GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH THE RULES AND REGULATIONS OF THE STATE THE PROJECT RESIDES IN AND ALL OTHER AUTHORITIES HAVING JURISDICTION.
2. SHOULD THE GENERAL CONTRACTOR DISCOVER ANY DISCREPANCIES OR AMBIGUITIES OF DATA THAT CAUSE DOUBT AS TO THE MEANING OF ANY DRAWING MATERIAL OR SPECIFICATIONS, THE G.C. SHALL NOTIFY elite | studio e AND REQUEST CLARIFICATION PRIOR TO PROCEEDING.
3. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR OBTAINING AND/OR PAYING FOR ALL PERMITS, CERTIFICATES, GUARANTEES ETC., AS ARE REQUIRED BY LOCAL AUTHORITIES HAVING JURISDICTION, AND DELIVER THESE TO THE OWNER UPON COMPLETION OF THE WORK. THE G.C. SHALL ARRANGE AND COORDINATE INSPECTION OF THE WORK BY BUILDING OFFICIALS. THE G.C. SHALL BE HELD RESPONSIBLE FOR ANY VIOLATIONS ARISING FROM LACK OR PERMIT(S). CONDEMNED WORK OR FINES.
4. ALL WORK IS TO BE PERFORMED IN ACCORDANCE WITH THE GENERAL CONDITIONS OF THE CONSTRUCTION CONTRACT.
5. ALL WORKERS EMPLOYED BY THE GENERAL CONTRACTOR AND ANY SUBCONTRACTOR EMPLOYED BY THE G.C. SHALL BE SKILLED AT THE WORK TO WHICH THEY ARE ASSIGNED. ALL TRADES MUST PROVIDE EVIDENCE OF WORKERS COMPENSATION AND LIABILITY INSURANCE IN FORCE.
6. ALL MATERIAL STORED ON THE SITE SHALL BE ADEQUATELY PROTECTED AGAINST DAMAGE, WEATHER, AND THEFT. FINISHED WORK IS TO BE PROTECTED AGAINST DAMAGE FROM OTHER WORK IN PROGRESS. REPAIR AND / OR REPLACEMENT OF DAMAGED WORK OR MATERIAL SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AT NO COST TO THE OWNER.
7. THE PROJECT SITE IS TO BE KEPT REASONABLY CLEAN AND ALL LOOSE TRASH IS TO BE CONTAINED IN AN ON-SITE DUMPSTER WHICH SHALL BE EMPTIED WHEN FULL.
8. THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS, QUANTITIES AND DETAILS IN THE FIELD.
9. NO CHANGES TO DRAWINGS, DETAILS AND/OR SPECIFICATIONS SHALL BE MADE BY THE GENERAL CONTRACTOR WITHOUT THE EXPRESSED CONSENT FROM elite | studio e.
10. THE GENERAL CONTRACTOR SHALL HAVE SOLE RESPONSIBILITY FOR THE SAFETY OF THE CONSTRUCTION OPERATION.
11. elite | studio e SHALL HAVE NO CONTROL OVER AND SHALL HAVE NO RESPONSIBILITY FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES AND PROCEDURES USED BY THE G.C. AND / OR ANY SUBCONTRACTORS EMPLOYED BY THE G.C. OR THE OWNER.
12. elite | studio e HAS NO RESPONSIBILITY FOR ANY ACTIONS OR OMISSIONS OF THE GENERAL CONTRACTOR OR HIS SUBCONTRACTORS OR THE FAILURE TO PERFORM WORK ACCORDING TO THE CONTRACT DOCUMENTS.
13. ALL ITEMS / NOTES ON DRAWINGS OF THE ARCHITECT OR THE ENGINEER[S] ARE PART OF THE CONTRACT DOCUMENTS.
14. ALL FILING, PERMITS, AND INSPECTIONS ARE THE RESPONSIBILITY OF THE ARCHITECT / GENERAL CONTRACTOR AS APPROPRIATE EXCEPT FOR THE FIRE SUPPRESSION SYSTEM AND HEALTH DEPARTMENT. FIRE SUPPRESSION SYSTEM FILING IS BY FIRE SUPPRESSION SYSTEM CONTRACTOR & HEALTH DEPARTMENT PERMIT IS BY FOODSERVICE OPERATOR.
15. ALL INTERIOR WALL, EXTERIOR WALL, FLOOR, AND ROOF PENETRATIONS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. ALL PENETRATIONS SHALL BE PROPERLY SEALED BY THE PARTY MAKING SUCH PENETRATIONS.
16. IT IS THE RESPONSIBILITY OF THE ARCHITECT/ MECHANICAL ENGINEER TO DETERMINE IF ADEQUATE VENTILATION EXISTS FOR FOODSERVICE REFRIGERATION COMPONENTS.
17. IT IS THE RESPONSIBILITY OF ARCHITECT / STRUCTURAL ENGINEER TO ENSURE THAT FOODSERVICE EQUIPMENT WEIGHT LOADS CAN BE SUPPORTED BY BUILDING STRUCTURE. THIS INCLUDES, BUT IS NOT LIMITED TO, ALL ROOF MOUNTED, CEILING HUNG, AND WALL-HUNG FOODSERVICE EQUIPMENT.
18. ASBESTOS TESTING AND ABATEMENT SHALL BE THE RESPONSIBILITY OF OTHERS UNLESS OTHERWISE INDICATED.
19. FOODSERVICE EQUIPMENT CUT BOOK IS PART OF THE CONTRACT DOCUMENTS. PLEASE CONTACT elite | studio e IF NOT PROVIDED WITH DRAWING SET.
20. ROUGH-IN INFORMATION IS FOR FOODSERVICE EQUIPMENT ONLY AND MUST BE USED IN CONJUNCTION WITH THE PROJECT'S FINAL CONTRACT DOCUMENTS.

ELECTRICAL NOTES

1. THESE DRAWINGS SHOW ELECTRICAL REQUIREMENTS FOR FOODSERVICE ONLY [UNLESS OTHERWISE ILLUSTRATED]. FOR ALL OTHER REQUIREMENTS SEE ARCHITECTURAL / ENGINEERING DRAWINGS.
2. ALL PREVAILING LOCAL ELECTRICAL CODES TO BE ADHERED TO.
3. ELECTRICIAN TO PROVIDE ALL ROUGH-IN AND FINAL CONNECTIONS TO EQUIPMENT. ELECTRICIAN TO FURNISH ALL TRIM ACCESSORIES, DISCONNECTS, CONTACTORS, SWITCHES, RELAYS, ELECTRICAL WHIPS, ETC. ELECTRICIAN TO PROVIDE CORD AND PLUG AS REQUIRED OR MAKE DIRECT CONNECTION TO EACH ELECTRICAL ITEM.
4. ELECTRICIAN TO FURNISH AND INSTALL CONDUITS AND SLEEVES FOR WALK-IN BOX ITEM[S]. [IF APPLICABLE]
5. ELECTRICIAN TO SEAL ALL ELECTRICAL PENETRATIONS INTO WALK-IN BOXES. [IF APPLICABLE]
6. ALL WIRING TO BE CONCEALED IN PROTECTIVE OUTER CASING SUCH AS 'SEAL TIGHT' OR 'BX'. SEAL TIGHT IS THE PREFERRED METHOD WHENEVER POSSIBLE.
7. ALL DIMENSIONS ARE TO CENTERLINE OF ELECTRICAL BOXES FROM FINISHED WALLS, COLUMNS, OR FLOORS.
8. ELECTRICIAN TO FURNISH AND INSTALL ALARM SYSTEM IF REQUIRED BY LOCAL CODES AND SHALL ALSO BE RESPONSIBLE TO TIE IN FIRE SUPPRESSION SYSTEMS TO ALARM SYSTEM. [WHERE APPLICABLE]
9. ELECTRICAL ENGINEER MUST VERIFY THAT ADEQUATE ELECTRICAL POWER WILL STILL BE PROVIDED FOR ALL FOODSERVICE ITEMS IDENTIFIED AS EXISTING TO REMAIN OR EXISTING / RELOCATED.
10. FIRE SUPPRESSION SYSTEM [WHERE APPLICABLE] ELECTRICAL MICRO-SWITCH SUPPLIED BY FIRE SUPPRESSION SYSTEM CONTRACTOR. MICRO-SWITCH TO BE INSTALLED BY ELECTRICIAN TO SHUT OFF ALL COOKING EQUIPMENT IN CASE OF FIRE.
11. ELECTRICIAN TO SUPPLY & INSTALL SHUNT-TRIP BREAKERS TO ENSURE ELECTRICITY IS CUT OFF TO ANY SERVICES UNDER THE HOOD.
12. ELECTRICIAN TO ENSURE UPON FIRE SUPPRESSION SYSTEM TRIGGER THAT THE EXHAUST FAN COMES ON AT 100% & MAKE-UP AIR FAN SHUTS DOWN UNLESS OTHERWISE DIRECTED BY LOCAL CODE.
13. ALL FINAL CONNECTION DIMENSIONS TO EQUIPMENT ARE TO BE VERIFIED BY ELECTRICIAN.
14. REMOTE SWITCH FOR EXHAUST HOOD LIGHTS TO BE FURNISHED AND INSTALLED BY ELECTRICIAN.
15. ELECTRICIAN SHALL BE RESPONSIBLE FOR WIRING & MOUNTING OF ALL REMOTE SWITCHES / BALLASTS FOR FOODSERVICE EQUIPMENT AND / OR CASEWORK. LOCATION TO BE COORDINATED WITH F.S.E.C.
16. ELECTRICIAN TO VERIFY ELECTRICAL REQUIREMENTS FOR ALL NEW OR EXISTING / RELOCATED FOODSERVICE EQUIPMENT SUPPLIED BY "OWNER", "VENDOR", "FOODSERVICE MANAGEMENT COMPANY" OR BY "OTHERS".
17. ELECTRICIAN TO PROVIDE ALL FINAL CONNECTIONS AND INTERCONNECTIONS / CONTROL WIRING AS REQUIRED TO WALK-IN COMPONENTS. THIS INCLUDES, BUT IS NOT LIMITED TO, TIME CLOCK, DOOR HEATERS, LIGHTS, AND DRAIN LINE HEATER.
18. ELECTRICIAN TO CONFIRM THAT ALL elite | studio e SPECIFIED ELECTRICAL FIXTURES MEET LOCAL CODE REQUIREMENTS.
19. ELECTRICAL LOAD PANELS FOR FOOD SERVICE EQUIPMENT: ELECTRICIAN TO MAKE INTERCONNECTIONS BETWEEN EQUIPMENT AND JUNCTION BOXES / LOAD PANELS AS REQUIRED. ELECTRICIAN TO MAKE ANY CONNECTIONS REQUIRED IF ANY COUNTERS ARE SHIPPED IN SECTIONS.
20. ELECTRICIAN TO FURNISH DEDICATED CIRCUITS FOR ALL FOODSERVICE EQUIPMENT ITEMS. [UNLESS OTHERWISE NOTED]
21. ALL NEW AND / OR EXISTING FOODSERVICE EQUIPMENT ITEMS SHOWN SHALL UTILIZE [WHEREVER FEASIBLE] EXISTING ELECTRICAL POWER SUPPLY LINES, JUNCTION BOXES AND / OR RECEPTACLE OUTLETS. [UNLESS OTHERWISE NOTED]
22. ELECTRICAL CONTRACTOR SHALL FIELD VERIFY ALL REQUIREMENTS FOR RELOCATING EQUIPMENT & UPGRADE AND / OR MODIFY SERVICE AS REQUIRED.
23. ELECTRICIAN TO PREMODE ALL ROUGH-IN AND FINAL CONNECTIONS TO ALL EQUIPMENT, **INCLUDING HEAT LAMPS TO CONTROL BOX AND PENDANT LIGHTS.**
24. ELECTRICIAN TO FURNISH ALL TRIM ACCESSORIES, DISCONNECTS, CONTRACTORS, SWITCHES, RELAYS, ELECTRICAL WHIPS, ETC.
25. ELECTRICIAN TO PREMODE CORD AND PLUG AS REQUIRED OR MAKE DIRECT CONNECTION TO EACH ELECTRICAL ITEM.
26. NATIONAL ELECTRICAL CODE #210.8(B)(2) REQUIRES THAT ALL 15 AMP & 20 AMP, 120 VOLT RECEPTACLES IN NON-DWELLING UNITS (COMMERCIAL & INDUSTRIAL) SHALL BE GFCI PROTECTED. THIS INCLUDES, BUT IS NOT LIMITED TO, WHETHER OR NOT THE RECEPTACLE SERVES COUNTERTOP AREAS. ELECTRICAL ENGINEER AND / OR ELECTRICAL CONTRACTOR TO ENSURE ALL APPLICABLE RECEPTACLES AND / OR CIRCUITS SHOWN WITHIN THESE FOOD SERVICE DESIGN DRAWINGS ARE PROPERLY SPECIFIED, FURNISHED, & INSTALLED TO COMPLY WITH THIS CODE.
27. ELECTRICIAN TO PROVIDE THERMAL OVERLOAD PROTECTORS FOR ALL FAN ON / OFF SWITCHES AND STARTERS AS PER LOCAL CODE.

PLUMBING NOTES

1. THESE DRAWINGS SHOW PLUMBING REQUIREMENTS FOR FOODSERVICE EQUIPMENT ONLY [UNLESS OTHERWISE ILLUSTRATED]. FOR ALL OTHER REQUIREMENTS, SUCH AS TOILET FACILITIES, AREA FLOOR DRAINS OTHER THAN THOSE FOR CODE REASONS - SEE ARCHITECTURAL / ENGINEERING DRAWINGS.
2. ALL PREVAILING LOCAL PLUMBING CODES TO BE ADHERED TO.
3. PLUMBER TO PROVIDE ALL ROUGH-INS AND FINAL CONNECTIONS TO EQUIPMENT. PLUMBER TO FURNISH ALL TRIM ACCESSORIES. VALVE PRESSURE REGULATORS, P-TRAPS, GREASE TRAPS, DRAIN LINES AND BACK FLOW PREVENTION SYSTEM DEVICES, ETC.
4. PLUMBER TO PROPERLY SIZE, FURNISH AND INSTALL ALL STEAM PRESSURE REDUCING VALVES [AS REQUIRED] FOR ALL WAREWASHING MACHINES AND RELATED EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION GUIDELINES. FINAL LOCATION TO BE COORDINATED BETWEEN THE F.S.E.C. AND THE PLUMBER **PRIOR TO INSTALLATION** TO AVOID ANY CONFLICTS ON OR NEAR EQUIPMENT.
5. PLUMBER TO VERIFY SIZE, FURNISH AND INSTALL GREASE TRAPS, FLOOR SINKS, AND FLOOR DRAINS AS REQUIRED BY LOCAL CODE. P-PLANS ILLUSTRATE DIFFERENCES FROM LOCAL CODE PLUMBER MUST NOTIFY elite | studio e.
6. ALL DIMENSIONS ARE FROM FINISHED FLOOR, WALLS, OR COLUMNS TO CENTERLINES OF PLUMBING FIXTURES. ALLOWANCE MUST BE MADE FOR ALL VALVES, TRAPS, AND FITTINGS BETWEEN OUTLETS ON FIXTURES AND ROUGH-IN CONNECTIONS.
7. ALL INDIRECT WASTE LINES SHALL BE EXTENDED TO FLOOR DRAINS AND / OR FLOOR SINKS BY PLUMBING CONTRACTOR. FLOOR SINKS &/OR DRAINS SHALL BE SIZED, FURNISHED, AND INSTALLED BY PLUMBER. PROVIDE AIR GAP ABOVE HIGHEST POINT OF FLOOR SINK OR FLOOR DRAIN.
8. ALL FLOOR DRAINS AND / OR FLOOR SINKS SHOWN ARE DEEMED NECESSARY FOR FOODSERVICE. AREA FLOOR DRAINS FOR GENERAL SANITATION SHALL BE FURNISHED AND INSTALLED BY PLUMBER.
9. MECHANICALLY OPERATED GAS SHUT-OFF VALVE, FOR FIRE SUPPRESSION SYSTEM [IF APPLICABLE] WILL BE FURNISHED BY FIRE SUPPRESSION SYSTEM CONTRACTOR AND INSTALLED BY PLUMBING CONTRACTOR. INSTALLATION TO BE IN MAIN COOKING GAS LINE [ACCESS REQUIRED] TO SHUT OFF ALL COOKING EQUIPMENT IN CASE OF FIRE.
10. ALL FINAL CONNECTION DIMENSIONS TO EQUIPMENT ARE TO BE VERIFIED BY PLUMBER.
11. ALL SHUT-OFF VALVES FOR PLUMBING ITEMS SHALL BE FURNISHED BY PLUMBER [UNLESS OTHERWISE NOTED]. THIS INCLUDES ISOLATION VALVES FOR ALL WATER CONNECTIONS.
12. PLUMBER MUST PROVIDE 120F HOT WATER AT ALL FOOD PREPARATION AND WARE-WASHING SINKS / MACHINES. [UNLESS OTHERWISE NOTED BY LOCAL CODE]
13. PLUMBER MUST SUPPLY OR REDUCE INCOMING HOT WATER TO 110F AT ALL HAND WASHING SINKS. [UNLESS OTHERWISE NOTED BY LOCAL CODE]
14. PLUMBING CONTRACTOR SHALL FIELD VERIFY ALL REQUIREMENTS FOR RELOCATED EQUIPMENT & UPGRADE AND / OR MODIFY SERVICES AS REQUIRED.
15. ALL NEW AND / OR EXISTING FOODSERVICE EQUIPMENT ITEMS SHOWN ON THESE DRAWINGS SHALL UTILIZE [WHEREVER FEASIBLE] EXISTING PLUMBING [WATER / GAS / STEAM SUPPLY / DRAINAGE / RETURN] LINES. [UNLESS OTHERWISE NOTED]
16. PLUMBER TO SEAL ALL PENETRATIONS MADE TO WALK-IN BOXES. [IF APPLICABLE]
17. OPEN AIR SCREEN MERCHANDISERS SHOULD BE PIPED TO FLOOR DRAINS. [WHEREVER POSSIBLE]
18. PLUMBER TO VERIFY PLUMBING REQUIREMENTS FOR ALL NEW OR EXISTING / RELOCATED FOODSERVICE EQUIPMENT SUPPLIED BY "OWNER", "VENDOR", "FOODSERVICE MANAGEMENT COMPANY" OR "BY OTHERS".
19. PLUMBER TO FURNISH AND INSTALL HOT AND COLD WATER LINE CHECK VALVES AT ALL SPRAY SYSTEMS UNIT MIXING VALVES UNLESS OTHERWISE NOTED.

COMMERCIAL KITCHEN VENTILATION (CKV)/HVAC NOTES

1. ALL DUCT WORK SIZING AND ROUTING SHALL BE DETERMINED BY MECHANICAL ENGINEER.
2. ALL EXHAUST AND / OR SUPPLY FAN SIZING, PROVIDING & INSTALLING SHALL BE THE RESPONSIBILITY OF OTHERS. [UNLESS OTHERWISE NOTED]
3. BALANCING OF BUILDING HVAC SYSTEM SHALL BE PERFORMED BY HVAC CONTRACTOR PRIOR TO OCCUPANCY.
4. ALL LOCATIONS OF NEW HVAC SYSTEM DIFFUSERS AND RETURNS SHALL BE VERIFIED BY elite | studio e SINCE IMPROPER LOCATIONS CAN AFFECT THE OPERATION OF FOODSERVICE EQUIPMENT. elite | studio e CANNOT BE HELD RESPONSIBLE FOR EQUIPMENT MALFUNCTION OR LOSS OF PRODUCT DUE TO IMPROPER VENTILATION OUTLET / INLET LOCATIONS.
5. MECHANICAL CONTRACTOR SHALL ENSURE THAT ALL C.K.V. EXHAUST HOODS, DUCTWORK AND FANS NOTED AS EXISTING TO REMAIN ARE FUNCTIONING PROPERLY PRIOR TO OCCUPANCY. MECHANICAL CONTRACTOR / ENGINEER SHALL ALSO CONFIRM THAT CFM'S AND STATIC PRESSURE ARE ADEQUATE FOR NEW EQUIPMENT CONFIGURATION.
6. FURNISHING AND INSTALLING OF ROOF CURBS FOR KITCHEN VENTILATION EXHAUST FANS AND MAKE-UP AIR UNITS SHALL BE THE RESPONSIBILITY OF OTHERS UNLESS OTHERWISE INDICATED.
7. ALL CONTROL WIRING RELATED TO KITCHEN VENTILATION SHALL BE FURNISHED & INSTALLED BY THE MECHANICAL CONTRACTOR. ALL INTERWIRING & FINAL CONNECTIONS SHALL BE BY THE ELECTRICAL CONTRACTOR.
8. UNI-STRUT THREADED ROD AND ALL OTHER ASSOCIATED MATERIAL AND HARDWARE ARE TO BE SUPPLIED AND INSTALLED BY COMMERCIAL KITCHEN VENTILATION CONTRACTOR.
9. HVAC ROOM DIFFUSERS SHALL NOT BE PLACED WITHIN 6' - 0" OF EXHAUST HOODS.
10. FOODSERVICE EQUIPMENT CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING FINAL DUCTWORK SHOP DRAWINGS WITH THE EXHAUST FAN MANUFACTURER FOR FINAL SELECTION & SPECIFICATIONS OF THE EXHAUST FAN[S], MAKE UP AIR FAN[S], AND / OR CONDENSATE FANS].
11. FINAL APPROVAL OF SPECIFICATIONS FOR ANY EXHAUST FANS, MAKE UP AIR UNITS, AND / OR CONDENSATE FANS SHALL BE THE RESPONSIBILITY OF THE MECHANICAL ENGINEER.

FOODSERVICE FIRE SUPPRESSION SYSTEM NOTES

1. ELECTRICIAN TO PROVIDE THE FOLLOWING CIRCUIT AT LOCATION OF FIRE SUPPRESSION SYSTEM: 1 j-B, AT 20 AMPS, 2 j ELECTRICIAN TO WIRE TO BUILDING FIRE ALARM SYSTEM AS REQUIRED.
2. IT IS THE RESPONSIBILITY OF THE ELECTRICIAN / PLUMBER TO ENSURE THE FOLLOWING OCCURS UPON DISCHARGE / ACTIVATION OF FOODSERVICE FIRE SUPPRESSION SYSTEM.
   A. ALL SUPPLIES FEEDING ALL FOODSERVICE EQUIPMENT UNDER HOOD SHALL BE SHUT DOWN. [GAS & ELECTRIC]
   B. ALL MAKE-UP AIR FANS SHALL BE SHUT DOWN. [AS PER LOCAL CODE]
   C. ALL EXHAUST FANS SHALL TURN ON. (AS PER LOCAL CODE)
   D. BUILDING FIRE ALARM SYSTEM WILL ACTIVATE AS REQUIRED.
   E. ALL DRAWINGS, FILING, PERMITS AND TESTING SHALL BE THE RESPONSIBILITY OF FIRE SUPPRESSION CONTRACTOR.
3. ELECTRICIAN TO FURNISH & INSTALL SHUNT-TRIP BREAKER.
4. THE F.S.E.C. SHALL PROPERLY SIZE AND FURNISH ALL GAS SOLENOID VALVES REQUIRED FOR COOKING EQUIPMENT TO THE GENERAL CONTRACTOR FOR INSTALLATION BY THE PLUMBING AND / OR ELECTRICAL CONTRACTORS.

HOISTING & ROOF PENETRATION NOTES

1. WHERE REQUIRED, ALL ROOFTOP MOUNTED FOODSERVICE EQUIPMENT PROVIDED BY FOODSERVICE EQUIPMENT CONTRACTOR SHALL BE HOISTED TO ROOFTOP BY GENERAL CONTRACTOR.
2. FABRICATION OF ROOF CURB, COMPRESSOR RACKS, AND COMPRESSOR MOUNTS / STANDS SHALL BE THE RESPONSIBILITY OF OTHERS UNLESS OTHERWISE INDICATED. AND IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR / ROOFING CONTRACTOR TO INSTALL AND PROVIDE ROOF FLASHING AND PENETRATIONS.
3. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS, SCHEDULING, AND GENERAL COORDINATION OF ALL HOISTING.

EXISTING RELOCATED/DISCARDED FOODSERVICE EQUIPMENT

1. MECHANICAL DATA SHOWN FOR EXISTING / RELOCATED EQUIPMENT IS FOR REFERENCE ONLY. ALL EXISTING / RELOCATED EQUIPMENT, ELECTRICAL AND PLUMBING ROUGH-IN DATA MUST BE VERIFIED IN FIELD BY ELECTRICIAN AND PLUMBER.
2. EXISTING UTILITY CONNECTIONS REMAINING FROM DISCARDED FOODSERVICE EQUIPMENT THAT WILL NO LONGER BE REQUIRED SHALL BE CAPPED IN AN APPROPRIATE MANNER BY THE RESPECTIVE TRADES.
3. IT SHALL BE THE RESPONSIBILITY OF THE F.S.E.C. TO SWEEP CLEAN SPACE OF REMOVED EQUIPMENT / DEBRIS AND DISPOSE OF FOR SAFETY AND FUTURE USE OF CLEANED AREA

WALK-IN COOLER/FREEZER/REMOTE REFRIGERATION NOTES

1. WALK-IN BOXES PROVISION OF DEPRESSION AND REQUIRED SUBSTRATE AS WELL AS FINISHED FLOORING MATERIALS [I.E. QUARRY TILE, POURED FLOOR, ETC.] SHALL BE BY OTHERS. [UNLESS OTHERWISE NOTED]
2. ALL OUTDOOR WALK-IN BOXES SHALL HAVE LEVEL CONCRETE PAD WITH ADEQUATE DRAINAGE AND ELECTRIC FURNISHED BY GENERAL CONTRACTOR.
3. FURNISHING AND INSTALLING OF ROOF CURBS FOR REMOTE REFRIGERATION UNITS SHALL BE THE RESPONSIBILITY OF OTHERS UNLESS OTHERWISE INDICATED
4. GENERAL CONTRACTOR OR OWNER TO PROVIDE TRANSIT LEVEL FLOORS AND / OR RECESSES [AS APPLICABLE] FOR WALK-IN COOLERS & FREEZERS. elite | studio e WILL NOT BE RESPONSIBLE FOR CORRECTIONS TO MEET TRANSIT LEVEL CONDITIONS IN NEW OR EXISTING FACILITIES.
5. REFRIGERATION CONTRACTOR TO FURNISH AND INSTALL INDIRECT DRAIN LINE FROM REFRIGERATION UNIT EVAPORATOR COILS TO ADJACENT FLOOR DRAIN WITH AIR GAP. [AS REQUIRED BY LOCAL CODE]

RESPONSIBILITY MATRIX

TRADE	ABBREVIATION	UNDER CONTRACT TO F.S.E.C.	UNDER CONTRACT TO OWNER	UNDER CONTRACT TO F.S. OPERATOR	UNDER CONTRACT TO G.C.	N./A	T.B.D.
CARPENTER	CARP				●		
LOW VOLTAGE CONTRACTOR	COMMC				●		
DEMOLITION CONTRACTOR	DEMOC				●		
DUMPSTER PROVISION					●		
ELECTRICAL CONTRACTOR	EC				●		
F.S. FIRE SUPPRESSION SYSTEM CONTRACTOR	FSSC	●					
FLOORING CONTRACTOR	FC				●		
FOODSERVICE EQUIPMENT CONTRACTOR	FSEC				●		
GENERAL CONTRACTOR	GC		●				
GLAZING CONTRACTOR	GLZC				●		
HVACC/MECHANICAL CONTRACTOR	HVAC/CKV				●		
LANDSCAPING CONTRACTOR	LANDC				●		
MASON/TILE CONTRACTOR	MC/TC				●		
MILLWORK CONTRACTOR	MWKC	●					
PAINTING CONTRACTOR	PAINT				●		
PLUMBING CONTRACTOR	PC				●		
REFRIGERATION CONTRACTOR	RC	●					
RIGGING CONTRACTOR	RIGC				●		
ROOFING CONTRACTOR	ROOFC				●		
SPRINKLER SYSTEM CONTRACTOR	SPLRC				●		
SHEET METAL CONTRACTOR	SMC	●					

LIST OF FOODSERVICE DRAWINGS

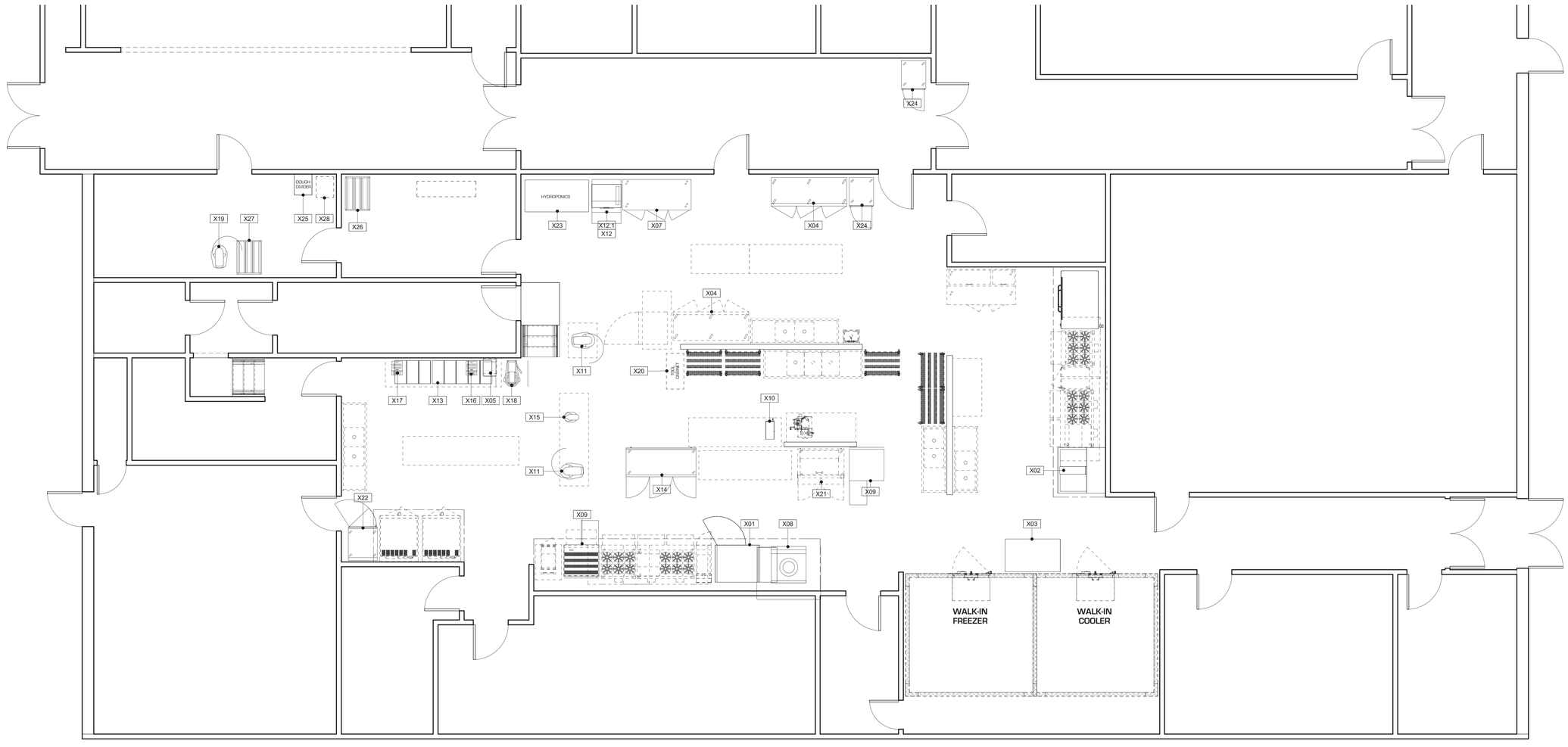
SHEET NUMBER	SHEET NAME	INCLUDED	FUTURE	N/A
FS-100	FOODSERVICE GENERAL NOTES, LEGENDS, ABBREVIATIONS	X		
FS-200	FOODSERVICE EQUIPMENT DEMOLITION PLAN	X		
FS-300	FOODSERVICE EQUIPMENT PLAN - KITCHEN #1	X		
FS-301	FOODSERVICE EQUIPMENT PLAN - KITCHEN #2&3	X		
FS-302	FOODSERVICE EQUIPMENT PLAN - SCHOOL STORE	X		
FS-350	FOODSERVICE EQUIPMENT M.E.P. SCHEDULE	X		
FS-351	FOODSERVICE EQUIPMENT M.E.P. SCHEDULE	X		
FS-352	FOODSERVICE EQUIPMENT M.E.P. SCHEDULE	X		
FS-353	FOODSERVICE EQUIPMENT M.E.P. SCHEDULE	X		
FS-354	FOODSERVICE EQUIPMENT M.E.P. SCHEDULE	X		
FS-355	FOODSERVICE EQUIPMENT M.E.P. SCHEDULE	X		
FS-380	FOODSERVICE PERSPECTIVE VIEWS	X		
FS-400	FOODSERVICE ELECTRICAL ROUGH-IN PLAN - KITCHEN #1	X		
FS-401	FOODSERVICE ELECTRICAL ROUGH-IN PLAN - KITCHEN #2&3	X		
FS-402	FOODSERVICE ELECTRICAL ROUGH-IN PLAN - SCHOOL STORE	X		
FS-440	FOODSERVICE PLUMBING ROUGH-IN PLAN - KITCHEN #1	X		
FS-441	FOODSERVICE PLUMBING ROUGH-IN PLAN - KITCHEN #2&3	X		
FS-442	FOODSERVICE PLUMBING ROUGH-IN PLAN - SCHOOL STORE	X		
FS-460	FOODSERVICE FLOOR PENETRATION PLAN - KITCHEN #1	X		
FS-461	FOODSERVICE FLOOR PENETRATION PLAN - KITCHEN #2&3	X		
FS-480	FOODSERVICE COMPRESSOR LOCATION PLAN	X		
FS-500	FOODSERVICE C.K.V. ROUGH-IN PLAN - KITCHEN #1	X		
FS-501	FOODSERVICE C.K.V. ROUGH-IN PLAN - KITCHEN #2&3	X		
FS-520	FOODSERVICE CRITICAL DIMENSIONS PLAN - KITCHEN #1	X		
FS-521	FOODSERVICE CRITICAL DIMENSIONS PLAN - KITCHEN #2&3	X		
FS-540	FOODSERVICE WALL BLOCKING PLAN - KITCHEN #1	X		
FS-541	FOODSERVICE WALL BLOCKING PLAN - KITCHEN #2&3	X		
FS-600	FOODSERVICE ELEVATION KEY PLAN - KITCHEN #1	X		
FS-601	FOODSERVICE ELEVATION KEY PLAN - KITCHEN #2&3	X		
FS-602	FOODSERVICE ELEVATION KEY PLAN - SCHOOL STORE	X		
FS-620	FOODSERVICE ELEVATIONS	X		
FS-621	FOODSERVICE ELEVATIONS	X		
FS-622	FOODSERVICE ELEVATIONS	X		
FS-623	FOODSERVICE ELEVATIONS	X		
FS-624	FOODSERVICE ELEVATIONS	X		
FS-660	FOODSERVICE SECTIONS	X		
FS-680	FOODSERVICE TYPICAL STAINLESS STEEL DETAILS	X		
FS-681	FOODSERVICE TYPICAL STAINLESS STEEL DETAILS	X		
FS-682	FOODSERVICE TYPICAL STAINLESS STEEL DETAILS	X		
FS-690	FOODSERVICE TYPICAL MILLWORK DETAILS	X		
FS-700	FOODSERVICE EXHAUST HOOD DETAIL DRAWINGS [HALTON]	X		
FS-701	FOODSERVICE EXHAUST HOOD DETAIL DRAWINGS [HALTON]	X		
FS-702	FOODSERVICE EXHAUST HOOD DETAIL DRAWINGS [HALTON]	X		
FS-703	FOODSERVICE EXHAUST HOOD DETAIL DRAWINGS [HALTON]	X		
FS-704	FOODSERVICE EXHAUST HOOD DETAIL DRAWINGS [HALTON]	X		
FS-720	FOODSERVICE WALK-IN DETAIL DRAWINGS [AMERIKOOLER]	X		
FS-721	FOODSERVICE WALK-IN DETAIL DRAWINGS [AMERIKOOLER]	X		
FS-730	FOODSERVICE REFRIGERATION DETAIL DRAWINGS [COLDZONE]	X		
FS-740	FOODSERVICE WAREWASHING DETAIL DRAWINGS [JOHN BOOS]	X		
FS-760	FOODSERVICE MISCELANEOUS DETAIL DRAWINGS [AVTEC]	X		

ABBREVIATIONS

ABBREVIATION	DESCRIPTION
ACT	ACOUSTICAL CEILING TILE
ADDL	ADDITIONAL
AFF	ABOVE FINISHED FLOOR
AFS	ABOVE FINISHED SLAB
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
BLDG	BUILDING
BTC	BRANCH TO CONNECTION
CL	CENTER LINE
CLG	CEILING
CLO	CLOSET
CMU	CONCRETE MASONRY UNIT
CKV	COMMERCIAL KITCHEN VENTILATION
CKVC	COMMERCIAL KITCHEN VENTILATION CONTRACTOR
CO	CONVENIENCE OUTLET
CONC	CONCRETE
COL	COLUMN
CONN	CONNECTION
CONST	CONSTRUCTION
CONTR	CONTRACTOR
CORR	CORRIDOR
CPT	CARPET
CT	CERAMIC TILE
DEMO	DEMOLITION
DFA	DOWN FROM ABOVE
DIA	DIAMETER
DIFF	DIFFUSER
DIM	DIMENSION
DWG	DRAWING
EA	EACH
EC	ELECTRICAL CONTRACTOR
ELEV	ELEVATION
EQ	EQUAL
EQUIP	EQUIPMENT
EXIST	EXISTING
EXH	EXHAUST
EXT	EXTERIOR
FA	FIRE ALARM
FD	FLOOR DRAIN
FEC	FIRE EXTINGUISHER CABINET
FE	FIRE EXTINGUISHER
FFD	FUNNEL FLOOR DRAIN
FF	FINISHED FLOOR
FIN	FINISH
FLR	FLOOR
FRZR	FREEZER
FSEC	FOOD SERVICE EQUIPMENT CONTRACTOR
GA	GAUGE
GC	GENERAL CONTRACTOR
GFCI	GROUND FAULT CIRCUIT INTERRUPT
GL	GLASS
GWB	GYPSUM WALLBOARD
HVAC	HEAT / VENTILATION / AIR CONDITIONING
HVACC	HEAT / VENTILATION / AIR CONDITIONING CONTRACTOR
HGT	HEIGHT
ID	INSIDE DIAMETER
INT	INTERIOR
JB	JUNCTION BOX
JC	JANITORS CLOSET
KPL	KICKPLATE
LAV	LAVATORY
LT	LIGHT
MAS	MASONRY
MAX	MAXIMUM
ME	MECHANICAL ENGINEER
MECH	MECHANICAL
MIN	MINIMUM
MWK	MILLWORK
NIC	NOT IN CONTRACT
NISOW	NOT IN SCOPE OF WORK
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OFF	OFFICE
PC	PLUMBING CONTRACTOR
PL LAM	PLASTIC LAMINATE
PLYWD	PLYWOOD
PNT	PAINT
PNTD	PAINTED
PTD	PAPER TOWEL DISPENSER
PTN	PARTITION
QT	QUARRY TILE
QTY	QUANTITY
RC	REFRIGERATION CONTRACTOR
REF	REFRIGERATOR
REQ'D	REQUIRED
RI	ROUGH-IN
RM	ROOM
SECT	SECTION
SPEC	SPECIFICATION
SPLR	SPRINKLER
SR	SINGLE RECEPTACLE
SS	STAINLESS STEEL
STD	STANDARD
STOR	STORAGE
TEL	TELEPHONE
THK	THICK[NESS

Foodservice Existing Equipment Schedule				
Item #	Qty	Equipment Description	Manufacturer	Model
S01	5	5-Tier Wire Shelving Unit	Quantum	WR74-2436C-5
X01	1	Gas Combi Oven	Rational	iCombi 6 FULL
X02	1	Multifunction Skillet	Rational	iVario 2-XS
X03	1	Hot Dog Cart	To Be Verified	To Be Verified
X04	2	3-Door Reach-In Refrigerator	True	T-72
X05	1	Vacuum Packing Machine	Waring	WCV300
X07	1	3-Door Work Top Refrigerator	Everest	ETBR3
X08	1	Wok Range	American Range	ARCR-31
X09	2	36"W Refrigerated Base	Everest	ECB36D2
X10	1	Coffee Brewer	BUNN	To Be Verified
X11	2	20-qt Mixer	Vollrath	40757
X12	1	Ice Machine	Scotsman Ice	C0330MA-1D
X12.1	1	Ice Bin	Scotsman	B330P
X13	8	Ingredient Bin	To Be Verified	To Be Verified
X14	1	Worktop Refrigerator	True	TWT-72-HC
X15	1	5 Qt. Mixer	KitchenAid	To Be Verified
X16	1	Countertop Induction Range	Winco	ECIS-18C
X17	1	Countertop Induction Range	Globe	GIR18
X18	1	60 Qt. Mixer	Eurodib	M60A
X19	1	20-qt Mixer	Presto	To Be Verified
X20	1	Wood Top Tool Cabinet	To Be Verified	To Be Verified
X21	1	Refrigerated Prep Table	Delfield	448N-12
X22	1	Refrigerator, Reach-In, Glass Door	Beverage-Air	HBR27HC-1-HG
X23	1	3-Tier Hydroponics Unit (66" x 33 x 81")	To Be Verified	To Be Verified
X24	2	Holding and Transport Cabinet	Vulcan	VHFA18
X25	1	Dough Divider (18-1/4" x 21-1/2" x 67")	Dutchess	To Be Verified
X26	1	Can Rack (25-3/4" x 24" x 33-1/2")	To Be Verified	To Be Verified
X27	1	Can Rack (26-1/2" x 38" x 82-1/2")	To Be Verified	To Be Verified
X28	1	Food Processor	To Be Verified	To Be Verified

NOTE: THIS PLAN IS FOR REFERENCE OF SALVAGED EQUIPMENT ONLY



1 FOODSERVICE DEMOLITION PLAN (KAPLAN CATERING)
1/4" = 1'-0"

EXISTING RELOCATED / DISCARDED FOODSERVICE EQUIPMENT

1. MECHANICAL DATA SHOWN FOR EXISTING / RELOCATED EQUIPMENT IS FOR REFERENCE ONLY. ALL EXISTING / RELOCATED EQUIPMENT, ELECTRICAL AND PLUMBING ROUGH-IN DATA MUST BE VERIFIED IN FIELD BY ELECTRICIAN AND PLUMBER.
2. EXISTING UTILITY CONNECTIONS REMAINING FROM DISCARDED FOODSERVICE EQUIPMENT THAT WILL NO LONGER BE REQUIRED SHALL BE CAPPED IN AN APPROPRIATE MANNER BY THE RESPECTIVE TRADES.
3. IT SHALL BE THE RESPONSIBILITY OF THE F.S.E.C. TO SWEEP CLEAN SPACE OF REMOVED EQUIPMENT, DEBRIS AND DISPOSE OF FOR SAFETY AND FUTURE USE OF CLEANED AREA

DEMOLITION NOTES

1. ELECTRICIAN / PLUMBER / HVAC CONTRACTOR TO TIE BACK SERVICES FOR ITEMS REMOVED. [AS REQUIRED BY LOCAL CODE]
2. WHERE POSSIBLE, ALL SERVICES FOR EQUIPMENT TO BE REMOVED SHOULD BE RE-USED FOR NEW EQUIPMENT ITEMS BEFORE NEW SERVICES ARE INSTALLED.
3. RECLAMATION OF FREON FOR ALL EXISTING FOODSERVICE EQUIPMENT ITEMS TO BE REMOVED SHALL BE THE RESPONSIBILITY OF THE REFRIGERATION CONTRACTOR.

LINE TYPE LEGEND

EXISTING EQUIPMENT TO BE RELOCATED
EXISTING EQUIPMENT TO BE DEMOLISHED

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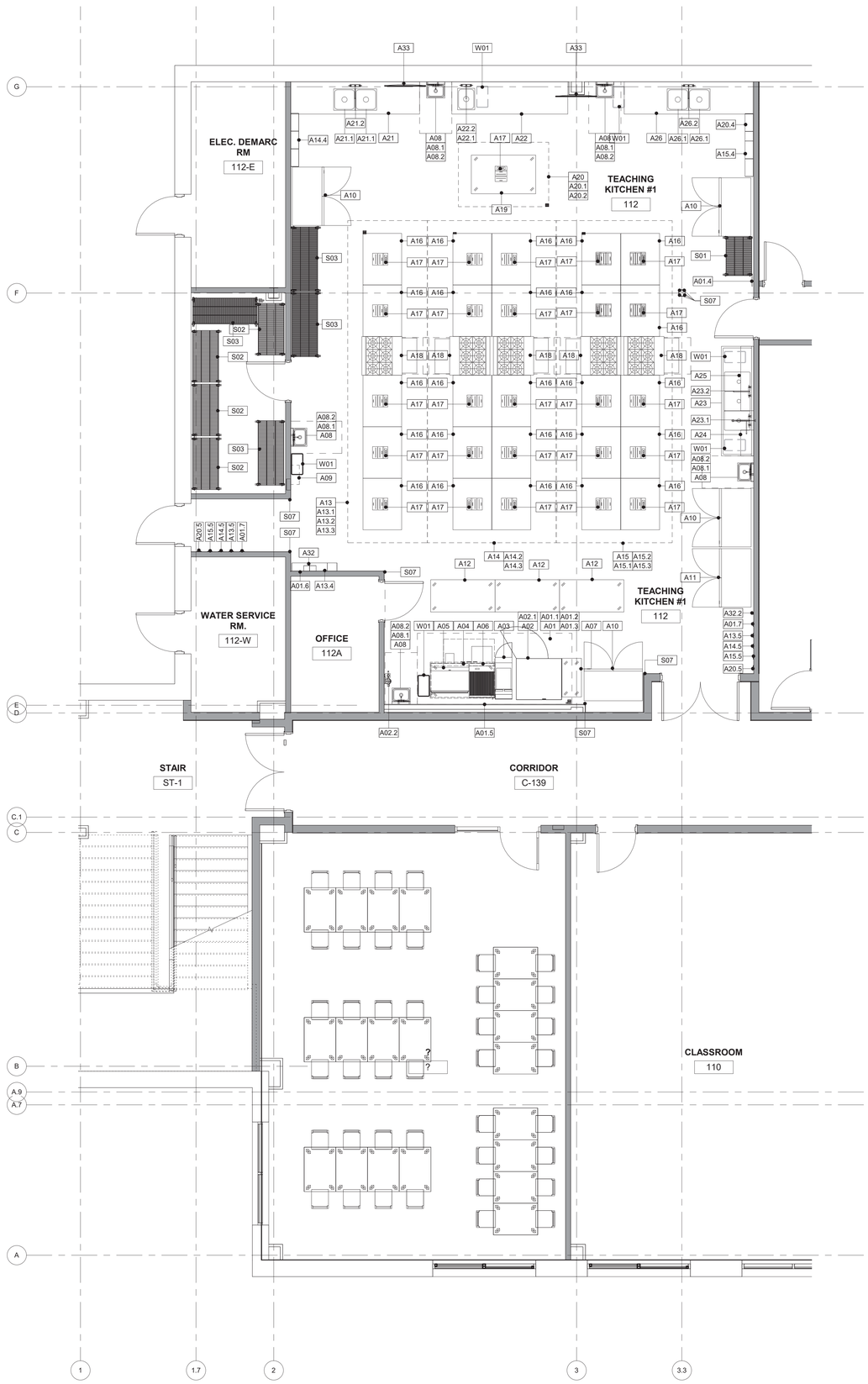
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DATE: 06/30/2025
SCALE: As indicated
SHEET NAME: FOODSERVICE EQUIPMENT DEMOLITION PLAN
SHEET NUMBER: FS-200

BID SET

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CHECKED BY: K.K.
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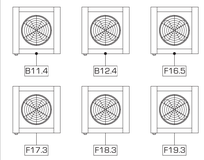
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1 FOODSERVICE EQUIPMENT PLAN - KITCHEN #1
1/4" = 1'-0"

LINE TYPE LEGEND
- EXISTING EQUIPMENT TO BE RELOCATED
- EXISTING EQUIPMENT TO BE DEMOLISHED

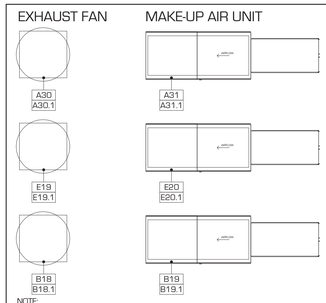
COOLER/FREEZER CONDENSING UNIT



NOTE:
FOR ROOF LOCATION OF COOLER/FREEZER CONDENSER UNITS, REFERENCE ARCHITECTURAL AND MEP CONTRACT DRAWINGS.

UNLESS OTHERWISE SPECIFIED OR NOTED ON MEP EQUIPMENT SCHEDULE SUPPLYING, HOISTING AND INSTALLATION OF COOLER/FREEZER CONDENSER UNITS IS THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR. THE MECHANICAL CONTRACTOR SHALL COORDINATE PURCHASING WITH THE FOODSERVICE EQUIPMENT CONTRACTOR.

EXHAUST FAN / MAKE-UP AIR UNIT



NOTE:
FOR ROOF LOCATION OF EXHAUST FANS & MAKE-UP AIR UNITS, REFER TO ARCHITECTURAL AND MEP CONTRACT DRAWINGS.

UNLESS OTHERWISE SPECIFIED OR NOTED ON MEP EQUIPMENT SCHEDULE SUPPLYING, HOISTING AND INSTALLATION OF EXHAUST FANS AND MAKE-UP AIR UNITS IS THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR. THE MECHANICAL CONTRACTOR SHALL COORDINATE PURCHASING WITH THE FOODSERVICE EQUIPMENT CONTRACTOR, TO ENSURE BOTH ARE COMPATIBLE WITH THE ENERGY MANAGEMENT SYSTEM (IF ONE IS SPECIFIED).

NOTE: ALL REQUIRED FOODSERVICE-RELATED SIGNAGE, MARKETING PARAPHERNALIA, ETC. SHALL BE PROVIDED BY THE FOOD SERVICE MANAGEMENT COMPANY AND/OR THE OWNER FOR INSTALLATION BY THE GENERAL CONTRACTOR.

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KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET ISSUANCE
DATE: 06/30/2025
SCALE: As indicated
SHEET NAME: FOODSERVICE EQUIPMENT PLAN - KITCHEN #1
SHEET NUMBER: FS-300

BID SET

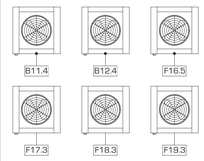
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1 FOODSERVICE EQUIPMENT PLAN - KITCHEN #2 & 3
1/4" = 1'-0"

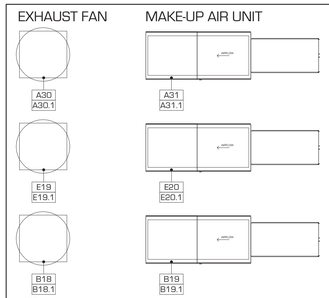
COOLER/FREEZER CONDENSING UNIT



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EXHAUST FAN / MAKE-UP AIR UNIT



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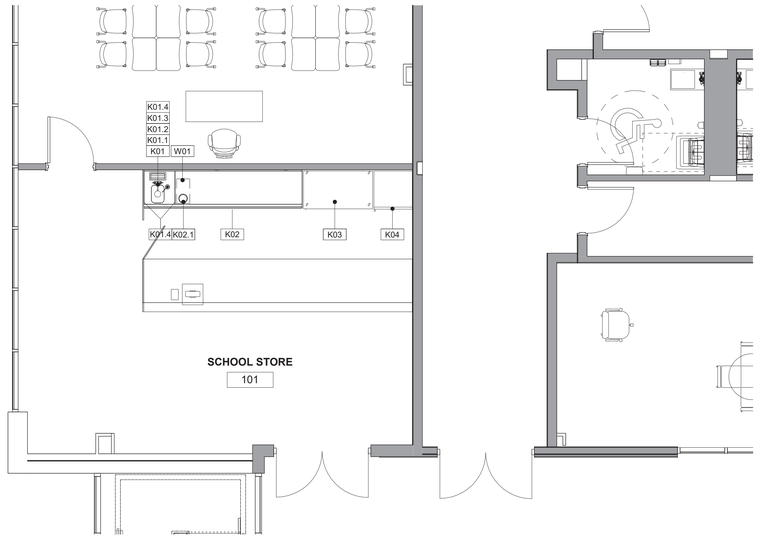
No.	Description	Date

ISSUED: BID SET ISSUANCE
DATE: 06/30/2025
SCALE: As indicated
SHEET NAME: FOODSERVICE EQUIPMENT PLAN - KITCHEN #2&3
SHEET NUMBER: FS-301

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1 FOODSERVICE EQUIPMENT PLAN - SCHOOL STORE
1/4" = 1'-0"

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KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET ISSUANCE

DATE: 06/30/2025

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

SHEET NAME:
FOODSERVICE EQUIPMENT PLAN - SCHOOL STORE

SHEET NUMBER:
FS-302

BID SET

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Foodservice M.E.P. Equipment Schedule - A

Item #	Qty	Equipment Description	Remarks	Existing To Remain	Existing To Be Relocated	Existing to Be Reinstalled	Existing To Be Modified	Supplied By F.S.E.C.	Supplied By F.S. Operator	Supplied By Owner	Supplied By Vendor	Supplied By G.C.	Supplied By E.C.	Supplied By P.C.	Supplied By H.V.A.C.C./M.C.	Wall Blocking By G.C.	Factory Start Up Required	Manufacturer	Model	JB (Direct)	SR (Plug)	Data/Telephone	Volts	Phase	FL Amps	Watts	HP	Plug Configuration (NEMA)	Elec Conn Rl Height (A.F.F.)	Remote On/Off Switch By E.C. Interwire w/ Building Fire Alarm System By E.C.	Electrical Remarks	Cold Water Size	Cold Water Rl Height	Filtered Water Required	Hot Water Size	Hot Water Rl Height	Water Quick Disconnect Hose By F.S.E.C.	Direct Waste Size	Direct Waste Rl Height	Indirect Waste Size	Gas Size	Gas Rl Height	Gas Input (BTUs)	Gas Quick Disconnect Hose By F.S.E.C.	Plumbing Remarks
A01	1	Exhaust Hood	w/ Lights, Hood Supports By Hood Installer					X										Halton	KVE	X		X	120.00 V	1	1.20 A				8' - 8"		E.C. To Interwire w/ Item #A32																
A01.1	2	Make Up Air Diffuser						X										Halton	KCD																											
A01.2	1	(Lot) S/S Closure Panels						X										Halton	Custom																											
A01.3	1	Modulating Damper						X										Halton	Custom	X		X	120.00 V	1	15.00 A	1800 W			8' - 8"		E.C. To Verify Rough-In Height, See Mfg. Detail Drawings, E.C. To Interwire w/ Item #A32																
A01.4	1	Wall-Mounted Manual Hood Filter Removal Tool						X								X		Halton	To Be Determined																											
A01.5	1	S/S Wall Panels						X										Custom	Custom																											
A01.6	1	Wall-Mounted Fire Suppression System	For Item # A01					X										Halton	R102	X			120.00 V	1	15.00 A				8' - 8"		E.C. To Interwire w/ Item #A32 (Fan Control System), Dedicated Circuit w/ 24 Hour Power, See Mfr's Detail Drawings																
A01.7	2	Wall-Mounted Remote Pull Station						X										Halton	Custom	X											E.C. To Provide Empty JB Per STD DTL 5.10																
A02	1	Double-Stack Gas Combi Oven	w/ Mobile Stacking Kit					X									X	Rational	ICP 6-FULL/6-FULL NG	X		X	208.00 V	1	4.33 A	900 W			1' - 6"		15A Breaker Required	3/4"	1' - 0"	X			X			2"	3/4"	1' - 0"	106,500 Btu/h	X	P.C. To Pipe To Floor Sink, F.W. From Item #A02.2
A02.1	1	Additional Utility Information For Top Compartment						X									X	Rational	Custom	X		X	208.00 V	1	4.33 A	900 W			5' - 0"		15A Breaker Required	3/4"	4' - 0"	X			X			2"	3/4"	4' - 0"	106,500 Btu/h	X	P.C. To Pipe To Floor Sink, F.W. From Item #A02.2
A02.2	1	Water Filter						X									X	Rational	1900.1150US													3/4"	7' - 0"											F.W. To Item# A02, A02.1
A03	1	Pasta Cooker						X									X	Omcan	47714													1/2"	1' - 6"						1"	1/2"	1' - 0"	70,000 Btu/h	X	P.C. To Pipe To Floor Sink
A04	1	Refrigerated Equipment Stand	w/ Casters					X										Atosa	MGF8452GR		X		115.00 V	1	2.30 A	264.5 W	1/7	5-15P	1' - 6"															
A05	1	36"W Countertop Gas Griddle	w/ 4" Legs					X										Star	636TF																					3/4"	3' - 0"	84,900 Btu/h	X	
A06	1	24"W Countertop Gas Charbroiler	w/ 2" Legs					X										Turbo Air	TARB-24																					3/4"	3' - 0"	60,000 Btu/h	X	
A07	1	S/S Mobile Work Table						X										BK Resources	SVTOB-1836																									
A08	5	Wall-Mounted S/S Hand Sink	w/ Faucet, Wrist Handles, & Side Splashes					X									X	BK Resources	BKHS-D-SS-SS-P-G													1/2"	1' - 6"		1/2"	1' - 6"		1 1/2"	1' - 6"					
A08.1	5	Wall-Mounted Soap Dispenser									X					X		To Be Determined	To Be Determined																									
A08.2	5	Wall-Mounted Paper Towel Dispenser										X				X		Georgia Pacific	59488A																									
A09	1	Bug Light									X					X		To Be Determined	To Be Determined		X		120.00 V	1	5.00 A	600 W		5-15P	7' - 0"		E.C. To Verify Electrical Requirements															
A10	4	Reach-In Refrigerator	w/ Casters					X										Atosa	MBF8005GR		X		115.00 V	1	3.20 A	368 W	1/5	5-15P	6' - 8"															
A11	1	Reach-In Freezer	w/ Casters					X										Arctic Air	AF49		X		115.00 V	1	12.00 A	1380 W	1	5-15P	1' - 6"															
A12	3	S/S Mobile Work Table	w/ Undershelf					X										BK Resources	SVT-6030																									
A13	1	Exhaust Hood	Hood Supports By Hood Installer					X										Halton	KVW	X		X	120.00 V	1	2.64 A				8' - 8"		E.C. To Interwire w/ Item #A32															
A13.1	4	Make Up Air Diffuser						X										Halton	KCD																											
A13.2	1	(Lot) S/S Closure Panels						X										Halton	Custom																											
A13.3	1	Modulating Damper						X										Halton	Custom	X		X	120.00 V	1	15.00 A	1800 W			8' - 8"		E.C. To Verify Rough-In Height, See Mfg. Detail Drawings, E.C. To Interwire w/ Item #A32																
A13.4	1	Wall-Mounted Fire Suppression System	For Items # A01, A13					X										Halton	R102	X			120.00 V	1	15.00 A				8' - 8"		E.C. To Interwire w/ Item #E21 (Fan Control System), Dedicated Circuit w/ 24 Hour Power, See Mfr's Detail Drawings																
A13.5	2	Wall-Mounted Remote Pull Station						X										Halton	Custom	X											E.C. To Provide Empty JB Per STD DTL 5.10																
A14	1	Exhaust Hood	Hood Supports By Hood Installer					X										Halton	KVE	X		X	120.00 V	1	2.64 A				8' - 8"		E.C. To Interwire w/ Item #A32															
A14.1	1	Spare Number																																											
A14.2	1	(Lot) S/S Closure Panels						X										Halton	Custom																											
A14.3	2	Modulating Damper						X										Halton	Custom	X		X	120.00 V	1	15.00 A	1800 W			8' - 8"		E.C. To Verify Rough-In Height, See Mfg. Detail Drawings, E.C. To Interwire w/ Item #A32																
A14.4	1	Wall-Mounted Fire Suppression System	For Item #A14					X										Halton	R102	X			120.00 V	1	15.00 A				8' - 8"		E.C. To Interwire w/ Item #A32 (Fan Control System), Dedicated Circuit w/ 24 Hour Power, See Mfr's Detail Drawings																
A14.5	2	Wall-Mounted Remote Pull Station						X										Halton	Custom	X											E.C. To Provide Empty JB Per STD DTL 5.10																
A15	1	Exhaust Hood	Hood Supports By Hood Installer					X										Halton	KVE	X		X	120.00 V	1	2.64 A				8' - 8"		E.C. To Interwire w/ Item #A32															
A15.1	1	Make Up Air Diffuser						X										Halton	KCD																											
A15.2	1	(Lot) S/S Closure Panels						X										Halton	Custom																											
A15.3	2	Modulating Damper						X										Halton	Custom	X			120.00 V	1	15.00 A	1800 W			8' - 8"		E.C. To Verify Rough-In Height, See Mfg. Detail Drawings, E.C. To Interwire w/ Item #A32																
A15.4	1	Wall-Mounted Fire Suppression System	For Items #A15					X										Halton	R102	X			120.00 V	1	15.00 A				8' - 8"		E.C. To Interwire w/ Item #A32 (Fan Control System), Dedicated Circuit w/ 24 Hour Power, See Mfr's Detail Drawings																
A15.5	2	Wall-Mounted Remote Pull Station						X										Halton	Custom	X											E.C. To Provide Empty JB Per STD DTL 5.10																
A16	25	Mobile Counter						X										BK Resources	CST-3648HL																											
A17	26	Countertop Induction Range						X										Globe	GIR18		X		120.00 V	1	15.00 A	1800 W		5-15P	1' - 6"															
A18	5	36"W Gas Range w/ Oven Base	w/ Casters					X										Turbo Air	TAR-6																						3/4"	1' - 0"	227,000 Btu/h	X	
A19	1	Mobile Work Table	w/ Undershelf					X										BK Resources	CVT-6036																									
A20	1	Exhaust Hood	Hood Supports By Hood Installer					X										Halton	KVE	X		X	120.00 V	1	1.08 A				8' - 8"		Power For Lights, E.C. To Verify Rough-In Height, See Mfr's Detail Drawings, E.C. To Interwire w/ Item #A32															
A20.1	4	Make Up Air Diffuser						X										Halton	KCD																											
A20.2	1	(Lot) S/S Closure Panels						X										Halton	Custom																											
A20.3	1	Spare Number																																										
A20.4	1	Wall-Mounted Fire Suppression System	For Item #A20					X										Halton	R102	X			120.00 V	1	15.00 A				8' - 8"		E.C. To Interwire w/ Item #A32 (Fan Control System), Dedicated Circuit w/ 24 Hour Power, See Mfr's Detail Drawings																
A20.5	2	Wall-Mounted Remote Pull Station						X										Halton	Custom	X											E.C. To Provide Empty JB Per STD DTL 5.10																
A21	1	S/S Work Table	w/ Backsplash, Left Side Splash, & 36" Partial Undershelf					X										John Boos	ST6R5-30120SSK																									
A21.1	2	Welded-In S/S Sink (20" x 20" x 12")	w/ Twist Drain & Overflow					X										John Boos	CUT2020126																								P.C. To Pipe (2) I.W. To Floor Sink
A21.2	1	Deck-Mounted Faucet w/ Swing Spout						X										T&S Brass	5F-8DLX16													1/2"	1' - 0"		1/2"	1' - 0"								
A22	1	S/S Work Table	w/ Backsplash, 84" Partial Undershelf & Right Side Splash					X										John Boos	ST6R5-30108SSK																									
A22.1	1	Weld-In S/S Rinse Sink (16" x 20" x 14")	w/ Twist Drain					X										John Boos	CUT1620146																								P.C. To Pipe To Floor Sink
A22.2	1	Deck-Mounted Faucet w/ Swing Spout						X										T&S Brass	B-1123-CR													1/2"	1' - 0"		1/2"	1' - 0"								
A23	1	3-Compartment Sink						X										BK Resources	BKS-3-1824-14-24TS																								(3) Indirect Waste Required. P.C. To Pipe To Floor Sink
A23.1	1	Splash-Mounted Pre-Rinse Faucet	w/ Wall Bracket					X									X	T&S Brass	B-0133-12ACBJST													1/2"	1' - 0"		1/2"	1' - 0"								
A23.2	1	Splash-Mounted Faucet w/ Swing Spout						X										T&S Brass	5F-8WLX14													1/2"	1' - 0"		1/2"	1' - 0"								
A24	1	Wall Shelf						X									X	BK Resources	BKWS-1224																									
A25	1	Wall Shelf w/ Pot Rack						X									X	BK Resources	BKWS-1260-PR																									
A26	1	S/S Work Table	w/ Backsplash, Right Side Splash, & 36" Partial Undershelf					X										John Boos	ST6R5-30120SSK																									
A26.1	2	Welded-In S/S Sink (20" x 20" x 12")	w/ Twist Drain & Overflow					X										John Boos	CUT2020126																								P.C.To Pipe (2) I.W. To Floor Sink
A26.2	1	Deck-Mounted Faucet w/ Swing Spout						X										T&S Brass	5F-8DLX16													1/2"	1' - 0"		1/2"	1' - 0"								

SEE DRAWING #FS-500 FOR C.K.V. MECHANICAL INFORMATION.

GAS TYPE LEGEND:

- NATURAL GAS
- LIQUID PROPANE
- TO BE DETERMINED

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ROCKLAND BOCES
ROOTED IN THE COMMUNITY

ROCKLAND BOCES P-TECH C-TEC BUILDING

SED #: 50-90-00-00-0-044-001

65 PARROT RD.
WEST NYACK, NY 10994

KEY PLAN

REVISIONS

No.	Description	Date

ISSUED: BID SET ISSUANCE

DATE: 06/30/2025

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

SHEET NAME:
FOODSERVICE EQUIPMENT M.E.P. SCHEDULE

SHEET NUMBER:

FS-350

BID SET

DRAWN BY: Author
CHECKED BY: Checker
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6/12/2025 11:48:02 AM

PROJECT NUMBER: 2333403.01

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Foodservice M.E.P. Equipment Schedule - B

Item #	Qty	Equipment Description	Remarks	Existing To Remain	Existing To Be Relocated	Existing to Be Reinstalled	Existing To Be Modified	Supplied By F.S.E.C.	Supplied By F.S. Operator	Supplied By Owner	Supplied By Vendor	Supplied By G.C.	Supplied By E.C.	Supplied By P.C.	Supplied By H.V.A.C.C./M.C.	Wall Blocking By G.C.	Factory Start Up Required	Manufacturer	Model	JB (Direct)	SR (Plug)	Data/Telephone	Volts	Phase	FL Amps	Watts	HP	Plug Configuration (NEMA)	Elec Conn Rl Height (A.F.F.)	Remote On/Off Switch By E.C.	Interwire w/ Building Fire Alarm System By E.C.	Electrical Remarks	Cold Water Size	Cold Water Rl Height	Filtered Water Required	Hot Water Size	Hot Water Rl Height	Water Quick Disconnect Hose By F.S.E.C.	Direct Waste Size	Direct Waste Rl Height	Indirect Waste Size	Gas Size	Gas Rl Height	Gas Input (BTUs)	Gas Quick Disconnect Hose By F.S.E.C.	Plumbing Remarks
A27	1	Spare Number																																										
A28	1	Spare Number																																										
A29	1	Spare Number																																										
A30	1	Exhaust Fan													X			Custom	Custom																									
A30.1	1	(Lot) Exhaust Air Ductwork													X			Custom	Custom																									
A31	1	Make Up Air Fan													X			Custom	Custom																									
A31.1	1	(Lot) Make Up Air Ductwork													X			Custom	Custom																									
A32	1	Fan Control System (Demand Control Ventilaton)	For Items # A01, A13, A14, A15, & A20					X									X	Halton	M.A.R.V.E.L. Basic 2	X		X	120.00 V	1	15.00 A				7' - 0"		X	w/ Cat 6 Cable, E.C. To Verify Rough-In Height, Dedicated Circuit w/ 24 Hour Power, See Mfr's Detail Drawings																
A32.1	1	Spare Number																																										
A32.2	1	Wall-Mounted Room Temperature Sensor	Part Of Item #A32 (Fan Control System)					X										Halton	To Be Determined			X																							
A33	2	Wall-Mounted Digital Display Monitor	Installed by GC						X							X		newline	TT-6521Q		X	X	120.00 V	1	5.00 A	600 W			5' - 0"			E.C. To Verify Electrical Requirements														
B01	1	Wall-Mounted S/S Hand Sink	w/ Faucet, Wrist Handles, & Side Splashes					X								X		BK Resources	BKHS-D-SS-SS-P-G															1/2"	1' - 6"	1/2"	1' - 6"	1 1/2"	1' - 6"						
B01.1	1	Wall-Mounted Soap Dispenser									X							To Be Determined	To Be Determined																										
B01.2	1	Wall-Mounted Paper Towel Dispenser										X				X		Georgia Pacific	59488A																										
B02	1	Exhaust Hood						X										Halton	KVE	X		X	120.00 V	1	1.68 A				8' - 8"			Power For Lights, E.C. To Verify Rough-In Height, See Mfr's Detail Drawings, E.C. To Interwire w/ Item #B20														
B02.1	1	Spare Number																																										
B02.2	1	(Lot) S/S Closure Panels						X										Halton	Custom																										
B02.3	1	Modulating Damper						X										Halton	Custom	X		X	120.00 V	1	15.00 A	1800 W			8' - 8"			E.C. To Verify Rough-In Height, See Mfg. Detail Drawings, E.C. To Interwire w/ Item #B20														
B02.4	1	Wall-Mounted Fire Suppression System	For Item #B02					X										Halton	R102	X			120.00 V	1	15.00 A				8' - 8"			E.C. To Interwire w/ Item #B20 (Fan Control System), Dedicated Circuit w/ 24 Hour Power, See Mfr's Detail Drawings														
B02.5	2	Wall-Mounted Remote Pull Station						X										Halton	Custom														E.C. To Provide Empty JB Per STD DTL 5.10														
B03	1	Exhaust Hood						X										Halton	KVE	X		X	120.00 V	1	1.68 A				8' - 8"			Power For Lights, E.C. To Verify Rough-In Height, See Mfr's Detail Drawings, E.C. To Interwire w/ Item #B20														
B03.1	1	Spare Number																																										
B03.2	1	(Lot) S/S Closure Panels						X										Halton	Custom																										
B03.3	2	Modulating Damper						X										Halton	Custom	X		X	120.00 V	1	15.00 A	1800 W			8' - 8"			E.C. To Verify Rough-In Height, See Mfg. Detail Drawings, E.C. To Interwire w/ Item #B20														
B03.4	1	Wall-Mounted Fire Suppression System	For Item #B03					X										Halton	R102	X			120.00 V	1	15.00 A				8' - 8"			E.C. To Interwire w/ Item #B20 (Fan Control System), Dedicated Circuit w/ 24 Hour Power, See Mfr's Detail Drawings														
B03.5	2	Wall-Mounted Remote Pull Station						X										Halton	Custom														E.C. To Provide Empty JB Per STD DTL 5.10														
B04	1	Exhaust Hood						X										Halton	KVE	X		X	120.00 V	1	1.68 A				8' - 8"			Power For Lights, E.C. To Verify Rough-In Height, See Mfr's Detail Drawings, E.C. To Interwire w/ Item #B20														
B04.1	1	Make Up Air Diffuser	Hood Supports By Hood Installer					X										Halton	KCD																										
B04.2	1	(Lot) S/S Closure Panels						X										Halton	Custom																										
B04.3	1	Modulating Damper						X										Halton	Custom	X		X	120.00 V	1	15.00 A	1800 W			8' - 8"			E.C. To Verify Rough-In Height, See Mfg. Detail Drawings, E.C. To Interwire w/ Item #B20														
B04.4	1	Wall-Mounted Fire Suppression System	For Item #B04					X										Halton	R102	X			120.00 V	1	15.00 A				8' - 8"			E.C. To Interwire w/ Item #B20 (Fan Control System), Dedicated Circuit w/ 24 Hour Power, See Mfr's Detail Drawings														
B04.5	2	Wall-Mounted Remote Pull Station						X										Halton	Custom														E.C. To Provide Empty JB Per STD DTL 5.10														
B05	12	Mobile Counter						X										BK Resources	CST-3648HL																										
B06	14	Countertop Induction Range						X										Globe	GIR18		X		120.00 V	1	15.00 A	1800 W		5-15P	1' - 6"																
B07	2	Mobile Work Table	w/ Undershelf					X										BK Resources	CVT-6036																										
B08	1	S/S Work Table	w/ Drawer					X										John Boos	ST6R5-3072SSK																										
B08.1	1	Weld-In S/S Rinse Sink (16" x 20" x 14")	w/ Twist Drain & Overflow					X										John Boos	CUT1620146																				2"				P.C. Pipe to Floor Sink
B08.2	1	Deck-Mounted Faucet w/ Swing Spout						X										T&S Brass	B-1123-CR															1/2"	1' - 0"	1/2"	1' - 0"						
B09	1	Wall-Mounted Digital Display Monitor	Installed by GC						X							X		newline	TT-8623QA		X	X	120.00 V	1	5.00 A	600 W			6' - 0"			E.C. To Verify Electrical Requirements														
B10	1	Exhaust Hood						X										Halton	KVW	X		X	120.00 V	1	15.00 A				8' - 8"			Power For Lights, E.C. To Verify Rough-In Height, See Mfr's Detail Drawings, E.C. To Interwire w/ Item #B20														
B10.1	4	Make Up Air Diffuser	Hood Supports By Hood Installer					X										Halton	KCD																										
B10.2	1	(Lot) S/S Closure Panels						X										Halton	Custom																										
B10.3	1	Spare Number																																										
B10.4	1	Wall-Mounted Manual Hood Filter Removal Tool						X										Halton	To Be Determined																										
B10.5	1	Wall-Mounted Fire Suppression System	For Item #B10					X										Halton	R102	X			120.00 V	1	15.00 A				8' - 8"			E.C. To Interwire w/ Item #B20 (Fan Control System), Dedicated Circuit w/ 24 Hour Power, See Mfr's Detail Drawings														
B10.6	2	Wall-Mounted Remote Pull Station						X										Halton	Custom														E.C. To Provide Empty JB Per STD DTL 5.10														
B11	1	Walk-In Cooler						X										Amerikooler	Custom	X			115.00 V	1	2.20 A				9' - 0"																
B11.1	1	Strip Curtains						X										Himi	FC1000																										
B11.2	1	(Lot) S/S Closure Panels						X										Amerikooler	Custom																										
B11.3	1	Cooler Evaporator Coil						X										ColdZone	CL6A094ADA	X			115.00 V	1	1.60 A	184 W			8' - 0"			E.C. To Verify Rough-In Height, See Mfr's Detail Drawings							3/4"				P.C. To Pipe To Floor Drain
B11.4	1	Compressor	Install & Mount In Curb by HVAC					X										ColdZone	CFO130E4SEA	X			208.00 V	3	15.00 A	5400 W	1		0' - 6"			E.C. To Interwire Interlock Relay. Verify Rough-In Height												
B12	1	Walk-In Freezer						X										Amerikooler	Custom	X			115.00 V	1	2.20 A				9' - 0"																
B12.1	1	Strip Curtains						X										Himi	FC1000																										
B12.2	1	Freezer Evaporator Coil						X										ColdZone	CL6E105DDA	X			208.00 V	1	10.80 A	2246.4 W			8' - 0"			E.C. To Verify Rough-In Height, See Mfr's Detail Drawings							3/4"				P.C. To Pipe To Floor Drain
B12.3	1	Drain Line Heater	By Refrigeration Contractor					X										Custom	Custom	X			120.00 V	1	15.00 A	1800 W			8' - 0"			E.C. To Verify Rough-In Height, See Mfg. Detail Drawings												
B12.4	1	Compressor	Install & Mount In Curb by HVAC					X										ColdZone	CFO300L4SEA	X			208.00 V	3	15.00 A	5400 W	3		0' - 6"			E.C. To Interwire Interlock Relay. Verify Rough-In Height												
B13	1	Reach-In Refrigerator						X										Atosa	MBF8005GR		X		115.00 V	1	3.20 A	368 W	1/5	5-15P	6' - 8"																
B14	1	Bug Light								X						X		To Be Determined	To Be Determined		X		120.00 V	1	5.00 A	600 W		5-15P	7' - 0"			E.C. To Verify Electrical Requirements												
B15	1	Spare Number																																										
B16	1	Spare Number																																										
B17	1	Spare Number																																										
B18	1	Exhaust Fan													X			Custom	Custom																									
B18.1	1	(Lot) Exhaust Air Ductwork													X			Custom	Custom																									
B19	1	Make Up Air Fan													X			Custom	Custom																									
B19.1	1	(Lot) Make Up Air Ductwork													X			Custom	Custom																									
B20	1	Fan Control System (Demand Control Ventilaton)	For Items # B03, B04, B05, B10, C02, C17					X										Halton	M.A.R.V.E.L. Basic 2	X		X	120.00 V	1	15.00 A				7' - 0"		X	w/ Cat 6 Cable, E.C. To Verify Rough-In Height, Dedicated Circuit w/ 24 Hour Power, See Mfr's Detail Drawings														
B20.1	1	Wall-Mounted Room Temperature Sensor	Part Of Item #B21 (Fan Control System)					X										Halton	To Be Determined			X																							
B20.2	1	Spare Number																																										

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Construction Manager:

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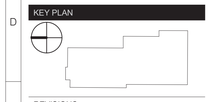
ROCKLAND BOCES
ROOTED IN THE COMMUNITY

ROCKLAND BOCES P-TECH C-TEC BUILDING

SED #: 50-90-00-00-0-044-001

65 PARROT RD.
WEST NYACK, NY 10994

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET ISSUANCE
DATE: 06/30/2025
SCALE:
SHEET NAME: FOODSERVICE EQUIPMENT M.E.P. SCHEDULE
SHEET NUMBER: FS-351

BID SET

DRAWN BY: P_Author
CHECKED BY: Checker
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Foodservice M.E.P. Equipment Schedule - C-D

Item #	Qty	Equipment Description	Remarks	Existing To Remain	Existing To Be Relocated	Existing to Be Reinstalled	Existing To Be Modified	Supplied By F.S.E.C.	Supplied By F.S. Operator	Supplied By Owner	Supplied By Vendor	Supplied By G.C.	Supplied By E.C.	Supplied By P.C.	Supplied By H.V.A.C.C./M.C.	Wall Blocking By G.C.	Factory Start Up Required	Manufacturer	Model	JB (Direct)	SR (Plug)	Data/Telephone	Volts	Phase	FL Amps	Watts	HP	Plug Configuration (NEMA)	Elec Conn Rl Height (A.F.F.)	Remote On/Off Switch By E.C.	Interwire w/ Building Fire Alarm System By E.C.	Electrical Remarks	Cold Water Size	Cold Water Rl Height	Filtered Water Required	Hot Water Size	Hot Water Rl Height	Water Quick Disconnect Hose By F.S.E.C.	Direct Waste Size	Direct Waste Rl Height	Indirect Waste Size	Gas Size	Gas Rl Height	Gas Input (BTUs)	Gas Quick Disconnect Hose By F.S.E.C.	Plumbing Remarks
C01	2	Wall-Mounted S/S Hand Sink	w/ Faucet, Wrist Handles, & Side Splashes					X								X		BK Resources	BKHS-D-SS-SS-P-G														1/2"	1' - 6"		1/2"	1' - 6"		1 1/2"	1' - 6"						
C01.1	2	Wall-Mounted Soap Dispenser									X					X		To Be Determined	To Be Determined																										
C01.2	2	Wall-Mounted Paper Towel Dispenser										X				X		Georgia Pacific	59488A																										
C02	1	Exhaust Hood	w/ Lights, Hood Supports By Hood Installer					X										Halton	KVE	X		X	120.00 V	1	1.44 A				8' - 8"			Power For Lights, E.C. To Verify Rough-In Height, See Mfr's Detail Drawings, E.C. To Interwire w/ Item #B20												
C02.1	1	Make Up Air Diffuser	Hood Supports By Hood Installer					X										Halton	KCD																										
C02.2	1	(Lot) S/S Closure Panels						X										Halton	Custom																										
C02.3	1	Modulating Damper						X										Halton	Custom	X		X	120.00 V	1	15.00 A	1800 W			8' - 8"			E.C. To Verify Rough-In Height, See Mfg. Detail Drawings, E.C. To Interwire w/ Item #B20												
C02.4	1	S/S Wall Panels						X										Custom	Custom																										
C02.5	1	Wall-Mounted Fire Suppression System	For Item #C02					X										Halton	R102	X			120.00 V	1	15.00 A				8' - 8"			E.C. To Interwire w/ Item #B20 (Fan Control System), Dedicated Circuit w/ 24 Hour Power, See Mfr's Detail Drawings												
C02.6	2	Wall-Mounted Remote Pull Station						X										Halton	Custom														E.C. To Provide Empty JB Per STD DTL 5.10												
C03	1	Double-Stack Gas Combi Oven	w/ Stacking Kit & Casters					X									X	Rational	ICP 6-FULL/6-FULL NG	X		X	208.00 V	1	4.33 A	900 W			1' - 6"			15A Breaker Required	3/4"	1' - 6"	X			X		2"	3/4"	1' - 0"	106,500 Btu/h	X	P.C. To Pipe To Floor Sink, F.W. From Item #C04.2
C03.1	1	Additional Utility Information For Top Compartment						X										Rational	Custom	X		X	208.00 V	1	4.33 A	900 W			5' - 0"			15A Breaker Required	3/4"	4' - 0"	X			X		2"	3/4"	4' - 0"	106,500 Btu/h	X	P.C. To Pipe To Floor Sink, F.W. From Item #C04.2
C03.2	1	Water Filter						X								X		Rational	1900.1150US														3/4"	7' - 0"											F.W. To Item# C04, C04.1
C04	1	2-Battery Gas Fryer w/ Filtration System	w/ Casters					X									X	Imperial	IFSCB250		X		115.00 V	1	6.80 A		1/3	5-15P	1' - 6"												3/4"	3' - 0"	280,000 Btu/h	X	
C04.1	1	Heat Lamp	For Dump Station					X										Imperial			X								4' - 0"																
C05	3	36"W Countertop Gas Griddle	w/ 4" Legs					X									X	Imperial Range	ITG-36		X																						3/4"	3' - 0"	90,000 Btu/h	X	
C06	2	Refrigerated Equipment Stand	w/ Casters					X										Atosa	MGF8448GR		X		115.00 V	1	2.30 A	264.5 W	1/7	5-15P	1' - 6"																
C07	2	36"W Gas Range w/ Convection Oven						X										American Range	AR-6-C																						3/4"	3' - 0"	222,000 Btu/h	X	
C08	1	Reach-In Refrigerator	w/ Casters					X										Atosa	MBF8005GR		X		115.00 V	1	3.20 A	368 W	1/5	5-15P	6' - 8"																
C09	2	Mobile Heated Holding Cabinet						X										Carter-Hoffman	HL3-18		X		120.00 V	1	15.00 A	1750 W		5-20P				Power From Item #C24												
C09.1	1	Mobile Heated Holding Cabinet						X										Carter-Hoffman	HL3-18		X		120.00 V	1	15.00 A	1750 W		5-20P				Power From Outlet Mounted to Underside Of Item #C13												
C10	1	S/S Mobile Work Table						X										BK Resources	SVTOB-1836																										
C11	1	Work Top Refrigerator	w/ 2" Casters					X										Atosa	MGF8403GR		X		115.00 V	1	2.80 A	322 W	1/5	5-15P	1' - 6"			Power From Item #C24												
C12	1	Heat Lamp	Mounted to Underside of Top Shelf of Item# C13.1					X										Hatco	GRAIH-72	X			120.00 V	1	14.40 A	1725 W			5' - 6"	X																
C13	1	S/S Work Table	w/ Tool Drawer & 48" Partial Undershelf					X										John Boos	ST63696SSK																										
C13.1	1	Table-Mounted Double Overshelf						X										John Boos	OSE26FK-1296																										
C13.2	1	Weld-In S/S Rinse Sink (16" x 20" x 14")	w/ Twist Drain & Overflow					X										BK Resources	BKFB-1620-12-16																						1 1/2"					P.C. To Pipe (2) I.W. To Floor Sink
C13.3	1	Deck-Mounted Faucet w/ Swing Spout						X										T&S Brass	B-1123-CR														1/2"	1' - 0"		1/2"	1' - 0"							
C13.4	4	Ticket Rail						X										Admiral Craft	CM-36																										
C14	1	Work Top Refrigerator	w/ Casters					X										Atosa	MGF8403GR		X		115.00 V	1	2.80 A	322 W	1/5	5-15P	1' - 6"			Junction Box To Be Mounted To Underside of Item #C15												
C15	1	S/S Work Table	w/ Open Base					X										John Boos	ST6-36144SBK																										
C16	1	Refrigerated Prep Table						X										Hoshizaki	SR36B-15M		X		115.00 V	1	2.30 A	264.5 W	1/5	5-15P	1' - 6"																
C17	1	Exhaust Hood						X										Halton	KVW	X		X	120.00 V	1	1.68 A				8' - 8"			Power For Lights, E.C. To Verify Rough-In Height, See Mfr's Detail Drawings, E.C. To Interwire w/ Item #B20												
C17.1	4	Make Up Air Diffuser	Hood Supports By Hood Installer					X										Halton	KCD																										
C17.2	1	(Lot) S/S Closure Panels						X										Halton	Custom																										
C17.3	1	Spare Number																																											
C17.4	1	Wall-Mounted Fire Suppression System	For Item #C17					X										Halton	R102	X			120.00 V	1	15.00 A				8' - 8"			E.C. To Interwire w/ Item #B20 (Fan Control System), Dedicated Circuit w/ 24 Hour Power, See Mfr's Detail Drawings												
C17.5	2	Wall-Mounted Remote Pull Station						X										Halton	Custom														E.C. To Provide Empty JB Per STD DTL 5.10												
C18	1	Refrigerated Equipment Stand	w/ Casters					X										Atosa	MGF8452GR		X		115.00 V	1	2.30 A	264.5 W	1/7	5-15P	1' - 6"																
C19	1	24"W Countertop Gas Charbroiler	w/ 2" Legs					X										Turbo Air	TARB-24																								3/4"	3' - 0"	60,000 Btu/h	X	
C20	1	Countertop Dump Station						X										Hatco	GRFFB		X		120.00 V	1	6.30 A	750 W		5-15P	1' - 6"																
C21	1	Gas Fryer	w/ Casters					X										Imperial	IFS-40																								3/4"	3' - 0"	105,000 Btu/h	X	
C22	1	Undercounter Freezer	w/ Casters					X										Hoshizaki	EUF27A		X		115.00 V	1	1.20 A	138 W	1/5	5-15P	1' - 6"																
C23	1	S/S Work Table	36x138 w/ 69" Partial Undershelf					X										John Boos	Custom																										
C23.1	2	Welded-In S/S Rinse Sink (24" x 24" x 14")	w/ Twist Drain & Overflow					X										John Boos	CUT2424146																						1 1/2"					P.C. To Pipe To Floor Sink
C23.2	1	Deck-Mounted Faucet w/ Swing Spout						X										T&S Brass	5F-8DLX18														1/2"	1' - 0"		1/2"	1' - 0"							
C24	4	Ceiling-Mounted Drop Cord Reels (5-20R)										X		X				To Be Determined	To Be Determined	X			120.00 V	1	20.00 A	2400 W		5-20R				D.F.A., E.C. To Verify Electrical Requirements												
C25	1	Microwave Oven						X										Amana	RMS10TSA		X		120.00 V	1	13.00 A	1500 W		5-15P	2' - 10"			Junction Box To Be Mounted To Underside Of Item #C10												
C26	1	Ice Maker						X									X	Hoshizaki	KML-500MAJ	X			115.00 V	1	7.60 A	874 W			5' - 0"			2 Wire + Ground	1/2"		X					3/4"					P.C. To Pipe To Floor Sink. F.W. From Item #C26.2
C26.1	1	Ice Bin						X										Hoshizaki	B-500SF																						3/4"					P.C. To Pipe To Floor Sink
C26.2	1	Water Filter						X									X	Hoshizaki	H9320-51														3/8"	7' - 0"											F.W. To Item #C26
C26.3	1	Spare Number																																											
D01	1	3-Compartment Sink	24 "x18"x14" Bowls					X										BK Resources	BKS-3-1824-14-24TS																						2"					(3) Indirect Waste Required. P.C. To Pipe To Floor Sink
D01.1	1	Splash-Mounted Pre-Rinse Faucet	w/ Wall Bracket					X									X	T&S Brass	B-0133-12ACBJST														1/2"	1' - 0"		1/2"	1' - 0"							
D01.2	1	Splash-Mounted Faucet w/ Swing Spout						X										T&S Brass	5F-8WLX14														1/2"	1' - 0"		1/2"	1' - 0"							
D02	1	Wall Shelf						X									X	BK Resources	BKWS-1224																										
D03	1	Wall Shelf w/ Pot Rack						X									X	BK Resources	BKWS-1260-PR																										
D04	2	Wall-Mounted S/S Hand Sink	w/ Faucet, Wrist Handles, & Side Splashes					X									X	BK Resources	BKHS-D-SS-SS-P-G														1/2"	1' - 6"		1/2"	1' - 6"		1 1/2"	1' - 6"						
D04.1	2	Wall-Mounted Soap Dispenser								X						X		To Be Determined	To Be Determined																										
D04.2	2	Wall-Mounted Paper Towel Dispenser									X					X		Georgia Pacific	59488A																										
D04.3	1	Eye Wash Faucet Attachment						X										BK Resources	BK-EWS																										
D05	1	Soiled Dishtable						X										John Boos	SDT4-S72SBK-L																						2"					P.C. To Pipe To Floor Sink
D05.1	1	Splash-Mounted Pre-Rinse Faucet	w/ Wall Bracket					X									X	T&S Brass	B-0133-CR-BJSTK														1/2"	1' - 0"		1/2"	1' - 0"							
D06	1	Ventless Door-Type Dishwasher						X									X	Champion	DH6000T-VHR	X			208.00 V	1	77.00 A	16016 W			5' - 0"			100 Amp Maximum Overcurrent Proection	3/4"	7' - 0"						1 1/2"					
D06.1	1	Drain Water Tempering Kit						X										Champion	Custom														1/2"	1' - 0"											
D06.2	1	Electrical Disconnect Switch										X						To Be Determined	To Be Determined														E.C. To Interwire w/ Item #D06												
D06.3	1	Water Softener						X										Everpure	DEV998053														3/4"	1' - 0"											P.C. To Plumb To Item #G13
D07	1	Clean Dishtable	w/ Side Splash					X										John Boos	CDT4-S84SBK-R																										
D08	1	Wall Shelf						X									X	BK Resources	BKWS-1272																										
D09	1	Tubular Rack Shelf						X									X	BK Resources	BK-TSH-42																										

GAS TYPE LEGEND:

- NATURAL GAS
- LIQUID PROPANE
- TO BE DETERMINED

SEE DRAWING #FS-500 FOR C.K.V. MECHANICAL INFORMATION.

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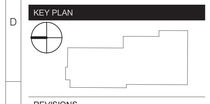
ROCKLAND BOCES
ROOTED IN THE COMMUNITY

ROCKLAND BOCES P-TECH C-TEC BUILDING

SED #: 50-90-00-00-0-044-001

65 PARROT RD,
WEST NYACK, NY 10994

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET ISSUANCE
DATE: 06/30/2025
SCALE: 1/4" = 1'-0"
SHEET NAME: FOODSERVICE EQUIPMENT M.E.P. SCHEDULE
SHEET NUMBER: FS-352

BID SET

DRAWN BY: JH/DV
CHECKED BY: JH/Author
Autodesk Docs://1504 - Rockland BOCES - West Nyack NY - v2023/1504_Rockland BOCES NY_FS.rvt
6/12/2025 11:48:06 AM

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Foodservice M.E.P. Equipment Schedule - E-F

Item #	Qty	Equipment Description	Remarks	Existing To Remain	Existing To Be Relocated	Existing to Be Reinstalled	Existing To Be Modified	Supplied By: F.S.E.C.	Supplied By: F.S. Operator	Supplied By: Owner	Supplied By: Vendor	Supplied By: G.C.	Supplied By: E.C.	Supplied By: P.C.	Supplied By: H.V.A.C./M.C.	Wall Blocking By: G.C.	Factory Start Up Required	Manufacturer	Model	JB (Direct)	SR (Plug)	Data/Telephone	Volts	Phase	FL Amps	Watts	HP	Plug Configuration (NEMA)	Elec Conn Rl Height (A.F.F.)	Remote On/Off Switch By E.C. Interwire w/ Building Fire Alarm System By E.C.	Electrical Remarks	Cold Water Size	Cold Water Rl Height	Filtered Water Required	Hot Water Size	Hot Water Rl Height	Water Quick Disconnect Hose By F.S.E.C.	Direct Waste Size	Direct Waste Rl Height	Indirect Waste Size	Gas Size	Gas Rl Height	Gas Input (BTUs)	Gas Quick Disconnect Hose By F.S.E.C.	Plumbing Remarks
E01	1	S/S Mobile Work Table						X										BK Resources	SVTOB-1836																								
E02	1	Exhaust Hood						X										Halton	KVE	X		X	120.00 V	1	1.44 A				8' - 8"		Power For Lights, E.C. To Verify Rough-In Height, See Mfr's Detail Drawings, E.C. To Interwire w/ Item #E21														
E02.1	3	Make Up Air Diffuser	Hood Supports By Hood Installer					X										Halton	KCD																								
E02.2	1	(Lot) S/S Closure Panels						X										Halton	Custom																								
E02.3	1	Modulating Damper						X										Halton	Custom	X		X	120.00 V	1	15.00 A	1800 W			8' - 8"		E.C. To Verify Rough-In Height, See Mfg. Detail Drawings, E.C. To Interwire w/ Item #E21														
E02.4	1	Wall-Mounted Manual Hood Filter Removal Tool						X										Halton	To Be Determined																								
E02.5	1	S/S Wall Panels						X										Custom	Custom																								
E03	1	Gas Convection Oven	w/ 6" Casters					X										Southbend	TVGS/12SC		X		120.00 V	1	7.90 A	948 W	1/2	5-15P	1' - 6"											1"	1' - 0"	52,000 Btu/h	X	
E04	2	Wall-Mounted S/S Hand Sink	w/ Faucet, Wrist Handles, & Side Splashes					X								X		BK Resources	BKHS-D-SS-SS-P-G													1/2"	1' - 6"	1/2"	1' - 6"	1 1/2"	1' - 6"					
E04.1	2	Wall-Mounted Soap Dispenser									X							To Be Determined	To Be Determined																								
E04.2	2	Wall-Mounted Paper Towel Dispenser										X				X		Georgia Pacific	59488A																								
E05	2	Induction Cookers						X										Equipex	GL2-7000F		X		208.00 V	1	34.00 A	7000 W		6-50P	4' - 0"														
E06	1	Reach-In Freezer	w/ Casters					X										Arctic Air	AF49		X		115.00 V	1	12.00 A	1380 W	1	5-15P	1' - 6"														
E07	1	Reach-In Refrigerator	w/ Casters					X										Atosa	MBF8005GR		X		115.00 V	1	3.20 A	368 W	1/5	5-15P	6' - 8"		Power From Item #E17												
E08	1	Mobile Proofer Cabinet						X										BK Resources	HPC1I		X		120.00 V	1	12.50 A	1500 W		5-15P														
E09	1	Rotating Rack Oven	w/ Rack					X									X	Doyon	SRO1G	X			208.00 V	3	10.00 A	3000 W			8' - 0"		3 Wire + Ground	1/2"	8' - 0"	X					3/4"	1"	8' - 0"	175,000 Btu/h		P.C. To Pipe To Floor Sink, F.W. From Item #E09.2
E09.1	1	Spare Number																																								
E09.2	1	Water Filter						X								X		Doyon	50-1530													3/4"	2' - 0"										F.W. To Item# E09
E10	2	S/S Work Table	w/ Undershelf					X										BK Resources	CVT-7230																								
E11	2	S/S Work Table	w/ Undershelf					X										BK Resources	CVT-9630																								
E12	1	40 Qt. Mixer						X										Vollrath	40759		X		208.00 V	1	12.00 A	2500 W	1 1/2	6-15P			Power From Item #E17												
E13	1	SS Work Table	30x180 w/ Backsplash, Side Splash					X										John Boos	Custom																								
E13.1	2	Welded-In S/S Sink (20" x 20" x 12")	w/ Twist Drain & Overflow					X										John Boos	CUT2020126																			2"					P.C. To Pipe To Floor Sink
E13.2	1	Deck-Mounted Faucet w/ Swing Spout						X										T&S Brass	5F-8DLX16													1/2"	1' - 0"		1/2"	1' - 0"							
E14	2	Wall Shelf						X								X		BK Resources	BKWS-1272																								
E15	3	Ceiling-Mounted Drop Cord Reels (5-20R)											X					To Be Determined	To Be Determined	X			120.00 V	1	20.00 A	2400 W		5-20R			D.F.A., E.C. To Verify Electrical Requirements												
E16	1	Bug Light										X				X		To Be Determined	To Be Determined		X		120.00 V	1	5.00 A	600 W		5-15P	7' - 0"		E.C. To Verify Electrical Requirements												
E17	3	Ceiling-Mounted Drop Cord Reels (5-20R)											X					To Be Determined	To Be Determined	X			120.00 V	1	20.00 A	2400 W		5-20R			D.F.A., E.C. To Verify Electrical Requirements												
E18	1	Wall-Mounted Fire Suppression System	For Items #E02 & F02					X										Halton	R102	X			120.00 V	1	15.00 A				8' - 8"		E.C. To Interwire w/ Item #E21 (Fan Control System), Dedicated Circuit w/ 24 Hour Power, See Mfr's Detail Drawings														
E18.1	2	Wall-Mounted Remote Pull Station						X										Halton	Custom													E.C. To Provide Empty JB Per STD DTL 5.10												
E19	1	Exhaust Fan													X			Custom	Custom																								
E19.1	1	(Lot) Exhaust Air Ductwork													X			Custom	Custom																								
E20	1	Make Up Air Fan													X			Custom	Custom																								
E20.1	1	(Lot) Make Up Air Ductwork													X			Custom	Custom																								
E21	1	Fan Control System (Demand Control Ventilaton)	For Items # E02, F02					X									X	Halton	M.A.R.V.E.L. Basic 2	X		X	120.00 V	1	15.00 A				7' - 0"	X	w/ Cat 6 Cable, E.C. To Verify Rough-In Height, Dedicated Circuit w/ 24 Hour Power, See Mfr's Detail Drawings														
E21.1	1	Spare Number																																								
E21.2	1	Wall-Mounted Room Temperature Sensor	Part Of Item #E21 (Fan Control System)					X										Halton	To Be Determined		X																						
F01	2	Wall-Mounted S/S Hand Sink	w/ Faucet, Wrist Handles, & Side Splashes					X										BK Resources	BKHS-D-SS-SS-P-G													1/2"	1' - 6"	1/2"	1' - 6"	1 1/2"	1' - 6"					
F01.1	2	Wall-Mounted Soap Dispenser									X							To Be Determined	To Be Determined																								
F01.2	2	Wall-Mounted Paper Towel Dispenser										X				X		Georgia Pacific	59488A																								
F02	1	Exhaust Hood						X										Halton	KVE	X		X	120.00 V	1	1.44 A				8' - 8"		Power For Lights, E.C. To Verify Rough-In Height, See Mfr's Detail Drawings, E.C. To Interwire w/ Item #E21														
F02.1	3	Make Up Air Diffuser	Hood Supports By Hood Installer					X										Halton	KCD																								
F02.2	1	(Lot) S/S Closure Panels						X										Halton	Custom																								
F02.3	1	Modulating Damper						X										Halton	Custom	X		X	120.00 V	1	15.00 A	1800 W			8' - 8"		E.C. To Verify Rough-In Height, See Mfg. Detail Drawings, E.C. To Interwire w/ Item #E21														
F02.4	1	S/S Wall Panels						X										Custom	Custom																								
F03	2	Gas Convection Oven						X										Southbend	TVGS/12SC		X		120.00 V	1	7.90 A	948 W	1/2	5-15P	1' - 6"											1"	1' - 0"	52,000 Btu/h	X	
F04	1	36"W Countertop Gas Griddle						X										Star	636TF																						3/4"	3' - 0"	84,900 Btu/h	X	
F05	1	Spare Number																																								
F06	2	36"W Countertop Gas Charbroiler						X										Turbo Air	TARB-36																						3/4"	3' - 0"	90,000 Btu/h	X	
F07	1	Gas Fryer						X										Imperial	IFS-40																						3/4"	3' - 0"	105,000 Btu/h	X	
F07.1	1	Side Splash						X										John Boos	Custom																								
F08	1	Fry Dump	w/ Heat Lamp					X										Imperial	IF-DS		X		120.00 V	1	6.80 A	816 W		5-15P	4' - 0"														
F09	1	Gas Pizza Oven						X									X	Wood Stone	FD-9660-RFGLR-IR	X			120.00 V	1	2.00 A	240 W			1' - 6"											1"	1' - 2"	350,000 Btu/h		
F09.1	1	Exhaust Fan						X										Wood Stone	WS-GSV-014	X			120.00 V	1	2.90 A	350 W			0' - 6"	X	E.C. To Interwire Interlock Relay. Verify Rough-In Height.													
F09.2	1	Direct Vent Ductwork													X			To Be Determined	To Be Determined																								
F10	4	Induction Cookers						X										Equipex	GL2-7000F		X		208.00 V	1	34.00 A	7000 W		6-50P	4' - 0"														
F11	1	Pizza Prep Table	w/ Overshelf					X										Hoshizaki	PR67B		X		115.00 V	1	6.00 A	690 W	1/2	5-15P	1' - 6"		15 Amp Breaker Required												
F12	2	Utility Cart						X										Vollrath	97102																								
F13	12	S/S Mobile Work Table	w/ Undershelf					X										BK Resources	SVT-6030																								
F14	8	Mobile Heated Holding Cabinet						X										Carter-Hoffman	HL3-18		X		120.00 V	1	15.00 A	1750 W		5-20P			Power from Item #F20												
F15	1	Spare Number																																								
F16	1	Walk-In Freezer						X										Amerikooler	Custom	X			115.00 V	1	2.20 A				9' - 0"														
F16.1	1	Strip Curtains						X										Himi	FC1000																								
F16.2	1	(Lot) S/S Closure Panels						X										Amerikooler	Custom																								
F16.3	1	Freezer Evaporator Coil						X										ColdZone	CL6E105DDA	X			208.00 V	1	10.80 A	2246.4 W			8' - 0"		E.C. To Verify Rough-In Height, See Mfr's Detail Drawings									3/4"				P.C. To Pipe To Floor Drain
F16.4	1	Drain Line Heater	By Refrigeration Contractor					X										Custom	Custom	X			120.00 V	1	15.00 A	1800 W			8' - 0"		E.C. To Verify Rough-In Height, See Mfr's Detail Drawings												
F16.5	1	Compressor	Install & Mount In Curb by HVAC					X										ColdZone	CFO300L4SEA	X			208.00 V	3	15.00 A	5400 W	3		0' - 6"		E.C. To Interwire Interlock Relay. Verify Rough-In Height												
F17	1	Walk-In Cooler						X										Amerikooler	Custom	X			115.00 V	1	2.20 A				9' - 0"														
F17.1	1	Strip Curtains						X										Himi	FC1000																								
F17.2	1	Cooler Evaporator Coil						X										ColdZone	CL6A073ADA	X			115.00 V	1	1.60 A	184 W			9' - 0"		E.C. To Verify Rough-In Height, See Mfr's Detail Drawings									3/4"				P.C. To Pipe To Floor Drain
F17.3	1	Compressor	Install & Mount In Curb by HVAC					X										ColdZone	CFO080M4SEA	X			208.00 V	3	15.00 A	5400 W	3/4		0' - 6"		E.C. To Interwire Interlock Relay. Verify Rough-In Height												
F18	1	Walk-In Cooler						X										Amerikooler	Custom	X			115.00 V	1	2.20 A				9' - 0"														
F18.1	1	Strip Curtains						X										Himi	FC1000																								
F18.2	1	Cooler Evaporator Coil						X										ColdZone	CL6A073ADA	X			115.00 V	1	1.60 A	184 W			9' - 0"		E.C. To Verify Rough-In Height, See Mfr's Detail Drawings									3/4"				P.C. To Pipe To Floor Drain
F18.3	1	Compressor	Install & Mount In Curb by HVAC					X										ColdZone	CFO080M4SEA	X			208.00 V	3	15.00 A	5400 W	3/4		0' - 6"		E.C. To Interwire Interlock Relay. Verify Rough-In Height												

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ROCKLAND BOCES
ROOTED IN THE COMMUNITY

ROCKLAND BOCES P-TECH C-TEC BUILDING

SED #: 50-90-00-00-0-044-001

65 PARROT RD,
WEST NYACK, NY 10994

KEY PLAN

REVISIONS

No.	Description	Date

ISSUED: BID SET ISSUANCE

DATE: 06/30/2025

SCALE:

SHEET NAME:
FOODSERVICE EQUIPMENT M.E.P. SCHEDULE

SHEET NUMBER:
FS-353

BID SET

DRAWN BY: Author
CHECKED BY: Checker
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PROJECT NUMBER: 2333403.01

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Foodservice M.E.P. Equipment Schedule - F-W

Item #	Qty	Equipment Description	Remarks	Existing To Remain	Existing To Be Relocated	Existing to Be Reinstalled	Existing To Be Modified	Supplied By F.S.E.C.	Supplied By F.S. Operator	Supplied By Owner	Supplied By Vendor	Supplied By C.C.	Supplied By P.C.	Supplied By H.V.A.C./M.C.	Wall Blocking By G.C.	Factory Start Up Required	Manufacturer	Model	UB (Direct)	SR (Plug)	Data/Telephone	Volts	Phase	FL Amps	Watts	HP	Plug Configuration (NEMA)	Elec Conn Rl Height (A.F.F.)	Remote On/Off Switch By E.C.	Interwire w/ Building Fire Alarm System By E.C.	Electrical Remarks	Cold Water Size	Cold Water Rl Height	Filtered Water Required	Hot Water Size	Hot Water Rl Height	Water Quick Disconnect Hose By F.S.E.C.	Direct Waste Size	Direct Waste Rl Height	Indirect Waste Size	Gas Size	Gas Rl Height	Gas Input (BTUs)	Gas Quick Disconnect Hose By F.S.E.C.	Plumbing Remarks
F19	1	Walk-In Cooler						X									Amerikooler	Custom	X			115.00 V	1	2.20 A				9' - 0"																	
F19.1	1	Strip Curtains						X									Himi	FC1000																										
F19.2	1	Cooler Evaporator Coil						X									ColdZone	CL6A073ADA	X			115.00 V	1	1.60 A	184 W			9' - 0"			E.C. To Verify Rough-In Height, See Mfr's Detail Drawings								3/4"				P.C. To Pipe To Floor Drain
F19.3	1	Compressor	Install & Mount In Curb by HVAC					X									ColdZone	CFO080M4SEA	X			208.00 V	3	15.00 A	5400 W	3/4		0' - 6"			E.C. To Interwire Interlock Relay. Verify Rough-In Height												
F20	8	Ceiling-Mounted Drop Cord Reels (5-20R)										X			X		To Be Determined	To Be Determined	X			120.00 V	1	20.00 A	2400 W		5-20R				D.F.A., E.C. To Verify Electrical Requirements												
G01	3	Wall-Mounted S/S Hand Sink	w/ Faucet, Wrist Handles, & Side Splashes					X							X		BK Resources	BKHS-D-SS-SS-P-G														1/2"	1' - 6"		1/2"	1' - 6"		1 1/2"	1' - 6"					
G01.1	3	Wall-Mounted Soap Dispenser									X						To Be Determined	To Be Determined																										
G01.2	3	Wall-Mounted Paper Towel Dispenser										X			X		Georgia Pacific	59488A																										
G01.3	1	Eye Wash Faucet Attachment						X									BK Resources	BK-EWS																										
G02	1	3-Compartment Sink						X									BK Resources	BKS-3-1824-14-24TS																						2"				(3) Indirect Waste Required. P.C. To Pipe To Floor Sink
G02.1	1	Splash-Mounted Pre-Rinse Faucet	w/ Wall Bracket					X							X		T&S Brass	B-0133-12ACBJST														1/2"	1' - 0"		1/2"	1' - 0"								
G02.2	1	Splash-Mounted Faucet w/ Swing Spout						X									T&S Brass	5F-8WLX14														1/2"	1' - 0"		1/2"	1' - 0"								
G03	1	Wall Shelf						X							X		BK Resources	BKWS-1224																										
G04	1	Wall Shelf w/ Pot Rack						X							X		BK Resources	BKWS-1260-PR																										
G05	1	Work Table						X									John Boos	ST6R5-30144SSK																										
G05.1	1	Weld-In S/S Rinse Sink (16" x 20" x 12")	w/ Twist Drain & Overflow					X									John Boos	CUT1620126																						2"				P.C. To Pipe To Floor Sink
G05.2	1	Deck-Mounted Faucet w/ Swing Spout						X									T&S Brass	B-1123-CR														1/2"	1' - 0"		1/2"	1' - 0"								
G06	1	Wall Shelf						X							X		BK Resources	BKWS-1284																										
G07	1	Countertop Bulk Coffee Brewer						X									Fetco	CBS-52H-15 (C52046)	X			208.00 V	3	29.60 A	12100 W			4' - 0"			4-Wire + Ground. 120/208 Dual Voltage Unit	3/8"		X									Filtered Water From Item #G09
G07.1	2	Countertop Insulated Coffee Servers						X									Fetco	D449TLA																										
G08	1	Spare Number																																									
G09	1	Water Filter						X							X		Everpure	QC7I PF TWIN 7FC-S														3/4"	6' - 0"											Filtered Water To Item #G08, X12
G10	6	Utility Cart						X									Vollrath	97102																										
G11	1	Spare Number																																									
G12	1	Custom U-Shaped Soiled Dishtable						X									John Boos	Custom																										
G12.1	1	Welded-In S/S Sink (20" x 20" x 8")						X									John Boos	Custom																						1 1/2"				P.C. To Pipe To Floor Sink
G12.2	1	Splash-Mounted Pre-Rinse Faucet	w/ Wall Bracket					X							X		T&S Brass	B-0133-CR-BJSTK														1/2"	1' - 0"		1/2"	1' - 0"								
G12.3	1	Table-Mounted Double-Sided Rack Shelf						X									John Boos	Custom																										
G13	1	Ventless Conveyor Dishwasher	Right to left operation					X								X	Champion	44 PRO VHR Electric	X			208.00 V	3	78.00 A	15000 W	2		4' - 6"			100 Amp Maximum Overcurrent Proection	1/2"	4' - 0"		1/2"	4' - 0"				1 1/4"				P.C. To Pipe To Floor Sink. Plumb to G13.5
G13.1	1	Additional Utility Information for Booster						X								X	Champion	Custom	X			208.00 V	3	59.00 A	21000 W			4' - 6"			80 Amp Maximum Overcurrent Proection												
G13.2	1	Table Limit Switch						X								X	Champion	Custom														E.C. To Interwire w/ Item #G13												
G13.3	1	Drain Water Tempering Kit						X									Champion	Custom															1/2"	1' - 0"										
G13.4	1	Spare Number																																									
G13.5	1	Water Softener						X									Everpure	DEV998053														3/4"	1' - 0"											P.C. To Plumb To Item #G13
G14	1	Clean Dishtable						X									John Boos	CDT4-S108SBK-L																										
G15	1	Wall Shelf						X							X		BK Resources	BKWS-1260																										
H01	7	Rack Dolly						X									Crestware	RDOLLY2																										
H02	5	Dish Dolly						X									Metro	PCD12																										
J01	1	Milk Cooler						X									Traulsen	RMC49D4		X		115.00 V	1	3.20 A	368 W		5-15P	1' - 6"			Power from Item #J09												
J02	2	Refrigerated Cold Food Station						X									Vollrath	37045		X		120.00 V	1	8.00 A	960 W	1/5	5-15P	1' - 6"			Power from Item #J09								1"				Drain To Bucket
J03	2	3-Well Hot Food Station						X									Vollrath	37030		X		120.00 V	1	17.00 A	2040 W		5-30P	1' - 6"			Power from Item #J09								3/4"				Drain To Bucket
J04	1	Wall-Mounted S/S Hand Sink	w/ Faucet, Wrist Handles, & Side Splashes					X							X		BK Resources	BKHS-D-SS-SS-P-G														1/2"	1' - 6"		1/2"	1' - 6"		1 1/2"	1' - 6"					
J04.1	1	Wall-Mounted Soap Dispenser										X					To Be Determined	To Be Determined																										
J04.2	1	Wall-Mounted Paper Towel Dispenser											X		X		Georgia Pacific	59488A																										
J05	1	Refrigerated Prep Table						X									Hoshizaki	SR48B-12		X		115.00 V	1	3.00 A	345 W	1/5	5-15P	1' - 6"			15 Amp Breaker Required												
J06	1	Reach-In Refrigerator						X									Atosa	MBF8005GR		X		115.00 V	1	3.20 A	368 W	1/5	5-15P	6' - 8"																
J07	4	Mobile Heated Holding Cabinet						X									Carter-Hoffman	HL3-18		X		120.00 V	1	15.00 A	1750 W		5-20P																	
J08	1	Spare Number																																									
J09	1	Power Pole	w/ 5-15R & 5-20R Duplex Receptacles					X									AVTEC	ELECTRA POLEM	X													E.C. To Refer To Manuf. Detail Drawings												
J09.1	1	Power Pole	w/ 5-15R & 5-20R Duplex Receptacles					X									AVTEC	ELECTRA POLEM	X													E.C. To Refer To Manuf. Detail Drawings												
J09.2	1	Power Pole	w/ 5-20R & 5-30R Duplex Receptacles					X									AVTEC	ELECTRA POLEM	X													E.C. To Refer To Manuf. Detail Drawings												
K01	1	Undermount S/S Hand Sink						X									BK Resources	BKFB-1410-8-14																						1 1/2"				
K01.1	1	Deck-Mounted Gooseneck Faucet						X									T&S Brass	B-1141-XS														1/2"	1' - 0"		1/2"	1' - 0"								
K01.2	1	Drop-In Soap Dispenser						X									Bobrick	B-8226																										
K01.3	1	Drop-In Paper Towel Dispenser						X									Bobrick	B-526																										
K01.4	2	Splash Guard						X									Vollrath	Custom																										
K02	1	Millwork Counter						X				X					Custom	Custom																										
K02.1	1	Trash Ring						X									Vollrath	3Y0502																										
K03	1	Sliding Glass Door Refrigerator						X									Atosa	MCF8727GR		X		115.00 V	1	4.20 A	483 W	1/4	5-15P	1' - 6"																
K04	1	Glass Door Freezer						X									True	GDM-26F-HC~TSL01		X		115.00 V	1	9.50 A	1092.5 W	1	5-15P	1' - 6"																
S01	7	5-Tier Wire Shelving Unit	w/ Casters					X									Quantum	WR74-2436C-5																										
S02	43	5-Tier Wire Shelving Unit	w/ Casters					X									Quantum	WR74-2448C-5																										
S03	13	5-Tier Wire Shelving Unit	w/ Casters					X									Quantum	WR74-2460C-5																										
S04	7	Dunnage Rack						X									Cambro	DRS360480																										
S05	1	Dunnage Rack						X									Cambro	DRS480480																										
S06	1	4-Tier Wire Shelving Unit	w/ Casters					X									Quantum	WR63-2436C																										
S07	26	Corner Guard						X									BK Resources	CG-248																										
W01	16	23 Gallon Trash Container (Gray)						X									Winco	PTC-23SG																										
W02	8	23 Gallon Trash Container (Gray)						X									Winco	PTC-23SG																										

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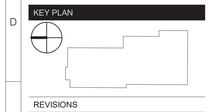
ROCKLAND BOCES
ROOTED IN THE COMMUNITY

ROCKLAND BOCES P-TECH C-TEC BUILDING

SED #: 50-90-00-00-0-044-001

65 PARROT RD,
WEST NYACK, NY 10994

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET ISSUANCE

DATE: 06/30/2025

SCALE:

SHEET NAME:
FOODSERVICE EQUIPMENT M.E.P. SCHEDULE

SHEET NUMBER:
FS-354

BID SET

DRAWN BY: Author
CHECKED BY: Checker
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Foodservice M.E.P. Equipment Schedule - X

Item #	Qty	Equipment Description	Remarks	Existing To Remain	Existing To Be Relocated	Existing to Be Reinstalled	Existing To Be Modified	Supplied By F.S.E.C.	Supplied By F.S. Operator	Supplied By Owner	Supplied By Vendor	Supplied By G.C.	Supplied By E.C.	Supplied By P.C.	Supplied By H.V.A.C./M.C.	Wall Blocking By G.C.	Factory Start Up Required	Manufacturer	Model	JB (Direct)	SR (Plug)	Data/Telephone	Volts	Phase	FL Amps	Watts	HP	Plug Configuration (NEMA)	Elec Conn Rl Height (A.F.F.)	Remote On/Off Switch By E.C.	Interwire w/ Building Fire Alarm System By E.C.	Electrical Remarks	Cold Water Size	Cold Water Rl Height	Filtered Water Required	Hot Water Size	Hot Water Rl Height	Water Quick Disconnect Hose By F.S.E.C.	Direct Waste Size	Direct Waste Rl Height	Indirect Waste Size	Gas Size	Gas Rl Height	Gas Input (BTUs)	Gas Quick Disconnect Hose By F.S.E.C.	Plumbing Remarks
X01	1	Multifunction Skillet	w/ Stand	X														Rational	iVario 2-XS	X			208.00 V	3	48.00 A	15000 W			1' - 6"			E.C. To Verify Electrical Requirements	3/4"		X											P.C. To Verify Plumbing Requirements, F.W. From Item #X01.1
X01.1	1	Water Filter		X												X		Rational	To Be Verified														3/4"	4' - 0"												Filtered Water For Item #X01. P.C. To Verify Plumbing Requirements
X02	1	Gas Combi Oven	w/ Mobile Stand	X														Rational	iCombi 6 FULL	X			208.00 V	2	4.30 A	900 W			1' - 6"			E.C. To Verify Electrical Requirements	3/4"		X				2"			3/4"	1' - 0"	106,500 Btu/h		P.C. To Verify Plumbing Requirements, F.W. From Item #X02.1, P.C. Pipe To Floor Sink
X02.1	1	Water Filter		X												X		Rational	To Be Verified														3/4"	4' - 0"												Filtered Water For Item #X02. P.C. To Verify Plumbing Requirements
X03	1	Hot Dog Cart		X														To Be Verified	To Be Verified																										
X04	2	3-Door Reach-In Refrigerator		X														True	T-72		X		115.00 V	1	11.80 A	1357 W	1/2	5-15P	1' - 6"			E.C. To Verify Electrical Requirements														
X05	1	Vacuum Packing Machine		X														Waring	WCV300		X		120.00 V	1	3.17 A	380 W		5-15P	4' - 0"			E.C. To Verify Electrical Requirements														
X06	1	Sous Vide System		X														To Be Verified	To Be Verified		X											E.C. To Verify Electrical Requirements														
X07	1	3-Door Work Top Refrigerator		X														Everest	ETBR3		X		115.00 V	1	3.70 A	425.5 W	1/3	5-15P				Power From Item #E17. E.C. To Verify Electrical Requirements														
X08	1	Wok Range		X														American Range	ARCR-31																					1 1/4"	1' - 0"	140,000 Btu/h		P.C. To Verify Plumbing Requirements
X09	3	36"W Refrigerated Base		X														Everest	ECB36D2		X		115.00 V	1	3.50 A	402.5 W	1/4	5-15P	1' - 6"			E.C. To Verify Electrical Requirements								1/2"					P.C. To Verify Plumbing Requirements
X10	1	Coffee Brewer		X														BUNN	To Be Verified		X		120.00 V	1	15.00 A	3550 W		5-15P	4' - 0"			E.C. To Verify Electrical Requirements														
X11	1	Countertop 20 Qt. Mixer		X														Vollrath	MIX1020		X		120.00 V	1	10.00 A	1200 W	1/2	5-15P	4' - 0"			E.C. To Verify Electrical Requirements														
X12	1	Ice Machine		X														Scotsman Ice	C0330MA-1D	X			115.00 V	1	11.70 A				5' - 0"			E.C. To Verify Electrical Requirements								3/4"					P.C. To Verify Plumbing Requirements
X12.1	1	Ice Bin		X														Scotsman	To Be Verified																				3/4"					P.C. To Verify Plumbing Requirements
X13	8	Ingredient Bin		X														To Be Verified	To Be Verified																										
X14	1	Worktop Refrigerator		X														True	TWT-72-HC		X		115.00 V	1	4.00 A	460 W	1/4	5-15P				Power From Item #E17. E.C. To Verify Electrical Requirements														
X15	1	5 Qt. Mixer		X														KitchenAid	To Be Verified		X		120.00 V	1	2.90 A		1/6	5-15P				Power From Item# E15. E.C. To Verify Electrical Requirements														
X16	1	Countertop Induction Range		X														Winco	ECIS-18C		X		120.00 V	1	15.00 A	1800 W		5-15P	4' - 0"			E.C. To Verify Electrical Requirements														
X17	1	Countertop Induction Range		X														Globe	GIR18		X		120.00 V	1	15.00 A	1800 W		5-15P	4' - 0"			E.C. To Verify Electrical Requirements														

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ROCKLAND BOCES P-TECH C-TEC BUILDING

SED #: 50-90-00-00-0-044-001

65 PARROT RD,
WEST NYACK, NY 10994

KEY PLAN

REVISIONS

No.	Description	Date

ISSUED: BID SET ISSUANCE

DATE: 06/30/2025

SCALE:

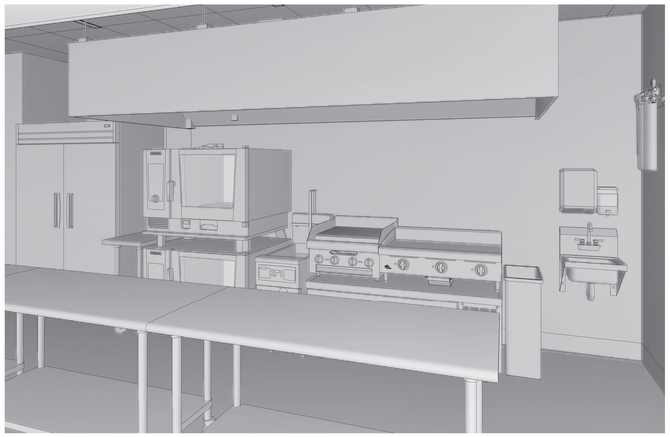
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FOODSERVICE EQUIPMENT M.E.P. SCHEDULE

SHEET NUMBER:
FS-355

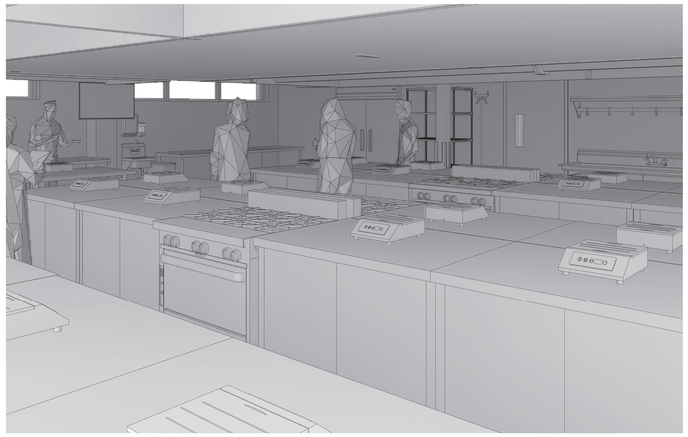
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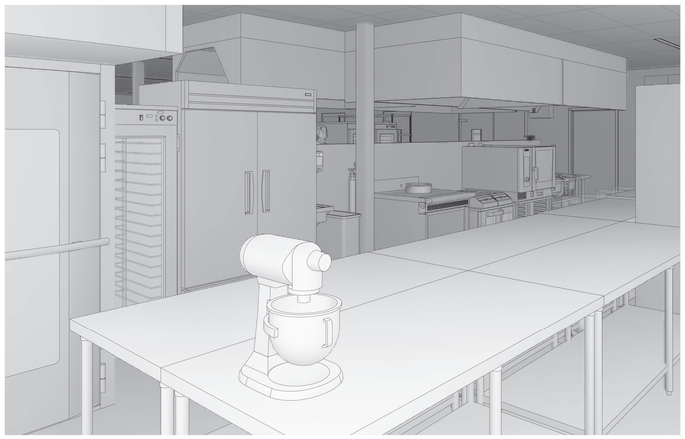
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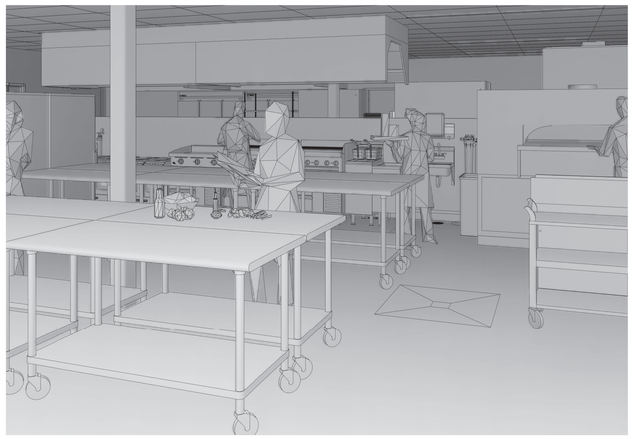
1 KITCHEN #1 - PERSPECTIVE VIEW 1



2 KITCHEN #1 - PERSPECTIVE VIEW 2



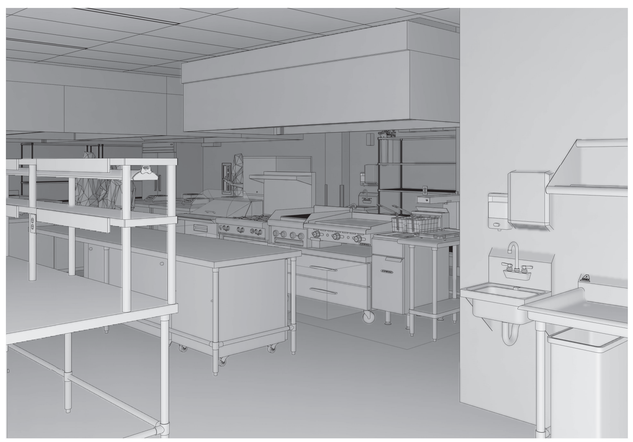
3 KITCHEN #2 - PERSPECTIVE VIEW 1



4 KITCHEN #2 - PERSPECTIVE VIEW 2



5 KITCHEN #3 - PERSPECTIVE VIEW 1



6 KITCHEN #3 - PERSPECTIVE VIEW 2

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ROCKLAND BOCES P-TECH C-TEC BUILDING

SED #: 50-90-00-00-0-044-001

65 PARROT RD,
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KEY PLAN

REVISIONS

No.	Description	Date

ISSUED: BID SET ISSUANCE

DATE: 06/30/2025

SCALE:

SHEET NAME:
FOODSERVICE PERSPECTIVE VIEWS

SHEET NUMBER:
FS-380

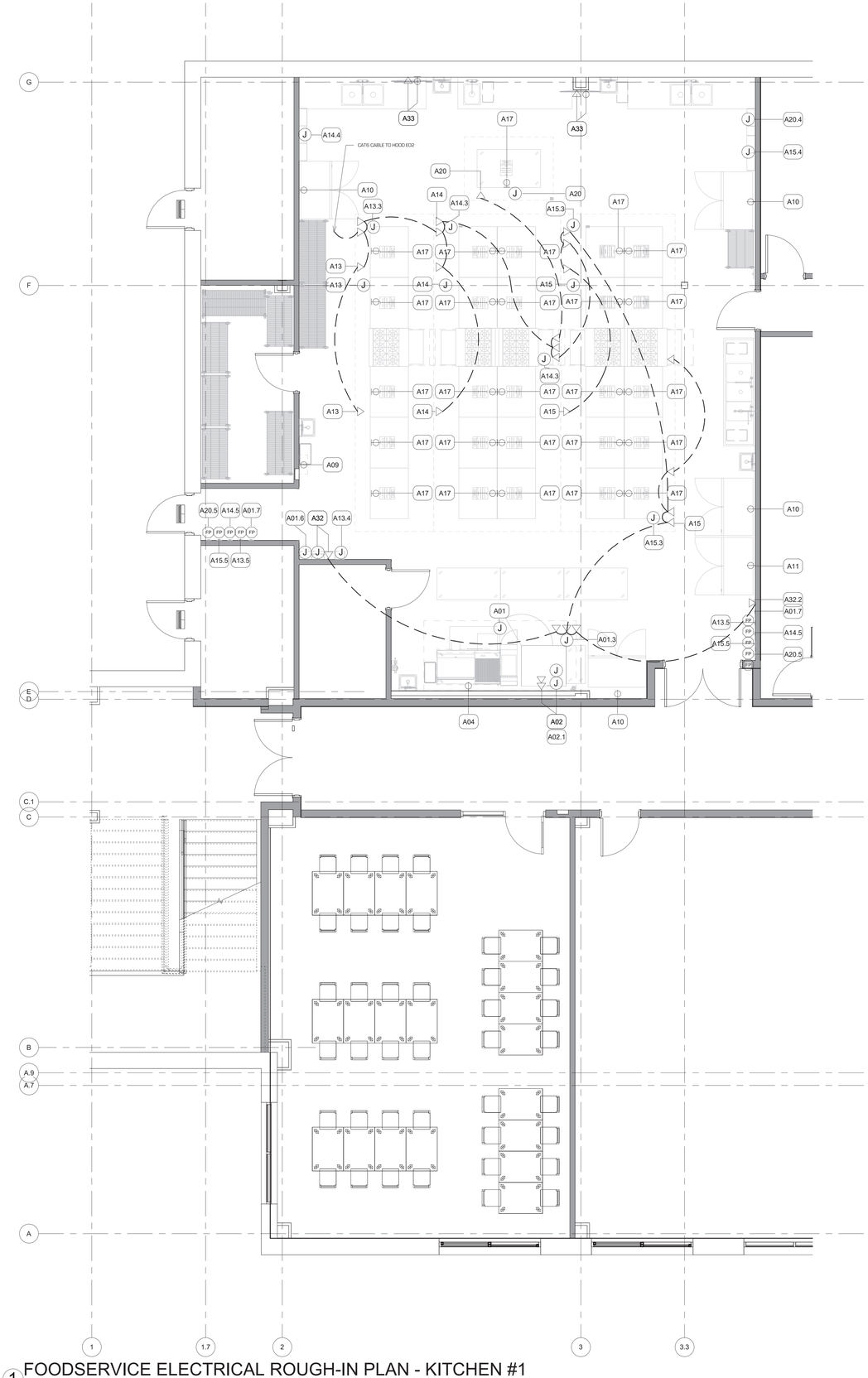
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PROJECT NUMBER: 2333403.01

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1 FOODSERVICE ELECTRICAL ROUGH-IN PLAN - KITCHEN #1
1/4" = 1'-0"

ELECTRICAL NOTES

1. THESE DRAWINGS SHOW ELECTRICAL REQUIREMENTS FOR FOODSERVICE ONLY [UNLESS OTHERWISE ILLUSTRATED]. FOR ALL OTHER REQUIREMENTS SEE ARCHITECTURAL / ENGINEERING DRAWINGS.
2. ALL PREVAILING LOCAL ELECTRICAL CODES TO BE ADHERED TO.
3. ELECTRICIAN TO PROVIDE ALL ROUGH-IN AND FINAL CONNECTIONS TO EQUIPMENT. ELECTRICIAN TO FURNISH ALL TRIM ACCESSORIES, DISCONNECTS, CONTACTORS, SWITCHES, RELAYS, ELECTRICAL WHIPS, ETC. ELECTRICIAN TO PROVIDE CORD AND PLUG AS REQUIRED OR MAKE DIRECT CONNECTION TO EACH ELECTRICAL ITEM.
4. ELECTRICIAN TO FURNISH AND INSTALL CONDUITS AND SLEEVES FOR WALK-IN BOX ITEM[S]. [IF APPLICABLE]
5. ELECTRICIAN TO SEAL ALL ELECTRICAL PENETRATIONS INTO WALK-IN BOXES. [IF APPLICABLE]
6. ALL WIRING TO BE CONCEALED IN PROTECTIVE OUTER CASING SUCH AS 'SEAL TIGHT' OR 'BX'. SEAL TIGHT IS THE PREFERRED METHOD WHENEVER POSSIBLE.
7. ALL DIMENSIONS ARE TO CENTERLINE OF ELECTRICAL BOXES FROM FINISHED WALLS, COLUMNS, OR FLOORS.
8. ELECTRICIAN TO FURNISH AND INSTALL ALARM SYSTEM IF REQUIRED BY LOCAL CODES AND SHALL ALSO BE RESPONSIBLE TO TIE IN FIRE SUPPRESSION SYSTEMS TO ALARM SYSTEM. [WHERE APPLICABLE]
9. ELECTRICAL ENGINEER MUST VERIFY THAT ADEQUATE ELECTRICAL POWER WILL STILL BE PROVIDED FOR ALL FOODSERVICE ITEMS IDENTIFIED AS EXISTING TO REMAIN OR EXISTING / RELOCATED.
10. FIRE SUPPRESSION SYSTEM [WHERE APPLICABLE] ELECTRICAL MICRO-SWITCH SUPPLIED BY FIRE SUPPRESSION SYSTEM CONTRACTOR. MICRO-SWITCH TO BE INSTALLED BY ELECTRICIAN TO SHUT OFF ALL COOKING EQUIPMENT IN CASE OF FIRE.
11. ELECTRICIAN TO SUPPLY & INSTALL SHUNT-TRIP BREAKERS TO ENSURE ELECTRICITY IS CUT OFF TO ANY SERVICES UNDER THE HOOD.
12. ELECTRICIAN TO ENSURE UPON FIRE SUPPRESSION SYSTEM TRIGGER THAT THE EXHAUST FAN COMES ON AT 100% & MAKE-UP AIR FAN SHUTS DOWN UNLESS OTHERWISE DIRECTED BY LOCAL CODE.
13. ALL FINAL CONNECTION DIMENSIONS TO EQUIPMENT ARE TO BE VERIFIED BY ELECTRICIAN.
14. REMOTE SWITCH FOR EXHAUST HOOD LIGHTS TO BE FURNISHED AND INSTALLED BY ELECTRICIAN.
15. ELECTRICIAN SHALL BE RESPONSIBLE FOR WIRING & MOUNTING OF ALL REMOTE SWITCHES / BALLASTS FOR FOODSERVICE EQUIPMENT AND / OR CASEWORK, LOCATION TO BE COORDINATED WITH F.S.E.C.
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17. ELECTRICIAN TO PROVIDE ALL FINAL CONNECTIONS AND INTERCONNECTIONS / CONTROL WIRING AS REQUIRED TO WALK-IN COMPONENTS. THIS INCLUDES, BUT IS NOT LIMITED TO, TIME CLOCK, DOOR HEATERS, LIGHTS, AND DRAIN LINE HEATER.
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19. ELECTRICAL LOAD PANELS FOR FOOD SERVICE EQUIPMENT: ELECTRICIAN TO MAKE INTERCONNECTIONS BETWEEN EQUIPMENT AND JUNCTION BOXES / LOAD PANELS AS REQUIRED. ELECTRICIAN TO MAKE ANY CONNECTIONS REQUIRED IF ANY COUNTERS ARE SHIPPED IN SECTIONS.
20. ELECTRICIAN TO FURNISH DEDICATED CIRCUITS FOR ALL FOODSERVICE EQUIPMENT ITEMS. [UNLESS OTHERWISE NOTED]
21. ALL NEW AND / OR EXISTING FOODSERVICE EQUIPMENT ITEMS SHOWN SHALL UTILIZE (WHEREVER FEASIBLE) EXISTING ELECTRICAL POWER SUPPLY LINES, JUNCTION BOXES AND / OR RECEPTACLE OUTLETS. [UNLESS OTHERWISE NOTED]
22. ELECTRICAL CONTRACTOR SHALL FIELD VERIFY ALL REQUIREMENTS FOR RELOCATING EQUIPMENT & UPGRADE AND / OR MODIFY SERVICE AS REQUIRED.
23. ELECTRICIAN TO PROVIDE ALL ROUGH-IN AND FINAL CONNECTIONS TO ALL EQUIPMENT, **INCLUDING HEAT LAMPS TO CONTROL BOX AND PENDANT LIGHTS.**
24. ELECTRICIAN TO FURNISH ALL TRIM ACCESSORIES, DISCONNECTS, CONTRACTORS, SWITCHES, RELAYS, ELECTRICAL WHIPS, ETC.
25. ELECTRICIAN TO PROVIDE CORD AND PLUG AS REQUIRED OR MAKE DIRECT CONNECTION TO EACH ELECTRICAL ITEM.
26. NATIONAL ELECTRICAL CODE 2110.8(B)(2) REQUIRES THAT ALL 15 AMP & 20 AMP, 120 VOLT RECEPTACLES IN DWELLING UNITS [COMMERCIAL & INDUSTRIAL KITCHENS] BE GFCI PROTECTED, AND NEC 210.52(C)(1) REQUIRES COUNTERTOP OUTLETS NOT THE RECEPTACLE SERVES COUNTERTOP AREAS). ELECTRICAL ENGINEER AND / OR ELECTRICAL CONTRACTOR TO ENSURE ALL APPLICABLE RECEPTACLES AND / OR CIRCUITS SHOWN WITHIN THESE FOOD SERVICE DESIGN DRAWINGS ARE PROPERLY SPECIFIED, FURNISHED, & INSTALLED TO COMPLY WITH THIS CODE.
27. ELECTRICIAN TO PROVIDE THERMAL OVERLOAD PROTECTORS FOR ALL FAN ON / OFF SWITCHES AND STARTERS AS PER LOCAL CODE.

COOLER / FREEZER CONDENSING UNIT

B11.3 B12.2 F16.5
F17.3 F18.3 F19.3

NOTE:
FOR ROOF LOCATION OF COOLER / FREEZER CONDENSER UNITS, REFERENCE ARCHITECTURAL AND MEP CONTRACT DRAWINGS.

UNLESS OTHERWISE SPECIFIED OR NOTED ON MEP EQUIPMENT SCHEDULE SUPPLYING, HOISTING AND INSTALLATION OF COOLER / FREEZER CONDENSER UNITS IS THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR. THE MECHANICAL CONTRACTOR SHALL COORDINATE PURCHASING WITH THE FOODSERVICE EQUIPMENT CONTRACTOR.

EXHAUST FAN

A30 / A30.1
E19 / E19.1
B18 / B18.1
F09.1

MAKE-UP AIR UNIT

A31 / A31.1
E20 / E20.1
B19 / B19.1

NOTE:
FOR ROOF LOCATION OF EXHAUST FANS & MAKE-UP AIR UNITS, REFER TO ARCHITECTURAL AND MEP CONTRACT DRAWINGS.

UNLESS OTHERWISE SPECIFIED OR NOTED ON MEP EQUIPMENT SCHEDULE SUPPLYING, HOISTING AND INSTALLATION OF EXHAUST FANS AND MAKE-UP AIR UNITS IS THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR. THE MECHANICAL CONTRACTOR SHALL COORDINATE PURCHASING WITH THE FOODSERVICE EQUIPMENT CONTRACTOR.
TO ENSURE BOTH ARE COMPATIBLE WITH THE ENERGY MANAGEMENT SYSTEM (IF ONE IS SPECIFIED).

ELECTRICAL LEGEND

J	JUNCTION BOX CONNECTION
	SINGLE RECEPTACLE
	DUPLEX RECEPTACLE
GFI	DUPLEX G.F.I. RECEPTACLE
	DATA RECEPTACLE
T	TELEPHONE / DATA RECEPTACLE
	QUAD RECEPTACLE
FP	OCTAGONAL FIRE PULL JUNCTION BOX CONNECTION (PROVIDE EMPTY CONDUIT EXTENDING 6" A.F.C.)
	SINGLE FLUSH MTD FLOOR RECEPTACLE
2	DUPLEX FLUSH MTD FLOOR RECEPTACLE
4	QUAD FLUSH MTD FLOOR RECEPTACLE
T	THERMOSTAT
S	SWITCH
CTV	CABLE TV OUTLET
	BRANCH TO CONNECTION [BTC]

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SED #: 50-90-00-00-0-044-001

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KEY PLAN

REVISIONS

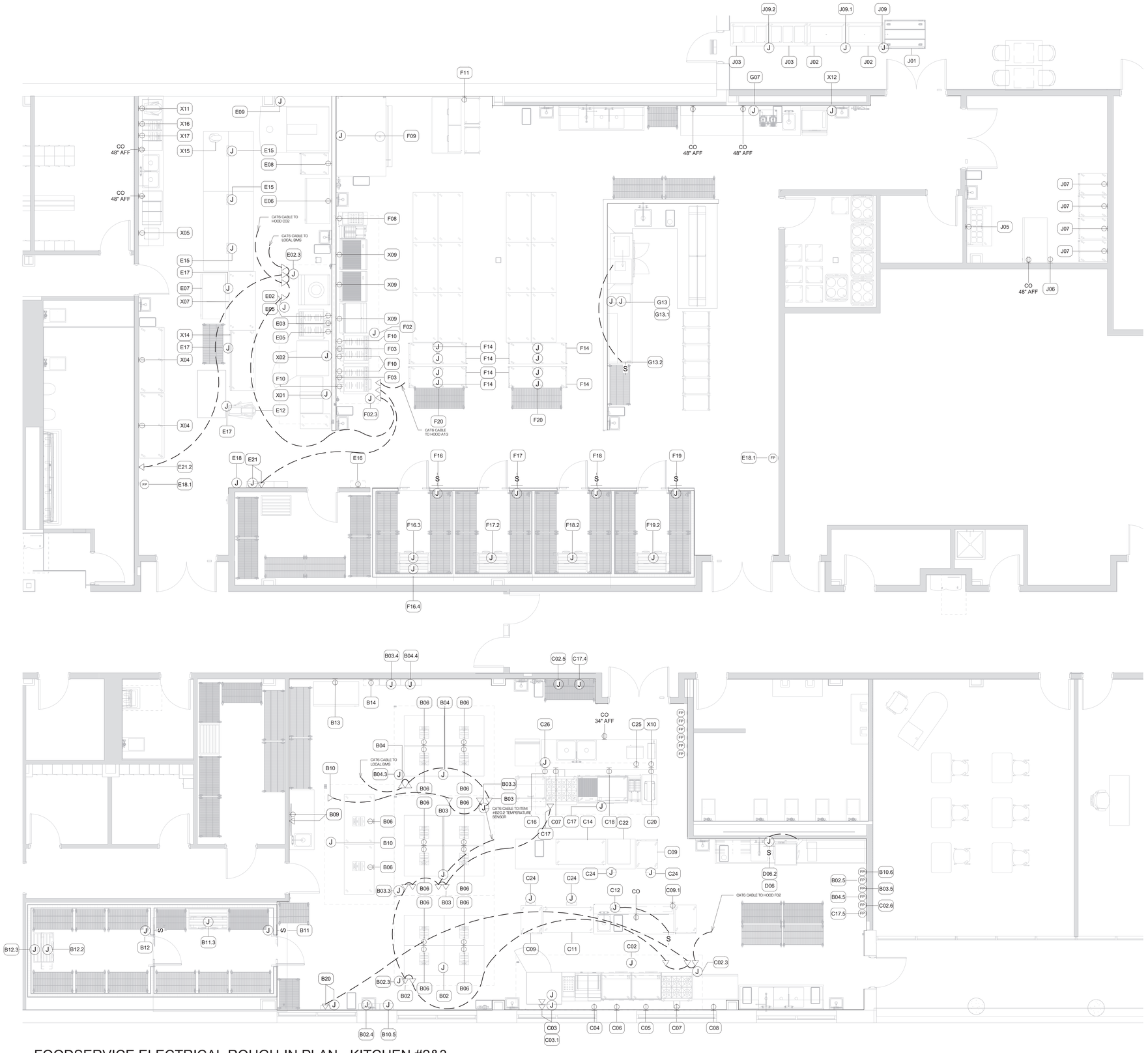
No.	Description	Date

ISSUED: BID SET ISSUANCE
DATE: 06/30/2025
SCALE: As indicated
SHEET NAME: FOODSERVICE ELECTRICAL ROUGH-IN PLAN - KITCHEN #1
SHEET NUMBER: FS-400

BID SET

DRAWN BY: Author
CHECKED BY: Checker
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1 FOODSERVICE ELECTRICAL ROUGH-IN PLAN - KITCHEN #2&3
1/4" = 1'-0"

ELECTRICAL NOTES

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26. NATIONAL ELECTRICAL CODE #210.8(B)(2) REQUIRES THAT ALL 15 AMP & 20 AMP, 125 VOLT RECEPTACLES IN NON-DWELLING UNITS [COMMERCIAL & INDUSTRIAL], KITCHENS SERVING AREAS, AND / OR PANTRIES BE GFCI PROTECTED [WHETHER OR NOT THE RECEPTACLE SERVES COUNTERTOP AREAS]. ELECTRICAL ENGINEER AND / OR ELECTRICAL CONTRACTOR TO ENSURE ALL APPLICABLE RECEPTACLES AND / OR CIRCUITS SHOWN WITHIN THESE FOOD SERVICE DESIGN DRAWINGS ARE PROPERLY SPECIFIED, FURNISHED, & INSTALLED TO COMPLY WITH THIS CODE.
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ELECTRICAL LEGEND

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- SINGLE RECEPTACLE
- DUPLEX RECEPTACLE
- DUPLEX G.F.I. RECEPTACLE
- DATA RECEPTACLE
- TELEPHONE/DATA RECEPTACLE
- QUAD RECEPTACLE
- FP — OCTAGONAL FIRE PULL JUNCTION BOX CONNECTION (PROVIDE EMPTY CONDUIT EXTENDING 6" A.F.C.)
- SINGLE FLUSH MTD FLOOR RECEPTACLE
- DUPLEX FLUSH MTD FLOOR RECEPTACLE
- QUAD FLUSH MTD FLOOR RECEPTACLE
- T — THERMOSTAT
- S — SWITCH
- CTV — CABLE TV OUTLET
- BRANCH TO CONNECTION [BTC]

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Food Service Consultant:

ELITE | STUDIO E
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189 Smith Street
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ROCKLAND BOCES
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ROCKLAND BOCES P-TECH C-TEC BUILDING

SED #: 50-90-00-00-0-044-001

65 PARROT RD,
WEST NYACK, NY 10994

KEY PLAN

REVISIONS

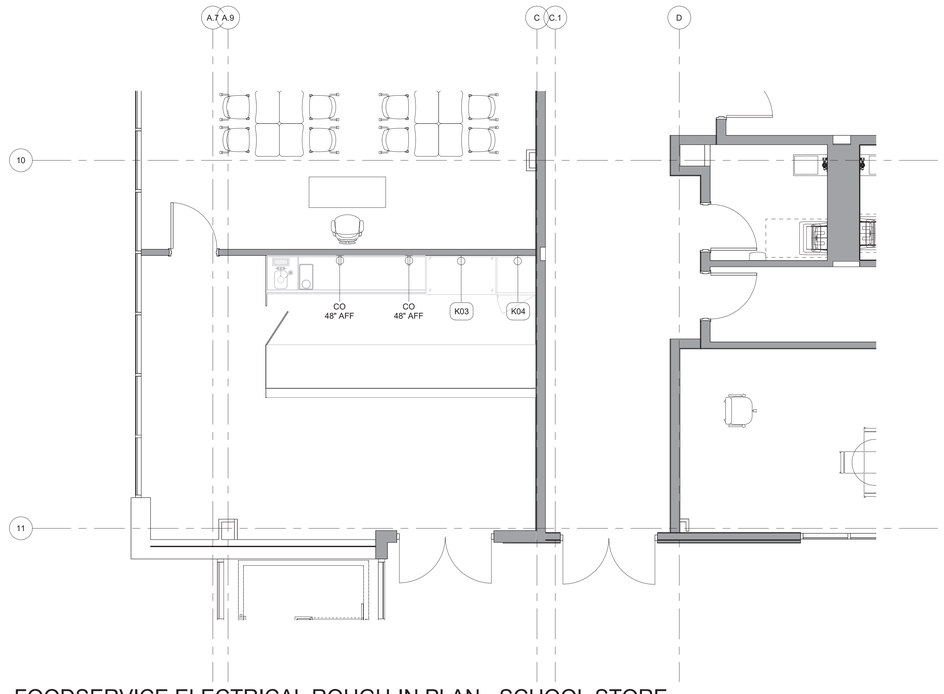
No.	Description	Date

ISSUED: BID SET ISSUANCE
DATE: 06/30/2025
SCALE: As indicated
SHEET NAME: FOODSERVICE ELECTRICAL ROUGH-IN PLAN - KITCHEN #2&3
SHEET NUMBER: FS-401

BID SET

DRAWN BY: AuthorCHECKED BY: Checker
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1 FOODSERVICE ELECTRICAL ROUGH-IN PLAN - SCHOOL STORE
1/4" = 1'-0"

ELECTRICAL NOTES

1. THESE DRAWINGS SHOW ELECTRICAL REQUIREMENTS FOR FOODSERVICE ONLY [UNLESS OTHERWISE ILLUSTRATED]. FOR ALL OTHER REQUIREMENTS SEE ARCHITECTURAL, ENGINEERING DRAWINGS.
2. ALL PREVAILING LOCAL ELECTRICAL CODES TO BE ADHERED TO.
3. ELECTRICIAN TO PROVIDE ALL ROUGH-IN AND FINAL CONNECTIONS TO EQUIPMENT. ELECTRICIAN TO FURNISH ALL TRIM ACCESSORIES, DISCONNECTS, CONTACTORS, SWITCHES, RELAYS, ELECTRICAL WHIPS, ETC. ELECTRICIAN TO PROVIDE CORD AND PLUG AS REQUIRED OR MAKE DIRECT CONNECTION TO EACH ELECTRICAL ITEM.
4. ELECTRICIAN TO FURNISH AND INSTALL CONDUITS AND SLEEVES FOR WALK-IN BOX ITEM[S]. [IF APPLICABLE]
5. ELECTRICIAN TO SEAL ALL ELECTRICAL PENETRATIONS INTO WALK-IN BOXES. [IF APPLICABLE]
6. ALL WIRING TO BE CONCEALED IN PROTECTIVE OUTER CASING SUCH AS "SEAL TIGHT" OR BX. SEAL TIGHT IS THE PREFERRED METHOD WHENEVER POSSIBLE.
7. ALL DIMENSIONS ARE TO CENTERLINE OF ELECTRICAL BOXES FROM FINISHED WALLS, COLUMNS, OR FLOORS.
8. ELECTRICIAN TO FURNISH AND INSTALL ALARM SYSTEM IF REQUIRED BY LOCAL CODES AND SHALL ALSO BE RESPONSIBLE TO TIE IN FIRE SUPPRESSION SYSTEMS TO ALARM SYSTEM. [WHERE APPLICABLE]
9. ELECTRICAL ENGINEER MUST VERIFY THAT ADEQUATE ELECTRICAL POWER WILL STILL BE PROVIDED FOR ALL FOODSERVICE ITEMS IDENTIFIED AS EXISTING TO REMAIN OR EXISTING / RELOCATED.
10. FIRE SUPPRESSION SYSTEM [WHERE APPLICABLE] ELECTRICAL MICRO-SWITCH SUPPLIED BY FIRE SUPPRESSION SYSTEM CONTRACTOR. MICRO-SWITCH TO BE INSTALLED BY ELECTRICIAN TO SHUT OFF ALL COOKING EQUIPMENT IN CASE OF FIRE.
11. ELECTRICIAN TO SUPPLY & INSTALL SHUNT-TRIP BREAKERS TO ENSURE ELECTRICITY IS CUT OFF TO ANY SERVICES UNDER THE HOOD.
12. ELECTRICIAN TO ENSURE UPON FIRE SUPPRESSION SYSTEM TRIGGER THAT THE EXHAUST FAN COMES ON AT 100% & MAKE-UP AIR FAN SHUTS DOWN UNLESS OTHERWISE DIRECTED BY LOCAL CODE.
13. ALL FINAL CONNECTION DIMENSIONS TO EQUIPMENT ARE TO BE VERIFIED BY ELECTRICIAN.
14. REMOTE SWITCH FOR EXHAUST HOOD LIGHTS TO BE FURNISHED AND INSTALLED BY ELECTRICIAN.
15. ELECTRICIAN SHALL BE RESPONSIBLE FOR WIRING & MOUNTING OF ALL REMOTE SWITCHES / BALLASTS FOR FOODSERVICE EQUIPMENT AND / OR CASEWORK. LOCATION TO BE COORDINATED WITH F.S.E.C.
16. ELECTRICIAN TO VERIFY ELECTRICAL REQUIREMENTS FOR ALL NEW OR EXISTING / RELOCATED FOODSERVICE EQUIPMENT SUPPLIED BY "OWNER", "VENDOR", "FOODSERVICE MANAGEMENT COMPANY" OR BY "OTHERS".
17. ELECTRICIAN TO PROVIDE ALL FINAL CONNECTIONS AND INTERCONNECTIONS / CONTROL WIRING AS REQUIRED TO WALK-IN COMPONENTS. THIS INCLUDES, BUT IS NOT LIMITED TO, TIME CLOCK, DOOR HEATERS, LIGHTS, AND DRAIN LINE HEATER.
18. ELECTRICIAN TO CONFIRM THAT ALL elite | studio e SPECIFIED ELECTRICAL FIXTURES MEET LOCAL CODE REQUIREMENTS.
19. ELECTRICAL LOAD PANELS FOR FOOD SERVICE EQUIPMENT: ELECTRICIAN TO MAKE INTERCONNECTIONS BETWEEN EQUIPMENT AND JUNCTION BOXES / LOAD PANELS AS REQUIRED. ELECTRICIAN TO MAKE ANY CONNECTIONS REQUIRED IF ANY COUNTERS ARE SHIPPED IN SECTIONS.
20. ELECTRICIAN TO FURNISH DEDICATED CIRCUITS FOR ALL FOODSERVICE EQUIPMENT ITEMS. [UNLESS OTHERWISE NOTED]
21. ALL NEW AND / OR EXISTING FOODSERVICE EQUIPMENT ITEMS SHOWN SHALL UTILIZE [WHEREVER FEASIBLE] EXISTING ELECTRICAL POWER SUPPLY LINES, JUNCTION BOXES AND / OR RECEPTACLE OUTLETS. [UNLESS OTHERWISE NOTED]
22. ELECTRICAL CONTRACTOR SHALL FIELD VERIFY ALL REQUIREMENTS FOR RELOCATING EQUIPMENT & UPGRADE AND / OR MODIFY SERVICE AS REQUIRED.
23. ELECTRICIAN TO PROVIDE ALL ROUGH-IN AND FINAL CONNECTIONS TO ALL EQUIPMENT, **INCLUDING HEAT LAMPS TO CONTROL BOX AND PENDANT LIGHTS.**
24. ELECTRICIAN TO FURNISH ALL TRIM ACCESSORIES, DISCONNECTS, CONTRACTORS, SWITCHES, RELAYS, ELECTRICAL WHIPS, ETC.
25. ELECTRICIAN TO PROVIDE CORD AND PLUG AS REQUIRED OR MAKE DIRECT CONNECTION TO EACH ELECTRICAL ITEM.
26. NATIONAL ELECTRICAL CODE #210.8(B)(2) REQUIRES THAT ALL 15 AMP & 20 AMP, 120 VOLT RECEPTACLES IN NON-DWELLING UNITS (COMMERCIAL & INDUSTRIAL) KITCHENS, SERVING AREAS, AND / OR PANTRIES BE GFCI PROTECTED (WHETHER OR NOT THE RECEPTACLE SERVES COUNTERTOP AREAS). ELECTRICAL ENGINEER AND / OR ELECTRICAL CONTRACTOR TO ENSURE ALL APPLICABLE RECEPTACLES AND / OR CIRCUITS SHOWN WITHIN THESE FOOD SERVICE DESIGN DRAWINGS ARE PROPERLY SPECIFIED, FURNISHED, & INSTALLED TO COMPLY WITH THIS CODE.
27. ELECTRICIAN TO PROVIDE THERMAL OVERLOAD PROTECTORS FOR ALL FAN ON / OFF SWITCHES AND STARTERS AS PER LOCAL CODE.

ELECTRICAL LEGEND

- J — JUNCTION BOX CONNECTION
- SINGLE RECEPTACLE
- DUPLEX RECEPTACLE
- GFI — DUPLEX G.F.I. RECEPTACLE
- DATA RECEPTACLE
- TELEPHONE / DATA RECEPTACLE
- QUAD RECEPTACLE
- FP — OCTAGONAL FIRE PULL JUNCTION BOX CONNECTION (PROVIDE EMPTY CONDUIT EXTENDING 6" A.F.C.)
- SINGLE FLUSH MTD FLOOR RECEPTACLE
- 2 — DUPLEX FLUSH MTD FLOOR RECEPTACLE
- 4 — QUAD FLUSH MTD FLOOR RECEPTACLE
- T — THERMOSTAT
- S — SWITCH
- CTV — CABLE TV OUTLET
- BRANCH TO CONNECTION [BTC]

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Civil & MEP Engineer

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845-343-1481 office
www.fellp.com

Structural Engineer

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148 Madison Avenue, Fourth Floor
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212-545-7878 office
www.structuralengineerwebsite.com

Food Service Consultant:

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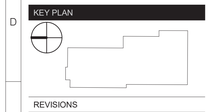
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ROCKLAND BOCES P-TECH C-TEC BUILDING

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KEY PLAN



REVISIONS

No.	Description	Date

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SHEET NAME:
FOODSERVICE ELECTRICAL ROUGH-IN PLAN - SCHOOL STORE
SHEET NUMBER:
FS-402

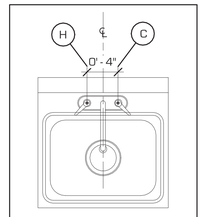
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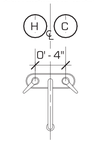


1 FOODSERVICE PLUMBING ROUGH-IN PLAN - KITCHEN #1
1/4" = 1'-0"



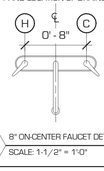
A 4" ON-CENTER HAND SINK DETAIL
SCALE: 1-1/2" = 1'-0"

NOTE:
P.C. TO PIPE INDIRECT DRAINS TO FLOOR SINK. QUANTITY AND LOCATION OF DRAINS PER PLAN.



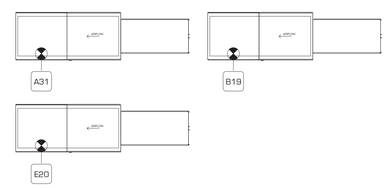
B 4" ON-CENTER FAUCET DETAIL
SCALE: 1-1/2" = 1'-0"

NOTE:
P.C. TO PIPE INDIRECT DRAINS TO FLOOR SINK. QUANTITY AND LOCATION OF DRAINS PER PLAN.



C 8" ON-CENTER FAUCET DETAIL
SCALE: 1-1/2" = 1'-0"

MAKE-UP AIR UNIT



NOTE:
FOR ROOF LOCATION OF EXHAUST FANS & MAKE-UP AIR UNITS, REFER TO ARCHITECTURAL AND MEP CONTRACT DRAWINGS.

UNLESS OTHERWISE SPECIFIED OR NOTED ON MEP EQUIPMENT SCHEDULE SUPPLYING, HOISTING AND INSTALLATION OF EXHAUST FANS AND MAKE-UP AIR UNITS IS THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR. THE MECHANICAL CONTRACTOR SHALL COORDINATE PURCHASING WITH THE FOODSERVICE EQUIPMENT CONTRACTOR, TO ENSURE BOTH ARE COMPATIBLE WITH THE ENERGY MANAGEMENT SYSTEM (IF ONE IS SPECIFIED).

NOTE: P.C. TO SIZE, FURNISH, & INSTALL GREASE TRAP AS REQUIRED BY CODE. P.C. TO PIPE INDIRECT WASTE TO GREASE TRAP AS REQUIRED BY LOCAL CODE.

PLUMBING LEGEND

- CENTER LINE
- (A) DETAIL REFERENCE TAG
- (H) HOT WATER
- (C) COLD WATER
- (F) FILTERED WATER
- WATER LINE
- INDIRECT WASTE
- DIRECT WASTE
- FLOOR SINK
- FLOOR DRAIN
- FUNNEL FLOOR DRAIN
- DRAIN LINE
- GAS SUPPLY ROUGH-IN
- GAS LINE
- GT GREASE TRAP
- STEAM SUPPLY
- STEAM SUPPLY RETURN
- STEAM RETURN STAB-OUT
- STEAM SUPPLY STAB-OUT

PLUMBING NOTES

1. THESE DRAWINGS SHOW PLUMBING REQUIREMENTS FOR FOODSERVICE EQUIPMENT ONLY (UNLESS OTHERWISE ILLUSTRATED). FOR ALL OTHER REQUIREMENTS, SUCH AS TOILET FACILITIES, AREA FLOOR DRAINS OTHER THAN THOSE FOR CODE REASONS - SEE ARCHITECTURAL / ENGINEERING DRAWINGS.
2. ALL PREVAILING LOCAL PLUMBING CODES TO BE ADHERED TO.
3. PLUMBER TO PROVIDE ALL ROUGH-INS AND FINAL CONNECTIONS TO EQUIPMENT. PLUMBER TO FURNISH ALL TRIM ACCESSORIES, VALVE PRESSURE REGULATORS, P-TRAPS, GREASE TRAPS, DRAIN LINES AND BACK FLOW PREVENTION SYSTEM DEVICES, ETC.
4. PLUMBER TO PROPERLY SIZE, FURNISH, AND INSTALL ALL STEAM PRESSURE REDUCING VALVES (AS REQUIRED FOR ALL WARE-WASHING MACHINES AND RELATED EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION GUIDELINES. FINAL LOCATION TO BE COORDINATED BETWEEN THE F.S.E.C. AND THE PLUMBER **PRIOR TO INSTALLATION** TO AVOID ANY CONFLICTS ON OR NEAR EQUIPMENT.
5. PLUMBER TO VERIFY SIZE, FURNISH AND INSTALL GREASE TRAPS, FLOOR SINKS, AND FLOOR DRAINS AS REQUIRED BY LOCAL CODE. IF PLANS ILLUSTRATE DIFFERENCES FROM LOCAL CODE PLUMBER MUST NOTIFY elite | studio e.
6. ALL DIMENSIONS ARE FROM FINISHED FLOOR, WALLS, OR COLUMNS TO CENTERLINES OF PLUMBING FIXTURES. ALLOWANCE MUST BE MADE FOR ALL VALVES, TRAPS, AND FITTINGS BETWEEN OUTLETS ON FIXTURES AND ROUGH-IN CONNECTIONS.
7. ALL INDIRECT WASTE LINES SHALL BE EXTENDED TO FLOOR DRAINS AND/OR FLOOR SINKS BY PLUMBING CONTRACTOR. FLOOR SINKS &FLOOR DRAINS SHALL BE SIZED, FURNISHED, AND INSTALLED BY PLUMBER. PROVIDE AIR GAP ABOVE HIGHEST POINT OF FLOOR SINK OR FLOOR DRAIN.
8. ALL FLOOR DRAINS AND/OR FLOOR SINKS SHOWN ARE DEEMED NECESSARY FOR FOODSERVICE. AREA FLOOR DRAINS FOR GENERAL SANITATION SHALL BE FURNISHED AND INSTALLED BY PLUMBER.
9. MECHANICALLY OPERATED GAS SHUT-OFF VALVE, FOR FIRE SUPPRESSION SYSTEM (IF APPLICABLE) WILL BE FURNISHED BY FIRE SUPPRESSION SYSTEM CONTRACTOR AND INSTALLED BY PLUMBING CONTRACTOR. INSTALLATION TO BE IN MAIN COOKING GAS LINE (ACCESS REQUIRED) TO SHUT OFF ALL COOKING EQUIPMENT IN CASE OF FIRE.
10. ALL FINAL CONNECTION DIMENSIONS TO EQUIPMENT ARE TO BE VERIFIED BY PLUMBER.
11. ALL SHUT-OFF VALVES FOR PLUMBING ITEMS SHALL BE FURNISHED BY PLUMBER (UNLESS OTHERWISE NOTED). THIS INCLUDES ISOLATION VALVES FOR ALL WATER CONNECTIONS.
12. PLUMBER MUST PROVIDE 120F HOT WATER AT ALL FOOD PREPARATION AND WARE-WASHING SINKS/ MACHINES. [UNLESS OTHERWISE NOTED BY LOCAL CODE]
13. PLUMBER MUST SUPPLY OR REDUCE INCOMING HOT WATER TO 110F AT ALL HAND WASHING SINKS. [UNLESS OTHERWISE NOTED BY LOCAL CODE]
14. PLUMBING CONTRACTOR SHALL FIELD VERIFY ALL REQUIREMENTS FOR RELOCATED EQUIPMENT & UPGRADE AND/ OR MODIFY SERVICES AS REQUIRED.
15. ALL NEW AND/ OR EXISTING FOODSERVICE EQUIPMENT ITEMS SHOWN ON THESE DRAWINGS SHALL UTILIZE [WHEREVER FEASIBLE] EXISTING PLUMBING [WATER/ GAS/ STEAM SUPPLY/ DRAINAGE/ RETURN] LINES. [UNLESS OTHERWISE NOTED]
16. PLUMBER TO SEAL ALL PENETRATIONS MADE TO WALK-IN BOXES. [IF APPLICABLE]
17. OPEN AIR SCREEN MERCHANDISERS SHOULD BE PIPED TO FLOOR DRAINS. [WHEREVER POSSIBLE]
18. PLUMBER TO VERIFY PLUMBING REQUIREMENTS FOR ALL NEW OR EXISTING / RELOCATED FOODSERVICE EQUIPMENT SUPPLIED BY "OWNER", "VENDOR", "FOODSERVICE MANAGEMENT COMPANY" OR "BY OTHERS".
19. PLUMBER TO FURNISH AND INSTALL HOT AND COLD WATER LINE CHECK VALVES AT ALL SPRAY SYSTEMS UNIT MIXING VALVES UNLESS OTHERWISE NOTED.

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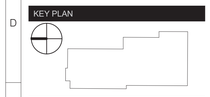
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KEY PLAN



REVISIONS

No.	Description	Date

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SCALE: As indicated
SHEET NAME:
FOODSERVICE PLUMBING ROUGH-IN PLAN - KITCHEN #1
SHEET NUMBER:
FS-440

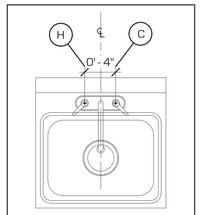
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CHECKED BY: JKower
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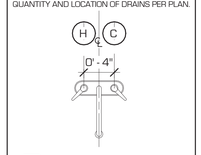


1 FOODSERVICE PLUMBING ROUGH-IN PLAN - KITCHEN #2&3
1/4" = 1'-0"



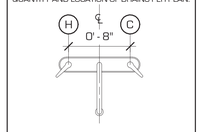
A 4" ON-CENTER HAND SINK DETAIL
SCALE: 1-1/2" = 1'-0"

NOTE:
P.C. TO PIPE INDIRECT DRAINS TO FLOOR SINK. QUANTITY AND LOCATION OF DRAINS PER PLAN.



B 4" ON-CENTER FAUCET DETAIL
SCALE: 1-1/2" = 1'-0"

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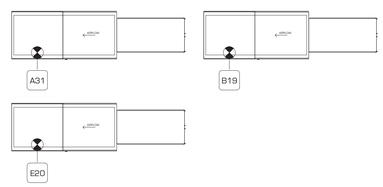
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3. PLUMBER TO PROVIDE ALL ROUGHINS AND FINAL CONNECTIONS TO EQUIPMENT. PLUMBER TO FURNISH ALL TRIM ACCESSORIES, VALVE PRESSURE REGULATORS, P-TRAPS, GREASE TRAPS, DRAIN LINES AND BACK FLOW PREVENTION SYSTEM DEVICES, ETC.
4. PLUMBER TO PROPERLY SIZE, FURNISH, AND INSTALL ALL STEAM PRESSURE REDUCING VALVES (AS REQUIRED) FOR ALL WAREWASHING MACHINES AND RELATED EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION GUIDELINES. FINAL LOCATION TO BE COORDINATED BETWEEN THE F.S.E.C. AND THE PLUMBER **PRIOR TO INSTALLATION** TO AVOID ANY CONFLICTS ON OR NEAR EQUIPMENT.
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9. MECHANICALLY OPERATED GAS SHUT-OFF VALVE, FOR FIRE SUPPRESSION SYSTEM (IF APPLICABLE) WILL BE FURNISHED BY FIRE SUPPRESION SYSTEM CONTRACTOR AND INSTALLED BY PLUMBING CONTRACTOR. INSTALLATION TO BE IN MAIN COOKING GAS LINE (ACCESS REQUIRED TO SHUT OFF ALL COOKING EQUIPMENT IN CASE OF FIRE.
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12. PLUMBER MUST PROVIDE 120F HOT WATER AT ALL FOOD PREPARATION AND WARE-WASHING SINKS./ MACHINES. [UNLESS OTHERWISE NOTED BY LOCAL CODE]
13. PLUMBER MUST SUPPLY OR REDUCE INCOMING HOT WATER TO 105F AT ALL HAND WASHING SINKS. [UNLESS OTHERWISE NOTED BY LOCAL CODE]
14. PLUMBING CONTRACTOR SHALL RELO VERIFY ALL REQUIREMENTS FOR RELOCATED EQUIPMENT & UPGRADE AND / OR MODIFY SERVICES AS REQUIRED.
15. ALL NEW AND / OR EXISTING FOODSERVICE EQUIPMENT ITEMS SHOWN ON THESE DRAWINGS SHALL UTILIZE [WHEREVER FEASIBLE] EXISTING PLUMBING [WATER/ GAS/ STEAM SUPPLY/ DRAINAGE/ RETURN] LINES. [UNLESS OTHERWISE NOTED]
16. PLUMBER TO SEAL ALL PENETRATIONS MADE TO WALK-IN BOXES. [IF APPLICABLE]
17. OPEN AIR SCREEN MERCHANDISERS SHOULD BE PIPED TO FLOOR DRAINS. [WHEREVER POSSIBLE]
18. PLUMBER TO VERIFY PLUMBING REQUIREMENTS FOR ALL NEW OR EXISTING / RELOCATED FOODSERVICE EQUIPMENT SUPPLIED BY "OWNER", "VENDOR", "FOODSERVICE MANAGEMENT COMPANY" OR "BY OTHERS"
19. PLUMBER TO FURNISH AND INSTALL HOT AND COLD WATER LINE CHECK VALVES AT ALL SPRAY SYSTEMS UNIT MIXING VALVES UNLESS OTHERWISE NOTED.

PLUMBING LEGEND

- CENTER LINE
- (A) DETAIL REFERENCE TAG
- (H) HOT WATER
- (C) COLD WATER
- (F) FILTERED WATER
- WATER LINE
- INDIRECT WASTE
- DIRECT WASTE
- FLOOR SINK
- FLOOR DRAIN
- FUNNEL FLOOR DRAIN
- DRAIN LINE
- GAS SUPPLY ROUGH-IN
- GAS LINE
- (GT) GREASE TRAP
- STEAM SUPPLY
- STEAM SUPPLY RETURN
- STEAM RETURN STAB-OUT
- STEAM SUPPLY STAB-OUT

MAKE-UP AIR UNIT



NOTE:
FOR ROOF LOCATION OF EXHAUST FANS & MAKE-UP AIR UNITS, REFER TO ARCHITECTURAL AND MEP CONTRACT DRAWINGS.

UNLESS OTHERWISE SPECIFIED OR NOTED ON MEP EQUIPMENT SCHEDULE SUPPLYING, HOISTING AND INSTALLATION OF EXHAUST FANS AND MAKE-UP AIR UNITS IS THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR. THE MECHANICAL CONTRACTOR SHALL COORDINATE PURCHASING WITH THE FOODSERVICE EQUIPMENT CONTRACTOR, TO ENSURE BOTH ARE COMPATIBLE WITH THE ENERGY MANAGEMENT SYSTEM [IF ONE IS SPECIFIED].

NOTE: P.C. TO SIZE, FURNISH, & INSTALL GREASE TRAP AS REQUIRED BY CODE. P.C. TO PIPE INDIRECT WASTE TO GREASE TRAP AS REQUIRED BY LOCAL CODE.

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No.	Description	Date

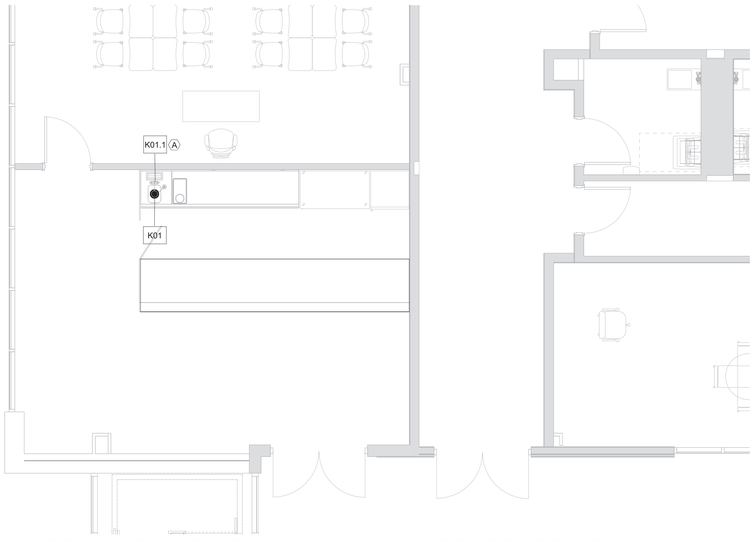
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SHEET NUMBER: FS-441

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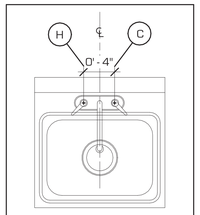
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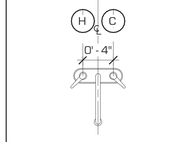


1 FOODSERVICE PLUMBING ROUGH-IN PLAN - SCHOOL STORE
1/4" = 1'-0"



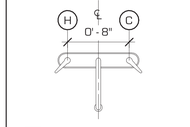
A 4" ON-CENTER HAND SINK DETAIL
SCALE: 1-1/2" = 1'-0"

NOTE:
P.C. TO PIPE INDIRECT DRAINS TO FLOOR SINK
QUANTITY AND LOCATION OF DRAINS PER PLAN.



B 4" ON-CENTER FAUCET DETAIL
SCALE: 1-1/2" = 1'-0"

NOTE:
P.C. TO PIPE INDIRECT DRAINS TO FLOOR SINK
QUANTITY AND LOCATION OF DRAINS PER PLAN.



C 8" ON-CENTER FAUCET DETAIL
SCALE: 1-1/2" = 1'-0"

PLUMBING NOTES

1. THESE DRAWINGS SHOW PLUMBING REQUIREMENTS FOR FOODSERVICE EQUIPMENT ONLY UNLESS OTHERWISE ILLUSTRATED. FOR ALL OTHER REQUIREMENTS, SUCH AS TOILET FACILITIES, AREA FLOOR DRAINS OTHER THAN THOSE FOR CODE REASONS - SEE ARCHITECTURAL / ENGINEERING DRAWINGS.
2. ALL PREVAILING LOCAL PLUMBING CODES TO BE ADHERED TO.
3. PLUMBER TO PROVIDE ALL ROUGH-INS AND FINAL CONNECTIONS TO EQUIPMENT. PLUMBER TO FURNISH ALL TRIM ACCESSORIES, VALVE PRESSURE REGULATORS, P-TRAPS, GREASE TRAPS, DRAIN LINES AND BACK FLOW PREVENTION SYSTEM DEVICES, ETC.
4. PLUMBER TO PROPERLY SIZE, FURNISH, AND INSTALL ALL STEAM PRESSURE REDUCING VALVES (AS REQUIRED) FOR ALL WARE-WASHING MACHINES AND RELATED EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION GUIDELINES. FINAL LOCATION TO BE COORDINATED BETWEEN THE F.S.E.C. AND THE PLUMBER **PRIOR TO INSTALLATION** TO AVOID ANY CONFLICTS ON OR NEAR EQUIPMENT.
5. PLUMBER TO VERIFY SIZE, FURNISH AND INSTALL GREASE TRAPS, FLOOR SINKS, AND FLOOR DRAINS AS REQUIRED BY LOCAL CODE. IF PLANS ILLUSTRATE DIFFERENCES FROM LOCAL CODE PLUMBER MUST NOTIFY elite | studio e.
6. ALL DIMENSIONS ARE FROM FINISHED FLOOR, WALLS, OR COLUMNS TO CENTERLINES OF PLUMBING FIXTURES. ALLOWANCE MUST BE MADE FOR ALL VALVES, TRAPS, AND FITTINGS BETWEEN OUTLETS ON FIXTURES AND ROUGH-IN CONNECTIONS.
7. ALL INDIRECT WASTE LINES SHALL BE EXTENDED TO FLOOR DRAINS AND / OR FLOOR SINKS BY PLUMBING CONTRACTOR. FLOOR SINKS &FLOOR DRAINS SHALL BE SIZED, FURNISHED, AND INSTALLED BY PLUMBER. PROVIDE AIR GAP ABOVE HIGHEST POINT OF FLOOR SINK OR FLOOR DRAIN.
8. ALL FLOOR DRAINS AND / OR FLOOR SINKS SHOWN ARE DEEMED NECESSARY FOR FOODSERVICE AREA FLOOR DRAINS FOR GENERAL SANITATION SHALL BE FURNISHED AND INSTALLED BY PLUMBER.
9. MECHANICALLY OPERATED GAS SHUT-OFF VALVE, FOR FIRE SUPPRESSION SYSTEM (IF APPLICABLE) WILL BE FURNISHED BY FIRE SUPPRESSION SYSTEM CONTRACTOR AND INSTALLED BY PLUMBING CONTRACTOR. INSTALLATION TO BE IN MAIN COOKING GAS LINE (ACCESS REQUIRED) TO SHUT OFF ALL COOKING EQUIPMENT IN CASE OF FIRE.
10. ALL FINAL CONNECTION DIMENSIONS TO EQUIPMENT ARE TO BE VERIFIED BY PLUMBER.
11. ALL SHUT-OFF VALVES FOR PLUMBING ITEMS SHALL BE FURNISHED BY PLUMBER [UNLESS OTHERWISE NOTED]. THIS INCLUDES ISOLATION VALVES FOR ALL WATER CONNECTIONS.
12. PLUMBER MUST PROVIDE 120F HOT WATER AT ALL FOOD PREPARATION AND WARE-WASHING SINKS/MACHINES. [UNLESS OTHERWISE NOTED BY LOCAL CODE]
13. PLUMBER MUST SUPPLY OR REDUCE INCOMING HOT WATER TO 105F AT ALL HAND WASHING SINKS. [UNLESS OTHERWISE NOTED BY LOCAL CODE]
14. PLUMBING CONTRACTOR SHALL FIELD VERIFY ALL REQUIREMENTS FOR RELOCATED EQUIPMENT & UPGRADE AND / OR MODIFY SERVICES AS REQUIRED.
15. ALL NEW AND / OR EXISTING FOODSERVICE EQUIPMENT ITEMS SHOWN ON THESE DRAWINGS SHALL UTILIZE (WHENEVER FEASIBLE) EXISTING PLUMBING [WATER / GAS / STEAM SUPPLY / DRAINAGE / RETURN] LINES. [UNLESS OTHERWISE NOTED]
16. PLUMBER TO SEAL ALL PENETRATIONS MADE TO WALK-IN BOXES. [IF APPLICABLE]
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19. PLUMBER TO FURNISH AND INSTALL HOT AND COLD WATER LINE CHECK VALVES AT ALL SPRAY SYSTEMS UNIT MIXING VALVES UNLESS OTHERWISE NOTED.

PLUMBING LEGEND

℄	CENTER LINE
A	DETAIL REFERENCE TAG
H	HOT WATER
C	COLD WATER
F	FILTERED WATER
	WATER LINE
	INDIRECT WASTE
	DIRECT WASTE
	FLOOR SINK
	FLOOR DRAIN
	FUNNEL FLOOR DRAIN
	DRAIN LINE
	GAS SUPPLY ROUGH-IN
	GAS LINE
GT	GREASE TRAP
	STEAM SUPPLY
	STEAM SUPPLY RETURN
	STEAM RETURN STAB-OUT
	STEAM SUPPLY STAB-OUT

NOTE: P.C. TO SIZE, FURNISH, & INSTALL GREASE TRAP AS REQUIRED BY CODE. P.C. TO PIPE INDIRECT WASTE TO GREASE TRAP AS REQUIRED BY LOCAL CODE.

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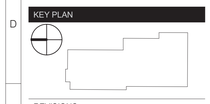
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No.	Description	Date

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DATE: 06/30/2025

SCALE: As indicated

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FOODSERVICE PLUMBING ROUGH-IN PLAN - SCHOOL STORE

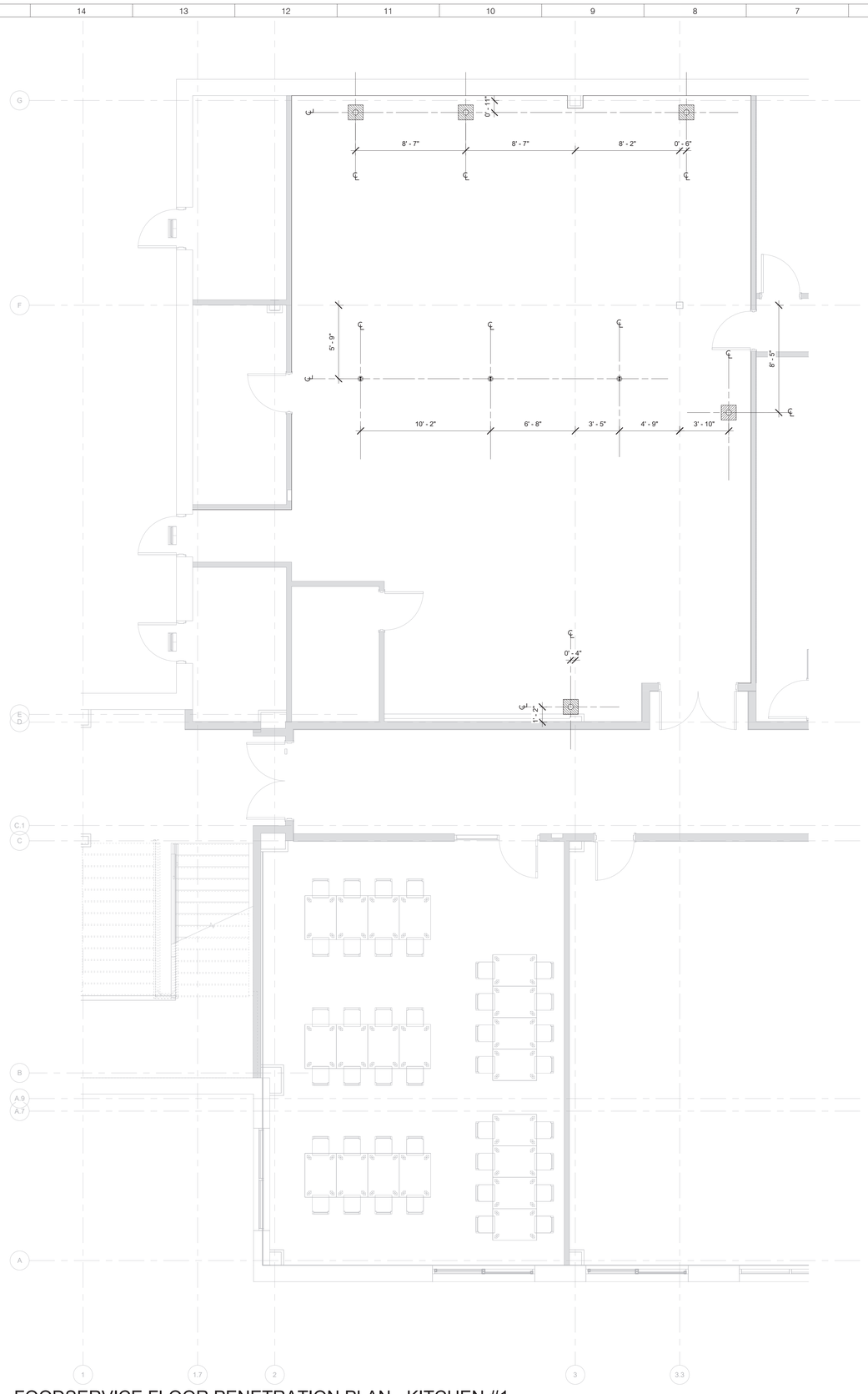
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1 FOODSERVICE FLOOR PENETRATION PLAN - KITCHEN #1
1/4" = 1'-0"

FLOOR PENTRATION LEGEND

- CENTER LINE
- FLOOR ELECTRICAL LINE SLEEVE [BY E.C.]
- FLOOR GAS LINE SLEEVE [BY P.C.]
- FLOOR PLUMBING LINE SLEEVE [BY P.C.]
- FLOOR SLAB DRAIN CUT-OUT [BY P.C.]
- FLOOR SLAB SINK CUT-OUT [BY P.C.]
- FLOOR SLAB/TROUGH DEPRESSION [BY G.C.]

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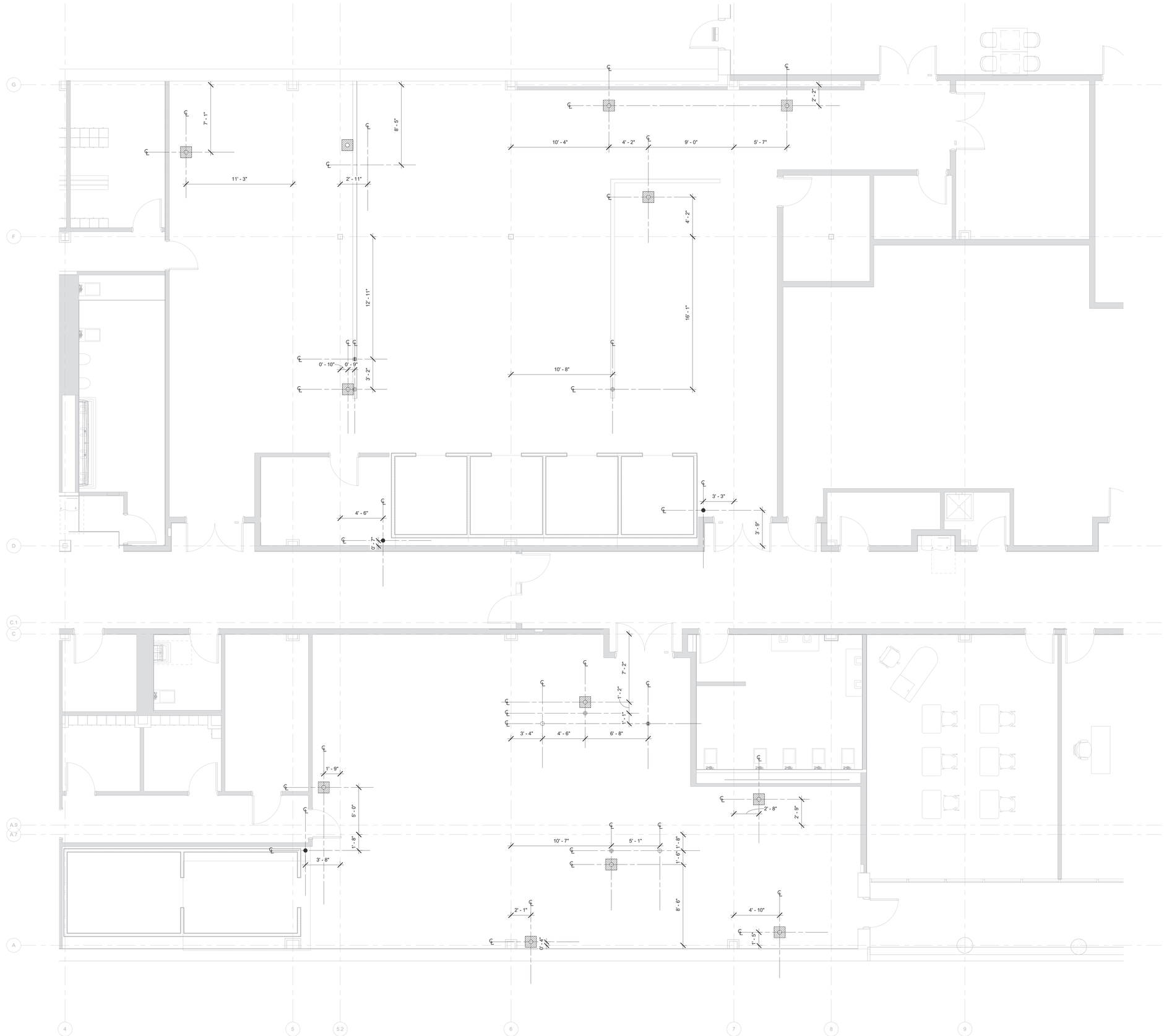
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FOODSERVICE FLOOR PENETRATION PLAN - KITCHEN #1
SHEET NUMBER:
FS-460

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1 FOODSERVICE FLOOR PENETRATION PLAN - KITCHEN #2&3
1/4" = 1'-0"

FLOOR PENTRATION LEGEND

- CENTER LINE
- FLOOR ELECTRICAL LINE SLEEVE [BY E.C.]
- FLOOR GAS LINE SLEEVE [BY P.C.]
- FLOOR PLUMBING LINE SLEEVE [BY P.C.]
- FLOOR SLAB DRAIN CUT-OUT [BY P.C.]
- FLOOR SLAB SINK CUT-OUT [BY P.C.]
- FLOOR SLAB/ TROUGH DEPRESSION [BY G.C.]

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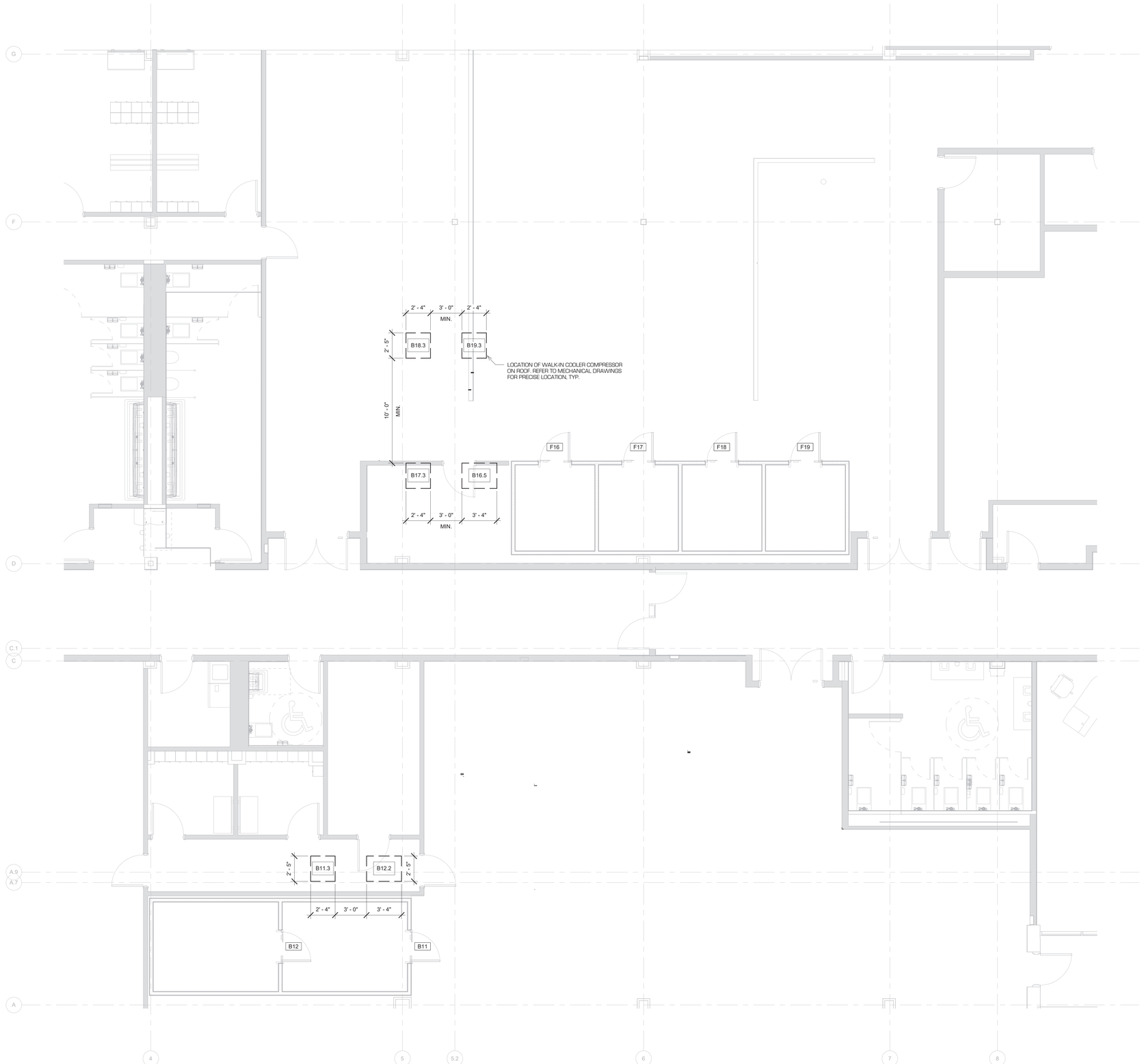
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SHEET NUMBER:
FS-461

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1 FOODSERVICE COMPRESSOR LOCATION PLAN
1/4" = 1'-0"

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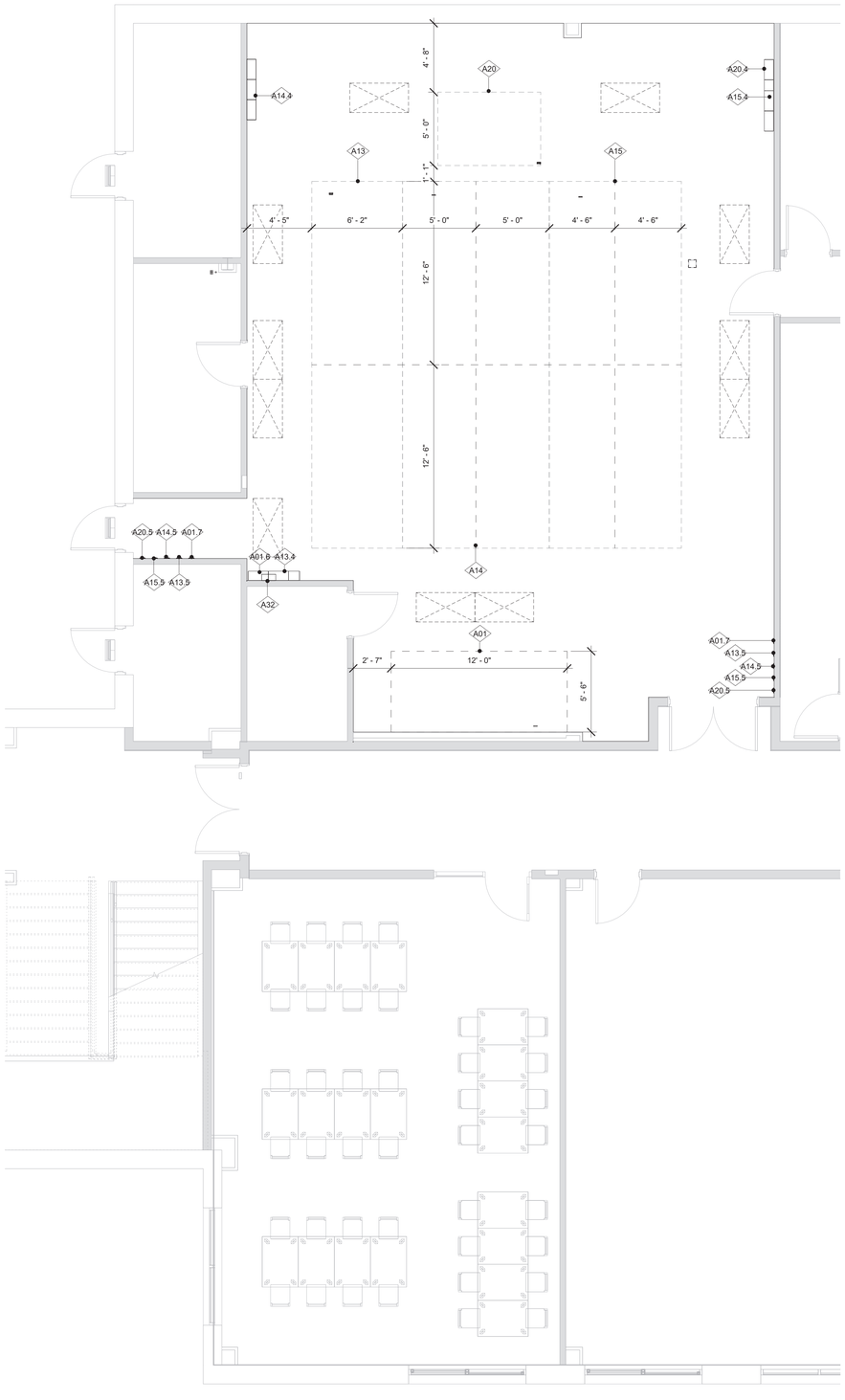
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FOODSERVICE COMPRESSOR LOCATION PLAN
SHEET NUMBER:
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1 FOODSERVICE C.K.V. ROUGH-IN PLAN - KITCHEN #1
1/4" = 1'-0"

COMMERCIAL KITCHEN VENTILATION (CKV)/HVAC NOTES

1. ALL DUCT WORK SIZING AND ROUTING SHALL BE DETERMINED BY MECHANICAL ENGINEER.
2. ALL EXHAUST AND/OR SUPPLY FAN SIZING, PROVIDING & INSTALLING SHALL BE THE RESPONSIBILITY OF OTHERS. [UNLESS OTHERWISE NOTED]
3. BALANCING OF BUILDING HVAC SYSTEM SHALL BE PERFORMED BY HVAC CONTRACTOR PRIOR TO OCCUPANCY.
4. ALL LOCATIONS OF NEW HVAC SYSTEM DIFFUSERS AND RETURNS SHALL BE VERIFIED BY elite | studio e SPACE. IMPROPER LOCATIONS CAN AFFECT THE OPERATION OF FOODSERVICE EQUIPMENT. elite | studio e CANNOT BE HELD RESPONSIBLE FOR EQUIPMENT MALFUNCTION OR LOSS OF PRODUCT DUE TO IMPROPER VENTILATION OUTLET / INLET LOCATIONS.
5. MECHANICAL CONTRACTOR SHALL ENSURE THAT ALL C.K.V. EXHAUST HOODS, DUCTWORK AND FANS NOTED AS EXISTING TO REMAIN ARE FUNCTIONING PROPERLY PRIOR TO OCCUPANCY. MECHANICAL CONTRACTOR / ENGINEER SHALL ALSO CONFIRM THAT CFM'S AND STATIC PRESSURE ARE ADEQUATE FOR NEW EQUIPMENT CONFIGURATION.
6. FURNISHING AND INSTALLING OF ROOF CURBS FOR KITCHEN VENTILATION EXHAUST FANS AND MAKE-UP AIR UNITS SHALL BE THE RESPONSIBILITY OF OTHERS UNLESS OTHERWISE INDICATED.
7. ALL CONTROL WIRING RELATED TO KITCHEN VENTILATION SHALL BE FURNISHED & INSTALLED BY THE MECHANICAL CONTRACTOR. ALL INTER-WIRING & FINAL CONNECTIONS SHALL BE BY THE ELECTRICAL CONTRACTOR.
8. UNISTRUT THREADED ROD AND ALL OTHER ASSOCIATED MATERIAL AND HARDWARE ARE TO BE SUPPLIED AND INSTALLED BY COMMERCIAL KITCHEN VENTILATION CONTRACTOR.
9. HVAC ROOM DIFFUSERS SHALL NOT BE PLACED WITHIN 6' - 0" OF EXHAUST HOODS.
10. FOODSERVICE EQUIPMENT CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING FINAL DUCTWORK SHOP DRAWINGS WITH THE EXHAUST FAN MANUFACTURER FOR FINAL SELECTION & SPECIFICATIONS OF THE EXHAUST FANS(S), MAKE UP AIR FAN(S), AND / OR CONDENSATE FANS(S).
11. FINAL APPROVAL OF SPECIFICATIONS FOR ANY EXHAUST FANS, MAKE UP AIR UNITS, AND / OR CONDENSATE FANS SHALL BE THE RESPONSIBILITY OF THE MECHANICAL ENGINEER.

FOODSERVICE FIRE SUPPRESSION SYSTEM NOTES

1. ELECTRICIAN TO PROVIDE THE FOLLOWING CIRCUIT AT LOCATION OF FIRE SUPPRESSION SYSTEM: 1 J-BJ AT 20 AMPS. (I ELECTRICIAN TO WIRE TO BUILDING FIRE ALARM SYSTEM AS REQUIRED.
2. IT IS THE RESPONSIBILITY OF THE ELECTRICIAN / PLUMBER TO ENSURE THE FOLLOWING OCCURS UPON DISCHARGE / ACTIVATION OF FOODSERVICE FIRE SUPPRESSION SYSTEM:
   A. ALL SUPPLIES FEEDING ALL FOODSERVICE EQUIPMENT UNDER HOOD SHALL BE SHUT DOWN. [GAS & ELECTRIC]
   B. ALL MAKE-UP AIR FANS SHALL BE SHUT DOWN. [AS PER LOCAL CODE]
   C. ALL EXHAUST FANS SHALL TURN ON. [AS PER LOCAL CODE]
   D. BUILDING FIRE ALARM SYSTEM WILL ACTIVATE AS REQUIRED.
   E. ALL DRAWINGS, FILING, PERMITS AND TESTING SHALL BE THE RESPONSIBILITY OF FIRE SUPPRESSION CONTRACTOR.
3. ELECTRICIAN TO FURNISH & INSTALL SHUNT-TRIP BREAKER.
4. THE F.S.E.C. SHALL PROPERLY SIZE AND FURNISH ALL GAS SOLENOID VALVES REQUIRED FOR COOKING EQUIPMENT TO THE GENERAL CONTRACTOR FOR INSTALLATION BY THE PLUMBING AND / OR ELECTRICAL CONTRACTORS.

VENTILATION LEGEND

EXHAUST DUCT
KCD DIFFUSER
SUPPLY DUCT

NOTE: REFER TO MANUFACTURER'S DETAIL DRAWINGS

IMPORTANT NOTE FOR MECHANICAL ENGINEER

DESIGN & SPECIFICATIONS FOR ANY NEW EXHAUST HOODS CANNOT BE FINALIZED UNTIL INFORMATION ON NEW [OR EXISTING] EXHAUST FANS[S], MAKE UP AIR[UNITS]] AND / OR RELATED DUCTWORK IS FIRST PROVIDED TO elite | studio e FOR REVIEW AND FORWARDING TO NEW HOOD MANUFACTURER.

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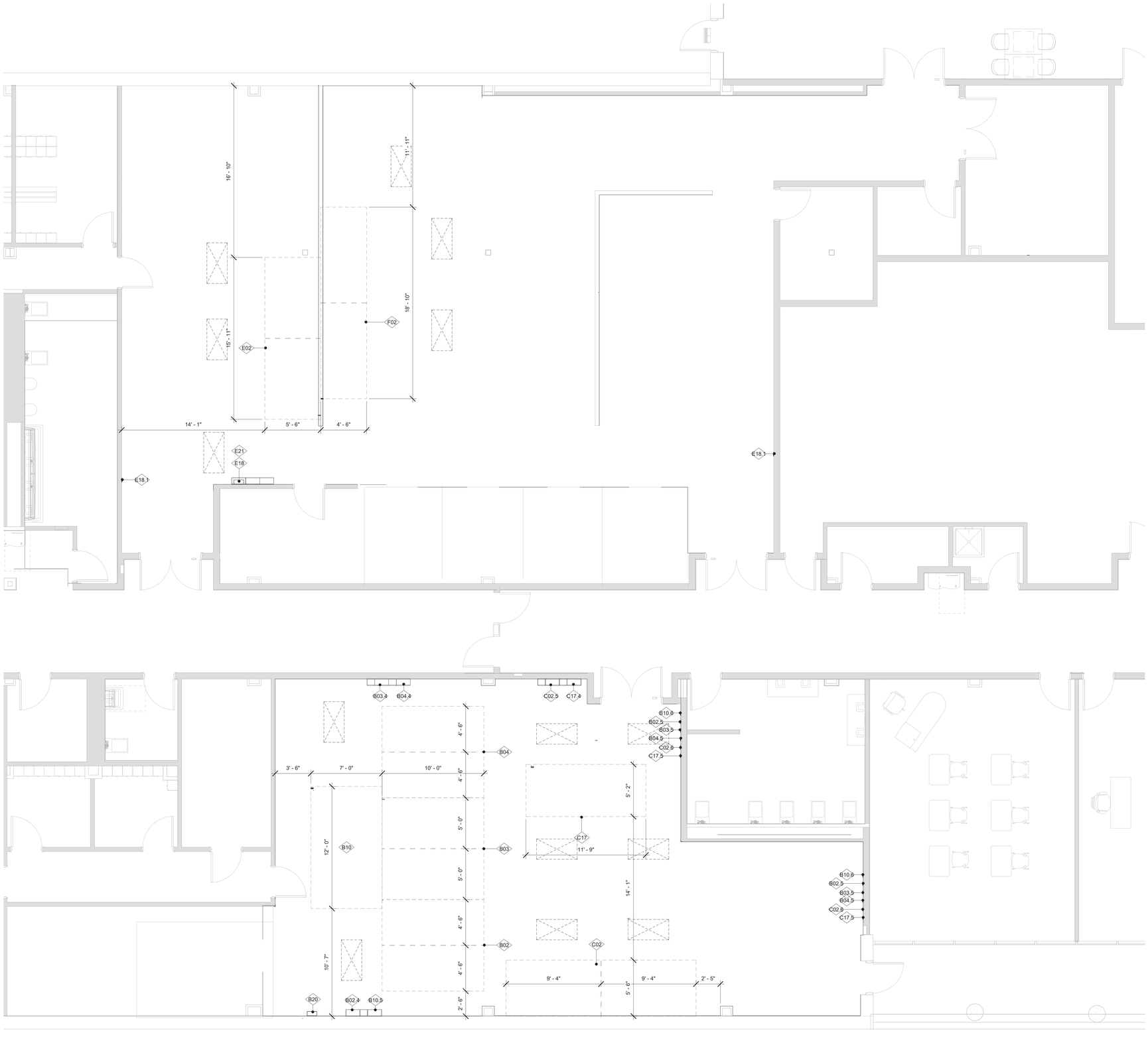
No.	Description	Date

ISSUED: BID SET ISSUANCE
DATE: 06/30/2025
SCALE: 1/4" = 1'-0"
SHEET NAME:
FOODSERVICE C.K.V. ROUGH-IN PLAN - KITCHEN #1
SHEET NUMBER:
FS-500

BID SET

DRAWN BY: JH/sr
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1 FOODSERVICE C.K.V. ROUGH-IN PLAN - KITCHEN #2&3
1/4" = 1'-0"

COMMERCIAL KITCHEN VENTILATION (CKV)/ HVAC NOTES

1. ALL DUCT WORK SIZING AND ROUTING SHALL BE DETERMINED BY MECHANICAL ENGINEER.
2. ALL EXHAUST AND/ OR SUPPLY FAN SIZING, PROVIDING & INSTALLING SHALL BE THE RESPONSIBILITY OF OTHERS. [UNLESS OTHERWISE NOTED]
3. BALANCING OF BUILDING HVAC SYSTEM SHALL BE PERFORMED BY HVAC CONTRACTOR PRIOR TO OCCUPANCY.
4. ALL LOCATIONS OF NEW HVAC SYSTEM DIFFUSERS AND RETURNS SHALL BE VERIFIED BY elite | studio + SPACE IMPROPER LOCATIONS CAN AFFECT THE OPERATION OF FOODSERVICE EQUIPMENT. elite | studio + CANNOT BE HELD RESPONSIBLE FOR EQUIPMENT MALFUNCTION OR LOSS OF PRODUCT DUE TO IMPROPER VENTILATION OUTLET / INLET LOCATIONS.
5. MECHANICAL CONTRACTOR SHALL ENSURE THAT ALL C.K.V. EXHAUST HOODS, DUCTWORK AND FANS NOTED AS EXISTING TO REMAIN ARE FUNCTIONING PROPERLY PRIOR TO OCCUPANCY. MECHANICAL CONTRACTOR / ENGINEER SHALL ALSO CONFIRM THAT CFM'S AND STATIC PRESSURE ARE ADEQUATE FOR NEW EQUIPMENT CONFIGURATION.
6. FURNISHING AND INSTALLING OF ROOF CURBS FOR KITCHEN VENTILATION EXHAUST FANS AND MAKE-UP AIR UNITS SHALL BE THE RESPONSIBILITY OF OTHERS UNLESS OTHERWISE INDICATED.
7. ALL CONTROL WIRING RELATED TO KITCHEN VENTILATION SHALL BE FURNISHED & INSTALLED BY THE MECHANICAL CONTRACTOR. ALL INTER-WIRING & FINAL CONNECTIONS SHALL BE BY THE ELECTRICAL CONTRACTOR.
8. UNI-STRUT THREADED ROD AND ALL OTHER ASSOCIATED MATERIAL AND HARDWARE ARE TO BE SUPPLIED AND INSTALLED BY COMMERCIAL KITCHEN VENTILATION CONTRACTOR.
9. HVAC ROOM DIFFUSERS SHALL NOT BE PLACED WITHIN 6' - 0" OF EXHAUST HOODS.
10. FOODSERVICE EQUIPMENT CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING FINAL DUCTWORK SHOP DRAWINGS WITH THE EXHAUST FAN MANUFACTURER FOR FINAL SELECTION & SPECIFICATIONS OF THE EXHAUST FAN[S], MAKE UP AIR FAN[S], AND / OR CONDENSATE FAN[S].
11. FINAL APPROVAL OF SPECIFICATIONS FOR ANY EXHAUST FANS, MAKE UP AIR UNITS, AND / OR CONDENSATE FANS SHALL BE THE RESPONSIBILITY OF THE MECHANICAL ENGINEER.

FOODSERVICE FIRE SUPPRESSION SYSTEM NOTES

1. ELECTRICIAN TO PROVIDE THE FOLLOWING CIRCUIT AT LOCATION OF FIRE SUPPRESSION SYSTEM: 1 j.B. AT 20 AMPS. ((ELECTRICIAN TO WIRE TO BUILDING FIRE ALARM SYSTEM AS REQUIRED.
2. IT IS THE RESPONSIBILITY OF THE ELECTRICIAN / PLUMBER TO ENSURE THE FOLLOWING OCCURS UPON DISCHARGE / ACTIVATION OF FOODSERVICE FIRE SUPPRESSION SYSTEM:
   - A. ALL SUPPLIES FEEDING ALL FOODSERVICE EQUIPMENT UNDER HOOD SHALL BE SHUT DOWN. (GAS & ELECTRIC).
   - B. ALL MAKE-UP AIR FANS SHALL BE SHUT DOWN. (AS PER LOCAL CODE)
   - C. ALL EXHAUST FANS SHALL TURN ON. (AS PER LOCAL CODE)
   - D. BUILDING FIRE ALARM SYSTEM WILL ACTIVATE AS REQUIRED.
   - E. ALL DRAWINGS, FILING, PERMITS AND TESTING SHALL BE THE RESPONSIBILITY OF FIRE SUPPRESSION CONTRACTOR.
3. ELECTRICIAN TO FURNISH & INSTALL SHUNT-TRIP BREAKER.
4. THE F.S.E.C. SHALL PROPERLY SIZE AND FURNISH ALL GAS SOLENOID VALVES REQUIRED FOR COOKING EQUIPMENT TO THE GENERAL CONTRACTOR FOR INSTALLATION BY THE PLUMBING AND / OR ELECTRICAL CONTRACTORS.

VENTILATION LEGEND

EXHAUST DUCT

SUPPLY DUCT

KCD DIFFUSER

NOTE: REFER TO MANUFACTURER'S DETAIL DRAWINGS

IMPORTANT NOTE FOR MECHANICAL ENGINEER

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KEY PLAN

REVISIONS

No.	Description	Date

ISSUED: BID SET ISSUANCE

DATE: 06/30/2025

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

SHEET NAME:
FOODSERVICE C.K.V. ROUGH-IN PLAN - KITCHEN #2&3

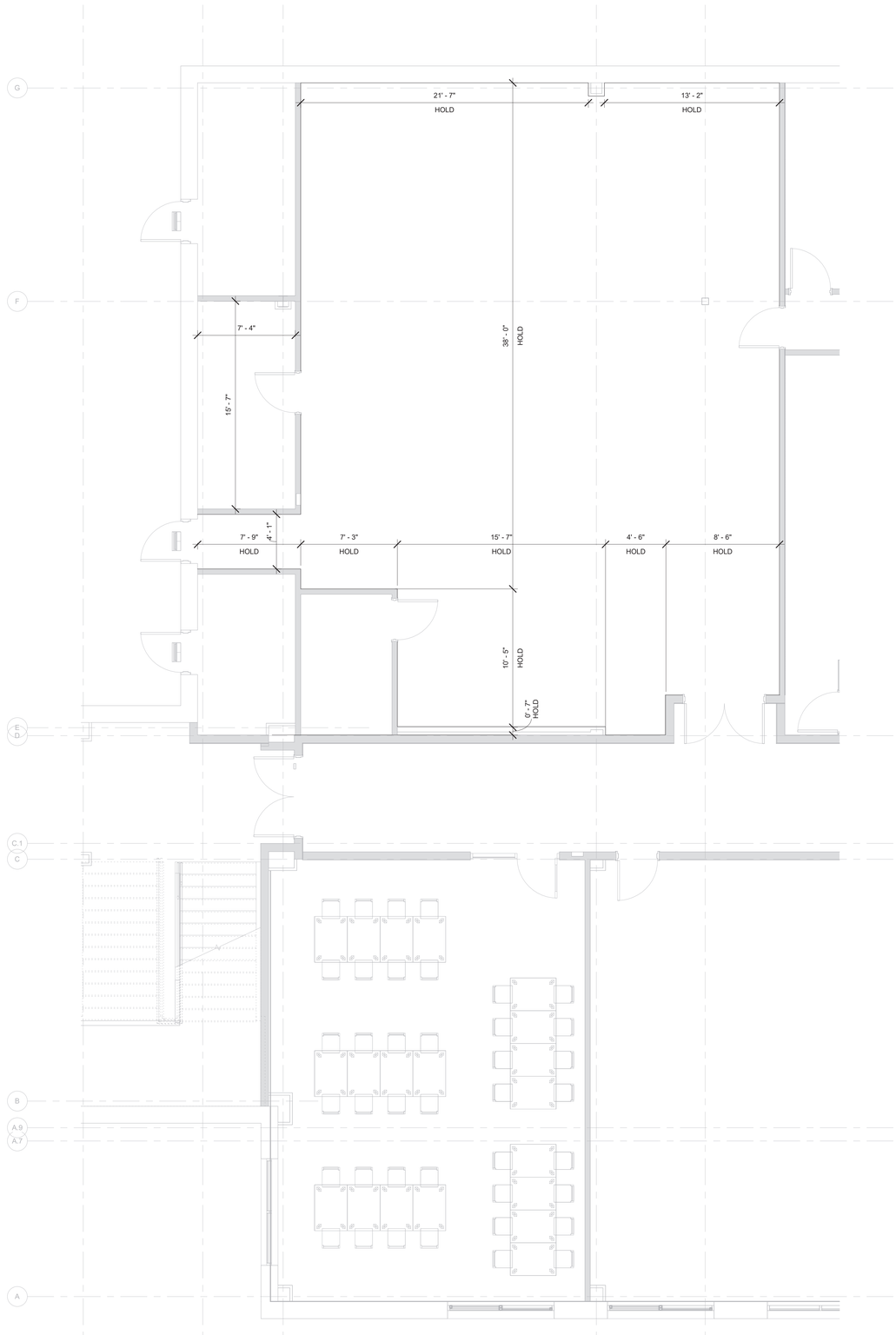
SHEET NUMBER:
FS-501

BID SET

DRAWN BY: JH/AV
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1 FOODSERVICE CRITICAL DIMENSION PLAN - KITCHEN #1
1/4" = 1'-0"

CRITICAL DIMENSION LEGEND

2' - 2" HOLD — CRITICAL DIMENSION

NOTE: ALL DIMENSIONS ON THIS SHEET ARE TO BE HELD

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

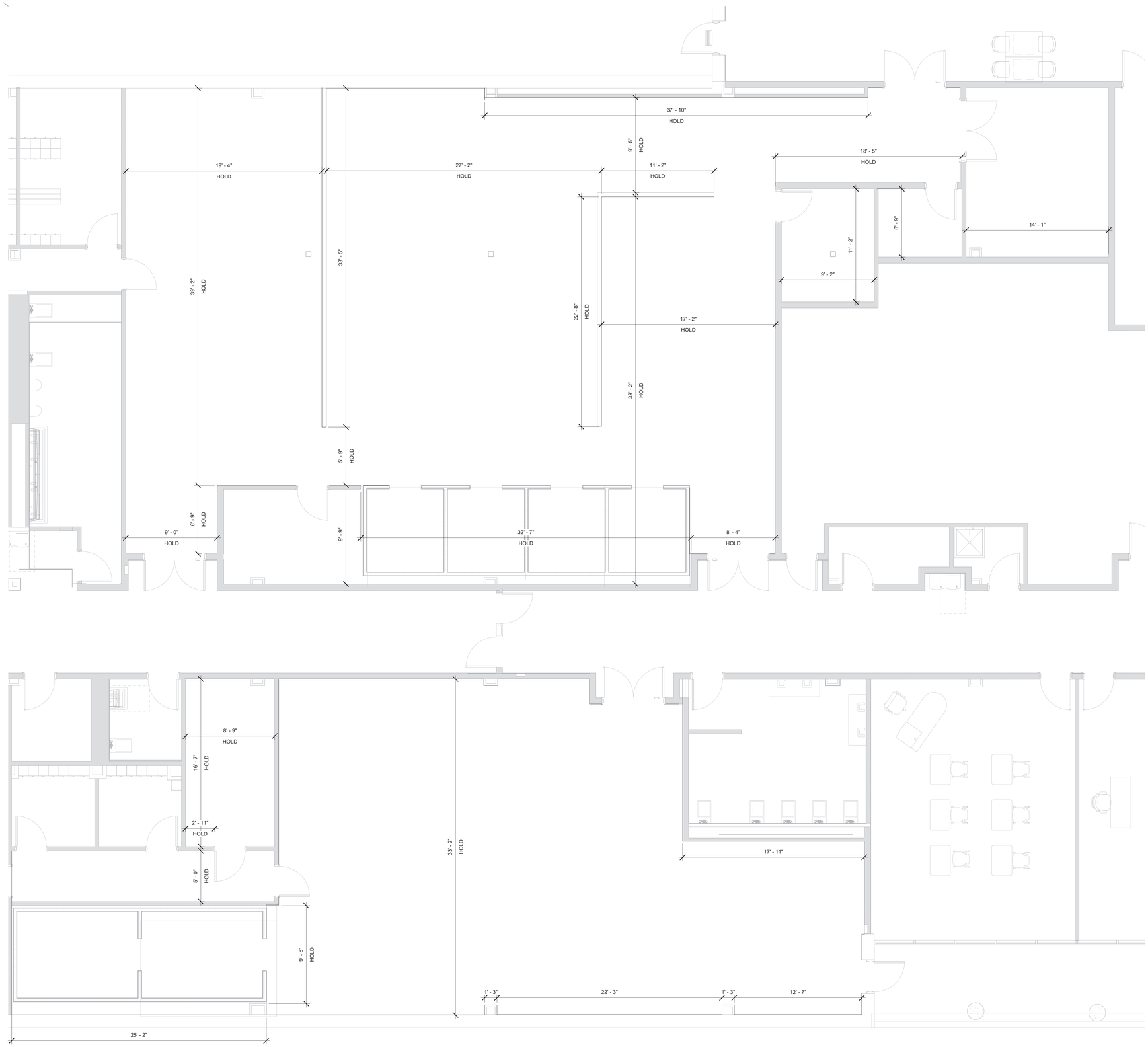
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SHEET NUMBER:
FS-520

BID SET

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1 FOODSERVICE CRITICAL DIMENSION PLAN - KITCHEN #2&3
1/4" = 1'-0"

CRITICAL DIMENSION LEGEND

2' - 2" HOLD — CRITICAL DIMENSION

NOTE: ALL DIMENSIONS ON THIS SHEET ARE TO BE HELD

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CHECKED BY: JAdler
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DATE: 06/30/2025

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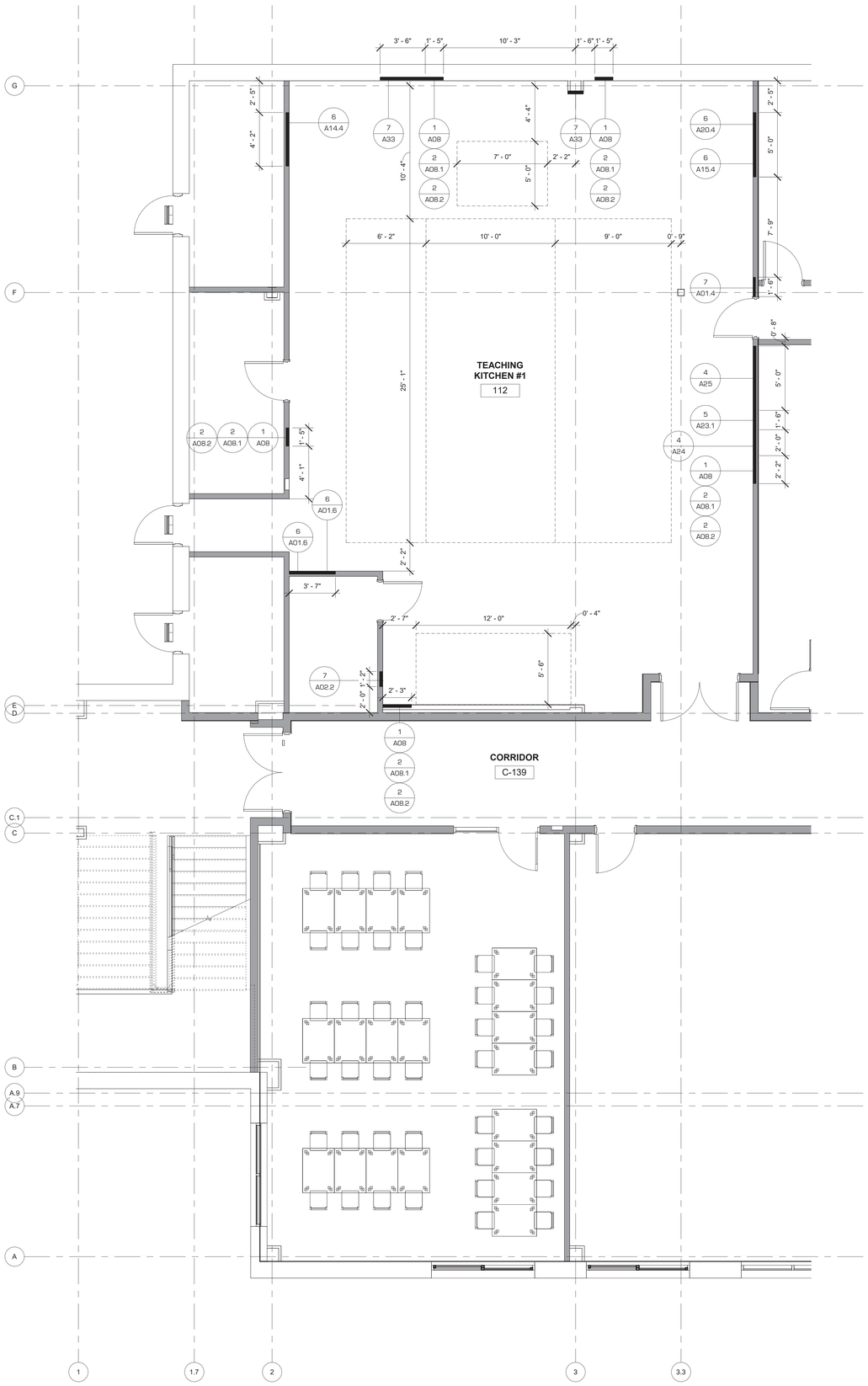
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FOODSERVICE CRITICAL DIMENSIONS PLAN - KITCHEN #2&3

SHEET NUMBER:
FS-521

BID SET

PROJECT NUMBER: 2333403.01

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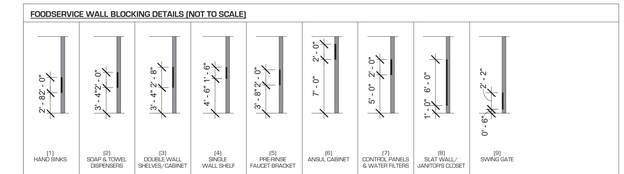
1 FOODSERVICE WALL BLOCKING/CEILING SUPPORT PLAN - KITCHEN #1
1/4" = 1'-0"

WALL BLOCKING/CEILING SUPPORT LEGEND

- REF # / ITEM # — WALL-BLOCKING TAG
- 2' - 2" — CRITICAL DIMENSION
- WALL BLOCKING [BY G.C.]
- FOODSERVICE EQUIPMENT CEILING SUPPORTS [BY G.C.]

NOTE: ALL DIMENSIONS ON THIS SHEET ARE TO BE HELD

FOODSERVICE WALL BLOCKING DETAILS (NOT TO SCALE)



[1] HAND SINKS
[2] SOAP & TOWEL DISPENSERS
[3] DOUBLE WALL SHELVES/CABINET
[4] SINGLE WALL SHELF
[5] PRE-RINSE FAUCET BRACKET
[6] ANSULL CABINET
[7] CONTROL PANELS & WATER FILTERS
[8] SLAT WALL/ JANITORS CLOSET
[9] SWING GATE

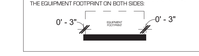
WALL BLOCKING TO BE 16-GAUGE GALVANIZED METAL OR 3/-4" EXTERIOR PLYWOOD. ALL WALL BLOCKING SHALL BE CONCEALED AND SECURELY ATTACHED TO WALL FRAMING WITHIN WALLS (BEHIND GYPSUM BOARD AND / OR FINISHES).

WALL BLOCKING LENGTHS SHOWN ARE MINIMUM. ALWAYS EXTEND ALL BLOCKING TO NEXT STUD IN EACH DIRECTION.

ALL WALL BLOCKING TO BE SUPPLIED & INSTALLED BY GENERAL CONTRACTOR (UNLESS OTHERWISE NOTED).

ANY SITE SPECIFIC CONDITIONS THAT REQUIRE DEVIATION FROM THESE INSTRUCTIONS, AND NOT COVERED IN PLAN NOTES, MUST BE COORDINATED WITH FOOD SERVICE EQUIPMENT CONTRACTOR PRIOR TO COMMENCEMENT OF WORK.

ALL WALL BLOCKING SHOULD EXCEED A MINIMUM OF 3" PAST THE EQUIPMENT FOOTPRINT ON BOTH SIDES:



* CORNER GUARDS ARE TO BE 18-20 GAUGE S/S, 2"X2", AND SECURED IN THE FOLLOWING MANNER:

1. *CORNER GUARDS SECURED TO S/S SURFACE ARE SECURED WITH "POP" RIVETS AND EDGES SILICONED. CORNER GUARDS TO BEGIN AT TOP OF SANITARY COVED MOLDING AND EXTEND TO A MINIMUM OF 48" AFF.

2. *CORNER GUARDS ARE TO BE SUPPLIED AND INSTALLED BY THE FOOD SERVICE EQUIPMENT CONTRACTOR.

3. *CORNER GUARDS SECURED TO FRP SURFACE ARE SECURED WITH CONTACT CEMENT AND EDGES SILICONED.

4. *GENERAL CONTRACTOR TO PROVIDE TRUE CONSISTANT 90 DEGREE ANGLES TO FACILITATE CORNER GUARD INSTALLATION.

[9] S/S CORNER GUARDS

S/S WALL CLADDING SECURED TO WALL SURFACE WITH CONTACT CEMENT. TRIM STRIPS AND EDGES ARE SILICONED.

S/S WALL CLADDING & STRIPS TO BE SUPPLIED AND INSTALLED BY THE FOOD SERVICE EQUIPMENT CONTRACTOR. IN COORDINATION WITH G.C. AND TRADE.

[10] S/S WALL CLADDING

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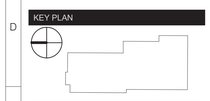
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ROCKLAND BOCES P-TECH C-TEC BUILDING

SED #: 50-90-00-00-0-044-001

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KEY PLAN



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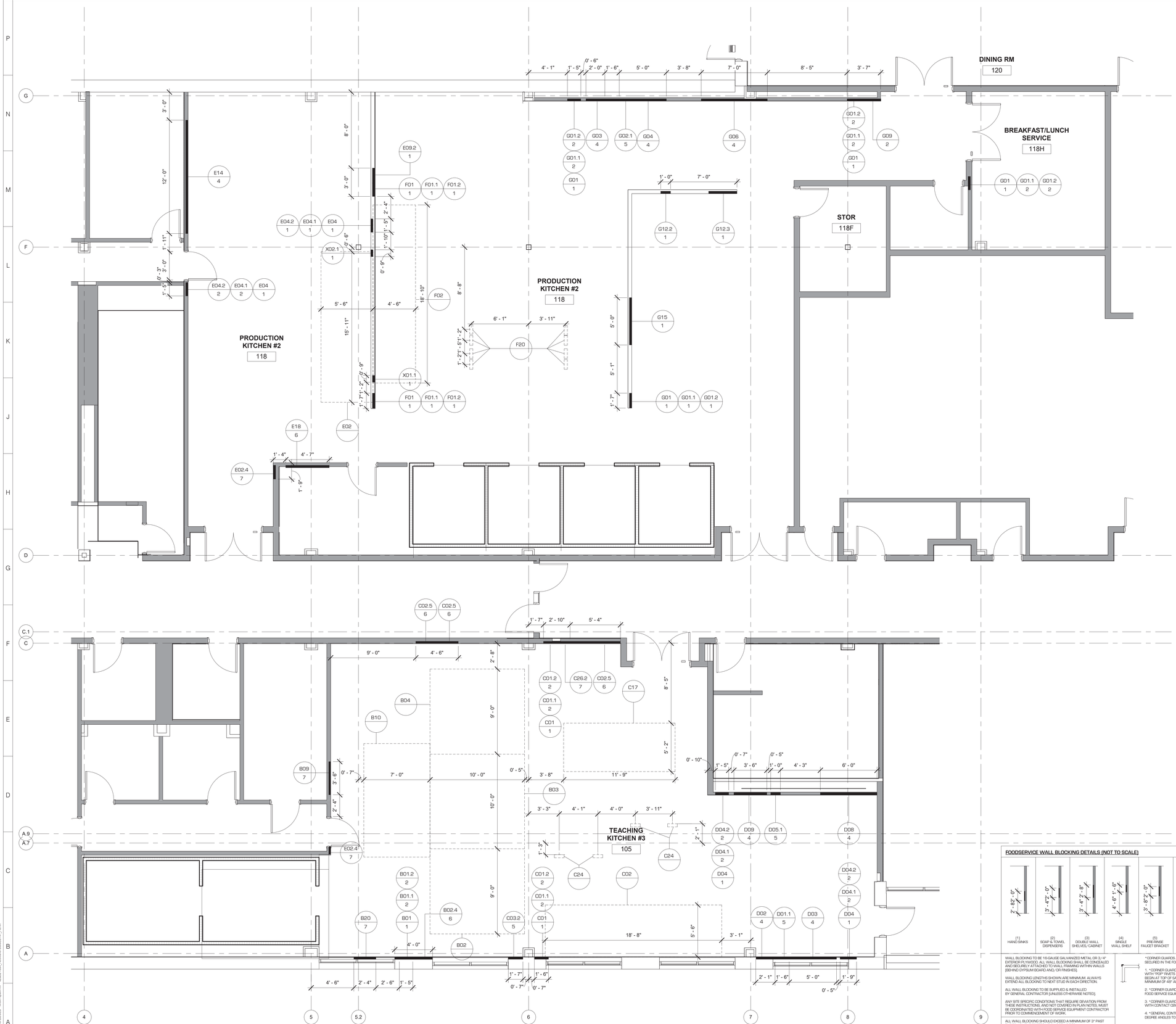
No.	Description	Date

ISSUED: BID SET ISSUANCE
DATE: 06/30/2025
SCALE: As indicated
SHEET NAME: FOODSERVICE WALL BLOCKING PLAN - KITCHEN #1
SHEET NUMBER: FS-540

BID SET

DRAWN BY: jhuhn
CHECKED BY: jhuhn
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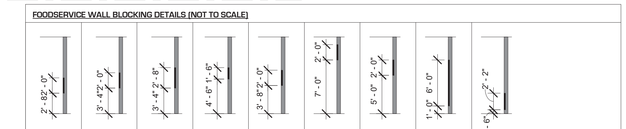
1 FOODSERVICE WALL BLOCKING/CEILING SUPPORT PLAN - KITCHEN #2 & 3
1/4" = 1'-0"

WALL BLOCKING/CEILING SUPPORT LEGEND

- REF # / ITEM # — WALL-BLOCKING TAG
- 2' - 2" — CRITICAL DIMENSION
- WALL BLOCKING [BY G.C.]
- FOODSERVICE EQUIPMENT CEILING SUPPORTS [BY G.C.]

NOTE: ALL DIMENSIONS ON THIS SHEET ARE TO BE HELD

FOODSERVICE WALL BLOCKING DETAILS (NOT TO SCALE)



(1) HAND SINKS
(2) SOAP & TOWEL DISPENSERS
(3) DOUBLE WALL SHELVES / CABINET
(4) SINGLE WALL SHELF
(5) PRE-RINSE FAUCET BRACKET
(6) ANSUL CABINET
(7) CONTROL PANELS & WATER FILTERS
(8) SLAT WALL / JANITOR'S CLOSET
(9) SWING GATE

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WALL BLOCKING LENGTHS SHOWN ARE MINIMUM. ALWAYS EXTEND ALL BLOCKING TO NEXT STUD IN EACH DIRECTION.

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ALL WALL BLOCKING SHOULD EXCEED A MINIMUM OF 3" PAST THE EQUIPMENT FOOTPRINT ON BOTH SIDES

0' - 3" — 0' - 3" — EQUIPMENT FOOTPRINT

*CORNER GUARDS ARE TO BE 18-20 GAUGE S./S. 2"X2" AND SECURED IN THE FOLLOWING MANNER.

1. *CORNER GUARDS SECURED TO S./S SURFACE ARE SECURED WITH "POP" RIVETS AND EDGES SILICONED. CORNER GUARDS TO BEGIN AT TOP OF SANITARY COVED MOLDING AND EXTEND TO A MINIMUM OF 48" AFF.

2. *CORNER GUARDS ARE TO BE SUPPLIED AND INSTALLED BY THE FOOD SERVICE EQUIPMENT CONTRACTOR.

3. *CORNER GUARDS SECURED TO FRP SURFACE ARE SECURED WITH CONTACT CEMENT AND EDGES SILICONED.

4. *GENERAL CONTRACTOR TO PROVIDE TRUE CONSISTANT 90 DEGREE ANGLES TO FACILITATE CORNER GUARD INSTALLATION.

{9} S./S CORNER GUARDS

S./S WALL CLADDING SECURED TO WALL SURFACE WITH CONTACT CEMENT. TRIM STRIPS AND EDGES ARE SILICONED.

S./S WALL CLADDING & STRIPS TO BE SUPPLIED AND INSTALLED BY THE FOOD SERVICE EQUIPMENT CONTRACTOR, IN COORDINATION WITH G.C. AND TRADE.

{10} S./S WALL CLADDING

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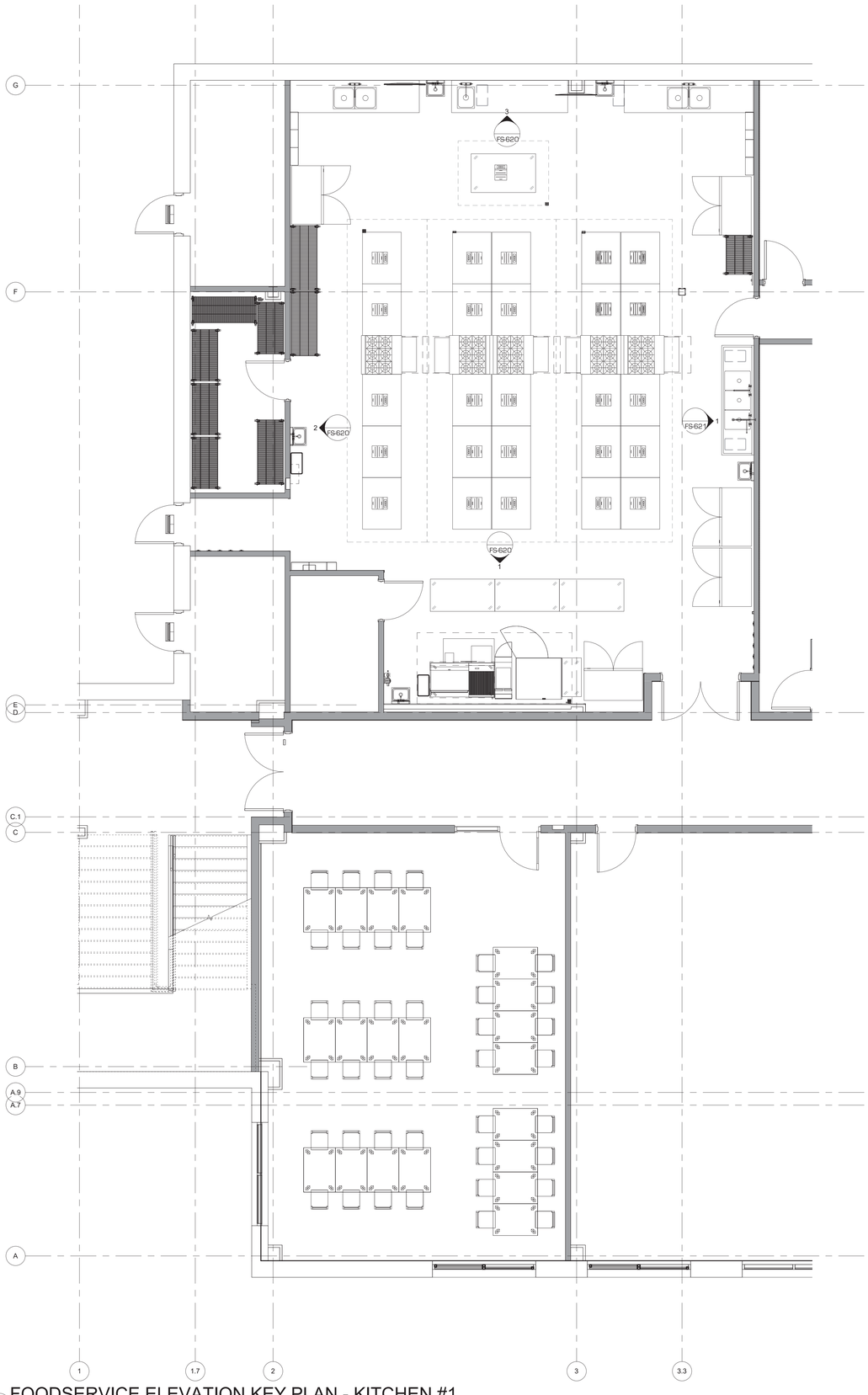
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SCALE: As indicated
SHEET NAME:
FOODSERVICE WALL BLOCKING PLAN - KITCHEN #2&3
SHEET NUMBER:
FS-541

BID SET

DRAWN BY: Author
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1 FOODSERVICE ELEVATION KEY PLAN - KITCHEN #1
1/4" = 1'-0"

ELEVATION KEY PLAN LEGEND

1 Ref / A101 / 1 Ref / 1 Ref — ELEVATION IDENTIFICATION SYMBOL

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DATE: 06/30/2025
SCALE: 1/4" = 1'-0"
SHEET NAME:
FOODSERVICE ELEVATION KEY PLAN - KITCHEN #1
SHEET NUMBER:
FS-600

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1 FOODSERVICE ELEVATION KEY PLAN - KITCHEN #2&3
1/4" = 1'-0"

ELEVATION KEY PLAN LEGEND

1 Ref / A101 / 1 Ref — ELEVATION IDENTIFICATION SYMBOL

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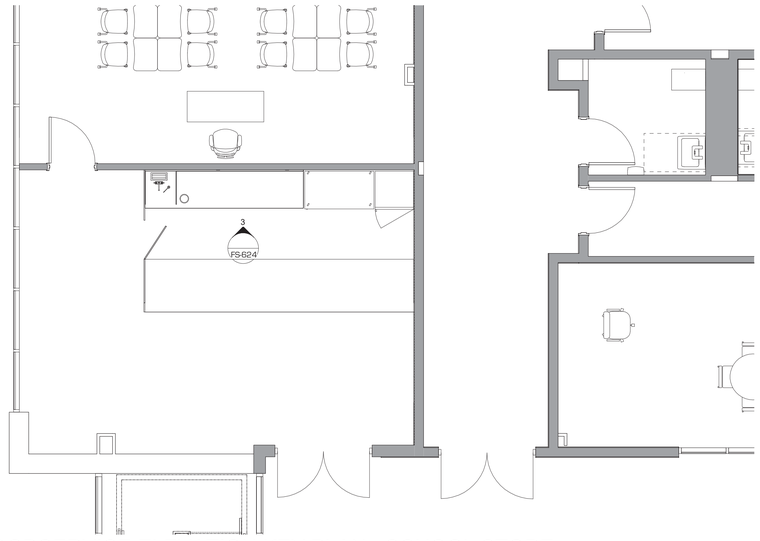
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SHEET NUMBER: FS-601

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1 FOODSERVICE ELEVATION KEY PLAN - SCHOOL STORE
1/4" = 1'-0"

ELEVATION KEY PLAN LEGEND

1 Ref — A101 — 1 Ref — ELEVATION IDENTIFICATION SYMBOL

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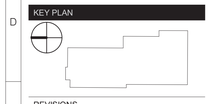
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KEY PLAN



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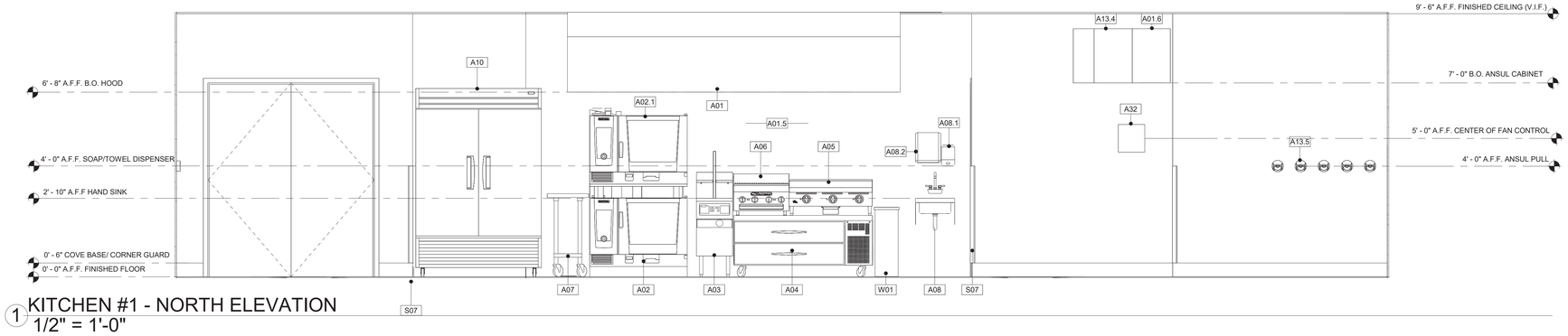
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FOODSERVICE ELEVATION KEY PLAN - SCHOOL STORE
SHEET NUMBER:
FS-602

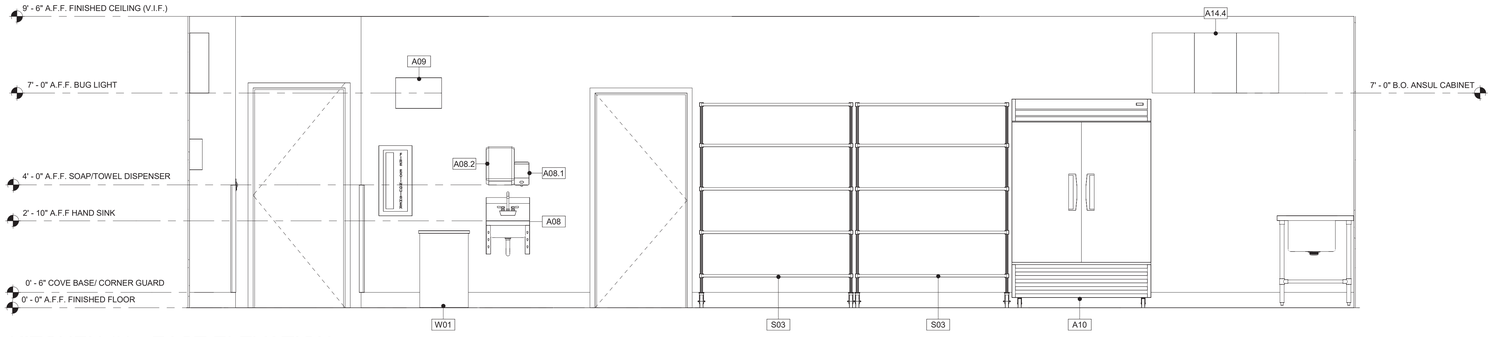
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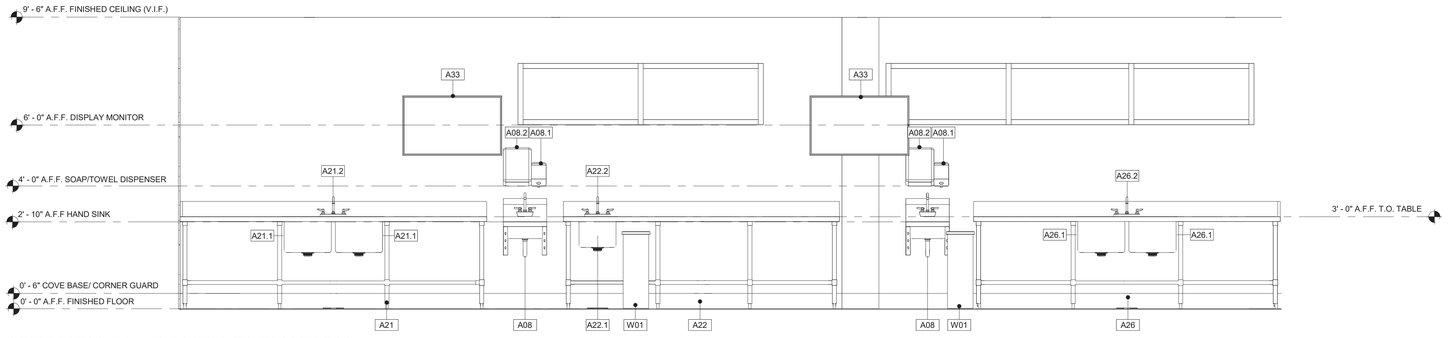
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1 KITCHEN #1 - NORTH ELEVATION
1/2" = 1'-0"



2 KITCHEN #1 - EAST ELEVATION
1/2" = 1'-0"



3 KITCHEN #1 - SOUTH ELEVATION
1/2" = 1'-0"

ELEVATION LEGEND:

- WALL END/ COLUMN
- SOLID SURFACE
- PLASTIC LAMINATE
- STAINLESS STEEL
- X / FS-660 — SECTION IDENTIFICATION SYMBOL

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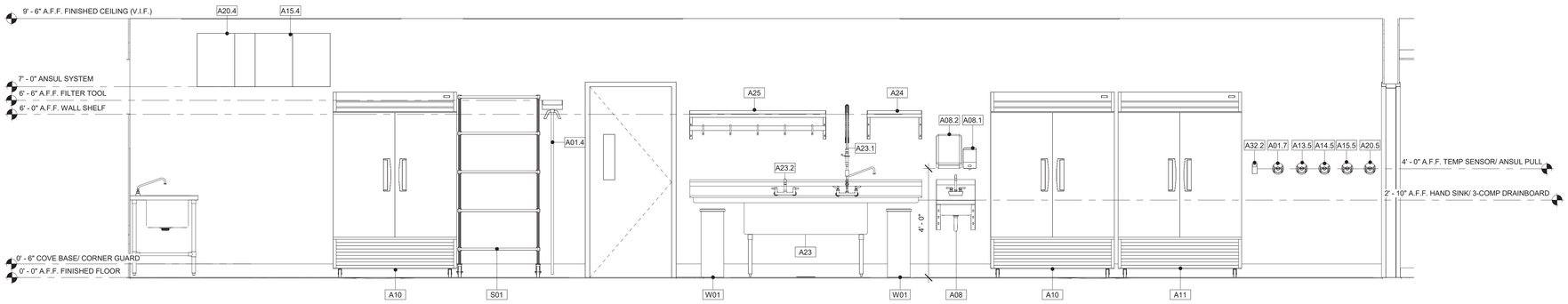
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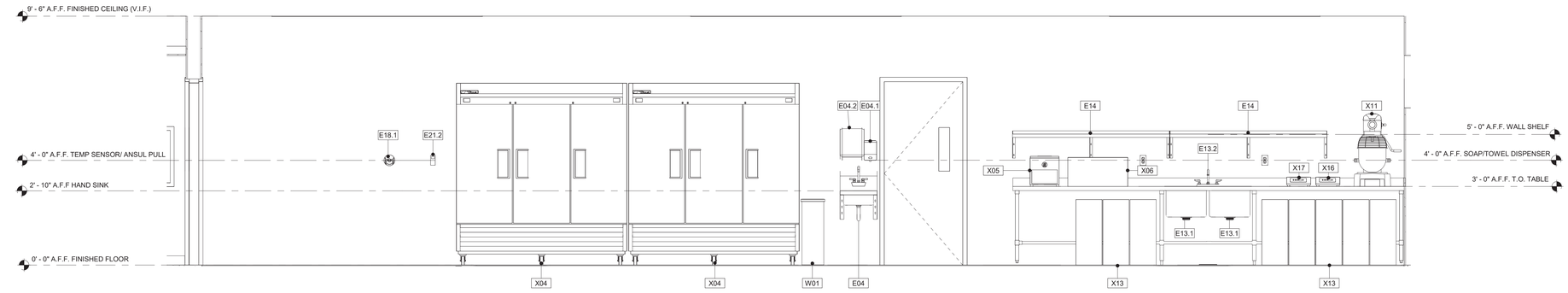
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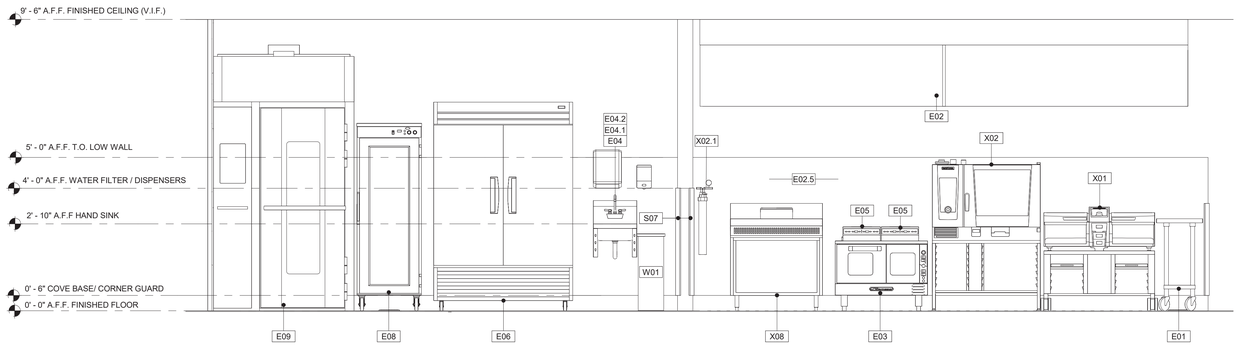
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1 KITCHEN #1 - WEST ELEVATION
1/2" = 1'-0"



2 KITCHEN #2 - BAKERY EAST ELEVATION
1/2" = 1'-0"



3 KITCHEN #2 - BAKERY WEST ELEVATION
1/2" = 1'-0"

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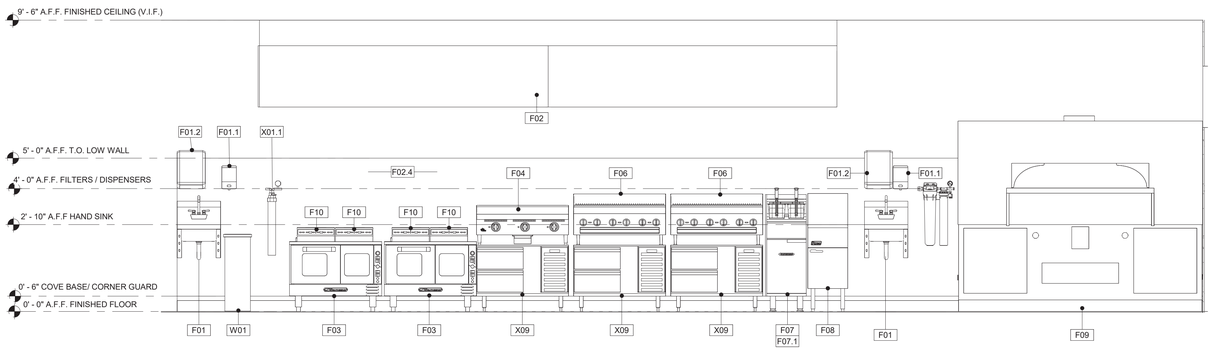
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BID SET

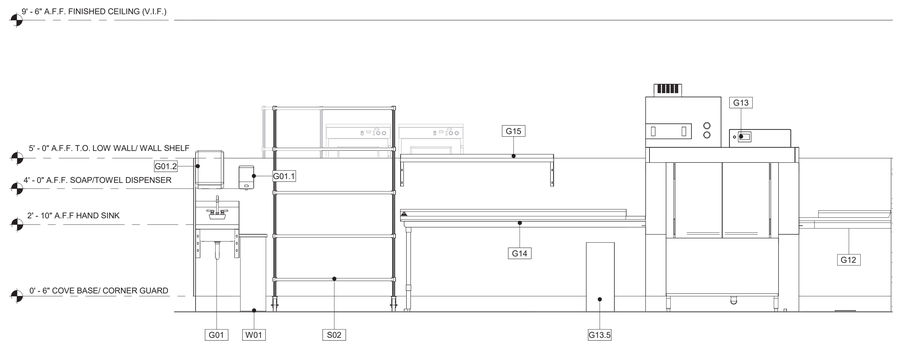
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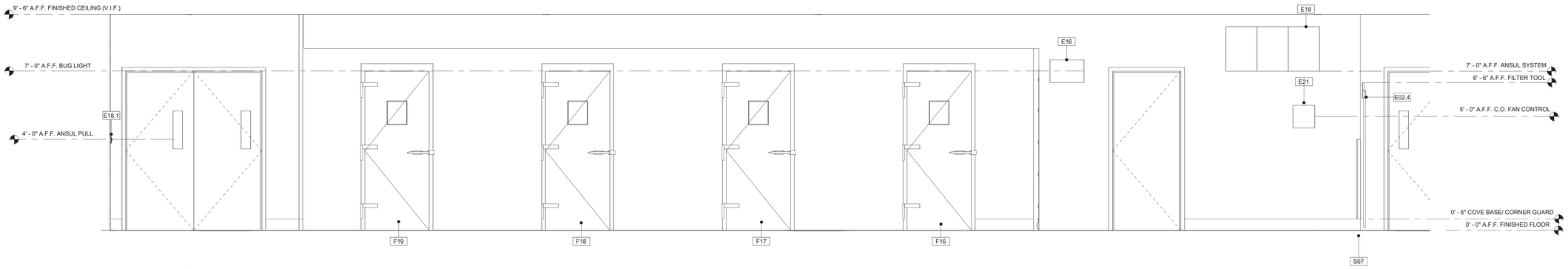
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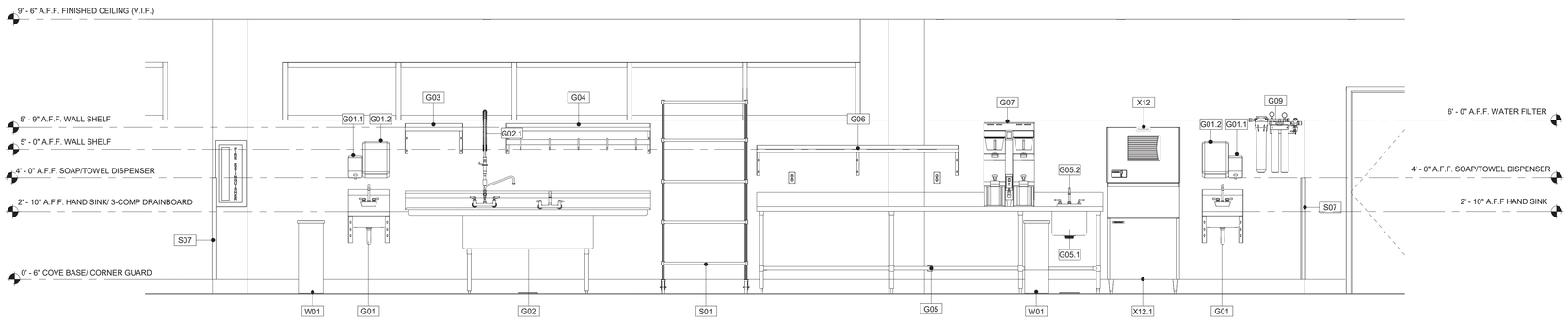
1 KITCHEN #2 - COOKLINE FRONT ELEVATION
1/2" = 1'-0"



4 KITCHEN #2 - WAREWASHING ELEVATION
1/2" = 1'-0"



2 KITCHEN #2 - NORTH ELEVATION
1/2" = 1'-0"



3 KITCHEN #2 - SOUTH ELEVATION
1/2" = 1'-0"

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No.	Description	Date

ISSUED: BID SET ISSUANCE

DATE: 06/30/2025

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

SHEET NAME:
FOODSERVICE ELEVATIONS

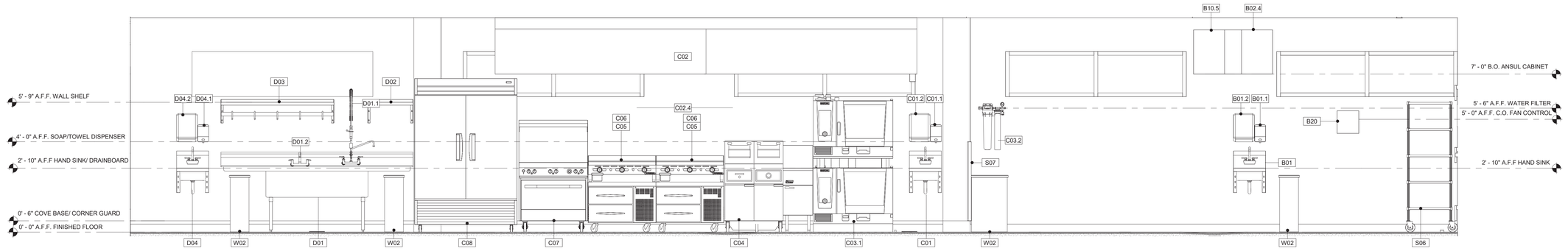
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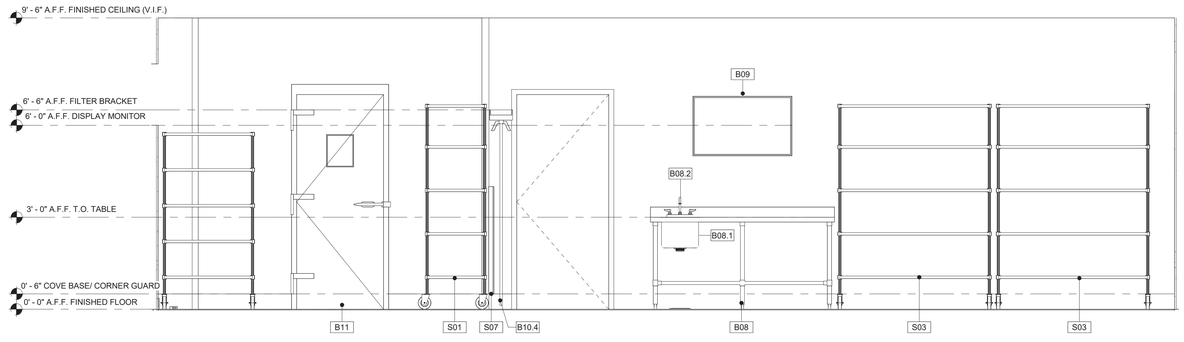
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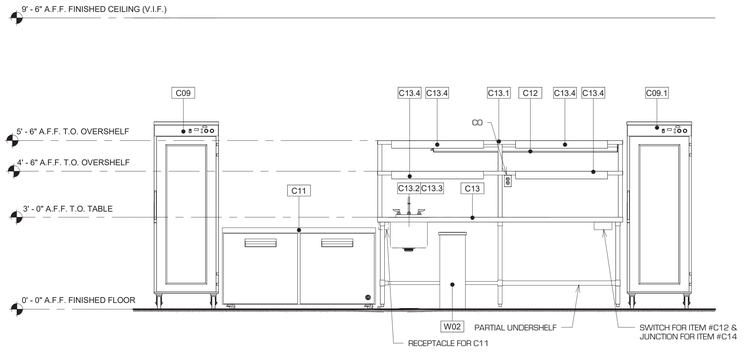
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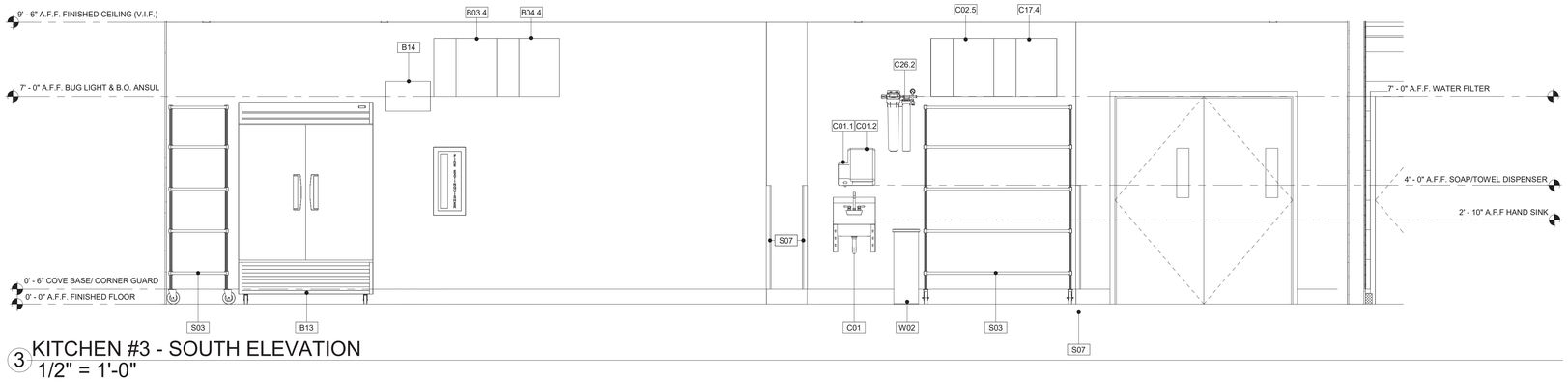
1 KITCHEN #3 - NORTH ELEVATION
1/2" = 1'-0"



2 KITCHEN #3 - EAST ELEVATION
1/2" = 1'-0"



4 KITCHEN #3 PREP - NORTH ELEVATION
1/2" = 1'-0"



3 KITCHEN #3 - SOUTH ELEVATION
1/2" = 1'-0"

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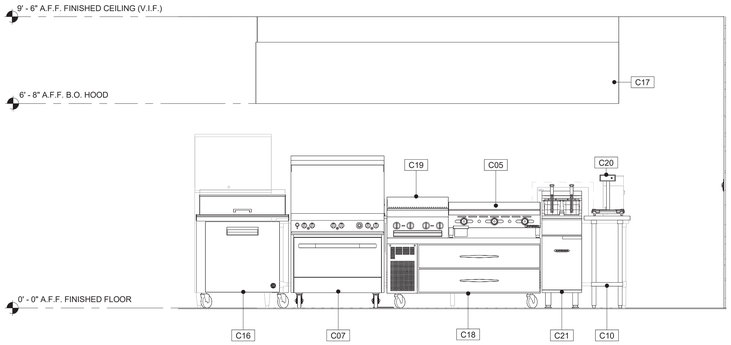
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SHEET NUMBER: FS-623

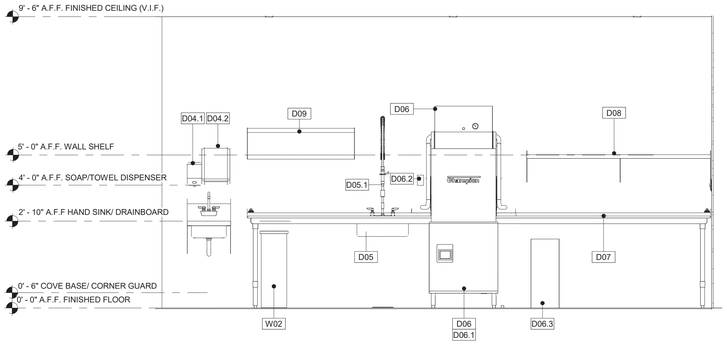
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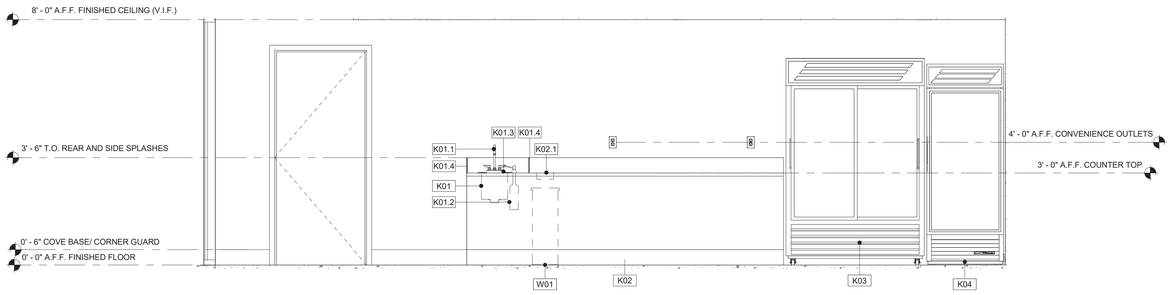
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1 KITCHEN #3 - COOKLINE ELEVATION
1/2" = 1'-0"



2 KITCHEN #3 - WAREWASHING ELEVATION
1/2" = 1'-0"



3 SCHOOL STORE - BACK COUNTER ELEVATION
1/2" = 1'-0"

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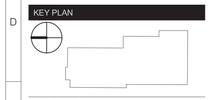
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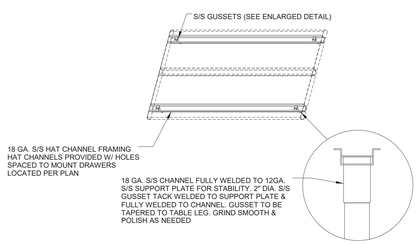
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FOODSERVICE ELEVATIONS

SHEET NUMBER:
FS-624

BID SET

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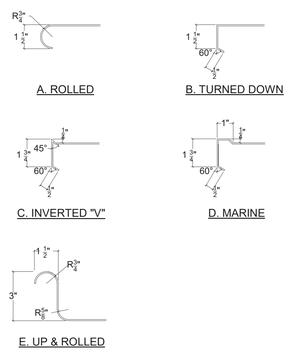


CHANNELS TO BE SECURED TO TABLE TOP
W/DOUBLE SIDED SOUND DEADENING TAPE
(COMPONENT HARDWARE MODEL #2076-1250)
AND TACK WELDED TO TURN DOWN FLANGES AT ENDS.

ALL WELDS TO BE GROUND SMOOTH AND POLISHED
AS NEEDED.

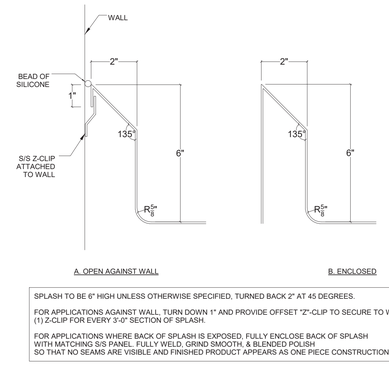
DTL. 1.01 STANDARD HAT CHANNEL FRAMING

SCALE: N.T.S.



DTL. 1.02 EDGES

SCALE: N.T.S.



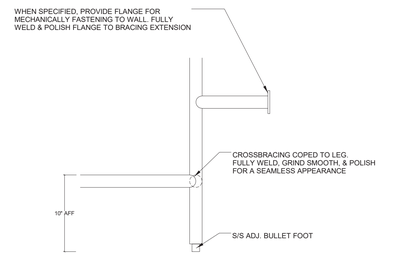
SPLASH TO BE 6" HIGH UNLESS OTHERWISE SPECIFIED, TURNED BACK 2" AT 45 DEGREES.

FOR APPLICATIONS AGAINST WALL, TURN DOWN 1" AND PROVIDE OFFSET "Z"-CLIP TO SECURE TO WALL.
(1) Z-CLIP FOR EVERY 3'-0" SECTION OF SPLASH.

FOR APPLICATIONS WHERE BACK OF SPLASH IS EXPOSED, FULLY ENCLOSE BACK OF SPLASH
WITH MATCHING S/S PANEL. FULLY WELD, GRIND SMOOTH, & BLENDED POLISH
SO THAT NO SEAMS ARE VISIBLE AND FINISHED PRODUCT APPEARS AS ONE PIECE CONSTRUCTION.

DTL. 1.03 SPLASHES

SCALE: N.T.S.

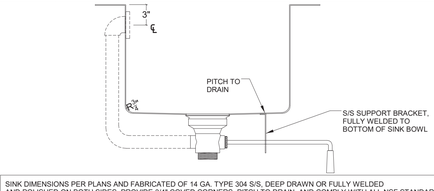


LEGS AND CROSSBRACING TO BE FABRICATED OF 1-5/8" O.D. 16 GA. S/S TYPE 304 TUBES
WITH 1" TALL ADJUSTABLE S/S BULLET FOOT.

WHERE SPECIFIED OR REQUIRED BY LOCAL CODE, PROVIDE 1" TALL ADJUSTABLE S/S FLANGED FOOT
IN LIEU OF BULLET FOOT.

DTL. 1.04 LEGS & CROSSBRACING

SCALE: N.T.S.



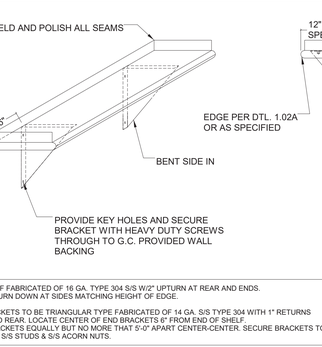
LEGS AND UNDERSHELF TO BE FABRICATED OF 1-5/8" O.D. 16 GA. S/S TYPE 304
WITH 1" TALL ADJUSTABLE S/S BULLET FOOT.

UNLESS SPECIFIED AS ADJUSTABLE, FULLY WELD, GRIND SMOOTH, & POLISH
WHERE UNDERSHELF MEETS LEG FOR A SEAMLESS APPEARANCE.

WHERE SPECIFIED OR REQUIRED BY LOCAL CODE, PROVIDE 1" TALL ADJUSTABLE S/S FLANGED FOOT
IN LIEU OF BULLET FOOT.

DTL. 1.05 LEGS & UNDERSHELF

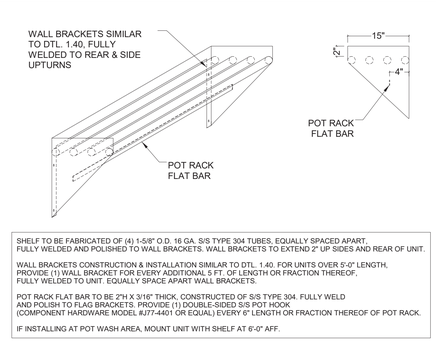
SCALE: N.T.S.



FABRICATED OF 16 GA. S/S TYPE 304, BENT AT 87 DEGREES AND CREASED AT ENDS.
INSTALL AT 6" AFF IMMEDIATELY ABOVE COVE BASE WITH DOUBLE-SIDED TAPE.
SILICONE SEAL TOP, BOTTOM, & SIDES TO ELIMINATE GAPS.
NO VISIBLE FASTENERS TO BE USED FOR INSTALLATION.

DTL. 1.10 CORNER GUARDS

SCALE: N.T.S.



MATERIALS LIST:
PANELS - 20 GA. S/S TYPE 304 #4 BRUSHED FINISH, VERTICAL GRAIN
END CAP - COMPONENT HARDWARE MODEL #J63-1451 CAP STRIP ON ALL 4 SIDES, CUT TO FIT
CENTER JOINING STRIP - COMPONENT HARDWARE MODEL #J64-1450, CUT TO FIT
ADHESIVE - HEAT RESISTANT MASTIC APPLIED TO BACK AND ADHERED TO DRY WALL PREPPED BY GC

DTL. 1.11 WALL FLASHING

SCALE: N.T.S.

TOE KICK TO BE 5-1/4" TALL, FABRICATED FROM 16 GA. S/S TYPE 304.
TURN BACK 90 DEGREES AT LEFT AND RIGHT ENDS WITH HEMMED EDGE
ALONG BOTTOM. FOR ANGLED COUNTERS, TURN BACK SIDES
AT MATCHING ANGLES TO COUNTER SO THAT TOE KICKS BUTT TIGHT TO EACH OTHER.
LENGTH TO BE NO MORE THAN 8'. FOR LONG SPANS OF COUNTER,
PROVIDE EQUAL LENGTH PIECES PER STRAIGHT COUNTER RUN.

PROVIDE MAGNETS SPACED NO MORE THAN 48" O.C. FOR EASY REMOVAL OF TOE KICK.

PROVIDE 1/2" GAP AT TOP OF TOE KICK FOR FINGER CLEARANCE
AND ADJUSTMENT WHEN INSTALLING & REMOVING TOE KICK.

DTL. 1.20 REMOVABLE KICK PLATE

SCALE: N.T.S.

SINK DIMENSIONS PER PLANS AND FABRICATED OF 14 GA. TYPE 304 S/S, DEEP DRAWN OR FULLY WELDED
AND POLISHED ON BOTH SIDES. PROVIDE 3/4" COVED CORNERS, PITCH TO DRAIN, AND COMPLY WITH ALL NSF STANDARDS.

UNLESS OTHERWISE SPECIFIED, FULLY WELD & BLENDED POLISH TO S/S TABLE FOR A SEAMLESS APPEARANCE.

IF UNDERMOUNTING IS SPECIFIED, PROVIDE CLIPS OR FASTENING SYSTEM UNDER COUNTERTOP TO SECURE SINK IN PLACE.
SILICONE SEAL WHERE TOP OF SINK MEETS COUNTERTOP PER NSF STANDARDS. COORDINATE CUT OUT REQUIREMENTS
WITH MILLWORK FABRICATOR.

IF DROP-IN IS SPECIFIED, SILICONE SEAL AROUND ALL EDGES WHERE THE FLANGE MEETS THE COUNTERTOP.
COORDINATE CUT OUT REQUIREMENTS WITH COUNTERTOP FABRICATOR.

UNLESS OTHERWISE SPECIFIED, DRAIN TO BE TWIST TYPE, FISHER MODEL #24082 OR EQUAL.
SHORTEN HANDLE AS REQUIRED IF THERE IS A CONFLICT WITH CABINET DOORS.

IF SPECIFIED WITH OVERFLOW, DRAIN TO BE TWIST TYPE W/OVERFLOW FISHER MODEL #24872 OR EQUAL.
PROVIDE 1 5/8" DIA. HOLE FOR OVERFLOW CENTERED 3" BELOW TOP OF SINK BOWL, MODIFY OVERFLOW TUBE AS NEEDED.

IF BASKET DRAIN IS SPECIFIED, PROVIDE FISHER MODEL #6556.

DECK-MOUNT OR SPLASH-MOUNT FAUCET TO BE FISHER OR EQUAL WITH SPOUT LENGTH ADEQUATE
TO LOCATE NOZZLE CENTERED OVER DRAIN. PROVIDE .5 GPM AERATOR IF REQUIRED BY LOCAL CODE.

DTL. 1.30 SINK

SCALE: N.T.S.

WALL SHELF FABRICATED OF 16 GA. TYPE 304 S/S W/2" UPTURN AT REAR AND ENDS.
PROVIDE TURN DOWN AT SIDES MATCHING HEIGHT OF EDGE.

WALL BRACKETS TO BE TRIANGULAR TYPE FABRICATED OF 14 GA. S/S TYPE 304 WITH 1" RETURNS
AT TOP AND REAR. LOCATE CENTER OF END BRACKETS 6" FROM END OF SHELF
SPACE BRACKETS EQUALLY BUT NO MORE THAT 5'-0" APART CENTER-CENTER. SECURE BRACKETS TO SHELF
W/WELDED S/S STUDS & S/S ACORN NUTS.

DTL. 1.40 WALL SHELF

SCALE: N.T.S.

SHELF TO BE FABRICATED OF (4) 1-5/8" O.D. 16 GA. S/S TYPE 304 TUBES, EQUALLY SPACED APART,
FULLY WELDED AND POLISHED TO WALL BRACKETS. WALL BRACKETS TO EXTEND 2" UP SIDES AND REAR OF UNIT.

WALL BRACKETS CONSTRUCTION & INSTALLATION SIMILAR TO DTL. 1.40. FOR UNITS OVER 5'-0" LENGTH,
PROVIDE (1) WALL BRACKET FOR EVERY ADDITIONAL 5 FT. OF LENGTH OR FRACTION THEREOF,
FULLY WELDED TO UNIT. EQUALLY SPACE APART WALL BRACKETS.

POT RACK FLAT BAR TO BE 2"H X 3/16" THICK, CONSTRUCTED OF S/S TYPE 304. FULLY WELD
AND POLISH TO FLAG BRACKETS. PROVIDE (1) DOUBLE-SIDED S/S POT HOOK
(COMPONENT HARDWARE MODEL #J77-4401 OR EQUAL) EVERY 6" LENGTH OR FRACTION THEREOF OF POT RACK.

IF INSTALLING AT POT WASH AREA, MOUNT UNIT WITH SHELF AT 6'-0" AFF.

DTL. 1.41 TUBULAR POT RACK WALL SHELF

SCALE: N.T.S.

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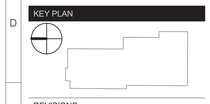
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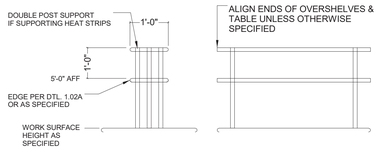
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FOODSERVICE TYPICAL STAINLESS STEEL DETAILS

SHEET NUMBER:
FS-680

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OVERSHELF TO BE FABRICATED OF 16 GA. S/S TYPE 304 W/ TURNED DOWN SIDES.
IF OVERSHELF IS LOCATED AT REAR OF TABLE, PROVIDE UPTURN AT REAR.

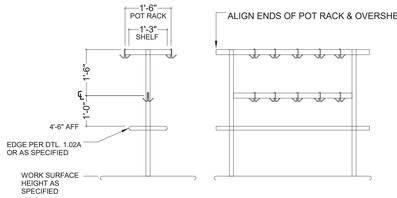
PROVIDE HAT CHANNEL SUPPORT UNDER OVERSHELF SPANNING LENGTH OF OVERSHELF
BETWEEN POSTS. MODIFY HAT CHANNEL TO RUN CONCEALED FLEXIBLE ELECTRICAL CONDUIT
FOR HEAT STRIPS, CONTROLS, CONVENIENCE OUTLETS, ETC. AS SPECIFIED PER PLANS AND ELEVATIONS.
IF SPECIFIED, MOUNT HEAT LAMPS OR DOG HOUSE RECEPTACLES TO HAT CHANNEL UNDER OVERSHELF.

PROVIDE 1-5/8" Ø 16GA. S/S TYPE 304 POSTS TO SUPPORT OVERSHELF CENTERED ON OVERSHELF.
POSTS TO BE EQUALLY SPACED ALONG LENGTH OF UNIT, BUT NO MORE THAN 5'-0" CENTER-CENTER.
END POSTS TO BE LOCATED 6" INSET FROM END OF OVERSHELF. IF HEAT STRIP IS TO BE SUPPORTED,
PROVIDE DOUBLE POSTS. EACH DOUBLE POST TO BE INSET 3" FROM OVERSHELF EDGE TO CENTER OF POST.

SECURELY MOUNT POSTS TO CHANNEL ON UNDERSIDE OF WORK SURFACE
OR OTHERWISE SECURE TO LEG STRUCTURE BELOW WORKTABLE.
IF MOUNTING AT REAR OF TABLE AGAINST WALL, PROVIDE CUT OUT IN TOP OF SPLASH
AND MOUNT REAR POSTS THROUGH THE SPLASH. SILICONE SEAL ANY REMAINING GAPS IN THE SPLASH
WHERE POSTS PENETRATE.

DTL. 1.41 — TABLE-MOUNTED OVERSHELF

SCALE: N.T.S.



OVERSHELF FABRICATED & MOUNTED PER DTL. 1.41.

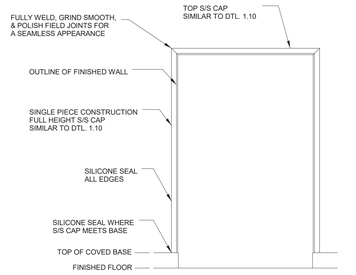
OVAL-SHAPED POT RACK & FLAT BAR TO BE 2"H X 3/16" THICK, CONSTRUCTED OF S/S TYPE 304.
FULLY WELD AND POLISH TO SUPPORT BRACKETS AND POSTS. TOP OF POT RACK TO BE LOCATED AT 7'-0" AFF.
PROVIDE (1) DOUBLE-SIDED S/S POT HOOK (COMPONENT HARDWARE MODEL #J77-4401 OR EQUAL)
EVERY 6" LENGTH OR FRACTION THEREOF ON EACH SIDE OF POT RACK.

PROVIDE 1-5/8" Ø 16GA. S/S TYPE 304 POSTS TO SUPPORT OVERSHELF & POT RACK.
POSTS TO BE EQUALLY SPACED ALONG LENGTH OF UNIT, BUT NO MORE THAN 5'-0" CENTER-CENTER.
END POSTS TO BE LOCATED 6" INSET FROM END OF OVERSHELF AND OVAL POT RACK.

SECURELY MOUNT POSTS TO CHANNEL ON UNDERSIDE OF WORK SURFACE OR OTHERWISE SECURE
TO LEG STRUCTURE BELOW WORKTABLE.

DTL. 1.42 — TABLE-MOUNTED
POT RACK OVERSHELF

SCALE: N.T.S.



IF NO BASE IS SPECIFIED, EXTEND S/S CAP TO FLOOR AND SILICONE SEAL TO FLOOR
TO PREVENT GAPS WHERE DIRT MAY ACCUMULATE.

DTL. 1.60 — ANGLED TRIM @ WALL OPENING

SCALE: N.T.S.

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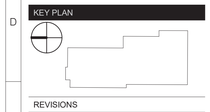
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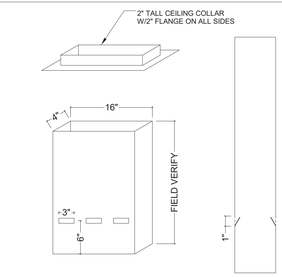
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18 GA. S/S TYPE 304 FULLY WELDED AND POLISHED CONSTRUCTION.
SECURE BOTTOM TO DISHWASHER COLLAR PER MFR'S INSTRUCTIONS
OR WITH S/S SCREWS & EXTEND VENT DUCT TO 6" ABOVE FINISHED CEILING.

PROVIDE 2" TALL CEILING COLLAR WITH 2" FLANGE ON ALL SIDES AS SHOWN.

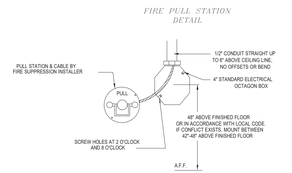
PROVIDE SILICONE SEALANT TO ENSURE WATER TIGHT CONNECTIONS.

PROVIDE 1" TALL X 3" WIDE PUNCHES (3 ON EACH SIDE) CENTERED
AT 6" FROM BOTTOM OF VENT DUCT. UPSIZE CFM'S BY 50%.

DTL. 5.02 — CONDENSATE VENT DUCT

SCALE: N.T.S.

FIRE PULL STATION DETAIL



NOTE:
PULL STATION SHOULD BE ACCESSIBLE IN THE EVENT OF A FIRE, LOCATED IN A PATH OF EGRESS, AND CLEARLY IDENTIFY THE HAZARD PROTECTED. LOCATION TO COMPLY WITH NFPA AND ANY APPLICABLE CODES.

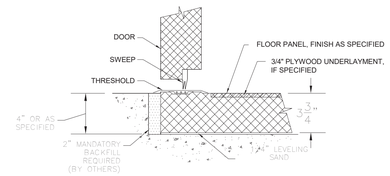
ELECTRICAL CONTRACTOR TO PROVIDE EMPTY JUNCTION BOX WITH EMPTY CONDUIT AS SHOWN.

JUNCTION BOX AND CONDUIT TO BE RECESSED IN WALL
UNLESS FIELD CONDITIONS REQUIRE SURFACE MOUNTING METHOD.

THIS DETAIL IS FOR ILLUSTRATIVE PURPOSES ONLY. VERIFY WITH FIRE SUPPRESSION INSTALLER
THE EXACT TYPE OF JUNCTION BOX REQUIRED.

DTL. 5.10 — FIRE PULL STATION

SCALE: N.T.S.



WALK-IN FABRICATION DETAILS PER MFR DETAIL DRAWINGS. ALL WALK-IN PANELS TO BE INSULATED WITH MINIMUM R-VALUES PER LOCAL CODE. PROVIDE 36" H ALUMINUM DIAMOND TREAD PLATE WAINSCOTING AS SPECIFIED.

ALL WALL AND CEILING PANELS TO HAVE MIN. 2" AIR GAP FROM BUILDING WALLS.

WALK-IN FLOOR FINISH TO BE SMOOTH ALUMINUM OR DIAMOND TREAD PLATE (AS SPECIFIED).

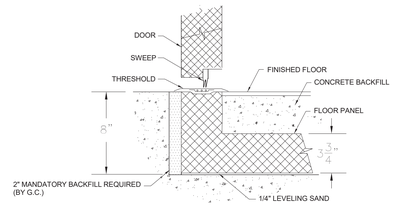
G.C. TO PROVIDE 4" DEEP PIT UNLESS OTHERWISE SPECIFIED TO ALLOW FOR RECESS OF WALK-IN COMPLEX. PIT TO BE LARGER THAN OVERALL WALK-IN DIMENSIONS BY 2" ON EACH SIDE. BACKFILL WITH MORTAR.

IF NECESSARY, PROVIDE LEVELING SAND TO RAISE WALK-IN INTERIOR FINISHED FLOOR TO SAME HEIGHT AS EXTERIOR FINISHED FLOOR.

WALK-IN MFR TO PROVIDE CLOSURE PANELS FABRICATED OF MATCHING MATERIAL TO CONCEAL GAPS AT TOP AND SIDES OF WALK-IN.

DTL. 6.02 — WALK-IN (IN 4" DEPRESSION)

SCALE: N.T.S.



WALK-IN FABRICATION DETAILS PER MFR DETAIL DRAWINGS. ALL WALK-IN PANELS TO BE INSULATED WITH MINIMUM R-VALUES PER LOCAL CODE. PROVIDE 36" H ALUMINUM DIAMOND TREAD PLATE WAINSCOTING AS SPECIFIED.

ALL WALL AND CEILING PANELS TO HAVE MIN. 2" AIR GAP FROM BUILDING WALLS.

WALK-IN FLOOR FINISH TO BE SMOOTH ALUMINUM OR DIAMOND TREAD PLATE (AS SPECIFIED).

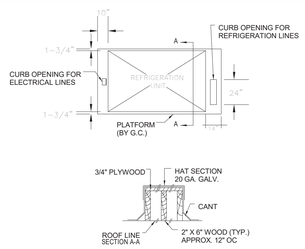
G.C. TO PROVIDE 8" DEEP PIT UNLESS OTHERWISE SPECIFIED TO ALLOW FOR RECESS OF WALK-IN COMPLEX. PIT TO BE LARGER THAN OVERALL WALK-IN DIMENSIONS BY 2" ON EACH SIDE. BACKFILL 2" GAP WITH MORTAR. BACKFILL INTERIOR OF WALK-IN WITH CONCRETE.

PROVIDE LEVELING SAND AS NEEDED TO ENSURE LEVEL FLOOR PANEL.

WALK-IN MFR TO PROVIDE CLOSURE PANELS FABRICATED OF MATCHING MATERIAL TO CONCEAL GAPS AT TOP AND SIDES OF WALK-IN.

DTL. 6.03 — WALK-IN (IN 8" DEPRESSION)

SCALE: N.T.S.

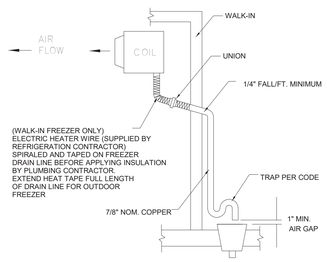


MOUNTING PLATFORM PROVIDED AND INSTALLED BY G.C.

NOTES:
1. PLATFORM TO BE INSTALLED LEVEL.
2. PROVIDE SHEETMETAL HAT SECTION WITH WATER TIGHT SOLDERED JOINTS.
3. BACK FILL OPENING WITH HOT PITCH AFTER INSTALLATION.
4. G.C. TO VERIFY PLATFORM DIMENSIONS WITH REFRIGERATION UNIT DIMENSIONS.
5. G.C. TO COORDINATE PLATFORM DESIGN WITH ARCHITECT, F.S.E.C., AND/OR REFRIGERATION CONTRACTOR.
6. G.C. TO COORDINATE THIS PLATFORM DETAIL WITH ROOF DESIGN.

DTL. 6.05 — OUTDOOR MOUNTING PLATFORM

SCALE: N.T.S.



CONTRACTOR MAKING PENETRATIONS IN WALK-IN PANELS SHALL SEAL THE PENETRATION TO PREVENT CONDENSATION FROM FORMING

DTL. 6.06 — REFRIGERATION DRAIN LINE

SCALE: N.T.S.

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ROCKLAND BOCES
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ROCKLAND BOCES P-TECH C-TEC BUILDING

SED #: 50-90-00-00-0-044-001

65 PARROT RD,
WEST NYACK, NY 10994

KEY PLAN

REVISIONS

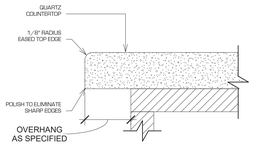
No.	Description	Date

ISSUED: BID SET ISSUANCE
DATE: 06/30/2025
SCALE: 1/2" = 1'-0"
SHEET NAME:
FOODSERVICE TYPICAL STAINLESS STEEL DETAILS
SHEET NUMBER:
FS-682

BID SET

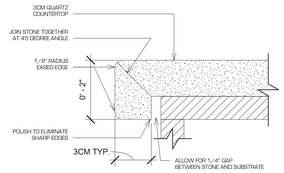
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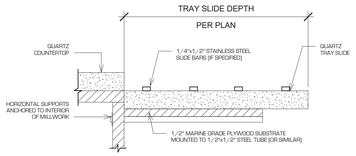
DTL. 9.01 — EASED STONE EDGE DETAIL

SCALE: 6" = 1' - 0"



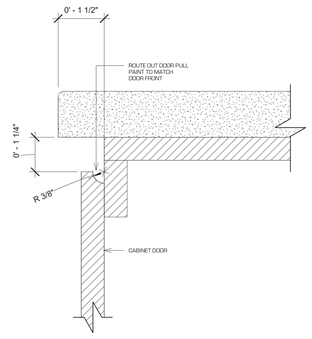
DTL. 9.02 — STONE TURN DOWN DETAIL

SCALE: 6" = 1' - 0"



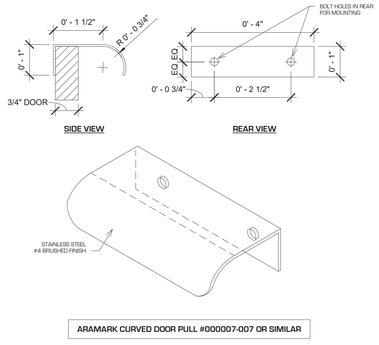
DTL. 9.03 — STONE TRAY SLIDE DETAIL

SCALE: 3" = 1' - 0"



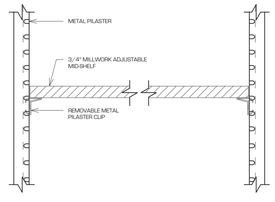
DTL. 9.20.1 — CABINET DOOR FINGER PULL DETAIL

SCALE: 6" = 1' - 0"



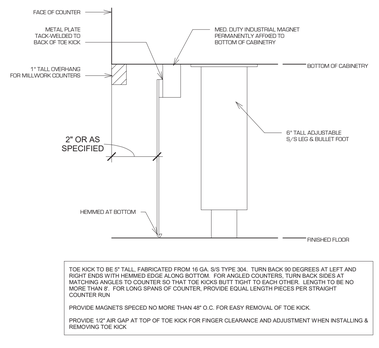
DTL. 9.20.2 — ADA DOOR PULL DETAIL

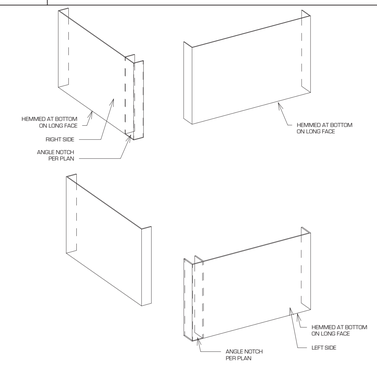
SCALE: 6" = 1' - 0"



DTL. 9.25 — ADJUSTABLE MID-SHELF DETAIL

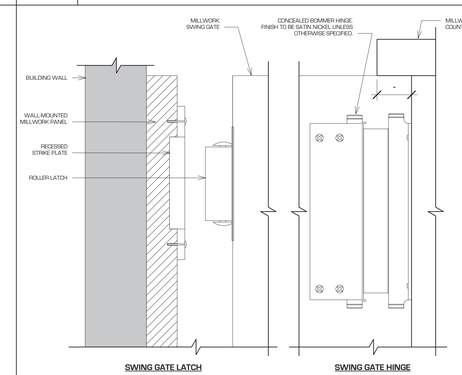
SCALE: 3" = 1' - 0"





DTL. 9.30 — KICKPLATE DETAIL

SCALE: N.T.S.



DTL. 9.40 — MILLWORK SWING GATE DETAIL

SCALE: 6" = 1' - 0"

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ROCKLAND BOCES P-TECH C-TEC BUILDING

SED #: 50-90-00-00-0-044-001

65 PARROT RD,
WEST NYACK, NY 10994

KEY PLAN

REVISIONS

No.	Description	Date

ISSUED: BID SET ISSUANCE

DATE: 06/30/2025

SCALE: As indicated

SHEET NAME:
FOODSERVICE TYPICAL MILLWORK DETAILS

SHEET NUMBER:
FS-690

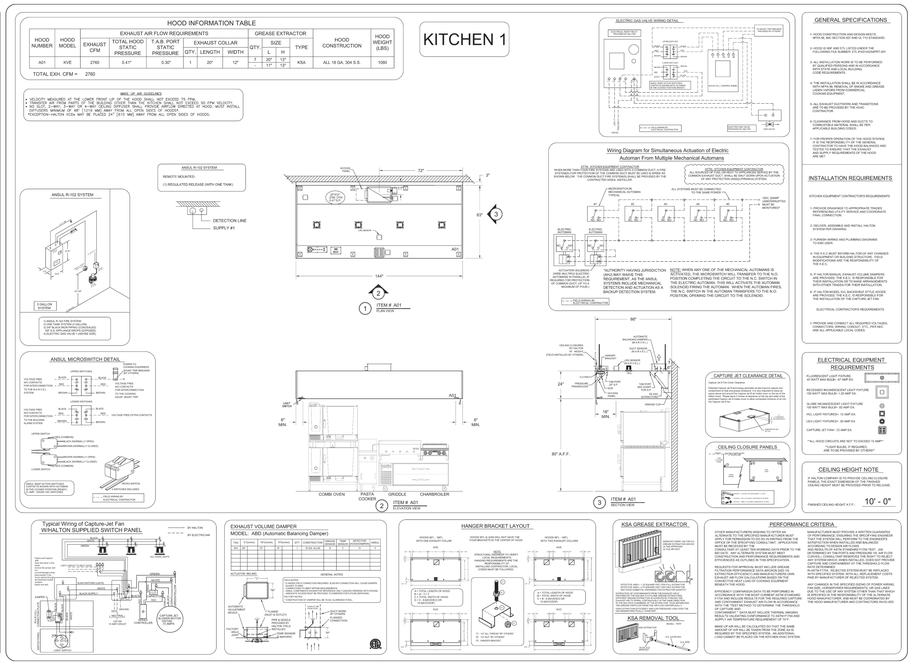
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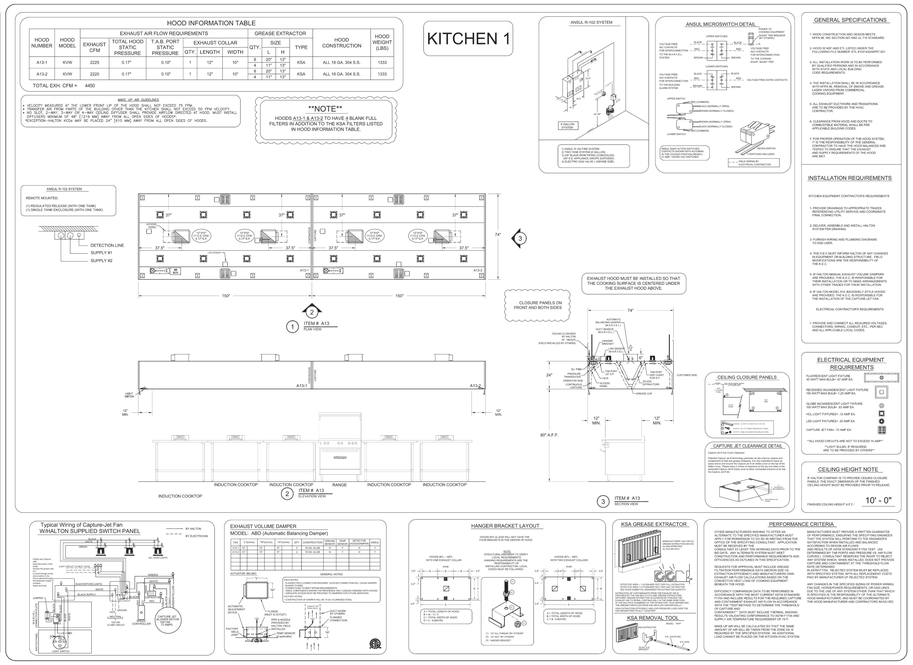
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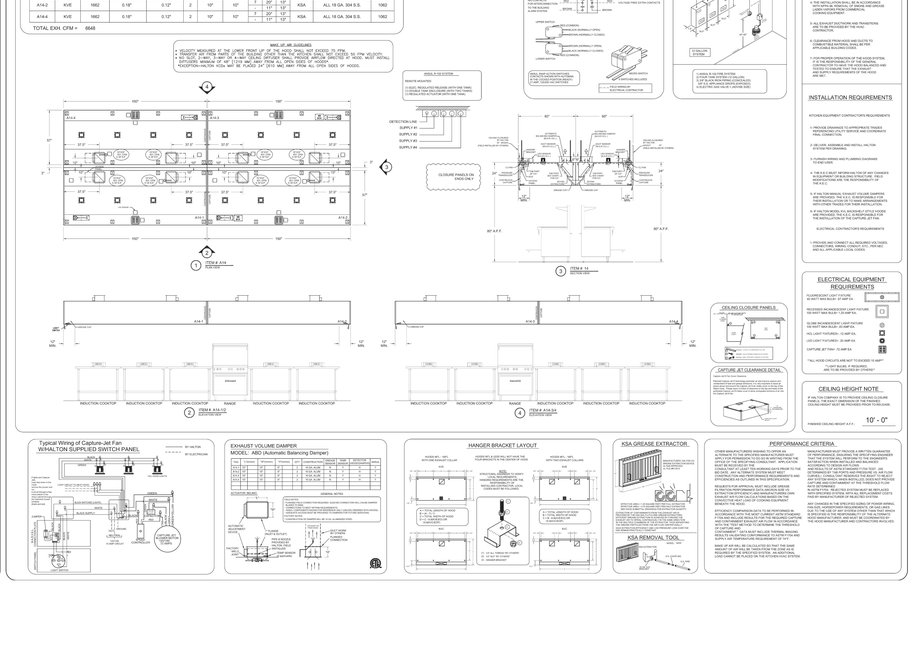
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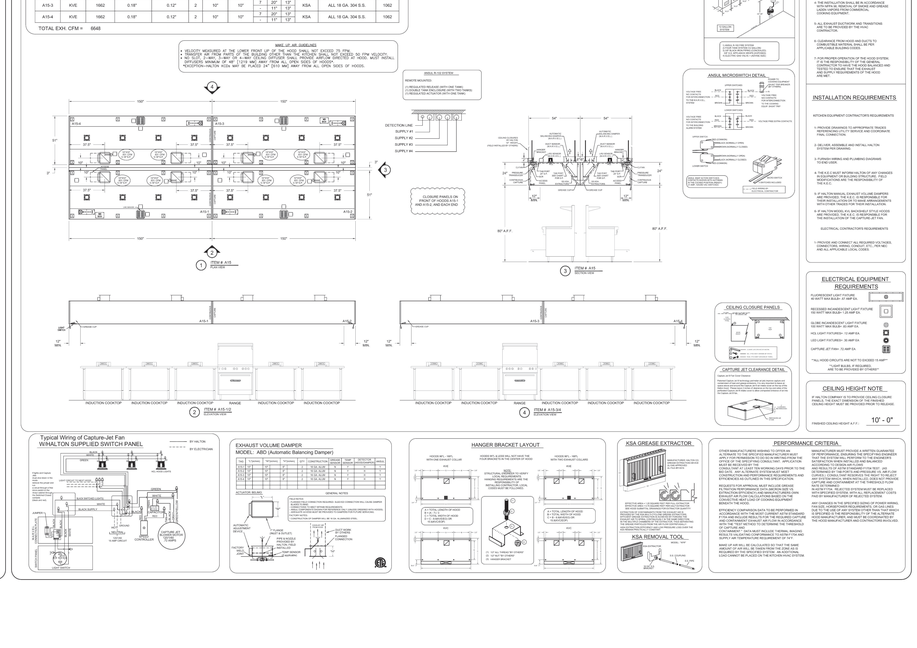
PROJECT NUMBER: 2333403.01

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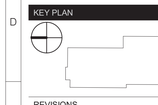
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ROCKLAND BOCES P-TECH C-TEC BUILDING

SED #: 50-90-00-00-0-044-001

65 PARROT RD,
WEST NYACK, NY 10994

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET ISSUANCE

DATE: 06/30/2025

SCALE:

SHEET NAME:
FOODSERVICE EXHAUST HOOD DETAIL DRAWINGS (HALTON)

SHEET NUMBER:

FS-700

BID SET

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CHECKED BY: Author
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HOOD INFORMATION TABLE

HOOD NUMBER	HOOD MODEL	EXHAUST AIR FLOW REQUIREMENTS: EXHAUST CFM	TOTAL HOOD STATIC PRESSURE	T.A.B. PORT STATIC PRESSURE	EXHAUST COLLAR: QTY.	LENGTH	WIDTH	GREASE EXTRACTOR: QTY.	SIZE: L	SIZE: H	TYPE	HOOD CONSTRUCTION	HOOD WEIGHT (LBS)
A20	KVE	931	0.12"		1	10"	10"	4	20"	12"	KSA	ALL 18 GA. 304 S.S.	595
TOTAL EXH. CFM =		931						1	17"	12"			

MAKE-UP AIR GUIDELINES

- DUCTWORK MOUNTED 40" THE LOWER FROM CLF (TO THE HOOD SHALL NOT EXCEED 75 FPM.
- TRANSFER AIR FROM PARTS OF THE BUILDING OTHER THAN THE KITCHEN SHALL NOT EXCEED 75 FPM VELOCITY.
- MAKE-UP AIR SHALL BE SUPPLIED BY A DUCTWORK SYSTEM THAT IS SEPARATE FROM THE HVAC SYSTEM. MAKE-UP AIR SHALL NOT INSTALL DIFFUSERS MINIMUM OF 40" FROM ANY FACE OF HOOD.
- *EXCEPTION=HALTON KSA MAY BE PLACED 24" (610 MM) AWAY FROM ALL OPEN SIDES OF HOODS.

KITCHEN 1

ANSUL R-102 SYSTEM

REMOTE MOUNTED:
(1) REGULATED RELEASE (WITH ONE TANK)

DETECTION LINE

SUPPLY #1

ANSUL R-102 SYSTEM

1-ANSUL R-102 FIRE SYSTEM
3-3/4" ALUM MOUNTING CONDUCTIVE
1-ANSUL MANUAL PULL STATION
4-ELECTRO MECH 10LB. CARBON DIOXIDE

ITEM # A20
PLAN VIEW

CLOSURE PANELS ON ALL 4 SIDES

ITEM # A20
SECTION VIEW

ANSUL MICROSWITCH DETAIL

INDUCTION COOKTOP

ITEM # A20
INDUCTION VIEW

CAPTURE JET CLEARANCE DETAIL

Capture Jet Fire Cover Clearance

Capture Jet fire cover clearance to side fixtures shall not be less than 6" (152 mm) and to rear fixtures shall not be less than 12" (305 mm). Please see number 4 clearance from the end of the hood. Capture Jet fire cover clearance to ceiling shall not be less than 10" (254 mm).

CEILING CLOSURE PANELS

GENERAL SPECIFICATIONS

1. HOOD CONSTRUCTION AND DESIGN MEETS NFPA 96, IMC SECTION 507 AND UL 710 STANDARD.
2. HOOD IS NSF 4/ANSI/CAN 4, LISTED UNDER THE FOLLOWING ETL NUMBER: ETL-6012322/6012-001
3. ALL INSTALLATION WORK IS TO BE PERFORMED BY A QUALIFIED, EXPERIENCED CONTRACTOR WITH STATE AND LOCAL BUILDING REQUIREMENTS.
4. THE INSTALLATION SHALL BE IN ACCORDANCE WITH ASTM STANDARD F1668 AND ARCAM LAYOUT FROM CUMMINS/HALTON EQUIPMENT.
5. ALL EXHAUST DUCTWORK AND TRANSITIONS SHALL BE FABRICATED BY OTHERS.
6. CLEARANCE FROM HOOD AND DUCTS TO COMBUSTIBLE MATERIAL SHALL BE PER MANUFACTURER'S INSTRUCTIONS AND IMC.
7. FOR PROPER OPERATION OF THE HOOD SYSTEM, IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO ADJUST THE HOOD BALANCED AND MAKE-UP AIR SYSTEM TO MEET THE DESIGN AND SUPPLY REQUIREMENTS OF THE HOOD AND IMC.

INSTALLATION REQUIREMENTS

KITCHEN EQUIPMENT CONTRACTOR'S REQUIREMENTS

1. PROVIDE DRAWINGS TO APPROPRIATE TRADES INDICATING UTILITY SERVICE AND COORDINATE FINAL CONNECTION.
2. DO LOCAL WORK AND INSTALL HALTON SYSTEM PER DRAWING.
3. FURNISH MINOR HOOD AND FLASHING DIAGRAMS TO END USER.
4. THE E.C.M.O.T. MAY INFORM HALTON OF ANY CHANGES IN EQUIPMENT OR BUILDING STRUCTURE. FIELD MODIFICATIONS ARE THE RESPONSIBILITY OF THE E.C.
5. IF HALTON REMOVAL EXHAUST VOLUME DAMPERS ARE INSTALLED, THE E.C. SHALL COORDINATE THEIR INSTALLATION TO AVOID INTERFERENCES WITH OTHER TRADES FOR THEIR INSTALLATION.
6. IF HALTON DUCTWORK IS SUPPLIED, THE E.C. SHALL COORDINATE ALL SYSTEM INTERFACES FOR THE INSTALLATION OF THE CAPTURE JET FAN.

ELECTRICAL CONTRACTOR'S REQUIREMENTS

1. PROVIDE AND CONNECT ALL REQUIRED UNI-TAGES, CONNECTORS, WIRING, CONDUIT, ETC., AND AND ALL APPLICABLE CODES (NEMA).

ELECTRICAL EQUIPMENT REQUIREMENTS

ELUMINEX ELX-SP-24FT-S
24 WATT RGB+W 24FT LED STRIP

RECESSED INCANDESCENT LIGHT FIXTURE
DO NOT MAX BULB = 25 AMP EA.

GLOBE INCANDESCENT LIGHT FIXTURE
DO NOT MAX BULB = 25 AMP EA.

VCL LIGHT FIXTURES - 10 AMP EA.

LED LIGHT FIXTURES - 20 AMP EA.

CAPTURE JET FAN - 15 AMP EA.

ALL HOOD CIRCUITS ARE NOT TO EXCEED 15 AMP.
15 AMP BLUE, IF REQUIRED,
ARE TO BE PROVIDED BY OTHERS

CEILING HEIGHT NOTE

IF ON THE CENTER OF TO PROVIDE A RECESS CLOSURE PANELS, THE EXACT DIMENSION OF THE FINISHED CEILING HEIGHT MUST BE PROVIDED FROM TO FLOOR.

FINISHED CEILING HEIGHT A.F.F.: **10' - 0"**

PERFORMANCE CRITERIA

OTHER MANUFACTURERS WISHING TO OFFER AN EQUIVALENT SYSTEM MUST PROVIDE A WRITTEN GUARANTEE THAT THEIR SYSTEM WILL CAPTURE AND CONTAIN 100% OF GREASE AND EFFLUENT GENERATED UNDER THE HOOD FOR THE SPECIFIED DESIGN CONDITIONS. APPLICATION ENGINEERING MUST BE SUBMITTED FOR REVIEW AT THE TIME OF BIDDING. ANY CHANGES TO EQUIPMENT, AIR FLOW OR DUCTWORK AFTER THE ORDER IS PLACED MUST BE APPROVED IN WRITING BY THE ENGINEER OF RECORD. ANY AND ALL COSTS INCURRED AS A RESULT OF THESE CHANGES SHALL BE THE RESPONSIBILITY OF THE SUPPLIER.

REQUESTS FOR APPROVAL MUST INCLUDE GREASE EXTRACTOR EFFICIENCY AND AIRFLOW RATES. THE GREASE EXTRACTION EFFICIENCY AND MAKE-UP/EXHAUST AIR FLOW CALCULATIONS BASED ON THE SPECIFIC HOOD DESIGN MUST BE SUBMITTED WITH BIDDING TO THE ENGINEER.

THE MANUFACTURER'S EQUIPMENT TO BE FURNISHED IN ACCORDANCE WITH THE MOST CURRENT ASTM STANDARD F1668 AND NFPA 96. THE MANUFACTURER SHALL PROVIDE AND CONTINUOUSLY SUPPLY AIR FLOW IN ACCORDANCE WITH THE ASTM STANDARD TO DETERMINE THE TRANSFER AIR REQUIRED.

THE MANUFACTURER SHALL ALSO BE RESPONSIBLE FOR THE PROPER OPERATION OF THE EQUIPMENT IN ACCORDANCE WITH ASTM STANDARD F1668 AND NFPA 96. THE MANUFACTURER SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGE TO THE BUILDING FROM THE STAGE AT WHICH THE EQUIPMENT IS DELIVERED TO THE SITE AND IS REQUIRED BY THE SPECIFICATIONS. ALL ADDITIONAL COSTS INCURRED BY THE CONTRACTOR DUE TO THE

KSA EXTRACTOR

KSA REMOVAL TOOL

HANGER BRACKET LAYOUT

EXHAUST VOLUME DAMPER
MODEL: ABD (Automatic Balancing Damper)

Typical Wiring of Capture-Jet Fan
WHALTON SUPPLIED SWITCH PANEL

BY HALTON
BY ELECTRICIAN

DROP CEILING

VERTICAL THROW

HORIZONTAL THROW

PROJECT: ROCKLAND BOCES
LOCATION:
SUBMITTED BY: HALTON
DATE: 07-15-24
APPROVED BY: JOB NO.
NOTES

INLET DIA.	CFM	NECK VEL.	Pstat	Hood Pstat	No. OF VANES	HORIZ. THROW, ft. (T50/T100)	VERT. THROW, ft. (T50/T100)
8"	565	1432	0.28"	0.12"	35	'---'/'---'	5.0 / 10.1
10"	750	1375	0.25"	0.13"	45	'---'/'---'	5.8 / 12.5
12"	1000	1415	0.26"	0.13"	45	'---'/'---'	7.0 / 13.9
12"	1000	1703	0.38"	0.20"	55	1.1 / 2.2	7.0 / 13.9
12"	1250	1892	0.38"	0.19"	55	1.1 / 2.2	7.0 / 13.9
12"	1500	1910	0.38"	0.13"	55	1.5 / 2.5	7.0 / 13.9

INLET DIA	CFM	COLLAR	ZONE
12"	1000	12	780

KITCHEN 1

Halton

KCD APPLICATION & DESCRIPTION

KCD 24" X 48"

The KCD is a 24" by 48" nominal dimensioned ceiling diffuser to replace 24" by 24" four-way diffusers used in the commercial kitchen environment.

The KCD is also utilized in the Self Balancing Kitchen concept when paired with Variable Air Volume (VAV) devices. Weight is 32 lbs.

TAB PORT

INLET

INLET

23.8"

47.9"

PANEL SIZE: 24"X 48"

CFM	NECK VEL.	Pstat	Hood Pstat	No. OF VANES	HORIZ. THROW, ft. (T50/T100)	VERT. THROW, ft. (T50/T100)
565	1432	0.28"	0.12"	35	'---'/'---'	5.0 / 10.1
750	1375	0.25"	0.13"	45	'---'/'---'	5.8 / 12.5
1000	1415	0.26"	0.13"	45	'---'/'---'	7.0 / 13.9
1000	1703	0.38"	0.20"	55	1.1 / 2.2	7.0 / 13.9
1250	1892	0.38"	0.19"	55	1.1 / 2.2	7.0 / 13.9
1500	1910	0.38"	0.13"	55	1.5 / 2.5	7.0 / 13.9

KCD DIFFUSER SUPPORT DETAIL

The KCD is a 24" by 24" or 24" by 48" ceiling diffuser which will drop into ceiling grid systems. The KCD will should be supported from the building structure to at four corners of the KCD and fastened to the ceiling grid. A minimum of 12 gauge hanger wire should be used.

HANGER WIRE TYPICAL OF FOUR CORNERS OF KCD (BY OTHERS)

Weight of 24" X 24" KCD is 20 lbs
Weight of 24" X 48" KCD is 32 lbs

ELECTRICAL & DATA CABLE CONNECTION SCHEDULE

CONNECTION #	CONNECTION DESCRIPTION	FROM	TO
E1-M	120V, 15AMP - CONTROL PANEL POWER - 3 WIRES	BUILDING SOURCE	TOUCH SCREEN
E2-M	CAT6 CABLE - NETWORK CABLE	TOUCH SCREEN	HOOD #A01
E3-M	120V, 15AMP - M.A.R.V.E.L. CONTROLLER POWER - 3 WIRES	BUILDING SOURCE	HOOD #A01
E4-M	CAT 6 - HOOD TO HOOD CONNECTION FOR SENSORS	HOOD #A01	HOOD #A10-1
E5-M	FIRE MODE SIGNAL - TO FIRE SUPPRESSION PANEL - 2 WIRES	HOOD #A01	FIRE SYSTEM
E6-M	0-10V & START/STOP MUA SIGNAL TO BMS - 4 WIRES	HOOD #A01	BMS
E7-M	2 WIRE STP CABLE - PLENUM RATED FT6 - 12 ST #FS	HOOD #A01	VFD
E8-M	HIGH VOLTAGE WIRING FROM BUILDING SOURCE TO VFD	BUILDING SOURCE	VFD
E9-M	HIGH VOLTAGE WIRING FROM VFD TO FAN MOTOR	VFD	MOTOR
E10-M	CAT6 CABLE - NETWORK CABLE - TEMPERATURE SENSOR	TEMP SENSOR	HOOD #A01
E11-M	CAT6 CABLE - NETWORK CABLE	HOOD #A01	HOOD #A10-T
E12-M	120V, 15AMP - M.A.R.V.E.L. CONTROLLER POWER - 3 WIRES	BUILDING SOURCE	HOOD #A10-1
E13-M	CAT 6 - HOOD TO HOOD CONNECTION FOR SENSORS	HOOD #A10-1	HOOD #A10-2
E14-M	CAT6 CABLE - NETWORK CABLE	HOOD #A10-1	HOOD #A10-3
E15-M	120V, 15AMP - M.A.R.V.E.L. CONTROLLER POWER - 3 WIRES	BUILDING SOURCE	HOOD #10-3
E16-M	CAT 6 - HOOD TO HOOD CONNECTION FOR SENSORS	HOOD #10-3	HOOD #A10-4
E17-M	CAT6 CABLE - NETWORK CABLE	HOOD #A10-3	HOOD #A10-2
E18-M	120V, 15AMP - M.A.R.V.E.L. CONTROLLER POWER - 3 WIRES	BUILDING SOURCE	HOOD #A10-4
E19-M	CAT 6 - HOOD TO HOOD CONNECTION FOR SENSORS	HOOD #A10-4	HOOD #A05
E20-M	CAT6 CABLE - NETWORK CABLE	HOOD #A10-4	HOOD #A10-5
E21-M	120V, 15AMP - M.A.R.V.E.L. CONTROLLER POWER - 3 WIRES	BUILDING SOURCE	HOOD #A10-5
E22-M	CAT 6 - HOOD TO HOOD CONNECTION FOR SENSORS	HOOD #A10-5	HOOD #A10-6
E23-M	CAT6 CABLE - NETWORK CABLE	HOOD #A10-5	HOOD #A10-1
E24-M	120V, 15AMP - M.A.R.V.E.L. CONTROLLER POWER - 3 WIRES	BUILDING SOURCE	HOOD #A10-1
E25-M	CAT 6 - HOOD TO HOOD CONNECTION FOR SENSORS	HOOD #A10-1	HOOD #A10-2
E26-M	CAT6 CABLE - PROVIDED BY OTHERS	HOOD #A10-1	HOOD #E02-1
E27-H	120V, 15 AMP, - HOOD LIGHT POWER - 2 WIRES	BUILDING SOURCE	HOOD #A10-1
E28-H	YIELD CONNECTION FOR HOOD LIGHTS	HOOD #A10-1	HOOD #A10-2
E29-H	120V, 15 AMP, - HOOD LIGHT POWER - 2 WIRES	BUILDING SOURCE	HOOD #A10-2
E30-H	FIELD CONNECTION FOR HOOD LIGHTS	HOOD #A10-2	HOOD #A10-3
E31-H	FIELD CONNECTION FOR HOOD LIGHTS	HOOD #A10-4	HOOD #A10-1
E32-H	FIELD CONNECTION FOR HOOD LIGHTS	HOOD #A10-1	HOOD #A10-2
E33-H	120V, 15 AMP, - HOOD LIGHT POWER - 3 WIRES	BUILDING SOURCE	HOOD #A10-3
E34-H	FIELD CONNECTION FOR HOOD LIGHTS	HOOD #A10-3	HOOD #A10-4
E35-H	FIELD CONNECTION FOR HOOD LIGHTS	HOOD #A10-4	HOOD #A10-1
E36-H	FIELD CONNECTION FOR HOOD LIGHTS	HOOD #A10-1	HOOD #A10-2
E37-H	120V, 15 AMP, - HOOD LIGHT POWER - 2 WIRES	BUILDING SOURCE	HOOD #A05
E38-H	120V, 15 AMP, - HOOD LIGHT POWER - 2 WIRES	BUILDING SOURCE	HOOD #A01

KCD
24" X 24"
1400 CFM

KITCHEN 1

MAIL APPROVED DRAWINGS TO JOHNSONITE FACTORY BELOW

HALTON CO. (USA)
501 MERCER PLACE
MIDDLEBURG, PA 17842
570-837-0007

HALTON CO. (CANADA)
2445 SKYMARK AVE
MISSISSAUGA, ON L4W 4Y6
905-624-8091

REV'S	NO.	DESCRIPTION	BY	DATE

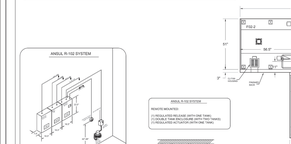
KITCHEN 2

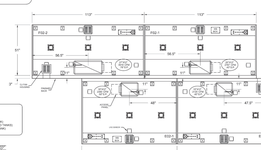
HOOD INFORMATION TABLE

HOOD NUMBER	HOOD MODEL	EXHAUST AIR FLOW REQUIREMENTS			GREASE EXTRACTOR				HOOD CONSTRUCTION	HOOD WEIGHT (LBS)
		EXHAUST CFM	TOTAL HOOD STATIC PRESSURE	T.A.B. PORT STATIC PRESSURE	EXHAUST COLLAR QTY.	LENGTH	WIDTH	SIZE L	SIZE H	TYPE		
EO2-1	KVE	2360	0.50"	0.38"	1	16"	12"	4	20"	16"	KSA	ALL 18 GA. 304 S.S.	725
EO2-2	KVE	2120	0.40"	0.30"	1	15"	12"	4	20"	16"	KSA	ALL 18 GA. 304 S.S.	712
FO2-1	KVE	2180	0.43"	0.32"	1	20"	12"	5	11"	16"	KSA	ALL 18 GA. 304 S.S.	754
FO2-2	KVE	3919	0.79"	0.66"	1	27"	12"	5	11"	16"	KSA	ALL 18 GA. 304 S.S.	754
TOTAL EXH. CFM =		11196											

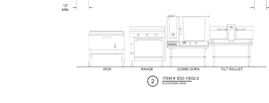
MAKE UP AIR GUIDELINES

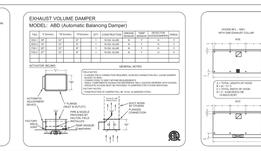
- DELIVERY MEASURED AT THE LOWER FRONT OF THE HOOD, NOT EXCEED 75 DEG.
- REDUCE OR OMIT MAKE UP AIR BLOWING DIRECTLY INTO EXHAUST BOX LOCATED TO ATM. RELOCH.
- MAKE UP AIR SHALL NOT BE DIRECTED AT OR NEAR ANY EQUIPMENT PROTECTED BY HOOD. MUST INSTALL DIFFUSERS MINIMUM 20" AWT (1.5 FT/S AND 300 CFM/LF).
- *EXCEPTION: HALTON KCDs MAY BE PLACED 24" [610 MM] AWAY FROM ALL OPEN SIDES OF HOODS.



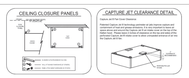












CAPTURE JET CLEARANCE DETAIL

HOOD INFORMATION TABLE

HOOD NUMBER	HOOD MODEL	EXHAUST AIR FLOW REQUIREMENTS: EXHAUST CFM	TOTAL HOOD STATIC PRESSURE	T.A.B. PORT STATIC PRESSURE	GREASE EXTRACTOR: QTY.	EXHAUST COLLAR: LENGTH	WIDTH	SIZE: L	SIZE: H	TYPE	HOOD CONSTRUCTION	HOOD WEIGHT (LBS)
B10	KVE	2138	0.15"	0.05"	1	15"	12"	14	20"	12"	KSA	ALL 18 GA. 304 S.S.	1380
								1	17"	12"			
TOTAL EXH. CFM =		2138											

WIND UP AIR GUIDELINES

- VELOCITY MEASURED AT THE LOWER FRONT LIP OF THE HOOD SHALL NOT EXCEED 75 FPM.
- MINIMUM VELOCITY OF 50 FPM AT THE CLOSING SURFACE SHALL PROVIDE A MINIMUM VELOCITY OF 50 FPM VELOCITY.
- NO SLOT, 2-WAY, 3-WAY OR 4-WAY CEILING DIFFUSION SHALL PROVIDE AIR WITHIN 10' OF HOOD. MOST INSTALL OPTIONS: MINIMUM 10' 48" [1219 MM] AWAY FROM ALL OPEN SIDES OF HOOD.
- *EXCEPTION—HALTON KSA MAY BE PLACED 24" [610 MM] AWAY FROM ALL OPEN SIDES OF HOODS.

ANSUL R-102 SYSTEM

REMOTE MOUNTED:
(1) ELEC. REGULATED RELEASE (WITH ONE TANK)
(1) SINGLE TANK ENCLOSURE (WITH ONE TANK)

DETECTION LINE
SUPPLY #1
SUPPLY #2

1-ANSUL R-102 FIRE SYSTEM
(1) 6K BLUE WATER PIPING (CHECKLESS)
(1) 6K BLUE WATER PIPING (CHECKED)
4-ELEC FIRE VALVE (1" ADAPTER NEED)

ITEM # B10
FLOOR VIEW

KITCHEN 3

ITEM # B10
ELEVATION VIEW

ELECTRIC GAS VALVE WIRING DETAIL

ANSUL MICROSWITCH DETAIL

CAPTURE JET CLEARANCE DETAIL

CEILING CLOSURE PANELS

CLOSURE PANELS ON FRONT AND SIDES

EXHAUST HOOD MUST BE INSTALLED SO THAT THE COOKING SURFACE IS CENTERED UNDER THE EXHAUST HOOD ABOVE.

ITEM # B10
ELEVATION VIEW

GENERAL SPECIFICATIONS

1. HOOD CONSTRUCTION AND DESIGN MEETS NFPA 96, MC SECTION 507 AND UL 710 STANDARD.
2. HOOD IS NSF AND ETL LISTED UNDER THE FOLLOWING PLUMBING ETL-SYSTEM EQUIPMENT 001.
3. ALL INSTALLATION WORK IS TO BE PERFORMED IN ACCORDANCE WITH THE MOST CURRENT EDITION OF NFPA 96 AND LOCAL BUILDING CODES AS ENFORCED BY THE AHJ.
4. THE INSTALLATION SHALL BE IN ACCORDANCE WITH NFPA 96, REMOVAL OF SMOKE AND GREASE LADEN VAPORS FROM COMMERCIAL COOKING EQUIPMENT.
5. ALL EXHAUST DUCTWORK AND TRANSITIONS SHALL BE BY THE MECHANICAL CONTRACTOR.
6. CLEARANCE FROM HOOD AND DUCTS TO COMBUSTIBLE MATERIAL SHALL BE PER APPLICABLE BUILDING CODES.
7. FOR PROPER OPERATION OF THE HOOD SYSTEM, IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO HAVE THE HOOD BALANCED AND MAKE UP AIR SYSTEM INSTALLED TO THE DESIGN AND SUPPLY REQUIREMENTS OF THE HOOD AND AHJ.

INSTALLATION REQUIREMENTS

KITCHEN EQUIPMENT CONTRACTOR'S REQUIREMENTS

1. PROVIDE DRAWINGS TO APPROPRIATE TRADES INDICATING UTILITY SERVICE AND COORDINATE FINAL CONNECTION.
2. DELIVER, ASSEMBLE AND INSTALL HALTON SYSTEM PER DRAWING.
3. FURNISH WIRING AND PLUMBING DIAGRAMS TO END USER.
4. THE E.C.S.M.O.T. INFORM HALTON OF ANY CHANGES IN EQUIPMENT OR BUILDING STRUCTURE. FAILS TO NOTIFY HALTON WILL BE THE RESPONSIBILITY OF THE E.C.
5. IF HALTON MODULAR EXHAUST VOLUME DAMPERS ARE PROVIDED, THE E.C. IS RESPONSIBLE FOR THE INSTALLATION OF THE DAMPER ACTUATORS.
6. IF HALTON MODULAR STYLE ACCESS DOOR(S) ARE PROVIDED, THE E.C. IS RESPONSIBLE FOR THE INSTALLATION OF THE CAPTURE JET TYAs.

ELECTRICAL CONTRACTOR'S REQUIREMENTS

1. PROVIDE AND CONNECT ALL REQUIRED CKTS/EQS, CONNECTORS, WIRING, CONDUIT, ETC., PER NEC AND ALL APPLICABLE LOCAL CODES.

ELECTRICAL EQUIPMENT REQUIREMENTS

FLUORESCENT LIGHT FIXTURE W/ MATT BASE BULB - 32 AMP EA.

RECESSED INCANDESCENT LIGHT FIXTURE W/ MATT BASE BULB - 1.5 AMP EA.

GLOBE INCANDESCENT LIGHT FIXTURE W/ MATT BASE BULB - 0.5 AMP EA.

HCL LIGHT FIXTURE(S) - 12 AMP EA.

LED LIGHT FIXTURE(S) - 20 AMP EA.

CAPTURE JET Fr/rm - 72 AMP EA.

ALL HOOD CIRCUITS ARE NOT TO EXCEED 15 AMP.

10 KW* BLADE, IF REQUIRED, ARE TO BE PROVIDED BY OTHERS*

CEILING HEIGHT NOTE

IF ROLL THIN CEILING IS TO PROVIDE CEILING CLOSURE PANELS, THE EXACT DIMENSION OF THE FINISHED CEILING HEIGHT MUST BE PROVIDED PRIOR TO RELEASE.

FINISHED CEILING HEIGHT A.F.F. : **10' - 0"**

Typical Wiring of Capture-Jet Fan
WHALTON SUPPLIED SWITCH PANEL

BY WHALTON / BY ELECTRICIAN

EXHAUST VOLUME DAMPER
MODEL: ABD (Automatic Balancing Damper)

Tag	Y-inches	W-inches	Symmetric	QTY	CONSTRUCTION	DAMPER TYPE	DAMPER BLADE	DETECTOR
B10 - 1	12	14	2	1	16 GA. MILD STEEL	16 GA. MILD STEEL	16 GA. MILD STEEL	N
B10 - 2	12	17	2	1	16 GA. MILD STEEL	16 GA. MILD STEEL	16 GA. MILD STEEL	N

ACTUATOR (BELOW)

GENERAL NOTES

HANGER BRACKET LAYOUT

KSA GREASE EXTRACTOR

KSA REMOVAL TOOL

PERFORMANCE CRITERIA

OTHER MANUFACTURERS WISHING TO OFFER AN ALTERNATE TO THE SPECIFIED EQUIPMENT MUST PROVIDE A WRITTEN GUARANTEE TO APPLY FOR PERMISSION TO DO SO IN WRITING FROM THE ARCHITECT/ENGINEER NO LESS THAN TEN (10) DAYS PRIOR TO THE BID DATE. ANY ALTERNATE SYSTEMS MUST MEET OR EXCEED ALL CRITERIA OF THE SPECIFIED SYSTEM AND BE APPROVED AS OUTLINED IN THIS SPECIFICATION.

REQUESTS FOR APPROVAL MUST INCLUDE GREASE EXTRACTION EFFICIENCY AND MANUFACTURERS DATA STANDARD AIR FLOW CALCULATIONS BASED ON THE SPECIFIED EXHAUST AIR FLOW RATE AND STATIC PRESSURE AT THE HOOD.

REQUESTS FOR APPROVAL MUST INCLUDE THE FOLLOWING: A COMPLETE SET OF MANUFACTURER'S DRAWINGS IN ACCORDANCE WITH THE MOST CURRENT ASTM STANDARD E2336 AND E2229 FOR GREASE EXTRACTION EFFICIENCY AND CONTAINMENT. EXHAUST AIR FLOW IN ACCORDANCE WITH ASTM E2336 AND E2229 AND THE CALCULATIONS BASED ON THE SPECIFIED AIR FLOW RATE AND STATIC PRESSURE AT THE HOOD.

ANY CHANGES IN THE SPECIFIED SIZING OF POWER WIRING, FAN SIZE, HORSEPOWER REQUIREMENTS, OR VOLUMES REQUIRED BY THE ALTERNATE SYSTEM SHALL BE BORNE BY THE SUPPLIER OF THE ALTERNATE SYSTEM. IT IS THE RESPONSIBILITY OF THE ALTERNATE SUPPLIER TO BE FAMILIAR WITH THE REQUIREMENTS OF THE WORK AND COORDINATE WITH ALL WORK INVOLVED.

BIDDING ALTERNATES MUST INCLUDE THERMAL IMAGING RESULTS ON SMOKE/CONTAINMENT/CAPTURE PERFORMANCE AT THE SPECIFIED AIRFLOW RATES.

MAKE-UP AIR WILL BE CALCULATED SO THAT THE SAME AMOUNT OF AIR WILL BE TAKEN FROM THE ZONE AS IS REQUIRED BY THE SPECIFIED HOOD. AN ADDITIONAL LOAD CANNOT BE PLACED ON THE KITCHEN HVAC SYSTEM.

HALTON CO. (USA)
6 HOUSTON WAY, ASTORIA
SCOTTSVILLE, NY 14546
585-289-6000

HALTON CO. (CANADA)
7555 MAIN ST. N., UNIT 2
MILTON, ON L9T 5P3
905-693-0111

MAIL APPROVED DRAWINGS TO APPROPRIATE FACTORY BELOW

REV.	WORK DONE AND AMENDED	BY	DATE

PROJECT: ROCKLAND BOCES KITCHEN 3
LOCATION:
DRAWN BY: JC
DATE: 07.15.24
SCALE: NOT TO SCALE
CONSULTANT: ELITE STUDIO E

DRAWING TITLE: HOOD DETAILS

DRAWING NO: U24-536-3.0

REV. NO.: 1 SHEET NO.: 1 of 8 / 2 of 8 / 3 of 8 / 4 of 8

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
215 W 40th St - 15th flr
New York, NY 10018
646.435.0660 office
www.ksq.design

Owner

ROCKLAND BOCES
65 Parrott Rd.
West Nyack, NY, 10994
845-627-4700 office
www.rocklandboces.org

Civil & MEP Engineer

FELLENZER ENGINEERING LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845-343-1481 office
www.fellp.com

Structural Engineer

GACE CONSULTING ENGINEERS
148 Madison Avenue, Fourth Floor
New York, NY 10016
212-545-7878 office
www.structuralengineerwebsite.com

Food Service Consultant:

ELITE | STUDIO E
1865 New Hwy #1
Farmingdale, NY, 11735
631-420-9400 office
www.elitestudioe.com

Construction Manager:

ARRIS CONTRACTING COMPANY, Inc.
189 Smith Street
Poughkeepsie, NY 12601
845-473-3600 office
www.arriscontracting.com

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ROCKLAND BOCES
P-TECH C-TEC BUILDING
SED #: 50-90-00-00-0-044-001

65 PARROT RD,
WEST NYACK, NY 10994

KEY PLAN

REVISIONS

No.	Description	Date

ISSUED: BID SET ISSUANCE

DATE: 06/30/2025

SCALE:

SHEET NAME:
FOODSERVICE EXHAUST HOOD DETAIL DRAWINGS (HALTON)

SHEET NUMBER:
FS-703

BID SET

DRAWN BY: JC
CHECKED BY: JC/Author
Autodesk Docs://1001 - Rockland BOCES - West Nyack NY - 2023/1004_Rockland BOCES.rvt

6/12/2025 11:50:22 AM

PROJECT NUMBER: 2333403.01

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KITCHEN 3

HOOD INFORMATION TABLE

HOOD NUMBER	HOOD MODEL	EXHAUST AIR FLOW REQUIREMENTS: EXHAUST CFM	TOTAL HOOD STATIC PRESSURE	T.A.B. PORT STATIC PRESSURE	EXHAUST COLLAR: QTY.	LENGTH	WIDTH	GREASE EXTRACTOR: QTY.	SIZE: L	SIZE: H	TYPE	HOOD CONSTRUCTION	HOOD WEIGHT (LBS)
C02-1	KVE	1883	0.35"	0.23"	1	13"	12"	1	20"	13"	KSA	ALL 18 GA. 304 S.S.	840
C02-2	KVE	1438	0.25"	0.14"	1	13"	10"	1	20"	13"	KSA	ALL 18 GA. 304 S.S.	840
								1	13"	13"			

TOTAL EXH. CFM = 3321

MAKE-UP AIR GUIDELINES
- VELOCITY, MEASURED AT THE LOWER FRONT LIP OF THE HOOD SHALL NOT EXCEED 75 FPM.
- TEMPERATURE AIR FROM PARTS OF THE BUILDING OTHER THAN THE KITCHEN SHALL NOT EXCEED 10 F(W VELOCITY, OPTIMUM) OR 5F (1219 MAC AMP) FROM ALL OPEN SIDES OF HOOD.
- MAKE-UP AIR SHALL BE DIRECTED DOWNWARD AND SHALL NOT INSTALL DIFFUSERS MINIMUM OF 48" (1219 MAC AMP) FROM ALL OPEN SIDES OF HOOD.
- LOCATION HALTON AIRS MAY BE PLACED 24" (610 MM) AWAY FROM ALL OPEN SIDES OF HOOD.

ANSUL R-102 SYSTEM
REMOTE MOUNTED
(1) REGULATED RELEASE (WITH ONE TIMER)
(1) SINGLE TANK ENCLOSURE (WITH ONE TANK)

ANSUL R-102 SYSTEM
- DETECTION LINE
- SUPPLY #1
- SUPPLY #2
- 3 SINGLE, R-102 FIRE SYSTEM (1 TANK FIRE SYSTEM IS INCLUDING: (1) REGULATED RELEASE (WITH ONE TIMER) (1) SINGLE TANK ENCLOSURE (WITH ONE TANK)

ANSUL MICROSWITCH DETAIL
- UPPER SWITCH(ES)
- LOWER SWITCH(ES)
- YELLOW WIRE
- BLACK WIRE
- YELLOW FREE-WIRING CONTACTS
- RED WIRE
- FIELD WIRING TO CUSTOMER'S FUEL SHUT-OFF VALVE
- FIELD WIRING TO CUSTOMER'S ALARM SYSTEM
- FIELD WIRING TO CUSTOMER'S ELECTRICAL SHUNT TRIP
- FIELD WIRING TO CUSTOMER'S MECHANICAL GAS VALVE

ITEM # C02 — 2 — ELEVATION VIEW

RANGE | GRIDDLE | GRIDDLE | DUMP | FRYER | FRYER | CONVECTION OVEN

ITEM # C02 — 3 — SECTION VIEW

CEILING CLOSURE PANELS
- 1" LIGHT BLUE, R-SEALING POLYSTEP

CAPTURE JET CLEARANCE DETAIL
Capture Jet Air Flow Clearance

GENERAL SPECIFICATIONS

1. HOOD CONSTRUCTION AND DESIGN MEETS NFPA 96, IMC SECTION 507 AND UL 710 STANDARD.
2. HOOD IS NSF AND ETL LISTED UNDER THE FOLLOWING NUMBER ETL-SYSTEM-EQUIPMENT-301
3. ALL INSTALLATION WORK IS TO BE PERFORMED IN ACCORDANCE WITH THE MOST CURRENT NFPA 96 NFPA 54/ NFPA 58/ LOCAL BUILDING CODES AND ORDINANCES.
4. THE INSTALLATION SHALL BE IN ACCORDANCE WITH ANSI/NFPA 96 (LATEST EDITION) AND OPEN/AIR LADEN VAPORS FROM COMMERCIAL COOKING EQUIPMENT.
5. ALL EXHAUST DUCTWORK AND TRANSITIONS SHALL BE WELDED BY THE FIRM CONTRACTOR.
6. CLEARANCE FROM HOOD AND DUCT TO COMBUSTIBLE MATERIAL SHALL BE PER MANUFACTURER'S INSTRUCTIONS.
7. FOR PROPER OPERATION OF THE HOOD SYSTEM, IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO HAVE THE HOOD BALANCED AND MAKE-UP AIR SYSTEM ADJUSTED TO THE DESIGN AND SUPPLY REQUIREMENTS OF THE HOOD AND AHJ.

INSTALLATION REQUIREMENTS

KITCHEN EQUIPMENT CONTRACTOR'S REQUIREMENTS

1. PROVIDE DRAWINGS TO APPROPRIATE TRADES INDICATING UTILITY SERVICE AND COORDINATE FINAL CONNECTION.
2. DELIVER, ASSEMBLE AND INSTALL HALTON SYSTEM PER DRAWING.
3. FURNISH WIRING AND PLUMBING DIAGRAMS TO END USER.
4. THE H.C.S.MUST INFORM HALTON OF ANY CHANGES IN EQUIPMENT OR BUILDING STRUCTURE. FAILS TO DO SO MAY BE THE RESPONSIBILITY OF THE H.C.S.
5. IF HALTON MANUAL EXHAUST VOLUME DAMPERS ARE SUPPLIED, IT IS THE H.C.S. RESPONSIBILITY TO INSTALL DUCTWORK TO THESE DAMPERS/UNITS WITH OTHER TRADES FOR THEIR INSTALLATION.
6. IF HALTON HOOD IS TO BE INSTALLED OVER GAS APPLIANCES, THE H.C.S. IS RESPONSIBLE FOR THE INSTALLATION OF THE CAPTURE JET TAIL.

ELECTRICAL CONTRACTOR'S REQUIREMENTS

1. PROVIDE AND CONNECT ALL REQUIRED LOCTIES, CONNECTORS, WIRING, CONDUIT, ETC., PER NEC (NFPA 70) AND LOCAL CODES.

ELECTRICAL EQUIPMENT REQUIREMENTS

- FLUORESCENT LIGHT FIXTURE (SEE NOTE BELOW)
- RECESSED INCANDESCENT LIGHT FIXTURE
- 50,000 INCANDESCENT LIGHT FIXTURE
- HOL LIGHT FIXTURE(S) - 12 AMP EA.
- LED LIGHT FIXTURE(S) - 20 AMP EA.
- CAPTURE JET Fitter- 15 AMP EA.

ALL HOOD CIRCUITS ARE NOT TO EXCEED 15 AMP

- HOOD BUILT IN EQUIPMENT
- ARE TO BE PROVIDED BY OTHERS*

CEILING HEIGHT NOTE

IF ON THE CURRENT OR FUTURE CEILING CLOSURE PANELS, THE EXACT DIMENSION OF THE FINISHED CEILING HEIGHT MUST BE PROVIDED PRIOR TO RELEASE.

FINISHED CEILING HEIGHT AT 0': **10' - 0"**

FAN CONFIGURATION DATA FOR M.A.R.V.E.L.

SENSORS:	
SP #1:	Voltage/Phase/Freq:
SP #2:	
Hard Wired (Rx connected to this fan):	
SP #3:	Voltage/Phase/Freq:
Hard Wired (Rx connected to this fan):	
SP #4:	Voltage/Phase/Freq:
Hard Wired (Rx connected to this fan):	
SP #5:	Voltage/Phase/Freq:
Hard Wired (Rx connected to this fan):	
SP #6:	Voltage/Phase/Freq:
Hard Wired (Rx connected to this fan):	
TEMPERATURE:	
Hard Wired (Rx connected to Zone):	
Hard Wired (Rx connected to Zone):	
SMOKE:	
Hard Wired (Rx installed):	
Hard Wired (Rx connected to this fan):	

NOTE: Above information must be completed in full prior to project being installed for acceptance. If more than four sensors/ Rx's or two BUS zones are being used, please provide this data as well.

VARIABLE FREQUENCY DRIVE (VFD)

6" MIN. CLEARANCE — 6" MIN. CLEARANCE — 36" A.F.F. MIN. RECOMMENDED

- VFD PHYSICAL DIMENSIONS TO BE DETERMINED BY MOTOR MANUFACTURER AND VOLTAGE.
- VFD MUST BE LOCATED WITHIN 100' OF FAN MOTOR.
- VFD MUST BE LOCATED IN A CLEAN, DRY ENVIRONMENT & OUTDOOR MINIMUM PROTECTED VFD.
- VFDS ARE SUPPLIED & PROGRAMMED BY HALTON, THEY ARE TO BE INSTALLED & WIRED BY APPLICABLE TRADE. OTHER TRADES NOTE.
- VFD CABINETS ARE NOT SUPPLIED BY HALTON.
- IT IS RECOMMENDED THAT THE VFD BE LOCATED WHERE THAT CABINET IS PROPERLY VENTILATED.

M.A.R.V.E.L. CONTROL PANEL

- 36" A.F.F. RECOMMENDED
- 10" CLEARANCE RECOMMENDED
- LOCAL CODE AND ADA RECOMMENDED MOUNTING POSITIONS/LOCATIONS
- THE H.C.S. IS RESPONSIBLE TO ACCOUNT BY INSTALLING
- ATTENTION: MOUNT PANEL IN THE BEST LOCATION FOR A CONVENIENT CONNECTION

MARVEL TOUCH SCREEN

M.A.R.V.E.L. SYSTEM

M.A.R.V.E.L. EQUIPMENT CONNECTED LOADS

M.A.R.V.E.L. CONTROL PANEL = 15 AMPS EA.

M.A.R.V.E.L. RLC-01 EACH HOOD SECTION= 4 AMPS EA. (MAXIMUM 3 M.A.R.V.E.L. HOOD PLUS PER 15A CIRCUIT)

ALL CIRCUITS ARE NOT TO EXCEED 15 AMP

NOTES:
- FIELD WIRING (BY H.C.) - 120V / 15AMG MIN. 15AWG MAX.
- FIELD WIRING (BY H.C.) - 24V / 22AWG MIN. 16AWG MAX.
- FIELD WIRING (BY H.C.) - 24V / CAT-5.

SPACE TEMPERATURE SENSOR

(FIG 1-1)

CAT5 COMMUNICATION CABLE (BY ELECTRICAL CONTRACTOR) BY ELECTRICAL CONTRACTOR

ROOM THERMOSTAT (BY OTHERS) — 48"/54" A.F.F. (If WITNU SPRING MFD)

SPACE T-STAT (BY HALTON)

RECOMMENDED

TEMPERATURE SENSOR TO BE MOUNTED AWAY FROM DIRECT SUNLIGHT, DRAFTS, AND HEAT SOURCES IN PROXIMITY TO THE ROOM THERMOSTAT. SENSOR TO BE LOCATED IN SAME ZONE* AS HOODS THEY SERVE. BY HALTON ELECTRICAL CONTRACTOR. *NOT TO BE LOCATED ON ANY OTHER UNHOODED APPLIANCES

ELECTRICAL & DATA CABLE CONNECTION SCHEDULE

CONNECTION #	CONNECTION DESCRIPTION	FROM	TO
E1/A4	CAT6 CABLE - PROVIDED BY OTHERS	HOOD #FSI-1	HOOD #C02-1
E1/A5	120V, 15AMP - CONTROL PANEL POWER - 3 WIRES	BUILDING SOURCE	TOUCH SCREEN
E2/A5	CAT6 CABLE - NETWORK CABLE	TOUCH SCREEN	HOOD #C02-1
E3/A5	120V, 15AMP - M.A.R.V.E.L. CONTROLLER POWER - 3 WIRES	BUILDING SOURCE	HOOD #C02-1
E4/A5	CAT 6 - HOOD TO HOOD CONNECTION FOR SENSORS	HOOD #C02-1	HOOD #C02-2
E5/A5	FIRE MODE SIGNAL - TO FIRE SUPPRESSION PANEL - 2 WIRES	HOOD #C02-1	FIRE SYSTEM
E6/A5	0-10V & START/STOP HEA SIGNAL TO BMS - 4 WIRES	HOOD #C02-1	BMS
E7/A5	7 WIRE STP CABLE - PLENUM RATED FTB - TO EF VFD	HOOD #C02-1	VFD
E8/A5	CAT 6 - CABLE - TO SPACE TEMPERATURE SENSOR	HOOD #B3-1	TEMP SENSOR
E9/A5	HIGH VOLTAGE WIRING FROM BUILDING SOURCE TO VFD	BUILDING SOURCE	VFD
E10/A6	HIGH VOLTAGE WIRING FROM VFD TO FAN MOTOR	VFD	EF MOTOR
E11/A6	CAT6 CABLE - NETWORK CABLE	HOOD #C02-1	HOOD #B2-1
E12/A6	120V, 15AMP - M.A.R.V.E.L. CONTROLLER POWER - 3 WIRES	BUILDING SOURCE	HOOD #B2-1
E13/A6	CAT6 CABLE - NETWORK CABLE	HOOD #B2-1	HOOD #B3-1
E14/A6	CAT 6 - HOOD TO HOOD CONNECTION FOR SENSORS	HOOD #B2-1	HOOD #B2-2
E15/A6	120V, 15AMP - M.A.R.V.E.L. CONTROLLER POWER - 3 WIRES	BUILDING SOURCE	HOOD #B3-1
E16/A6	CAT 6 - HOOD TO HOOD CONNECTION FOR SENSORS	HOOD #B3-1	HOOD #C17
E17/A6	CAT6 CABLE - NETWORK CABLE	HOOD #B3-1	HOOD #B3-2
E18/A6	120V, 15AMP - M.A.R.V.E.L. CONTROLLER POWER - 3 WIRES	BUILDING SOURCE	HOOD #B3-2
E19/A6	CAT6 CABLE - NETWORK CABLE	HOOD #B3-2	HOOD #B4-1
E20/A6	CAT 6 - HOOD TO HOOD CONNECTION FOR SENSORS	HOOD #B3-2	HOOD #B13
E21/A6	120V, 15AMP - M.A.R.V.E.L. CONTROLLER POWER - 3 WIRES	BUILDING SOURCE	HOOD #B4-1
E22/A6	CAT 6 - HOOD TO HOOD CONNECTION FOR SENSORS	HOOD #B4-1	HOOD #B4-2
E23/A7	120V, 15 AMP, - HOOD LIGHT POWER - 3 WIRES	BUILDING SOURCE	HOOD #C02-1
E24/A7	FIELD CONNECTION FOR HOOD LIGHTS	HOOD #C02-1	HOOD #C02-2
E25/A7	120V, 15 AMP, - HOOD LIGHT POWER - 3 WIRES	BUILDING SOURCE	HOOD #B2-1
E26/A7	FIELD CONNECTION FOR HOOD LIGHTS	HOOD #B2-1	HOOD #B2-2
E27/A7	120V, 15 AMP, - HOOD LIGHT POWER - 3 WIRES	BUILDING SOURCE	HOOD #B3-1
E28/A7	FIELD CONNECTION FOR HOOD LIGHTS	HOOD #B3-1	HOOD #B3-2
E29/A7	120V, 15 AMP, - HOOD LIGHT POWER - 3 WIRES	BUILDING SOURCE	HOOD #B4-1
E30/A7	FIELD CONNECTION FOR HOOD LIGHTS	HOOD #B4-1	HOOD #B4-2
E31/A8	120V, 15 AMP, - HOOD LIGHT POWER - 3 WIRES	BUILDING SOURCE	HOOD #B13
E32/A8	120V, 15 AMP, - HOOD LIGHT POWER - 3 WIRES	BUILDING SOURCE	HOOD #C17
E33/A8	CAT5 CABLE - FOR BMS(BACNET)	HOOD #B4-1	BMS

M.A.R.V.E.L. SCOPE OF WORK

RESPONSIBILITY TO BE SOLELY BY GENERAL CONTRACTOR

DEFINITIONS FOR REFERENCE:

M.A.R.V.E.L. SYSTEMS = 1 EXHAUST FAN SERVING 1 KITCHEN HOOD

M.A.R.V.E.L. 2 SYSTEMS = 1 EXHAUST FAN SERVING MULTIPLE KITCHEN HOODS

VFD = VARIABLE FREQUENCY DRIVES

CONNECTION LOCATIONS SHALL VARY PER SYSTEMS REFER TO HALTON M.A.R.V.E.L. DIAGRAMS FOR SPECIFICS

1. APPLICABLE CONTRACTOR TO SUPPLY AND BE FULLY RESPONSIBLE FOR THE INSTALLATION OF THE M.A.R.V.E.L. CONTROL PANEL, LOCATION TO BE DETERMINED BY GC AND SHALL BE WITHIN SAME SPACE AS THE EXHAUST FAN MOTOR. IF MULTIPLE M.A.R.V.E.L. HOOD SYSTEMS ONLY NOT HAVE ELECTRICIAN)
2. APPLICABLE CONTRACTOR TO SUPPLY AND INSTALL 1/4IN (7/8MP) CONDUIT FROM M.A.R.V.E.L. CONTROL PANEL TO EXHAUST FAN.
3. APPLICABLE CONTRACTOR TO SUPPLY AND INSTALL RLC-01 CONTROL CONNECTION AT M.A.R.V.E.L. CONTROL PANEL FOR M.A.R.V.E.L. 1, 2 OR 3 HOOD SYSTEMS. (IF 4 OR MORE HOODS PER M.A.R.V.E.L. SYSTEM THEN 1 IP ADDRESS)
4. APPLICABLE CONTRACTOR TO INSTALL SPACE TEMP SENSOR APPROXIMATELY 5'-0" A.F.F. (OR AS SPECIFIED BY ARCHITECT) ON WALL AND AT LEAST 3 FEET AWAY FROM ANY DOOR.
5. APPLICABLE CONTRACTOR TO INSTALL SUPPLY AND RUN RJ45 CAT5 CABLE FROM CONTROL PANEL TO VFD FOR CONTROL OF EXHAUST FAN. (IF M.A.R.V.E.L. PANEL IS NOT WITHIN HOOD M.A.R.V.E.L. 1)
6. APPLICABLE CONTRACTOR TO SUPPLY AND RUN 2 WIRE 24V DC CONTROL CABLE FROM CONTROL PANEL TO EACH HOOD SECTION CONTROL PANEL (M.A.R.V.E.L. 3) OR TO KITCHEN HOOD.
7. APPLICABLE CONTRACTOR TO SUPPLY AND RUN RJ45 CAT5 CABLE FROM CONTROL PANEL TO CONTROL PANEL AS SHOWN ON PLAN (M.A.R.V.E.L. 3 ONLY)
8. APPLICABLE CONTRACTOR TO SUPPLY AND RUN A WIRE MLB SIGNAL (0-10V & START/STOP) FROM M.A.R.V.E.L. CONTROL PANEL TO BUILDING MANAGEMENT SYSTEM (BMS) FOR MONITORING. (M.A.R.V.E.L. 3 ONLY)
9. APPLICABLE CONTRACTOR TO SUPPLY AND BUILT 1 WIRE OFF PLENUM TEMPERATURE SENSOR (SUPPLIED BY HALTON) FROM EACH HOOD BYPASS FROM M.A.R.V.E.L. CONTROL PANEL (M.A.R.V.E.L. 3) OR KITCHEN HOOD. (M.A.R.V.E.L. 1 & 2) TO BMS FOR MONITORING AND SUBMITTAL SUPPLIED BY HALTON UNLESS OTHERWISE NOTED)
10. APPLICABLE CONTRACTOR TO SUPPLY AND RUN RJ45 CAT5 CABLE FROM CONTROL PANEL TO VFD FOR MONITORING COMMUNICATION.
11. APPLICABLE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF THE CAPTURE JET FITTER AND ASSOCIATED DUCTWORK (SUPPLIED BY HALTON). VELTEC HAS ENHANCED PRESSURE FROM EXHAUST FANS.
12. APPLICABLE CONTRACTOR TO SUPPLY AND INSTALL THREE PHASE POWER FROM BUILDING SOURCE TO EXHAUST FAN MOTOR. (IF THREE PHASE, AT RANGE PHASE PROTECTION STYLE TO PROTECT THESE (IF APPLICABLE) MOTORS. ALL TO BE RAN IN SEPARATE CONDUIT.
13. APPLICABLE CONTRACTOR TO SUPPLY AND INSTALL 1 WIRE 120V FROM BUILDING SOURCE TO EXHAUST FAN MOTOR FOR POWERING INTERLOCKED GREASE EXTRACTOR FAN. (IF MORE THAN ONE EXHAUST FAN, EACH MOTOR TO BE INTERLOCKED WITH ITS RESPECTIVE HOOD) HOODS ARE (A, A SECOND 110V DEDICATED CIRCUIT IS REQUIRED.
14. INSTALLING CONTRACTOR TO BE RESPONSIBLE FOR PROVIDING ADEQUATE ACCESS TO ALL COMPONENTS LOCATED ABOVE HOOD.
15. ALTON IMPRESSION AUTO TOUCH SCREEN (WALL MTD.) RECOMMENDED ONCE ALL RESPONSIBILITIES ARE COMPLETED ABOVE.

COMMUNICATION WIRING NOTE:

MAXIMUM DISTANCES OF CABLES BETWEEN ANY THREE CONTROLLER (M.A.R.V.E.L. CONTROL PANEL, HOOD, ETC) IN SERIES IS 328 FEET (100 METERS). THIS IS THE MAXIMUM DISTANCE BETWEEN ANY TWO POINTS ON A FAILED CONTROLLER. IF GREATER CABLE LENGTH IS NEEDED BETWEEN CONTROLLERS, AN INLINE ETHERNET BOOSTER MUST BE SPECIFIED AND USED.

NOTES:

ALL FIELD WIRING AND CONNECTION POINTS ARE SUBJECT TO CHANGE DUE TO ELECTRICAL COMPONENTS, UPDATE OR OBSOLESCENCE. HALTON RESERVES THE RIGHT TO MAKE CHANGES AS REQUIRED ON DRAWINGS CREATED ONE OR MORE YEARS PRIOR TO PROJECT INSTALLATION. FINAL AS-BUILT VERSIONS OF ELECTRICAL DIAGRAM(S) WILL BE SUPPLIED.

CONNECTIVITY NOTES:

IF COMMUNICATION WITH BUILDING MANAGEMENT SYSTEM (BMS) IS VIA BACNET, THE COMMUNICATION PROTOCOL DEFAULT IS BACNET IP.

NOTES:

ALL WIRING AND CONDUIT TO BE PROVIDED BY ELECTRICAL CONTRACTOR UNLESS STATED OTHERWISE

NOTES:

ALL FAN MOTORS MUST BE CONTROLLED WITH VARIABLE FREQUENCY DRIVES (VFDS). ALL VFDS MUST BE PROVIDED WITH THREE PHASE POWER. ELECTRONICALLY COMMUTATED MOTORS (ECM) ARE ALSO ACCEPTABLE IF SINGLE PHASE POWER IS AVAILABLE. CONTACT FACTORY SUPPLY TO THE ECM IS BY OTHERS)

NOTES:

ALL VARIABLE FREQUENCY DRIVES (VFD'S) MUST BE INSTALLED WITHIN 100' OF THE EXHAUST FAN.

HALTON CO. (USA) — HEADQUARTERS: 101 INDUSTRIAL DRIVE, SCOTTSVILLE, NEW YORK 14546 — TEL: (585) 235-0300 — WEBSITE: www.halton.com

HALTON CO. (CANADA) — 2445 MEADOWPINE BLVD., MISSISSAUGA, ONTARIO L5N 6C3 — TEL: (905) 812-2007

MAIL APPROVED DRAWINGS TO (CANADA/USA) FACTORY BELOW

REV'T	REVISION DESCRIPTION	DATE	BY
A	NO CHANGE	07.16.24	AC

PROJECT: ROCKLAND BOCES KITCHEN 3
LOCATION:
DRAWN BY: AC
CONSULTANT: ELITE STUDIO E
DATE: 07.16.24
SCALE: NOT TO SCALE

DRAWING TITLE: HOOD DETAILS

DRAWING NO: U24-536-3.0

REV. NO.: 1 — SHEET NO.: 7 of 8

ARCHITECT
ksqdesign
KSQ Architects PC dba KSQ Design
215 W 40th St - 15th flr
New York, NY 10018
646.435.0660 office
www.ksq.design

Owner
ROCKLAND BOCES
65 Parrott Rd.
West Nyack, NY, 10994
845-627-4700 office
www.rocklandboces.org

Civil & MEP Engineer
FELLENZER ENGINEERING LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845-343-1481 office
www.fellp.com

Structural Engineer
GACE CONSULTING ENGINEERS
148 Madison Avenue, Fourth Floor
New York, NY 10016
212-545-7878 office
www.structuralengineerwebsite.com

Food Service Consultant:
ELITE | STUDIO E
1865 New Hwy #1
Farmingdale, NY, 11735
631-420-9400 office
www.elitestudioe.com

Construction Manager:
ARRIS CONTRACTING COMPANY, Inc.
189 Smith Street
Poughkeepsie, NY 12601
845-473-3600 office
www.arriscontracting.com

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ROCKLAND BOCES — ROOTED IN THE COMMUNITY

ROCKLAND BOCES P-TECH C-TEC BUILDING

SED #: 50-90-00-00-0-044-001

65 PARROT RD,
WEST NYACK, NY 10994

KEY PLAN

REVISIONS

No.	Description	Date

ISSUED: BID SET ISSUANCE

DATE: 06/30/2025

SCALE:

SHEET NAME:
FOODSERVICE EXHAUST HOOD DETAIL DRAWINGS (HALTON)

SHEET NUMBER:
FS-704

BID SET

KITCHEN 3

HOOD INFORMATION TABLE

HOOD NUMBER	HOOD MODEL	EXHAUST AIR FLOW REQUIREMENTS: EXHAUST CFM	TOTAL HOOD STATIC PRESSURE	T.A.B. PORT STATIC PRESSURE	EXHAUST COLLAR: QTY.	LENGTH	WIDTH	GREASE EXTRACTOR: QTY.	SIZE: L	SIZE: H	TYPE	HOOD CONSTRUCTION	HOOD WEIGHT (LBS)
C17	KVW	4508	0.32"	0.20"	1	31"	12"	1	20"	13"	KSA	ALL 18 GA. 304 S.S.	4508
								1	13"	13"			

TOTAL EXH. CFM = 4508

MAKE-UP AIR GUIDELINES
- VELOCITY, MEASURED AT THE LOWER FRONT LIP OF THE HOOD SHALL NOT EXCEED 75 FPM.
- TEMPERATURE AIR FROM PARTS OF THE BUILDING OTHER THAN THE KITCHEN SHALL NOT EXCEED 10 F(W VELOCITY, OPTIMUM) OR 5F (1219 MAC AMP) FROM ALL OPEN SIDES OF HOOD.
- MAKE-UP AIR SHALL BE DIRECTED DOWNWARD AND SHALL NOT INSTALL DIFFUSERS MINIMUM OF 48" (1219 MAC AMP) FROM ALL OPEN SIDES OF HOOD.
- LOCATION HALTON AIRS MAY BE PLACED 24" (610 MM) AWAY FROM ALL OPEN SIDES OF HOOD.

ANSUL R-102 SYSTEM
REMOTE MOUNTED
(1) REGULATED RELEASE (WITH ONE TIMER)
(1) SINGLE TANK ENCLOSURE (WITH ONE TANK)

ANSUL R-102 SYSTEM
- DETECTION LINE
- SUPPLY #1
- SUPPLY #2
- 3 SINGLE, R-102 FIRE SYSTEM (1 TANK FIRE SYSTEM IS INCLUDING: (1) REGULATED RELEASE (WITH ONE TIMER) (1) SINGLE TANK ENCLOSURE (WITH ONE TANK)

ANSUL MICROSWITCH DETAIL
- UPPER SWITCH(ES)
- LOWER SWITCH(ES)
- YELLOW WIRE
- BLACK WIRE
- YELLOW FREE-WIRING CONTACTS
- RED WIRE
- FIELD WIRING TO CUSTOMER'S FUEL SHUT-OFF VALVE
- FIELD WIRING TO CUSTOMER'S ALARM SYSTEM
- FIELD WIRING TO CUSTOMER'S ELECTRICAL SHUNT TRIP
- FIELD WIRING TO CUSTOMER'S MECHANICAL GAS VALVE

ITEM # C17 — 2 — ELEVATION VIEW

RANGE | CHARBROILER | GRIDDLE | FRYER

ITEM # C17 — 3 — SECTION VIEW

EXHAUST HOOD MUST BE INSTALLED SO THAT THE COOKING SURFACE IS CENTERED UNDER THE EXHAUST HOOD MOVE.

CLOSURE PANELS ON ALL 4 SIDES

CAPTURE JET CLEARANCE DETAIL
Capture Jet Air Flow Clearance

CEILING CLOSURE PANELS
- 1" LIGHT BLUE, R-SEALING POLYSTEP

GENERAL SPECIFICATIONS

1. HOOD CONSTRUCTION AND DESIGN MEETS NFPA 96, IMC SECTION 507 AND UL 710 STANDARD.
2. HOOD IS NSF AND ETL LISTED UNDER THE FOLLOWING NUMBER ETL-SYSTEM-EQUIPMENT-301
3. ALL INSTALLATION WORK IS TO BE PERFORMED IN ACCORDANCE WITH THE MOST CURRENT NFPA 96 NFPA 54/ NFPA 58/ LOCAL BUILDING CODES AND ORDINANCES.
4. THE INSTALLATION SHALL BE IN ACCORDANCE WITH ANSI/NFPA 96 (LATEST EDITION) AND OPEN/AIR LADEN VAPORS FROM COMMERCIAL COOKING EQUIPMENT.
5. ALL EXHAUST DUCTWORK AND TRANSITIONS SHALL BE WELDED BY THE FIRM CONTRACTOR.
6. CLEARANCE FROM HOOD AND DUCT TO COMBUSTIBLE MATERIAL SHALL BE PER MANUFACTURER'S INSTRUCTIONS.
7. FOR PROPER OPERATION OF THE HOOD SYSTEM, IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO HAVE THE HOOD BALANCED AND MAKE-UP AIR SYSTEM ADJUSTED TO THE DESIGN AND SUPPLY REQUIREMENTS OF THE HOOD AND AHJ.

INSTALLATION REQUIREMENTS

KITCHEN EQUIPMENT CONTRACTOR'S REQUIREMENTS

1. PROVIDE DRAWINGS TO APPROPRIATE TRADES INDICATING UTILITY SERVICE AND COORDINATE FINAL CONNECTION.
2. DELIVER, ASSEMBLE AND INSTALL HALTON SYSTEM PER DRAWING.
3. FURNISH WIRING AND PLUMBING DIAGRAMS TO END USER.
4. THE H.C.S.MUST INFORM HALTON OF ANY CHANGES IN EQUIPMENT OR BUILDING STRUCTURE. FAILS TO DO SO MAY BE THE RESPONSIBILITY OF THE H.C.S.
5. IF HALTON MANUAL EXHAUST VOLUME DAMPERS ARE SUPPLIED, IT IS THE H.C.S. RESPONSIBILITY TO INSTALL DUCTWORK TO THESE DAMPERS/UNITS WITH OTHER TRADES FOR THEIR INSTALLATION.
6. IF HALTON HOOD IS TO BE INSTALLED OVER GAS APPLIANCES, THE H.C.S. IS RESPONSIBLE FOR THE INSTALLATION OF THE CAPTURE JET TAIL.

ELECTRICAL CONTRACTOR'S REQUIREMENTS

1. PROVIDE AND CONNECT ALL REQUIRED LOCTIES, CONNECTORS, WIRING, CONDUIT, ETC., PER NEC (NFPA 70) AND LOCAL CODES.

ELECTRICAL EQUIPMENT REQUIREMENTS

- FLUORESCENT LIGHT FIXTURE (SEE NOTE BELOW)
- RECESSED INCANDESCENT LIGHT FIXTURE
- 50,000 INCANDESCENT LIGHT FIXTURE
- HOL LIGHT FIXTURE(S) - 12 AMP EA.
- LED LIGHT FIXTURE(S) - 20 AMP EA.
- CAPTURE JET Fitter- 15 AMP EA.

ALL HOOD CIRCUITS ARE NOT TO EXCEED 15 AMP

- HOOD BUILT IN EQUIPMENT
- ARE TO BE PROVIDED BY OTHERS*

CEILING HEIGHT NOTE

IF ON THE CURRENT OR FUTURE CEILING CLOSURE PANELS, THE EXACT DIMENSION OF THE FINISHED CEILING HEIGHT MUST BE PROVIDED PRIOR TO RELEASE.

FINISHED CEILING HEIGHT AT 0': **10' - 0"**

VARIABLE FREQUENCY DRIVE (VFD)

6" MIN. CLEARANCE — 6" MIN. CLEARANCE — 36" A.F.F. MIN. RECOMMENDED

- VFD PHYSICAL DIMENSIONS TO BE DETERMINED BY MOTOR MANUFACTURER AND VOLTAGE.
- VFD MUST BE LOCATED WITHIN 100' OF FAN MOTOR.
- VFD MUST BE LOCATED IN A CLEAN, DRY ENVIRONMENT & OUTDOOR MINIMUM PROTECTED VFD.
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- VFD CABINETS ARE NOT SUPPLIED BY HALTON.
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M.A.R.V.E.L. CONTROL PANEL

- 36" A.F.F. RECOMMENDED
- 10" CLEARANCE RECOMMENDED
- LOCAL CODE AND ADA RECOMMENDED MOUNTING POSITIONS/LOCATIONS
- THE H.C.S. IS RESPONSIBLE TO ACCOUNT BY INSTALLING
- ATTENTION: MOUNT PANEL IN THE BEST LOCATION FOR A CONVENIENT CONNECTION

MARVEL TOUCH SCREEN

M.A.R.V.E.L. SYSTEM

M.A.R.V.E.L. EQUIPMENT CONNECTED LOADS

M.A.R.V.E.L. CONTROL PANEL = 15 AMPS EA.

M.A.R.V.E.L. RLC-01 EACH HOOD SECTION= 4 AMPS EA. (MAXIMUM 3 M.A.R.V.E.L. HOOD PLUS PER 15A CIRCUIT)

ALL CIRCUITS ARE NOT TO EXCEED 15 AMP

NOTES:
- FIELD WIRING (BY H.C.) - 120V / 15AMG MIN. 15AWG MAX.
- FIELD WIRING (BY H.C.) - 24V / 22AWG MIN. 16AWG MAX.
- FIELD WIRING (BY H.C.) - 24V / CAT-5.

SPACE TEMPERATURE SENSOR

(FIG 1-1)

CAT5 COMMUNICATION CABLE (BY ELECTRICAL CONTRACTOR) BY ELECTRICAL CONTRACTOR

ROOM THERMOSTAT (BY OTHERS) — 48"/54" A.F.F. (If WITNU SPRING MFD)

SPACE T-STAT (BY HALTON)

RECOMMENDED

TEMPERATURE SENSOR TO BE MOUNTED AWAY FROM DIRECT SUNLIGHT, DRAFTS, AND HEAT SOURCES IN PROXIMITY TO THE ROOM THERMOSTAT. SENSOR TO BE LOCATED IN SAME ZONE* AS HOODS THEY SERVE. BY HALTON ELECTRICAL CONTRACTOR. *NOT TO BE LOCATED ON ANY OTHER UNHOODED APPLIANCES

M.A.R.V.E.L. SCOPE OF WORK

RESPONSIBILITY TO BE SOLELY BY GENERAL CONTRACTOR

DEFINITIONS FOR REFERENCE:

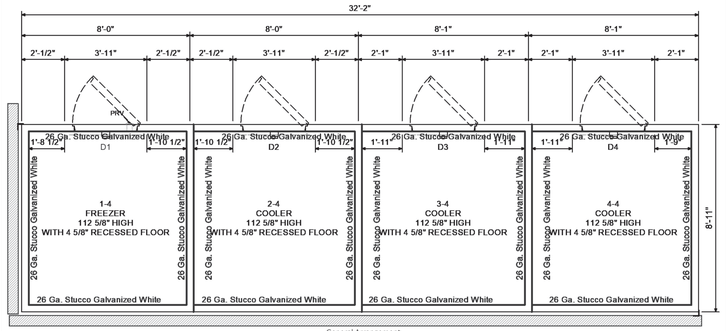
M.A.R.V.E.L. SYSTEMS = 1 EXHAUST FAN SERVING 1 KITCHEN HOOD

M.A.R.V.E.L. 2 SYSTEMS = 1 EXHAUST FAN SERVING MULTIPLE KITCHEN HOODS

VFD = VARIABLE FREQUENCY DRIVES

CONNECTION LOCATIONS SHALL VARY PER SYSTEMS REFER TO HALTON M.A.R.V.E.L. DIAGRAMS FOR SPECIFICS

1. APPLICABLE CONTRACTOR TO SUPPLY AND BE FULLY RESPONSIBLE FOR THE INSTALLATION OF THE M.A.R.V.E.L. CONTROL PANEL, LOCATION TO BE DETERMINED BY GC AND SHALL BE WITHIN SAME SPACE AS THE EXHAUST FAN MOTOR.



General Arrangement

-SPECIFICATION-

Box Height: Freezer 9'-4 5/8" (8'-8 5/8" Interior)
Cooler 9'-4 5/8" (8'-8 5/8" Interior)
Cooler 9'-4 5/8" (8'-8 5/8" Interior)
Cooler 9'-4 5/8" (8'-8 5/8" Interior)

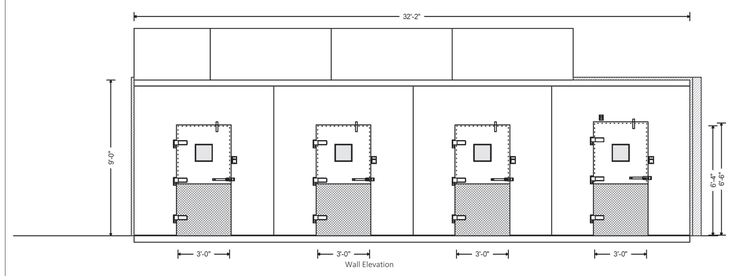
Insulation: 4" thick AK-XPS4 Extruded foam UL classified core flame spread 15, Smoke rating less than 165

Compartment 1 - Freezer

D1 - (1) Non-Standard 36" x 78" Left hinged flush door with brushed hardware. Interior finish: 26 Ga. Stucco Galvanized White, Exterior finish: 26 Ga. Stucco Embossed Acrylume.36" kickplates to interior and exterior of door. Energy saving temperature regulating thermostat heater wire and heated relief vent. Heavy duty deadbolt handle latch with 1/4 turn inside release. 75LC Modularm Multi-Monitor Controller with Temparature Probe and Door Open/Close Sensor for Coolers or Freezers Wired and Installed with MD-1 Motion sensor, IP-1 Panic button/light. 1807 11w, Vapor Proof, 120V. LED fixture. 82 Lumens /watt Angled face . Strip curtain. Requires 115vac. 2.2 amps.
With third hinge, curtain, 12 x 12 heated frame & glass viewing window

Refrigeration:

Quote No : 24-19478 Revision : 2	Project : Rockland BOCES - Item F16, F17, F18, & F19	Date : 12/09/2024
Customer : Elite Studio E (Strata)	Page 1 of 4	



Wall Elevation

-SPECIFICATION-Continued

Refrigeration Supplied By Others
Recommended minimum duty 6674 Btu/hr at 95°F ambient

Wall Panels
Interior Finish: 26 Ga. Stucco Galvanized White
Exterior Finish: 26 Ga. Stucco Embossed Acrylume

Ceiling Panels
Interior Finish: 26 Ga. Stucco Galvanized White
Exterior Finish: 26 Ga. Stucco Embossed Acrylume

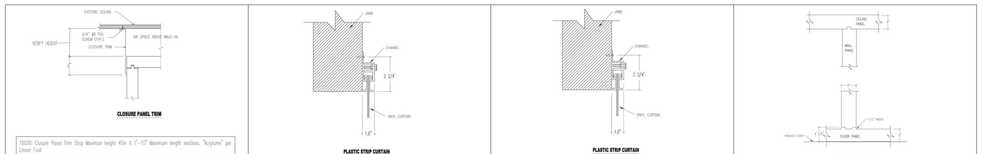
Floor Panels
NSF Floor panel rated for 700 LBS/ SQ. FT.
22 Ga. Stainless Steel Integral

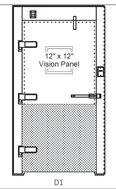
Application: Foot Traffic - No Rolling Carts

Compartment 2 - Cooler

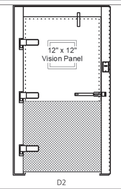
D2 - (1) Standard 36" x 76" Left hinged flush door with brushed hardware. Interior finish: 26 Ga. Stucco Galvanized White, Exterior finish: 26 Ga. Stucco Embossed Acrylume.36" kickplates to interior and exterior of door. Heavy duty deadbolt handle latch with 1/4 turn inside release. 75LC Modularm Multi-Monitor Controller with Temparature Probe and Door Open/Close Sensor for Coolers or Freezers Wired and Installed with MD-1 Motion sensor, IP-1 Panic button/light. 1807 11w, Vapor Proof, 120V. LED fixture. 82 Lumens /watt Angled face . Strip curtain. Requires 115vac. 1 amps.
With third hinge, curtain, 12 x 12 heated frame & glass viewing window

Quote No : 24-19478 Revision : 2	Project : Rockland BOCES - Item F16, F17, F18, & F19	Date : 12/09/2024
Customer : Elite Studio E (Strata)	Page 2 of 4	

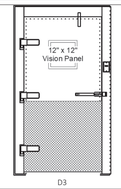




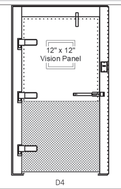
D1



D2



D3



D4

Quote No : 24-19478 Revision : 2	Project : Rockland BOCES - Item F16, F17, F18, & F19	Date : 12/09/2024
Customer : Elite Studio E (Strata)	Page 3 of 4	

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Structural Engineer

GACE CONSULTING ENGINEERS
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New York, NY 10016
212-545-7878 office
www.structuralengineerwebsite.com

Food Service Consultant:

ELITE | STUDIO E
1865 New Hwy #1
Farmingdale, NY, 11735
631-420-9400 office
www.elitestudioe.com

Construction Manager:

ARRIS CONTRACTING COMPANY, Inc.
189 Smith Street
Poughkeepsie, NY 12601
845-473-3600 office
www.arriscontracting.com

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ROCKLAND BOCES
ROOTED IN THE COMMUNITY

ROCKLAND BOCES P-TECH C-TEC BUILDING

SED #: 50-90-00-00-0-044-001

65 PARROT RD,
WEST NYACK, NY 10994

KEY PLAN

REVISIONS

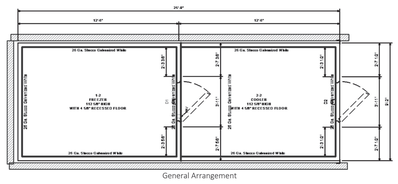
No.	Description	Date

ISSUED: BID SET ISSUANCE
DATE: 06/30/2025
SCALE:
SHEET NAME:
FOODSERVICE WALK-IN DETAIL DRAWINGS (AMERIKOOLER)
SHEET NUMBER:
FS-720

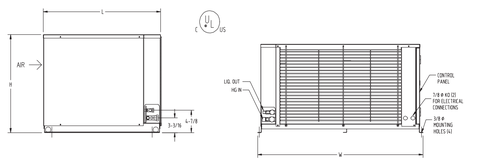
BID SET

PROJECT NUMBER: 2333403.01 COPYRIGHT © 2024 KSQ ARCHITECTS, PC

DRAWN BY: JA/DV
CHECKED BY: JA/DV
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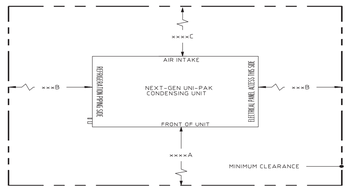

24'-0"
12'-0"
12'-0"
25 Ga. Stucco Galvanized White
25 Ga. Stucco Galvanized White
25 Ga. Stucco Galvanized White
25 Ga. Stucco Galvanized White
25 Ga. Stucco Galvanized White
25 Ga. Stucco Galvanized White
D1
FREEZER
1612 SQFT NRSF
WITH 4 5/8" ACCESSED FLOOR
D2
COOLER
1612 SQFT NRSF
WITH 4 5/8" ACCESSED FLOOR
9'-2"
9'-2"
9'-2"

A CONDENSING UNIT OUTLINE DRAWING
R-1 AIR COOLED NEXT-GEN



FRAME SIZE	CONDENSER FAN MTR. QTY.	DIMENSIONS (INCHES) L	W	H
FM1	1	28-1/4	27-7/8	18-3/4
FM3	2	28-1/4	39-7/8	21-1/4

B MINIMUM CLEARANCE REQUIREMENTS
R-1 AIR-COOLED NEXT-GEN



CONDENSING UNIT DESCRIPTION	MINIMUM DIMENSION (INCHES) A	B	C
UNI-PAK 0.5 H.P. - 2.0 H.P.	60	24	36
UNI-PAK 3.0 H.P. - 6.0 H.P.	72	24	36

**** MINIMUM CLEARANCE FOR CONDENSING UNITS POSITIONED SIDE BY SIDE.
*****120" MINIMUM CLEARANCE FOR CONDENSING UNITS POSITIONED IN FRONT OF ANOTHER.

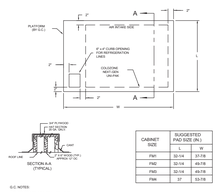
COLDZONE ENGINEERING SUMMARY

IDENT SYSTEM	IDENT ITEM NUMBER	FIXTURES DESCRIPTION	FIXTURES FIXTURE LOAD	FIXT.°F FIX T.	FIXT.°F SUCT.	REFRIG. R-	COMPRESSORS COMPRESSOR MODEL NUMBER	COMPRESSORS C/U WEIGHT (LBS)	COMPRESSORS FRAME SIZE	COMPRESSORS H.P.	COMPRESSORS RECEIVER CAPACITY LBS (@90%)	COMPRESSORS % OF LOAD CAPACITY	COMPRESSOR ELECTRICAL CHARACTERISTICS MCA	COMPRESSOR ELECTRICAL CHARACTERISTICS MOPD	COMPRESSOR ELECTRICAL CHARACTERISTICS POWER SUPPLY	COOLING CAPACITY (BTUH) AT 90 AMBIENT	DEFROST *	EVAPORATOR COILS QUANTITY	EVAPORATOR COILS MODEL NO.	EVAPORATOR COILS NOMINAL CAP. TOTAL.	EVAPORATOR COILS MFR. REMARKS	FAN 1PH (PER EVAP) AMP	FAN 1PH (PER EVAP) V	HEATER (PER EVAP) AMP	HEATER (PER EVAP) V	HEATER (PER EVAP) PH	TOTAL SYSTEM AMPS (MCA)	CONNECTION SIZES ** ROUTE	SUCTION	LIQUID	DRAIN FITTING NPT	DEFROST OPTION NO.	CIRCUIT WITH DEFROST TIME CLOCK	ACCESSORIES HEATED AND INSULATED RECEIVER	SUCTION ACCUMULATOR	SUCTION FILTER	OIL SEPARATOR	FURNISHED (SEE CODE) T-STAT	FURNISHED (SEE CODE) S'NOID	FURNISHED (SEE CODE) EXP. VALVE	REMARKS
A	B11.3	WALK-IN COOLER #B11	10010	35	25	448A	CFO130E4SEA	195	FM1	1	11.60	100%	15	15	208-230/3/60	10030	A	1	CL6A094ADA	10900	COLDZONE	1.6	115/1				15		5/8	3/8	3/4-14	ECONET	NO	YES	NO	SEALED	NO	FI		FI	
B	B12.2	WALK-IN FREEZER #B12	9663	-10	-18	448A	CFO300L4SEA	245	FM3	3	22.00	101%	15	20	208-230/3/60	9802	E	1	CL6E105DDA	9994	COLDZONE	1	208-230/1	9.8	208-230	1	15		7/8	3/8	3/4-14	ECONET	NO	YES	YES	SEALED	NO	FI		FI	
C	F16.3/5	WALK-IN FREEZER #F16	9725	-10	-18	448A	CFO300L4SEA	245	FM3	3	22.00	101%	15	20	208-230/3/60	9802	E	1	CL6E105DDA	9994	COLDZONE	1	208-230/1	9.8	208-230	1	15		7/8	3/8	3/4-14	ECONET	NO	YES	YES	SEALED	NO	FI		FI	
D	F17.2/3	WALK-IN COOLER #F17	7991	35	25	448A	CFO080M4SEA	195	FM1	3/4	11.59	104%	15	15	208-230/3/60	8330	A	1	CL6A073ADA	8500	COLDZONE	1.6	115/1				15		5/8	3/8	3/4-14	ECONET	NO	YES	NO	SEALED	NO	FI		FI	
E	F18.2/3	WALK-IN COOLER #F18	7991	35	25	448A	CFO080M4SEA	195	FM1	3/4	11.59	104%	15	15	208-230/3/60	8330	A	1	CL6A073ADA	8500	COLDZONE	1.6	115/1				15		5/8	3/8	3/4-14	ECONET	NO	YES	NO	SEALED	NO	FI		FI	
F	F19.2/3	WALK-IN COOLER #F19	7991	35	25	448A	CFO080M4SEA	195	FM1	3/4	11.59	104%	15	15	208-230/3/60	8330	A	1	CL6A073ADA	8500	COLDZONE	1.6	115/1				15		5/8	3/8	3/4-14	ECONET	NO	YES	NO	SEALED	NO	FI		FI	

LEGEND * A-AIR DEFROST; E- ELECTRIC DEFROST (DEMAND DEFROST ON ECONET OR KE2) + ** CONNECTION SIZES LISTED ABOVE ARE FOR REFERENCE AND DO NOT REPRESENT LINE SIZING. FIELD PIPING DESIGN PROVIDED BY OTHERS. MFR- FURNISH WITH FIXTURE; FL- CZ TO FURNISH AND SHIP LOOSE; FI- CZ TO FURNISH AND INSTALL ON UNIT. 2* - MULTIPLE EVAPORATORS TIED TO ONE COMPRESSOR TO BE BONDED BY OTHERS; RC- FURNISH AND INSTALL BY REF. CONTRACTOR

NOTE:
EQUIPMENT SELECTED FOR 0 FEET ELEVATION AND 90°F AMBIENT TEMPERATURE
ALL CONDENSING UNITS WITH CRANKCASE HEATERS AND HEAD PRESSURE CONTROL VALVES
CONDENSING UNITS WITH ADJUSTABLE LOW PRESSURE SWITCHES
CONDENSING UNITS WITH POWDER COATED STEEL CABINET PANELS
CONDENSING UNITS WITH HEATED/INSULATED RECEIVERS FOR LOW AMBIENT OPERATION

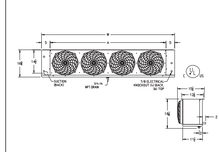
C SUGGESTED ROOF PAD DETAIL
R-1



CABINET SIZE	SUGGESTED PAD SIZE (IN.) L	W
FM1	32-1/4	37-7/8
FM2	32-1/4	49-7/8
FM3	32-1/4	49-7/8
FM4	37	53-7/8

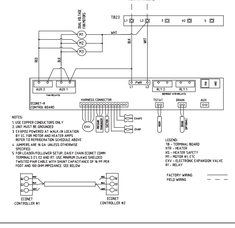
G.C. NOTES:
1. PLATFORM TO BE INSTALLED LEVEL.
2. PLATFORM TO BE CONSTRUCTED IN COMPLIANCE WITH LOCAL CODES.
3. ADD 6" TO SIZE for 72" FOR MINIMUM CLEARANCE REQUIREMENTS

D COLDZONE EVAPORATOR COIL
R-1 LOW PROFILE



EVAPORAOTR COIL(S) INCHES MODEL NUMBER	QTY	FIGURE	NO. OF PASS	W	A	WEIGHT (LBS. EACH)
CL6A073ADA	3	1	2	43-5/8	43-5/8	52
CL6A094ADA	1	1	2	43-5/8	43-5/8	55
CL6E105DDA	2	1	2	43-5/8	43-5/8	62

F WIRING DIAGRAM FOR
R-1 W/I COOLER EVAPORATOR COIL

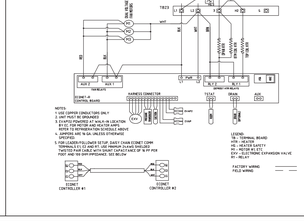


NOTES:
1. USE COPPER CONDUCTORS ONLY.
2. UNIT MUST BE GROUNDED.
3. FOR LOCATIONS ABOVE 3K ft ELEVATION DO NOT USE MOTOR ADJACENT TO APPS.
REFER TO REFRIGERATION SCHEDULE ABOVE
4. WIRING SIZE: 16 GA. UNLESS OTHERWISE SPECIFIED.
5. FOR LOADED FOLLOWER SETUP, DAISY CHAIN ECONET COMM TERMINALS E1 (1ST AND 6TH, 120 OHM TERMINATION) OF 18 AWG TWISTED PAIR CABLE WITH SHUNT CAPACITANCE OF 16 PF/ft FOOT AND 100 OHM IMPEDANCE, SEE BELOW

LEGEND:
ECW - ECONET WIRING BOARD
HTR - HEATER
HS - HEATER SAFETY
LLS - LIQUID LINE SOLENOID
EEV - ELECTRONIC EXPANSION VALVE
M - RELAY

FACTORY WIRING
FIELD WIRING

G WIRING DIAGRAM FOR
R-1 W/I FREEZER EVAPORATOR COIL

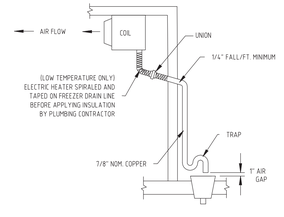


NOTES:
1. USE COPPER CONDUCTORS ONLY.
2. UNIT MUST BE GROUNDED.
3. FOR LOCATIONS ABOVE 3K ft ELEVATION DO NOT USE MOTOR ADJACENT TO APPS.
REFER TO REFRIGERATION SCHEDULE ABOVE
4. WIRING SIZE: 16 GA. UNLESS OTHERWISE SPECIFIED.
5. FOR LOADED FOLLOWER SETUP, DAISY CHAIN ECONET COMM TERMINALS E1 (1ST AND 6TH, 120 OHM TERMINATION) OF 18 AWG TWISTED PAIR CABLE WITH SHUNT CAPACITANCE OF 16 PF/ft FOOT AND 100 OHM IMPEDANCE, SEE BELOW

LEGEND:
ECW - ECONET WIRING BOARD
HTR - HEATER
HS - HEATER SAFETY
LLS - LIQUID LINE SOLENOID
EEV - ELECTRONIC EXPANSION VALVE
M - RELAY

FACTORY WIRING
FIELD WIRING

H DRAIN LINE DETAIL
R-1



EVAPORATOR ELECTRICAL SCHEDULE / POWER SUPPLIED BY ELECTRICAL CONTRACTOR (PER EACH)

ITEM NO.	QTY.	DESCRIPTION	VOLTAGE/PH	MCA	MOPD
A	1	CL6A094ADA	115/1	15	20
C	1	CL6E105DDA	208-230/1	15	20
	1	CL6E105DDA	208-230/1	15	20
D	1	CL6A073ADA	115/1	15	20
F	1	CL6A073ADA	115/1	15	20
	1	CL6A073ADA	115/1	15	20

ENGINEERING GUIDE SPECIFICATION
NEXT-GEN UNI-PAK AIR-COOLED CONDENSING UNIT

THE REFRIGERATION PACKAGE SHALL BE A PRE-ENGINEERED AND FACTORY ASSEMBLED UNIT TRADE NAME "NEXT-GEN UNI-PAK", AS MANUFACTURED BY COLDZONE, A DIVISION OF HEAT TRANSFER PRODUCTS GROUP, 1815 VINEYARD AVE. ONTARIO, CA 91761. PHONE: (800) 772-2653, FAX: (714) 529-8933.

CONTRACTOR SHALL FURNISH AND INSTALL, WHERE SHOWN ON PLANS,COLDZONE U.L. APPROVED "NEXT-GEN UNI-PAK" AIR-COOLED CONDENSING UNIT WITH EVAPORATOR COIL. ALL UNIT SHALL BE ELECTRICALLY TESTED AND SHIPPED WITH A DRY NITROGEN HOLDING CHARGE AND READY FOR FIELD INSTALLATION.

1. UNI-PAK CONSTRUCTION
   A. THE UNIT SHALL BE SECURELY SUPPORTED AND ANCHORED WITH CLAMPS.
   B. THE PACKAGE SHALL BE MOUNTED ON A HEAVY DUTY GALVANIZED STEEL BASE.
   C. AIR-COOLED CONDENSING UNIT SHALL HAVE AN APPROPRIATE STYLE COMPRESSOR WITH SUCTION AND/OR DISCHARGE SERVICE VALVES. COMPRESSOR MOTOR SHALL BE HIGH TORQUE, HERMETIC INDUCTION TYPE, 1750 RPM AND SHALL BE PROTECTED AGAINST OVERLOAD, SINGLE PHASING AND LOCKED ROTOR CONDITION. THE UNIT SHALL BE PROVIDED WITH AIR COOLED CONDENSER COIL WITH STAGGERED TUBE DESIGN AND ENHANCED FIN SURFACE. THE UNIT SHALL BE PROVIDED WITH A SUCTION LINE ACCUMULATOR TO PREVENT LIQUID FLOOD BACK TO THE COMPRESSOR AND OIL RETURN. THE CONDENSER FAN MOTOR SHALL BE INHERENTLY PROTECTED AND HAVE LIFE LUBRICATED BALL BEARINGS. A FAN GUARD SHALL BE PROVIDED WITH EACH MOTOR. THE UNIT SHALL BE PROVIDED WITH A LIQUID RECEIVER RATED AT 90% OF ITS CAPACITY. IT SHALL BE SUPPLIED WITH A FUSIBLE PLUG AND SHALL CONFORM TO U.L. OR ASME CODES AND SHALL BEAR THE APPROPRIATE LABEL OR STAMP. COMPRESSOR HIGH/LOW PRESSURE CONTROL SHALL BE INCLUDED WITH THE UNIT.
   D. ALL INTERNAL PIPING SHALL BE PRE-PIPED TO OUTSIDE OF ENCLOSURE WITH DRIER, SIGHT GLASS AND VIBRATION ELIMINATORS FOR SUCTION LINES.
   E. ENDS OF LINES SHALL BE CAPPED AGAINST CONTAMINATION AFTER THE UNIT IS COMPLETED. THESE CAPPED ENDS ARE TO BE OPENED ONLY AT FINAL CONNECTION OF THE PACKAGE TO FIXTURES.

2. EVAPORATOR COILS
   A. EVAPORATOR COILS SHALL BE DIRECT EXPANSION TYPE FABRICATED OF COPPER TUBES WITH ALUMINUM FINS.
   B. EVAPORATOR COILS SHALL BE PROVIDED WITH SOLENOID VALVE, THERMOSTATIC EXPANSION VALVE, AND THERMOSTAT PIPED AND WIRED TO THE JUNCTION BOX FOR POSITIVE PUMP DOWN OR IF SUPPLIED WITH ECONET THE CONTROL PACKAGE INCLUDES ELECTRONIC EXPANSION VALVE, SUCTION PRESSURE TRANDUCER, SUCTION, ENTERING AIR, COIL TEMP THERMISTORS AND LOCAL DISPLAY WITH PUSH BUTTON ADJUSTMENTS.

GENERAL NOTES

1. GENERAL CONTRACTOR:
   A. CONTRACTORS SHALL VERIFY ALL DIMENSIONS AND COORDINATE WITH OTHER TRADES.
   B. GENERAL CONTRACTOR SHALL PREPARE THE PLATFORM, CURBED OPENINGS AND WEATHERPROOFING THE SAME AFTER INSTALLATION.

2. REFRIGERATION CONTRACTOR:
   A. THE CONCRETE SYSTEM SHALL BE EVACUATED WITH VACUUM PUMP.
   B. CHARGE, TEST AND ADJUST EACH UNIT TO ASSURE PROPER OPERATION.
   C. ALL COPPER TUBING TO BE REFRIGERANT GRADE A.C.R. OR TYPE "L".
   D. SILVER SOLDER AND/OR SIL-FOS SHALL BE USED FOR ALL REFRIGERANT PIPING. SOFT SOLDER IS NOT ACCEPTABLE.
   E. ALL PIPING TO BE PRESSURE TESTED WITH NITROGEN AT 350 PSI. AFTER THE CONDENSING UNIT AND COIL HAVE BEEN CONNECTED, THE ENTIRE SYSTEM SHALL BE LEAK TESTED WITH ALL VALVES OPEN.
   F. REFRIGERATION CONTRACTOR TO PROVIDE AND INSTALL DRAIN LINE HEATER IN FREEZER TO BE CONNECTED BY ELECTRICAL CONTRACTOR.

3. ELECTRICAL CONTRACTOR
   A. ELECTRICAL CONTRACTOR TO CONNECT DRAIN LINE HEATER IN FREEZER.
   B. ELECTRICAL CONTRACTOR TO PROVIDE POWER FOR CONDENSING UNIT AND EVAPORATOR COIL AS CALLED FOR IN THE WIRING DIAGRAM
   C. ALL ELECTRICAL WIRING AND INSTALLATION SHALL BE IN ACCORDANCE WITH THE WIRING DIAGRAM AND LOCAL CODES

4. PLUMBING CONTRACTOR
   A. PLUMBING CONTRACTOR TO PROVIDE A.C.R. OR TYPE "L" COPPER DRAIN LINES FOR WALK-IN REFRIGERATION AND FREEZER, PITCHED 1/4" PER FOOT OF RUN. IN FREEZER, UNHEATED DRAIN LINE MUST BE OUTSIDE OF INSULATION TO PREVENT FREEZING. TRAP DRAIN LINE OUTSIDE OF REFRIGERATED SPACE TO AVOID ENTRANCE OF WARM AND MOIST AIR.
   B. PLUMBING CONTRACTOR TO PROVIDE REFRIGERANT DRIER FOR EVAPORATOR UNLESS OTHERWISE CALLED FOR.
   C. ALL PLUMBING INSTALLATION SHALL BE IN ACCORDANCE WITH LOCAL CODES.

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GENERAL NOTES

REFRIGERATION PIPE SIZES ARE BASED ON A MAXIMUM LINE RUN OF 75 EQUIVALENT FEET FOR LIQUID AND SUCTION LINES. THIS INCLUDES AN ALLOWANCE OF 30 EQUIVALENT FEET FOR VERTICAL RISERS. LINE RUNS LONGER THAN 75 EQUIVALENT FEET MAY VOID THE LINE SIZES INDICATED ON OUR SUBMITTAL DRAWING

IT IS THE INSTALLING CONTRACTORS RESPONSIBILITY TO FOLLOW ALL APPLICABLE CODES AND CURRENT REFRIGERATION INDUSTRY STANDARDS AND PRACTICES WHEN DETERMINING LINE SIZES, AND INSTALLING AND STARTING UP COLDZONE EQUIPMENT

EVAPORATOR AND PIPING SERVICE / ISOLATION VALVES ARE RECOMMENDED FOR PARALLEL AND MULTIPLEX SYSTEMS. THESE VALVES ARE TO BE SUPPLIED AND INSTALLED BY THE INSTALLING CONTRACTOR.

No.	Description	Date
0	Initial Release	5/1/2025
REV.	Description	Date

HTPG
1810 Vineyard Ave. (909) 784-3600
Ontario, CA 91761 (714) 529-8933 FAX

Project Name and Address
ROCKLAND BOCES
65 Parrott Road
West Nyack, NY
NOT DRAWN TO SCALE

Drawing Number	Job Number
2836	23-0018R2
Date	Sheet Number
12/12/2024	R-1
Drawn By	
MF	

ARCHITECT
ksqdesign
KSQ Architects PC dba KSQ Design
215 W 40th St - 15th flr
New York, NY 10018
646.435.0660 office
www.ksq.design

Owner
ROCKLAND BOCES
65 Parrott Rd.
West Nyack, NY, 10994
845-627-4700 office
www.rocklandboces.org

Civil & MEP Engineer
FELLENZER ENGINEERING LLP
22 Mulberry Street, Suite 2A
Middletown, NY 10940
845-343-1481 office
www.fellp.com

Structural Engineer
GACE CONSULTING ENGINEERS
148 Madison Avenue, Fourth Floor
New York, NY 10016
212-545-7878 office
www.structuralengineerwebsite.com

Food Service Consultant:
ELITE | STUDIO E
1865 New Hwy #1
Farmingdale, NY, 11735
631-420-9400 office
www.elitestudioe.com

Construction Manager:
ARRIS CONTRACTING COMPANY, Inc.
189 Smith Street
Poughkeepsie, NY 12601
845-473-3600 office
www.arriscontracting.com

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ROCKLAND BOCES
ROOTED IN THE COMMUNITY

ROCKLAND BOCES P-TECH C-TEC BUILDING

SED #: 50-90-00-00-0-044-001

65 PARROT RD,
WEST NYACK, NY 10994

KEY PLAN

REVISIONS

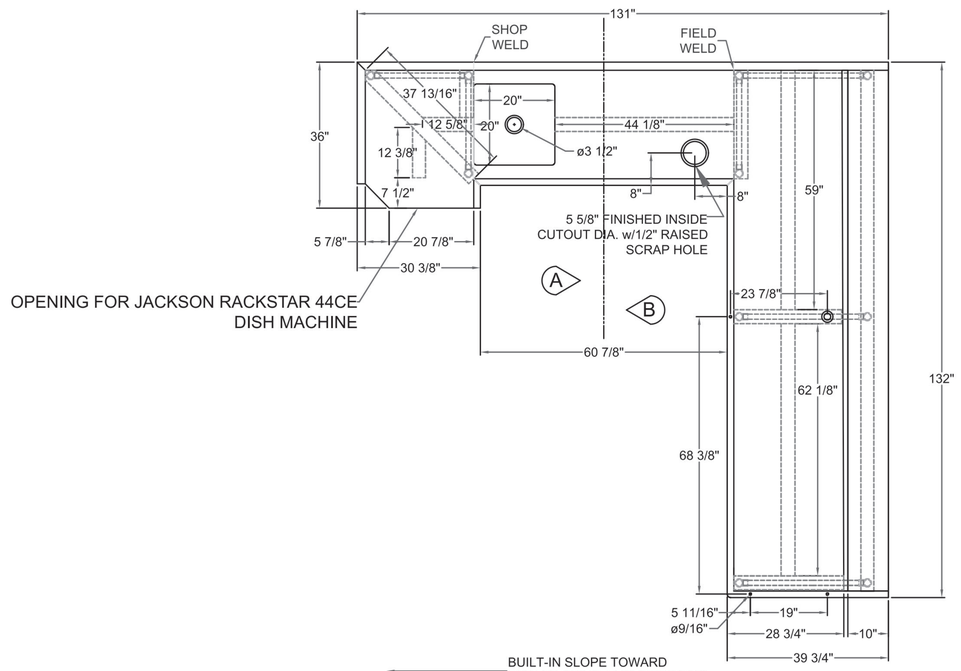
No.	Description	Date

ISSUED: BID SET ISSUANCE
DATE: 06/30/2025
SCALE:
SHEET NAME:
FOODSERVICE REFRIGERATION DETAIL DRAWINGS (COLDZONE)
SHEET NUMBER:
FS-730

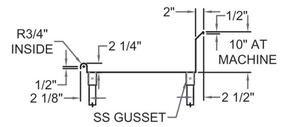
BID SET

DRAWN BY: JA/DV
CHECKED BY: JA/DV
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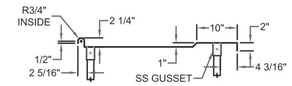
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DISH TABLE DETAIL



DISH TABLE DETAIL (SLOPED LANDING DESIGN)



NOTES:

- 10" SLOPED LANDING - SEE DETAIL
- U-SHAPED PROVISION
- MODIFIED SIZE; SEE DRAWING
- SCRAP BLOCK HOLE CUT-OUT
- #DTSS-30132-S - DOUBLE SIDED SLANTED SOLID SORTING SHELF

LOOSE HARDWARE:

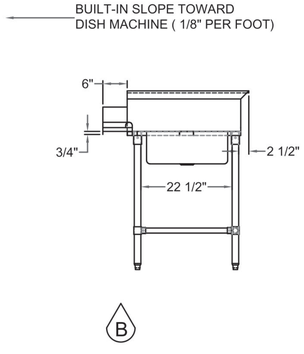
QTY	MODEL #	DESCRIPTION
1	PBDR-4	3 1/2" DRAIN w/ BASKET
1	006310	RISER Z-CLIP PKG OF 3
2	006311	RISER Z-CLIP PKG OF 2

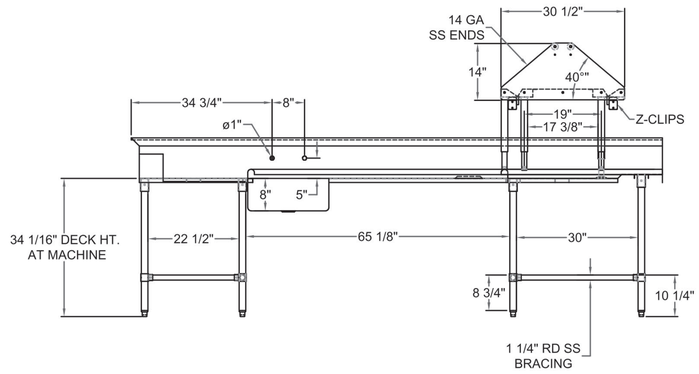
1-1/4" CROSS BRACE

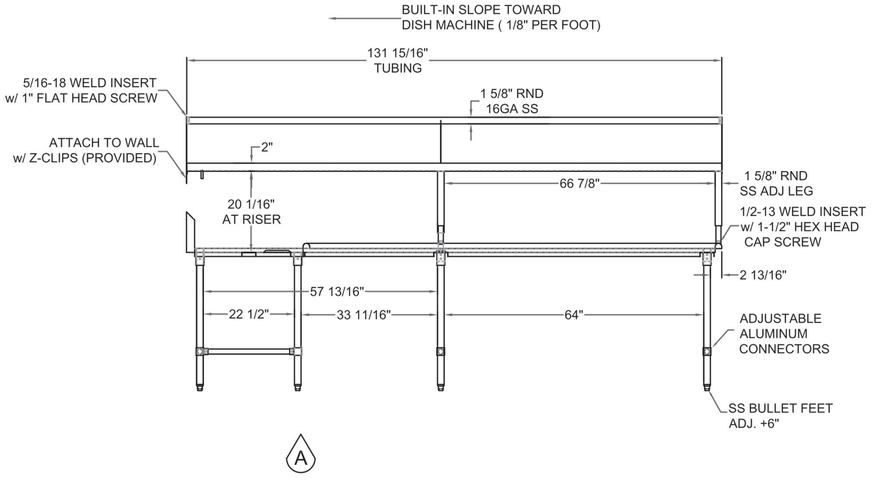
QTY	CUT LENGTH
3	22 1/8"
3	29 5/8"

1-5/8" RND LEG

QTY	CUT LENGTH
9	SLEG-34B-ADJ







MFG. INITIALS:				
LAYOUT:				
BREAK:				
WELDER:				
POLISHER:				
CRATING:				
REV:	BY:	DATE:	DESCRIPTION:	
REVISION HISTORY:				

APPROVED
APPROVED AS NOTED
REVISE & RESUBMIT

APPROVED BY

DATE

John BOOS Since 1887
3601 SOUTH BANKER STREET
P.O. BOX 609
EFFINGHAM, IL. 62401
(217) 347-7701 / FAX (217) 347-7705
E-MAIL: sales@johnboos.com
Web Site: www.johnboos.com

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QUOTE NUMBER: 166888	ELITE		
DATE: 9/5/2024	ROCKLAND BOCES		
SCALE: 3/8"=1'	SHEET NUMBER:	QUANTITY: 1	DECK MATERIAL: 16GA/300 SS / BASE MATERIAL: SS
DRAWN BY: DW / BH	QUAD LOCATION:	ITEM NUMBER: G12	MODEL NUMBER: SDT6-L70144SBK-R
REQUESTED BY: PR / TS	ROOM NUMBER:	WEIGHT:	SALES ORDER NUMBER: AA2490

ARCHITECT
ksqdesign
KSQ Architects PC dba KSQ Design
215 W 40th St - 15th flr
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646.435.0660 office
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West Nyack, NY, 10994
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Civil & MEP Engineer
FELLENZER ENGINEERING LLP
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Middletown, NY 10940
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Structural Engineer
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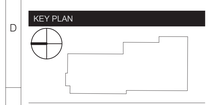
ROCKLAND BOCES ROOTED IN THE COMMUNITY

ROCKLAND BOCES P-TECH C-TEC BUILDING

SED #: 50-90-00-00-0-044-001

65 PARROT RD,
WEST NYACK, NY 10994

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET ISSUANCE
DATE: 06/30/2025
SCALE:
SHEET NAME:
FOODSERVICE WAREWASHING DETAIL DRAWINGS (JOHN BOOS)
SHEET NUMBER:
FS-740

BID SET

DRAWN BY: Author
CHECKED BY: Checker
Autodesk Docs://1504 - Rockland BOCES - West Nyack NY - v2020.19dc_Rockland BOCES W 75.rvt
6/12/2025 11:50:44 AM

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MULTI–CIRCUIT ELECTRA–POLE With Breaker

c UL us NSF

EQUIPMENT SPECIFICATIONS

Provide AVTEC Multi–Circuit Electra–Pole and matching Ceiling Terminal Enclosure. Assembly to be mounted in finished ceiling to provide one–point–connection to equipment. Electra–Pole shall connect to Ceiling Terminal Enclosure Assembly, lock against the floor, and be adjusted vertically by releasing a one–turn locking device. Electra–Pole shall be as manufactured by AVTEC INDUSTRIES INC., Weidman, MI.

Electra–Pole shall consist of 1 5/8" diameter, 18 gage, #304 stainless steel tubing, #4 finish, completely pre–wired per NEC using only U. L. Listed components. Connection plates housing receptacle and point–of–use breakers shall be provided for each appliance. Telescoping design shall provide an adjustment of plus or minus 6". Stainless steel flanged foot shall provide an additional adjustment of 1 1/2" Ceiling Terminal Enclosure Assembly shall mount flush with finished ceiling and be supported with 1" angle support four (4) foot length by Avtec, cut to fit and attached to structural cross member at ceiling.

Terminal Enclosure Assembly shall be of the following design:
[PICK ONE]

☑ Attachment plate shall be provided as the top of Electra–Pole and fastened to the bottom of Ceiling Terminal Enclosure Assembly in the field. Electrical connectors shall be attached to terminals in Ceiling Terminal Enclosure Assembly in the field. Connectors and lugs are provided as part of the Electra–Pole.

☐ Ceiling box assembly shall house grounding type receptacle and junction box fitted to mount flush with finished ceiling and with 1" angle support ready to be bolted to structural cross member at ceiling. Ceiling Box Assembly shall be so designed as to guide plug connector on Eletra–Pole into position with slight upward pressure. Electra–Pole shall be as manufactured by AVTEC INDUSTRIES INC., Weidman, MI.

Electra–Pole base shall be held firmly in place by:
[PICK ONE]

☐ Rubberized foot pad for use with carpet or soft finished floors.
☑ Alignment base and foot locator for use with tile or concrete floors, (installed by K.E.C.).

ACCESSORIES
Provide the following:
4 (qty) connection plates.
0 (qty) additional Ceiling Box Assemblies.

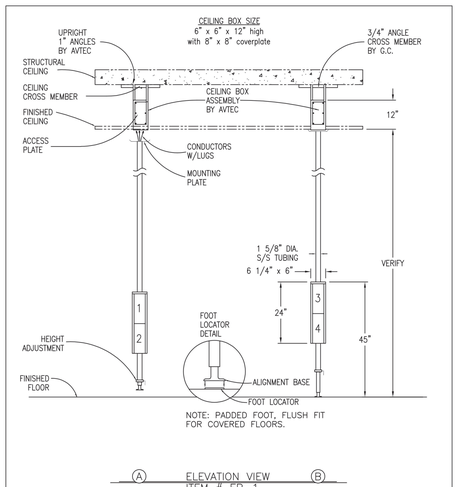
Service Requirements (125% of Capacity)	EP06 120/208/1ø
System Capacity kW	60 amps 9.98 KW

PRELIMINARY
NOT FOR CONSTRUCTION USE
Date: 01/24/25 ☐ Project File

DRAWN BY	DATE	CONTACT	WO#
ND	01/24/25	ROBINSON	------
MODEL NO.	SCALE	SALES ORDER #	
MIDE–A	NOTED	XXXXXX	
ENGINEERING/QUOTE NUMBER	SHEET		REVISION
2208788	1 or 3		*

PROJECT NAME
ROCKLAND BOCES
WEST NYACK, NY
ARCHITECT
ELITE STUDIOS
CONTRACTOR

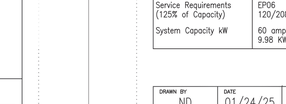
avtec
525 SOUTH COLDWATER RD., WEIDMAN, MI 48893 (989) 644–4223 (FAX) (800) 621–8560



NOTE: PADDED FOOT, FLUSH FIT FOR COVERED FLOORS.

A ELEVATION VIEW B
ITEM # EP–1

CONN NO.	ITEM NO.	UTILITY SCHEDULE EQUIPMENT DESCRIPTION	ELECTRIC KW	VOLTS/ø	BRKR AMP/ POLE	CONN TYPE	LENGTH IF CORD
1	–	DUPLEX CONV. OUTLET	1.90	120/1	20/1	DCO	–
2	–	MILK COOLER	0.86	120/1	15/1	DCO	–
3	–	DUPLEX CONV. OUTLET	1.90	120/1	20/1	DCO	–
4	–	DUPLEX CONV. OUTLET	1.90	120/1	20/1	DCO	–
		TOTAL:	6.56				



PLAN VIEW

CR=TURN & LOCK OUTLET
AR=STRAIGHT BLADE OUTLET
DCO=DUPLEX CONV. OUTLET

MULTI–CIRCUIT ELECTRA–POLE With Breaker

c UL us NSF

EQUIPMENT SPECIFICATIONS

Provide AVTEC Multi–Circuit Electra–Pole and matching Ceiling Terminal Enclosure. Assembly to be mounted in finished ceiling to provide one–point–connection to equipment. Electra–Pole shall connect to Ceiling Terminal Enclosure Assembly, lock against the floor, and be adjusted vertically by releasing a one–turn locking device. Electra–Pole shall be as manufactured by AVTEC INDUSTRIES INC., Weidman, MI.

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Electra–Pole base shall be held firmly in place by:
[PICK ONE]

☐ Rubberized foot pad for use with carpet or soft finished floors.
☑ Alignment base and foot locator for use with tile or concrete floors, (installed by K.E.C.).

ACCESSORIES
Provide the following:
4 (qty) connection plates.
0 (qty) additional Ceiling Box Assemblies.

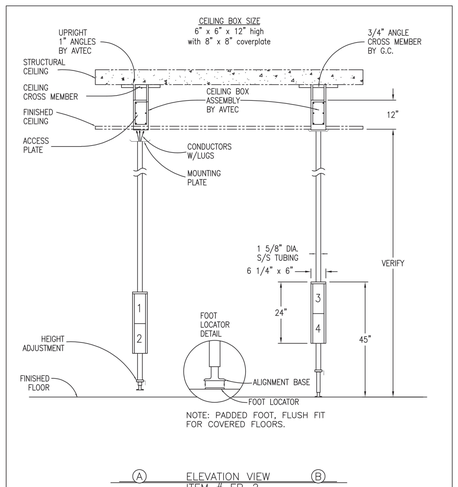
Service Requirements (125% of Capacity)	EP06 120/208/1ø
System Capacity kW	60 amps 9.98 KW

PRELIMINARY
NOT FOR CONSTRUCTION USE
Date: 01/24/25 ☐ Project File

DRAWN BY	DATE	CONTACT	WO#
ND	01/24/25	ROBINSON	------
MODEL NO.	SCALE	SALES ORDER #	
MIDE–B	NOTED	XXXXXX	
ENGINEERING/QUOTE NUMBER	SHEET		REVISION
2208788	2 or 3		*

PROJECT NAME
ROCKLAND BOCES
WEST NYACK, NY
ARCHITECT
ELITE STUDIOS
CONTRACTOR

avtec
525 SOUTH COLDWATER RD., WEIDMAN, MI 48893 (989) 644–4223 (FAX) (800) 621–8560



NOTE: PADDED FOOT, FLUSH FIT FOR COVERED FLOORS.

A ELEVATION VIEW B
ITEM # EP–2

CONN NO.	ITEM NO.	UTILITY SCHEDULE EQUIPMENT DESCRIPTION	ELECTRIC KW	VOLTS/ø	BRKR AMP/ POLE	CONN TYPE	LENGTH IF CORD
1	–	DUPLEX CONV. OUTLET	1.90	120/1	20/1	DCO	–
2	–	COLD FOOD STATION	1.00	120/1	15/1	DCO	–
3	–	DUPLEX CONV. OUTLET	1.90	120/1	20/1	DCO	–
4	–	COLD FOOD STATION	1.00	120/1	15/1	DCO	–
		TOTAL:	5.80				



PLAN VIEW

CR=TURN & LOCK OUTLET
AR=STRAIGHT BLADE OUTLET
DCO=DUPLEX CONV. OUTLET

MULTI–CIRCUIT ELECTRA–POLE With Breaker

c UL us NSF

EQUIPMENT SPECIFICATIONS

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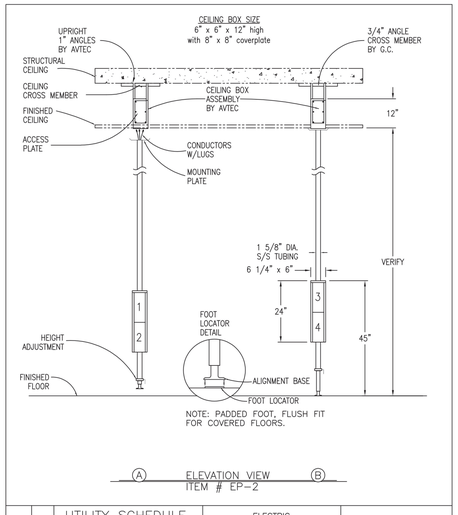
Service Requirements (125% of Capacity)	EP06 120/208/1ø
System Capacity kW	60 amps 9.98 KW

PRELIMINARY
NOT FOR CONSTRUCTION USE
Date: 01/24/25 ☐ Project File

DRAWN BY	DATE	CONTACT	WO#
ND	01/24/25	ROBINSON	------
MODEL NO.	SCALE	SALES ORDER #	
MIDE–C	NOTED	XXXXXX	
ENGINEERING/QUOTE NUMBER	SHEET		REVISION
2208788	3 or 3		*

PROJECT NAME
ROCKLAND BOCES
WEST NYACK, NY
ARCHITECT
ELITE STUDIOS
CONTRACTOR

avtec
525 SOUTH COLDWATER RD., WEIDMAN, MI 48893 (989) 644–4223 (FAX) (800) 621–8560



NOTE: PADDED FOOT, FLUSH FIT FOR COVERED FLOORS.

A ELEVATION VIEW B
ITEM # EP–2

CONN NO.	ITEM NO.	UTILITY SCHEDULE EQUIPMENT DESCRIPTION	ELECTRIC KW	VOLTS/ø	BRKR AMP/ POLE	CONN TYPE	LENGTH IF CORD
1	–	DUPLEX CONV. OUTLET	1.90	120/1	20/1	DCO	–
2	–	HOT FOOD BASE	2.06	120/1	30/1	AP	–
3	–	DUPLEX CONV. OUTLET	1.90	120/1	20/1	DCO	–
4	–	HOT FOOD BASE	2.06	120/1	30/1	AR	–
		TOTAL:	7.92				



PLAN VIEW

CR=TURN & LOCK OUTLET
AR=STRAIGHT BLADE OUTLET
DCO=DUPLEX CONV. OUTLET

ARCHITECT

ksqdesign

KSQ Architects PC dba KSQ Design
215 W 40th St - 15th flr
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Construction Manager:

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ROCKLAND BOCES
ROOTED IN THE COMMUNITY

ROCKLAND BOCES P-TECH C-TEC BUILDING

SED #: 50-90-00-00-0-044-001

65 PARROT RD,
WEST NYACK, NY 10994

KEY PLAN



REVISIONS

No.	Description	Date

ISSUED: BID SET ISSUANCE
DATE: 06/30/2025
SCALE:
SHEET NAME:
FOODSERVICE MISCELANEOUS DETAIL DRAWINGS (AVTEC)
SHEET NUMBER:

FS-760

BID SET

DRAWN BY: JH/DV
Last Saved By: JHoover
Autodesk Docs://1041 - Rockland BOCES - West Nyack NY - 2023/1041_Rockland BOCES NY_FS.rvt
6/12/2025 11:50:47 AM

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