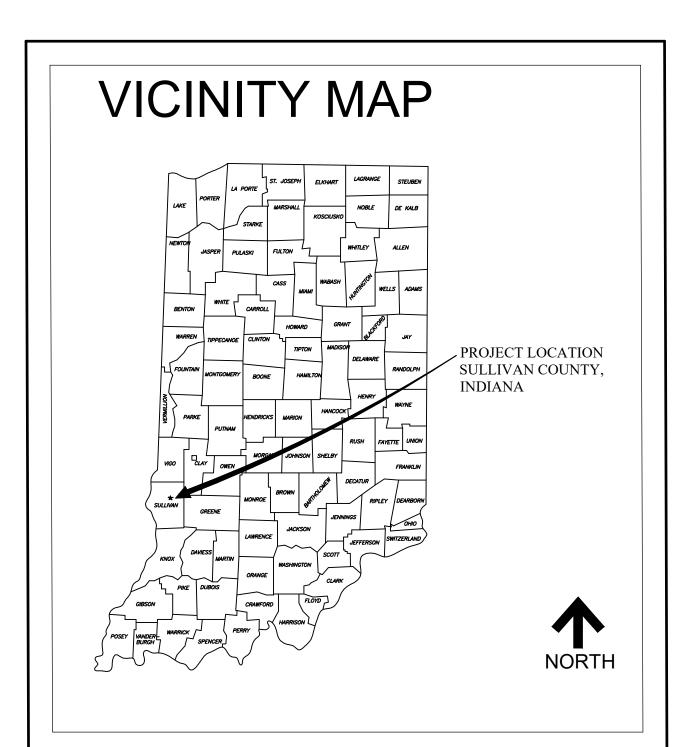
PROPOSED INSTRUCTIONS FOR:

910 EAST COUNTY RD 975 NORTH, FARMERSBURG, INDIANA 47850



PROJECT INFO.

FARMERSBURG, INDIANA 47850

PROJECT DESCRIPTION

REMODEL OF EXISTING KITCHEN **FACILITIES**

PLANNED SQUARE FOOTAGE

1,600 SF

CONSTRUCTION TYPE

OCCUPANCY

S-2 LOW-HAZARD STORAGE

GENERAL NOTES:

- 1. G.C. (GENERAL CONTRACTOR) SHALL REVIEW ALL DOCUMENTS AND FIELD VERIFY ALL ANY DISCREPANCIES OR OMISSIONS, ETC... SHALL BE REPORTED TO THE ARCHITECT
- ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CURRENT RULES AND CONSTRUED AS REQUIRING OR PERMITTING WORK CONTRARY TO THESE RULES. REGULATIONS AND CODES. REPORT ANY DISCREPANCIES BETWEEN DRAWINGS AND SPECIFICATIONS AND APPLICABLE REGULATIONS TO ARCHITECT IMMEDIATELY.
- THE DRAWINGS INDICATE LOCATIONS, DIMENSIONS, AND TYPICAL DETAILS OF CONSTRUCTION. THE DRAWINGS DO NOT ILLUSTRATE EVERY CONDITION. WORK NOT EXPLICITLY DETAILED IS ASSUMED TO BE OF CONSTRUCTION SIMILAR TO PARTS THAT ARE DETAILED. G.C. SHALL REPORT ANY DISCREPANCIES DISCOVERED TO THE ARCHITECT FOR
- ALL DIMENSIONS SHOWN IN DRAWING ARE BASED ON SPECIFIED MATERIALS AND EQUIPMENT. ANY CHANGES OR SUBSTITUTIONS MAY AFFECT DIMENSIONS. G.C. TO NOTIFY ARCHITECT BEFORE MAKING CHANGES.
- 5. G.C. TO COORDINATE ALL WORK WITH MECHANICAL, ELECTRICAL, PLUMBING AND FIRE-PROTECTION CONTRACTORS. G.C. SHALL SUBMIT ALL DRAWINGS TO THE ARCHITECT FOR REVIEW PRIOR TO CONSTRUCTION.
- 6. THE G.C SHALL COORDINATE AND COOPERATE WITH THE WORK OF SEPARATE CONTRACTORS.
- G.C. SHALL PROVIDE ALL SHOP DRAWINGS FOR FABRICATED ITEMS, CATALOG CUTS FOR ALL FIXTURES AND EQUIPMENT, AND SAMPLES OF AL FINISHES SPECIFIED TO THE ARCHITECT FOR APPROVAL THREE (3) WEEKS PRIOR TO FABRICATION AND/OR
- ALL FIRE RESISTIVE ASSEMBLIES SHALL BE MAINTAINED AT ALL MECHANICAL, ELECTRICAL, AND PLUMBING WALL PENETRATIONS THROUGH THE USE OF FIRE STOP MATERIAL AT THESE LOCATIONS USING THE APPROPRIATE FIRE RATED ASSEMBLIES.



LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (INCLUDING, BUT NOT LIMITED TO, MANHOLES, INLETS, VALVES, AND MARKS MADE UPON THE GROUND BY OTHERS) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF SAID EXISITNG UNDERGROUND UTILITIES SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND

CALL 811 OR 1-800-382-5544 48 HOURS BEFORE DIGGING

CONTACT INFORMATION

OWNER:

CM

815 Swan Street

HANNIG CONSTRUCTION, INC

CONTACT: Mr. Shawn Schauber

R.E. DIAMOND ASSOCIATES, INC.

732 North Capitol Avenue

Indianapolis, Indiana 46204

E-MAIL: sschauber@hannigconstruction.com

MEP ENGIN'G.

dale.warner@redimond.com

Terre Haute, Indiana 47807

NORTH CENTRAL HIGH SCHOOL 910 East County Road 975 North Farmersburg, Indiana 47850

bakerm@nesc.k12.in.us CONTACT: Dr. Mark A. Baker

ARCHITECT:

24 South 5th Street Terre Haute, Indiana 47807

FOOD SERV.

C & T DESIGN AND EQUIPMENT COMPANY

Indianapolis, Indiana 46210 CONTACT: Mr. Randy Truitt

BUILDING CODES:

GENERAL ADMINISTRATIVE RULES: (675-IAC-12)

INDIANA BUILDING CODE, 2014 EDITION: (675-IAC-13-2.6 IBC) BASED ON; 2012 INTERNATIONAL BUILDING CODE (1ST PRINTING), ANSI A117.1-2009, WITH INDIANA AMENDMENT, EFFECTIVE DECEMBER 1, 2014

INDIANA RESIDENTIAL CODE 2005 EDITION: (675-IAC-14-4.3) BASED ON: 2003 INTERNATIONAL RESIDENTIAL CODE, WITH INDIANA AMENDMENTS, EFFECTIVE

INDUSTRIALIZED BUILDING SYSTEMS: (675-IAC-15-1.1 THROUGH 15-1.7) EFFECTIVE SEPTEMBER 17, 2005

INDIANA PLUMBING CODE 2012 EDITION: (675-IAC-16-1.4P) BASED ON: 2006 INTERNATIONAL PLUMBING CODE WITH INDIANA AMENDMENTS, EFFECTIVE DECEMBER 24, 2012

INDIANA ELECTRICAL CODE 2009 EDITION: (675-IAC-17-1.8 IEC) BASED ON: 2008 NATIONAL ELECTRICAL CODE (1ST PRINTING) WITH INDIANA AMENDMENTS, EFFECTIVE AUGUST 26, 2009

INDIANA MECHANICAL CODE 2014 EDITION: (675-IAC-18-1.6 IMC) BASED ON: 2012 INTERNATIONAL MECHANICAL CODE (1ST PRINTING) WITH INDIANA AMENDMENTS, EFFECTIVE DECEMBER 1, 2014

INDIANA ENERGY CONSERVATION CODE 2010, (675 IAC 19-4), (ASHRAE 90.1 2007 EDITION, AS AMENDED)

INDIANA SAFETY CODE FOR ELEVATORS, ESCALATORS, MAN LIFTS AND HOISTS; (675-IAC-21-11-2 SCEEMH) BASED ON: AUTOMATED PEOPLE MOVER-PART 1, PART 2, AND PART 3, ANSI/ASCE/T &DI 21-08, AS AMENDED EFFECTIVE APRIL 13, 2011

INDIANA FIRE PREVENTION CODE: (675-IAC-22-2.5 IFC) BASED ON: 2012 INTERNATIONAL FIRE CODE, (1ST PRINTING) WITH INDIANA AMENDMENTS, EFFECTIVE DECEMBER 1, 2014.

INDIANA SUPPLEMENTARY FIRE SAFETY RULES: (675-IAC-24-1 SFSR) EFFECTIVE

INDIANA FUEL GAS CODE 2014: (675-IAC-25-3 IFGC) BASED ON: 2012 INTERNATIONAL FUEL GAS CODE (2ND PRINTING), WITH INDIANA AMENDMENTS, EFFECTIVE DECEMBER 1, 2014

PLUMBING

#	DRAWING NAME	REV. 1	REV. 2	REV.
PM0.0	SYMBOLS, ABBREVIATIONS AND GENERAL NOTES			
PD1.0	KITCH./DINING UNDER SLAB PLAN - PLUMBING DEMOLITION			
PD2.0	KITCH./DINING FLOOR PLAN - PLUMBING			
P1.0	KITCH./DINING UNDERSLAB PLAN - PLUMBING			
P2.0	KITCH./DINING FLOOR PLAN - PLUMBING			
P2.2	ROOF PLAN - PLUMBING			
P4.0	DETAILS - PLUMBING			

REV. 1 REV. 2 REV. 3

MECHANICAL

DRAWING INDEX:

ARCHITECTURAL

DRAWING NAME

A1.0 | ARCHITECTURAL SITE PLAN

A2.0 PLANS + ELEVATIONS

#	DRAWING NAME	REV. 1	REV. 2	REV. 3
MD2.0	KITCH./DINING FLOOR PLAN - MECHANICAL DEMOLITION			
M2.0	KITCH./DINING FLOOR PLAN - AIR DISTRIBUTION			
M6.0	SCHEDULES - AIR DISTRIBUTION			

ELECTRICAL

				-
#	DRAWING NAME	REV. 1	REV. 2	REV. 3
0.0	SYMBOLS, ABBREV. AND GENERAL NOTES - ELECTRICAL			
ED2.0	KITCH./DINING FLOOR PLAN - ELCTRICAL DEMOLITION			
E1.0	OVERALL PLAN - CONDUIT ROUTING			
E2.0	KITCH./DINING FLOOR PLAN - LIGHTING			
Ξ2.1	KITCH./DINING FLOOR PLAN - POWER AND SIGNALS			
E3.0	KITCHEN EQUIPMENT SCHEDULES - ELECTRICAL			
E6.0	SCHEDULES - ELECTRICAL			

FOOD SERVICE

#	DRAWING NAME	
FS1.0	FOOD SERVICE EQUIPMENT	
FS1.1	MASTER FOOD SERVICE SCHEDULE	
FS2.0	ELECTRICAL ROUGH-IN PLAN	
FS3.0	PLUMBING ROUGH-IN PLAN	
FS4.0	SPECIAL CONDITIONS PLAN	
FS5.0	FOOD SERVICE HOOD SHOP DRAWING	
FS5.1	FOOD SERVICE HOOD SHOP DRAWING	
FS5.2	FOOD SERVICE SERVING LINE SHOP DRAWING	
FS6	FOOD SERVICE ISOMETRIC VIEW	
FS6.1	FOOD SERVICE ELEVATIONS	
FS6.2	FOOD SERVICE ELEVATIONS	

ALTERNATES:

ALTERNATE 1

REPLACE TOILET AND SINK IN RESTROOM 127A

24 South 5th Street

Terre Haute, Indiana

ph. 812.235.1300 www.holderdesign.net

SCOPE DOCUMENT

SCOPE OF THE PROJECT IN TERMS O ARCHITECTURAL DESIGN CONCEPT. T DIMENSIONS OF THE BUILDING. THE IAJOR ARCHITECTURAL ELEMENTS AN THE TYPE OF STRUCTURAL MECHANICAL AND ELECTRICAL SYSTEMS, AS SCOPE DOCUMENTS, TH

DRAWINGS DO NOT NECESSARILY NDICATE OR DESCRIBE ALL WORK THA AND COMPLETION OF THE

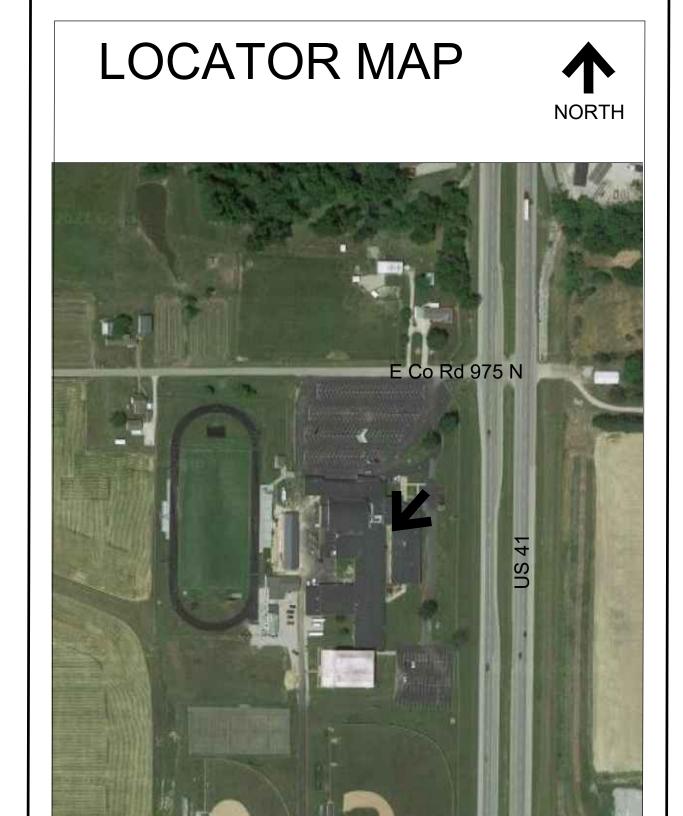
REQUIREMENTS OF THE CONTRACT

FOR THE PROPER EXECUTION AND

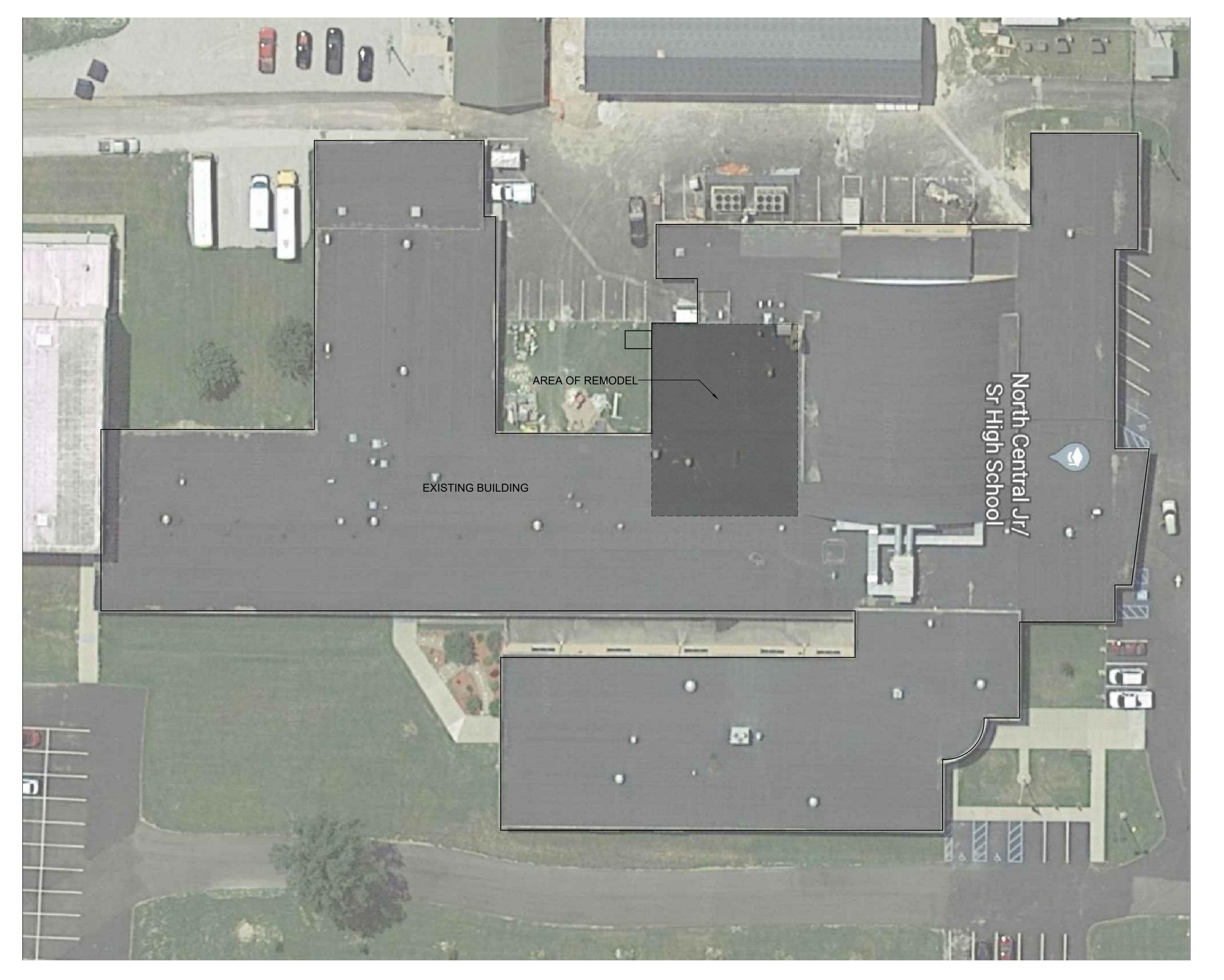
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A0.0











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SCOPE DOCUMENT

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THE SEALS) AND SIGNATURE(S) APPLY ONLY TO THE DOCUMENT TO WHICH THEY ARE AFFIXED AND WE EXPRESSLY DISCLAIM ANY RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT.

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OSED INSTRUCTIONS FOR:

ENTRAL HIGH SCHOOL

CHEN REMODEL

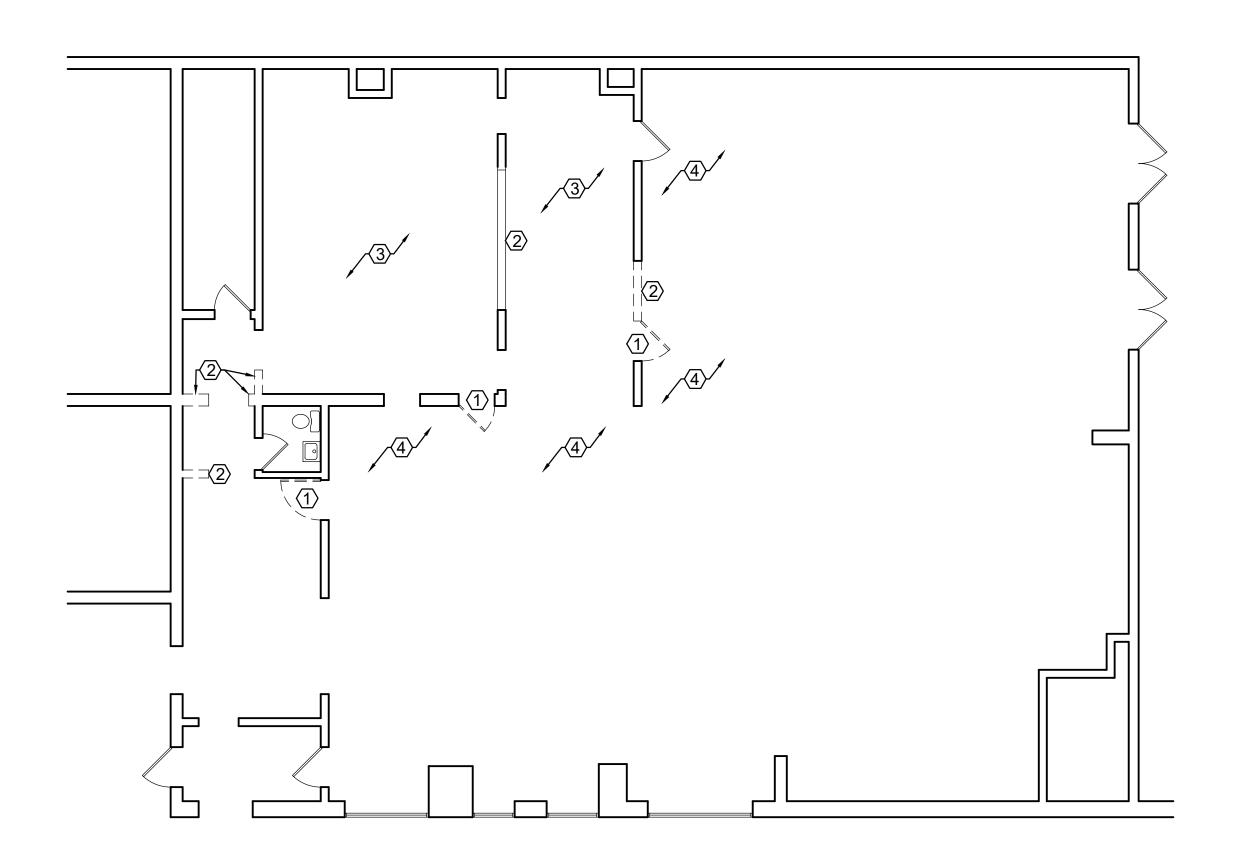
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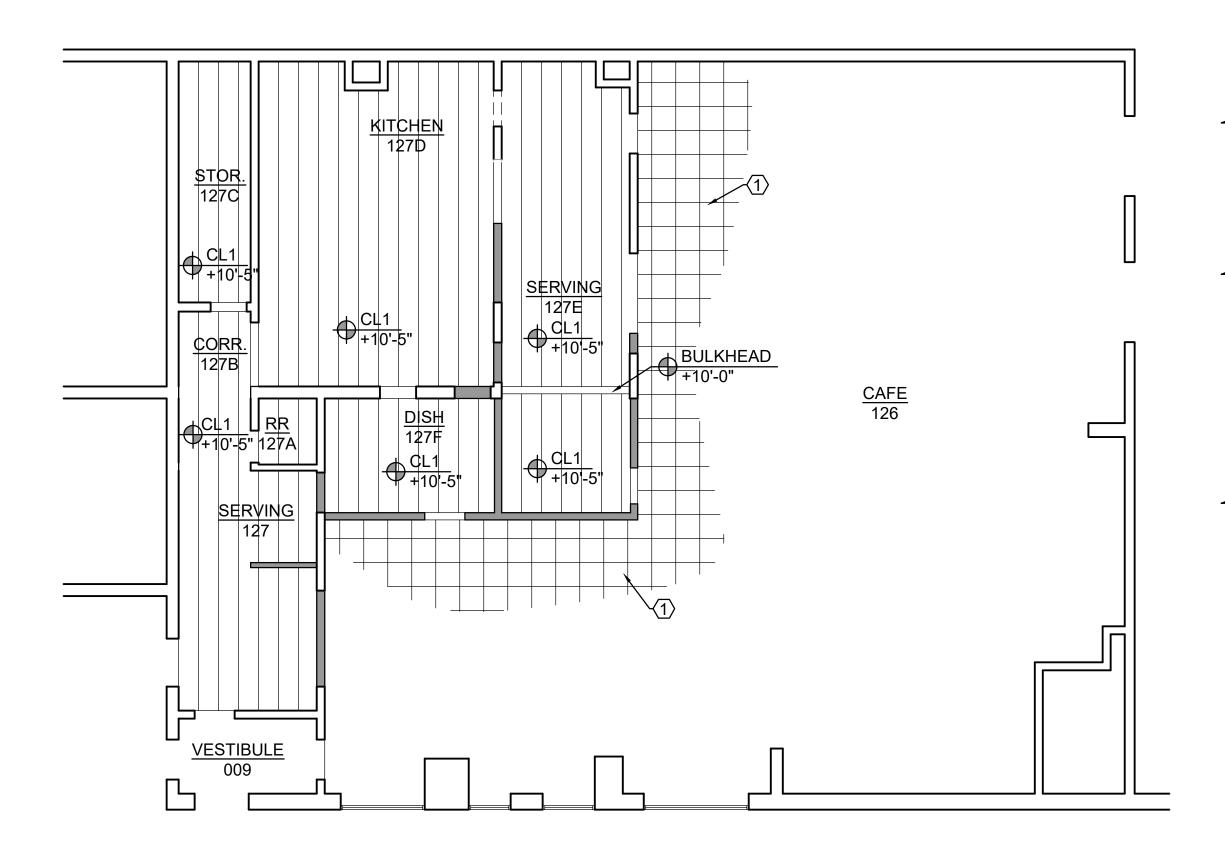
A1.0

Дов NO. A21-045



DEMOLITION PLAN NOTES:

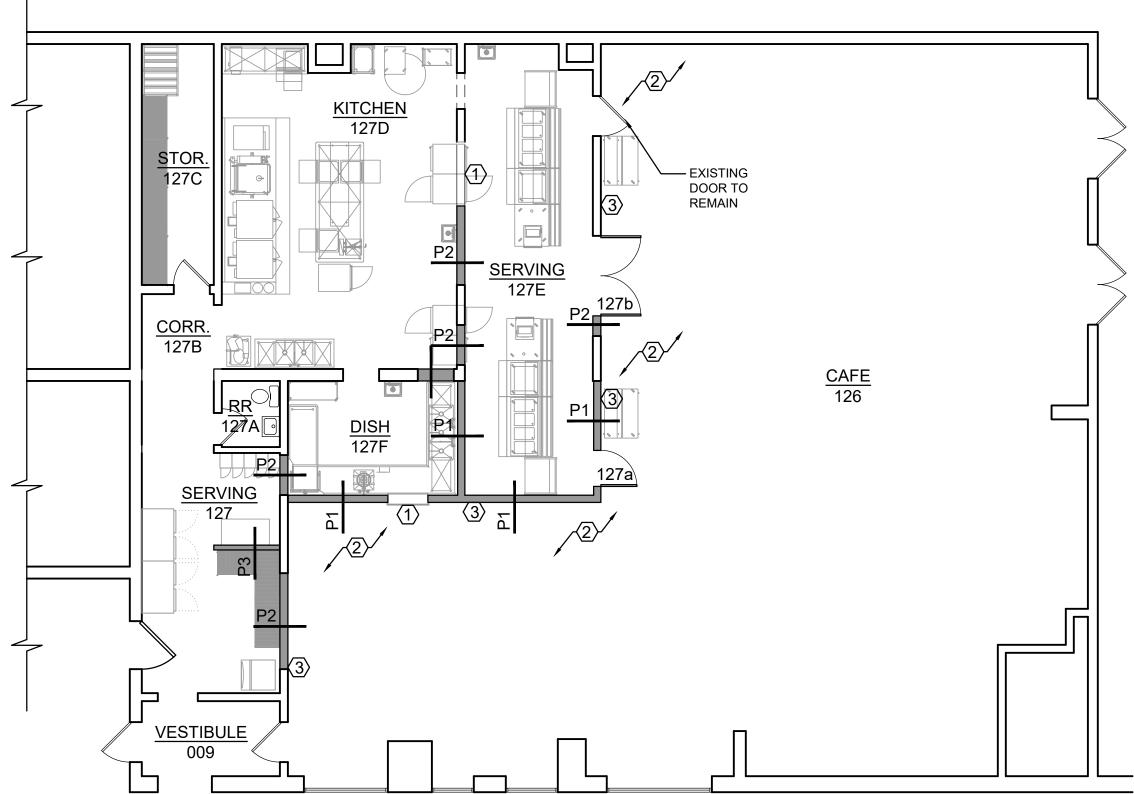
- (1) REMOVE EXISTING DOOR & FRAME COMPLETE. PREP OPENING FOR WALL INFILL.
- REMOVE EXISTING WALL COMPLETE. PATCH AS REQUIRED FOR NEW FINISH.
- (3) COORDINATE REMOVAL OF KITCHEN EQUIPMENT WITH NEW KITCHEN EQUIPMENT SUPPLIER AND OWNER. OWNER HAS FIRST RIGHT SALVAGE OF ALL MATERIALS
- (4) CAREFULLY REMOVE ALL AFFECTED VCT FLOOR AND ACT IN THE CAFE AREA. COORDINATE REPLACEMENT OF TILE AND ALL ASSOCIATED CEILING COMPONENT PIECES WITH MEP DRAWINGS.



REFLECTED CEILING PLAN NOTES

PATCH IN EXISTING CEILING TILE IN CAFE AREA WITH TILE TO MATCH EXISTING ADJACENT AS CLOSELY AS POSSIBLE





FLOOR PLAN NOTES:

- (1) COORDINATE PASS-THRU OPENING WITH KITCHEN EQUIPMENT SUPPLIER
- 2 PATCH IN EXISTING FLOOR TILE IN CAFE AREA WITH TILE TO MATCH EXISTING ADJACENT AS CLOSELY AS POSSIBLE

NEW MAKEUP AIR UNIT - REFER TO MEP FOR SIZE, ORIENTATION AND LOCATION.

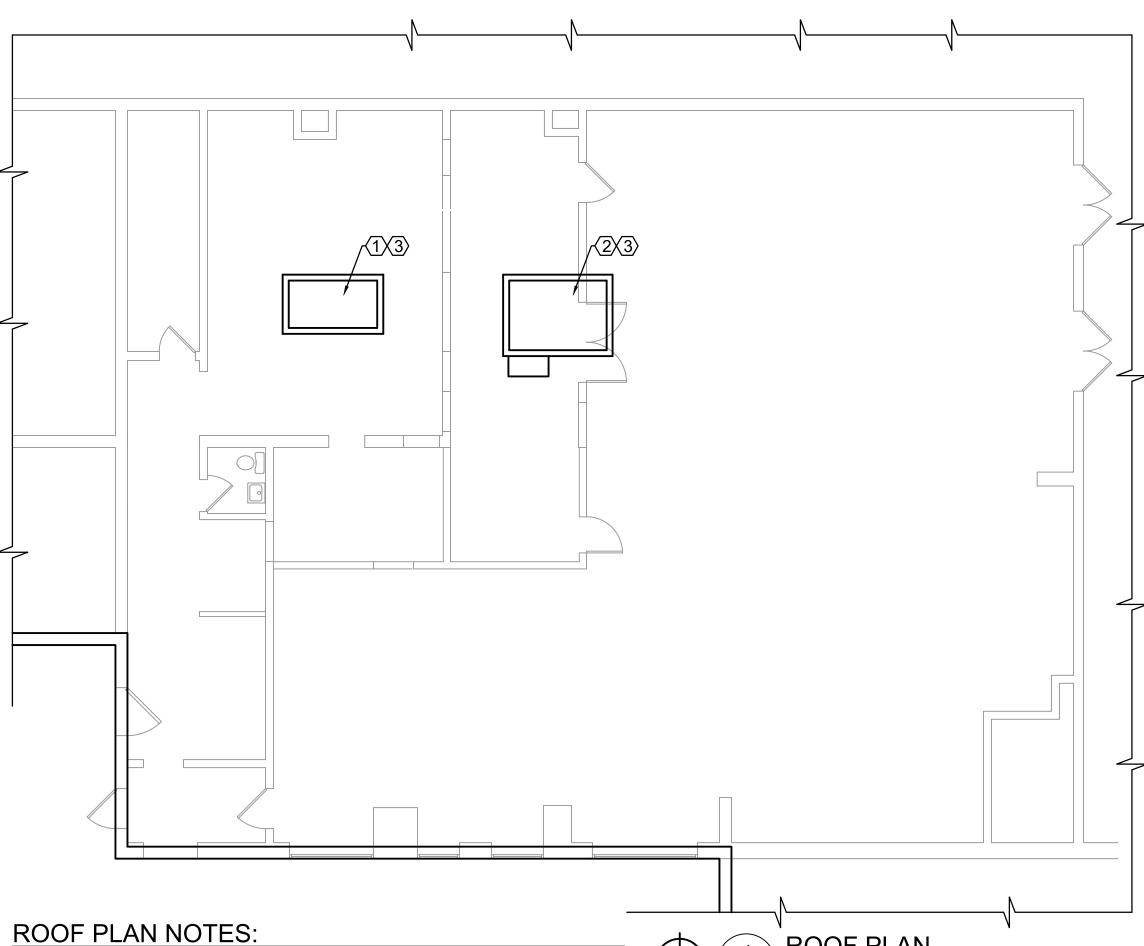
(3) CONTRACTOR TO COORDINATE PLACEMENT OF NEW ROOF TOP UNITS TO ASSURE

THAT ROOF IS STRUCTURALLY CAPABLE OF SUPPORTING NEW LOAD FROM RTU AND MAKE UP AIR UNITS.NEW RTU WEIGHS APPROXIMATELY 1200 LBS AND WILL NEED TO BE

NEW RTU - REFER TO MEP FOR EXACT SIZE, ORIENTATION AND LOCATION.

MOUNTE ON RAILS 7 1/2'-0" LONG BY 4 1/2" WIDE.

(3) EXISTING PAINTED STRIPE TO BE CONTINUED ON NEW CONSTRUCTION



4 ROOF PLAN

A2.0 SCALE: 1/8" = 1'-0"

GENERAL NOTES:

PARTITIONS ARE DIMENSIONED FROM FACE OF STUD OR MASONRY, UNLESS NOTED OTHERWISE. REFER TO WALL TYPES FOR PARTITION THICKNESS.

PROVIDE WOOD BLOCKING SUPPORT AT ALL SURFACE MOUNTED ITEMS MOUNTED TO FACE OF

PROVIDE MISCELLANEOUS METAL SUPPORTS FOR ALL CEILING SUPPORTED ITEMS.

ALL PLUMBING FIXTURES TO BE LOCATED IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL

CAULK ALL TOILET FIXTURES TO WALL USING CLEAR SILICONE SEALANT.

PROVIDE WATER RESISTIVE DRYWALL IN ALL WET LOCATIONS.

PROVIDE MISCELLANEOUS METAL SUPPORTS FOR ALL CEILING SUPPORTED ITEMS.

PROVIDE AND INSTALL FIRE EXTINGUISHERS AND OR CABINETS, OWNER APPROVED, AS REQUIRED BY ALL APPLICABLE CODES

FEC CABINETS TO BE MOUNTED SO THE EXTINGUISHER HANDLE TO BE AT 48" A.F.F.

PROVIDE AND INSTALL PANIC HARDWARE AND ALL RELATED COMPONENTS AT ALL LOCATIONS REQUIRED BY LOCAL, STATE AND FEDERAL CODES.

FIELD VERIFY ALL DIMENSIONS. FIELD VERIFY AND COORDINATE WITH ALL EXISTING CONDITIONS.

FIRESTOPPING, IF NECESSARY, TO BE BY CONTRACTOR MAKING THE PENETRATION

KEY:

PROPOSED FLOOR PLAN

- - - DEMO



EXISTING PARTITIONS TO REMAIN

NEW PARTITIONS PARTITION TYPES:

P1 TYPICAL PARTITION

6" METAL STUDS @ 16" O.C. WITH SOUND BATT AND 5/8" GYPSUM WALLBOARD EACH SIDE. EXTEND STUDS AND GYPSUM BOARD TO UNDERSIDE OF DECK. USE WATER RESISTANT GYPSUM WALL BOARD AT ALL WET WALL LOCATIONS.

P2 TYPICAL PARTITION

PATCH CMU WALL. PATCH WITH SIMILAR BLOCK, SIZE, SHAPE, ... TO MATCH AS CLOSELY AS POSSIBLE

P3 TYPICAL PARTITION

3-5/8" METAL STUDS @ 16" O.C. WITH SOUND BATT AND 5/8" GYPSUM WALLBOARD EACH SIDE. EXTEND STUDS AND GYPSUM BOARD TO UNDERSIDE OF DECK. USE WATER RESISTANT GYPSUM WALL BOARD AT ALL WET WALL LOCATIONS.

D	OC	R &	FR	AM	E SCHEDULE					
					DOOR	FRA	ME			
	111		SIZE				111			
DOOR NUMBER	DOOR TYPE	THICK	WIDTH	НЕІСНТ	FAMILY AND TYPE	ELEVATION	HARDWARE	MATERIAL	ELEVATION	NOTES
127a	1	1 3/4"	3'-0"	7'-0"	SCW Slab/ Single-Flush	D1	-	НМ	F1	
127b	1	1 3/4"	6'-8"	7'-0"	SCW Slab/ Double-Flush	D1	-	НМ	F2	VP DBL DOORS

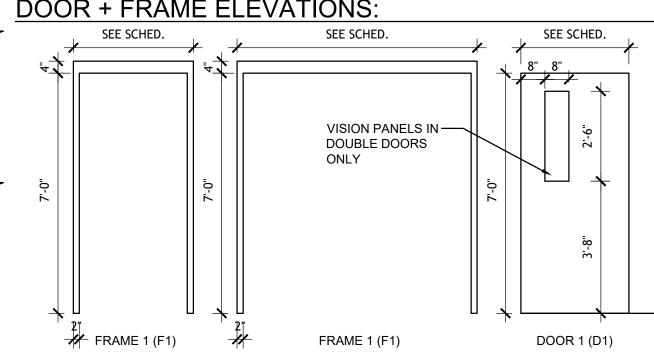
1. SOLID CORE WOOD SLAB DOOR, PAINTED - COLOR BY OWNER

- MATCH EXISTING TYPICAL FACILITY HARDWARE. KEYWAY BY OWNER

- CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5LBF.

NOTE:
- ALL EXISTING DOORS AND FRAMES TO BE PAINTED TO MATCH NEW

DOOR + FRAME ELEVATIONS:



FINISH SPECIFICATIONS:

- E1 = GENERAL POLYMERS GP3746 WITH VINYL FLAKES AND 4" INTEGRATED BASE, MANUFACTURED BY TORGINOL.
- COLOR SELECTED BY OWNER FROM STANDARD COLORS
- B1 = FLOOR BASE TO MATCH EXISTING ADJACENT P1 = SHERWIN WILLIAMS, PRO INDUSTRIAL WATER BASED CATALYZED EPOXY, COLOR BY OWNER
- P2 = SHERWIN WILLIAMS, PRO MAR 200 LOW VOC, COLOR BY OWNER CL1 = EXISTING METAL PANEL CEILING, CONTRACTOR TO APPLY NEW PAINT FINISH, COLOR BY OWNER

NOTE:
EXISTING FINISHES SHALL BE PROTECTED IF MATERIALS ARE STORED OR WHEN TRANSPORTING IN + OUT OF

1 1							
	VESTIBULE FLOOR: WALLS: BASE: CEILING:	E 009: EXISTING EXISTING EXISTING EXISTING	CORR 127B FLOOR: WALLS: BASE: CEILING:	8: E1 P1 E1 CL2	SERVING 12 FLOOR: WALLS: BASE: CEILING:	2 7E: E1 P1 E1 CL1 + CL2	
	SERVING 1 FLOOR: WALLS: BASE: CEILING:	27: E1 P1 E1 CL2	STORAGE 1 FLOOR: WALLS: BASE: CEILING:	127C: E1 P1 E1 CL2	DISH 127F: FLOOR: WALLS: BASE: CEILING:	E1 P1 E1 CL1	
	RR 123: FLOOR: WALLS: BASE: CEILING:	EXISTING EXISTING EXISTING EXISTING	KITCHEN 12 FLOORS: WALLS: BASE: CEILING:	27D: E1 P1 E1 CL2	CAFE 126: FLOOR: WALLS: BASE: CEILING:	EXISTING P2 B1 EXISTING	



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SCOPE DOCUMENT

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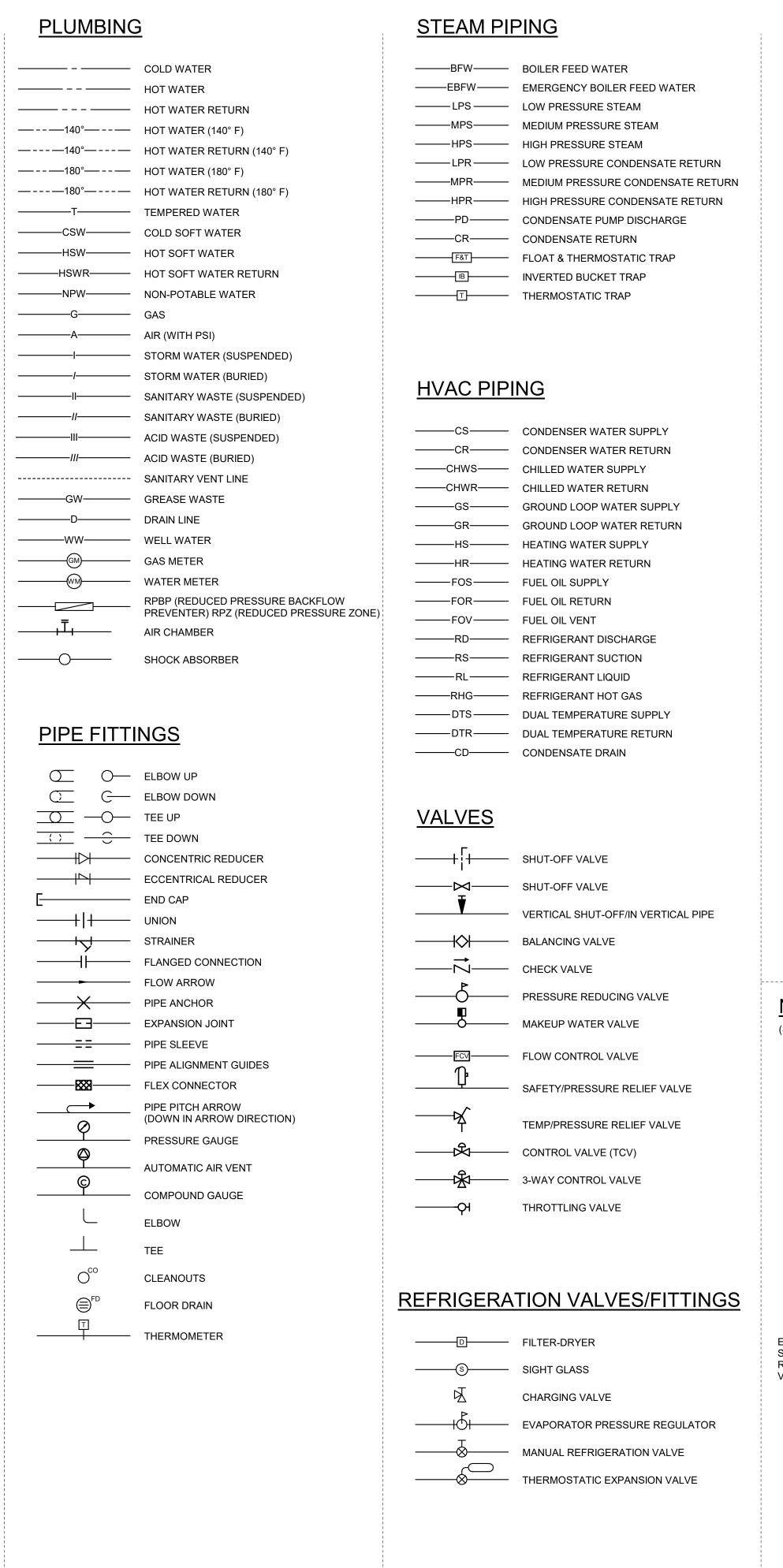
COMPLETION OF THE WORK.

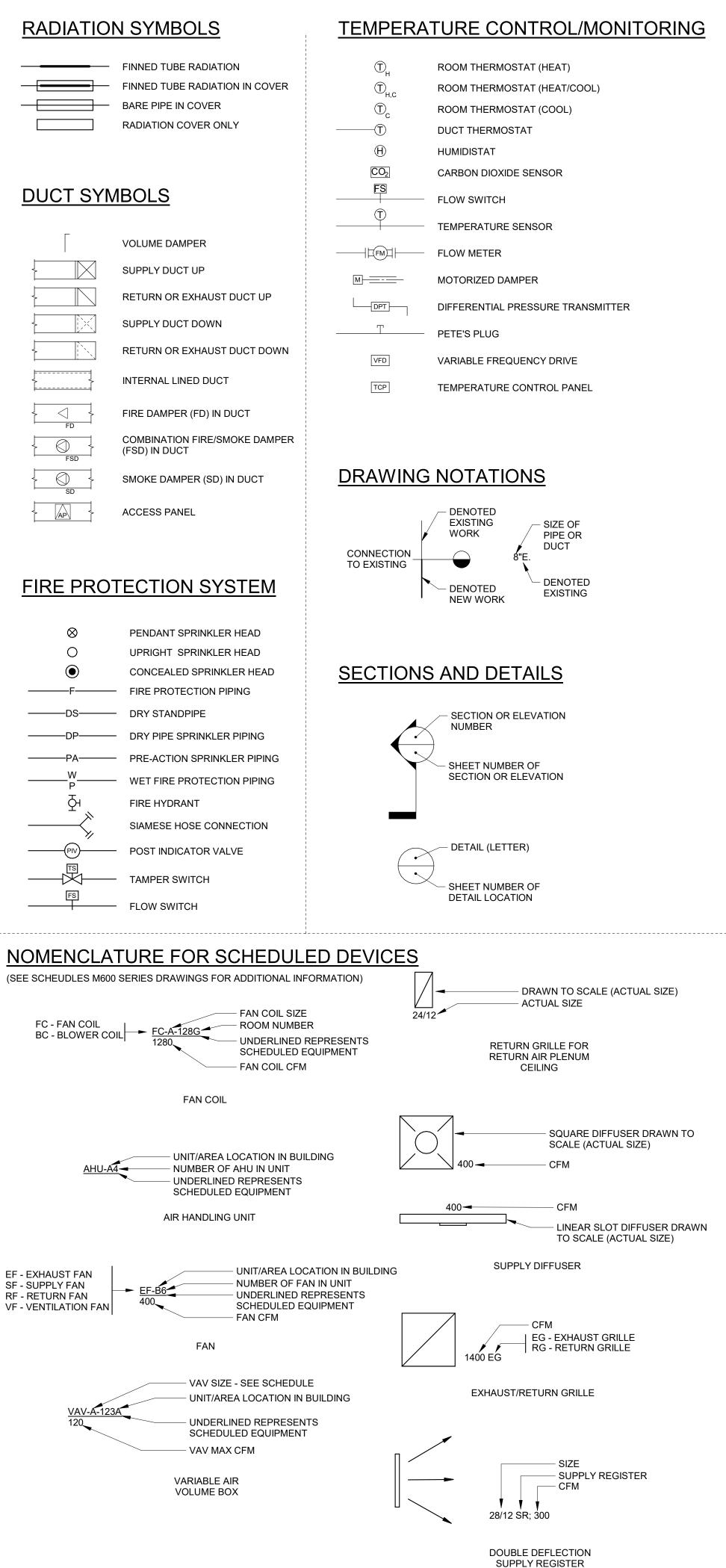


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ABBREVIATIONS AREA DRAIN AUTOMATIC FLOW CONTROL ABOVE FINISHED FLOOR AIR HOSE REEL AIR HANDLING UNIT ALTERNATE **ACCESS PANEL** AIR SEPARATOR BLOWDOWN BACKDRAFT/PRESSURE RELIEF DAMPER BDD BTU **BRITISH THERMAL UNIT** BALANCE VALVE CATCH BASIN CAST IRON CENTERLINE CO CLEANOUT CLOSET FLANGE CONDENSATE CONF HYDRONIC CONVECTOR CONV CUH CABINET UNIT HEATER CW COLD WATER DB DRY BULB DRINKING FOUNTAIN DIA DIAMETER DIFF DIFFUSER DS DOWNSPOUT DIRECT EXPANSION COOLING COIL DXC EXHAUST AIR **ENTERING AIR TEMPERATURE** EAT **ELECTRIC BASEBOARD RADIATION** ELECTRICAL CONCTRACTOR EXHAUST GRILLE **ELECTRIC CONVECTOR** ELECTRIC CABINET UNIT HEATER ECUH EXHAUST FAN ELECTRICAL ELEVATION ELEV END OF MAIN DRIP EOM ELECTRIC PROPELLER UNIT HEATER EXHAUST REGISTER ELECTRIC RADIANT CEILING PANEL EXTERNAL STATIC PRESSURE **ELECTRIC WATER COOLER** EWC ELECTRIC WATER HEATER **EXPT EXPANSION TANK EXISTING** EXISTING TO REMAIN FLOOR DRAIN OR FIRE DAMPER FLOOR SINK **FPVAV** FAN POWERED VAV FOB FLAT ON BOTTOM COMBINATION FIRE/SMOKE DAMPER HYDRONIC FINNED TUBE RADIATION GC GENERAL CONTRACTOR GEN **GENERAL** HOSE BIBB HTG HEATING **HOT WATER** HW HWR HOT WATER RETURN HYD WALL HYDRANT INTERNAL DIAMETER INVERTED ELEVATION LEAVING AIR TEMPERATURE LAVATORY 1000 BTU/HOUR MECH MECHANICAL MANHOLE MECHANICAL CONTRACTOR MOP SINK AUTOMATIC MAKE-UP VALVE NORMALLY CLOSED NORMALLY OPEN OUTSIDE AIR OUTSIDE AIR DAMPER OPPOSED BLADE DAMPER OBD OUTSIDE DIAMETER OVERFLOW ROOF DRAIN OPEN SITE DRAIN PLATE AND FRAME HEAT EXCHANGER POST INDICATOR VALVE PLBG PLUMBING PRESSURE REDUCING VALVE PUH PROPELLER UNIT HEATER RETURN AIR DAMPER HYDRONIC RADIANT CIELING HEATING PANEL RCP REINFORCED CONCRETE PIPE **ROOF DRAIN** RECIRCULATING RETURN GRILLE REDUCED PRESSURE BACKFLOW PREVENTER RETURN REGISTER **ROOF INTAKE VENT ROOF RELIEF VENT** SUPPLY AIR SANITARY SMOKE DAMPER SG SUPPLY GRILLE SHOWER DRAIN SUPPLY REGISTER STAINLESS STEEL STHX SHELL AND TUBE HEAT EXCHANGER TEMPERATURE CONTROL CONTRACTOR TEMPERATURE CONTROL PANEL TRANSFER GRILLE TRANSFER OPENING TRAP PRIMER LINE TYPICAL URINAL VARIABLE AIR VOLUME VETRIFIED CLAY PIPE **VOLUME DAMPER** VARIABLE FREQUENCY DRIVE VENT STACK VSD VARIABLE SPEED DRIVE **VENT THROUGH ROOF**

WET BULB

WATER CLOSET WASTE STACK

WC

GENERAL NOTES

- 1. THESE NOTES APPLY TO EACH AND EVERY 'M' AND 'P' SERIES DRAWINGS.
- 2. ALL NEW WORK IS DRAWN DARK. ALL WORK DRAWN LIGHT AND FOLLOWED BY (E.) IS EXISTING.
- 3. ALL WORK SHALL REMAIN UNLESS SPECIFICALLY NOTED OTHERWISE.
- 4. FIELD VERIFY ALL EXISTING CONDITIONS AS TO EXACT SERVICE, LOCATION, TYPE OF MATERIAL, ETC. BEFORE BIDDING AND BEFORE BEGINNING RENOVATION WORK.
- 5. COORDINATE ALL SHUT-DOWNS, DELIVERY, AND STORAGE OF MATERIALS, ETC. WITH OWNER'S REPRESENTATIVE.
- 6. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WORK WITH ALL OTHER TRADES. SEE SPECIFICATION FOR ADDITIONAL REQUIREMENTS RELATED TO
- 7. CONTRACTORS SHALL PROTECT ALL EXISTING OWNER FACILITIES DURING CONSTRUCTION. ANY AND ALL OWNER FACILITIES DAMAGED OR DISCONNECTED BY CONTRACTOR OPERATIONS SHALL BE FULLY RESTORED TO PREVIOUS OPERATING
- 8. PROVIDE SLEEVES FOR ALL PIPING AND DUCTWORK THAT PENETRATE WALLS, WHETHER SHOWN OR NOT. HOLES THROUGH EXISTING WALLS TO BE CORE
- 9. ALL UNDERLINED EQUIPMENT IS SCHEDULED. SEE M6.0, P6.0 AND FP6.0 SERIES DRAWINGS FOR SCHEDULES.
- 10. REFERENCE M6.0 AND P4.0 SERIES DRAWINGS FOR TYPICAL AND SPECIFIC

DRILLED OR DRILLED WITH HOLE SAW. SEE SPECIFICATIONS.

AND APPEARANCE CONDITION BY CONTRACTOR.

VALVES MUST BE ACCESSIBLE.

- INSTALLATION REQUIREMENTS FOR EQUIPMENT, ETC. 11. SMOKING, ALCOHOL, DRUGS, WEAPONS, AND CONTRABAND ARE STRICTLY
- FORBIDDEN ON JOB SITE PROPERTY. 12. CONTRACTOR SHALL BE RESPONSIBLE FOR CORE DRILLING AND CUTTING HOLES THROUGH WALLS AND FLOORS AS REQUIRED TO INSTALL NEW PIPING AND
- DUCTWORK, WHETHER SHOWN OR NOT. 13. FIELD VERIFY EXACT SIZES OF EXISTING PIPING AND DUCTWORK SYSTEMS SHOWN TO BE CONNECTED TO NEW WORK. IN THE EVENT ACTUAL SIZE IS DIFFERENT THAN
- 14. LOCATE AIR TERMINAL BOXES, VALVES, METERS, GAUGES, DAMPERS, FANS, ETC., ABOVE LAY-IN CEILING OR IN EXPOSED AREAS. ALL ITEMS REQUIRING SERVICE AND

SHOWN ON DRAWINGS, CONTACT ENGINEER FOR DIRECTION PRIOR TO ANY WORK.

- 15. DO NOT INSTALL DEVICES WHICH REQUIRE SERVICE BEHIND WALLS OR PLASTER CEILINGS OR BAR JOISTS.
- 16. ALL PLUMBING AND MECHANICAL PIPING AND INSULATION MATERIALS INSTALLED IN CEILING RETURN AIR PLENUMS SHALL COMPLY WITH ASTM E84 FOR FLAME-SPREAD RATING OF 25 OR LESS AND SMOKE-DEVELOPED RATING OF 50 OR LESS.
- 17. ADDITIONAL GENERAL NOTES SPECIFIC TO A PARTICULAR DRAWING ARE NOTED ON THOSE DRAWINGS.

HOLDER DESIGN, INC

Terre Haute, Indiana ph. 812.235.1300 www.holderdesign.net

24 South 5th Street

SCOPE DOCUMENT

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SHALL FURNISH ALL ITEMS REQUIRED

FOR THE PROPER EXECUTION AND

COMPLETION OF THE WORK.

Consulting Engineers 732 North Capitol Avenue

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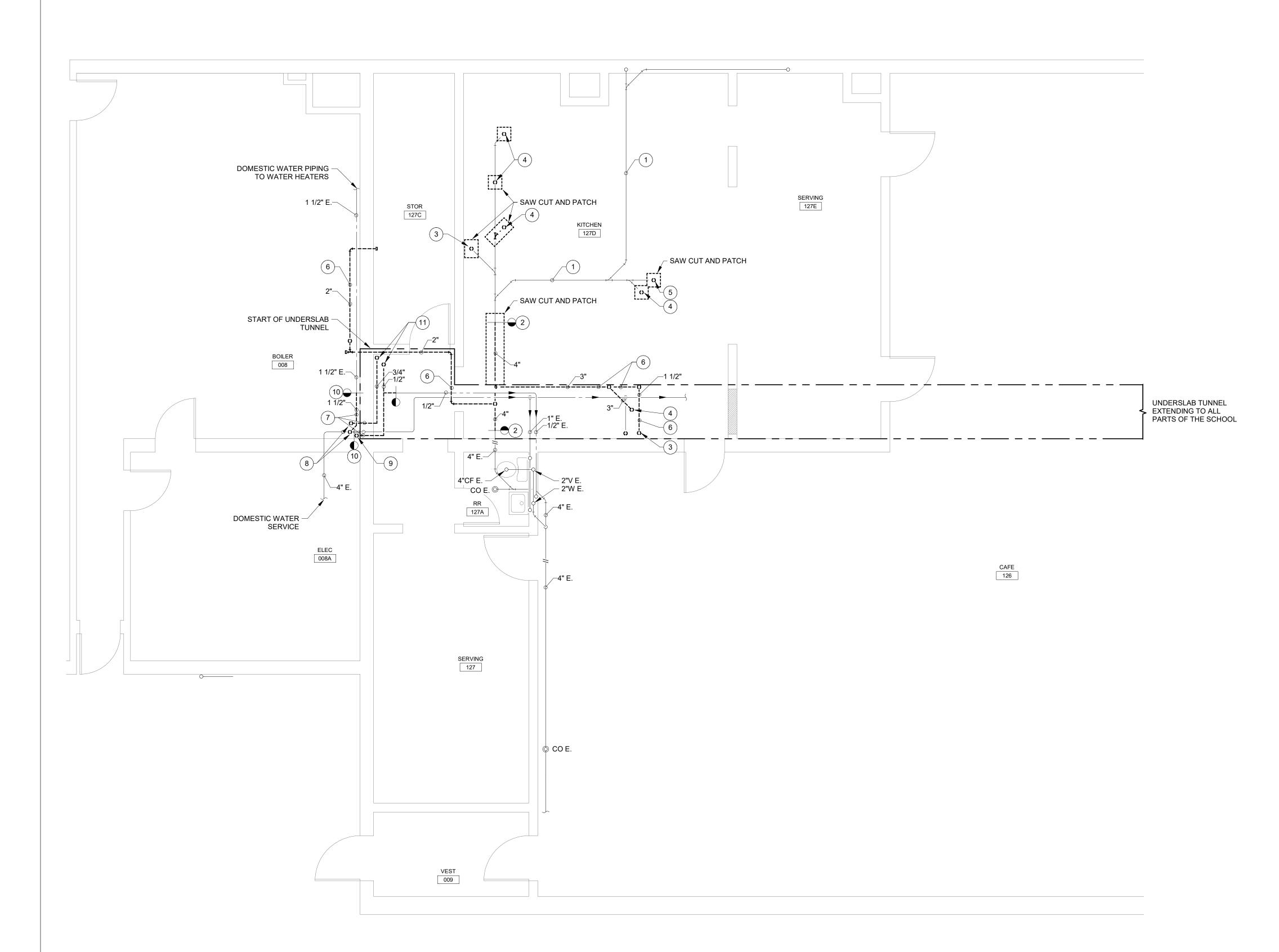
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KITCHEN/DINING UNDERSLAB PLAN - PLUMBING DEMOLITION

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



WORK TO BE REMOVED WORK TO REMAIN

GENERAL NOTES:

- 1. REFER TO SHEET PM0.0 FOR ADDITIONAL GENERAL NOTES.
- 2. OWNER HAS FIRST RIGHT OF REFUSAL TO ALL EQUIPMENT AND PLUMBING FIXTURES REMOVED.

PLAN NOTES:

- 1. ABANDON PIPING IN PLACE.
- 2. REMOVE WASTE PIPING BACK TO THIS POINT.
- 3. REMOVE 2" WASTE THROUGH FLOOR DOWN TO MAIN AND CAP.
- 4. REMOVE FLOOR DRAIN TO MAIN AND CAP.
- 5. REMOVE CLEANOUT TO MAIN AND CAP.
- 6. PVC WASTE PIPING TO BE REMOVED. REMOVE RELATED PIPE
- 7. DOMESTIC WATER PIPING TO BE REMOVED. REMOVE RELATED PIPE SUPPORTS.
- 8. REMOVE 1 1/2" COLD WATER TO WATER SOFTENER. REMOVE 3/4" COLD SOFT WATER TO KITCHEN.
- 9. REMOVE 3/4" HOT WATER PIPING BACK TO VALVE SHOWN ON PD2.0.
- 10. REMOVE DOMESTIC COLD WATER BACK TO THIS POINT. PREPARE PIPING FOR RECONNECTION.
- 11. DOMESTIC HOT AND COLD WATER PIPING FEEDING KITCHEN EQUIPMENT. SAW CUT AROUND PIPING AND REMOVE. SAWCUT TO REMAIN FOR NEW SERVICE PIPING.

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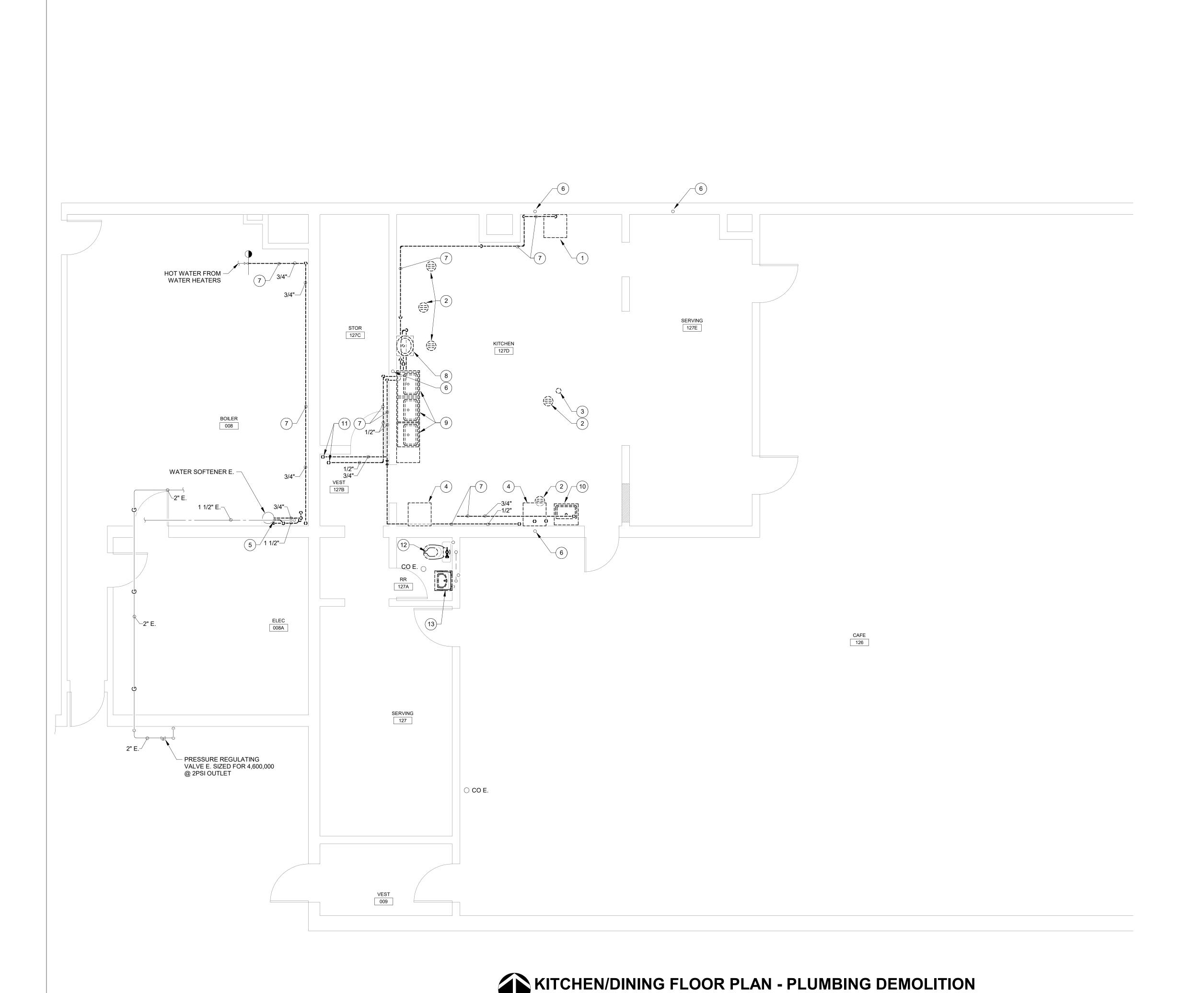
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WORK TO BE REMOVED

WORK TO REMAIN

GENERAL NOTES:

- 1. REFER TO SHEET PM0.0 FOR ADDITIONAL GENERAL NOTES.
- 2. OWNER HAS FIRST RIGHT OF REFUSAL TO ALL EQUIPMENT AND PLUMBING FIXTURES REMOVED.
- ALL EXISTING KITCHEN EQUIPMENT NOT SHOWN. FIELD VERIFY ALL KITCHEN EQUIPMENT TO BE REMOVED.
- 4. ALL PIPING IN THE KITCHEN IS TO BE REMOVED BACK TO MAINS. FIELD VERIFY ALL PIPING SHOWN.
- 5. REMOVE ALL VENT PIPING THROUGH ROOF THAT DO NOT SERVE AS VENTS FOR EQUIPMENT TO REMAIN. SEAL ROOF PENETRATIONS.
- 6. DEMOLITION OF WATER CLOSET AND LAVATORY IN EXISTING RESTROOM IS PART OF ALTERNATE #1.

PLAN NOTES:

- 1. REMOVE COMBI-OVEN AND ALL RELATED PIPING COMPLETE.
- REMOVE FLOOR DRAIN AND ASSOCIATED TRAP. CAP BELOW FLOOR AND ABANDON RELATED UNDERSLAB PIPING.
- 3. REMOVE CLEANOUT. CAP BELOW FLOOR AND ABANDON RELATED UNDERSLAB PIPING.
- 4. KITCHEN EQUIPMENT TO BE RELOCATED. REMOVE ALL RELATED PIPING BACK TO SOURCE.
- REMOVE COLD SOFT WATER PIPING BACK TO MAINS FROM EXISTING WATER SOFTENER CONNECTION POINTS. PREPARE FOR RECONNECTION.
- 6. EXISTING VENT THROUGH ROOF. CAP PIPING ABOVE ROOF AND ABANDON PIPING IN THE WALL.
- 7. REMOVE DOMESTIC WATER PIPING AND RELATED SUPPORTS.
- 8. REMOVE WALL MOUNTED HAND SINK AND RELATED WASTE AND DOMESTIC WATER PIPING.
- REMOVE THREE COMPARTMENT SINK AND RELATED WASTE AND DOMESTIC WATER PIPING.
- 10. REMOVE WASH SINK, GARBAGE DISPOSAL AND RELATED WASTE AND DOMESTIC WATER PIPING.
- 11. DOMESTIC HOT AND COLD WATER PIPING FROM BELOW. REMOVE PIPING AND ALL RELATED PIPE SUPPORTS.
- 12. REMOVE WATER CLOSET AND FLUSH VALVE TO ROUGH-INS. PREPARE CLOSET FLANGE AND COLD WATER ROUGH-IN FOR RECONNECTION.
- 13. REMOVE LAVATORY BACK TO ROUGH-INS. PREPARE WASTE AND WATER ROUGH-INS FOR RECONNECTION.

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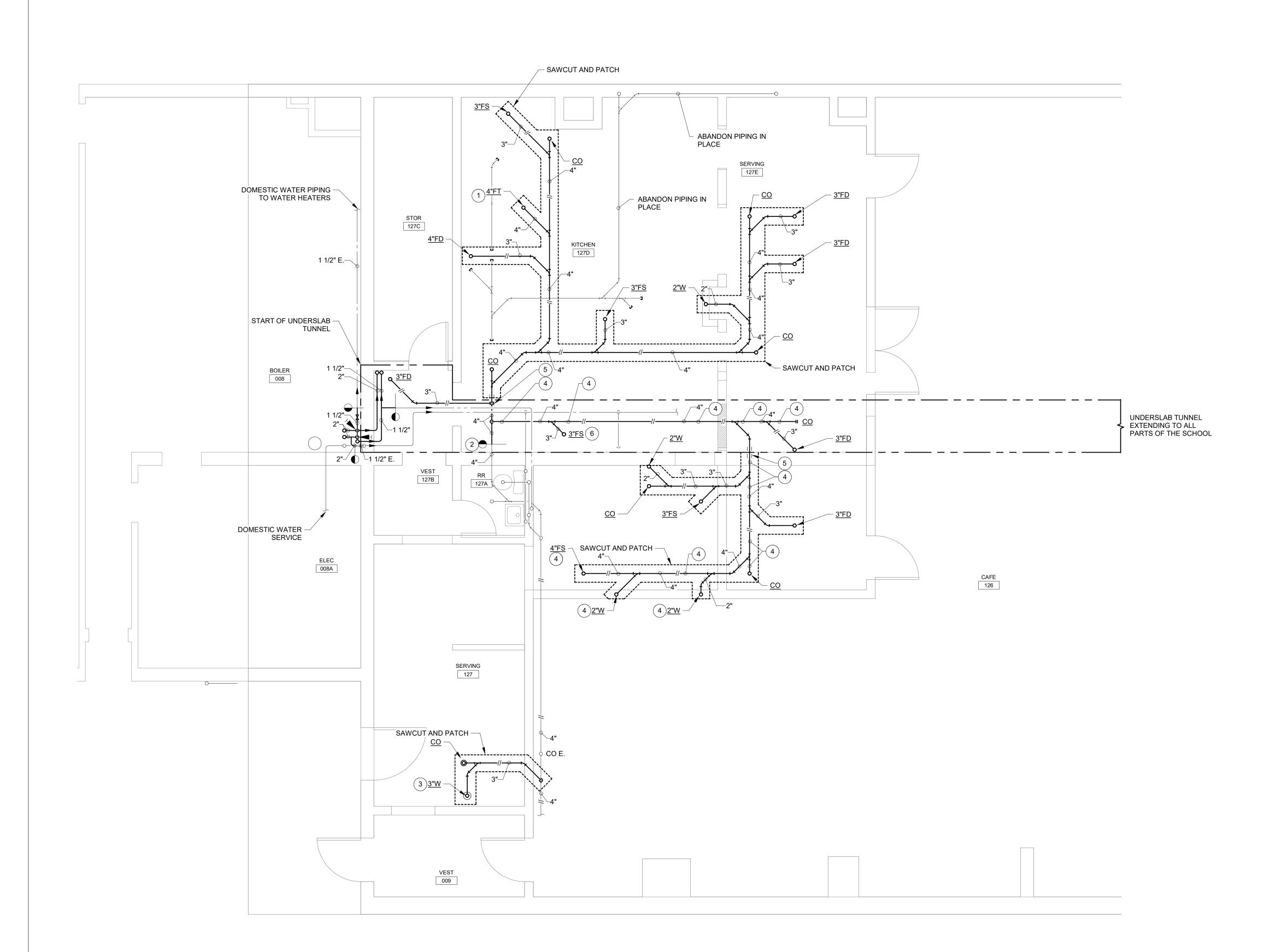
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RENOVATION LEGEND:

WORK TO BE INSTALLED

WORK TO REMAIN

GENERAL NOTES:

- 1. REFER TO SHEET PM0.0 FOR ADDITIONAL GENERAL NOTES.
- 2. CAP ALL ABANDONED WASTE PIPING.

PLAN NOTES:

- 1. CONNECT TO FLOOR TROUGH ABOVE. PROVIDE 4" P-TRAP.
- 2. CONNECT TO EXISTING 4" WASTE PIPING AT THIS POINT. PIPING IS EXPOSED IN THE TUNNEL.
- 3. CONNECT TO WASTE ROUGH IN ABOVE. PROVIDE 3" P-TRAP.
- 4. CAST IRON PIPING.
- 5. LINK SEAL PIPE WHERE PIPE PENETRATES TUNNEL WALLS.

PLUMBING WORK AND ROUGH-IN NOTES:

- REFER TO SPECIFICATION SECTION 11 40 00 FOR FOOD SERVICE EQUIPMENT INFORMATION AND ROUGH-IN INFORMATION.
- ROUGHING-IN ALL REQUIRED MECHANICAL SERVICES AS SHOWN ON DRAWINGS PROVIDED BY FOOD SERVICE EQUIPMENT CONTRACTOR AFTER BIDING.
- 3. FURNISH AND INSTALL ALL PIPING, TRAPS, TAILPIECES, LOOP VENTS, STOPS, AND RELATED ITEMS NECESSARY TO MAKE THE FINAL CONNECTIONS FROM THE ROUGH-IN TO THE CONNECTION POINTS ON THE EQUIPMENT.
- FURNISH AND INSTALL ALL DRAIN LINE AND WASTE PIPING AND COMPONENTS. DRAIN PIPING TO BE HARD COPPER.
- INSTALL THE FOLLOWING ITEMS, WHICH ARE FURNISHED BY FOOD SERVICE EQUIPMENT CONTRACTOR: FAUCETS, DISPOSERS, VACUUM BREAKERS, SOLENOID VALVES, CHECK VALVES AND RELATED ITEMS.
- 6. PROVIDE AND INSTALL CONDENSATE DRAIN LINES ON WALK-IN COOLER/FREEZER (ITEM # 1). DRAIN LINES TO BE SECURED TO THE COOLER-FREEZER WITH 1" STANDOFFS. DRAIN LINES PIPING TO BE HARD COPPER.
- 7. INSTALL FLOOR TROUGHS PROVIDED BY FOOD SERVICE EQUIPMENT CONTRACTOR.
- 8. WORK REQUIRED BY ANY NOTES ON THE FOOD SERVICE EQUIPMENT DRAWINGS
- MAKE ALL FINAL CONNECTIONS FROM POINT OF ROUGH-INS SHOWN ON THE PLANS AND SPECIFICATIONS TO THE CONNECTION POINTS ON THE EQUIPMENT.

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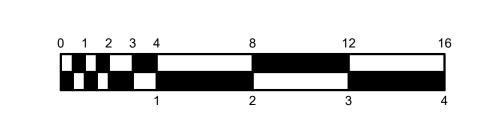
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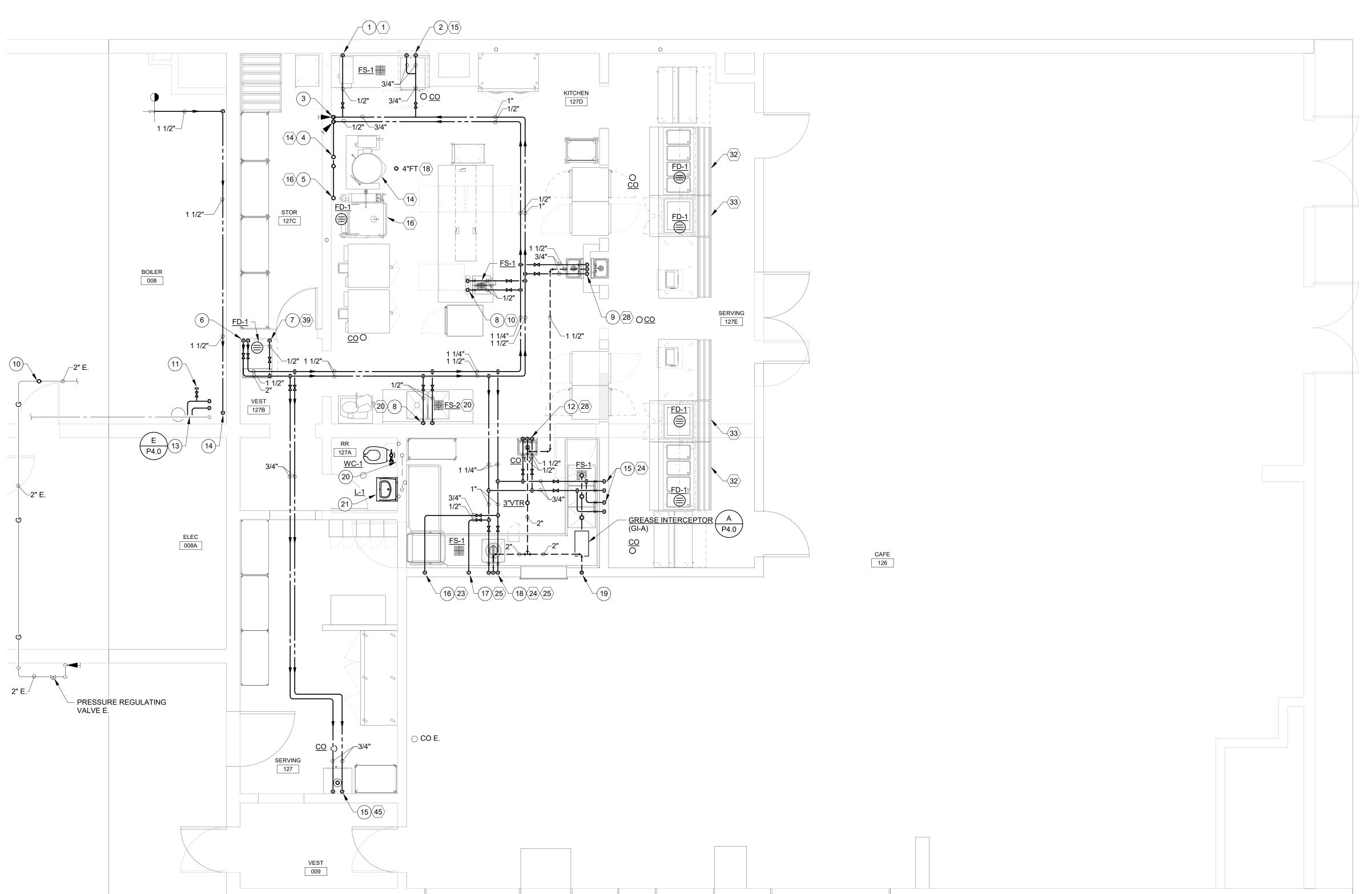
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KITCHEN/DINING FLOOR PLAN - PLUMBING

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



WORK TO BE INSTALLED

WORK TO REMAIN

GENERAL NOTES:

- 1. REFER TO SHEET PM0.0 FOR ADDITIONAL GENERAL NOTES.
- 2. REFER TO KITCHEN EQUIPMENT DRAWINGS FOR KITCHEN EQUIPMENT SCHEDULE.
- 3. REFER TO SHEET P4.0 FOR KITCHEN ROUGH-IN SCHEDULE. HEXAGON PLAN NOTE DENOTATES KITCHEN EQUIPMENT NUMBER.
- 4. INSTALLATION OF NEW WATER CLOSET AND LAVATORY IN EXISTING RESTROOM IS PART OF ALTERNATE #1.

PLAN NOTES:

- 1. 1/2" COLD WATER DOWN TO K.E.C. SUPPLIED FILTER.
- 2. (2) 3/4" COLD WATER DOWN.
- 3. 3/4" COLD WATER AND 1/2" HOT WATER DOWN.
- 4. 1/2" COLD WATER AND 1/2" HOT WATER UP TO ROUGH-INS FOR KITCHEN EQUIPMENT.
- 5. 1/2" COLD WATER UP TO ROUGH-IN FOR KITCHEN EQUIPMENT.
- 6. 2" COLD WATER AND 1 1/2" HOT WATER FROM BELOW.
- 7. 1/2" COLD WATER DOWN TO K.E.C. SUPPLIED FILTER FOR ICE MAKER.
- 8. 1/2" COLD WATER AND 1/2" HOT WATER DOWN.
- 9. 3/4" COLD WATER, 3/4" HOT WATER, AND 2" WASTE DOWN. EXTEND WATER SERVICE TO EACH HAND SINK. 1 1/2" VENT UP.
- 10. 1" GAS UP THROUGH ROOF.
- 11. 2" VALVE AND CAP TO CONNECT TO FUTURE WATER SOFTENER.
- 12. 1/2" COLD WATER, 1/2" HOT WATER, AND 1 1/2" WASTE DOWN. 1 1/2"
- 13. CONNECT 2" COLD WATER PIPING TO EXISTING WATER SOFTENER CONNECTIONS.
- 14. 1 1/2" HOT WATER DOWN.
- 15. 3/4" COLD WATER AND 3/4" HOT WATER DOWN.
- 16. 3/4" HOT WATER DOWN TO DISHWASHER.
- 17. 1/2" COLD WATER DOWN TO KITCHEN EQUIPMENT.
- 18. 3/4" COLD WATER, 3/4" HOT WATER, 3" WASTE DOWN. 2" VENT UP.
- 19. 2" WASTE DOWN. 2" VENT UP.
- 20. INSTALL NEW WATER CLOSET. RECONNECT TO EXISTING ROUGH-INS.
- 21. INSTALL NEW LAVATORY. RECONNECT TO EXISTING ROUGH-INS. PROVIDE NEW LAVATORY TRIM.

PLUMBING WORK AND ROUGH-IN NOTES:

- 1. REFER TO SPECIFICATION SECTION 11 40 00 FOR FOOD SERVICE EQUIPMENT INFORMATION AND WORK RELATED TO FOOD SERVICE
- 2. ROUGHING-IN ALL REQUIRED MECHANICAL SERVICES AS SHOWN ON DRAWINGS PROVIDED BY FOOD SERVICE EQUIPMENT CONTRACTOR AFTER
- 3. FURNISH AND INSTALL ALL PIPING, TRAPS, TAILPIECES, LOOP VENTS, STOPS, AND RELATED ITEMS NECESSARY TO MAKE THE FINAL CONNECTIONS FROM THE ROUGH-IN TO THE CONNECTION POINTS ON THE
- 4. FURNISH AND INSTALL ALL DRAIN LINE AND WASTE PIPING AND COMPONENTS. DRAIN PIPING TO BE HARD COPPER.
- 5. INSTALL THE FOLLOWING ITEMS, WHICH ARE FURNISHED BY FOOD SERVICE EQUIPMENT CONTRACTOR: FAUCETS, DISPOSERS, VACUUM BREAKERS, SOLENOID VALVES, CHECK VALVES AND RELATED ITEMS.
- 6. PROVIDE AND INSTALL CONDENSATE DRAIN LINES ON WALK-IN COOLER/FREEZER (ITEM # 1). DRAIN LINES TO BE SECURED TO THE COOLER-FREEZER WITH 1" STANDOFFS. DRAIN LINES PIPING TO BE HARD
- 7. INSTALL FLOOR TROUGHS PROVIDED BY FOOD SERVICE EQUIPMENT CONTRACTOR.
- 8. WORK REQUIRED BY ANY NOTES ON THE FOOD SERVICE EQUIPMENT DRAWINGS
- 9. MAKE ALL FINAL CONNECTIONS FROM POINT OF ROUGH-INS SHOWN ON THE PLANS AND SPECIFICATIONS TO THE CONNECTION POINTS ON THE



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R.E. Dimond

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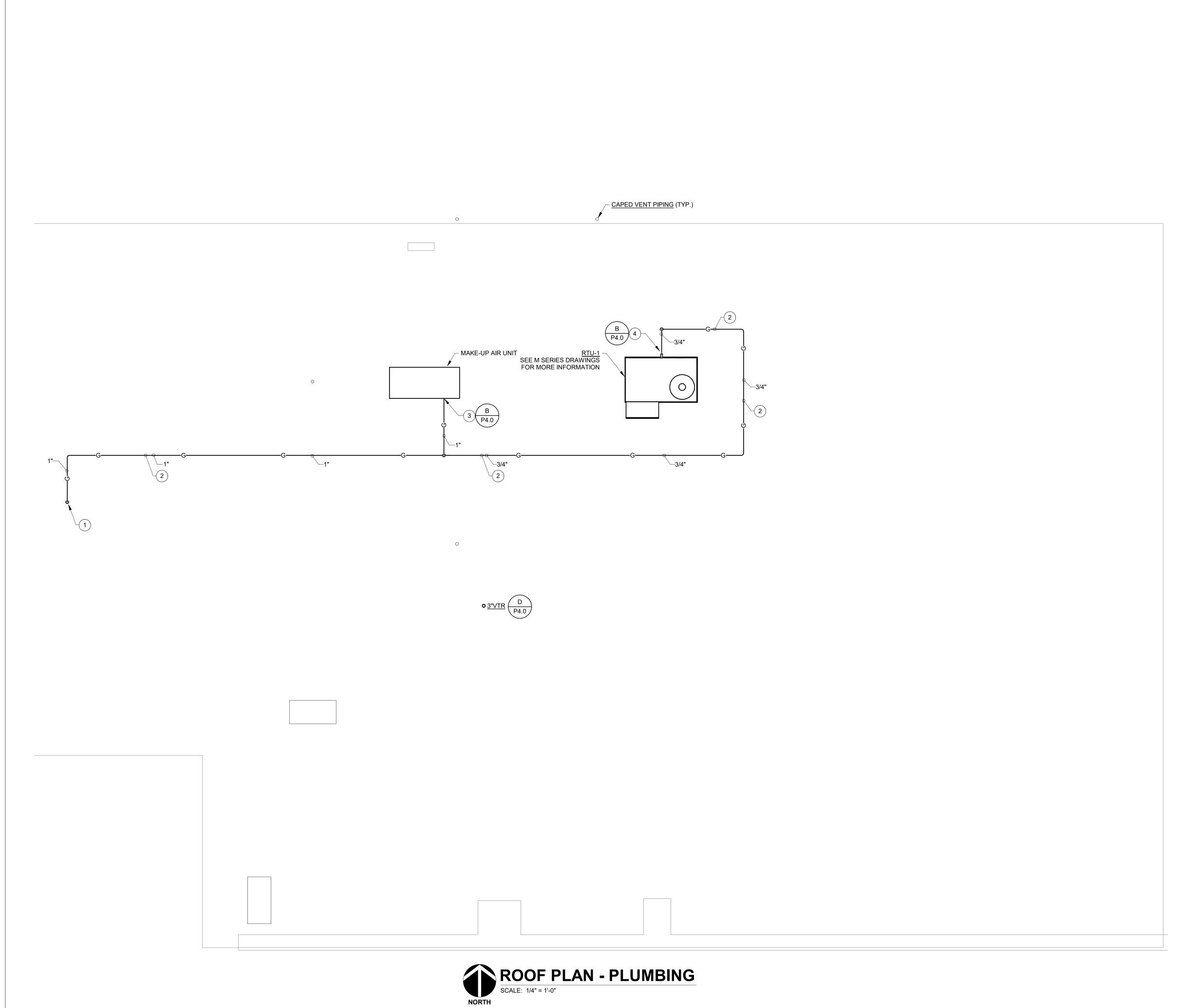
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RENOVATION LEGEND:

WORK TO BE INSTALLED

WORK TO REMAIN

GENERAL NOTES:

- 1. REFER TO SHEET PM0.0 FOR ADDITIONAL GENERAL NOTES.
- 2. REFER TO KITCHEN EQUIPMENT DRAWINGS FOR KITCHEN EQUIPMENT SCHEDULE.
- 3. PAINT ALL GAS PIPING ON ROOF YELLOW.

PLAN NOTES:

- 1. 1" GAS UP THROUGH ROOF.
- 2. GAS PIPING ON ROOF. PAINT GAS PIPING YELLOW. SUPPORT GAS PIPING WITH MIRO 3-R-2. INSTALL PER MANUFACTURERS INSTRUCTIONS.
- 3. CONNECT 1" GAS PIPING TO KITCHEN MAKE-UP AIR UNIT. PROVIDE SHUT-OFF VALVE, UNION, DIRT LEG, AND PRESSURE REGULATION VALVE SIZED FOR 241,320 BTUH @ 2PSI INLET AND 10" W.C. OUTLET. MAINTAIN PIPE SIZE TO MAKE-UP AIR UNIT CONNECTION.
- 4. CONNECT 3/4" GAS PIPING TO RTU-1. PROVIDE SHUT-OFF VALVE, UNION, DIRT LEG, AND PRESSURE REGULATION VALVE SIZED FOR 67,000 BTUH @ 2PSI INLET AND 10" W.C. OUTLET. MAINTAIN PIPE SIZE TO ROOF TOP UNIT CONNECTION.

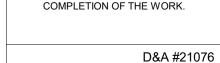
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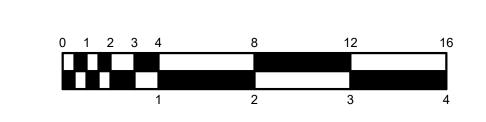
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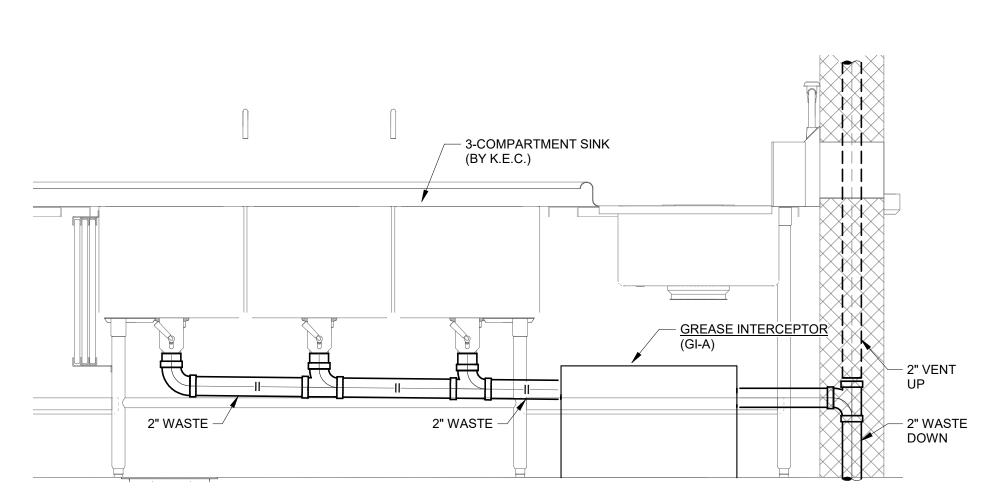
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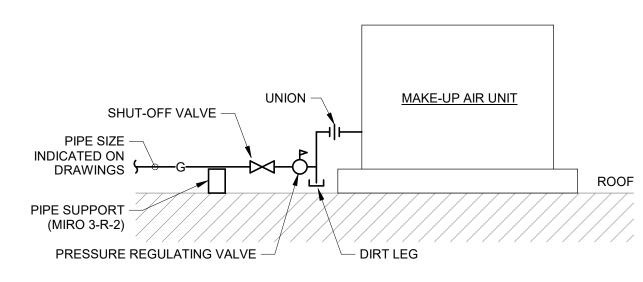
	PLUMBING EQUIPMENT SCHEDULE											
MARK	SPECIFICATION	MANUFACTURER &	ELE	CTRICAL [DATA	GAS LOAD	WT.	CAPACITY	REMARKS			
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GI-A	SOLIDS INTERCEPTOR	-	-	-	-	-	2" INLET AND OUTLET CONNECTIONS	-				

	FIXTURE ROUGH-IN SCHEDULE & MOUNTING HEIGHTS													
MARK NO.	FIXTURE DESCRIPTION	HW	cw	TRAP	w	v	MOUNTING HEIGHTS							
WC-1	WATER CLOSET - FLOOR MOUNTED, FLUSH VALVE, ADA	-	1"	INTEGRAL	4"	2"	17" TO SEAT							
L-1	LAVATORY - WALL HUNG, ADA	1/2"	1/2"	1 1/2"	1 1/2"	1 1/2"	34" RIM HEIGHT							

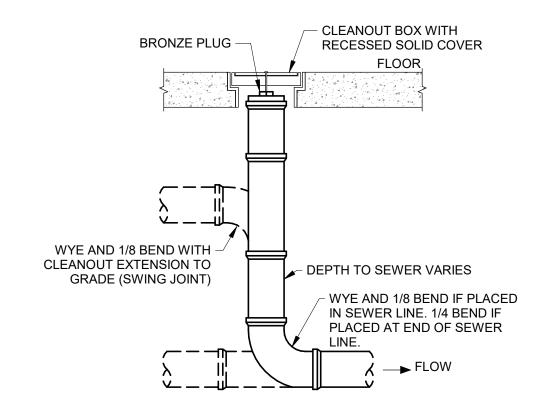


A DETAIL - GREASE INTERCEPTOR

SCALE: NONE

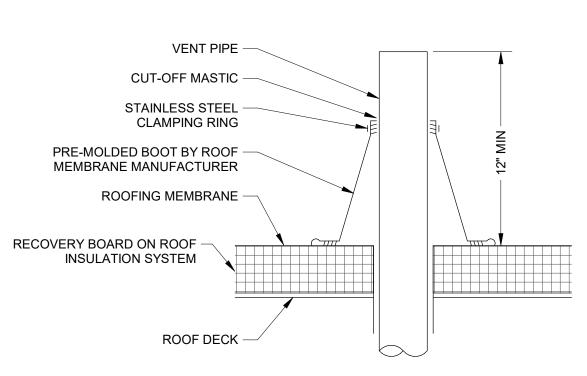


B GAS PIPE CONNECTION

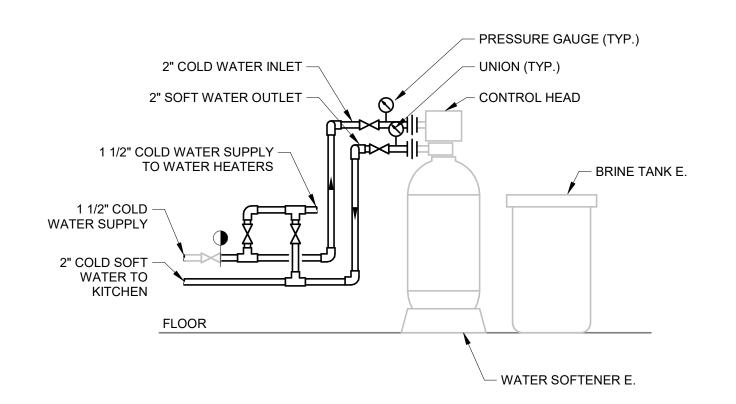


C DETAIL - INTERIOR CLEANOUT

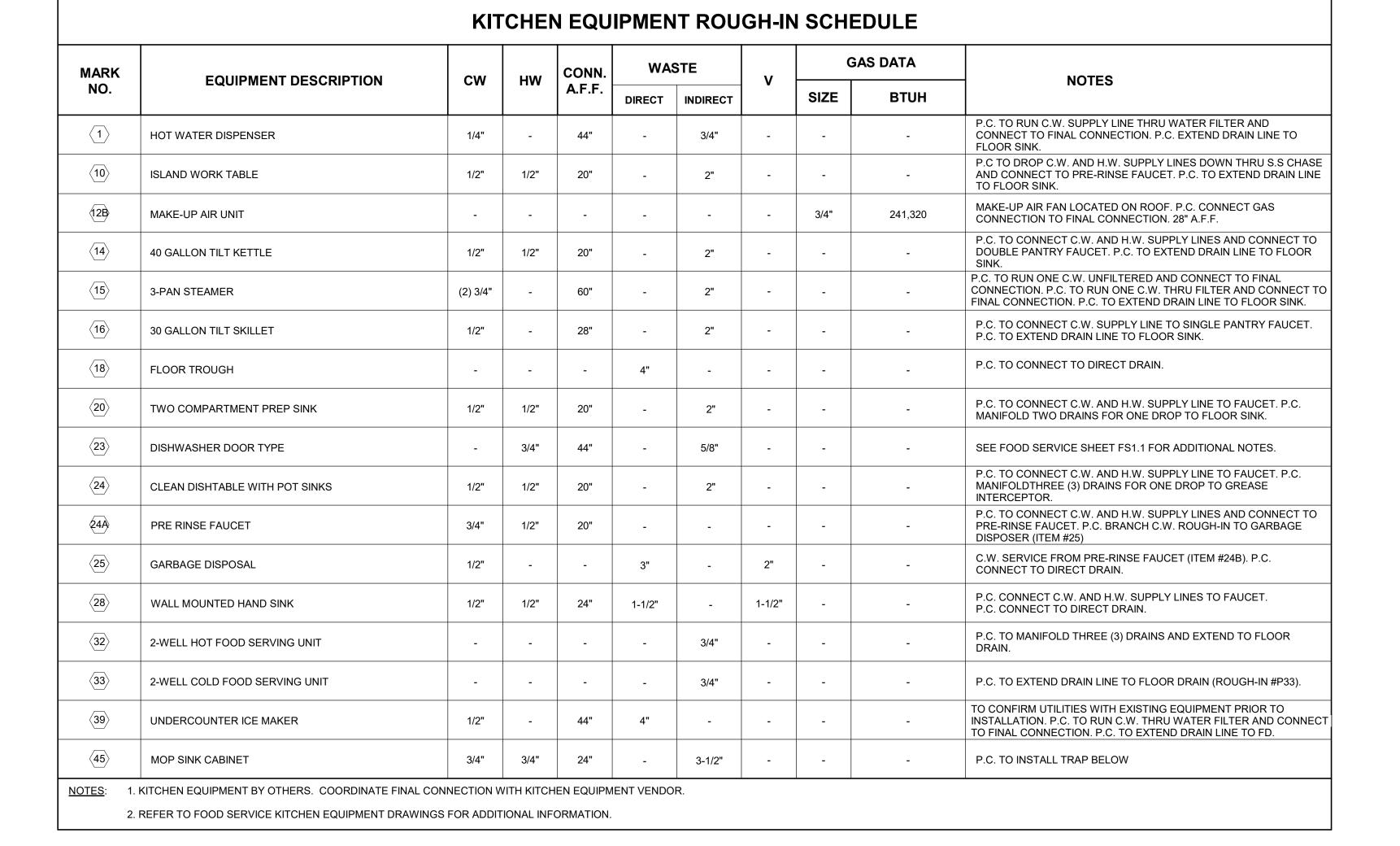
SCALE: NONE



D DETAIL - VENT THROUGH ROOF



E WATER SOFTENER DIAGRAM





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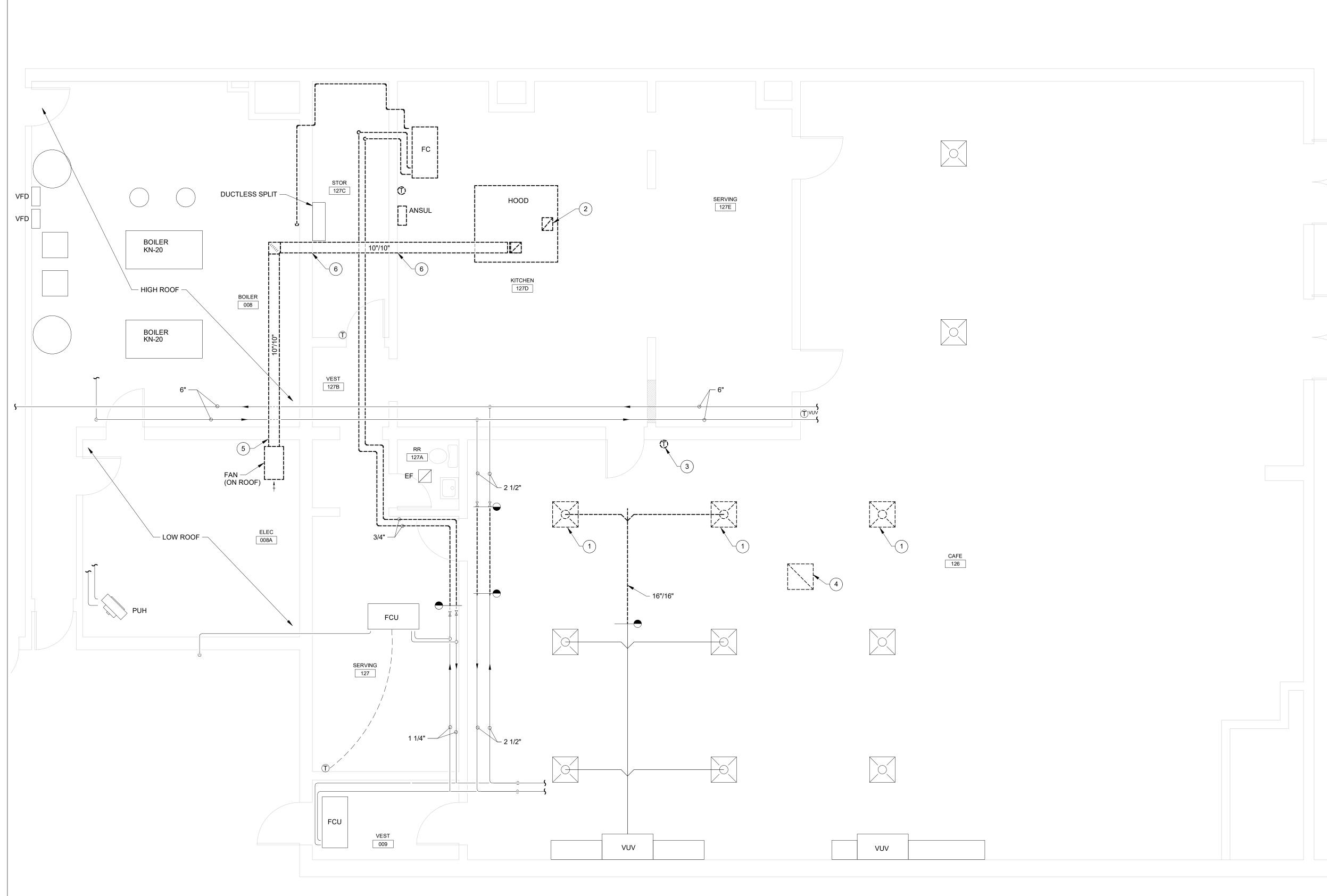
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DEMOLITION LEGEND:

WORK TO BE REMOVED

WORK TO REMAIN

GENERAL NOTES - DEMOLITION:

1. THESE NOTES APPLY TO ALL PLUMBING AND MECHANICAL DEMOLITION DRAWINGS.

- 2. REMOVE ALL PIPING, EQUIPMENT, VALVES, ETC., DRAWN DARK DASHED, AND LABELED. ALL PIPING, EQUIPMENT, VALVES, ETC., DRAWING LIGHT SHALL REMAIN.
- ALL PIPING, DUCTWORK AND EQUIPMENT ABANDONED BY NATURE OF NEW CONSTRUCTION SHALL BE REMOVED IN THIS CONTRACT.
- 4. THOROUGHLY REVIEW ALL DRAWINGS PRIOR TO ANY DEMOLITION WORK. ANY DEVICES REMOVED ACCIDENTALLY WILL BE REPLACED AT NO ADDITIONAL COST TO OWNER.
- OPEN ENDED BY DEMOLITION. PROVIDE TAGS FOR ALL ABANDONED OR CAPPED PIPING LISTING OLD SERVICE.

5. INSTALL CAPS ON ALL PIPING AND DUCTWORK WHERE THEY ARE LEFT

- 6. DISPOSAL OF DEMOLISHED MATERIALS SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.
- 7. FIELD VERIFY ALL EXISTING CONDITIONS AS TO EXACT SERVICE, LOCATION, TYPE OF MATERIAL, ETC. BEFORE BIDDING AND BEFORE BEGINNING ANY DEMOLITION.
 - 8. REMOVE ALL HANGERS, STRAPS, BRACKETS, PIPE SUPPORTS, ANCHORS, EXPANSION JOINTS, ETC. ASSOCIATED WITH DUCTWORK AND/OR PIPING TO BE REMOVED.
 - 9. REPAIR OR REPLACE PIPE AND DUCT INSULATION DAMAGED DURING DEMOLITION OR RENOVATION TO MATCH ORIGINAL CONDITION.
 - 10. MECHANICAL CONTRACTOR SHALL PATCH ALL OPENINGS LEFT BY REMOVAL OF MECHANICAL OR PLUMBING PIPE, DUCTWORK, ETC. IN EXISTING WALLS AND FLOORS, UNLESS SPECIFICALLY NOTED TO BE PERFORMED BY OTHERS. REPAIR SURFACES TO MATCH EXISTING SURFACES.
 - 11. ALL EXISTING WALLS GO TO DECK.
 - 12. CEILING REMOVAL AND REPLACEMENT SHALL BE INCLUDED IN BID IF REQUIRED TO INSTALL PIPES, DUCTWORK OR EQUIPMENT ABOVE EXISTING CEILING.
 - 13. OWNER HAS FIRST RIGHT OF REFUSAL FOR ALL DEMOLISHED EQUIPMENT.
 - 14. ADDITIONAL GENERAL DEMOLITION NOTES SPECIFIC TO A PARTICULAR DEMOLITION DRAWING ARE NOTED ON THOSE DRAWINGS.

PLAN NOTES:

- 1. CAP BRANCH FROM SUPPLY AIR DUCT MAIN ABOVE CEILING.
- 2. REMOVE DUCT, AND HOOD EXHUAST FAN ON ROOF. INSTALL INSULATED CAP ON ROOF CURB. SEE DETAIL 'C'/M6.0.
- 3. THERMOSTAT TO BE RELOCATED.
- 4. TRANSFER GRILLE TO BE RELOCATED.
- 5. BLANK OFF WINDOW PANEL WHERE DUCT WAS REMOVED WITH PVC COATED SHEET METAL. PROVIDE PICTURE FRAME ALUMINUM TRIM AROUND PERIMETER OF PANEL. INSULATE INTERIOR OF PANEL WITH MECHANICALLY FASTENED 2" RIGID INSULATION.
- 6. PATCH BLOCK WALL AND PAINT TO MATCH ADJACENT CONSTRUCTION

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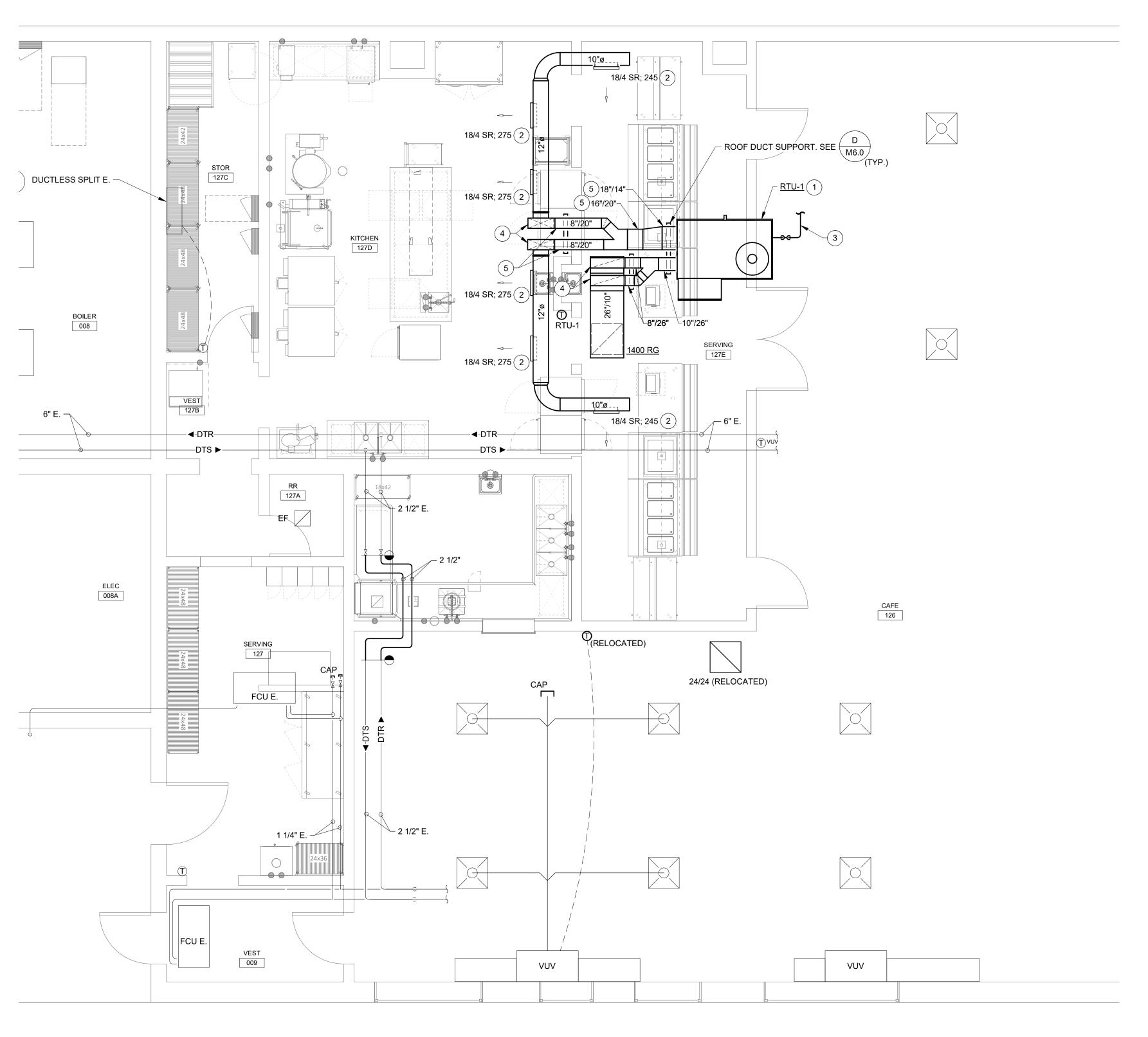
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KITCHEN/DINING FLOOR PLAN - MECHANICAL DEMOLITION

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





RENOVATION LEGEND:

WORK TO BE INSTALLED WORK TO REMAIN

GENERAL NOTES - AIR DISTRIBUTION:

- 1. BRANCH DUCTS SHALL HAVE 45° BOOT TAP FROM SIDE OF MAIN. NO SPIN-IN FITTING ALLOWED.
- 2. SEE DRAWING M6.0 FOR RETURN GRILLE SCHEDULE.
- 3. EXPOSED SUPPLY DUCTWORK TO BE DUAL WALL INSULATED ROUND DUCTWORK WITH PAINT GRIP FINISH. ALL EXPOSED DUCTWORK TO BE INSTALLED NEATLY TO THE SATISFACTION OF THE ENGINEER.
- 4. THESE ARE NOT FABRICATION DRAWINGS. THESE DRAWINGS ARE NOT INTENDED TO SHOW ALL OFFSETS AS REQUIRED FOR PROPER DUCTWORK INSTALLATION. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS AND PREPARE FABRICATION DRAWINGS BASED ON EXISTING CONDITIONS. ALL ADDITIONAL OFFSETS SHALL BE INCLUDED IN BID PRICE.
- 5. VERIFY FIT OF DUCTWORK PRIOR TO ANY FABRICATION. CONTRACTOR WILL NOT BE REIMBURSED FOR DUCTWORK THAT WILL NOT FIT.
- 6. REFERENCE M6.0 SERIES DRAWINGS FOR TYPICAL AND SPECIFIC INSTALLATION REQUIREMENTS FOR EQUIPMENT, ETC.
- 7. WORKMANSHIP FOR ALL DUCTWORK AND EQUIPMENT MUST BE IN COMPLIANCE WITH SMACNA STANDARDS.
- 8. DUCT TO BE INSTALLED TIGHT TO CEILING.
- 9. ALSO SEE SHEET PM0.0 FOR ADDITIONAL GENERAL NOTES.

GENERAL NOTES - CONTROLS:

- 1. ALL THERMOSTATS AND SENSORS TO BE MOUNTED AT 48" (A.F.F.) TO TOP OF DEVICE BACK BOX UNLESS SPECIFICALLY NOTED
- 2. ALL WIRING TO THERMOSTATS SHALL BE ROUTED CONCEALED. WIREMOLD IS NOT ACCEPTABLE.
- 3. ALL THERMOSTATS, CO2 SENSORS, AND MOTION SENSORS TO HAVE STICK ON LABELS THAT INDICATE NAME OF EQUIPMENT THAT THE CONTROL. LABEL TO BE LOCATED DIRECTLY BELOW DEVICE. VERIFY LABEL LOCATION WITH ENGINEER/OWNER PRIOR TO LABELING ALL DEVICES. ALL DEVICES TO BE LABELED WITH SAME I.D.
- 4. ALL CONTROLS WORK SHALL BE COMPLETED BY ALERTON CONTROLS AUTHORIZED CONTRACTOR.
- 5. CONTROLS CONTRACTOR SHALL INTEGRATE RTU INTO OWNER'S EXISTING FRONT END BMS.

(#) PLAN NOTES:

- LOCATE CONDENSER ABOVE CONCRETE WALL.
- 2. SUPPLY GRILLE LIKE PRICE SDG. PROVIDE AIR SCOOP.
- 3. ROUTE 3/4" CONDENSATE TO NEAREST ROOF DRAIN.
- 4. ROOF PENETRATIONS TO BE LOCATED AT THE TOP FLANGE BETWEEN THE FLUTES. FIELD VERIFY EXACT LOCATION AND SIZE AND COORDINATE WITH OTHER TRADES. SEE DETAIL 'B'/M6.0.
- 5. EXTERIOR DUCTWORK SHALL BE PRE-INSULATED DUCTWORK SYSTEM. SUBMIT DETAILED DRAWING SHOWING SUPPORTS AND

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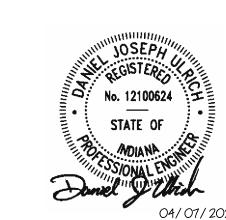
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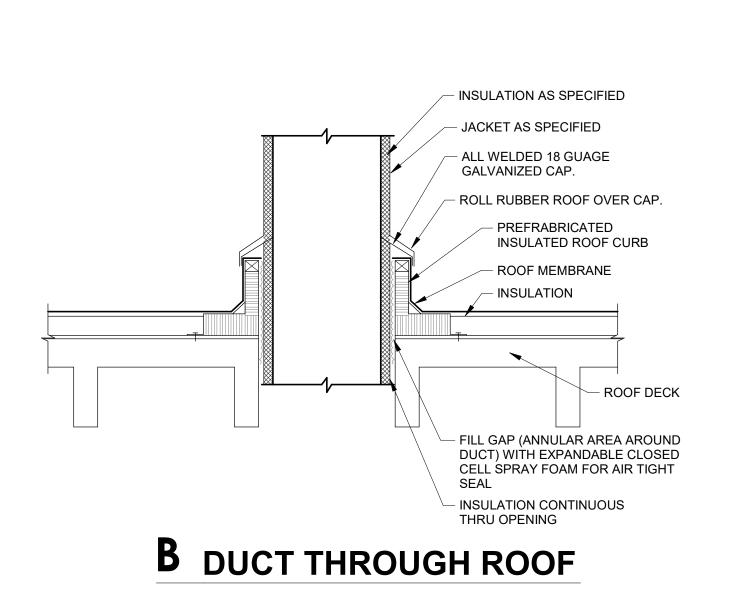
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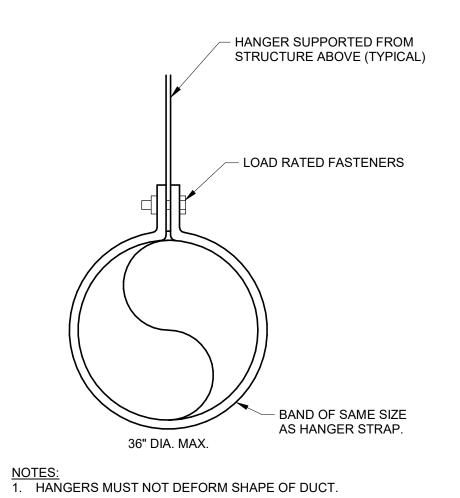
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													DX/C	SAS-	-FIR	ED	ROOF	- T(OP UNIT SO	CHE	DUL	E										
LAADIK DR	SPECIFICATION ORAWING RK DRAWING NAME 8 OOD																															
MARK NAN	∕IE &/OR	SECTION	NAME	EQUIPMENT TYPE	& MODEL NO	TOTAL	MIN. O.A.	ESP F	IP BHI	FILTER	M TOTAL	BH SENS	CON EAT DB W	IDITION: L B DB	S AT WB	EER S	SEER STAG		NO OF HOT GAS CIRCUITS REHEAT	EXP		PRESSOR TYPE	HIGH IN	`	STAGES M	CA MOC	P VOLT	S PHASE	VFD	CONVENIENC OUTLET	E WEIG (LBS	、 I REMARKS I
	TCHEN ATING & DOLING	23 74 14	PACKAGED ROOFTOP UNITS	PACKAGED ROOFTOP UNIT	CARRIER 48FC	1,600	400	1.30" 2	.0 1.27	7 2" MERV 8	48	34	80 67	60.1	57.5	12.3	14.0 1		1 NO	YES	1	SCROLL	67	54	1	24 30	208	3	N	YES	740	BACNET CARD, ECONOMIZER, WEATHER HOOD, 14" ROOF CURB, HAIL GUARD.

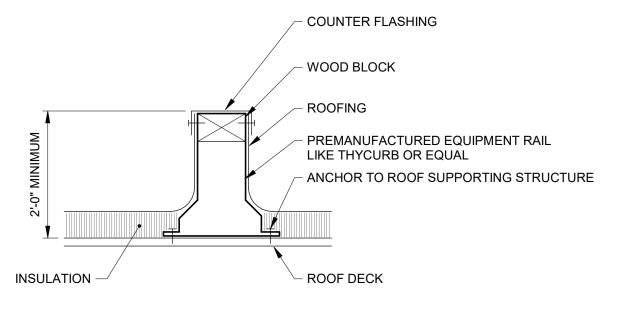
MARK NO.	NOMINAL GRILLE SIZE	MAX N.C.	ΜΑΧ ΔΡ	CFM RANGE	REMARKS							
0 - 170	8/8	20	0.1"	0 - 170								
175 - 240	10/10	20	0.1"	175 - 240	-							
245 - 400	12/12	20	0.1"	245 - 400	-							
405 - 520	14/14	20	0.1"	405 - 520								
525 - 640	16/16	20	0.1"	525 - 640	-							
645 - 830	18/18	20	0.1"	645 - 830								
835 - 1050	20/20	20	0.1"	835 - 1050	-							
1055 - 1400	24/24	20	0.1"	1055 - 1400	-							
CFM												





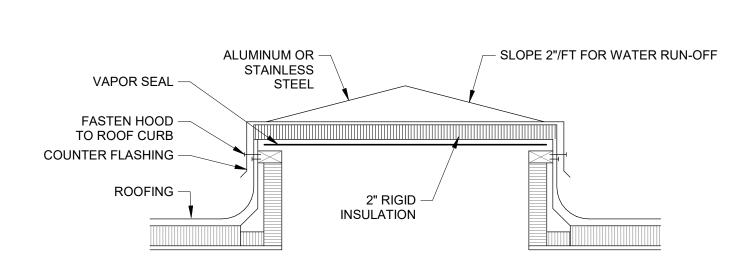
A ROUND DUCT SUPPORT

2. SPACING OF HANGERS PER SMACNA STANDARDS.



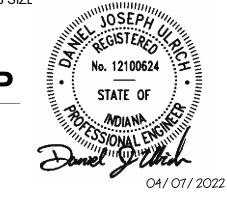
NOTE: CURB TO MATCH ROOFING TYPE AND INSULATION THICKNESS.

TYPICAL EQUIPMENT SUPPORT RAIL SCALE: NONE



NOTE: SEE FLOOR PLAN OR ROOF PLAN FOR CURB SIZE





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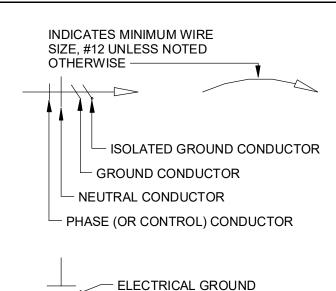
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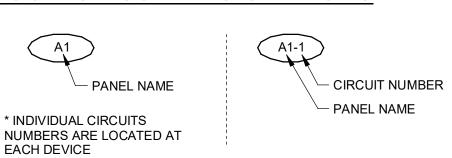
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TYPICAL WIRING DESIGNATIONS



ROOM CIRCUIT DESIGNATIONS



ROOM CIRCUIT DESIGNATION SHOWN ABOVE APPLY TO

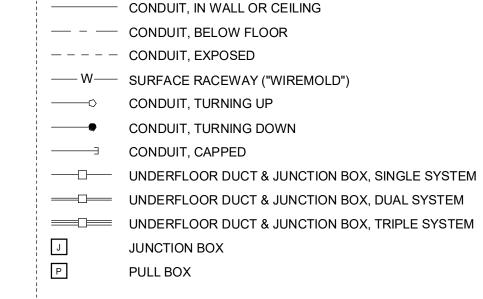
EVERY DEVICE IN THE ROOM UNLESS NOTED OTHERWISE

- PANEL NAME CIRCUIT NUMBER RELAY NUMBER

WITH RELAY NUMBER

ROOM CIRCUIT DESIGNATIONS

RACEWAYS



MISCELLANEOUS

Ю	CLOCK (WALL)
O	CLOCK (CEILING)
\bigcirc	THERMOSTAT
=	ELECTRICAL GROU

PANELS



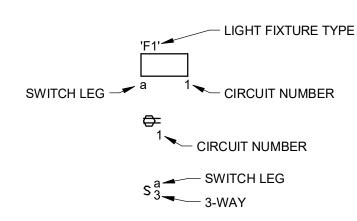
DEVICE TYPE

PANEL, SURFACE CONTROL PANEL (AS NOTED), FLUSH

CONTROL PANEL (AS NOTED), SURFACE

NOT ALL SYMBOLS ON THIS SHEET ARE USED IN THESE DOCUMENTS.

TYPICAL DEVICE DESIGNATIONS



CIRCUIT DESCRIPTIONS

PANEL-CIRCUIT NUMBER

MULTIPLE INDIVIDUAL CIRCUIT NUMBERS: PANEL-CIRCUIT NUMBER, CIRCUIT NUMBER, CIRCUIT NUMBER (I.E. A1-1, A1-3)

2-POLE CIRCUIT NUMBER: PANEL-CIRCUIT NUMBER/CIRCUIT NUMBER (I.E. A1-1,3)

PANEL-CIRCUIT NUMBER/CIRCUIT NUMBER (I.E. A1-1,3,5)

POWER EQUIPMENT

1-PHASE MOTOR 3-PHASE MOTOR FUSIBLE BOX COVER SWITCH **ENCLOSED SWITCH. NON-FUSIBLE** F **ENCLOSED SWITCH, FUSIBLE**

СВ **ENCLOSED CIRCUIT BREAKER** MANUAL MOTOR STARTER

MANUAL MOTOR STARTER WITH PILOT LIGHT MAGNETIC MOTOR STARTER

COMBINATION DISCONNECT & MAGNETIC MOTOR STARTER Т SMALL TRANSFORMER

VFD VARIABLE FREQUENCY DRIVE H PUSHBUTTON

UP/DOWN PUSHBUTTON

H • • • UP/DOWN/STOP PUSHBUTTON

DUPLEX RECEPTACLE

H

HORIZONTAL DUPLEX RECEPTACLE

RECEPTACLES AND OUTLETS

DOUBLE DUPLEX (QUAD) RECEPTACLE

DUPLEX RECEPTACLE ABOVE COUNTERTOP OR TOGGLE WITCH HEIGHT WHERE NO COUNTER IS PRESENT DOUBLE DUPLEX (QUAD) RECEPTACLE ABOVE COUNTERTOP OR

OGGLE SWITCH HEIGHT WHERE NO COUNTER IS PRESENT GROUND FAULT CIRCUIT INTERRUPTER (GFCI) DUPLEX

RECEPTACLE HORIZONTAL GFCI DUPLEX RECEPTACLE

DOUBLE DUPLEX (QUAD) GFCI RECEPTACLE

GFCI DUPLEX RECEPTACLE ABOVE COUNTERTOP OR TOGGLE

WITCH HEIGHT WHERE NO COUNTER IS PRESENT DOUBLE DUPLEX (QUAD) GFCI RECEPTACLE ABOVE COUNTERTOF OR TOGGLE SWITCH HEIGHT WHERE NO COUNTER IS PRESENT

GFCI/ WEATHERPROOF DUPLEX RECEPTACLE

 Θ SINGLE RECEPTACLE

FLUSH FLOOR OUTLET, ONE DUPLEX RECEPTACLE UNLESS **NOTED OTHERWISE**

PEDESTAL-TYPE FLOOR OUTLET, ONE DUPLEX RECEPTACLE UNLESS NOTED OTHERWISE

CEILING DROP CORD. 3#12 TYPE SO CORD WITH 2 DUPLEX RECEPTACLES AND KELLUMS GRIPS UNLESS NOTED OTHERWISE SPECIAL OUTLET OR EQUIPMENT CONNECTION (AS NOTED)

FLUSH FLOOR BOX, DUAL-SERVICE WITH 4-GANGS AND TWO DUPLEX RECEPTACLES UNLESS NOTED OTHERWISE

MULTIOUTLET ASSEMBLY, LENGTH INDICATED, 16" AFF UNLESS NOTED OTHERWISE ─ INDICATES VERTICAL RUN

→ PEDESTAL OUTLET, GFCI-TYPE DUPLEX RECEPTACLE

LIGHT FIXTURES

LIGHT, CEILING

LIGHT, WALL

EXIT SIGN, CEILING

EMERGENCY LIGHTING UNIT

TRACK LIGHT FIXTURE

EMERGENCY LIGHT FIXTURE

SWITCH, SINGLE POLE

SWITCH, THREE WAY

SWITCH, FOUR WAY

SWITCH, DIMMER

SWITCH, KEY OPERATED

SWITCH, WITH PILOT LIGHT

SWITCH, WEATHERPROOF

SWITCH, EXPLOSIONPROOF

SWITCH, LOW VOLTAGE

DAYLIGHT SENSOR

LIGHTING CONTACTOR

LIGHTING RELAY MODULE

FIRE ALARM SYSTEMS

FIRE ALARM ANNUNCIATOR

FIRE ALARM WALL STROBE

FIRE ALARM CEILING STROBE

FIRE ALARM CEILING SPEAKER

FIRE ALARM BELL

HEAT DETECTOR

FIRE ALARM WALL HORN-STROBE

FIRE ALARM CEILING HORN-STROBE

ELECTRO-MAGNETIC DOOR HOLDER

PHOTOELECTRIC SMOKE DETECTOR

DUCT TYPE SMOKE DETECTOR

DUCT TYPE SMOKE DETECTOR

(SAMPLING TUBES SHOWN)

SPRINKLER FLOW SWITCH

SPRINKLER TAMPERSWITCH

FIRE ALARM ADDRESSIBLE INTERFACE DEVICE.

MANUAL PULL STATION

FACP FIRE ALARM CONTROL PANEL

TIMECLOCK

PHOTOCELL

RELAY PANEL

SWITCH, DOUBLE POLE

NIGHT LIGHT

SWITCHES

DL

PC

LRM

FAA

F

DH

R

 $\langle F \rangle$

 $\langle D \rangle$

 $\langle H \rangle$

FS

EXIT SIGN WITH DIRECTIONAL ARROW, CEILING

LIGHT FIXTURE DIRECTIONAL AIMING INDICATOR

SWITCH, SPRING WOUND, INTERVAL TIME SWITCH

LOW-VOLTAGE TOUCHSCREEN LIGHTING CONTROL

MULTI-TECHNOLOGY CEILING OCCUPANCY SENSOR

PASSIVE INFRARED CEILING OCCUPANCY SENSOR

COMBINATION WALL OCCUPANCY SENSOR AND

AUTOMATIC LOAD CONTROL RELAY (LIGHTING)

SWITCH, DIGITAL INTERVAL TIME SWITCH

ULTRASONIC CEILING OCCUPANCY SENSOR

SINGLE POLE WALL OCCUPANCY SENSOR

TWO POLE WALL OCCUPANCY SENSOR

EXIT SIGN WITH DIRECTIONAL ARROW, WALL

EXIT SIGN, WALL

LIGHT, CEILING

 \leftarrow

LESS THAN 2% VOLTAGE DROP AT POTENTIAL FULL LOAD CONDITION (80% OF CIRCUIT SIZE) PER ANTICIPATED ROUTING AND CONDUCTOR LENGTH. BRANCH CIRCUIT CONDUCTORS SHALL BE SIZED TO MAINTAIN LESS THAN 3% VOLTAGE DROP FROM PANELBOARD TO LOAD BASED UPON 60% OF CIRCUIT SIZE LOAD CONDITIONS. THE FOLLOWING CHART REPRESENTS WIRE SIZES FOR A 20 AMP CIRCUIT BASED UPON CIRCUIT LENGTH IN ORDER TO MAINTAIN LESS THAN 3% VOLTAGE DROP FOR A 12 AMP LOAD. CONTRACTOR SHALL USE THIS CHART FOR BIDDING AND INSTALLATION GUIDELINES. FOR KNOWN CIRCUITS WITH LARGER LOAD CONDITIONS, CONTRACTOR SHALL ADJUST ACCORDINGLY GROUND CONDUCTOR SIZES SHALL BE INCREASED SAME AS CIRCUIT CONDUCTORS, PER NEC. ADJUST RACEWAY SIZES ACCORDINGLY.

		RCUIT CONDU ROP AT 12 AM				MAINTAIN LESS THAN 3% IS REQUIRE.
WIRE SIZE	120V-1P	208V-1P	208V-3P	277V-1P	480V-3P	CONDUCTOR LENGTHS
#12	0'-80'	0'-140'	0'-160'	0'-185'	0'-375'	INDICATED ARE TO THE FIRST DEVICE (BUT
#10	81'-135'	141'-230'	161'-270'	186'-310'	376'-620'	MAINTAIN MAXIMUM 5% VOLTAGE DROP TO THE
#8	136'-200'	231'-350'	271'-410'	311'-470'	621'-940'	LAST DEVICE FOR
#6	201'-315'	351'-550'	411'-635'	471'-735'	941'-1475'	NIVOVIN LOADS).
						KNOWN LOADS).

GENERAL NOTES:

FTC PRIOR TO ROUGH-IN

- 1. COORDINATE LOCATIONS OF DEVICES TO BE INSTALLED IN CEILINGS WITH THE ARCHITECTURAL REFLECTED CEILING PLANS. NOTIFY ENGINEER OF ANY CONFLICTS PRIOR TO INSTALLATION.
- 2. 120 VOLT CIRCUITS SHALL UTILIZE SEPARATE INDEPENDENT NEUTRAL CONDUCTORS. DO NOT SHARE NEUTRALS.
- 3. CONTRACTOR SHALL COORDINATE WITH ALL TRADES. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR INCORRECT WORK, OR FOR INFRINGEMENT UPON OTHERS' WORK, DUE TO A LACK OF COORDINATION.
- 4. DEVICES IN GENERAL SHALL BE CENTERED IN WALL SPACE IN WHICH THEY ARE INSTALLED OR THEY SHALL BE
- SPACED SYMMETRICALLY (FOR EXAMPLE, CENTER DEVICES WHEN MOUNTED ON FACE OF COLUMNS). COORDINATE AND VERIFY LOCATIONS OF DEVICES WITH BLOCK COURSING, FINISH MATERIALS, CASEWORK,
- 6. WIRING SHALL BE MINIMUM #12 AWG IN 3/4" EMT CONDUIT UNLESS OTHERWISE NOTED OR REQUIRED.
- COORDINATE LOCATION OF RECEPTACLES AT ELECTRIC WATER COOLERS (EWC) WITH EWC MANUFACTURER. PROVIDE DUPLEX RECEPTACLE SO THAT IT IS CONCEALED BY EWC HOUSING.
- 8. LOW VOLTAGE PLENUM-RATED CABLING (FIRE ALARM, TELEPHONE/DATA, ETC.) SHALL BE CONCEALED ABOVE ACCESSIBLE CEILINGS. FOR CABLES BEING ROUTED THROUGH AREAS WITH EXPOSED STRUCTURE OR INACCESSIBLE CEILINGS, INSTALL CABLES IN MINIMUM 1-INCH CONDUITS
- 9. REPLACE EXISTING BLANK COVERPLATES WITH NEW. FINISH/MATERIAL TO MATCH THOSE USED FOR NEW
- 10. DEVICE BOXES SHALL BE FLUSH MOUNTED AND ALL RACEWAYS SHALL BE CONCEALED. CONTRACTOR SHALL "FISH" EXISTING WALLS WHERE POSSIBLE
- 11. WHERE SURFACE DEVICE BOXES ARE PERMITTED. DO NOT USE PLASTER RINGS. USE EXPOSED WORK
- COVERS INTENDED FOR THE PURPOSE
- 12. WHERE SURFACE CONDUIT OR EMT IS PERMITTED, DO NOT USE CONDUIT HANGERS LESS THAN 8-FEET AFF. USE ONE- OR TWO-HOLE STRAPS SO THAT NO SHARP EDGES PROTRUDE FROM THE WALL.
- 13. EXISTING CONCEALED RACEWAYS AND DEVICE BOXES MAY BE REUSED IN PLACE IF DEEMED CODE
- COMPLIANT AND IN GOOD CONDITION. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION. 14. PROVIDE 120V POWER CONNECTION TO MOTORIZED DAMPERS AT EXHAUST FANS.
- 15. PROVIDE FLUSH BACK BOXES AND CONCEALED RACEWAYS FOR THERMOSTATS. SEE MECHANICAL DRAWINGS FOR LOCATIONS.
- 16. A MAXIMUM OF THREE SINGLE-PHASE CIRCUITS SHALL BE INSTALLED IN A SINGLE CONDUIT
- LOCATION OF LIGHT FIXTURES IN MECHANICAL AND EQUIPMENT ROOMS SHALL BE COORDINATED IN FIELD AND LOCATED TO PROVIED THE BEST ILLUMINATION OF THE SPACE AND EQUIPMENT. COORDINATE WITH **ENGINER**
- 18. COORDINATE EXACT LOCATION OF FLOOR OUTLETS AND OUTLETS AT TV LOCATIONS AND SIMILAR LOCATIONS PRIOR TO ROUGH-IN. OUTLETS AT TV LOCATIONS SHALL BE INSTALLED IN A RECESSED WALL BOX
- 19. PROVIDE FIRESTOPPING AT PENETRATIONS THROUGH FIRE-RATED CONSTRUCTION
- 20. WARRANTIES REFERED TO ON THE DRAWINGS AND SPECIFICATIONS SHALL BEGIN AT THE DATE OF SUBSTANTIAL COMPLETION AT THE END OF THE PROJECT.
- 21. COORDINATE CORE DRILLING WITH STRUCTURAL ENGINEER.
- 22. CONTRACTOR SHALL COORDINATE OCCUPANCY SENSOR LOCATIONS AND ARRANGE FOR BEST OPERATION. PROVIDE HIGH-BAY OCCUPANCY SENSORS WHEN MOUNTEDABOVE 10'-0" AFF. COMMISSION AND COORDINATE OCCUPANCY SENSOR OPERATIONAL SETTINGS WITH OWNER DURING INSTALLATION. AT COMPLETION OF PROJECT AND AFTER OWNER OCCUPANCY, CONTRACTOR SHALL MAKE ONE READJUSTMENT PER SENSOR AS DIRECTED BY THE OWNER.
- 23. DEVICES ON WALLS SHALL BE INDIVIDUALLY FED FROM ABOVE (I.E. DO NOT INSTALL RACEWAYS HORIZONTALLY IN WALL UNLESS APPROVED).
- 24. INSTALL ABOVE-CEILING RACEWAYS AT LEAST 7-INCHES ABOVE CEILING TO ALLOW FOR REMOVAL OF CEILING TILES AND LIGHTS
- 25. DO NOT INSTALL RACEWAYS IN FLOOR SLABS. INSTALL RACEWAYS BELOW SLAB ON GRADE AT LEAST 6-INCHES BELOW BOTTOM OF SLAB. FEEDER CONDUITS SHALL BE AT LEAST 24-INCHES BELOW BOTTOM OF
- 26. UNLESS NOTED OTHERWISE, JUNCTION BOXES AND PULL BOXES SHALL BE LISTED AND LABELLED BY A NATIONALLY RECOGNIZED TESTING LABORATORY.

GENERAL NOTES - DEMOLITION:

- FIELD VERIFY EXISTING CONDITIONS PRIOR TO BEGINNING WORK. THESE DRAWINGS DO NOT SHOW ALL REQUIRED DEMOLITION WORK. SOME CONDITIONS MAY HAVE BEEN CONCEALED DURING FIELD SURVEYS.
- 2. DEVICES AND EQUIPMENT SHOWN DASHED AND WITH HEAVY LINE WEIGHT ON DEMOLITION DRAWINGS SHALL
- BE REMOVED IN THEIR ENTIRETY, INCLUDING ALL WIRING TO SOURCE, UNLESS OTHERWISE NOTED. DISPOSAL OF DEMOLISHED MATERIALS SHALL COMPLY WITH LOCAL, STATE, AND FEDERAL REGULATIONS.
- 4. CONTRACTOR SHALL PROTECT EXISTING OWNER FACILITIES THAT ARE TO REMAIN DURING CONSTRUCTION.
- ANY FACILITIES DAMAGED OR DISCONNECTED BY CONTRACTOR SHALL BE IMMEDIATELY RESTORED TO PREVIOUS CONDITION.
- OWNER SHALL HAVE "RIGHT OF FIRST REFUSAL" FOR DEMOLISHED ITEMS. CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO BEGINNING WORK TO DETERMINE WHATE ITEMS THE OWNER MAY BE INTERESTED IN KEEPING. CONTRACTOR SHALL CAREFULLY REMOVE SUCH ITEMS AND DELIVER TO OWNER'S DESIGNATED STORAGE AREA. FOR ITEMS DEEMED OBSOLETE BY THE OWNER, CONTRACTOR SHALL IMMEDIATELY REMOVE SUCH ITEMS FROM THE PREMISES, UNLESS OTHERWISE NOTED.
- CONTROLLERS, WIRING, ETC. COMPLETE. FOR EQUIPMENT OR DEVICES BEING REMOVED FROM WALLS THAT WILL REMAIN, REMOVE EXISTING DEVICE BOX AND PATCH WALL, UNLESS OTHERWISE REQUIRED OR INSTRUCTED. FINISH CONDITION SHALL SHOW NO INDICATION OF PREVIOUS INSTALLATION.
- PROVIDE ADEQUATE SUPPORT FOR EXISTING CABLING/RACEWAYS ABOVE CEILING AS REQUIRED. REMOVE OBSOLETE CABLING, WIRING, RACEWAYS, ETC.

6. FOR MECHANICAL OR KITCHEN EQUIPMENT BEING REMOVED, REMOVE ASSOCIATED DISCONNECTS,

- REMOVE ASSOCIATED ELECTRICAL FOR ANY EXISTING EQUIPMENT BEING REMOVED BY ANY TRADE. REFER
- CONTRACTOR SHALL REMOVE EXISTING DEVICES ON WALLS BEING REMOVED, WHETHER DEVICES ARE SHOWN OR NOT, UNLESS OTHERWISE INSTRUCTED.
- 10. COORDINATE SCHEDULING OF DEMOLITION WORK WITH OWNER AND TRADES.
- 11. PATCH EXISTING HOLES THROUGH WALLS AND FLOORS WHERE EXISTING RACEWAYS OR CABLES ARE
- 12. FOR DEMOLITION OF RECESSED PANELS AND SIMILAR EQUIPMENT, COORDINATE WALL PATCH WITH GENERAL CONTRACTOR PRIOR TO BEGINNING WORK.



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A21-045

RECEPTACLE OUTLETS (GENERAL), TELEPHONE & DATA OUTLETS RECEPTACLE, TELEPHONE, AND DATA OUTLETS 36' ABOVE 30" COUNTERTOPS RECEPTACLE, TELEPHONE, AND DATA OUTLETS 42" ABOVE 36" COUNTERTOPS ELEVATOR AND HOISTWAY CONTROL BUTTONS | 42" TO CENTER OF DEVICE BOX CARD READERS, FIRE ALARM STATIONS, PUSH 48" TO TOP OF DEVICE BOX BUTTONS, THERMOSTATS, TOGGLE SWITCHES, ALL INTERCOM STATIONS, WALL TELEPHONE OUTLETS SPECIAL PURPOSE OUTLETS WITHIN 72" OF INTENDED USE FIRE ALARMS (GONGS, BELLS, HORNS, LIGHTS) 80", OR 6" BELOW CEILING, WHICHEVER IS LOWEST.

MOUNTING HEIGHTS ARE TO BOTTOM OF DEVICE BOX UNLESS NOTED OTHERWISE.

TYPICAL MOUNTING HEIGHTS

HEIGHT

OF DOOR FRAME AND CEILING

6" BELOW CEILING

96" TO CENTER OF DEVICE BOX, BUT AT LEAST

WALL LIGHTING OUTLETS 84" TO CENTER OF DEVICE BOX 97" TO CENTER OF CLOCK, BUT AT LEAST 6" CLOCKS BETWEEN TOP OF CLOCK AND CEILING. ABOVE DOORS CENTER CLOCK BETWEEN TOP

BELLS, BUZZERS, CHIMES

COMPLY WITH ACCESSIBILITY CODE.

FEEDER CONDUCTOR SIZES SHOWN ON THESE BID DOCUMENTS HAVE BEEN SELECTED TO MAINTAIN

					CIRCUIT TO YN CONDITION	MAINTAIN LESS THAN 3% S REQUIRE.
WIRE SIZE	120V-1P	208V-1P	208V-3P	277V-1P	480V-3P	CONDUCTOR LENGTHS
#12	0'-80'	0'-140'	0'-160'	0'-185'	0'-375'	INDICATED ARE TO THE FIRST DEVICE (BUT
#10	81'-135'	141'-230'	161'-270'	186'-310'	376'-620'	MAINTAIN MAXIMUM 5% VOLTAGE DROP TO THE
#8	136'-200'	231'-350'	271'-410'	311'-470'	621'-940'	LAST DEVICE FOR KNOWN LOADS).
#6	201'-315'	351'-550'	411'-635'	471'-735'	941'-1475'	KINOVIN LOADS).

BRANCH CIRCUIT WIRING CHART

DEMOLITION LEGEND: WORK TO BE REMOVED WORK TO REMAIN **GENERAL NOTES:**

1. SEE E0.0 FOR GENERAL NOTES.

PLAN NOTES:

SOURCE.

- 1. OVENS FED FROM 40A-3P BREAKER IN PANEL 'K200'. REMOVE ALL DISCONNECTS AND ASSOCIATED WIRING AND CONDUIT BACK TO
- 2. GARBAGE DISPOSAL FED FROM 20A-3P BREAKER IN PANEL 'K200'. REMOVE ALL DISCONNECTS AND ASSOCIATED WIRING AND CONDUIT
- 3. STOVES FED FROM 60A-3P BREAKER IN PANEL 'K200'. REMOVE ALL DISCONNECTS AND ASSOCIATED WIRING AND CONDUIT BACK TO SOURCE.

4. BOOSTER HEATER AND DISHWASHER FED FROM 60A-2P BREAKER

- AND 40A-2P BREAKER IN PANEL 'K100. REMOVE ALL DISCONNECTS AND ASSOCIATED WIRING AND CONDUIT BACK TO SOURCE. 5. WARMER FED FROM 30A-3P BREAKER IN PANEL 'K100'. REMOVE ALL DISCONNECTS AND ASSOCIATED WIRING AND CONDUIT BACK TO
- 6. COLD CASE DISPLAY FED FROM 20A-3P BREAKER. REMOVE ALL ASSOCIATED WIRING AND CONDUIT BACK TO SOURCE. CONFIRM SOURCE IN FIELD.

PLAN NOTES:

- 7. OVEN FED FROM 30A-2P BREAKER. REMOVE DISCONNECTS AND ALL ASSOCIATED WIRING AND CONDUIT BACK TO SOURCE. CONFIRM SOURCE IN FIELD.
- 8. STEAMER FED FROM 30A-3P BREAKER IN PANEL 'K100'. REMOVE DISCONNECTS AND ASSOCIATED WIRING AND CONDUIT BACK TO
- 9. REMOVE CONTACTORS, WIRING, AND ENCLOSURE.
- 10. KITCHEN HOOD AND ASSOCIATED EXHAUST FANS TO BE REMOVED. REMOVE DISCONNECTS AND ALL ASSOCIATED WIRING AND CONDUIT BACK TO SOURCE.
- 11. EXHAUST FAN TO BE REMOVED. REMOVE DISCONNECT AND ALL ASSOCIATED WIRING AND CONDUIT BACK TO SOURCE.
- 12. LIGHT SWITCHES CONTROLLING CAFETERIA LIGHT FIXTURES TO BE RELOCATED. SEE E2.0 FOR NEW LOCATION.
- 13. HORN-STROBE TO BE RELOCATED. SEE E2.1 FOR NEW LOCATION.

PLAN NOTES:

- 14. SPEAKER TO BE RELOCATED. SEE E2.1 FOR NEW LOCATION.
- 15. DATA OUTLET TO BE RELOCATED. SEE E2.1 FOR NEW LOCATION.
- 16. EXISTING LIGHT FIXTURES TO BE REMOVED. DISCONNECT FROM EXISTING CIRCUIT AND TURN OVER TO OWNER FOR STORAGE AND

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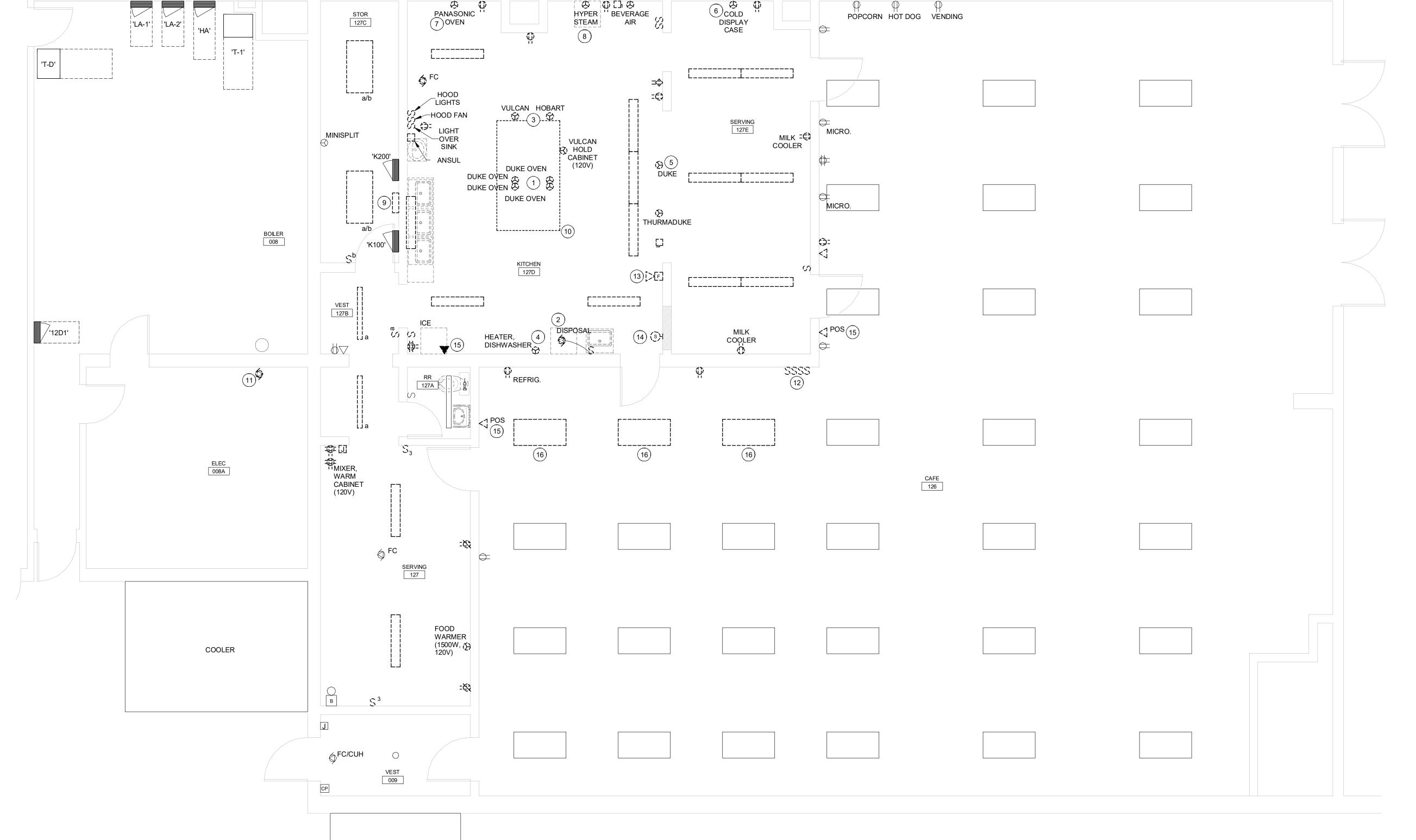
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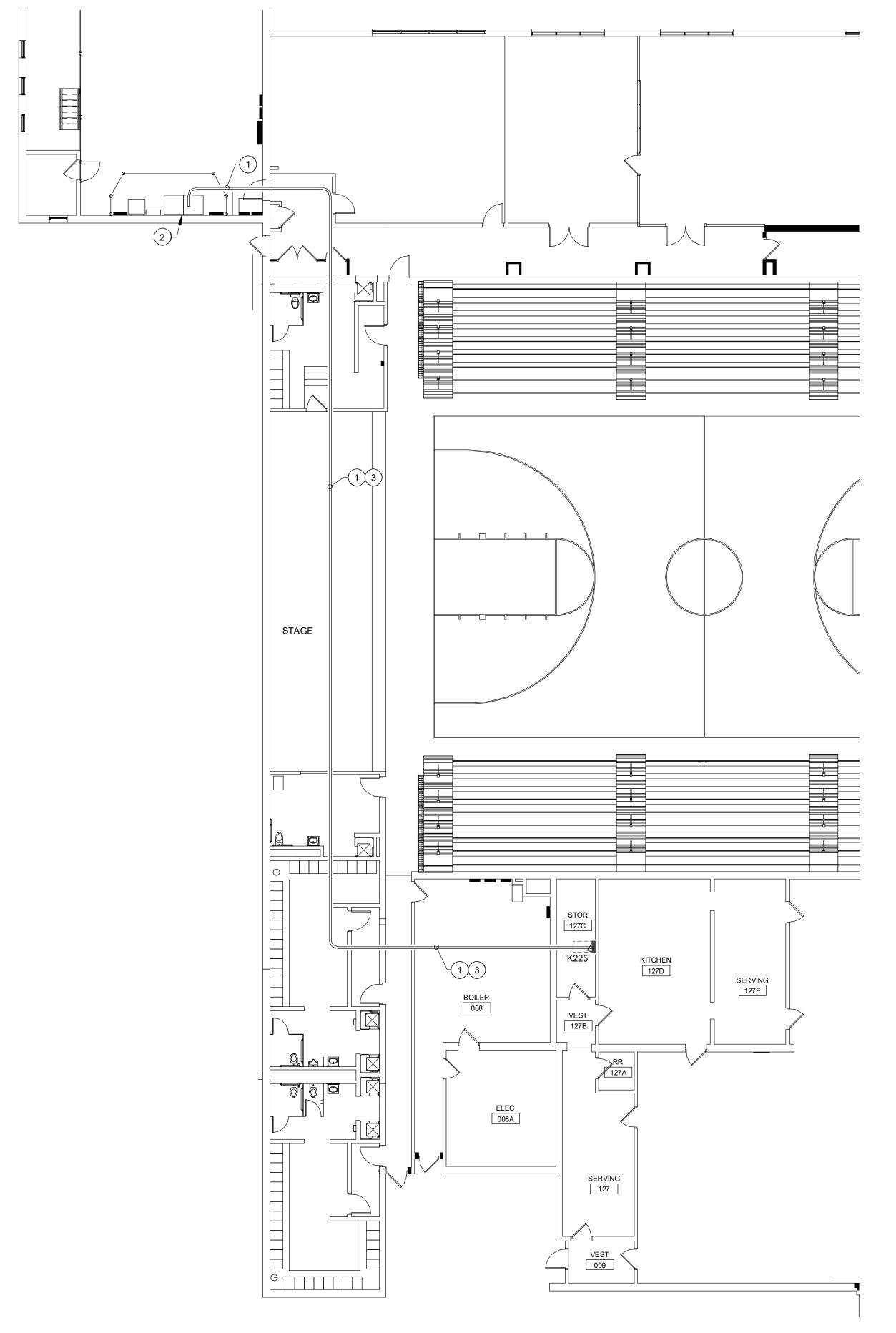
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ED2.0







OVERALL FLOOR PLAN - CONDUIT ROUTING SCALE: 3/32" = 1'-0"

GENERAL NOTES:

1. SEE DRAWING E0.0 FOR GENERAL NOTES.

PLAN NOTES:

- 1. PROVIDE 4 #250 MCM, 1 #3 GND, 3" CONDUIT TO MAIN SWITCHBOARD.
- 2. EXISTING 1200A, 120/208V MAIN SWITCHBOARD (SQUARE D QED2). PROVIDE A SQUARE D KA36225 BREAKER IN EXISTING SPACE.
- 3. ROUTE CONDUIT ALONGSIDE EXISTING FEEDER CIRCUITS. PROVIDE ALL NECESSARY SUPPORTS FROM STRUCTURE. REMOVE AND RE-INSTALL EXISTING CEILINGS AS REQUIRED. VERIFY ROUTING IN

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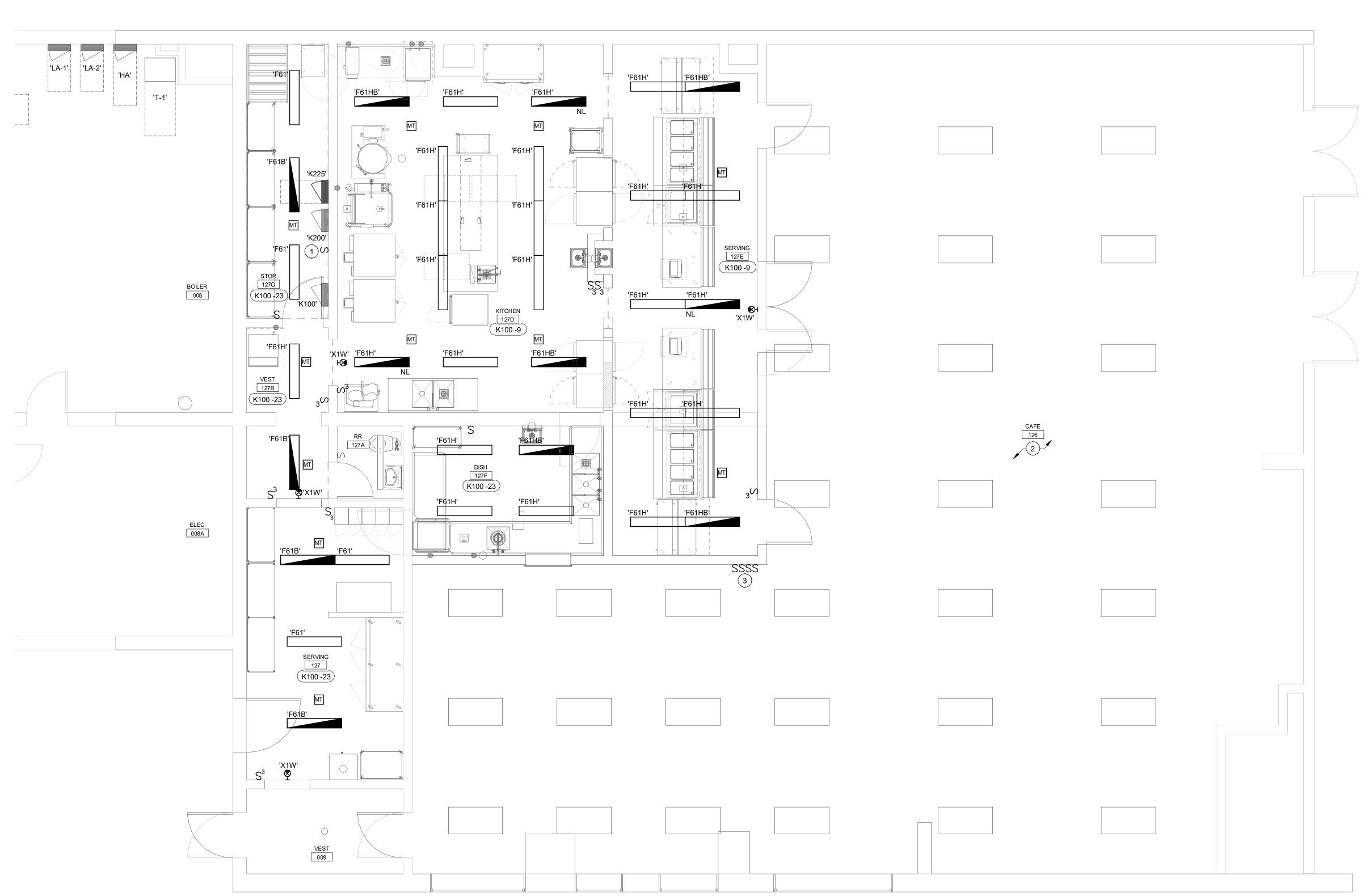
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E1.0





RENOVATION LEGEND:

WORK TO BE INSTALLED

WORK TO REMAIN

GENERAL NOTES:

1. SEE E0.0 FOR GENERAL NOTES.

PLAN NOTES:

- 1. PROVIDE AN OCCUPANCY SENSOR OVERRIDE TOGGLE SWITCH. WIRE IN PARALLEL WITH POWER PACK CONTROL CONTACT. LABEL ACCORDINGLY. SWITCH TO BE USED TO OVERRIDE AUTO-OFF OF LIGHTING DURING MAINTENANCE AT ELECTRICAL PANELS.
- 2. EXISTING LIGHTING TO REMAIN IN THIS AREA.
- 3. INSTALL RELOCATED LIGHT SWITCHES IN THIS LOCATION. PROVIDE WIRING AND CONDUIT AS REQUIRED TO CONNECT LIGHT FIXTURES TO EXISTING CIRCUITS AND SWITCHLEGS. COORDINATE IN FIELD.

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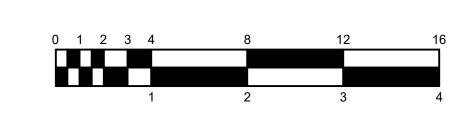
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E2.0



	2. SEE E3.0 FOR KITCHEN EQUIPMENT SCHEDULES AND GENERAL NOTES.	 RELOCATED POS STATION. RONEW LOCATION. RELOCATED HORN-STROBE. R CABLING AS REQUIRED. RELOCATED SPEAKER. ROUTE LOCATION.
TOY INDICATION I		
COOLER CO		

KITCHEN/DINING FLOOR PLAN - POWER AND SIGNALS

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

FREEZER



RENOVATION LEGEND:

WORK TO BE INSTALLED

WORK TO REMAIN

GENERAL NOTES:

1. SEE E0.0 FOR GENERAL NOTES.

1. EXISTING EQUIPMENT AND DEVICES IN THIS AREA TO REMAIN.

2. RESTROOM EXHAUST FAN TO REMAIN.

3. PROVIDE GFCI OUTLET IN SAME LOCATION AS EXISTING.

4. CONNECT OUTLET TO EXISTING CIRCUIT SERVING CAFETERIA RECEPTACLES.

5. RELOCATED PHONE. ROUTE EXISTING TELECOM CABLING TO NEW LOCATION.

OUTE EXISTING TELECOM CABLING TO

REWORK EXISTING FIRE ALARM

E EXISTING CABLING TO NEW

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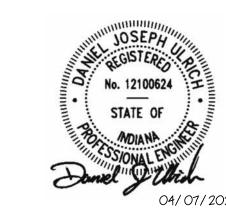
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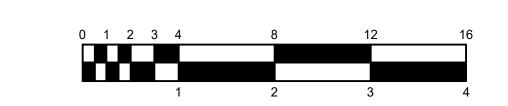
E2.1

					KITCHEN	N EQUIPMEN	T ELECTRICAL S	SCHEDULE		
TAG	ITEM DESCRIPTION	WATTS	ELECTRICAL DATA	CIRCUIT	HP NEMA	HEIGHT (AFF)	BREAKER	CONDUIT/WIRE	CONNECTION	ELECTRICAL NOTES
CO1	GENERAL RECEPTACLE	180 W	120 V/1-180 VA	K200-40	5-20R GFCI	16"	20A-1P	2 #12, 1 #12 GND, 3/4" C.		
CO2	GENERAL RECEPTACLE	180 W	120 V/1-180 VA	K200-42	5-20R GFCI	16"	20A-1P	2 #12, 1 #12 GND, 3/4" C.		
CO3 CO3B	GENERAL RECEPTACLE GENERAL RECEPTACLE	180 W 180 W	120 V/1-180 VA 120 V/1-180 VA	K100-16 K100-16	5-20R GFCI 5-20R GFCI	16" 16"	20A-1P 20A-1P	2 #12, 1 #12 GND, 3/4" C. 2 #12, 1 #12 GND, 3/4" C.		
CO4	GENERAL RECEPTACLE	180 W	120 V/1-180 VA	K100-18	5-20R GFCI	16"	20A-1P	2 #12, 1 #12 GND, 3/4" C.		
CO5	GENERAL RECEPTACLE	180 W	120 V/1-180 VA	K100-18	5-20R GFCI	16"	20A-1P	2 #12, 1 #12 GND, 3/4" C.		
CO6	GENERAL RECEPTACLE	180 W	120 V/1-180 VA	K100-20	5-20R GFCI	16"	20A-1P	2 #12, 1 #12 GND, 3/4" C.		
CO7 CO8	GENERAL RECEPTACLE GENERAL RECEPTACLE - KITCHEN OFFICE	180 W 360 W	120 V/1-180 VA 120 V/1-360 VA	K100-20 K100-25	5-20R GFCI 5-20R	16" 16"	20A-1P 20A-1P	2 #12, 1 #12 GND, 3/4" C. 2 #12, 1 #12 GND, 3/4" C.		
CO9	GENERAL RECEPTACLE	180 W	120 V/1-180 VA	K100-20	5-20R GFCI	16"	20A-1P	2 #12, 1 #12 GND, 3/4" C.		
E1	HOT WATER DISPENSER	4992 W	208 V/1-4992 VA	K200-25,27	6-30R	44"	30A-2P	2 #10, 1 #10 GND, 3/4" C.	CORD AND PLUG	
E2	RAPID MICROWAVE OVEN	0 W	208 V/1-0 VA		-	24"	-		CORD AND PLUG	CORD AND PLUG TO NEMA 6-30R RECEPTACLE ON ISLAND WORKTABLE. SEE E10A.
E10	ISLAND WORK TABLE - CIRCUIT #1	1800 W	120 V/1-1800 VA	K200-29	5-20R	U"	20A-1P	2 #12, 1 #12 GND, 3/4" C.	DIRECT CONNECTION	MOUNTED TO ITEM 10. E.C. TO STUB UP TO J-BOX AND RUN THROUGH TO TWO (2) PRE-WIRED CONVENIENCE OUTLETS ON ISLAND WORKTABLE.
E10A	ISLAND WORK TABLE - CIRCUIT #2	2100 W	208 V/1-2100 VA	K200-31,33	6-30R	0"	30A-2P	2 #10, 1 #10 GND, 3/4" C.	DIRECT CONNECTION	MOUNTED TO ITEM 10. E.C. TO STUB UP TO J-BOX AND RUN THROUGH TO ONE (1) PRE-WIRED NEMA 6-30R RECEPTACLE MOUNTED TO TABLE.
E11	HEATED HOLDING CABINET	1920 W	120 V/1-1920 VA	K200-35	5-20R	4 1/2"	20A-1P	2 #12, 1 #12 GND, 3/4" C.	CORD AND PLUG	PROVIDE PEDESTAL RECEPTACLE.
E12	EXHAUST HOOD SYSTEM	1440 W	120 V/1-1440 VA	K200-15	DIRECT	J-BOX ON HOOD	20A-1P	2 #12, 1 #12 GND, 3/4" C.	DIRECT CONNECTION	PROVIDE CONNECTION TO JUNCTION BOX ON TOP OF EXHAUST HOOD FOR LIGHTING/CONTROLS CIRCUIT. PROVIDE AND INSTALL CONDUIT AND TWO (2) WIRES FROM MICROSWITCH IN FIRE SUPPRESSION SYSTEM CABINET TO TERMINAL BLOCK IN JUNCTION BOX ON TOP OF HOOD. REFER TO MANUFACTURER'S DRAWINGS FOR FINAL CONNECTION LOCATIONS. PROVIDE CONNECTION FROM EXHAUST HOOD TO CONTACTOR IN PANELBOARD 'K225' FOR SHUTDOWN WHEN HOOD FIRE SUPPRESSION SYSTEM IS RELEASED.
E12A	EXHAUST FAN	2339 W	208 V/3-2339 VA		1-1/2 DIRECT	ON ROOF	40A-3P	3 #8, 1 #10 GND, 3/4" C.	DIRECT CONNECTION	EXTEND 40A CIRCUIT FROM MOTOR STARTER IN MAU UNIT TO EXHAUST FAN DISCONNECT. PROVIDE 60A-3P FUSED DISCONNECT IN NEMA 3R ENCLOSURE AT
				K200-2,4,6						EXHAUST FAN. PROVIDE NEMA SIZE 1 COMBINATION MAGNETIC MOTOR STARTER AND DISCONNECT IN NEMA 3R ENCLOSURE AT MAU FOR CONTROL OF EXHAUST FAN. PROVIDE FUSES AS REQUIRED. CONFIRM LOCATIONS WITH KEC DRAWINGS.
E12B	TEMPERED MAKE-UP AIR FAN	2699 W	208 V/3-2699 VA	K200-2,4,6	2 DIRECT	ON ROOF	40A-3P	3 #8, 1 #10 GND, 3/4" C.	DIRECT CONNECTION	PROVIDE 208V, 3-POLE, 60A FUSED DISCONNECT IN NEMA 3R ENCLOSURE. FUSE PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE WIRING TO MUA UNIT DISCONNECT. E.C. TO EXTEND AND CONNECT PRE-WIRED CONTROL WIRING HARNESS FROM MAKEUP AIR UNIT TO TERMINAL STRIP IN EXHAUST HOOD JUNCTION BOX.
E13	REMOTE FIRE PULL STATION	0 W	120 V/1-0 VA		-	48"	-	-	-	PROVIDE FLUSH MOUNTED 4-INCH X 4-INCH OCTAGONAL FIRE PULL STATION BOX WITH 1/2-INCH CONDUIT FROM BOX TO ANSUL SYSTEM ON HOOD. COORDINATE ELECTRICAL/FIRE ALARM CONNECTION TO ANSUL SYSTEM. CONNECT TO EXISTING FIRE ALARM SYSTEM. PROVIDE 120V CIRCUIT FROM SPARE BREAKER IN PANEL 'K200' TO FIRE SUPPRESSION SYSTEM CONTROL PANEL.
E14	40-GALLON TILT KETTLE	21231 W	208 V/3-21231 VA	K225-14,16,18	DIRECT	28"	80A-3P	3 #4, 1 #8 GND, 1-1/4" C.	DIRECT CONNECTION	PROVIDE 208V, 3-POLE, 100A NON-FUSED DISCONNECT IN STAINLESS STEEL ENCLOSURE. PROVIDE CONNECTION TO EQUIPMENT.
E15	3-PAN STEAMER	14034 W	208 V/3-14034 VA	K200-1,3,5	DIRECT	44"	50A-3P	3 #8, 1 #10 GND, 3/4" C.	DIRECT CONNECTION	PROVIDE 208V, 3-POLE, 60A NON-FUSED DISCONNECT IN STAINLESS STEEL ENCLOSURE. PROVIDE CONNECTION TO EQUIPMENT.
E16	30-GALLON TILT SKILLET	11500 W	208 V/3-11500 VA	K225-13,15,17	DIRECT	44"	40A-3P	3 #8, 1 #10 GND, 3/4" C.	DIRECT CONNECTION	PROVIDE 208V, 3-POLE, 60A NON-FUSED DISCONNECT IN STAINLESS STEEL ENCLOSURE. PROVIDE CONNECTION TO EQUIPMENT.
E17	DOUBLE-DECK CONVECTION OVEN - BOTTOM DECK	12000 W	208 V/3-12000 VA	K225-7,9,11	1/2 DIRECT	20"	50A-3P	3 #8, 1 #10 GND, 3/4" C.	DIRECT CONNECTION	PROVIDE 208V, 3-POLE, 60A NON-FUSED DISCONNECT IN STAINLESS STEEL ENCLOSURE. PROVIDE CONNECTION TO CONVECTION OVEN AT HEIGHT INDICATED.
E17	DOUBLE-DECK CONVECTION OVEN - BOTTOM DECK	12000 W	208 V/3-12000 VA	K225-1,3,5	1/2 DIRECT	20"	50A-3P	3 #8, 1 #10 GND, 3/4" C.	DIRECT CONNECTION	PROVIDE 208V, 3-POLE, 60A NON-FUSED DISCONNECT IN STAINLESS STEEL ENCLOSURE. PROVIDE CONNECTION TO CONVECTION OVEN AT HEIGHT INDICATED.
E17A	DOUBLE-DECK CONVECTION OVEN - TOP DECK	12000 W	208 V/3-12000 VA	K225-8,10,12	1/2 DIRECT	44"	50A-3P	3 #8, 1 #10 GND, 3/4" C.	DIRECT CONNECTION	PROVIDE 208V, 3-POLE, 60A NON-FUSED DISCONNECT IN STAINLESS STEEL ENCLOSURE. PROVIDE CONNECTION TO CONVECTION OVEN AT HEIGHT INDICATED.
E17A	DOUBLE-DECK CONVECTION OVEN - TOP DECK	12000 W	208 V/3-12000 VA	K225-2,4,6	1/2 DIRECT	44"	50A-3P	3 #8, 1 #10 GND, 3/4" C.	DIRECT CONNECTION	PROVIDE 208V, 3-POLE, 60A NON-FUSED DISCONNECT IN STAINLESS STEEL ENCLOSURE. PROVIDE CONNECTION TO CONVECTION OVEN AT HEIGHT INDICATED.
E19	SLICER W/ EQUIPMENT STAND	672 W	120 V/1-672 VA	K100-21	1/2 5-20R GFCI	44"	20A-1P	2 #12, 1 #12 GND, 3/4" C.	CORD AND PLUG	
E23	DISHWASHER - HIGH TEMP. ELECTRIC	6656 W	208 V/1-6656 VA	K100-5,7	DIRECT	ON DISHWASHER	40A-2P	2 #8, 1 #10 GND, 3/4" C.	DIRECT CONNECTION	PROVIDE 208V, 2-POLE, 60A NON-FUSED DISCONNECT IN STAINLESS STEEL ENCLOSURE. WIRE TO BOOSTER HEATER ON DISHWASHER. COORDINATE EXACT CONNECTION LOCATION IN FIELD.
E23.1	DISHWASHER - BOOSTER HEATER	9984 W	208 V/1-9984 VA	K100-1,3	DIRECT	ON DISHWASHER	60A-2P	2 #6, 1 #10 GND, 1" C.	DIRECT CONNECTION	PROVIDE 208V, 2-POLE, 60A NON-FUSED DISCONNECT IN STAINLESS STEEL ENCLOSURE. WIRE TO BOOSTER HEATER ON DISHWASHER. COORDINATE EXACT CONNECTION LOCATION IN FIELD.
E25	GARBAGE DISPOSER W/ CONTROL PANEL	2159 W	208 V/3-2159 VA	K100-2,4,6	DIRECT	20"	20A-3P	3 #12, 1 #12 GND, 3/4" C.	DIRECT CONNECTION	PROVIDE 208V, 3-POLE, 20A FUSED DISCONNECT SWITCH IN A STAINLESS STEEL ENCLOSURE. PROVIDE CONNECTION THROUGH CONTROL PANEL. E.C. TO INTERCONNECT SOLENOID VALVE AS REQUIRED.
E26	CONDENSATE EXHAST HOOD	720 W	120 V/1-720 VA	K100-24	1/2 DIRECT	ON HOOD	20A-1P	2 #12, 1 #12 GND, 3/4" C.	DIRECT CONNECTION	PROVIDE NEMA SIZE 1 MOTOR STARTER WITH AUXILIARY CONTACT FOR CONTROL OF CONDENSATE EXHAUST FAN. EXTEND AND CONNECT CONTROL WIRING BETWEEN MOTOR STARTER AND FACTORY INSTALLED CONTACTS ON DISHMACHINE. PROVIDE 20A NON-FUSED DISCONNECT IN NEMA 3R ENCLOSURE ON ROOF BY EXHAUST FAN. COORDINATE EXACT LOCATION WITH KITCHEN EQUIPMENT INSTALLER.
E29	PASS-THRU HEATED CABINET	1500 W	208 V/1-1500 VA	K200-10,12	DIRECT	100"	20A-2P	3 #12, 1 #12 GND, 3/4" C.	DIRECT CONNECTION	PROVIDE DIRECT CONNECTION TO EQUIPMENT. COORDINATE EXACT CONNECTION POINT IN FIELD.
E29	PASS-THRU HEATED CABINET	1500 W	208 V/1-1500 VA	K200-7,9	DIRECT	100"	20A-2P	3 #12, 1 #12 GND, 3/4" C.	DIRECT CONNECTION	PROVIDE DIRECT CONNECTION TO EQUIPMENT. COORDINATE EXACT CONNECTION POINT IN FIELD.
E30 E30	PASS-THRU REFRIGERATOR PASS-THRU REFRIGERATOR	960 W	120 V/1-960 VA	K200-11	1/3 5-20R GFCI	100" 100"	20A-1P	2 #12, 1 #12 GND, 3/4" C.	CORD AND PLUC	
E30	4-WELL HOT FOOD SERVING UNIT	960 W 4820 W	120 V/1-960 VA 208 V/3-4820 VA	K200-8 K200-14,16,18	1/3 5-20R GFCI 14-20R	4 1/2"	20A-1P 20A-3P	2 #12, 1 #12 GND, 3/4" C. 3 #10, 1 #10 GND, 3/4" C.	CORD AND PLUG CORD AND PLUG	PROVIDE PEDESTAL RECEPTACLE. VERIFY RECEPTACLE WITH EQUIPMENT.
E32	4-WELL HOT FOOD SERVING UNIT	4820 W	208 V/3-4820 VA	K200-20,22,24	14-20R	4 1/2"	20A-3P	3 #10, 1 #10 GND, 3/4" C.	CORD AND PLUG	PROVIDE PEDESTAL RECEPTACLE. VERIFY RECEPTACLE WITH EQUIPMENT.
E33	2-WELL COLD FOOD SERVING UNIT	840 W	120 V/1-840 VA	K200-32	5-20R	4 1/2"	20A-1P	2 #12, 1 #12 GND, 3/4" C.	CORD AND PLUG	PROVIDE PEDESTAL RECEPTACLE.
E33 E34	2-WELL COLD FOOD SERVING UNIT CASHIER COUNTER UNIT	840 W 1800 W	120 V/1-840 VA 120 V/1-1800 VA	K200-34 K200-36	5-20R 5-20R	4 1/2" 4 1/2"	20A-1P 20A-1P	2 #12, 1 #12 GND, 3/4" C. 2 #12, 1 #12 GND, 3/4" C.	CORD AND PLUG CORD AND PLUG	PROVIDE PEDESTAL RECEPTACLE. PROVIDE PEDESTAL RECEPTACLE.
E34	CASHIER COUNTER UNIT	1800 W	120 V/1-1800 VA 120 V/1-1800 VA	K200-36 K200-38	1/3 5-20R	4 1/2"	20A-1P 20A-1P	2 #12, 1 #12 GND, 3/4" C. 2 #12, 1 #12 GND, 3/4" C.	CORD AND PLUG CORD AND PLUG	PROVIDE PEDESTAL RECEPTACLE. PROVIDE PEDESTAL RECEPTACLE.
E36	MILK COOLER	504 W	120 V/1-504 VA	K200-37	1/3 5-20R	16"	20A-1P	2 #12, 1 #12 GND, 3/4" C.	CORD AND PLUG	
E36	MILK COOLER	504 W	120 V/1-504 VA	K200-39	5-20R	16"	20A-1P	2 #12, 1 #12 GND, 3/4" C.	CORD AND PLUG	
E39 E44	ICE MACHINE 3-SECTION REACH-IN REFRIGERATOR	810 W 750 W	120 V/1-810 VA 120 V/1-750 VA	K100-27 K100-22	5-20R 1/3 5-20R	20"	20A-1P 20A-1P	2 #12, 1 #12 GND, 3/4" C. 2 #12, 1 #12 GND, 3/4" C.	CORD AND PLUG CORD AND PLUG	
E47	REACH-IN FREEZER	1080 W	120 V/1-750 VA 120 V/1-1080 VA	K100-22 K100-14	1-1/4 5-20R	36"	20A-1P 20A-1P	2 #12, 1 #12 GND, 3/4 °C. 2 #12, 1 #12 GND, 3/4 °C.	CORD AND PLUG	VERIFY CONNECTION LOCATION.
E70	ROOFTOP UNIT (RTU-1)	8300 W	208 V/3-8300 VA	K100-8,10,12	DIRECT	ON ROOF	30A-3P	3 #10, 1 #10 GND, 3/4" C.	DIRECT CONNECTION	PROVIDE 208V, 3-POLE, 30A NON-FUSED DISCONNECT IN NEMA 3R ENCLOSURE AT ROOFTOP UNIT. PROVIDE CONNECTION TO UNIT.
E70.1	ROOFTOP UNIT RECEPTACLE	180 W	120 V/1-180 VA	K200-41	5-20R GFCI	ON ROOF	20A-1P	2 #12, 1 #12 GND, 3/4" C.		PROVIDE WEATHERPROOF DUPLEX GFCI RECEPTACLE AT ROOFTOP UNIT.

GENERAL NOTES:

- 1. VERIFY ALL FINAL REQUIREMENTS PRIOR TO ROUGH-IN.
- 2. REFER TO FOOD SERVICE EQUIPMENT SPECIFICATION SECTION 114000 FOR ADDITIONAL REQUIREMENTS.
- 3. ROUGH-IN ALL REQUIRED ELECTRICAL SERVICES AS SHOWN ON DRAWINGS PROVIDED BY FSEC AFTER BIDDING.
- 4. ALL FINAL CONNECTIONS FROM POINT OF ROUGH-IN SHOWN ON THE PLANS AND SPECIFICATIONS TO THE CONNECTION POINTS ON THE EQUIPMENT.
- 5. FURNISH AND INSTALL ALL DISCONNECTS, CONDUIT, WIRE, FLEXIBLE CONDUIT, COVER PLATES, AND FITTINGS AS REQUIRED TO MAKE THE FINAL CONNECTIONS FROM THE JUNCTION BOX TO THE EQUIPMENT.
- 6. ALL INTER-WIRING OF THE FIRE SYSTEM TO FUEL SHUTOFFS. PROVIDE FUEL SHUTOFFS AND SHUNT TRIP BREAKERS WHERE REQUIRED.
- 7. ALL INTER-WIRING OF WALK-IN COOLER/FREEZER, INCLUDING INSTALLATION OF LIGHT FIXTURES FURNISHED LOOSE BY THE FSEC. INCLUDE PROVIDING AND INSTALLING THE CONTROL WIRING BETWEEN THE REMOTE REFRIGERATION UNITS LOCATED ON THE ROOF AND THE EVAPORATOR COILS LOCATED IN THE WALK-IN COOLER AND FREEZER. E.C. TO EXTEND POWER TO THE FREEZER EVAPORATOR COIL FROM THE REMOTE REFRIGERATION UNIT LOCATED ON THE ROOF.
- 8. PROVIDE CONTROL WIRING FROM FAN ON ROOF AND ON/OFF WALL SWITCH OR DISHMACHINE CONTROL PANEL FOR CONDENSATE EXHAUST SYSTEM ON/OFF CONTROL IN
- 9. INTERWIRING BETWEEN DISPOSER AND DISPOSER CONTROL PANEL.





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SCOPE DOCUMENT

THE DRAWINGS INDICATE THE GENERAL SCOPE OF THE PROJECT IN TERMS OF ARCHITECTURAL DESIGN CONCEPT, THE DIMENSIONS OF THE BUILDING, THE MAJOR ARCHITECTURAL ELEMENTS AND THE TYPE OF STRUCTURAL, MECHANICAL AND ELECTRICAL

SYSTEMS. AS SCOPE DOCUMENTS, THE DRAWINGS DO NOT NECESSARILY INDICATE OR DESCRIBE ALL WORK THAT IS REQUIRED FOR FULL PERFORMANCE
AND COMPLETION OF THE
REQUIREMENTS OF THE CONTRACT
DOCUMENTS. ON THE BASIS OF THE GENERAL SCOPE INDICATED OR DESCRIBED, THE TRADE CONTRACTORS SHALL FURNISH ALL ITEMS REQUIRED FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK.



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REVISIONS NO. DESCRIPTION DATE

	LIGHT	FIXTURE S	CHEDI	JLE						
MARK	DESCRIPTION	MOUNTING	TOTAL FIXTURE WATTS	CRI	WATTS	COLOR	LUMENS	VOLTS	MANUFACTURER(S)	MARK
F61	4-FOOT DECORATIVE WRAP AROUND, ACRYLIC PRISMATIC DIFFUSER, WHITE FINISH.	SURFACE	34	80	33.9W	3500K	4500	120 V	COLUMBIA RLW SERIES LITHONIA FML4W SERIES METALUX LW SERIES	F61
F61B	SAME AS 'F61', EXCEPT EMERGENCY BATTERY PACK (ELL14).	SURFACE	34	80	33.9W	3500K	4500	120 V		F61B
F61H	SAME AS 'F61', EXCEPT OUTPUT.	SURFACE	48	80	48.1W	3500K	6000	120 V		F61H
F61HB	SAME AS 'F61', EXCEPT OUTPUT AND EMERGENCY BATTERY PACK.	SURFACE	48	80	48.1W	3500K	6000	120 V		F61HB
X1W	THERMOPLASTIC EXIT SIGN, WHITE HOUSING, SELF POWERED, SELF DIAGNOSTIC.	SURFACE WALL	5	80	5W	RED	N/A	120 V	DUAL-LITE SE SERIES SURE-LITES CX SERIES LITHONIA LE SERIES	X1W

	K225		P	ANI	ELBOA	RD SCH	EDUL	E.						
LOCA	ATION: STOR. 127C SCCR (AMPS R	RMS 22,000			SERVICE	SERVICE : 208Y/120V 3Φ			AMP : 225 A			NEMA: Type 1	MOUNTIN SURFA	ACE
СКТ	DESCRIPTION	NOTE	AMP	POLE	A	В	С	POLE AMP		NOTE	l	DESCRIPTION		СКТ
1	ITEM 17 - SOUTH DOUBLE-DECK CONVECTION	1			4000 / 4000	_						SOLITH DOLINE E-	DECK CONVECTION	2
3	OVEN		50 A	3		4000 / 4000		3	50 A		TILIVITIA -	OVEN	DECK CONVECTION	4
5	BOTTOM DECK						4000 / 4000			TOP DECK				
7	ITEM 17 - NORTH DOUBLE-DECK CONVECTION				4000 / 4000						ITEM 17A -	NORTH DOUBLE-	DECK CONVECTION	8
9	OVEN		50 A	3		4000 / 4000		3	50 A		OVEN			10
11	BOTTOM DECK						4000 / 4000					TOP DEC	K	12
13					3833 / 7077									14
15	ITEM 16 - 30-GALLON TILT SKILLET	JLLET		3		3833 / 7077		3	80 A		ITEN	M 14 - 40-GALLON	TILT KETTLE	16
17							3833 / 7077							18
19	SPACE				0/0							SPACE		20
21	SPACE					0/0						SPACE		22
23	SPACE						0/0					SPACE		24
			TO	TALS:	26910 VA	26910 VA	26910 VA	-						
	TOTAL CONNECTED LOAD	/\/ / \\ •			209 IU VA				(AMDC)	. 224	^			
REM/		(VA) .	80731	VA		NOTES:	CONNECTE	LOAD	(AIVIPS)	. 224	A			
	TACTOR CONTROLLED PANELBOARD. CONTACTO	BOARD.	1				RE SUPF	PRESSION S	YSTEM TO BUILT-	IN CONTACTOR FOR				

OCA	TION: STOR. 127C SCCR (AMPS R	MS			SERVICE	Е : 208Y/120V 3Ф А			100 A	М	AIN: MLO NEMA: Type 1 MOUNTIN SURFA	1CE		
-007	HON: STOR. 1276	W.O			OLIVIOL	. 2001/120V 5 V		AMP:	100 A	1.4.	THE TYPE I MODITING SOME	-OL		
СКТ	DESCRIPTION	NOTE	AMP	POLE	Α	В	С	POLE	AMP	NOTE	DESCRIPTION	СКТ		
1	ITEM 23.1 - DISHWASHER - BOOSTER HEATER	4	60 A	2	4992 / 720							2		
3	TIEW 23.1 - DISHWASHER - BOOSTER HEATER	1	60 A	2		4992 / 720		3	20 A	2	ITEM 25 - GARBAGE DISPOSER	4		
5	ITEM 23 - DISHWASHER - CONVEYOR	1	40 A	2			3328 / 720							
7	TIEW 23 - DISHWASHER - CONVETOR	'	40 A	_	3328 / 2767							8		
9	LIGHTING - KITCHEN 127D, SERVING 127E	1	20 A	1		1068 / 2767		3	30 A	1	ROOFTOP UNIT (RTU-1)	10		
11	CAFETERIA RECEPT.		20 A	1			0 / 2767					12		
13	CAFETERIA RECEPT.		20 A	1	0 / 1080			1	20 A	1	ITEM 47 - REACH-IN FREEZER	14		
15	CAFETERIA RECEPT.		20 A	1		0 / 360		1	20 A	1	ITEM C03 - KITCHEN GENERAL RECEPT	16		
17	ALD CLIDTAIN COOLED		00.4				0 / 360	1	20 A	1	ITEM C04, C05 - KITCHEN GENERAL RECEPT	18		
19	AIR CURTAIN - COOLER		20 A	2	0 / 540			1	20 A	1	ITEM C06/C07/C09 - KITCHEN GEN. RECEPT	20		
21	ITEM 19 - SLICER	1	20 A	1		672 / 750		1	20 A	1	ITEM 44 - 3-SECTION REFRIGERATOR	22		
23	LIGHTING - SERVING 127, STORAGE 127C, DISH	1	20 A	1			522 / 720	1	20 A	1	ITEM 26 - DISHWASHER CONDENSATE EXH. FAN	24		
25	ITEM C08 - OFFICE GENERAL RECEPT	1	20 A	1	360 / 0			1	20 A		CAFETERIA RECEPT.	26		
27	ITEM 39 - ICE MACHINE	1	20 A	1		810 / 0		1	20 A		CAFETERIA RECEPT.	28		
29	COUNTER RECEPT		20 A	1			0/0	1	20 A		CAFETERIA RECEPT.	30		
			TO	TALS :	13786 VA	12139 VA	8416 VA							
	TOTAL CONNECTED LOAD	(VA) : 🤇	34341 \	VA		TOTAL	CONNECTED	LOAD	(AMPS)	: 95 A	i.			

	K200		P	ANE	ELBOA	RD SCH	IEDUL	E						
LOCAT	TION: STOR. 127C SCCR (AMPS F	RMS			SERVICE	: 208Y/120V 3Ф	. /	AMP :	200 A	M	AIN: MCB NEMA: Type 1 MOUNTIN SURFA	ACE		
СКТ	DESCRIPTION	NOTE	AMP	POLE	A	В	С	POLE	AMP	NOTE	DESCRIPTION	СКТ		
1					4678 / 1679							2		
3	ITEM 15 - 3-PAN STEAMER	1	50 A	3		4678 / 1679 4678 /		3	40 A	4	ITEM 12A/B - MAKEUP AIR UNIT EXHAUST FAN	4		
5							4678 / 1679				EXHAUST FAN	6		
7	TELLOS DAGO TUDULUEATED GADINET				750 / 960			1	20 A	1,G	ITEM 30 - PASS-THRU REFRIGERATOR	8		
9	ITEM 29 - PASS-THRU HEATED CABINET	1	20 A	2		750 / 750					TEMAS BASS TURN UEATER CARNET	10		
11	ITEM 30 - PASS-THRU REFRIGERATOR	1,G	20 A	1			960 / 750	2	20 A	1	ITEM 29 - PASS-THRU HEATED CABINET	12		
13	SPARE		20 A	1	0 / 1667							14		
15	ITEM 12 - EXHAUST HOOD		20 A	1		1440 / 1667		3	20 A	4	ITEM 32 - 4-WELL HOT FOOD SERVING UNIT	16		
17	SPARE		20 A	1			0 / 1667					18		
19	SPARE		20 A	1	0 / 1667							20		
21	SPARE		20 A	1		0 / 1667		3	20 A	1	ITEM 32 - 4-WELL HOT FOOD SERVING UNIT	22		
23	SPARE		20 A	1			0 / 1667					24		
25	ITEM 1 - HOT WATER DISPENSER	2	30 A	2	2496 / 0			1	20 A		POWER POLE	26		
27	HEWIT-HOT WATER DISPENSER		30 A			2496 / 0		2	30 A		FREEZER	28		
29	ITEM 10 - ISLAND WORK TABLE - CIRC. #1	2,G	20 A	1			2160 / 0	7 2	30 A		FREEZER			
31	ITEM 10 - ISLAND WORK TABLE - CIRC. #2	3	30 A	2	1140 / 1020			1	20 A	3,G	ITEM 33 - 2-WELL COLD FOOD SERVING UNIT	32		
33	HEW 10 - ISLAND WORK TABLE - CIRC. #2	3	30 A			1140 / 1020		1	20 A	3,G	ITEM 33 - 2-WELL COLD FOOD SERVING UNIT	34		
35	ITEM 11 - HEATED HOLDING CABINET	3,G	20 A	1			2100 / 1980	1	20 A	3,G	ITEM 34 - CASHIER COUNTER UNIT (SOUTH)	36		
37	ITEM 36 - MILK COOLER (SOUTH)	3,G	20 A	1	504 / 1980			1	20 A	3,G	ITEM 34 - CASHER COUNTER UNIT (NORTH)	38		
39	ITEM 36 - MILK COOLER (NORTH)	3,G	20 A	1		504 / 180		1	20 A	3	GENERAL RECEPTACLE - CO1	40		
41	ROOFTOP UNIT RECEPTACLE	3	20 A	1			180 / 180	1	20 A	3	GENERAL RECEPTACLE - C02	42		
			TO	TALS:	18541 VA	17971 VA	18001 VA							
	TOTAL CONNECTED LOAD) (\/A\ . /			10041 VA		CONNECTED	LOAD	/AMDC\	151	Λ			
REMAR) (VA) : :	045 12	VA		NOTES:	CONNECTED	LUAD	(AWPS)	131	A			
	NG SQUARE D PANELBOARD.					1. REMOVE EXIS	TING 60A-3P BI AKER INDICATI N LOAD TO EX	REAKE ED IN I	R AND EXISTIN	PROVI IG SPA	IDE BREAKERS INDICATED. DE (1) - 30A-2P BREAKER AND (1) - 20A-1P BREAKI CE.	ΞR		



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SCOPE DOCUMENT

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DRAWN BY:

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PLOT SCALE:

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FRAL HIGH SCEN REMODEL

ATH CENTRAL KITCHEN F

REVISIONS

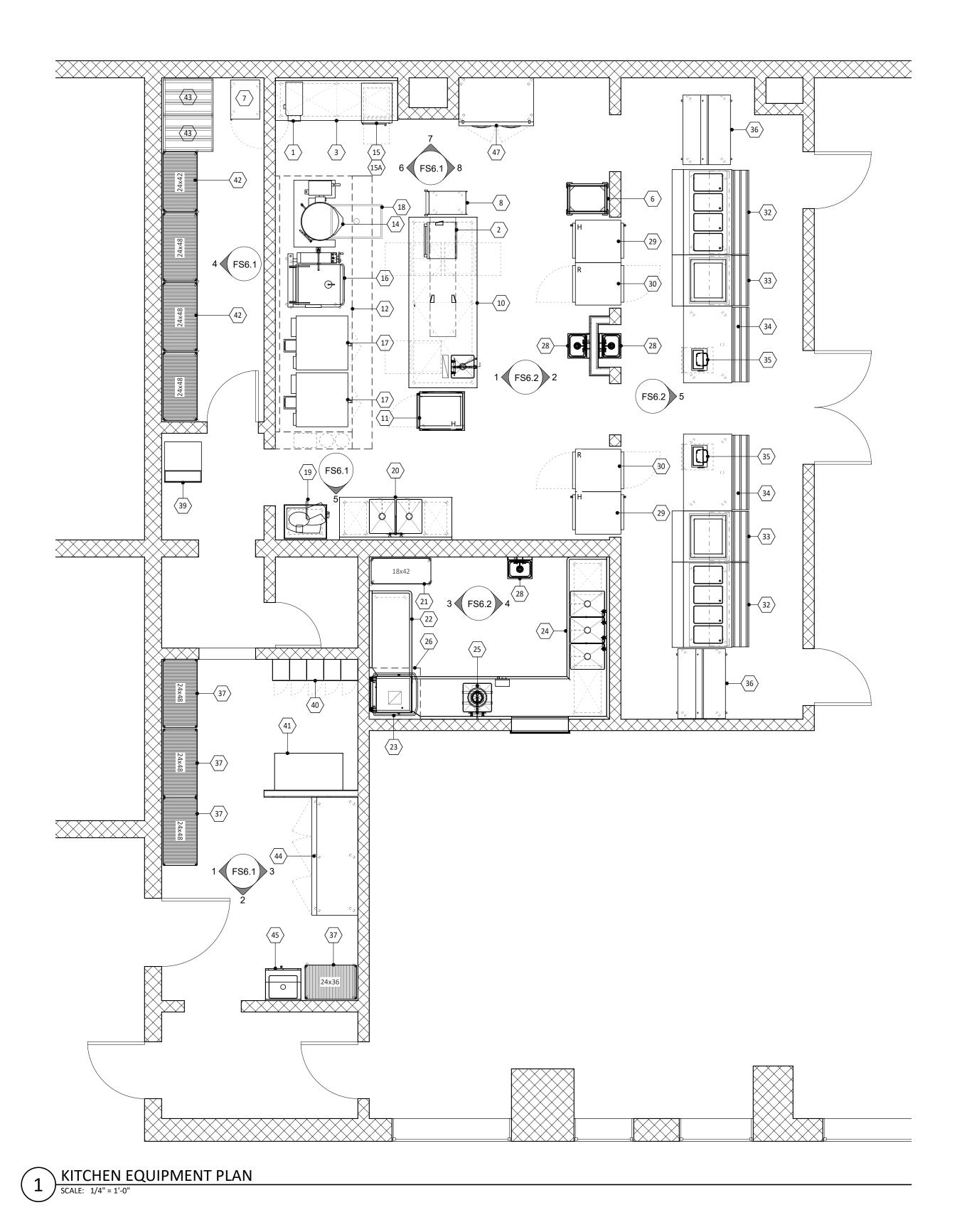
NO. DESCRIPTION DATE

SHEET NO.

E6.0

ДОВ NO. A21-045





		EQUIPMENT LIST	
ITEM NO.	QTY.	ITEM DESCRIPTION	FURNISHED
1	1	HOT WATER DISPENSER	
2	1	RAPID MICROWAVE OVEN	EXISTING
3	1	S/S WORK TABLE	
4		OPEN NUMBER	
5		OPEN NUMBER	
6	1	PAN & TRAY RACK	
7	1	ENCLOSED BUN PAN RACK	EXISTING
8	1	UTILITY CART	EXISTING
9		OPEN NUMBER	
10	1	ISLAND WORK TABLE	
11	1	HEATED HOLDING CABINET	EXISTING
12	1	EXHAUST HOOD SYSTEM	
12A	1	EXHAUST FAN	NOT SHOWN
12B	1	TEMPERED MAKE-UP AIR FAN	NOT SHOWN
13	1	FIRE SUPPRESSION SYSTEM	
14	1	40-GALLON TILT KETTLE	
15	1	3-PAN STEAMER	
16	1	30 GALLON TILT SKILLET	
17	1	DOUBLE DECK CONVECTION OVEN	
18	1	FLOOR TROUGH	
19	1	SLICER w/ EQUIPMENT STAND	EXISTING
20	1	TWO-COMPARTMENT PREP SINK	
21	1	DRYING RACK STORAGE	
22	1	CLEAN DISHTABLE	
23	1	DISHWASHER, DOOR TYPE, HIGH TEMP ELECTRIC	
23.1	1	AM16-BAS E2- BOOSTER HEAT	
24	1	CLEAN DISHTABLE w/ POT SINKS	
25	1	GARBAGE DISPOSER w/ CONTROL PANEL	
26	1	CONDENSATE EXHAUST HOOD	NOT SHOWN
27		OPEN NUMBER	
28	3	WALL-MTD. HAND SINK	
29	2	PASS-THRU HEATED CABINET	
30	2	PASS-THRU REFRIGERATOR	
31		OPEN NUMBER	
32	2	4-WELL HOT FOOD SERVING UNIT	
33	2	2-WELL COLD FOOD SERVING UNIT	
34	2	CASHIER COUNTER UNIT	
35	2	POS STATION	BY OWNER
36	2	MILK COOLER	EXISTING
37	5	STORAGE SHELVING UNIT	
38		OPEN NUMBER	
39	1	UNDECOUNTER ICE MAKER	EXISTING
40	1	EMPLOYEE LOCKER ARRAY	_
41	1	OFFICE DESK	
42	4	DRY STORAGE SHELVING UNIT	
43	2	CAN RACK	EXISTING
44	1	3-SECTION REACH-IN DOOR REFRIGERATOR	EXISTING
45	1	MOP SINK CABINET	
46	1	OPEN NUMBER	
		REACH-IN SOLID SWING DOOR FREEZERS WITH	
47	1	HYDROCARBON REFRIGERANT	

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DESIGN & SALES TO ALL TYPES OF FOOD SERVICE OPERATIONS

PROJECT MANAGER:
Brian Hutson

EMAIL ADDRESS:
bhutson@c-tdesign.com

1. All plumbing and electrical connections, carpentry, sheet metal and masonry work shall not be the responsibility of the Foodservice Equipment Contractor, but shall be the responsibility of the respective trades.

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NORTH CENTRAL HIGH SCHOOL FARMERSBURG, INDIANA

ISSUE	DATE:	03/02/202						
Rev.	Date	Description						
PROJE	CT No:	03/02/202						
DRAWN	I BY:	N						
SHEET SCALE: 1/4" = 1'-0								
SHEET TITLE:								
FOODSERVICE								
		IENT PLAN						

SHEET NUMBER:

FS1.0

ELECTRICAL NOTES		BING NOTES	П	l.								l.	MASTER UTILIT	Y SCHE	:DUL	F	1				
	_		-								ELECTRICA	AL						PLU	JMBING		
GENERAL NOTES: 1. FOODSERVICE SPOT LOCATION PLANS, SCHEDULE AND DRAWINGS ARE FOR CENTRAL REFERENCE AND DIDDING PURPOSES ONLY THEY ARE		POT LOCATION PLANS, SCHEDULE AND DRAWINGS ARE													SUP	PPLY	DIRECT WASTE INDIRE	C C	GAS		
FOR GENERAL REFERENCE AND BIDDING PURPOSES ONLY. THEY ARE TO BE USED AS A GUIDE FOR ELECTRICAL, PLUMBING, AND VENTI- LATION SPOT LOCATIONS FOR FOODSERVICE EQUIPMENT AND ARE NOT	BE USED AS A G	EFERENCE AND BIDDING PURPOSES ONLY. THEY ARE TO UIDE FOR ELECTRICAL, PLUMBING, AND VENTILATION IS FOR FOODSERVICE EQUIPMENT AND ARE NOT	ITEM NO			LECT. NO. AMPS	S WATTS	HP V	OLTS	BHASE CONN TA	YPE PLUG TY	ELECT. HGT (PE (AFF)	ELECTRICAL REMARKS	PLUMB. NO.	CW SIZE	HW PLUMB. HG			GAS SIZE BTU/HR	GAS HGT. (AFF)	PLUMBING REMARKS
APPROVED FOR INSTALLATION PURPOSES. THE FOODSERVICE EQUIP- MENT CONTRACTOR (F.S.E.C.) SHALL BE RESPONSIBLE FOR PROVIDING	APPROVED FOR MENT CONTRAC	INSTALLATION PURPOSES. THE FOODSERVICE EQUIP- CTOR (F.S.E.C.) SHALL BE RESPONSIBLE FOR PROVIDING	1			E1 24.0	5,000		208V 1	1 CORD & P		, ,	E.C. TO PROVIDE RECEPTACLE.	P1	1/4"	+44"	3/4" FS			` ′	P.C. TO RUN C.W. SUPPLY LINE THRU WATER FILTER AND CONNECT TO FINAL CONNECTION. P.C. EXTEND DRAIN LINE TO FLOOR DRAIN.
ACCURATE ROUGH-IN SCHEDULES AND DRAWINGS FOR INSTALLATION PURPOSES. ALL WORK MUST BE INSTALLED IN ACCORDANCE WITH ALL EFDERAL STATE AND LOCAL CODES	ACCURATE ROUPURPOSES. ALL	GH-IN SCHEDULES AND DRAWINGS FOR INSTALLATION WORK MUST BE INSTALLED IN ACCORDANCE WITH ALL	2	1 RAPID MICROWAVE OVEN EXIS	ISTING	30.0	2,100		208V 1	1 CORD & P	PLUG NEMA 6-:	30P	E.C. TO CONFIRM UTILITIES PRIOR TO INSTALLATION. ELECTRICA SERVICE FROM ISLAND WORKTABLE (ITEM #10).	AL							
FEDERAL, STATE, AND LOCAL CODES. 2. ALL SPOT LOCATIONS AND ROUGH-IN NOTES SHOWN ARE SPECIFIC TO		, AND LOCAL CODES. TIONS AND ROUGH-IN NOTES SHOWN ARE SPECIFIC TO	3	1 S/S WORK TABLE OPEN NUMBER																	
THE EQUIPMENT SHOWN ON THE FOODSERVICE EQUIPMENT PLAN. REFER TO THE ARCHITECTURAL AND ELECTRICAL DRAWINGS SETS FOR	THE EQUIPMENT REFER TO THE A	T SHOWN ON THE FOODSERVICE EQUIPMENT PLAN. RCHITECTURAL AND PLUMBING DRAWINGS SETS FOR	5	OPEN NUMBER 1 PAN & TRAY RACK																	
ADDITIONAL ELECTRICAL REQUIREMENTS (i.e. ROOM LIGHTING, CON- VENIENCE OUTLETS, ETC.) THAT ARE NOT SHOWN IN THE FOODSERVICE DRAWING SET.		UMBING REQUIREMENTS (i.e. AREA FLOOR DRAINS, ETC.) SHOWN IN THE FOODSERVICE DRAWING SET.	7	1 ENCLOSED BUN PAN RACK 1 UTILITY CART																	
3. EACH ROUGH-IN IS SHOWN WHERE IT IS TO BE LOCATED ON EACH SIDE		N IS SHOWN WHERE IT IS TO BE LOCATED ON EACH SIDE PRIMARY PLUMBING SERVICE SHOULD BE ROUGHED-IN	9	OPEN NUMBER		30.0			120V 1	1 DIRECT	\ _		E.C. TO STUB-UP TO J-BOX AND RUN TO THROUGH TWO (2)		1/2"	1/2"	2" FS				P.C TO DROP C.W. AND H.W. SUPPLY LINES DOWN THRU S.S CHASE AND CONNECT
OF THE WALL. PRIMARY ELECTRICAL SERVICE SHOULD BE ROUGHED-IN ON THE CENTERLINE OF THE WALL.	ON THE CENTER	LINE OF THE WALL.	10	1 ISLAND WORK TABLE		E10		-	12UV _	1 Dines	.1	+0"	PRE-WIRED CONVENIENCE OUTLETS ON ISLAND WORKTABLE (ITEM #10).	P10	1/2	1/2					TO PRE-RINSE FAUCET. P.C. TO EXTEND DRAIN LINE TO FLOOR SINK.
ALL ELECTRICAL AMPERAGE NOTED INDICATES FULL LOAD AMP DRAW NOT CIRCUIT BREAKER SIZE UNLESS OTHERWISE NOTED. E.C. IS	INCLUDING REQ	TIONS TO ALL EQUIPMENT TO BE PERFORMED BY P.C., UIRED MATERIALS SUCH AS STOPS, VALVES, FILTERS, VALVES, PIPING, TUBING, PRESSURE REGULATING VALVES,	10A		 	30.0 E10A	1,800		208V 1	1 DIRECT	т	+0"	E.C. TO STUB-UP TO J-BOX AND RUN TO THROUGH ONE (1) PRE-WIRED CONVENIENCE OUTLETS ON ISLAND WORKTABLE								
RESPONSIBLE FOR PROPER BREAKER SIZING WITH THIS INFORMATION.	ET AL.		11	1 HEATED HOLDING CABINET		16.7	2,000		120V 1	1 CORD & P	PLUG NITAAA E	44/2"	(ITEM #10). E.C. TO CONFIRM UTILITY WITH EXISTING EQUIPMENT PRIOR TO								
5. ALL ELECTRICAL RECEPTACLES AND JUNCTION BOXES ARE TO BE RATED IN ACCORDANCE WITH EQUIPMENT MANUFACTURER'S SPECIFICATIONS.		R IS TO BE 120°F UNLESS OTHERWISE NOTED.	12			E11 10.7 E12 15.0	1,800		120V 1	1 DIRECT	NEIVIA 5-	20P +4 1/2"	INSTALLATION. E.C. TO PROVIDE PEDESTAL RECEPTACLE. LIGHTING AND CONTROLS								A
ALL FOODSERVICE EQUIPMENT WITH DIRECT ELECTRICAL CONNECTION MUST BE IN LINE-SIGHT OF KITCHEN ELECTRICAL DISTRIBUTION PANEL	ALL WATER LINE	ED BY LOCAL CODES AND UNLESS OTHERWISE NOTED, S MOUNTED ALONG EXTERIOR WALLS ARE TO BE ONG THE INTERIOR FACE OF THE WALL TO AVOID POTEN-	12A			E12A 6.3			208V 3	3 DIRECT			CFM. EXHAUST FAN LOCATED ON ROOF. E.C. TO CONNECT TO FINAL CONNECTION.								
OR HAVE A FUSED QUICK-DISCONNECT FURNISHED AND INSTALLED BY E.C. E.C. TO FIELD-VERIFY WHERE REQUIRED.	TIAL FREEZING.		12B	1 TEMPERED MAKE-UP AIR FAN	ŀ	7.5		2	208V 3	3 DIRECT	T		CFM. MAKE-UP AIR FAN LOCATED ON ROOF. E.C. TO CONNECT TO FINAL CONNECTION.					G12B	3/4" 241,320	0 +28"	MAKE-UP AIR FAN LOCATED ON ROOF. P.C. CONNECT GAS CONNECTION TO FINAL CONNECTION.
7. E.C. TO INSTALL ALL CONTROL PANELS, STARTERS, SOLENOID VALVES, JUNCTION BOXES, AND DISCONNECT SWITCHES FURNISHED BY F.S.E.C.	DISPOSERS, VAC	ALL FAUCET ASSEMBLIES, PRE-RINSE SPRAY ASSEMBLIES, CUUM BREAKERS AND/OR WATER HAMMER SHOCK	13	1 FIRE SUPPRESSION SYSTEM								+48"	E.C. PROVIDE FIRE PULL STATION. SEE FIRE PULL STATION DETAIL, SHEET #								
8. E.C. TO FURNISH AND INSTALL ALL WIRING, ELECTRICAL OUTLETS, JUNC-	PRESSURE REDU	ECK VALVES, FLOW CONTROL VALVES, SOLENOID VALVES, ICING VALVES, TEMPERATURE AND/OR PRESSURE VATER FILTRATION SYSTEMS FURNISHED BY THE F.S.E.C.	14	1 40-GALLON TILT KETTLE		E14 59.0	21,000		208V 3	3 DIRECT	T	+28"	E.C TO CONNECT TO FINAL CONNECTION.	P14	1/2"	1/2" +20"	2" FS				P.C. TO CONNECT C.W. AND H.W. SUPPLY LINES AND CONNECT TO DOUBLE PANTRY FAUCET. P.C. TO EXTEND DRAIN LINE TO FLOOR SINK.
TION BOXES, MOTOR STARTERS, DISCONNECT SWITCHES, AND CONDUIT REQUIRED FOR INSTALLATION IN ACCORDANCE WITH MANUFACTURER'S	OR AS REQUIRE	D.	15	1 3-PAN STEAMER		E15 39.0	8,000		208V 1	1 DIRECT	T	+44"	E.C. TO CONNECT TO FINAL CONNECTION.	P15	3/4"	+60"	1 1/2" FS				P.C. TO RUN UNFILTERED AND CONNECT TO FINAL CONNECTION. P.C. TO EXTEND DRAIN LINE TO FLOOR SINK.
SPECIFICATIONS AND ELECTRICAL CODE REQUIREMENTS. ALL ELECTRICAL RECEPTACLES TO BE FLUSH-MOUNTED UNLESS OTHERWISE SPECIFIED.		E AND INSTALL ALL TAILPIECES, TRAPS, SHUT-OFFS, LOOP DRAINS, AND FLOOR SINKS AS REQUIRED.	15A 16	1 30 GALLON TILT SKILLET		E16 55.0	11,500	2	208V 3	3 DIRECT	T	+44"	E.C. TO CONNECT TO FINAL CONNECTION.	P15A P16	3/4" 1/2"	+60"	2" FS				P.C. TO RUN C.W. THRU WATER FILTER AND CONNECT TO FINAL CONNECTION. P.C. TO CONNECT C.W. SUPPLY LINE TO SINGLE PANTRY FAUCET. P.C. TO EXTEND
E.C. TO PROVIDE GROUNDING WIRES TO ALL FOODSERVICE EQUIPMENT IN ADDITION TO THE NUMBER OF WIRES NOTED IN INDIVIDUAL SERVICES.		E AND INSTALL ALL 12"x12"x8" DEEP FLOOR SINKS WITH D REMOVABLE SEDIMENT BUCKET UNLESS OTHERWISE	17	1 DOUBLE DECK CONVECTION OVEN		E17 58.0		1/2	208V 3	3 DIRECT		+44"	BOTTOM DECK: E.C. TO CONNECT TO FINAL CONNECTION.	P10		TZO					DRAIN LINE TO FLOOR SINK.
10. E.C. TO FURNISH AND INSTALL GROUND FAULT RECEPTACLE OR FURNISH GROUND FAULT CIRCUIT BREAKER FOR ANY RECEPTACLE WITHIN FIVE	INDICATED. ALL	FLOOR SINKS TO BE MOUNTED IN FLOOR SUCH THAT ERIM WILL BE FLUSH WITH THE FINISHED FLOOR, UNLESS	17A 18	1 FLOOR TROUGH	[E17A 58.0	12,000		208V 3	3 DIRECT	T	+44"	TOP DECK. E.C. TO CONNECT TO FINAL CONNECTION.	P18			4" +0"				P.C. TO CONNECT TO DIRECT DRAIN.
GROUND FAULT CIRCUIT BREAKER FOR ANY RECEPTACLE WITHIN FIVE FEET (5'-0") OF SINK.		EQUIRED BY STATE AND LOCAL CODES. FLOOR SINKS AS AREA FLOOR DRAINS.		1 SLICER w/ EQUIPMENT STAND		E19 5.6		1/2	120V 1	1 CORD & P	PLUG	+44"	E.C. TO CONFIRM UTILITY WITH EXISTING EQUIPMENT PRIOR TO INSTALLATION. E.C. TO PROVIDE DUPLEX RECEPTACLE.								
11. E.C. TO PROVIDE AND EXTEND ALL FINAL ELECTRICAL HOOK-UPS AND DISCONNECTS, AND INSTALL LIGHTS IN WALK-IN COOLER/FREEZER UNIT.	WATTS PER LINE	F.S.E.CSUPPLIED DRAIN LINE HEATER TAPE RATED AT 36 EAL FOOT OF DRAIN LINE, AS WELL AS INSULATION OF ALL	20	1 TWO-COMPARTMENT PREP SINK										P20	1/2"	1/2" +20"	2" FS				P.C. TO CONNECT C.W. AND H.W. SUPPLY LINE TO FAUCET. P.C. MANIFOLD TWO DRAINS FOR ONE DROP TO FLOOR SINK.
E.C. TO PROVIDE SEAL-OFFS AT EACH CONDUIT ENTRANCE, AND SEAL WITH SILICONE AT EACH JUNCTION BOX.	DRAIN LINES INS	SIDE FREEZER COMPARTMENTS.	21	1 DRYING RACK STORAGE 1 CLEAN DISHTABLE																	
12. E.C. TO FURNISH AND INSTALL SHUNT TRIP BREAKERS FOR ALL ELECTRICAL SERVICE TO EQUIPMENT UNDERNEATH EXHAUST HOODS WHERE A FIRE		SHOWN ARE FOR FOODSERVICE EQUIPMENT ONLY. REQUIRED FOR GENERAL CLEANING AND CODE REQUIRE- DDITIONAL.	23	1 DISHWASHER, DOOR TYPE, HIGH TEMP ELECTRIC		22.1			208V 3	3 DIRECT	T.T					3/4"	5/8" BARE				RECOMMENDED WATER HARDNESS TO BE 3 GRAINS OR LESS PER GALLON FOR BEST RESULTS. WATER HAMMER ARRESTOR (MEETING ASSE-1010 STANDARD OR
SUPPRESSION SYSTEM IS REQUIRED.	12. ALL EXPOSED PI	PING AND FITTINGS IN KITCHEN AREA TO BE CHROME-										+44"		P23		+44"	W/ 6 HOSE				EQUIVALENT) IN COMMON WATER SUPPLY LINE AT SERVICE CONNECTION. CONNECTIONS MUST COMPLY WITH APPLICABLE SANITARY, SAFETY, AND
13. E.C. TO FURNISH A SIX FOOT (6'-0") PIGTAIL WITH APPROPRIATE CONDUIT AT ALL DIRECT CONNECTION STUBS, AND EXTEND TO FINAL CONNECTION ON EQUIPMENT. E.C. TO PROVIDE CAPS AND CORDS FOR ALL ITEMS	PLATED OR STAI	NLESS STEEL. ED THRU EQUIPMENT SHALL NOT INTERFERE WITH	23.1			25.6			208V 3	3 DIRECT	T	+0"									PLUMBING CODES.
WHICH USE CONVENIENCE OUTLETS WHEN NOT SUPPLIED BY THE MANU- FACTURER, AND SHALL SHORTEN ANY CORDS WHERE NECESSARY.	INTENDED USE (OR SERVICING OF THE EQUIPMENT.	24	, , , , ,										P24	1/2"	1/2" +20"	2" FS				P.C. TO CONNECT C.W. AND H.W. SUPPLY LINE TO FAUCET. P.C. MANIFOLDTHREE (3) DRAINS FOR ONE DROP TO FLOOR SINK.
14. E.C. TO UTILIZE EXISTING ELECTRICAL CONNECTIONS WHERE POSSIBLE	DRAINS, GAS CC	EXISTING FLOOR DRAINS, FLOOR SINKS, DIRECT WASTE DINNECTIONS, AND/OR WATER CONNECTIONS WHERE	24A											P24A	3/4"	1/2" +20"					P.C. TO CONNECT C.W. AND H.W. SUPPLY LINES AND CONNECT TO PRE-RINSE FAUCET. P.C. BRANCH C.W. ROUGH-IN TO GARBAGE DISPOSER (ITEM #25)
FOR NEW EQUIPMENT, AND TO CAP OFF ANY UNUSED EXISTING SERVICES.	POSSIBLE FOR N TING SERVICES.	IEW EQUIPMENT, AND TO CAP OFF ANY UNUSED EXIS-	25			E25 6.0			208V 3	3 DIRECT		+20"	E.C. TO CONNECT TO AND THRU CONTROL PANEL.	P25	1/2"		3" +12"				C.W. SERVICE FROM PRE-RINSE FAUCET (ITEM #24B). P.C. CONNECT TO DIRECT DRAIN.
RESPONSIBILITIES BY TRADE:	RESPONSIBILITI	ES BY TRADE:	26	1 CONDENSATE EXHAUST HOOD		E26		1/4	120V 1	1 DIRECT	T		CONDENSATE FAN LOCATED ON ROOF. E.C. TO CONNECT TO FINAL CONNECTION. EC TO WIRE FROM EXHAUST FAN MOTOR								
ROUGH-IN ALL REQUIRED ELECTRICAL SERVICES AS SHOWN ON DRAWINGS PROVIDED BY F.S.E.C. AFTER BIDDING.		REQUIRED MECHANICAL SERVICES AS SHOWN ON DRA- ED BY F.S.E.C. AFTER BIDDING.											TO RELAY AND DOWN TO VENT FAN CONTROL ON DISH MACHINE								
ALL FINAL CONNECTIONS FROM POINT OF ROUGH-INS SHOWN ON PLANS AND SPECIFICATIONS TO THE CONNECTION POINTS ON ALL NEW AND		NECTIONS FROM POINT OF ROUGH-INS SHOWN ON PLANS TIONS TO THE CONNECTION POINTS ON ALL NEW AND	28	OPEN NUMBER 3 WALL-MTD. HAND SINK										P28	1/2"	1/2" +24"	1 1/2" +20"				P.C. CONNECT C.W. AND H.W. SUPPLY LINES TO FAUCET. P.C. CONNECT TO DIRECT DRAIN.
EXISTING EQUIPMENT. 3. FURNISH AND INSTALL ALL DISCONNECTS, CONDUIT, WIRE, FLEXIBLE	EXISTING EQUIP	MENT.	29	2 PASS-THRU HEATED CABINET		E29 7.5	1,500		208V 1	1 DIRECT		+100"	E.C. TO CONNECT TO FINAL CONNECTION.								DRAIN.
CONDUIT, COVER PLATES, AND FITTINGS AS REQUIRED TO MAKE THE FINAL CONNECTIONS FROM JUNCTION BOXES TO THE EQUIPMENT.	STOOPS, AND RI	NSTALL ALL PIPING, TRAPS, TAILPIECES, LOOP VENTS, ELATED ITEMS NECESSARY TO MAKE THE FINAL CONNEC-	31	2 PASS-THRU REFRIGERATOR OPEN NUMBER		E30 7.2			120V 1	1 CORD & P		+100"	E.C. TO PROVIDE DUPLEX RECEPTACLE.				2/20 50				
	TIONS FROM TH EQUIPMENT.	IE ROUGH-IN TO THE CONNECTION POINTS ON THE	32	2 4-WELL HOT FOOD SERVING UNIT 2 2-WELL COLD FOOD SERVING UNIT		E32 15.8 E33 7.0	4,820	1/3	208V 3 120V 1	CORD & P	PLUG NEMA 5-:	+4 1/2" 15P +4 1/2"	E.C. TO PROVIDE PEDESTAL DUPLEX RECEPTACLE.	P32 P33			3/4" FD 3/4" FD				P.C. TO MANIFOLD THREE (3) DRAINS AND EXTEND TO FLOOR DRAIN. P.C. TO EXTEND DRAIN LINE TO FLOOR DRAIN (ROUGH-IN #P33).
ELECTRICAL SYMBOLS		LLOWING ITEMS, TO BE FURNISHED BY F.S.E.C.: FAUCETS, CUUM BREAKERS, SOLENOID VALVES, AND RELATED ITEMS.	34	2 CASHIER COUNTER UNIT		E34 15.0			120V 1	1 CORD & P	NEIVIA 5-	15P +4 1/2"	E.C. TO PROVIDE DEDICATED PEDESTAL DUPLEX RECEPTACLE. SERVICE FOR POS STATION (ITEM #35)								
SYMBOL DESCRIPTION	-		35	2 POS STATION		12.0			120V 1	1 CORD & P	NEIVIA 5-	15P	DEDICATED CIRCUIT. E.C. TO CONFIRM UTILITY WITH OWNER PRIOR TO INSTALLATION.								
POWER SUPPLY (DIRECT)	PLUME	BING SYMBOLS	36	2 MILK COOLER		E36 4.2		1/3	120V 1	1 CORD & P	PLUG NEMA 5-:	15P +4 1/2"	E.C. TO CONFIRM UTILITIES WITH EXISTING EQUIPMENT PRIOR TO INSTALLATION. E.C. TO PROVIDE PEDESTAL DUPLEX RECEPTACLE.								
J JUNCTION BOX (DIRECT) SIMPLEX RECEPTACLE	SYMBOL	<u>DESCRIPTION</u>	37	5 STORAGE SHELVING UNIT									RECEPTACLE.								
DUPLEX RECEPTACLE	• W	ATER SERVICE (HOT or COLD)	38 39	OPEN NUMBER 1 UNDECOUNTER ICE MAKER		7.0	810		120V 1	1 CORD & P		+20"	E.C. TO CONFIRM UTILITIES WITH EXISTING EQUIPMENT PRIOR TO		1/2"		1/2" FS				TO CONFIRM UTILITIES WITH EXISTING EQUIPMENT PRIOR TO INSTALLATION. P.C. TO RUN C.W. THRU WATER FILTER AND CONNECT TO FINAL CONNECTION. P.C. TO
QUADRAPLEX RECEPTACLE	c p	AS SERVICE HILLED WATER SUPPLY or RETURN	40	1 EMPLOYEE LOCKER ARRAY		E39					5-15P	+20**	INSTALLATION. E.C. TO PROVIDE DUPLEX RECEPTACLE.	P39		+44"					EXTEND DRAIN LINE TO FLOOR DRAIN.
SPECIAL PURPOSE RECEPTACLE FLOOR RECEPTACLE (FLUSH or PEDESTAL)		RECT WASTE CONNECTION	41	1 OFFICE DESK																	
© CEILING RECEPTACLE (FLUSH or DROP-CORD)		EAM SERVICE (SUPPLY or RETURN) 'x 8" FLOOR SINK (SHOWN w/ HALF GRATE)	42 43	DRY STORAGE SHELVING UNIT 2 CAN RACK																	
△ EMPTY CONDUIT □ DISCONNECT SWITCH		2" x 12" FLOOR SINK (SHOWN w/ HALF GRATE)	44	1 3-SECTION REACH-IN DOOR REFRIGERATOR		E44 6.5	750	1/3	120V 1	1 CORD & P	PLUG 5-15P	+20"	E.C. TO CONFIRM UTILTIES WITH EXISTING EQUIPMENT PRIOR TO INSTALLATION. E.C. TO PROVIDE DUPLEX RECEPTACLE.								
F FIRE PULL STATION	_	OOR DRAIN	45 46	1 MOP SINK CABINET 1 OPEN NUMBER										P45			3 1/2" +0"				
▼ TELEPHONE or DATA LINE		JNNEL FLOOR DRAIN UB DRAIN	47	1 REACH-IN SOLID SWING DOOR FREEZERS WITH HYDROCARBON REFRIGERANT		9.4	1,080	1 1/4	120V 1	1	NEMA 5-	15P +0"	E.C. TO CONFIRM UTILITIES								
	O BE	EVERAGE CHASE (SODA or BEER)																			
ABBREVIATIONS	ABBRE	EVIATIONS																			
ABBREV. <u>DESCRIPTION</u>	ABBREV.	<u>DESCRIPTION</u>																			
ADD'L ADDITIONAL AFC ABOVE FINISHED CEILING	AFC AE	DDITIONAL BOVE FINISHED CEILING																			
AFF ABOVE FINISHED FLOOR AMP AMPERAGE		BOVE FINISHED FLOOR MPERAGE																			
BFC BELOW FINISHED CEILING BTC BRANCH TO CONNECTION		ELOW FINISHED CEILING RANCH TO CONNECTION																			
BTU BRITISH THERMAL UNIT CFM CUBIC FEET PER MINUTE	_	RITISH THERMAL UNIT JBIC FEET PER MINUTE																			
CW COLD WATER CWR CHILLED WATER RETURN		OLD WATER HILLED WATER RETURN																			
CWS CHILLED WATER SUPPLY DFA DROP SERVICE FROM ABOVE		HILLED WATER SUPPLY ROP FROM ABOVE]																		
E.C. ELECTRICAL CONTRACTOR °F DEGREES FAHRENHEIT		ECTRICAL CONTRACTOR EGREES FAHRENHEIT																			
FD FLOOR DRAIN FFD FUNNEL FLOOR DRAIN	FD FL	OOR DRAIN JNNEL FLOOR DRAIN																			
FLA FULL LOAD AMPS FLUSH MOUNT ITEM FLUSH WITH SURFACE	FLA FL	JLL LOAD AMPS OUNT ITEM FLUSH WITH SURFACE																			
FS FLOOR SINK F.S.E.C. FOODSERVICE EQUIPMENT CONTRACTOR	FS FL	OOR SINK DODSERVICE EQUIPMENT CONTRACTOR																			
FT FLOOR TROUGH	FT FL	OOR TROUGH																			
GA. GAUGE	GA. GA	AUGE	4																		

GENERAL CONTRACTOR

GALLONS PER MINUTE

KILOWATT (1,000 WATTS)

MECHANICAL CONTRACTOR

NATIONAL PIPE THREAD

PLUMBING CONTRACTOR PEDESTAL-MOUNTED

ROOFING CONTRACTOR

STRUCTURAL CONTRACTOR

STUB SERVICE UP FROM FINISHED FLOOR

HUB DRAIN

HOT WATER

1,000 BTU

MOUNTED

PHASE

RECEPTACLE

REQUIREMENTS

STAINLESS STEEL

INCH

HEIGHT HORSEPOWER

GROUND FAULT INTERRUPTER GARDEN HOSE THREAD

HEATING, VENTILATION AND AIR CONDITIONING

NOT IN FOODSERVICE EQUIPMENT CONTRACT

GENERAL CONTRACTOR GROUND FAULT INTERRUPTER

GARDEN HOSE THREAD

KILOWATT (1,000 WATTS)

MECHANICAL CONTRACTOR

NATIONAL PIPE THREAD PLUMBING CONTRACTOR

PEDESTAL-MOUNTED

ROOFING CONTRACTOR

STRUCTURAL CONTRACTOR

STUB SERVICE UP FROM FINISHED FLOOR

HEATING, VENTILATION AND AIR CONDITIONING

NOT IN FOODSERVICE EQUIPMENT CONTRACT

GALLONS PER MINUTE

HUB DRAIN

HORSEPOWER

HOT WATER

1,000 BTU

MOUNTED

RECEPTACLE REQUIREMENTS

STAINLESS STEEL

STUB-UP



Equipment Co., Inc. 2750 Tobey Drive Indianapolis, Indiana 46219 Phone: 317.898.9602 www.c-tdesign.com DESIGN & SALES TO ALL TYPES OF FOOD SERVICE OPERATIONS

bhutson@c-tdesign.com

PROJECT MANAGER: Brian Hutson EMAIL ADDRESS:

1. All plumbing and electrical connections, carpentry, sheet metal and masonry work shall not be the responsibility of the Foodservice Equipment Contractor, but shall be the responsibility of the respective trades.

2. This drawing is the property of C&T Design and Equipment Co., Inc. It shall not be copied or reproduced in any manner without the written consent of C&T Design and Equipment Co., Inc. If used wholly or partially on work other than that furnished by C&T Design and Equipment Co., Inc, privilege is reserved to make a charge for designing costs.

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PROJECT No: 03/02/2022 DRAWN BY:

As indicated

SHEET SCALE: SHEET TITLE: MASTER FOODSERVICE SCHEDULE

SHEET NUMBER:

FS1.1

ELECTRICAL NOTES

- ELECTRICAL SYSTEM IS DESIGNED FOR 208 VOLTS, 1-PHASE, 4 WIRE AT 60 HERTZ.
- OUTLETS AND ROUGH-INS SHOWN PERTAIN TO AND ARE FOR FOOD-SERVICE FIXTURES AND EQUIPMENT ONLY. SEE ARCHITECTURAL AND/OR ENGINEERING PLANS FOR ANY ADDITIONAL ROUGH-IN REQUIREMENTS.
 THIS ELECTRICAL PLAN IS INTENDED TO SHOW ROUGH-IN LOCATIONS
- AND LOAD REQUIREMENTS. ALL DIMENSIONS ARE SHOWN FROM FINISHED SURFACES TO THE CENTERLINE OF THE ROUGH-IN LOCATION UNLESS OTHERWISE NOTED.

 UNLESS OTHERWISE NOTED, ALL ELECTRICAL WORK FOR FABRICATED FOODSERVICE EQUIPMENT SHALL BE COMPLETELY WIRED BY KITCHEN

EQUIPMENT DIVISION TO A JUNCTION BOX OR PULL BOX MOUNTED ON

- THE EQUIPMENT IN AN ACCESSIBLE LOCATION. FINAL CONNECTIONS TO PANEL BOARDS TO BE THE RESPONSIBILITY OF THE E.C.

 FINAL CONNECTIONS TO ALL EQUIPMENT AND ALL REQUIRED MATERIALS
- . E.C. TO FURNISH AND INSTALL THE FOLLOWING:

TO BE THE RESPONSIBILITY OF THE E.C.

AND LOCAL CODES.

- A. ALL JUNCTION BOXES, ELECTRICAL OUTLETS, COVER PLATES, ETC.,
 NOT BUILT INTO FIXTURES OR EQUIPMENT. ALL OUTLETS, JUNCTION
 BOXES, COVER PLATES, ETC., IN DISHROOMS, OR AS INDICATED ON
 SCHEDULES, MUST BE VAPOR-PROOF.
- B. SHUNT TRIP CIRCUIT BREAKERS/CONTACTORS OR DISCONNECTS FOR FIRE CONTROL SYSTEM SHUT-OFF OF FOODSERVICE EQUIPMENT BELOW HOODS/VENTILATORS AS REQUIRED BY N.F.P.A.-96 AND LOCAL CODES.
- C. DISCONNECTS OR OTHER DEVICES AS REQUIRED BY FEDERAL, STATE,
- 7. WHEN APPLICABLE, E.C. TO INSTALL F.S.E.C.-PROVIDED ELECTRICAL COM-PONENTS, PROVIDE ALL CONDUIT AND WIRING, AND INTERCONNECT BETWEEN THE FOLLOWING:
- A. REMOTE REFRIGERATION EQUIPMENT TO EVAPORATOR COILS.
- B. CONTROL PANELS TO WATER-TYPE VENTILATORS AND EXHAUST OR SUPPLY FANS PER MANUFACTURER'S SPECIFICATIONS.
- C. KITCHEN EXHAUST HOODS/VENTILATORS TO FIRE CONTROL SYSTEM AND SHUT-OFFS.
- 8.—ALL ELECTRICAL AMPERAGE NOTED ON ROUGH-IN SCHEDULE INDICATES—
 ABBREVIATIONS D CIRCUIT BREAKER SIZE.
 ZING WITH THIS INFORMA-

TION.

ABBREV.

DESCRIPTION

ADD PEDESTAL RECEPTACHES ARE NOT TO EXCEED 4-1/2" AFF.

AFC. E.C. TO FURNISH AND STALL GROUND FAULT RECEPTACLE OR FURNISH-

NFF_GROUND FAULA BORCEUTH BRELERE FOR PANY RECEPTACLE WITHIN FIVE__ AMPFEET (5'-0") OFASIMIRERAGE BELOW FINISHED CEILING BRANCH TO CONNECTION BRITISH THERMAL UNIT CUBIC FEET PER MINUTE COLD WATER CHILLED WATER RETURN CHILLED WATER SUPPLY DROP SERVICE FROM ABOVE ELECTRICAL CONTRACTOR DEGREES FAHRENHEIT FLOOR DRAIN FUNNEL FLOOR DRAIN FULL LOAD AMPS MOUNT ITEM FLUSH WITH SURFACE FLOOR SINK FOODSERVICE EQUIPMENT CONTRACTOR FLOOR TROUGH GAUGE GENERAL CONTRACTOR GROUND FAULT INTERRUPTER GARDEN HOSE THREAD GALLONS PER MINUTE HUB DRAIN HEIGHT HORSEPOWER HOUR HEATING, VENTILATION AND AIR CONDITIONING HOT WATER

> KILOWATT 1,000 BTU

MOUNTED

RECEPTACLE

PROVIDER.

REQUIREMENTS

STAINLESS STEEL

REQ'MTS

STUB-UP

MECHANICAL CONTRACTOR

NATIONAL PIPE THREAD

ROOFING CONTRACTOR

STRUCTURAL CONTRACTOR

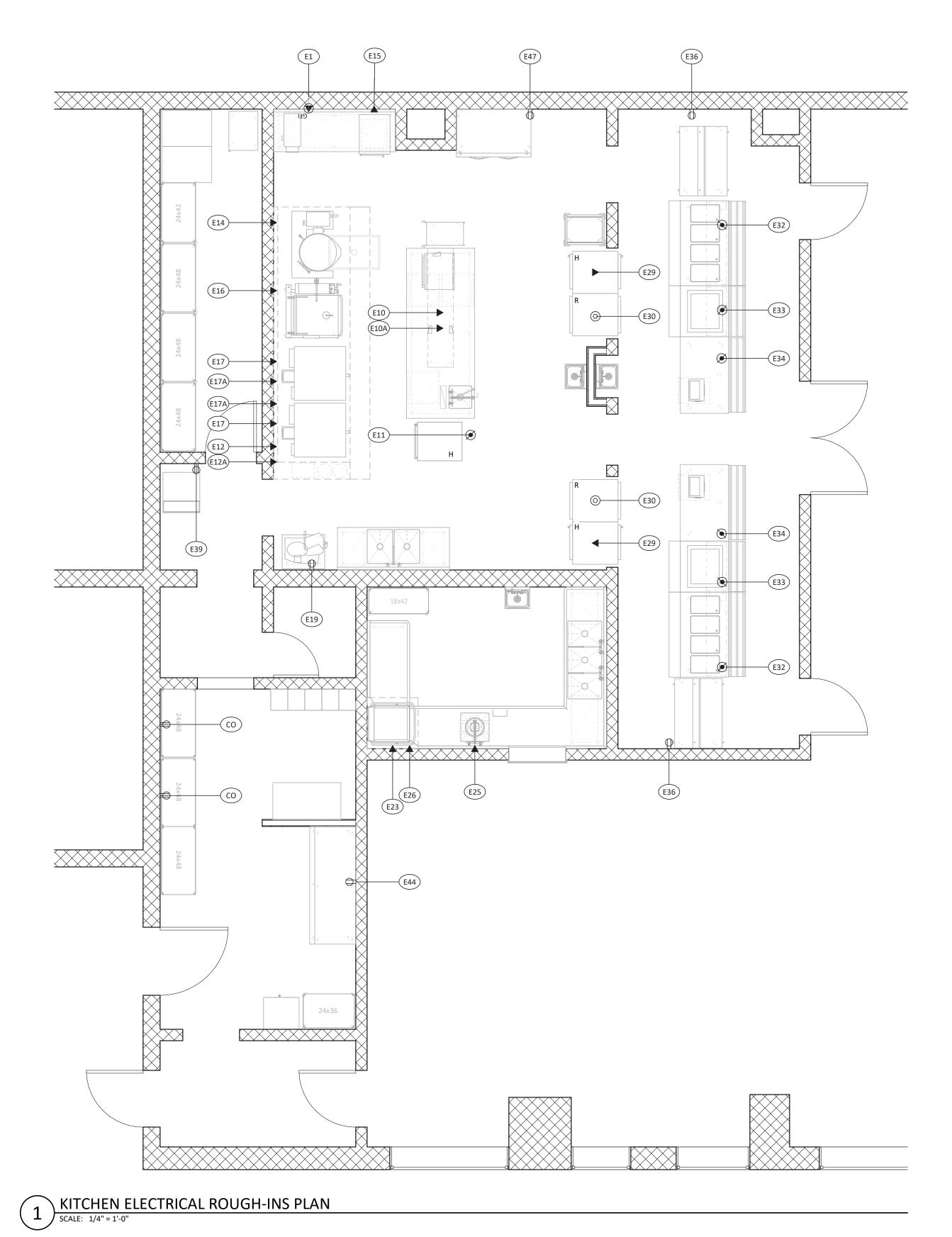
STUB SERVICE UP FROM FINISHED FLOOR

PLUMBING CONTRACTOR
PEDESTAL-MOUNTED

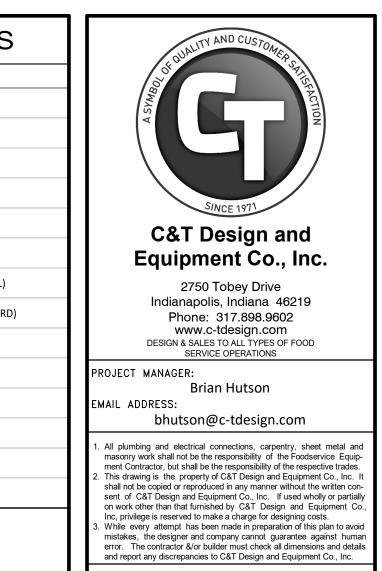
NOT IN FOODSERVICE EQUIPMENT CONTRACT

NOTE:

EXISTING AND/OR EQUIPMENT PROVIDED BY OTHERS
MAY REQUIRE ADDITIONAL ROUGH-INS NOT SHOWN IN
THESE PLANS. CONFIRM UTILITY REQUIREMENTS WITH



ELECTRICAL SYMBOLS **SYMBOL** DESCRIPTION ▲ POWER SUPPLY (DIRECT) JUNCTION BOX (DIRECT) SIMPLEX RECEPTACLE DUPLEX RECEPTACLE QUADRAPLEX RECEPTACLE SPECIAL PURPOSE RECEPTACLE FLOOR RECEPTACLE (FLUSH or PEDESTAL) CEILING RECEPTACLE (FLUSH or DROP-CORD) EMPTY CONDUIT □¬ DISCONNECT SWITCH FIRE PULL STATION ▼ TELEPHONE or DATA LINE



NORTH CENTRAL HIGH SCHOOL FARMERSBURG, INDIANA

ISSUE	DATE:	03/02/202
Rev.	Date	Description
PROJE	CT No:	03/02/202
DRAWN	N BY:	N
SHEET	SCALE:	As indicate
SHEET	TITLE:	
FI	FCT	RICAL
KC	JUGF	I-IN PLAN

FS2.0

PLUMBING NOTES

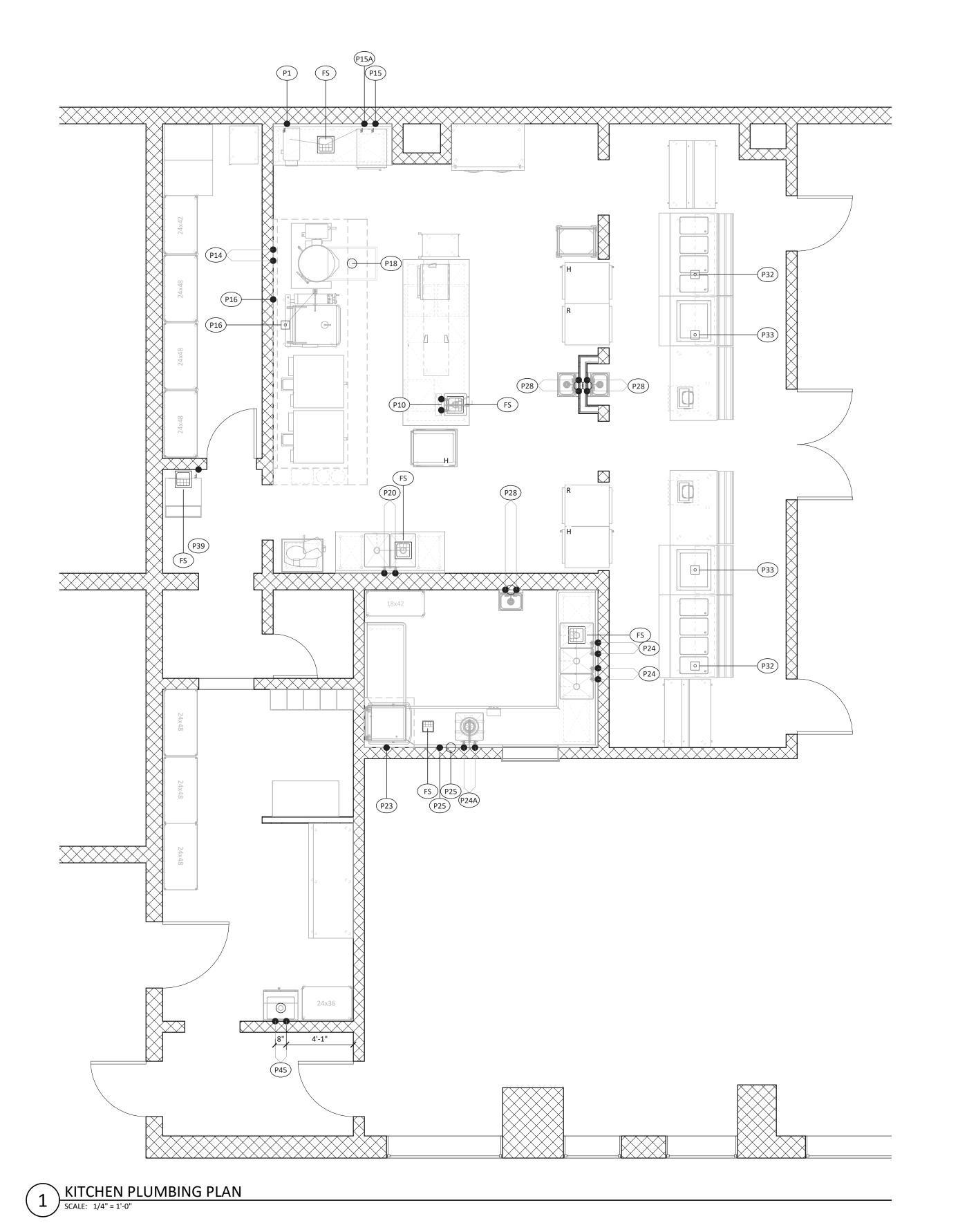
- . ROUGH-INS SHOWN PERTAIN TO AND ARE FOR FOODSERVICE FIXTURES AND EQUIPMENT ONLY. SEE ARCHITECTURAL AND/OR ENGINEERING PLANS FOR ADDITIONAL PLUMBING REQUIREMENTS.
- . THIS PLUMBING PLAN IS INTENDED TO SHOW ROUGH-IN LOCATIONS, HEIGHTS AND LOAD REQUIREMENTS. ALL DIMENSIONS SHOWN ARE FROM FINISHED SURFACES TO THE CENTERLINE OF THE ROUGH-IN LOCA-TION, UNLESS OTHERWISE NOTED.

. FINAL CONNECTIONS TO ALL EQUIPMENT TO BE PERFORMED BY P.C., INCLUDING ALL REQUIRED MATERIALS SUCH AS STOPS, VALVES, FILTERS, TRAPS, CHECK VALVES, PIPING, TUBING, PRESSURE REGULATING VALVES,

- . P.C. TO FURNISH AND INSTALL THE FOLLOWING:
- A. ALL WATER, WASTE, GAS, AND STEAM SERVICE TO POINT OF ROUGH-IN AS SHOWN ON PLAN. ROUGH-IN OUTLETS TO STUB 4 in. OUT OF WALLS AT HEIGHT INDICATED FROM FINISHED FLOOR TO CENTERLINE OF OUTLET. FLOOR ROUGH-INS TO STUB UP 4 in. ABOVE FINISHED FLOOR OR CURB. ALL FLOOR OPENINGS ARE TO BE SEALED WATER-
- B. PRESSURE REDUCING AND/OR REGULATION VALVES FOR DISH-WASHERS, BOOSTER HEATERS, AND AS OTHERWISE NOTED IN KITCHEN AREA.
- C. ALL FLOOR SINKS, COMPLETE WITH TOP GRATES INDICATED AND REMOVABLE SEDIMENT BUCKETS, SET FLUSH WITH FINISHED FLOOR (UNLESS OTHERWISE NOTED).
- D. ALL WASTE LINES (DIRECT OR INDIRECT) EXCEPT AS NOTED. MINI-MUM DIAMETER OF LINE SHALL BE AS INDICATED ON PLAN REGARD-LESS OF CONNECTION SIZE, AND SHALL BE PITCHED DOWNWARD. MAINTAIN DRAINS AS HIGH AS POSSIBLE ABOVE FLOOR. ALL WASTE LINES SHALL HAVE ADEQUATE CLEAN-OUT PROVISIONS.
- E. INDIRECT WASTE LINES FOR WALK-IN COOLERS/FREEZERS TO BE PITCHED AT 4 in./12 ft. (MINIMUM) AND WITH A "P"-TRAP AT THE END OF THE RUN ABOVE THE FLOOR DRAIN.
- F. HEATER TAPE RATED AT 36 WATTS PER LINEAL FOOT OF DRAIN LINE AS WELL AS INSULATION OF ALL DRAIN LINES INSIDE FREEZER COM-
- G. ALL REQUIRED GREASE TRAPS BELOW OR FLUSH WITH FLOOR.
- H. WHEN GAS COOKING EQUIPMENT IS USED, INSTALL FIRE CONTROL GAS SHUT-OFF VALVE(S) AS SUPPLIED BY FIRE SUPPRESSION SYSTEM CONTRACTOR.
- I. VACUUM BREAKERS AS REQUIRED AS WELL AS INSTALLATION OF THOSE PROVIDED BY K.E.C. FOR USE WITH DISPOSERS.
- J. INSULATION ON ALL STEAM, HOT WATER, AND CONDENSATE LINES IN THE KITCHEN AREA. ALL SUCH LINES ARE TO BE COLOR-CODED ACCORDING TO LOCAL CODES.
- . ALL VENT PIPES TO BE CONCEALED IN WALLS OR COLUMN CHASES. USE LOOP VENTS FOR ISLAND FIXTURES.
- . ALL EXPOSED PIPING AND FITTINGS IN THE KITCHEN AREA TO BE CHROME-PLATED OR STAINLESS STEEL.
- . ALL LINES ROUTED THROUGH EQUIPMENT SHALL NOT INTERFERE WITH INTENDED USE OR SERVICING OF EQUIPMENT.
- . AREA FLOOR DRAINS HAVE NOT BEEN SHOWN OR NOTED. QUANTITIES AND LOCATIONS TO BE COORDINATED WITH G.C.

ABBREVIATIONS										
ABBREV.	<u>DESCRIPTION</u>									
ADD'L	ADDITIONAL									
AFC	ABOVE FINISHED CEILING									
AFF	ABOVE FINISHED FLOOR									
AMP	AMPERAGE									
BFC	BELOW FINISHED CEILING									
ВТС	BRANCH TO CONNECTION									
BTU	BRITISH THERMAL UNIT									
CFM	CUBIC FEET PER MINUTE									
CW	COLD WATER									
CWR	CHILLED WATER RETURN									
CWS	CHILLED WATER SUPPLY									
DFA	DROP SERVICE FROM ABOVE									
E.C.	ELECTRICAL CONTRACTOR									
°F	DEGREES FAHRENHEIT									
FD	FLOOR DRAIN									
FFD	FUNNEL FLOOR DRAIN									
FLA	FULL LOAD AMPS									
FLUSH	MOUNT ITEM FLUSH WITH SURFACE									
FS	FLOOR SINK									
F.S.E.C.	FOODSERVICE EQUIPMENT CONTRACTOR									
FT	FLOOR TROUGH									
GA.	GAUGE									
G.C.	GENERAL CONTRACTOR									
GFI	GROUND FAULT INTERRUPTER									
GHT	GARDEN HOSE THREAD									
GPM	GALLONS PER MINUTE									
HD	HUB DRAIN									
HGT.	HEIGHT									
	HORSEPOWER									
HP										
HR	HOUR									
H.V.A.C.	HEATING, VENTILATION AND AIR CONDITIONING									
HW	HOT WATER									
in.	INCH									
kW	KILOWATT									
MBTU	1,000 BTU									
M.C.	MECHANICAL CONTRACTOR									
MTD	MOUNTED									
N.I.F.S.E.C.	NOT IN FOODSERVICE EQUIPMENT CONTRACT									
NPT	NATIONAL PIPE THREAD									
P.C.	PLUMBING CONTRACTOR									
PED	PEDESTAL-MOUNTED									
PH	PHASE									
R.C.	ROOFING CONTRACTOR									
RECP.	RECEPTACLE									
REQ'MTS	REQUIREMENTS									
S.C.	STRUCTURAL CONTRACTOR									
S/S	STAINLESS STEEL									
STUB-UP	STUB SERVICE UP FROM FINISHED FLOOR									

EXISTING AND/OR EQUIPMENT PROVIDED BY OTHERS MAY REQUIRE ADDITIONAL ROUGH-INS NOT SHOWN IN THESE PLANS. CONFIRM UTILITY REQUIREMENTS WITH



PLUMBING SYMBOLS **SYMBOL** DESCRIPTION WATER SERVICE (HOT or COLD) GAS SERVICE CHILLED WATER (SUPPLY or RETURN) DIRECT WASTE STEAM SERVICE (SUPPLY or RETURN) 8" x 8" FLOOR SINK (SHOWN w/ HALF GRATE) 12" x 12" FLOOR SINK (SHOWN w/ HALF GRATE) FLOOR DRAIN FUNNEL FLOOR DRAIN O HUB DRAIN BEVERAGE CHASE (SODA or BEER)



bhutson@c-tdesign.com

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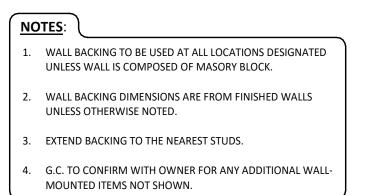
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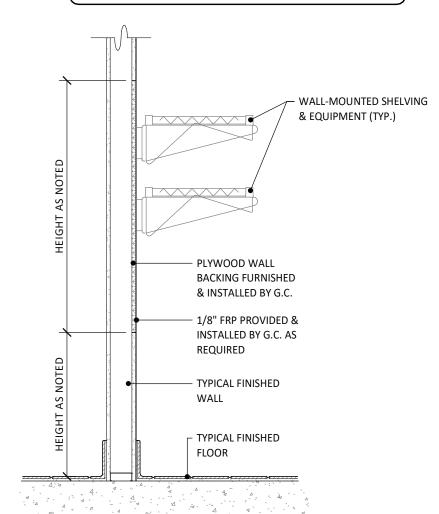
PLUMBING ROUGH-IN PLAN

FS3.0

- G.C. TO PROVIDE ADEQUATE WALL BACKING FROM 36" AFF TO 84" AFF FOR WALL MOUNTED WATER
- B G.C. TO PROVIDE ADEQUATE WALL BACKING FROM 48" AFF TO 84" AFF FOR WALL MOUNTED SHELF.
- C G.C. TO PROVIDE ADEQUATE WALL BACKING FROM 30" AFF TO 48" AFF FOR WALL MOUNTED HAND SINK. G.C. TO PROVIDE FINISHED OPENING IN WALL FOR PASS-THRU WINDOW. G.C. VERIFY DIMENSIONS OF
- OPENINGS WITH OWNER.

E G.C. TO BOX OUT AREA PRIOR TO POURING OF FLOOR FOR INSTALLATION OF FLOOR TROUGH BY F.S.E.C. F G.C. TO PROVIDE ADEQUATE WALL BACKING FROM 72" AFF TO 6" BFC FOR HOSE REEL.



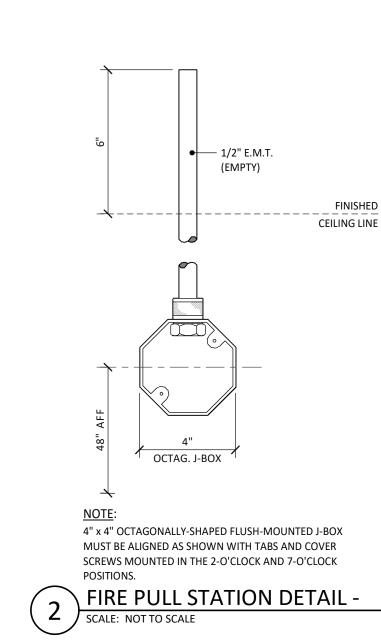


5'-8"

3 KITCHEN SPECIAL CONDITIONS PLAN
SCALE: 1/4" = 1'-0"

TYPICAL WALL BACKING DETAIL

SCALE: NOT TO SCALE



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PROJECT MANAGER: **Brian Hutson** EMAIL ADDRESS: bhutson@c-tdesign.com

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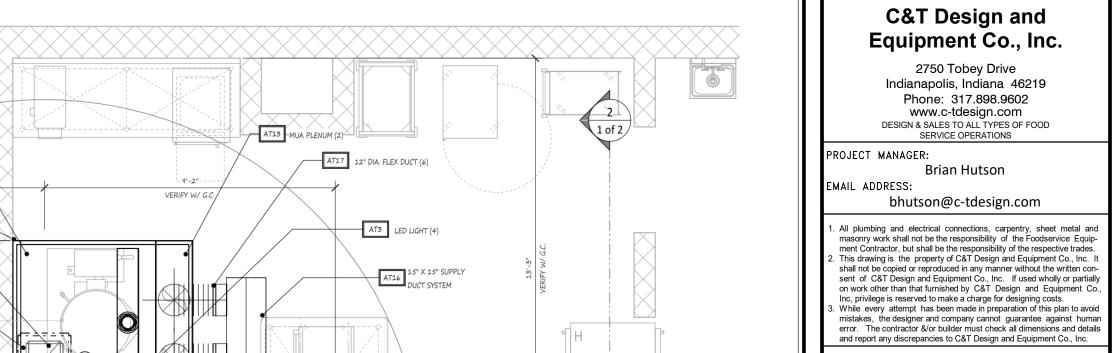
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NORTH

SPECIAL CONDITIONS PLAN

FS4.0



AT14 TEMP SUPPLY UNIT SF-12

----- 24" X 24" ROOF OPENING BY KEC

SEE "DUCT SIZING MODEL" FOR DUCT SIZING INFORMATION & REFERENCES

TOTAL HOOD DEPTH

520 S. COLDWATER RD.

FOR USE WITH UL CLASSIFIED AL. OR STEEL GREASE FILTERS
REPLACE FUSIBLE LINK WITH UL LISTED 3-20LB 165°F LINK

ALLIED AIR REFERENCE (ATI) HOOD SCHEDULE

| HOOD | HOOD SIZE | HOOD | EXHAUST | EXHAUST | EXHAUST | EXHAUST | SUPPLY | SUPPLY AIR | SUPPLY AIR | SUPPLY | S.P. | CFM | DUCT VELOCITY | S.P. | DUCT VELOCITY |

CH-26 3'-0" x 3' 108 800 9" X 9" 1,440FPM .625" N/A N/A N/A N/A N/A

3,300

EXHAUST CFM TOTAL: 4,930 REMOVED BY HOODS: 4,930 RETURNED BY MUA: 3,300 BALANCE REQUIRED BY HVAC: 1,630 CFM

4,130 EXHAUSTED CONDENSATE AIR (CFM)

MAKE-UP AIR (CFM)

CH HOOD LABEL

SIDE OVERHANG

SPACE BETWEEN HOOD & COOKING EQUIPTMENT (MAX)

* SIZING DOES NOT INCLUDE 1'-2" FIRE CABINET ATTACHED TO HOOD

EXHAUST HOOD CFM

EXHAUSTED AIR (CFM)

HEATED MAKE-UP AIR (CFM)

400F MAX | 600F MAX | 700F MAX COOKING TEMP | COOKING TEMP | COOKING TEMP

N/A N/A

CONDENSATE EXHAUST CFM

AT16 DUCT SYSTEM

1.5" DUAL LAYERED FIR

EXHAUST FAN CURB AT9

EXHAUST FAN EF-12 AT8

MINIMUM 10'-0" FROM INTAKE SHROUD MUST BE MAINTAINE

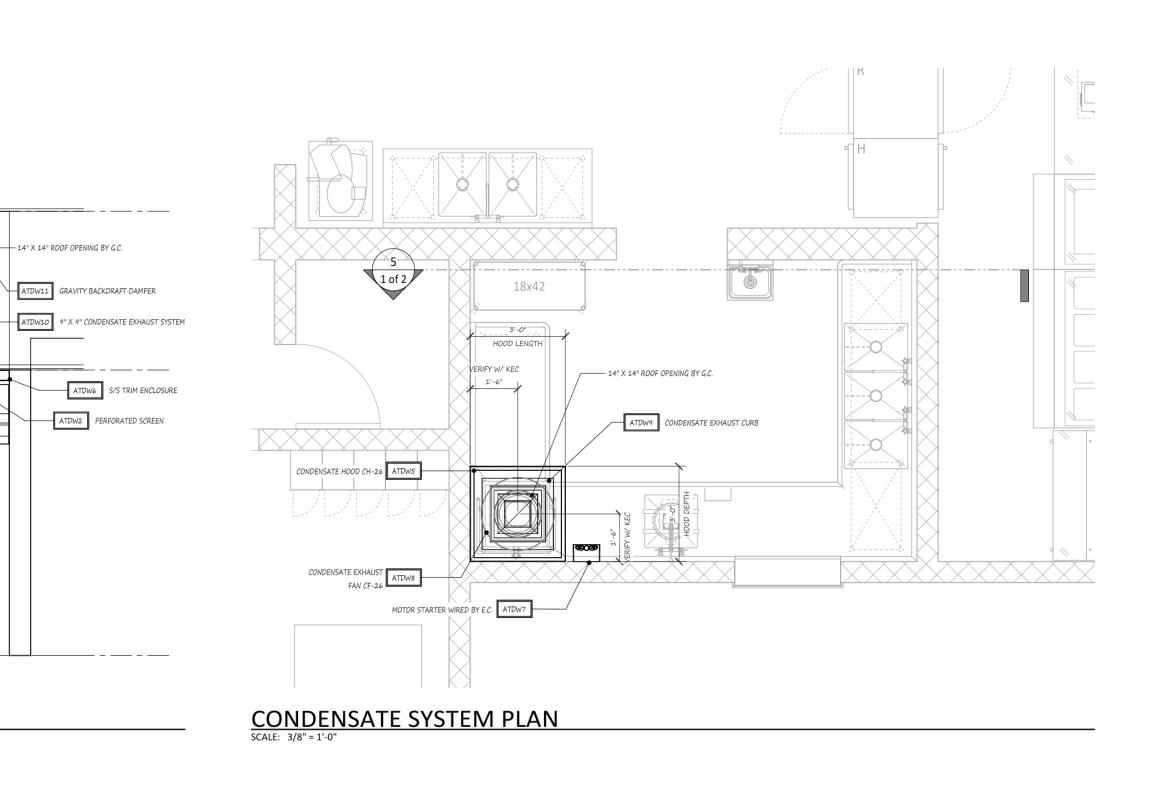
DBL COMBLOVEN

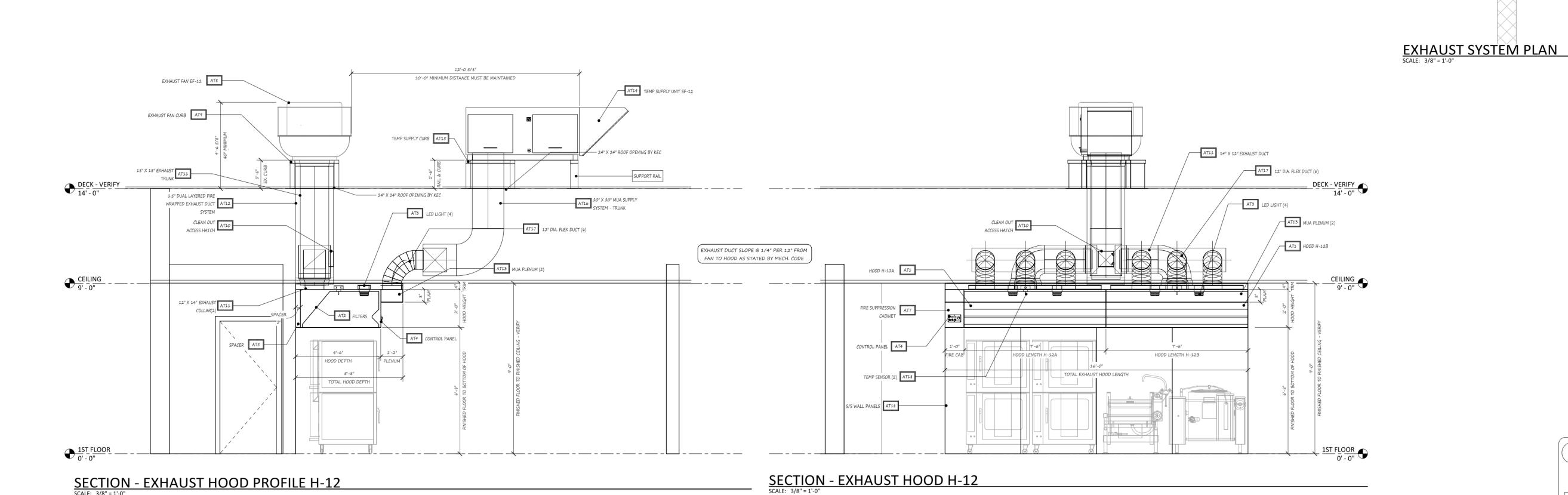
ISSUE	DATE:	03/02/2 Description		
Rev.	Date			
PROJE	CT No:	03/02/2		
DRAWN	N BY:	Αι		
SHEET	SCALE:			

FOODSERVICE HOOD SHOP DRAWING

SHEET NUMBER:

FS5.0





ITEM	SYSTEM PARTS	QTY.	MODEL	U.L. AND/OR ETL LISTINGS	REMARKS
AT1	EXHAUST HOOD	2	CH SERIES	U.L. 710 LISTING & NSF 2	TYPE 300, 18 GA. S/S CONSTRUCTION
AT2	GREASE BAFFLE FILTERS	LOT	CHG F50	R6593 CONTROL #845G	STAINLESS BAFFLE FILTERS-16" TALL
AT3	VAPOR PROOF LIGHTS	4	LEDR-108	U.L. E79253 & NSF 2	VAPOR PROOF LED LIGHT FIXTURES
AT4	HOOD MOUNTED CONTROL PANEL	1	SEE DWG.	INCLUDED W/ EXHAUST HOOD	FLUSH MOUNTED - WIRED BY E.C.
AT5	SPACER	1	CUSTOM	TO MEET LOCAL CODE	TYPE 300, 18 GAUAGE S/S CONSTRUCTION - 3" WIDE
AT6	S/S TRIM ENCLOSURE	*LOT	CUSTOM	TO MEET LOCAL CODE	FROM TOP OF HOOD TO +2" ABOVE CEILING
AT7	FIRE SYSTEM	1	ANSUL R-102	U.L. 300 DESIGN	PRE-ENGINEERED - WET CHEMICAL
AT8	EXHAUST FAN	1	STXBRHUL20	U.L. 762	SEE DRAWING DETAILS
AT9	EXHAUST FAN ROOF CURB	1	VERIFY ROOF	TO MEET LOCAL CODE	18 GAUGE GALVANIZED INSULATED STEEL CONSTRUCTION
AT10	EXHAUST DUCT CLEAN-OUT ACCESS	1	THERMAL CERAMICS	TO MEET LOCAL CODE	INSTALLED EVERY 10'-0" OF HORIZONTAL RUN OR CHANGE DIRECTION
AT11	EXHAUST DUCT SYSTEM INSTALLED	LOT	CUSTOM FIELD MEASURE	TO MEET LOCAL CODE	16 GAUGE, FULLY WELDED (LIQUID TIGHT) SEE DRAWING FOR DETAILS
AT12	EXHAUST DUCT FIRE RATED WRAP	LOT	THERMAL CERAMICS	TO MEET LOCAL CODE	FIELD VERIFY BUILDING MATERIALS FOR COMPLIANCE
AT13	PERFORATED MAKE-UP AIR PLENUM	2	BOTTOM DISCHARGE	INCLUDED W/ EXHAUST HOOD	S/S CONSTRUCTION WITH BALANCING DAMPERS & PERFORATED BOTTOM
		_			

ALLIED AIR PACKAGED EXHAUST VENTILATION SYSTEM

CONDENSATE EXHAUST CURB ATDW9

MOTOR STARTER WIRED BY E.C. ATDW7

CONDENSATE HOOD CH-26 ATDW5

CONDENSATE DUCT SLOPE @ 1/8" PER 12" AS STATED BY FSEC

SECTION - CONDENSATE HOOD C-26

SCALE: 3/8" = 1'-0"

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AT2	GREASE BAFFLE FILTERS	LOT	CHG F50	R6593 CONTROL #845G	STAINLESS BAFFLE FILTERS-16" TALL
AT3	VAPOR PROOF LIGHTS	4	LEDR-108	U.L. E79253 & NSF 2	VAPOR PROOF LED LIGHT FIXTURES
AT4	HOOD MOUNTED CONTROL PANEL	1	SEE DWG.	INCLUDED W/ EXHAUST HOOD	FLUSH MOUNTED - WIRED BY E.C.
AT5	SPACER	1	CUSTOM	TO MEET LOCAL CODE	TYPE 300, 18 GAUAGE S/S CONSTRUCTION - 3" WIDE
AT6	S/S TRIM ENCLOSURE	*LOT	CUSTOM	TO MEET LOCAL CODE	FROM TOP OF HOOD TO +2" ABOVE CEILING
AT7	FIRE SYSTEM	1	ANSUL R-102	U.L. 300 DESIGN	PRE-ENGINEERED - WET CHEMICAL
AT8	EXHAUST FAN	1	STXBRHUL20	U.L. 762	SEE DRAWING DETAILS
AT9	EXHAUST FAN ROOF CURB	1	VERIFY ROOF	TO MEET LOCAL CODE	18 GAUGE GALVANIZED INSULATED STEEL CONSTRUCTION
AT10	EXHAUST DUCT CLEAN-OUT ACCESS	1	THERMAL CERAMICS	TO MEET LOCAL CODE	INSTALLED EVERY 10'-0" OF HORIZONTAL RUN OR CHANGE DIRECTION
AT11	EXHAUST DUCT SYSTEM INSTALLED	LOT	CUSTOM FIELD MEASURE	TO MEET LOCAL CODE	16 GAUGE, FULLY WELDED (LIQUID TIGHT) SEE DRAWING FOR DETAILS
AT12	EXHAUST DUCT FIRE RATED WRAP	LOT	THERMAL CERAMICS	TO MEET LOCAL CODE	FIELD VERIFY BUILDING MATERIALS FOR COMPLIANCE
AT13	PERFORATED MAKE-UP AIR PLENUM	2	BOTTOM DISCHARGE	INCLUDED W/ EXHAUST HOOD	S/S CONSTRUCTION WITH BALANCING DAMPERS & PERFORATED BOTTOM
AT14	TEMP SUPPLY UNIT	1	V-2 (SEE SCHEDULE)	ETL/527941	SEE DRAWING DETAILS
AT15	TEMP SUPPLY UNIT CURB	1	VERIFY ROOF	TO MEET LOCAL CODE	18 GAUGE GALVANIZED INSULATED STEEL CONSTRUCTION
AT16	MAKE-UP AIR DUCT SYSTEM INSTALLED	LOT	CUSTOM FIELD MEASURE	TO MEET LOCAL CODE	22 GAUGE LOW PRESSURE STEEL PER SMACNA STANDARDS
AT17	MAKE-UP AIR ROUND FLEXIBLE DUCT	6	CUSTOM FIELD MEASURE	TO MEET LOCAL CODE	INSULATED FLEXIBLE DUCT WITH BALANCING DAMPERS AT EACH CONNECTION TO PLENU
AT18	TEMP SENSOR	2	AS-SNS/INT0801	TO MEET LOCAL CODE	"AUTO START" CONTROL W/ INTERLOCK TIME DELAY RELAY
AT19	S/S WALL PANELS	LOT	NA	TO MEET LOCAL CODE	TYPE 300 S/S CONSTRUCTION
AT20	S/S END PANELS	0	NA	TO MEET LOCAL CODE	TYPE 300 S/S CONSTRUCTION

ITEM	SYSTEM PARTS	QTY.	MODEL	U.L. AND/OR ETL LISTINGS	REMARKS
ATDW1	DUAL-CONDENSATE VENT RISER	0	AVTEC ASDUCT	NSF	TYPE 300, 16 GAUGE S/S CONSTRUCTION
ATDW2	S/S PERFORATED SCREEN	LOT	CUSTOM	NSF	TYPE 300, 18 GAUGE S/S CONSTRUCTION
ATDW3	DUCT PROTECTOR	0	CUSTOM	NSF	S/S REMOVABLE PERFORATED SCREEN
ATDW4	WALL LOUVER	0	TBD	AS REQUIRED	PAINTED GALVANIZED CONTRUCTION
ATDW5	CONDENSATE EXHAUST HOOD	1	VDW SERIES	AS REQUIRED	TYPE 300 S/S CONSTRUCTION
ATDW6	S/S TRIM ENCLOSURE	*LOT	CUSTOM	TO MEET LOCAL CODE	FROM TOP OF HOOD TO +2" ABOVE CEILING
ATDW7	MOTOR STARTER	1	R-BOX	TO MEET LOCAL CODE	E.C. TO MOUNT BOX IN ACCESSIBLE LOCATION ABOVE CEILING
ATDW8	CONDENSATE EXHAUST FAN	1	SDBD1250SC	U.L. 705	SEE DRAWING DETAILS
ATDW9	CONDENSATE EXHAUST FAN CURB	1	VERIFY ROOF	TO MEET LOCAL CODE	18 GAUGE GALVANIZED INSULATED STEEL CONSTRUCTION
ATDW10	CONDENSATE EXHAUST DUCT SYSTEM INSTALLED	LOT	CUSTOM FIELD MEASURE	TO MEET LOCAL CODE	22 GAUGE SEALED ALUMINUM CONSTRUCTION
ATDW11	GRAVITY BACKDRAFT DAMPER	1	4110 SERIES	TO MEET LOCAL CODE	INSTALLED IN DUCT JUST BELOW ROOF DECK
					RAL, ELECTRICAL, HVAC AND PLUMBING CONTRACT DOCUMEN M BEFORE PRODUCT CONSTRUCTION AND INSTALL.

KITCHEN EQUIPMENT CONTRACTOR TO COORDINATE WITH GENERAL, ROOFING, STRUCTURAL, ELECTRICAL, HVAC AND PLUMBING CONTRACT DOCUMENTS. HOOD SYSTEM INSTALLER TO FIELD MEASURE KITCHEN VENTILATION SYSTEM BEFORE PRODUCT CONSTRUCTION AND INSTALL.

*TRIM MAY BE INCLUDED UPON VERIFICATION OF CEILING HEIGHT

UCTION AND INSTALL. *TRIM MAY BE INCLUDED UPON VERIFICATION OF CEILING HEIGHT

NOT FOR CONSTRUCTION



03/02/2022

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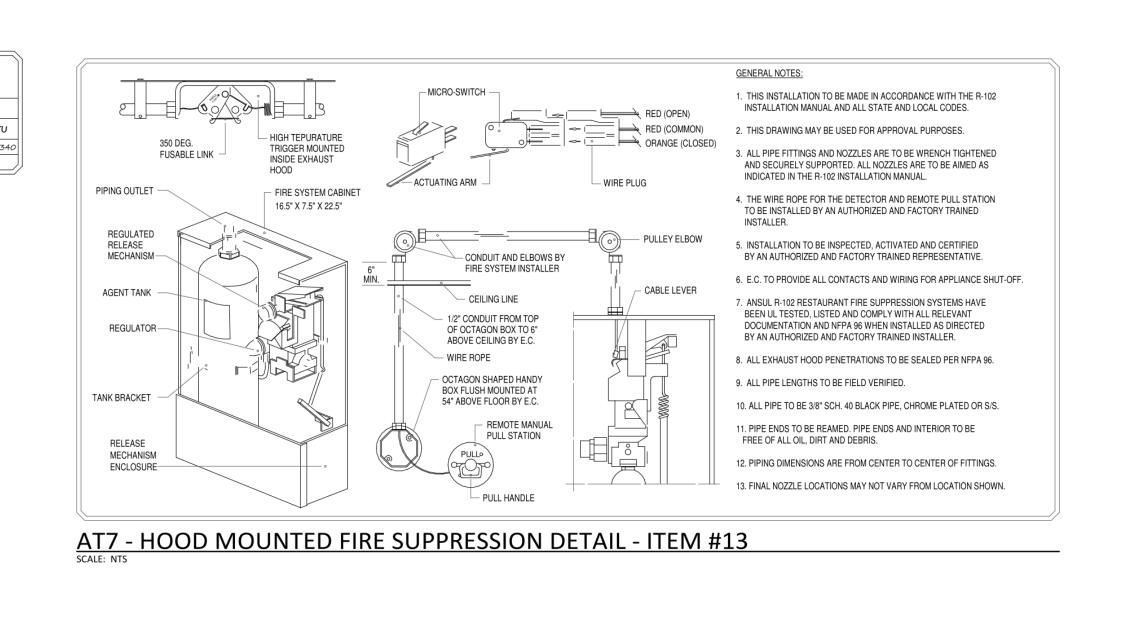
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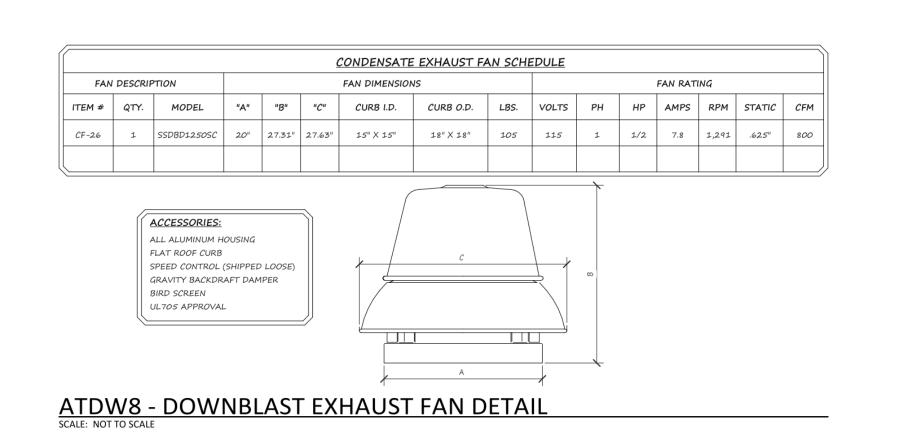
DESIGN & SALES TO ALL TYPES OF FOOD SERVICE OPERATIONS

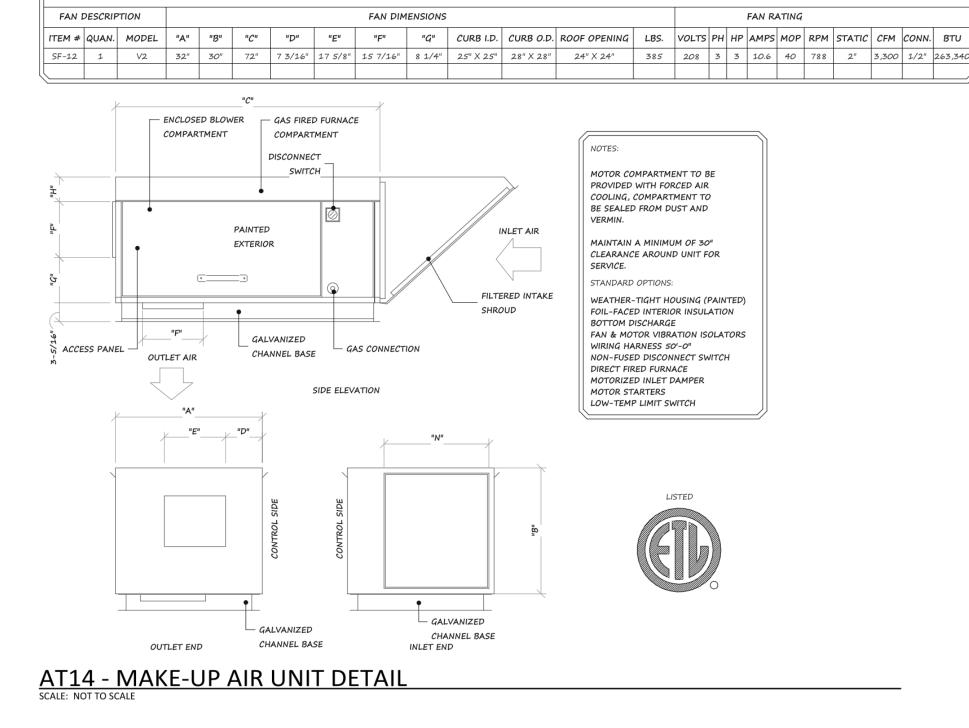
PROJECT MANAGER:

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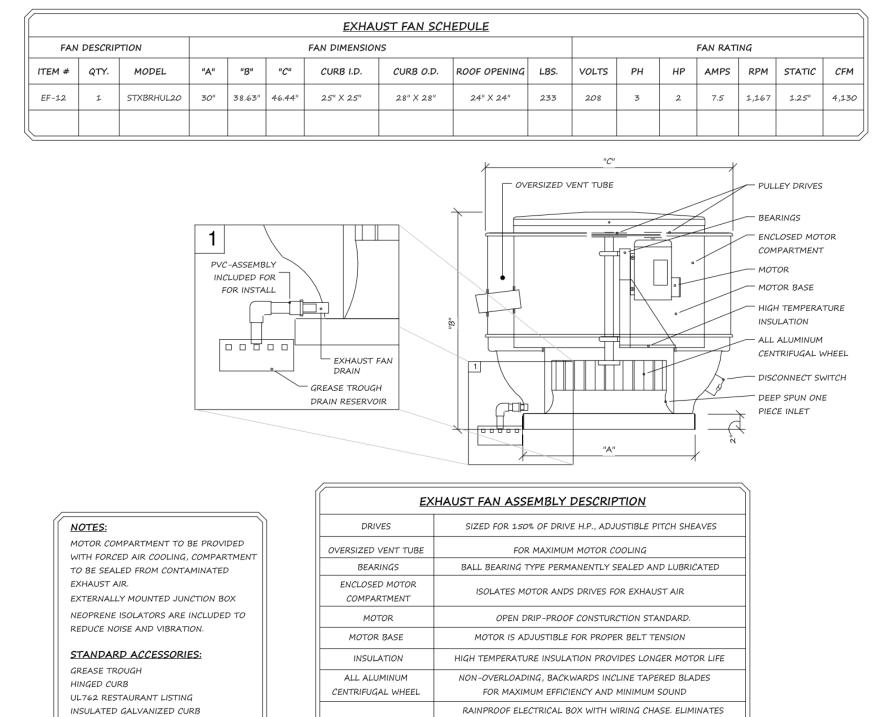


FACE PLATE



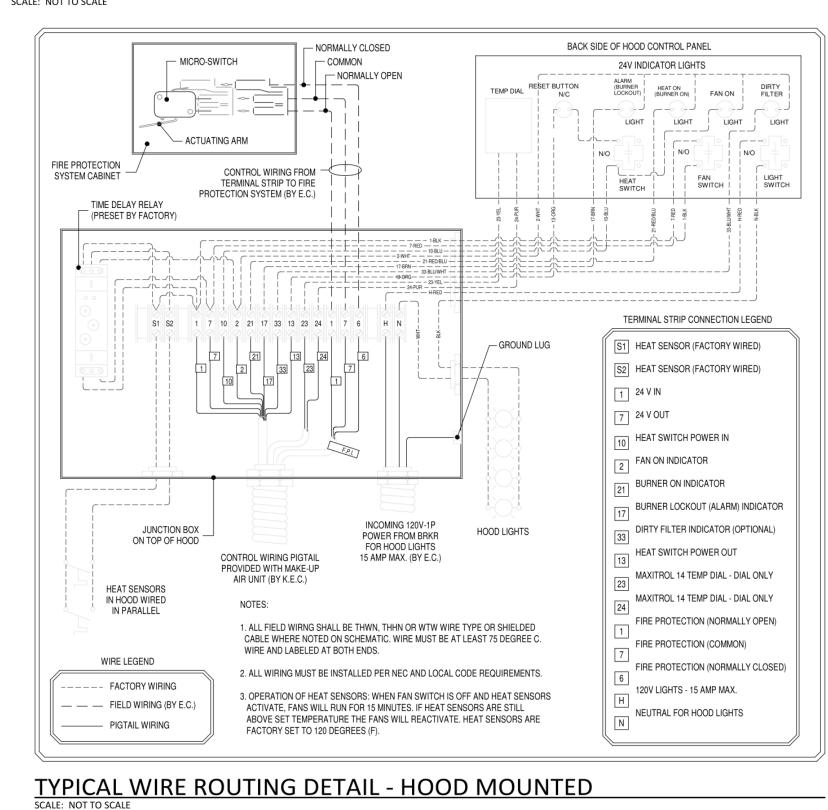


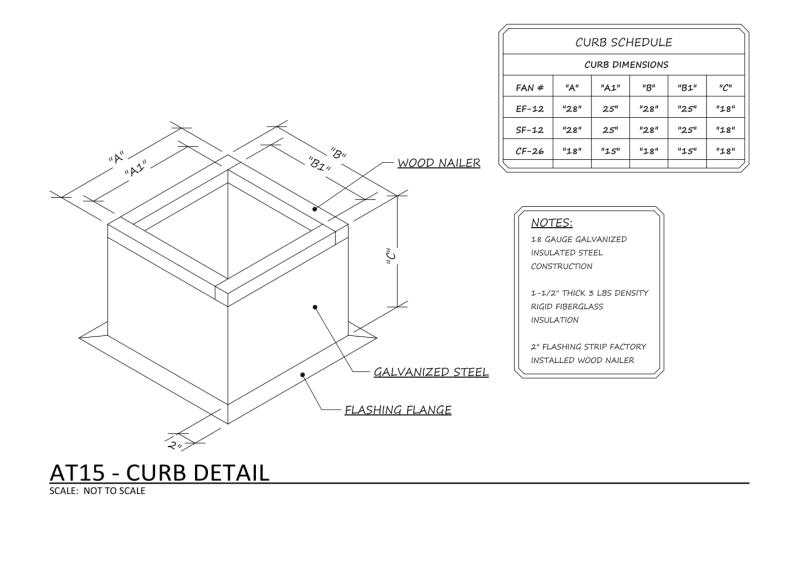
MAKE-UP AIR FAN SCHEDULE



DISCONNECT SWITCH THE NEED TO UNWIRE AND REWIRE THE MOTOR WHEN NON-OVERLOADING, BACKWARDS INCLINE TAPERED BLADES ONE PIECE INLET FOR MAXIMUM EFFICIENCY AND MINIMUM SOUND

AT8 - UPBLAST EXHAUST FAN DETAIL





E.C. TO EXTEND AND CONNECT

POWER FROM MOTOR STARTERS

IN MUA UNIT TO EXHAUST FAN

EXHAUST FAN

E.C. TO EXTEND AND CONNECT

HARNESS FROM MAKE-UP AIR ---

UNIT TO TERMINAL STRIP

IN EXHAUST HOOD J-BOX

EXHAUST HOOD

WIRE ROUTING DETAIL - HOOD W/ CABINET

HARDWARE FOR INCOMING

POWER TO BE SUPPLIED AND

2. CONTROL WIRING FROM THE

EXHAUST HOOD TO THE FIRE

SUPPRESSION SYSTEM TO BE

SUPPLIED AND INSTALLED BY

3. ALL WIRE, CONDUIT AND

HARDWARE FROM MOTOR STARTER(S) IN MUA UNIT TO

THE ELECTRICAL CONTRACTOR.

EXHAUST FANS TO BE SUPPLIED

FIRE SYSTEM

(MOUNT ON HOOD)

E.C. TO EXTEND AND CONNECT

CONTROL WIRING FROM TERMINAL

STRIP IN HOOD J-BOX TO FIRE

SYSTEM MICRO SWITCH

AND INSTALLED BY THE E.C.

CONTRACTOR.

INSTALLED BY THE ELECTRICAL

E.C. TO EXTEND AND CONNECT

INCOMING POWER FROM MAIN

BUILDING BREAKER BOX TO

MUA UNIT DISCONNECT

50' CONTROL WIRING HARNESS

COILED UP INSIDE OF THE UNIT

IS CONNECTED TO THE MAKE-UP

AIR UNIT AT THE FACTORY AND

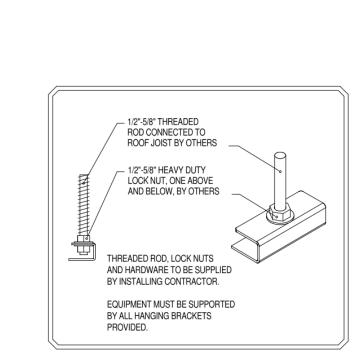
MUA FAN

(ON ROOF)

1. HOOD MOUNTED CONTROL PANEL. 2. DESIGNED FOR OPERATION ON 24V CIRCUIT.

AT4 - HOOD MOUNTED CONTROL PANEL

INDICATOR LIGHTS —



1. DOOR HOLE

2. 1/4" DIA. ALL THREAD RODS

3. ACCESS COVER - 16 GAUGE

4. INSULATION PINS - WELDED

6. TWO LAYERS FIREMASTER FASTWRAP + 1" OVERLAP

PREFABRICATED ACCESS DOOR

SYSTEM AVAILABLE FROM ALL

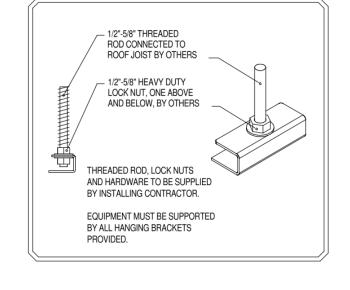
FIREMASTER DEALERS

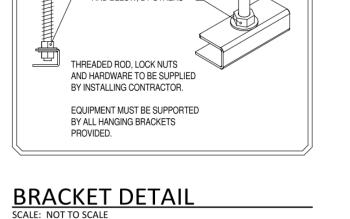
8. ALUMINUM TAPE COVERING ALL EXPOSED EDGES

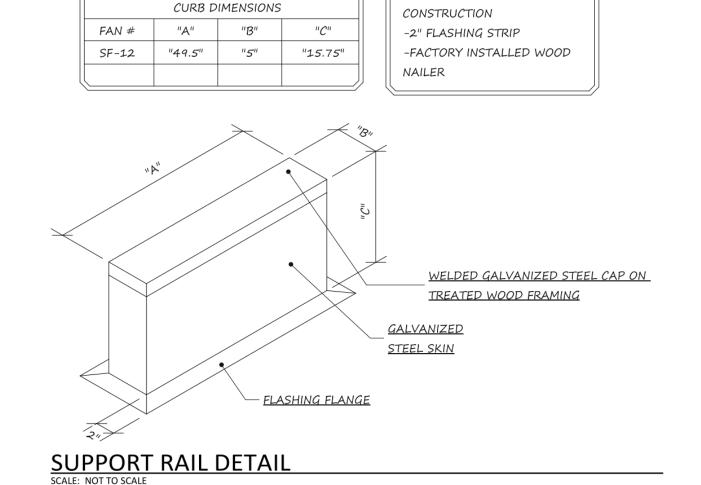
SPOOL PIECES FOR THREADED RODS

SPEED CLIPS

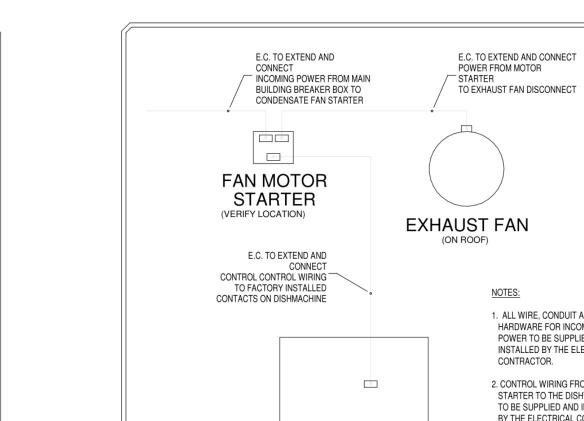
5. ONE LAYER FIREMASTER FASTWRAP+ 10. 1/4" DIA. WING NUTS



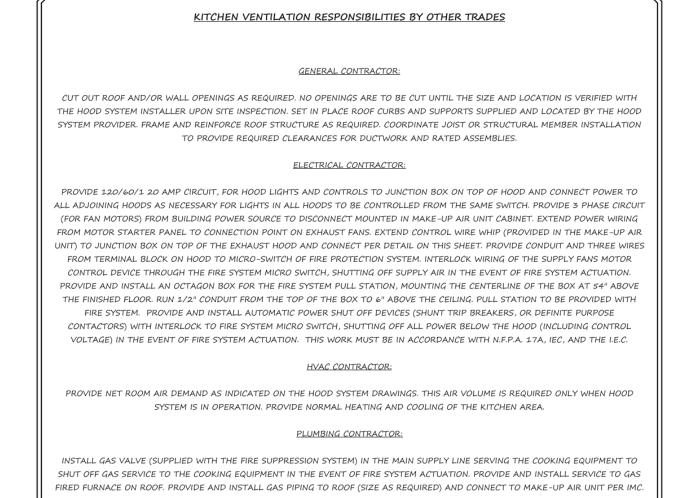




SUPPORT RAIL SCHEDULE







-18 GAUGE GALVANIZED STEEL

FS5.1

DRAWN BY:

SHEET TITLE:

SHEET SCALE:

SHEET NUMBER:

FOODSERVICE HOOD

SHOP DRAWING

(CONTINUED)

NOT FOR CONSTRUCTION

C&T Design and Equipment Co., Inc.

2750 Tobey Drive

Indianapolis, Indiana 46219

Phone: 317.898.9602 www.c-tdesign.com DESIGN & SALES TO ALL TYPES OF FOOD SERVICE OPERATIONS

Brian Hutson

bhutson@c-tdesign.com

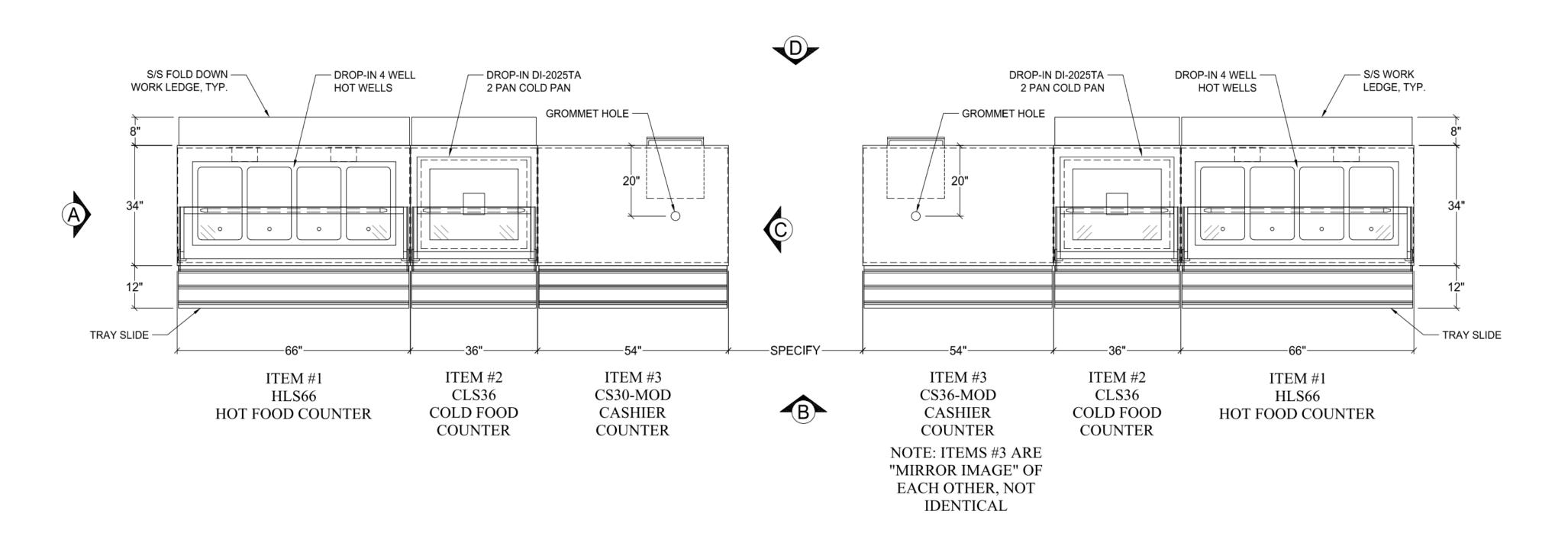
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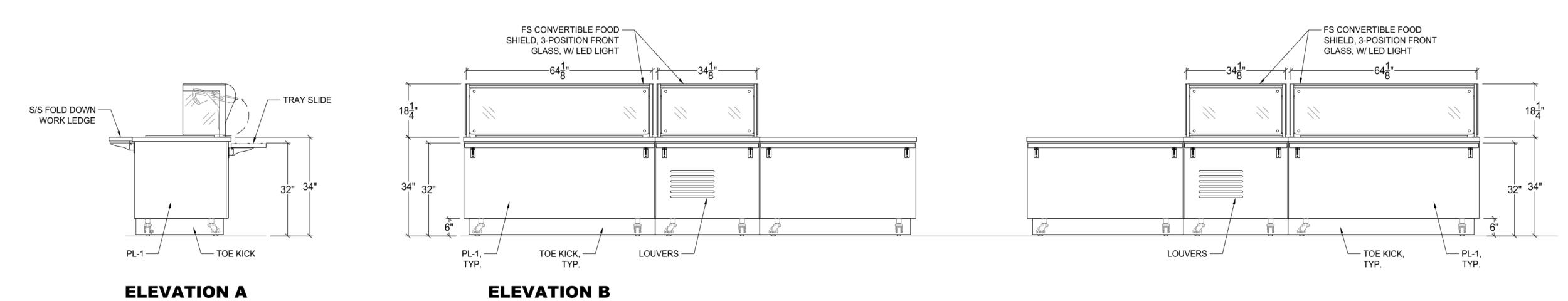
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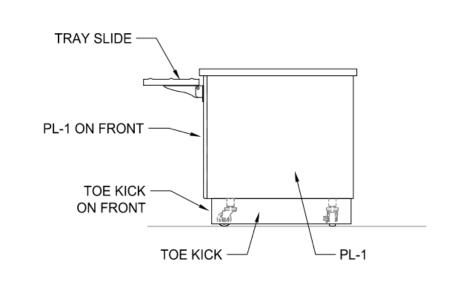
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PROJECT MANAGER:

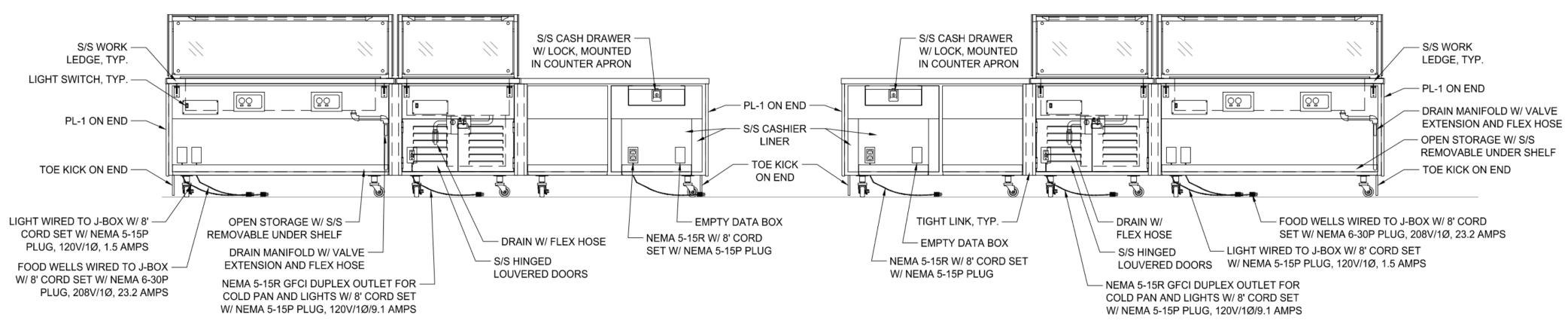
EMAIL ADDRESS:



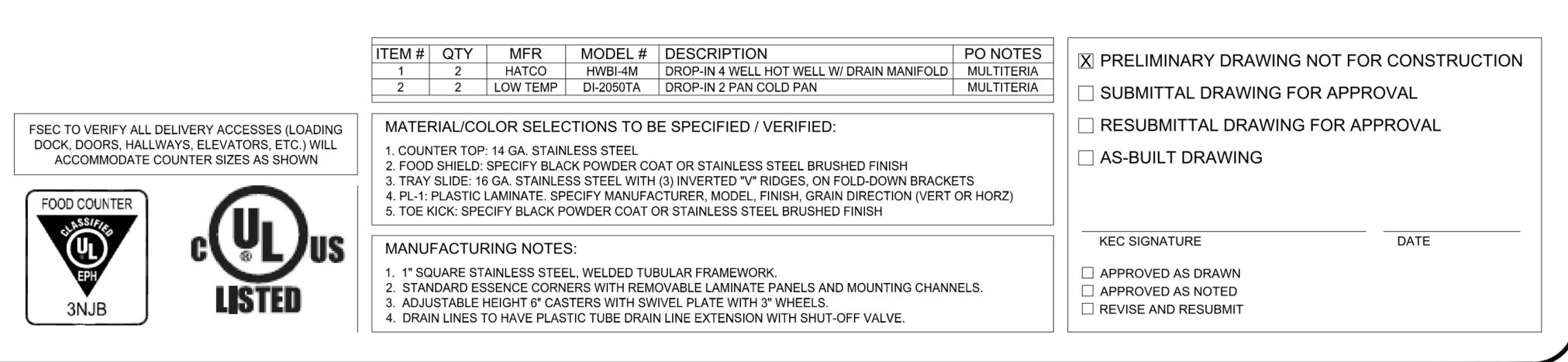




ELEVATION C



ELEVATION D



FS5.2

PROJECT No:

DRAWN BY:

SHEET SCALE:

SHEET TITLE:

FOODSERVICE

DRAWING

SHEET NUMBER:

SERVING LINE SHOP

SHEET SCALE:
SHEET TITLE:
FOODSERVICE
ISOMETRIC VIEW

FS6

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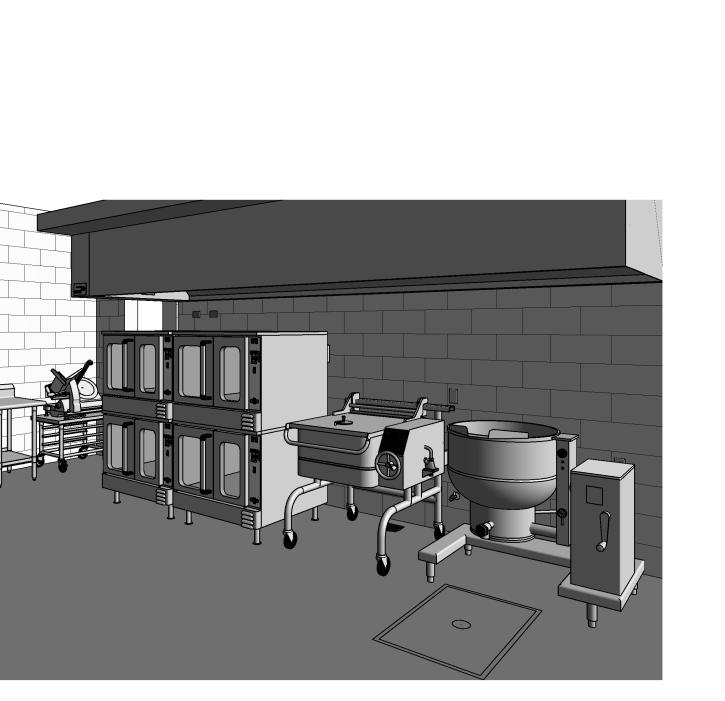
bhutson@c-tdesign.com

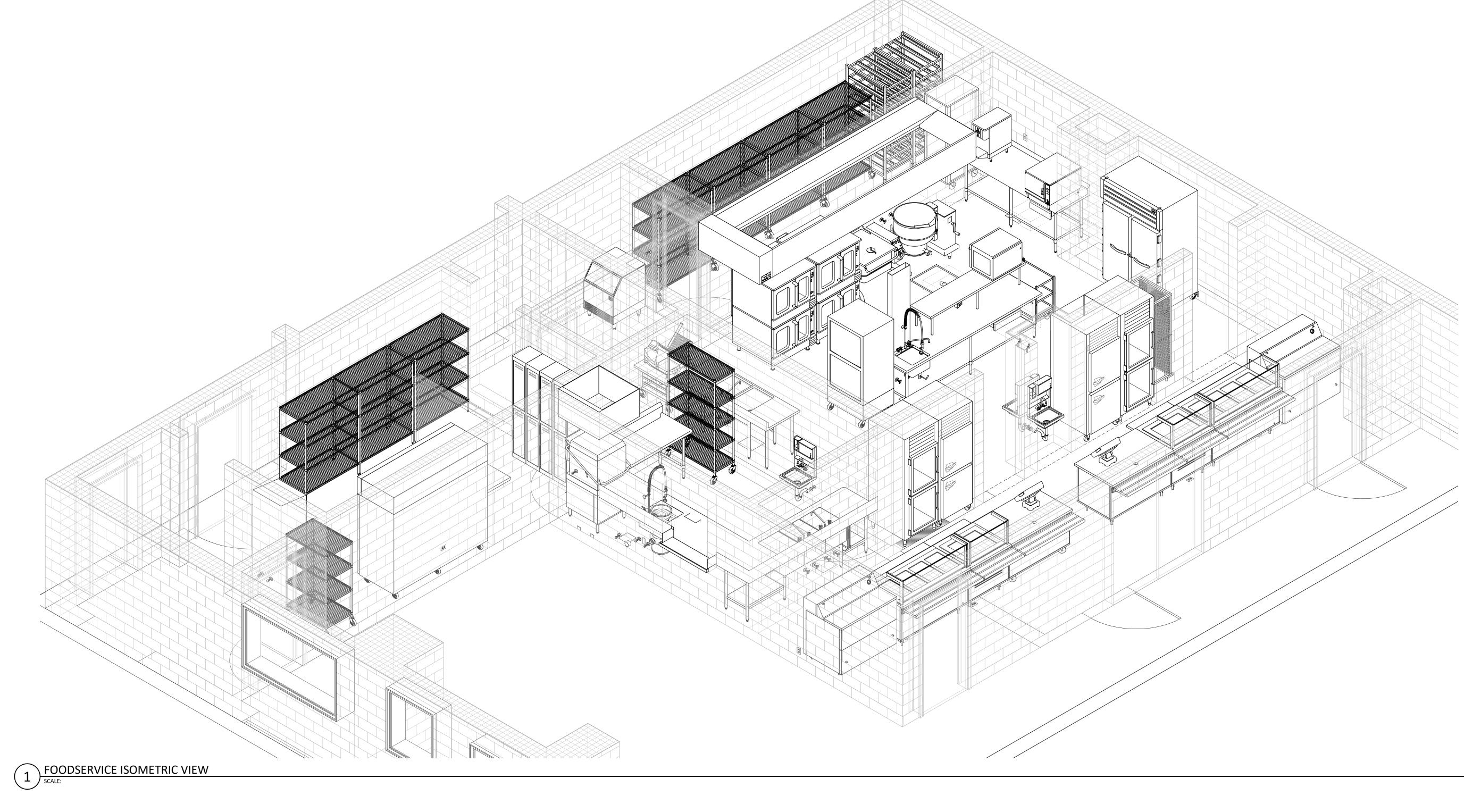
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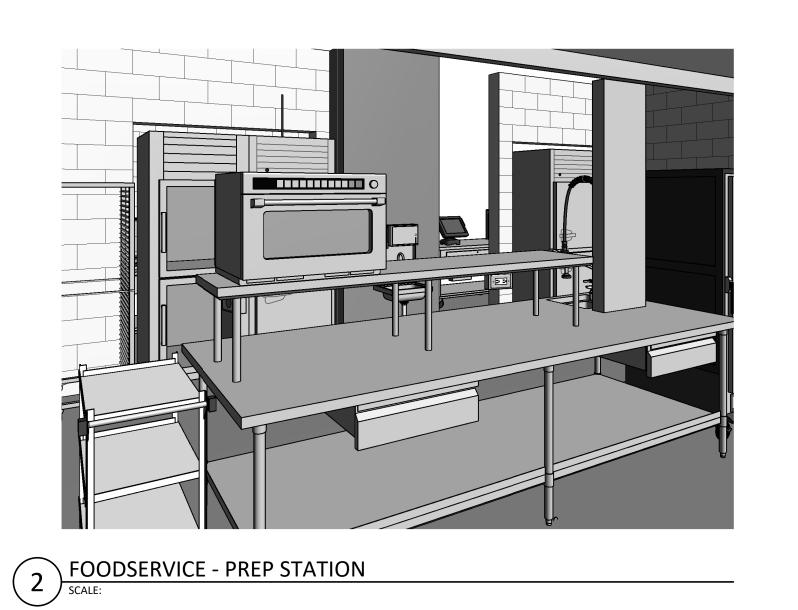
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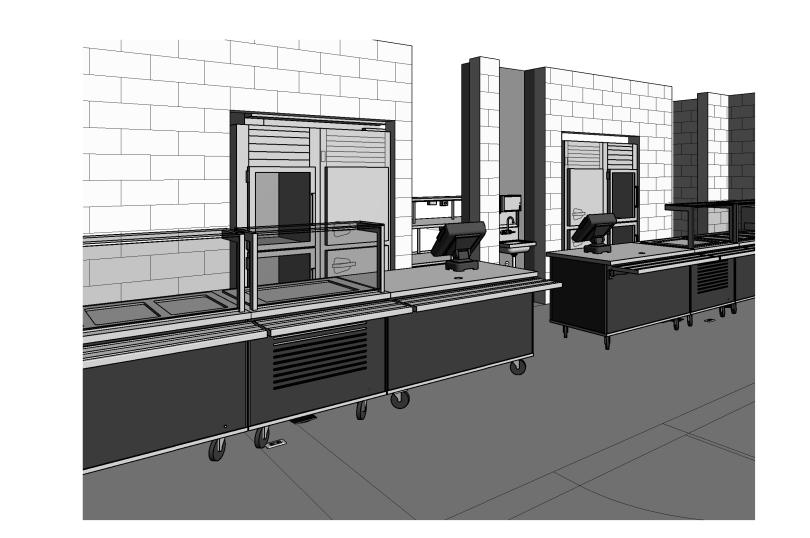
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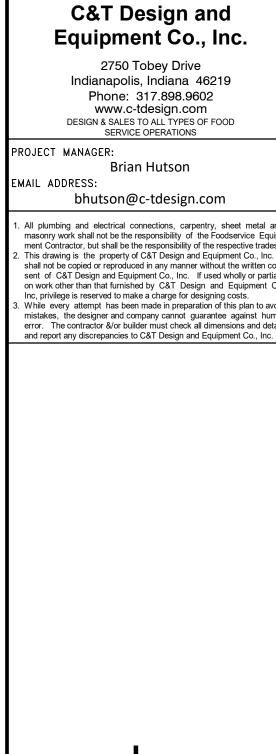
FOODSERVICE - SERVING LINE

SCALE:

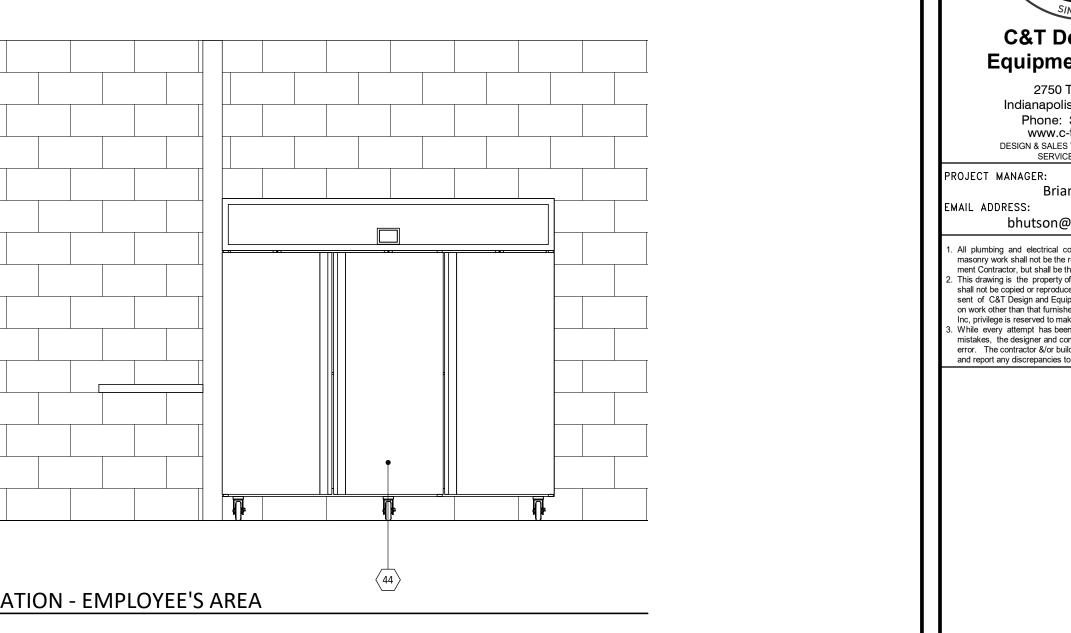
FOODSERVICE - COOKING LINE

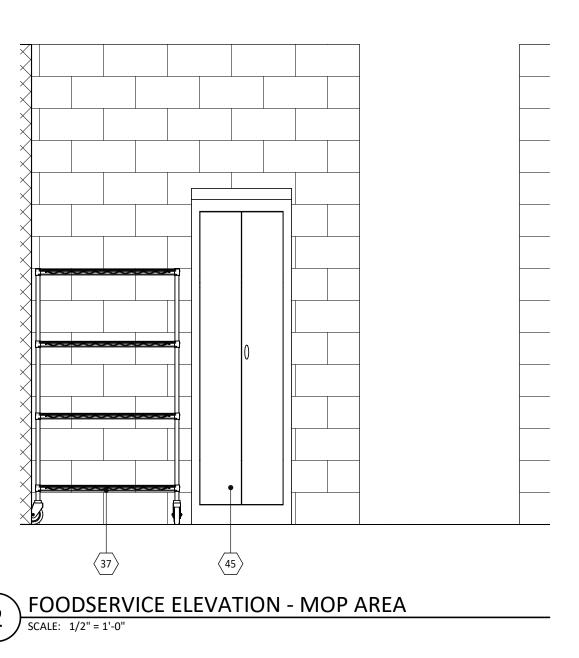
SCALE:

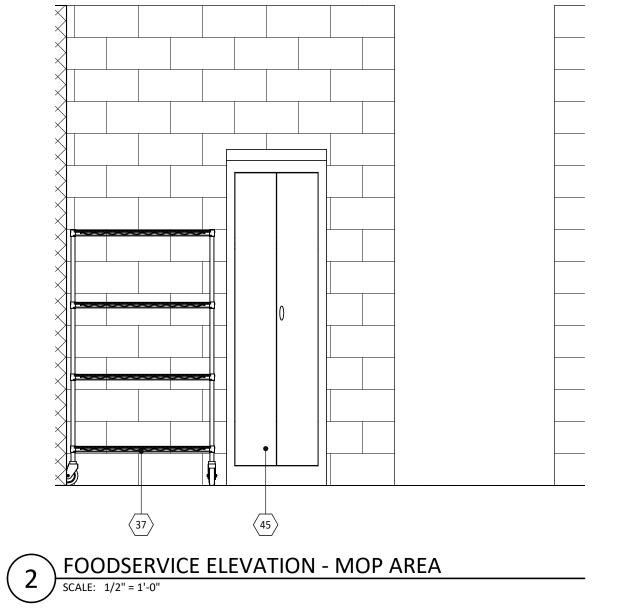
	SHEET	N

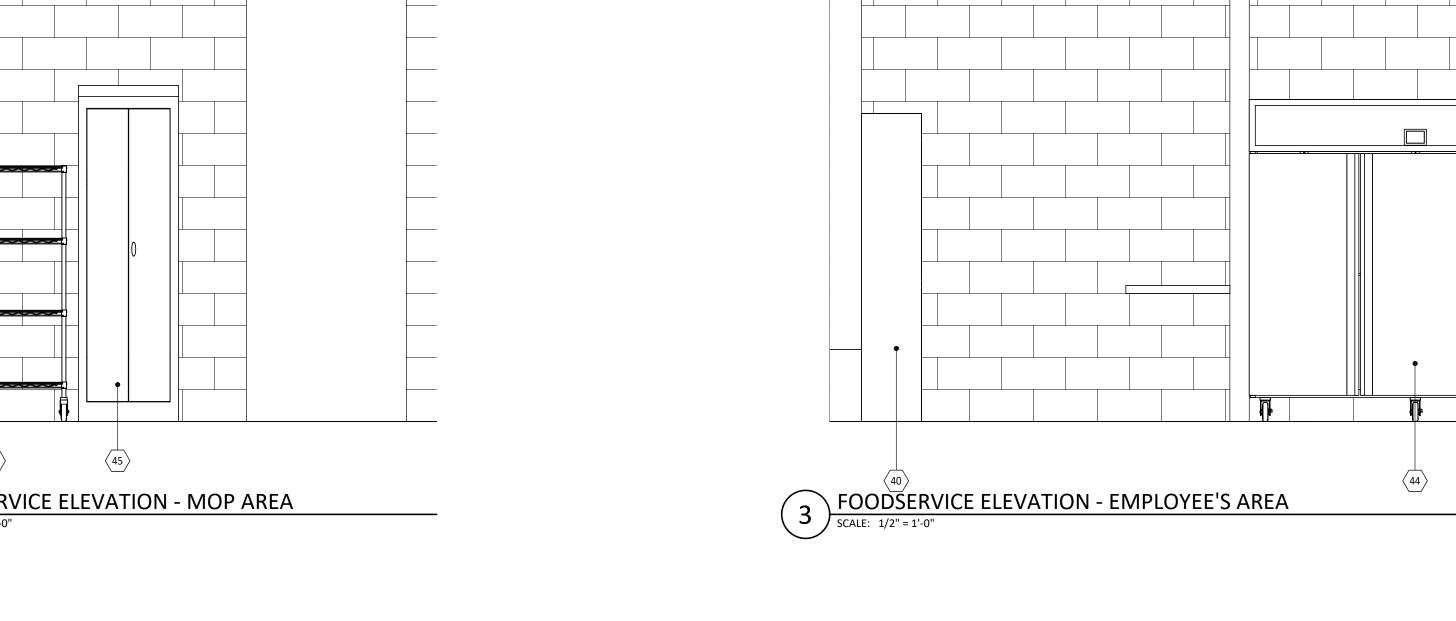


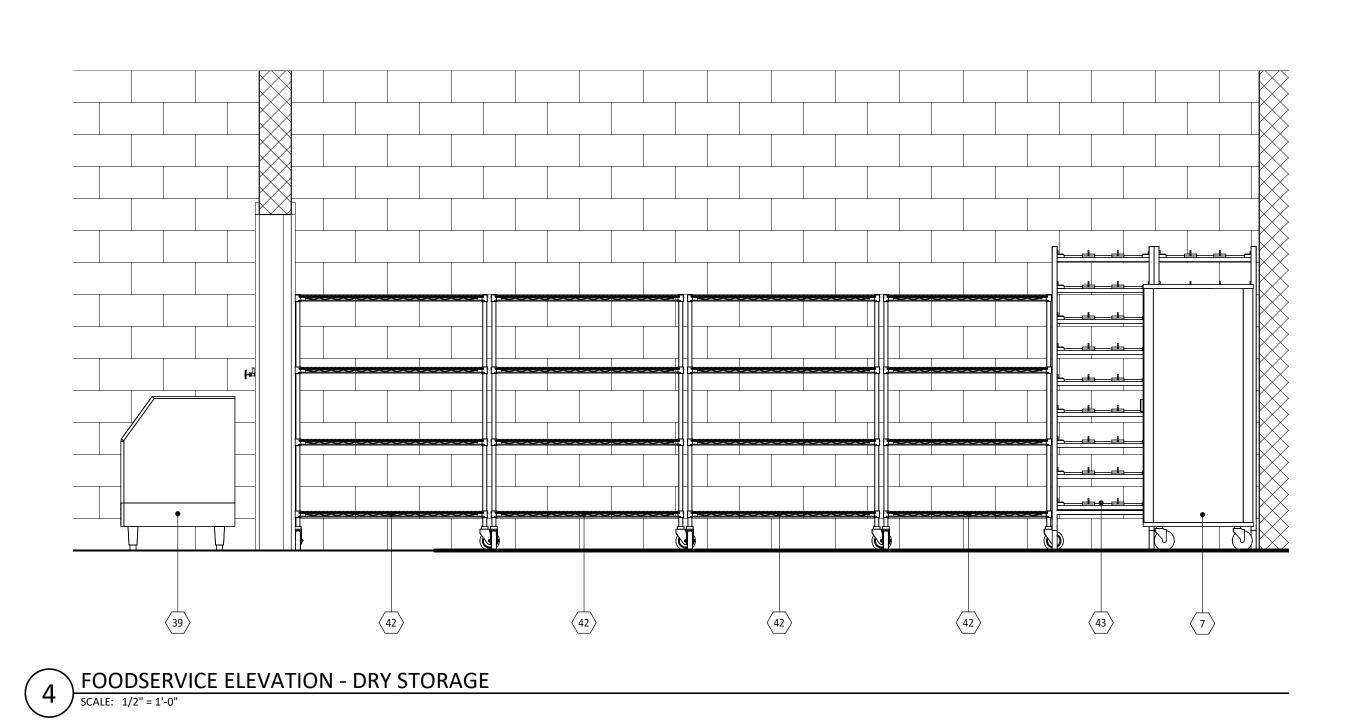


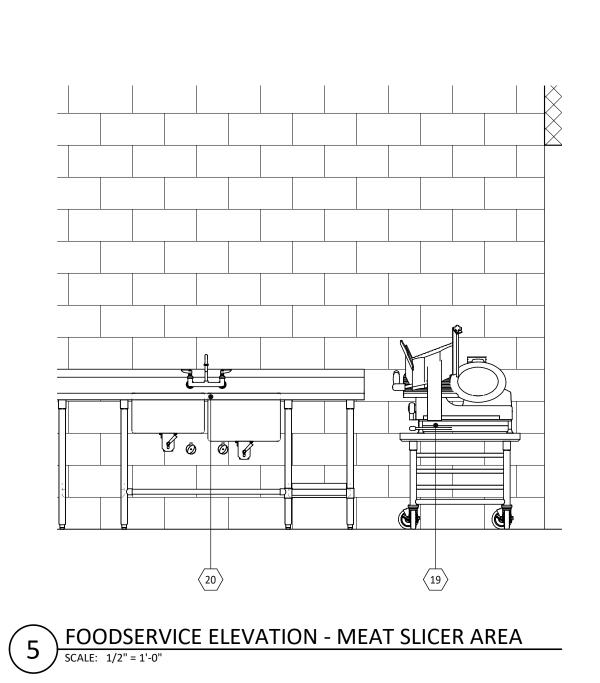


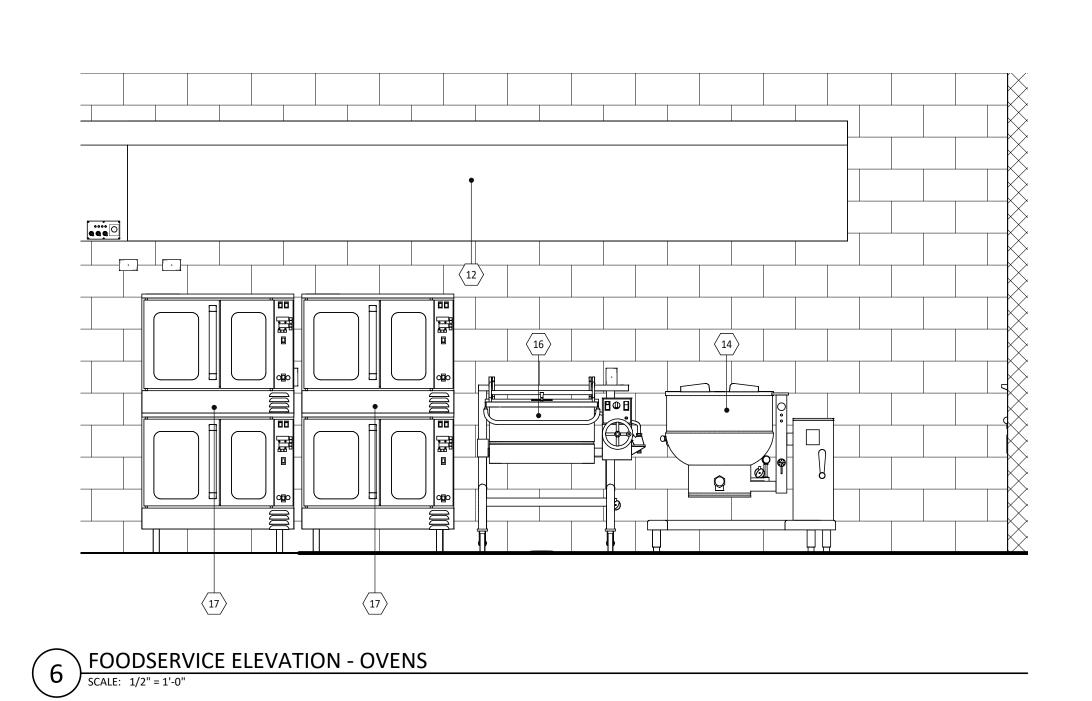


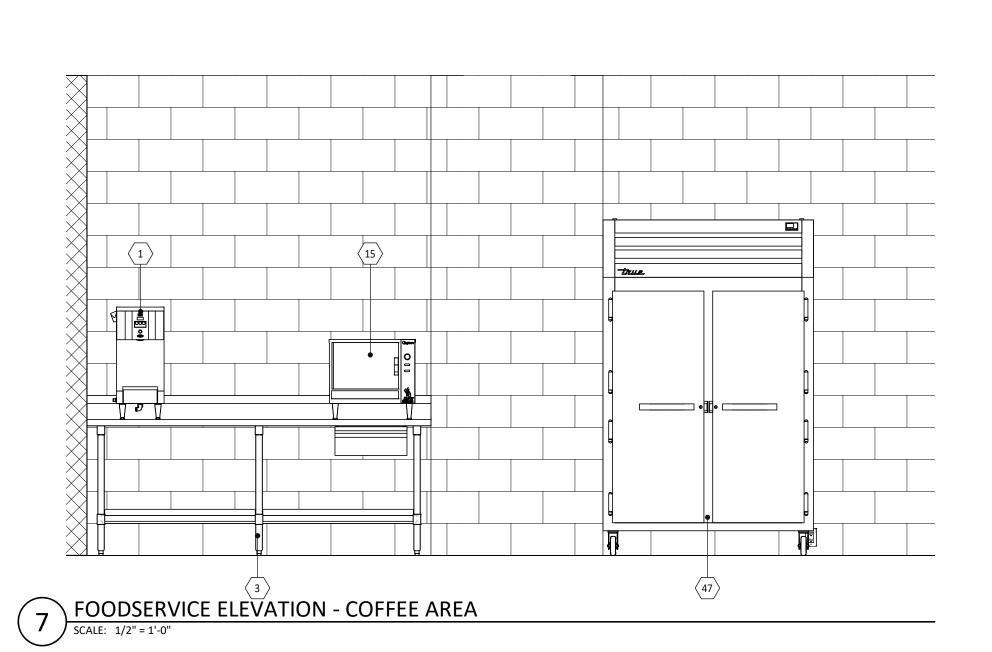






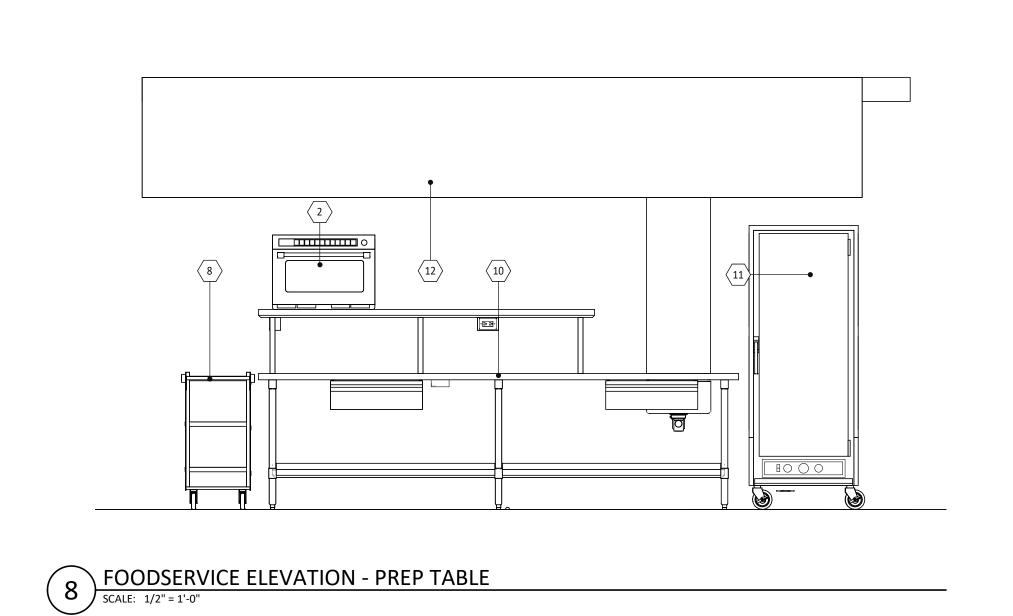






FOODSERVICE ELEVATION - SHELVING

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



03/02/2022 DRAWN BY: 1/2" = 1'-0" FOODSERVICE ELEVATIONS

FS6.1

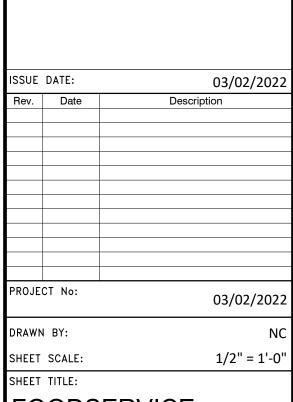
SHEET NUMBER:

EMAIL ADDRESS: bhutson@c-tdesign.com

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FOODSERVICE ELEVATIONS (CONTINUED)

FS6.2

