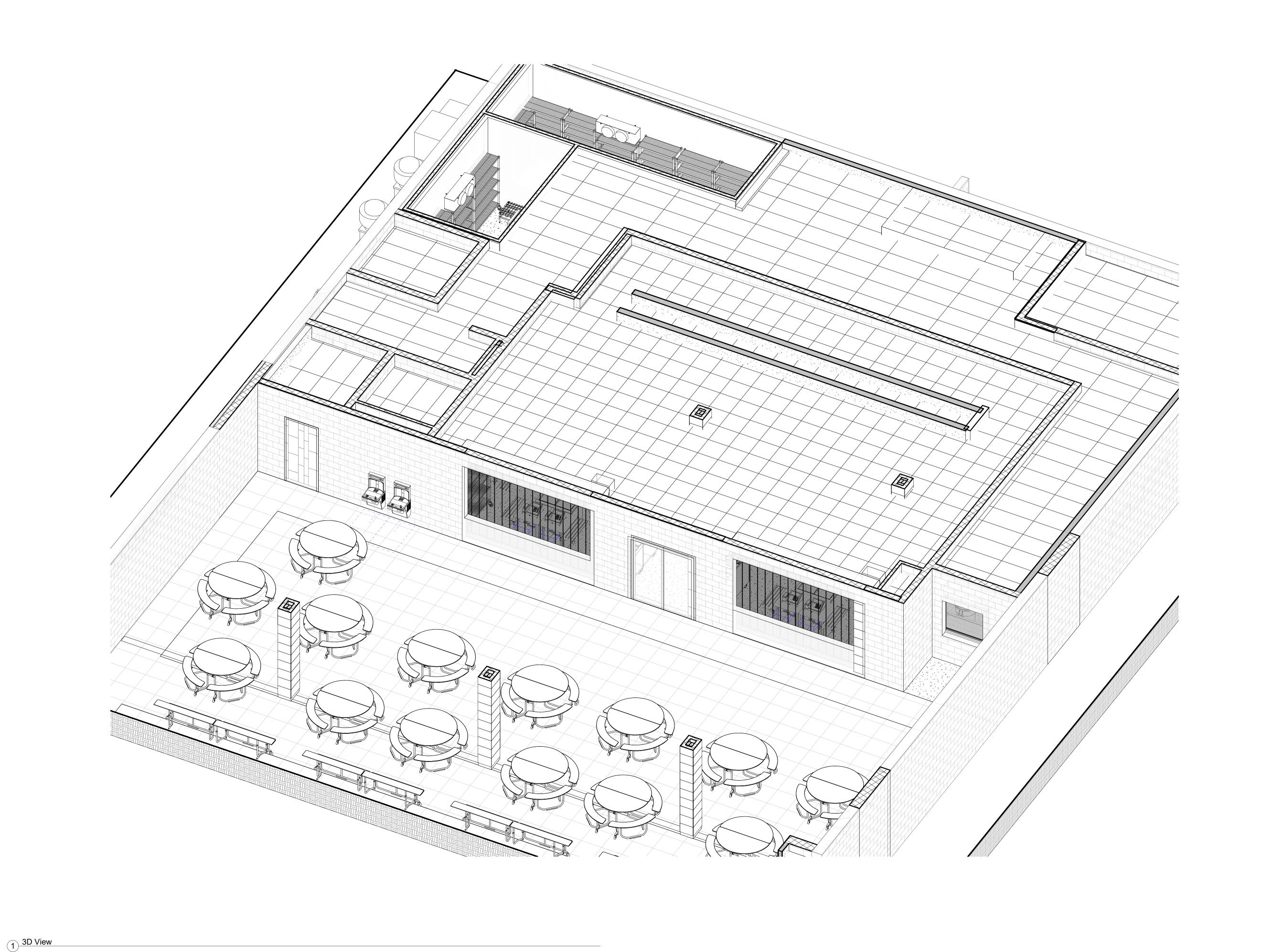




PROJECT #:

# CF Patton Middle School

Unionville Chadds Ford School District



MAROTTA/MAIN
ARCHITECTS

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AFETERIA RENOVATION

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PROJECT #: Project Number

Food Service 3D

Drawing

SHEET NUMBER: QF-3.1

CONFORMED SET

#### PLUMBING/GAS NOTES

- DIMENSION SHOWN ARE FROM FINISHED FLOOR & WALLS. MECHANICAL/PLUMBING CONTRACTOR TO DETERMINE, PER APPLICABLE CODES, SIZE & LOCATION OF GREASE
- FINAL CONNECTIONS ARE BY THE PLUMBING CONTRACTOR
- EQUIPMENT IS EXISTING, FUTURE OR SUPPLIED BY OTHERS
- THAN THE KEC. PC TO VERIFY REQUIREMENTS.
- FAUCETS ARE SUPPLIED AND INSTALLED BY KEC AS
- COLD WATER IS ALWAYS ON THE RIGHT.
- DRAIN LINES ARE BY THE PC. PC TO MANIFOLD MULTIPLE WASTE CONNECTIONS AND EXTEND SAFE WASTE OR DIRECT CONNECTIONS AS REQUIRED. KEEP DRAIN LINES UP AND OUT OF THE WAY HAS MUCH AS POSSIBLE.
- PC SHALL PROVIDE AND INSTALL PRESSURE REDUCING VALVES WHERE WATER PRESSURE IS IN EXCESS OF 50 PSI, UNLESS OTHERWISE INDICATED.
- EACH WATER LINE TO HAVE A SEPARATE SHUT-OFF
- 10. THE KEC WILL NOT BE RESPONSIBLE TO FURNISH PLUMBING COMPONENTS SUCH AS MIXING VALVES, ELBOWS, SHUT-OFF VALVES, COUPLINGS, FITTINGS, OTHER THAN THOSE FURNISHED AS STANDARD WITH THE EQUIPMENT OR EXCEPT AS SPECIFIED.
- 11. STUB-UP WATER LINES TO BE CUT AT 4"AFF SO EQUIPMENT CAN BE SET IN PLACE.
- 12. QUICK DISCONNECT GAS & WATER HOSE, WHEN SPECIFIED. ARE PROVIDED BY KEC & INSTALLED BY PC.
- 13. PC TO INSTALL ALL WALL MOUNTED PROVISIONS AFTER S/S WALL PANELS HAVE BEEN INSTALLED. 14. WATER QUALITY TESTING BY OTHERS. REFER TO
- MANUFACTURER SPEC SHEET FOR ACCEPTABLE LEVELS OF WATER HARDNESS.
- 15. PC SHALL FURNISH & INSTALL INTERCONNECTING PIPING FROM BOOSTER HEATER TO DISH MACHINE. 16. DRAIN TEMP KIT FOR DISH MACHINE IS SUPPLIED BY KEC AS
- SPECIFIED AND THE COMPONENTS ARE INSTALLED BY THE 17. DISPOSER(S) ARE SUPPLIED AND INSTALLED BY KEC AS
- SPECIFIED. PIPING FROM ROUGH-IN TO DISPOSER BY PC. PIPING FROM DISPOSER TO SINK BASIN BY KEC. 18. WATER FILTERS ARE SUPPLIED AND INSTALLED BY KEC AS SPECIFIED. PIPING FROM ROUGH-IN TO FILTER INLET AND
- FROM FILTER TO EQUIPMENT BY PC. 19. ALL COOKING EQUIPMENT MUST BE SHUT-OFF AUTOMATICALLY PER NFPA CODES. GAS SHUT-OFF VALVE SUPPLIED BY KEC, INSTALLED BY PC IN ACCESSIBLE AREA.
- SEE GAS DETAIL FOR VALVE TYPE. 20. DO NOT RUN GAS LINE BEHIND HOOD, PIPE GAS LINE AFTER EXHAUST HOOD IS HUNG OR COORDINATE WITH KEC PRIOR TO ROUGH-IN. GAS PRESSURE TO BE 1/2 LB FOR KITCHEN EQUIPMENT.
- CONDENSATE DRAIN LINE FROM EVAP COILS IN WALK-IN BOX TO FLOOR DRAIN IS BY THE PC. DRAIN TO BE INSTALLED WITH A SLOPE OF 1" PER LINEAR FOOT OF PIPING.
- 22. HEAT TRACE IN THE FREEZER COMPARTMENT IS BY THE EC. INSULATION OF DRAIN LINE IS BY THE PC. IF DRAINING TO EXTERIOR OF BUILDING BOTH COOLER AND FREEZER LINES NEED TO BE INSULATED.
- 23. GC TO PROVIDE A 3" X 3" CHASE FOR REFRIGERATION LINES, AS STRAIGHT AS POSSIBLE FROM WALK-IN TO CONDENSER
- 24. FLOOR TROUGHS ARE FURNISHED BY THE KEC, INSTALLED BY THE GC. PC TO CONNECT ROUGH-INS.
- 25. PC TO PROVIDE AND INSTALL 6" PVC CONDUIT FROM BAG-IN-BOX AREA TO ANY SODA DISPENSER LOCATION. ALL TURNS MUST BE 24" RADIUS SWEEPS. WITHIN THE PVC LINE PROVIDE A PULL LINE 1/2" THICK OR LESS FROM BEGINNING TO END. INSTALLER TO VERIFY SIZE OF CONDUIT WITH VENDOR.
- 26. SEE SHOP DRAWINGS FOR EXACT PLUMBING REQUIREMENTS
- 27. PC TO REUSE EXISTING UTILITIES AT THEIR DISCRETION AS LONG AS THEY ARE WITHIN CLOSE ENOUGH PROXIMITY AND OF CORRECT SIZE. MUST NOT IMPEDE OPERATION OF ANY EQUIPMENT WITHIN THE DESIGN.

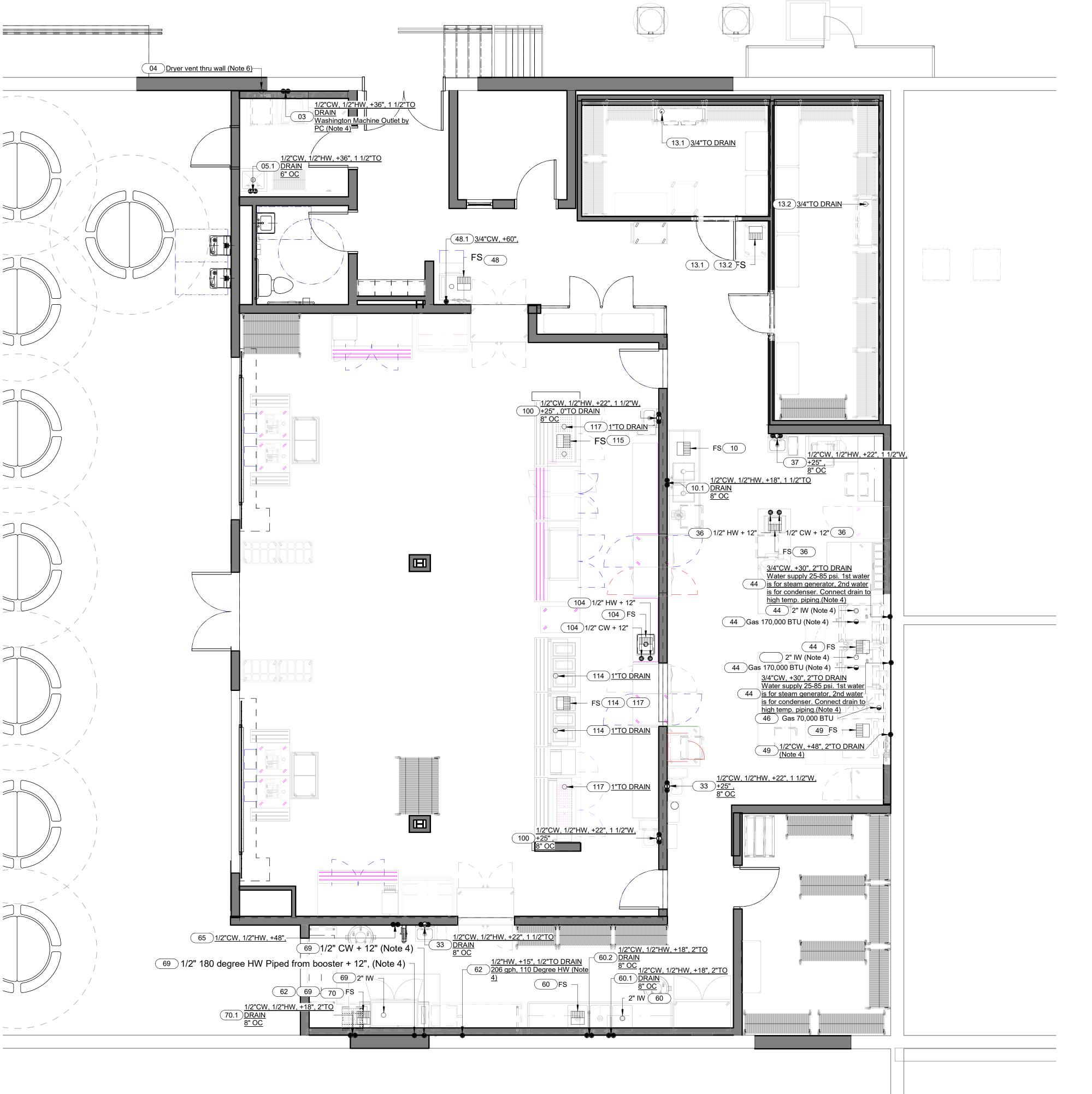
Food Court Equipment Schedule
FOOD COURT EQUIDITIES CONTROLLE

Item#	Qty.	Description	Key
100	2	Hand Sink, Wall Mounted	NEW-PC
101	1	Spare Number	SPARE NUMBER
102	2	Work Table	NEW-BY OWNER
103	2	Warming Cabinet, Pass-Thru	NEW-BY OWNER
104	1	Work Table, Stainless Steel w/Sink	NEW-BY OWNER
104.1	1	Faucet, Deck Mount	NEW-BY OWNER
105	2	Refrigerator, Pass-Thru	NEW-BY OWNER
106	1	Utility Counter	NEW-BY OWNER
107	1	Designer Merchandising Warmers - Sandwich Slide	NEW-BY OWNER
108	2	Refrigerator, Pass-Thru	NEW-BY OWNER
109	1	Spare Number	SPARE NUMBER
110	1	Spare Number	SPARE NUMBER
111	1	Utility Counter	NEW-BY OWNER
112	2	Breath Protector, Operator Serve	NEW-BY OWNER
113	1	Two-Tier Display Case	NEW-BY OWNER
114	2	Heated Serving Counters	NEW-BY OWNER
115	2	Breath Protector, Operator Serve	NEW-BY OWNER
116	2	Vertical Heated Cabinet	NEW-BY OWNER
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124	2	Chip Rack	BY VENDOR
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126	4	POS Station	BY OWNER
127	4	Cashier Counter	NEW-BY OWNER
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129	1	Soft Pretzel Warmer	NEW-BY OWNER
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#### CAFETERIA RENOVATION

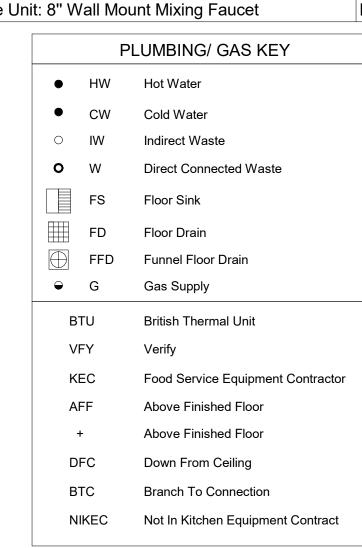
## CF Patton Middle School

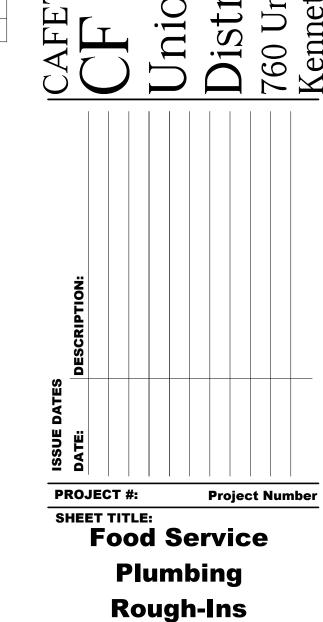
### Unionville Chadds Ford School District



Item#		Description	Key
01	1	Wall Cabinet	NEW-GC
02 03	1	Work Table, Mobile and Side Splash Washer	NEW-GC BY OWNER
03 04	1	Dryer	BY OWNER
05	1	Mop Sink	NEW-PC
05.1	1	Service Sink Faucet	NEW-PC
06	1	Shelving, Wire, Mobile, 5-Tier, Epoxy Coated	NEW-BY OWNER
07	1	Stainless Steel Mop Hanger	NEW-GC
08 09	2	Service Cart Wall Shelf (Stacked)	NEW-BY OWNER NEW-BY OWNER
09 10	1	Wall Shelf (Stacked) Vegetable Prep Sink	NEW-BY OWNER
10.1	1	Wall Mount Mixing Faucet.	NEW-BY OWNER
11	1	Food Processor	NEW-BY OWNER
12	1	Sheet Pan Rack	NEW-BY OWNER
13	1	Walk In Combination	NEW-GC
13.1	1	Evaporator, Cooler	NEW-GC
13.2	1	Evaporator, Freezer	NEW-GC
13.3 13.4	1	Condenser, Cooler Condenser, Freezer	NEW-GC
13.4 14	3	Shelving, Wire, Mobile, 5-Tier, Epoxy Coated	NEW-BY OWNER
15	6	Shelving, Wire, Mobile, 5-Tier, Epoxy Coated	NEW-BY OWNER
16	2	Shelving, Wire, Mobile, 4-Tier, Epoxy Coated	NEW-BY OWNER
17	2	Shelving, Wire, Mobile, 5-Tier, Epoxy Coated	NEW-BY OWNER
18	3	Dunnage Rack	NEW-BY OWNER
19	1	Shelving, Wire, Mobile, 5-Tier, Epoxy Coated	NEW-BY OWNER
20 21	2	Shelving, Wire, Mobile, 5-Tier, Epoxy Coated Stainless Steel Microwave Shelf	NEW-BY OWNER NEW-BY OWNER
21 22	2	Dunnage Rack	NEW-BY OWNER
23	1	Slicer	EXISTING/RELOCATE
24	1	Wall Shelf	NEW-BY OWNER
25	1	Work Table w/Drawer	EXISTING/RELOCATE
26	1	Work Table, Mobile	NEW-BY OWNER
27	1	Food Cutter	EXISTING/RELOCATE
28 29	2	Wall Shelf	NEW-BY OWNER NEW-BY OWNER
29 30	1	Dunnage Rack Spare Number	SPARE NUMBER
31	1	Work Table, Mobile	NEW-BY OWNER
32	1	Microwave Oven	NEW-BY OWNER
33	2	Hand Sink	NEW-PC
34	5	Trash Container	NEW-BY OWNER
35	1	Work Table w/Drawers	EXISTING/RELOCATE
36 36.1	1	Work Table w/Sink & Drawers  Deck Mount Faucet	NEW-BY OWNER
36.1 37	1	Deck Mount Faucet Hand Sink W/Eye Wash Station	NEW-BY OWNER NEW-PC
38	1	Spare Number	SPARE NUMBER
39	1	Pizza Prep Table	NEW-BY OWNER
40	1	Refrigerator, Reach In	NEW-BY OWNER
41	1	Exhaust Hood w/Return Air Chamber	NEW-GC
41.1	1	Exhaust Fan	NEW-HVAC
41.2	1	MUA Fan Hood Control Panel	NEW-HVAC NEW-GC
41.3 42	1	Fire Suppression System	NEW-GC
+2 43	2	Combi Oven Stand w/Slides	EXISTING/RELOCATE
44	2	Oven-Steamer, Combination, Gas	EXISTING/RELOCATE
45	2	Combi Oven Water Filter	NEW-BY OWNER
46	1	Heavy Duty Range	NEW-BY OWNER
47	1	Spare Number	SPARE NUMBER
48	2	Ice Machine W/Bin	NEW-BY OWNER
48.1 49	1	Ice Machine Water Filter Convection Steamer	NEW-BY OWNER EXISTING/RELOCATE
49 50	1	Steamer Filter	NEW-BY OWNER
50 51	1	Freezer, Reach In	NEW-BY OWNER
52	3	Dunnage Rack	NEW-BY OWNER
53	2	Shelving, Wire, Mobile, 5-Tier, Epoxy Coated	NEW-BY OWNER
54	1	Spare Number	SPARE NUMBER
55	1	Spare Number	SPARE NUMBER
56 57	6	Shelving, Wire, Mobile, 5-Tier, Epoxy Coated  Mobile Can Rack	NEW-BY OWNER
57 58	2	Mobile Can Rack Trash Can	NEW-BY OWNER BY OWNER
58 59	1	Wall Shelf	NEW-BY OWNER
60	1	Three Compartment Sink	NEW-BY OWNER
60.1	1	Wall Mount Faucet	NEW-PC
60.2	1	Pre-Rinse Unit: 8" Wall Mount Mixing Faucet	NEW-PC
61	1	Freezer, Reach-In	EXISTING/RELOCATE
62	1	Booster Heater, Imperial	EXISTING/RELOCATE
63 64	1	Wall Shelf Tray & Silverware Cart, Mobile	NEW-BY OWNER NEW-BY OWNER
04 65	1	Tray & Silverware Cart, Mobile Hose Reel	NEW-BY OWNER
66	1	Spare Number	SPARE NUMBER
67	1	Clean Dishtable	NEW-BY OWNER
68	1	Wall Mounted Tray Dryer	NEW-BY OWNER
69	1	Rack Conveyor Dishwasher	EXISTING/RELOCATE
69.1	1	Dishwasher Exhaust Fan	NEW-HVAC
	<b>∣1</b>	Soiled Dishtable w/Pass-Thru	NEW-BY OWNER
70 70.1	1	Pre-Rinse Unit: 8" Wall Mount Mixing Faucet	NEW-BY OWNER

Kitchen Equipment Schedule





Kitchen & Food Court Plumbing 1/4" = 1'-0"

**CONFORMED SET** 

QF-4.1

CAFETERIA RENOVATION Kitchen Equipment Schedule CF Patton Middle School of the Control of the Contr Key **ELECTRICAL NOTES NEW-GC** Work Table, Mobile and Side Splash NEW-GC DIMENSIONS ABOVE FINISHED FLOOR ARE TO THE CENTER LINE OF BY OWNER JUNCTION BOXES AND RECEPTACLES. FINAL CONNECTIONS TO THE KITCHEN EQUIPMENT ARE BY THE BY OWNER ELECTRICAL CONTRACTOR [EC]. Mop Sink NEW-PC ELECTRICAL REQUIREMENTS ARE INDICATED TO ACCOMMODATE NEW-PC Service Sink Faucet KITCHEN EQUIPMENT. REFER TO CONTRACT ELECTRICAL Shelving, Wire, Mobile, 5-Tier, Epoxy Coated **NEW-BY OWNER** Unionville Chadds Ford School District DRAWINGS FOR ALL OTHER REQUIREMENTS. Stainless Steel Mop Hanger NEW-GC EQUIPMENT IS EXISTING, FUTURE OR SUPPLIED BY OTHERS THAN THE KEC. VERIFY REQUIREMENTS. Service Cart **NEW-BY OWNER** EC TO SUPPLY & INSTALL DISCONNECTS IF REQUIRED FOR CODE Wall Shelf (Stacked) **NEW-BY OWNER** PURPOSES. DISCONNECTS, IF REQUIRED, SHOULD BE INSTALLED Vegetable Prep Sink **NEW-BY OWNER** AFTER EQUIPMENT IS SET IN PLACE OR COORDINATED WITH KEC Wall Mount Mixing Faucet. **NEW-BY OWNER** AS TO LOCATION OF PLACEMENT IF INSTALLED PRIOR TO KITCHEN **EQUIPMENT INSTALL** Food Processor **NEW-BY OWNER** MAX HEIGHT OF FLOOR RECEPTACLES IS 5-1/2" AFF. Sheet Pan Rack **NEW-BY OWNER** VERIFY DATA REQUIREMENTS WITH OWNER NEW-GC Walk In Combination THE KEC WILL NOT BE RESPONSIBLE TO FURNISH ELECTRICAL Evaporator, Cooler NEW-GC COMPONENTS SUCH AS LINE OR DISCONNECT SWITCHES. SAFETY **NEW-GC** Evaporator, Freezer CUT-OUTS, CONTROL PANELS, FUSE BOXES, FITTINGS, OR WIRINGS OTHER THAN THOSE FURNISHED STANDARD WITH THE EQUIPMENT **NEW-GC** 13.3 Condenser, Cooler OR EXCEPT AS SPECIFIED NEW-GC Condenser, Freezer EC TO PROVIDE EMPTY BOX SIZED AND SHAPED PER FIRE SYSTEM **NEW-BY OWNER** Shelving, Wire, Mobile, 5-Tier, Epoxy Coated INSTALLER. AT HEIGHT REQUIRED BY LOCAL CODE, IN WALL WITH Shelving, Wire, Mobile, 5-Tier, Epoxy Coated **NEW-BY OWNER** EMPTY CONDUIT TO ABOVE FINISHED CEILING FOR FIRE **NEW-BY OWNER** Shelving, Wire, Mobile, 4-Tier, Epoxy Coated SUPPRESSION PULL STATION CABLE 10. EC TO INSTALL RECEPTACLES/FACEPLATES & OTHER WALL Shelving, Wire, Mobile, 5-Tier, Epoxy Coated **NEW-BY OWNER** MOUNTED PROVISIONS AFTER S/S WALL PANELS HAVE BEEN 13.1 208/1, 1 A, +108" 120 W Dunnage Rack **NEW-BY OWNER** <sup>1</sup>120/208, 4400 W., (Note 4) Shelving, Wire, Mobile, 5-Tier, Epoxy Coated **NEW-BY OWNER** 11. EC TO SUPPLY A FAN SWITCH FOR THE DISH MACHINE Shelving, Wire, Mobile, 5-Tier, Epoxy Coated **NEW-BY OWNER** CONDENSATE EXHAUST HOOD & INTERCONNECT WITH EXHAUST FAN. VERIFY SWITCH LOCATION. OR EC TO INTERCONNECT VENT Stainless Steel Microwave Shelf **NEW-BY OWNER** FAN CONTROL IN DISH MACHINE CONTROL PANEL TO EXHAUST FAN. NEW-BY OWNER Dunnage Rack COORDINATE WITH KEC. 13.2) 208/1, 14 A, +108" 2917 W EXISTING/RELOCATE Slicer 12. EC TO PROVIDE LIGHT SWITCH FOR DISH MACHINE CONDENSATE Wall Shelf **NEW-BY OWNER** EXHAUST HOOD & INTERCONNECT WITH THE LIGHT JUNCTION BOX ON TOP OF THE HOOD. VERIFY SWITCH LOCATION. Work Table w/Drawer EXISTING/RELOCATE 13. DRAIN TEMP KIT FOR DISH MACHINE SUPPLIED & INSTALLED BY (13.4) **NEW-BY OWNER** Work Table, Mobile EXISTING/RELOCATE Food Cutter ROUGH-IN AS SHOWN. WHEN EQUIPMENT IS SET-IN-PLACE, Wall Shelf **NEW-BY OWNER** ELECTRICIAN TO INTERCONNECT BETWEEN STUB-UP AND **NEW-BY OWNER EQUIPMENT** Dunnage Rack 15. EXHAUST HOOD CONTROL PANEL IS SUPPLIED BY THE KEC AND SPARE NUMBER Spare Number WALL MOUNTED IN THE KITCHEN BY THE KEC. SEE EXHAUST HOOD 25.7 A. Note 27 Work Table, Mobile **NEW-BY OWNER** MANUFACTURER SHOP DRAWINGS FOR MORE DETAILS & WIRING **NEW-BY OWNER** Microwave Oven - 208/3. 1.1 HP. 6.9 A. Note 27 <sup>32</sup> NEW-PC Hand Sink EC TO INTERCONNECT FROM LIGHT SWITCH IN THE EXHAUST HOOD CONTROL PANEL TO THE LIGHTS ON TOP OF THE HOOD. **NEW-BY OWNER** Trash Container 17. EC TO INTERCONNECT FROM FAN SWITCH IN THE EXHAUST HOOD Work Table w/Drawers EXISTING/RELOCATE CONTROL PANEL TO THE EXHAUST FAN(S) (AND MUA). SEE HOOD Work Table w/Sink & Drawers NEW-BY OWNER MANUFACTURER SHOP DRAWINGS FOR MORE DETAILS. IF VFD Deck Mount Faucet NEW-BY OWNER CONTROLS ARE PROVIDED EC MUST BRING POWER FROM BREAKER TO CONTROL PANEL AND THEN FROM CONTROL PANEL TO ROOF Hand Sink W/Eye Wash Station NEW-PC TEMP SENSOR FOR EXHAUST FAN IS FACTORY INSTALLED INSIDE SPARE NUMBER Spare Number THE EXHAUST COLLAR(S). EC TO INTERCONNECT FROM TEMP Pizza Prep Table **NEW-BY OWNER** 126) 120/1, 16 A, +5" SENSOR TO CONTROL PANEL. CABLE WIRE IS PROVIDED BY THE 117 120/1, 7 A, +5" 1/4 HP **NEW-BY OWNER** Refrigerator, Reach In EXHAUST HOOD MANUFACTURER. ROOM TEMP SENSOR SHIPPED Also include Data line Exhaust Hood w/Return Air Chamber **NEW-GC 125** )120/1, 5 A, +5" LOOSE WITH HOOD. EC TO MOUNT ROOM TEMP SENSOR. VERIFY LOCATION WITH FOOD SERVICE DRAWINGS. Exhaust Fan **NEW-HVAC** 120/1, 16.0A 126 126 120/1, 16 A, +5" Also include Data line 19. ALL COOKING EQUIPMENT MUST SHUT-OFF AUTOMATICALLY PER DCR + 48" ------41.2 1 **NEW-HVAC** MUA Fan 27 <u>120/1, 10 A, +48"</u> NFPA CODES UTILIZING SHUNT-TRIP BREAKERS OR CONTRACTORS: **NEW-GC** 41.3 Hood Control Panel 120/1, 16.0 A., DCR + 48" -AS FURNISHED & INSTALLED BY THE EC. **NEW-GC** Fire Suppression System EC TO INTERCONNECT FROM FIRE SUPPRESSION SYSTEM 116 120/1, 12 A, +5" (Note 14) 120/1, 16.0A EXISTING/RELOCATE CONTACTS TO BUILDING ALARM. SHUNT-TRIP BREAKERS. AND Combi Oven Stand w/Slides EXHAUST FAN CONTROL PANEL IF NECESSARY. COORDINATE WITH Oven-Steamer, Combination, Gas EXISTING/RELOCATE Combi Oven Water Filter **NEW-BY OWNER** 21. CONTROL WIRING FROM FREEZER CONDENSING UNIT TO FREEZER 105 <u>120/1, 5 A, +90"</u> 40 <u>120/1, 5 A, +90"</u> Heavy Duty Range NEW-BY OWNER EVAP COIL IS BY THE EC. PULL 8 WIRES PLUS GROUND, 12AWG Spare Number SPARE NUMBER EXTRA LIGHT FIXTURES IN THE WALK-IN BOX ARE SUPPLIED AND 120/1, 12.4 A., Ice Machine w/Bin **NEW-BY OWNER** INSTALLED BY THE KEC. EC TO INTERCONNECT LIGHT FIXTURES TO 107 1490 W., **NEW-BY OWNER** Ice Machine Water Filter 39 <u>120/1, 6 A, +24"</u>-+ 5", (Note -----LIGHT SWITCH. EXISTING/RELOCATE Convection Steamer 23. EC TO CAULK PENETRATIONS INSIDE AND OUT OF SEALTIGHT TO **NEW-BY OWNER** Steamer Filter PREVENT WARM AIR FROM ENTERING WALK-IN BOX. 120/1, 16.0A (43)<u>120/1, 15 A, +36"</u> HEAT TRACE TO BE APPLIED TO CONDENSATE DRAIN LINE IN THE DCR + 48" **⋈** 120/1, 16.0 A., Freezer, Reach In **NEW-BY OWNER** WALK-IN FREEZER BY EC. POWER FOR HEAT TRACE IS PULLED **NEW-BY OWNER** Dunnage Rack 23 <u>)120/1, 6 A, +4"</u>-FROM THE FREEZER CONDENSING UNIT. POWER FOR HEAT TRACE Shelving, Wire, Mobile, 5-Tier, Epoxy Coated **NEW-BY OWNER** ≅<del>-</del> 120/1, 16.0 A., IS FROM 208V RECEPTACLE IN THE FREEZER, PROVIDED & SPARE NUMBER 43 <u>)120/1, 15 A, +36"</u> Spare Number INSTALLED BY EC. 114 <u>120/1, 16 A, +0"</u> SPARE NUMBER SEE SHOP DRAWINGS FOR EXACT ELECTRICAL REQUIREMENTS Spare Number EC TO REUSE EXISTING UTILITIES AT THEIR DISCRETION AS LONG Shelving, Wire, Mobile, 5-Tier, Epoxy Coated **NEW-BY OWNER** AS THEY ARE WITHIN CLOSE ENOUGH PROXIMITY AND OF CORRECT **NEW-BY OWNER** Mobile Can Rack SIZE. MUST NOT IMPEDE OPERATION OF ANY EQUIPMENT WITHIN • BY OWNER Trash Can THE DESIGN 114 120/1, 16 A, +5" 120/208 Wall Shelf **NEW-BY OWNER** ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL AN APPROVED DISCONNECT SWITCH. LOCATION MUST BE VERIFIED. **NEW-BY OWNER** Three Compartment Sink 105 <u>120/1, 5 A, +90"</u> NEW-PC Wall Mount Faucet 20/1, 16.0 A., DCR + 48" DCR + 48" Pre-Rinse Unit: 8" Wall Mount Mixing Faucet NEW-PC 126 <u>120/1, 16 A, +5"</u> 32 <u>120/1, 13 A, +60"</u> Food Court Equipment Schedule Freezer, Reach-In EXISTING/RELOCATE <sup>/</sup>Also, include Data line Item # | Qty. Description Booster Heater, Imperial EXISTING/RELOCATE 120/1, 16.0 A., 126 120/1, 16 A, +5" Also include Data line NEW-PC Hand Sink, Wall Mounted Wall Shelf **NEW-BY OWNER** 51 <u>120/1, 8 A, +90"</u> DCR + 48" -SPARE NUMBER 101 Spare Number Tray & Silverware Cart, Mobile **NEW-BY OWNER** 117 120/1, 7 A, +5" 1/4 HP 102 Work Table **NEW-BY OWNER** Fan control panel by **NEW-BY OWNER** Hose Reel Warming Cabinet, Pass-Thru **NEW-BY OWNER** Spare Number SPARE NUMBER See Notes 17, 18 & 20 104 Work Table. Stainless Steel w/Sink **NEW-BY OWNER** NEW-BY OWNER Clean Dishtable 104.1 1 Faucet, Deck Mount NEW-BY OWNER Wall Mounted Tray Dryer **NEW-BY OWNER** ( 119 )<u>208/1, 19 A, +48"</u> Refrigerator, Pass-Thru NEW-BY OWNER Rack Conveyor Dishwashe EXISTING/RELOCATE –( 118 )<u>120/1, 8 A, +90"</u>∠ 120/1, 16.0 A., DCR + 48" 106 1 Dishwasher Exhaust Fan **NEW-BY OWNER NEW-HVAC** Utility Counter Designer Merchandising Warmers - Sandwich Slide NEW-BY OWNER Soiled Dishtable w/Pass-Thru **NEW-BY OWNER** 108 NEW-BY OWNER **NEW-BY OWNER** Refrigerator, Pass-Thru Pre-Rinse Unit: 8" Wall Mount Mixing Faucet ELECTRICAL KEY 109 Spare Number SPARE NUMBER Spare Number SPARE NUMBER Junction Box NEW-BY OWNER Utility Counter Duplex Receptacle 112 2 Breath Protector, Operator Serve NEW-BY OWNER 69 208/3, 55 A, +60" 2 1/6 HP, 15 KW, (Note 4) Single Receptacle 113 1 Two-Tier Display Case **NEW-BY OWNER** Heated Serving Counters NEW-BY OWNER Duplex Convenience Receptacle **NEW-BY OWNER** Breath Protector, Operator Serve 62 <u>208/3, 100 A,</u> 36.0 KW, (Note 4) Single Convenience Receptacle Vertical Heated Cabinet **NEW-BY OWNER** Duplex Receptacle Pedestal Refrigerated Serving Counter **NEW-BY OWNER** Pass-Thru Display Case, Vertical **NEW-BY OWNER** ▲ DA **NEW-BY OWNER** Conveyor Toaster SPARE NUMBER Spare Number KW Kilowatts 121 2 **NEW-BY OWNER Utility Counter** Spare Number SPARE NUMBER 123 1 **NEW-BY OWNER** Work Table 124 2 Chip Rack BY VENDOR EXISTING/RELOCATE Milk Cooler Kitchen Equipment Contractor PROJECT #: Project Number 126 4 BY OWNER POS Station

Cashier Counter

Soft Pretzel Warmer

Spare Number

Utility Counter

128

129 1

130 1

**NEW-BY OWNER** 

SPARE NUMBER

NEW-BY OWNER

NEW-BY OWNER

Kitchen & Food Court Electric

1/4" = 1'-0"

**CONFORMED SET** 

Food Service

**Electrical** 

**Rough-Ins** 

**QF-5.1** 

Top of Hood

Above Finished Floor

Above Finished Floor

Down From Ceiling

Above Finished Ceiling

Branch To Connection

Not In Kitchen Equipment Contract