



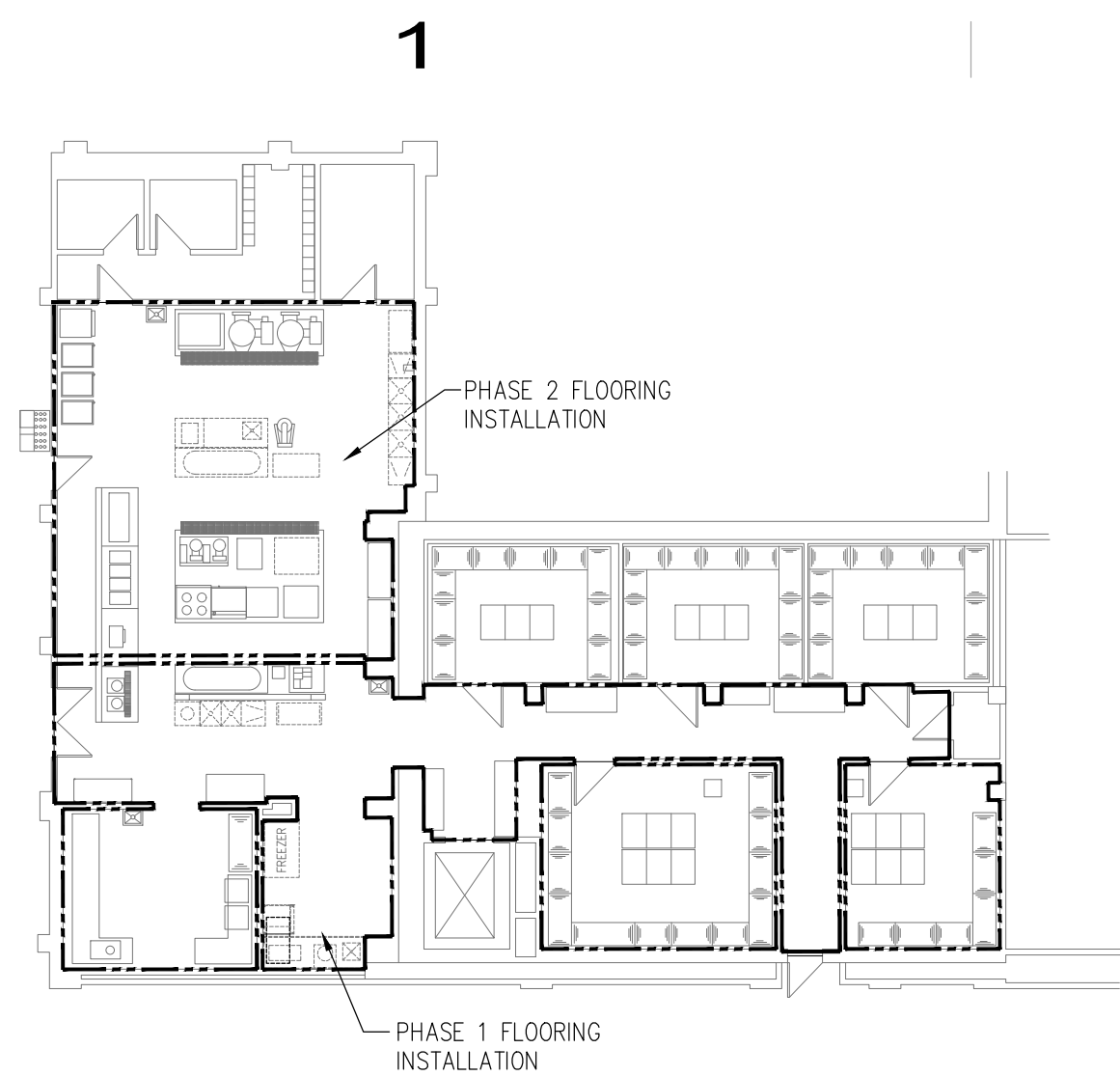


A

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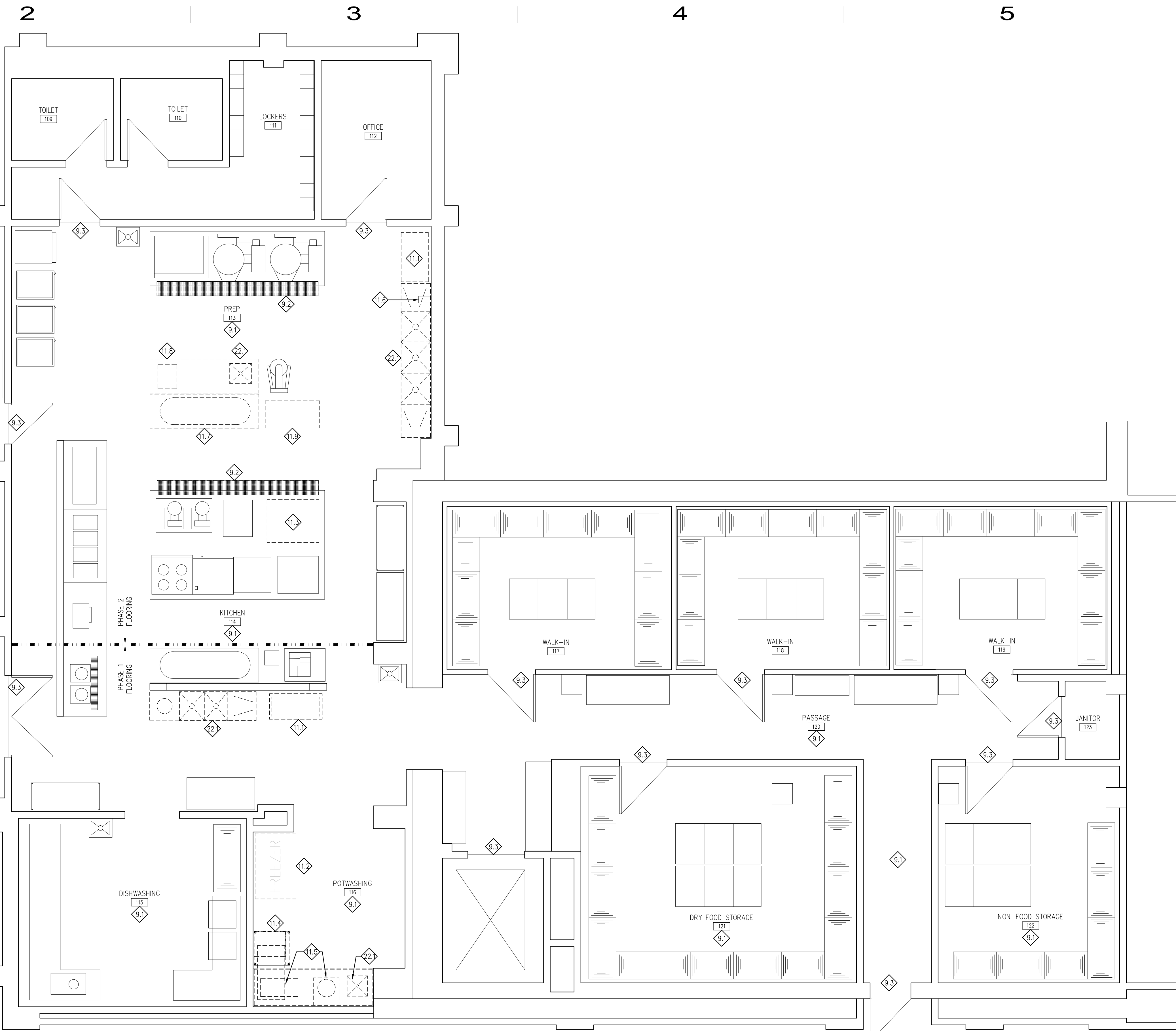
**A1** flooring phasing demo plan  
1/16" = 1'-0"

**general demolition notes:**

1. ITEMS TO BE REMOVED SHOWN DASHED, TYPICAL.
2. PATCH AND RESTORE ALL SURFACES TO MATCH ADJACENT SURFACES AND MATERIALS AT AREAS OF DEMOLITION.
3. PROVIDE TEMPORARY SHORING, BRACING, AND PROTECTION FOR ALL AREAS DURING DEMOLITION AND CONSTRUCTION.
4. ALL AREAS OF DEMOLITION RELATING TO MECHANICAL, PLUMBING, AND ELECTRICAL SHALL BE PATCHED TO MATCH ADJACENT MATERIALS AND FINISHES AS REQUIRED.

**demolition keyed notes:**

- 9.1 RELOCATE EQUIPMENT AND PREPARE FLOOR FOR NEW WORK.  
9.2 REMOVE EXISTING FLOOR DRAIN FOR FLOORING WORK AND REINSTALL.  
9.3 REMOVE EXISTING THRESHOLD PRIOR TO NEW FLOOR POUR. SALVAGE FOR RE-USE IN THIS PROJECT.
- 11.1 REMOVE OR SALVAGE EXISTING GREASE INTERCEPTOR AS REQUIRED IN ENTIRETY.  
11.2 REMOVE EXISTING FREEZER UNIT IN ITS ENTIRETY. SALVAGE FOR RE-USE IN THIS PROJECT.  
11.3 REMOVE EXISTING COMBI-OVEN IN ITS ENTIRETY.  
11.4 REMOVE EXISTING ICE MAKER AND FILTER IN THEIR ENTIRETY. SALVAGE FOR RE-USE IN THIS PROJECT.  
11.5 REMOVE EXISTING COFFEE BREWER IN ITS ENTIRETY. SALVAGE FOR RE-USE IN THIS PROJECT.  
11.6 EXISTING HOSE REEL TO REMAIN.  
11.7 REMOVE EXISTING PREP TABLE IN ITS ENTIRETY.  
11.8 REMOVE EXISTING MEAT SLICER IN ITS ENTIRETY. SALVAGE FOR RE-USE IN THIS PROJECT.  
11.9 REMOVE AND RELOCATE EXISTING MOBILE SHELVING.
- 22.1 REMOVE EXISTING SINK UNIT IN ITS ENTIRETY, INCLUDING ANY AND ALL ATTACHED SURFACES. CAP PLUMBING AS REQUIRED.



**D2** demolition plan  
1/4" = 1'-0"



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consultants:



design by: lkb  
drawn by: lkb  
checked by: jri  
approved by: jri

**Taunton State  
Hospital  
Food Service  
Improvements  
EHS1801-TR1**

60 hodge avenue  
taunton, ma 02780

keyplan:

rev.	date:	issued for:	initialed:

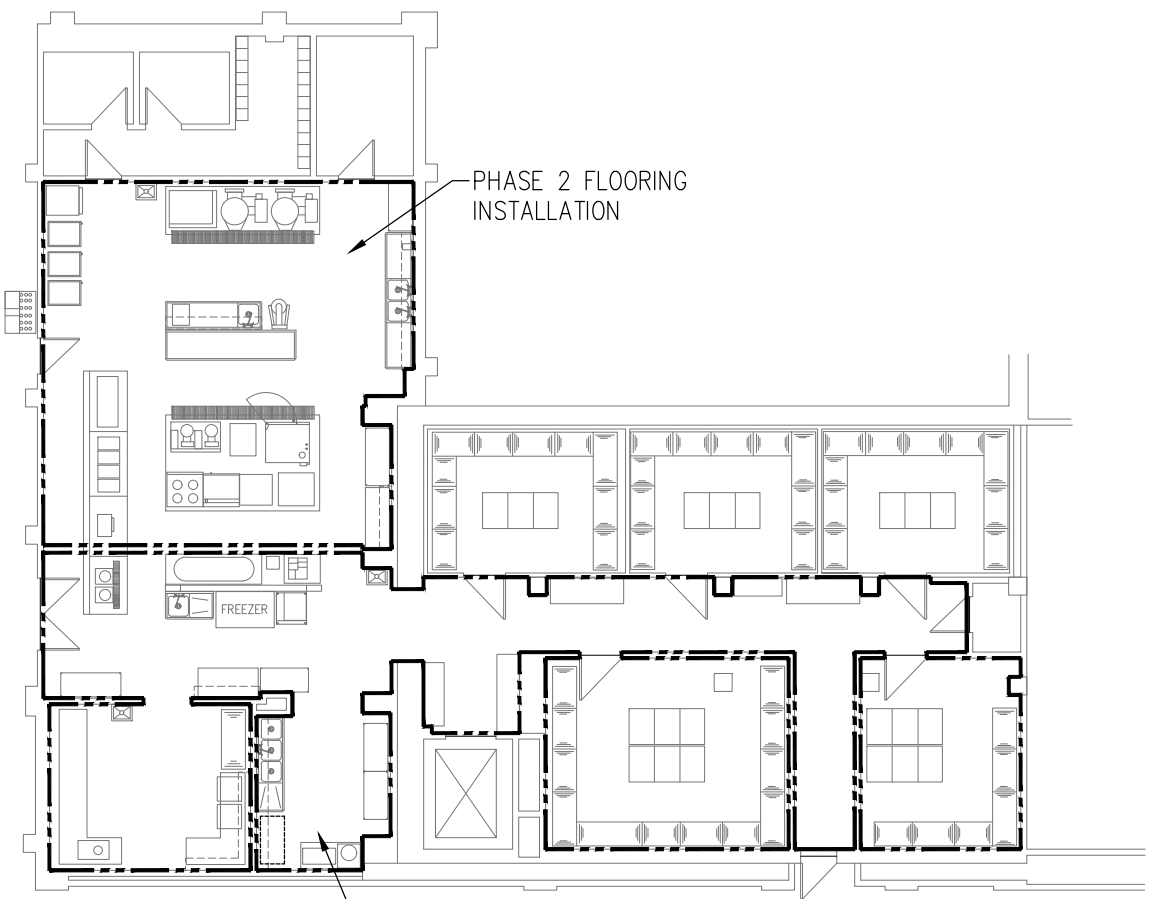
demolition plan

date: 12.06.17  
project number: dcm-4163  
scale: as noted  
drawing number:

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NOT TO BE USED FOR CONSTRUCTION

AD-101

A



**B1** flooring phasing plan  
1/16" = 1'-0"

B

**general plan notes:**

1. SEE SHEET GI-101 FOR TYPICAL SYMBOLS AND DRAWING CONVENTIONS.
2. REPAIR/REPLACE ALL IMPACTED FINISHES TO MATCH EXISTING.
3. ALL OPENINGS SHALL BE FIRE STOPPED AS REQUIRED BY CODE.
4. GC TO COORDINATE WITH KITCHEN EQUIPMENT VENDOR FOR INSTALLATION OF KITCHEN EQUIPMENT.

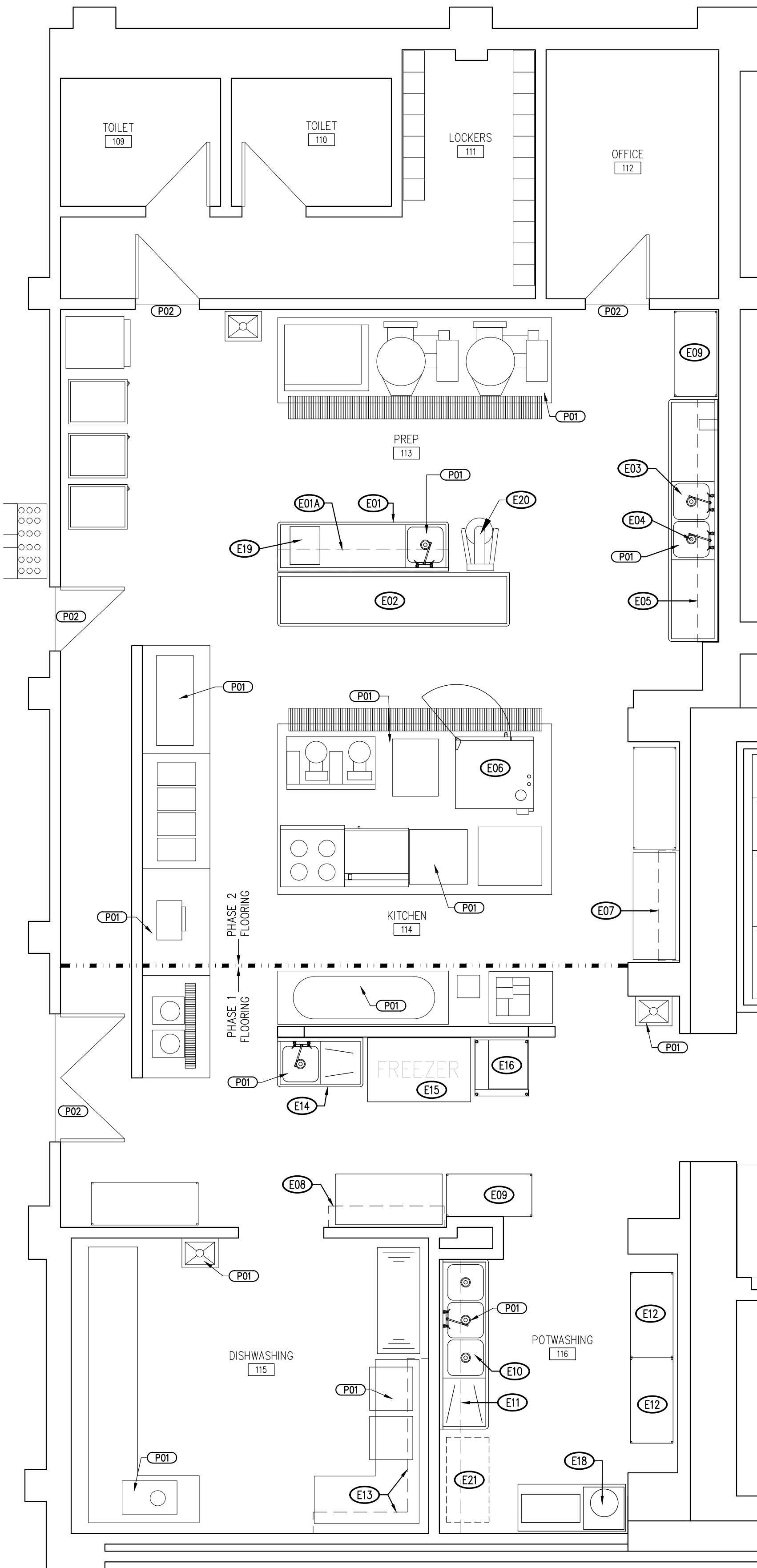
**plan keyed notes:**

- (P01) FIRESAFE AND SEAL FLOOR PENETRATIONS, REFER TO DETAIL B4/A-101  
(P02) INSTALL SALVAGED THRESHOLD AFTER NEW FLOOR POUR

**equipment keyed notes:**

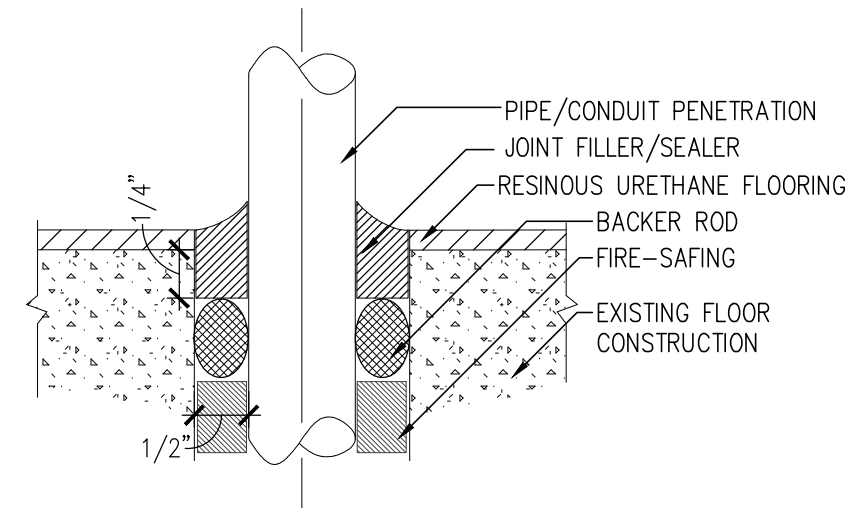
- NOTE: SEE EQUIPMENT PLANS AND SCHEDULE FOR MORE INFORMATION.
- (E01) WORK TABLE WITH ONE (1) 20" X 20" X 10" SINK  
(E01A) OVERHEAD SHELF WITH UTENSIL AND POT RACK  
(E02) WORK TABLE  
(E03) PREP TABLE WITH TWO (2) 20" X 20" X 10" SINKS  
(E04) INSINKERATOR DISPOSAL  
(E05) 138" WALL SHELF AT 60" A.F.F.  
(E06) ALTO-SHAAM COMBITHERM CT PROFORMANCE COUNTERTOP COMBI OVEN/STEAMER  
(E07) 60" WALL SHELF MOUNTED AT 60" A.F.F.  
(E08) 69" WALL SHELF MOUNTED AT 60" A.F.F.  
(E09) 48"W X 24"D DRY STORAGE SHELVE  
(E10) THREE (3) BAY POT SINK  
(E11) WALL SHELF WITH POT HOOKS MOUNTED AT 72" A.F.F.  
(E12) MOBILE POT SHELVE  
(E13) WALL SHELF WITH POT HOOKS MOUNTED AT 72" A.F.F.  
(E14) SINK WITH DRAIN BOARD  
(E15) SALVAGED FREEZER AND FILTER RACK  
(E16) SALVAGED ICE MAKER AND FILTER  
(E17) HAND SINK  
(E18) SALVAGED COFFEE BREWER  
(E19) SALVAGED MEAT SLICER  
(E20) SALVAGED FLOOR MIXER  
(E21) SALVAGED GREASE TRAP

C



**D2** kitchen plan  
1/4" = 1'-0"

4



**B4** floor penetration detail  
nts

5

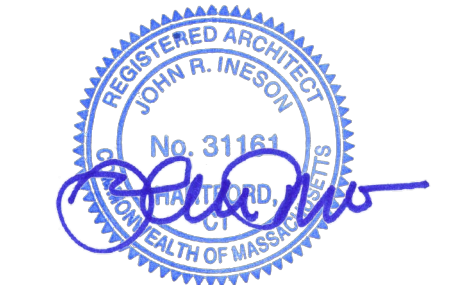
D



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**Taunton State  
Hospital  
Food Service  
Improvements  
EHS1801-TR1**

60 hodge avenue  
taunton, ma 02780

keyplan:

project north			
rev.	date	issued for	initialed

kitchen plan

date: 12.06.17  
project number: dcm-4163  
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A-101



A

B

C

D

1

plumbing abbreviations:

AFF	ABOVE FINISHED FLOOR
BTU	BRITISH THERMAL UNIT
C	COMMON
CFM	CUBIC FEET PER MINUTE
CO	CLEANOUT
CW	COLD WATER
DEG	DEGREE
D	DRAIN
DIA	DIAMETER
ø	DIAMETER
DN	DOWN
DWG	DRAWING
EC	ELECTRICAL CONTRACTOR
EFF	EFFICIENCY
FLR	FLOOR
FT	FEET
FCO	FLOOR CLEANOUT
GC	GENERAL CONTRACTOR
HW	HOT WATER
IN	INCHES
M	MOTORIZED DAMPER
MC	MECHANICAL CONTRACTOR
MAX	MAXIMUM
MBH	1000 BTU/HOUR
MECH	MECHANICAL
MFR	MANUFACTURER
MIN	MINIMUM
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
NO	NUMBER
#	NUMBER
PC	PLUMBING CONTRACTOR
RPM	REVOLUTIONS PER MINUTE
RTU	ROOFTOP UNIT
SAN	SANITARY PIPING
SQ. FT	SQUARE FEET
ST	STORM
TR	TRANSFER
TYP	TYPICAL
UC	UNDERCUT DOOR
UH	UNIT HEATER
V	VOLTS
VT	VENT
VTR	VENT THRU ROOF
W	WIDTH
WC	WATER COLUMN
X	EXISTING TO BE REMOVED
XM	EXISTING TO REMAIN
XR	EXISTING TO BE RELOCATED
XL	NEW LOCATION OF RELOCATED EQUIPMENT

2

general plumbing legend:

	POINT OF DISCONNECT
	POINT OF NEW CONNECTION
	SHEET SPECIFIC DEMOLITION KEYED NOTES
	SHEET SPECIFIC NEW WORK KEYED NOTES
	EQUIPMENT CALLOUT REQUIRING ELECTRICAL SERVICE
	EQUIPMENT CALLOUT NOT REQUIRING ELECTRICAL SERVICE
	MOTOR ACTUATOR
	CLEANOUT
	FLOOR CLEANOUT
	ROOF DRAIN

3

piping legend

label	symbols	description
		EXISTING TO BE REMOVED
		EXISTING TO REMAIN
CW		COLD WATER
HW		HOT WATER
HW		HOT WATER RETURN
GAS		GAS LINE
ST		STORM DRAIN
VT		SANITARY VENT
SAN		SANITARY WASTE
CD		CONDENSATE DRAIN
		BALL VALVE
		GATE VALVE
		BALANCING VALVE
		CHECK VALVE
		GLOBE VALVE
		PRESSURE REDUCING VALVE
		MOTORIZED OR CONTROL VALVE
		SOLENOID VALVE
		RELIEF VALVE (PRESSURE OR T&P)
		VENT
		BACKFLOW PREVENTER
		BUTTERFLY VALVE
		STRAINER W/ BLOWOUT
		MIXING VALVE
		REDUCER
		PIPE BREAK
		DIRECTION OF FLOW
		FLOW STARTING ON THIS SHEET
		FLOW ENDING ON THIS SHEET
		PRESSURE GUAGE
		THERMOMETER
		PUMP
		UNION
		FLEXIBLE CONNECTOR
		END CAP OR PLUG
		LOW WATER CUT OUT
		WATER HAMMER ARRESTOR

4

plumbing insulation notes:

PROVIDE THERMAL INSULATION ON ALL HOT & COLD WATER PIPING. INSULATION SHALL BE JACKETED FIBERGLASS INSULATION WITH MANUFACTURES APPROVED ADHESIVES, SEALERS, AND COATINGS. ALL MATERIALS SHALL NOT EXCEED 25 FOR FLAME SPREAD OR 50 FOR SMOKE DEVELOPMENT AND HAVE A THERMAL CONDUCTIVITY NOT EXCEEDING 0.27 BTU · INCH/H · FT2 · °F AT A MEAN TEMPERATURE OF 75°F. UNLESS OTHERWISE REQUIRED BY LOCAL AUTHORITY OR ENERGY CODE(S) MINIMUM INSULATION THICKNESS SHALL BE 1-INCH FOR PIPES 2-INCH DIAMETER AND SMALLER, 1½-INCH FOR PIPES LARGER THAN 2-INCH DIAMETER.

general electrical notes:

- ALL WIRING SHALL COMPLY WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NFPA 70).
- THE CONTRACTOR SHALL IDENTIFY POWER SOURCES IN THE FIELD.
- INSTALL AND CONNECT ELECTRICAL CONTROL DEVICES FURNISHED BY THE MANUFACTURER, UNLESS SPECIFIED TO BE FACTORY MOUNTED.
- THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION AND ELECTRICAL REQUIREMENTS OF ALL EQUIPMENT PRIOR TO INSTALLATION AND COORDINATE REQUIREMENTS WITH ELECTRICAL TRADE.

5

general plumbing notes:

- WORK, MATERIALS, AND EQUIPMENT SHALL COMPLY WITH THE MOST RESTRICTIVE OF LOCAL, STATE, AND FEDERAL AUTHORITIES' CODES AND ORDINANCES OR THESE PLANS AND SPECIFICATIONS. AS A MINIMUM, THE INSTALLATION SHALL COMPLY WITH THE CURRENT EDITIONS IN EFFECT 30 DAYS PRIOR TO THE RECEIPT OF BIDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY PERMITS AND BE RESPONSIBLE FOR PAYMENT OF SAME ON ALL WORK WITHIN THIS CONTRACT. CONTRACTOR SHALL BE RESPONSIBLE TO MAKE CHANGES AS REQUESTED BY THE AHJ.
- CONTRACT DOCUMENT DRAWINGS FOR MECHANICAL WORK (HVAC, PLUMBING AND FIRE PROTECTION) ARE DIAGRAMMATIC AND ARE INTENDED TO CONVEY SCOPE AND GENERAL ARRANGEMENT ONLY.
- ALL FIELD CONDITIONS SHALL BE VERIFIED PRIOR TO BIDDING, PROPOSING, OR BEGINNING ANY WORK. CHANGES RESULTING FROM CONDITIONS ARISING IN THE FIELD ARE TO BE MADE AT NO ADDITIONAL COST TO THE OWNER. COORDINATE ALL WORK OR ADJUST SAME TO THAT OF OTHER TRADES AND TO COMPENSATE FOR EXISTING CONDITIONS IN ORDER THAT CONFLICTS IN SPACE LOCATIONS DO NOT OCCUR. CONTRACTOR SHALL COORDINATE AND MAKE ACCOMMODATIONS FOR CONFLICTS AT NO COST TO THE OWNER.
- THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS AND/OR OTHER SUBMITTALS ON EQUIPMENT, COMPONENTS, AND CONTROLS TO BE INSTALLED OR PROVIDED. NO WORK MAY BEGIN ON ANY SEGMENT OF THIS PROJECT UNTIL SUBMITTALS HAVE BEEN APPROVED FOR CONFORMITY WITH DESIGN INTENT. WHEN MANUFACTURER'S CUT SHEETS APPLY TO A PRODUCT SERIES RATHER THAN A SPECIFIC PRODUCT, THE DATA SPECIFICALLY APPLICABLE TO THE PROJECT SHALL BE HIGHLIGHTED OR CLEARLY INDICATED BY OTHER MEANS. EACH SUBMITTED PIECE OF LITERATURE AND DRAWING SHALL CLEARLY REFERENCE THE SPECIFICATION AND/OR DRAWING THAT THE SUBMITTAL IS TO COVER. GENERAL CATALOGS SHALL NOT BE ACCEPTED AS CUT SHEETS TO FULFILL SUBMITTAL REQUIREMENTS. SELECT AND SHOW SUBMITTAL QUANTITIES APPROPRIATE TO SCOPE OF WORK. SUBMITTAL APPROVAL DOES NOT RELIEVE CONTRACTOR OF RESPONSIBILITY TO SUPPLY SUFFICIENT QUANTITIES TO COMPLETE WORK.
- IT IS THE INTENT OF THE CONTRACT DRAWINGS AND SPECIFICATIONS TO CALL FOR FINISHED WORK, TESTED AND READY FOR OPERATION. ALL MATERIALS SHALL BE OF FIRST QUALITY AND SIMILAR TO EXISTING WHERE INTERFACING.
- PROVIDE ALL MATERIALS AND EQUIPMENT AND PERFORM ALL LABOR REQUIRED TO INSTALL COMPLETE AND OPERABLE PLUMBING SYSTEMS AS INDICATED ON THE DRAWINGS, AS SPECIFIED AND AS REQUIRED BY CODE. ALL MATERIAL, WORK, INCIDENTAL ACCESSORIES, OR OTHER DETAILS NOT SHOWN BUT NECESSARY TO MAKE THE WORK COMPLETE AND PERFECT, AND IN ALL RESPECTS READY FOR OPERATION, EVEN IF NOT SPECIFIED, ARE TO BE PROVIDED AT NO COST TO THE OWNER.
- ALL WORK SHALL BE PERFORMED BY QUALIFIED TRADES—PEOPLE IN ACCORDANCE WITH REQUIREMENTS OF GOVERNING CODES AND ACCEPTED PRACTICES.
- INSTALL ALL PLUMBING EQUIPMENT AND APPURTENANCES IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS, CONTRACT DOCUMENTS, AND APPLICABLE CODES AND REGULATIONS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY CLEANUP AND THE PROPER LEGAL DISPOSAL OF ALL DEMOLISHED EQUIPMENT AND DEBRIS CREATED BY THEIR WORK.
- UPON COMPLETION OF THE WORK UNDER THIS CONTRACT, THE CONTRACTOR SHALL REMOVE ALL TOOLS, APPLIANCES, SURPLUS MATERIALS, AND SCRAP LEAVING HIS WORK IN A PERFECT CONDITION AND THE AREA CLEAN AND READY FOR OCCUPATION.
- COORDINATE CONSTRUCTION OF ALL PLUMBING WORK WITH ARCHITECTURAL, STRUCTURAL, CIVIL, ELECTRICAL WORK, ETC., SHOWN ON OTHER CONTRACT DOCUMENT DRAWINGS.
- WHERE TWO OR MORE ITEMS OF THE SAME TYPE OF EQUIPMENT ARE REQUIRED, THE PRODUCT OF ONE MANUFACTURER SHALL BE USED.
- COORDINATE ALL EQUIPMENT CONNECTIONS WITH MANUFACTURERS' CERTIFIED DRAWINGS.
- COORDINATE AND PROVIDE ALL PIPING TRANSITIONS REQUIRED FOR FINAL EQUIPMENT CONNECTIONS TO FURNISHED EQUIPMENT. FIELD VERIFY AND COORDINATE ALL PIPING DIMENSIONS BEFORE FABRICATION.
- THE LOCATIONS OF ALL ITEMS SHOWN ON THE DRAWINGS OR CALLED FOR IN THE SPECIFICATIONS THAT ARE NOT DEFINITELY FIXED BY DIMENSIONS ARE APPROXIMATE ONLY. THE EXACT LOCATIONS NECESSARY TO SECURE THE BEST CONDITIONS AND RESULTS MUST BE DETERMINED BY THE PROJECT SITE CONDITIONS AND SHALL HAVE THE APPROVAL OF THE ENGINEER BEFORE BEING INSTALLED. DO NOT SCALE DRAWINGS.
- ALL DUCTWORK, PIPING AND EQUIPMENT SUPPORTED FROM STRUCTURAL STEEL SHALL BE COORDINATED WITH GENERAL CONTRACTOR. ALL ATTACHMENTS TO STEEL BAR JOISTS, TRUSSES, OR JOIST ORDERS SHALL BE AT PANEL POINTS. PROVIDE BEAM CLAMPS MEETING MSS STANDARDS. WELDING TO STRUCTURAL MEMBERS SHALL NOT BE PERMITTED. DO NOT SUPPORT PIPING FROM ANOTHER PIPE, DUCTWORK OR CONDUIT. DO NOT SUPPORT ANY ITEM FROM METAL ROOF DECK. ALL SUPPORTS SHALL PROVIDE A VIBRATION FREE INSTALLATION.
- CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE LOCATION AND SIZES OF ALL REQUIRED PENETRATIONS IN WALLS, CEILINGS, FLOORS, AND ROOF WITH GENERAL CONTRACTOR AND ALL OTHER TRADES INVOLVED. ALL PENETRATIONS SHALL BE FIRE STOPPED AS REQUIRED BY CODE.
- WHEN WORK IS SUBCONTRACTED, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE SUBCONTRACTORS AND THE ASSOCIATED CONTRACTS. WHEN DISCREPANCIES ARISE PERTAINING TO WHICH CONTRACTOR PROVIDES A PARTICULAR ITEM OF THE CONTRACT OR CONTRACTOR PROVIDES FINAL CONNECTIONS FOR A PARTICULAR ITEM OF THE CONTRACT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTOR, WHOSE DECISION SHALL BE FINAL.
- UNLESS OTHERWISE NOTED, ALL PIPING IS OVERHEAD, TIGHT TO UNDERSIDE OF STRUCTURE OR SLAB, WITH SPACE FOR INSULATION IF REQUIRED.
- INSTALL PIPING SO THAT ALL VALVES, STRAINERS, UNIONS, TRAPS, FLANGES, AND OTHER APPURTENANCES REQUIRING ACCESS ARE ACCESSIBLE.
- ALL VALVES SHALL BE INSTALLED SO THAT VALVES REMAIN IN SERVICE WHEN EQUIPMENT OR PIPING ON EQUIPMENT SIDE OF VALVE IS REMOVED.
- ALL BALANCE VALVES AND BUTTERFLY VALVES SHALL BE PROVIDED WITH POSITION INDICATORS AND MAXIMUM ADJUSTABLE STOPS (MEMORY STOPS).
- ALL VALVES (EXCEPT CONTROL VALVES) AND STRAINERS SHALL BE FULL SIZE OF PIPE BEFORE REDUCING SIZE TO MAKE CONNECTIONS TO EQUIPMENT AND CONTROLS.
- INSTALL ALL PIPE WITHOUT FORCING OR SPRINGING.
- ALL PIPING SHALL CLEAR DOORS AND WINDOWS.
- ALL VALVES SHALL BE ADJUSTED FOR SMOOTH AND EASY OPERATION.
- PROVIDE CLEANOUTS IN SANITARY AND STORM DRAINAGE SYSTEMS AT END OF RUNS, AT CHANGES IN DIRECTION GREATER THAN 45 DEGREES, NEAR THE BASE OF STACKS, EVERY 50 FEET IN HORIZONTAL RUNS AND ELSEWHERE AS INDICATED.
- ALL CLEANOUTS SHALL BE FULL SIZE OF PIPE FOR PIPE SIZES 6 INCHES AND SMALLER AND SHALL BE 6 INCHES FOR PIPE SIZES LARGER THAN 6 INCHES.
- ALL WORK IS TO BE FREE OF DEFECTS IN WORKMANSHIP AND MATERIALS FOR A PERIOD OF NO LESS THAN ONE YEAR, UNLESS OTHERWISE INDICATED, FROM THE DATE OF FINAL ACCEPTANCE. ALL DEFECTS WHICH DEVELOP OR ARE DISCOVERED WITHIN THIS PERIOD WILL BE REPAIRED BY THE CONTRACTOR, TO THE SATISFACTION OF THE OWNER, AND AT NO ADDITIONAL COST TO THE OWNER.
- ALTHOUGH ATTEMPTS HAVE BEEN MADE TO IDENTIFY EXISTING EQUIPMENT LOCATIONS, PIPE ROUTING AND SIZES WITH THE USE OF EXISTING DRAWINGS AND FIELD OBSERVATIONS, PC SHALL FIELD VERIFY ALL EXISTING INFORMATION. REPORT ANY DISCREPANCIES TO THE ARCHITECT OR ENGINEER. NOTE ALL DISCREPANCIES ON THE AS-BUILT DRAWINGS.
- COORDINATE ALL WORK WITH THE PHASING OF THE PROJECT. SOME SERVICES MUST REMAIN ACTIVE TO SERVE OCCUPIED SPACES DURING CONSTRUCTION. SCHEDULE ALL SERVICE SHUTDOWNS WITH OWNER AND/OR CONSTRUCTION MANAGER.
- UNLESS NOTED OTHERWISE ALL SERVICES INDICATED AS BEING REMOVED SHALL BE REMOVED BACK TO THE MAIN AND CAPPED. IDENTIFY ALL CAPPED SERVICES. DEAD-END PIPING IS NOT PERMITTED. REMOVE ALL PREVIOUSLY ABANDONED PIPING, SUPPORT, ETC ENCOUNTERED ABOVE CEILINGS.
- THE OWNER SHALL HAVE THE OPTION OF RETAINING ANY OR ALL REMOVED FIXTURES OR EQUIPMENT FOR SALVAGE. ALL REMOVED EQUIPMENT AND FIXTURES THAT ARE NOT RETAINED BY THE OWNER, SHALL BE DISPOSED OF BY THE PC.
- REFER TO ARCHITECTURAL INTERIOR ELEVATIONS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF PLUMBING FIXTURES.
- HOLD ALL SUSPENDED SANITARY AND STORM SEWER PIPING HIGH AS POSSIBLE, TO DECK BETWEEN BEAMS, AND TIGHT TO STEEL STRUCTURE. PROVIDE ANY AND ALL OFFSETS AND EFFORT REQUIRED TO FACILITATE DUCT ROUTING. COORDINATE CLOSELY WITH THE M.C.
- ALL SANITARY STACKS, VENT STACKS, AND STORM INTERIOR DOWNSPOUTS SHALL BE INSTALLED TIGHT TO STRUCTURE AT LOCATIONS DROPPING ALONG SIDE COLUMNS, CORNERS, ETC.
- PLUMBING SYSTEM PIPING SHALL NOT BE INSTALLED IN ELEVATOR SHAFTS, ELEVATOR MACHINE ROOMS, ELECTRICAL ROOMS AND INFORMATION TECHNOLOGY (LOW VOLTAGE) ROOMS.
- BULLHEAD CONNECTIONS IN PIPING ARE PROHIBITED.
- SANITARY AND VENT PIPING INDICATED IS ABOVE CEILING, UNLESS OTHERWISE NOTED. REFER TO THE PLUMBING FIXTURE CONNECTION SCHEDULE FOR FIXTURE WASTE AND VENT PIPE SIZING.
- ALL VALVES MUST BE ACCESSIBLE. IF LOCATED ABOVE DRYWALL CEILING OR BEHIND FINISHED WALLS, PROVIDE ACCESS DOOR. COORDINATE ALL ACCESS DOOR LOCATIONS WITH ARCHITECT AND/OR GC.
- INSTALL BRANCH WATER PIPING HORIZONTALLY WITHIN WALL FOR FIXTURE GROUPINGS. REFER TO FIXTURE CONNECTION SCHEDULE FOR SIZING REQUIREMENTS.
- UNLESS NOTED OTHERWISE ALL VERTICAL PIPING DROPS TO FIXTURES, HOSE BIBS, FAUCETS, MUST BE CONCEALED IN THE WALL.
- INSULATE ALL SUSPENDED SANITARY SEWER PIPING AND TRAPS SERVING WALL BOX DRAINS, FLOOR, OR HUB DRAINS RECEIVING ICE MACHINE INDIRECT WASTE. EXTEND INSULATION FROM TRAP ON HORIZONTAL PIPE TO THE VERTICAL DROP.
- ATTENTION IS CALLED TO ROUGH-IN REQUIREMENTS FOR FIXTURES INSTALLED IN CASEWORK FURNISHED BY ANOTHER DIVISION. THE PC SHALL PROVIDE ROUGH-INS OUT OF WALL WITH ENOUGH LENGTH TO ALLOW FOR SUPPLY STOPS AND WASTES TO HAVE ESCUTCHEONS AT THE REAR BACKING OF THE CASEWORK AND NOT AT THE WALL ACCESSIBLE THROUGH FIELD CUT HOLES IN THE CASEWORK BACKING.



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design by:	drawn by:
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MP	
approved by:	

Taunton State  
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EHS1801-TR1

60 hodge avenue  
taunton, ma 02780

keyplan:



rev.	date:	issued for:	initials:

general notes  
& legends

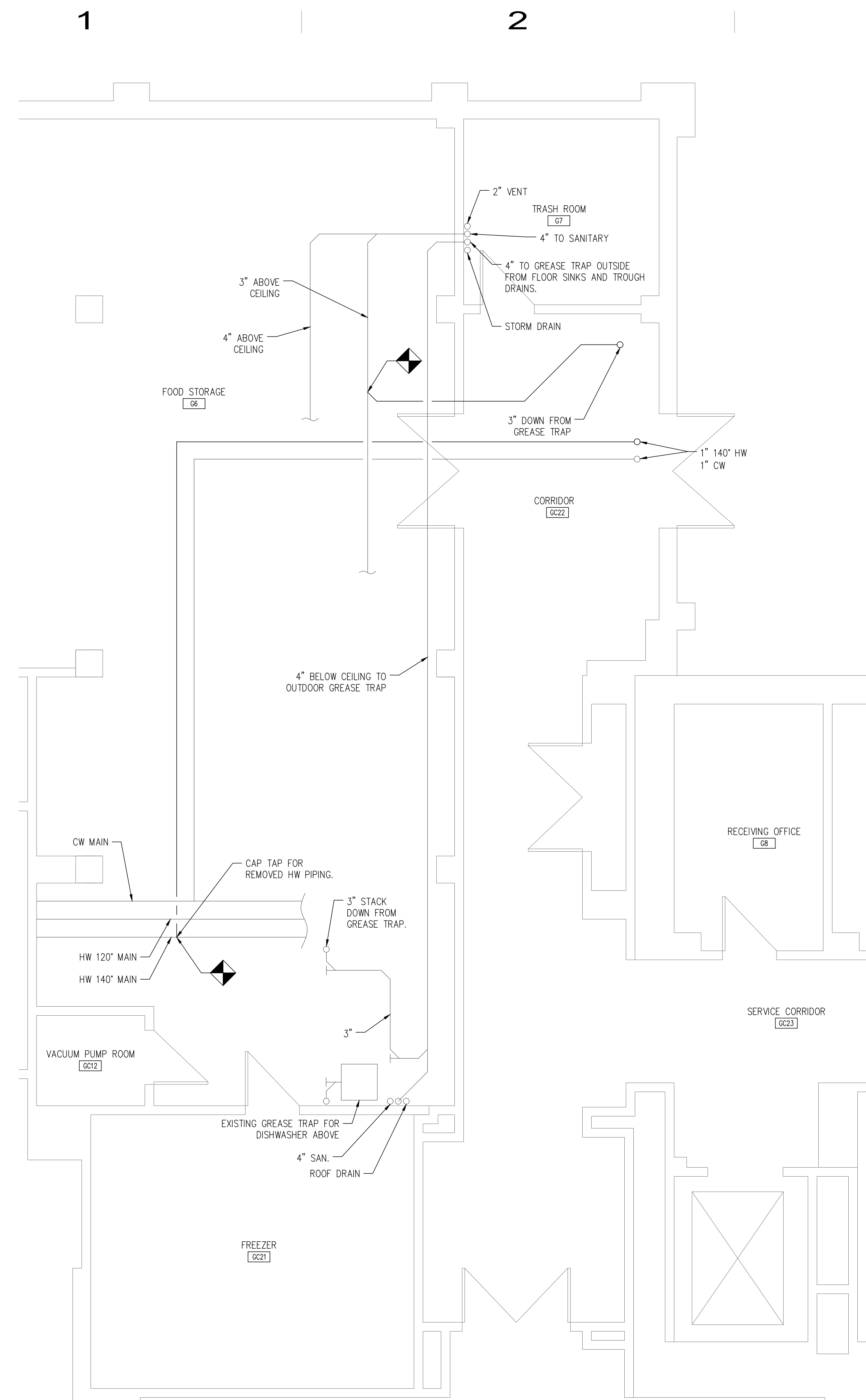
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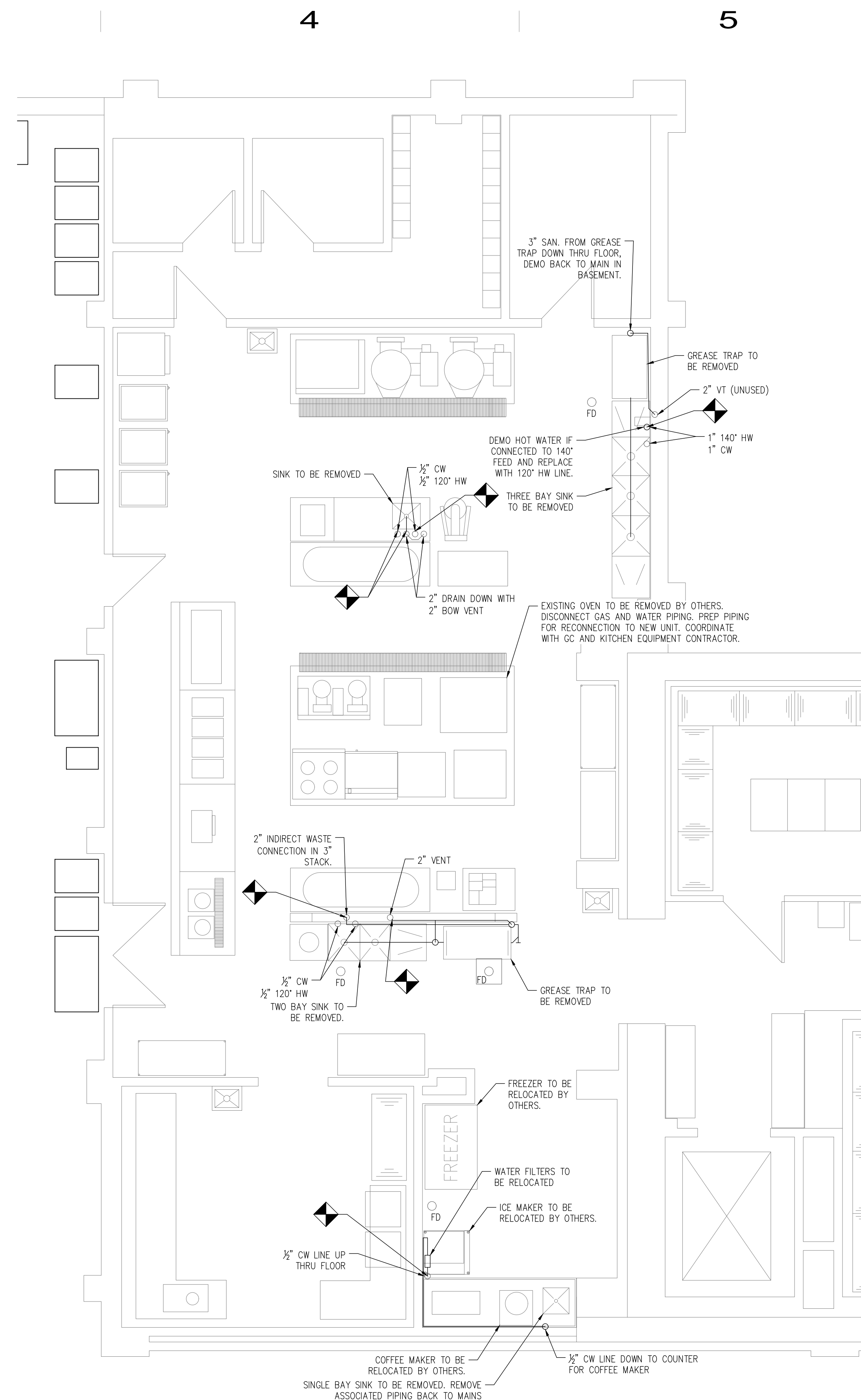
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D



(D1) basement plumbing demolition plan  
1/4"=1'-0"



D2 first floor plumbing demolition plan  
1/4"=1'-0"

general notes

1. CONFIRM 140°F HOT WATER SUPPLY LINES ARE NOT CONNECTED TO ANY FIXTURES OR DEVICES WHERE THE MAXIMUM SUPPLIED TEMPERATURE ALLOWED IS 120°F (HAND SINKS, ETC.)



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60 hodes avenue  
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plumbing demolition  
plans

date:  
12.06.17

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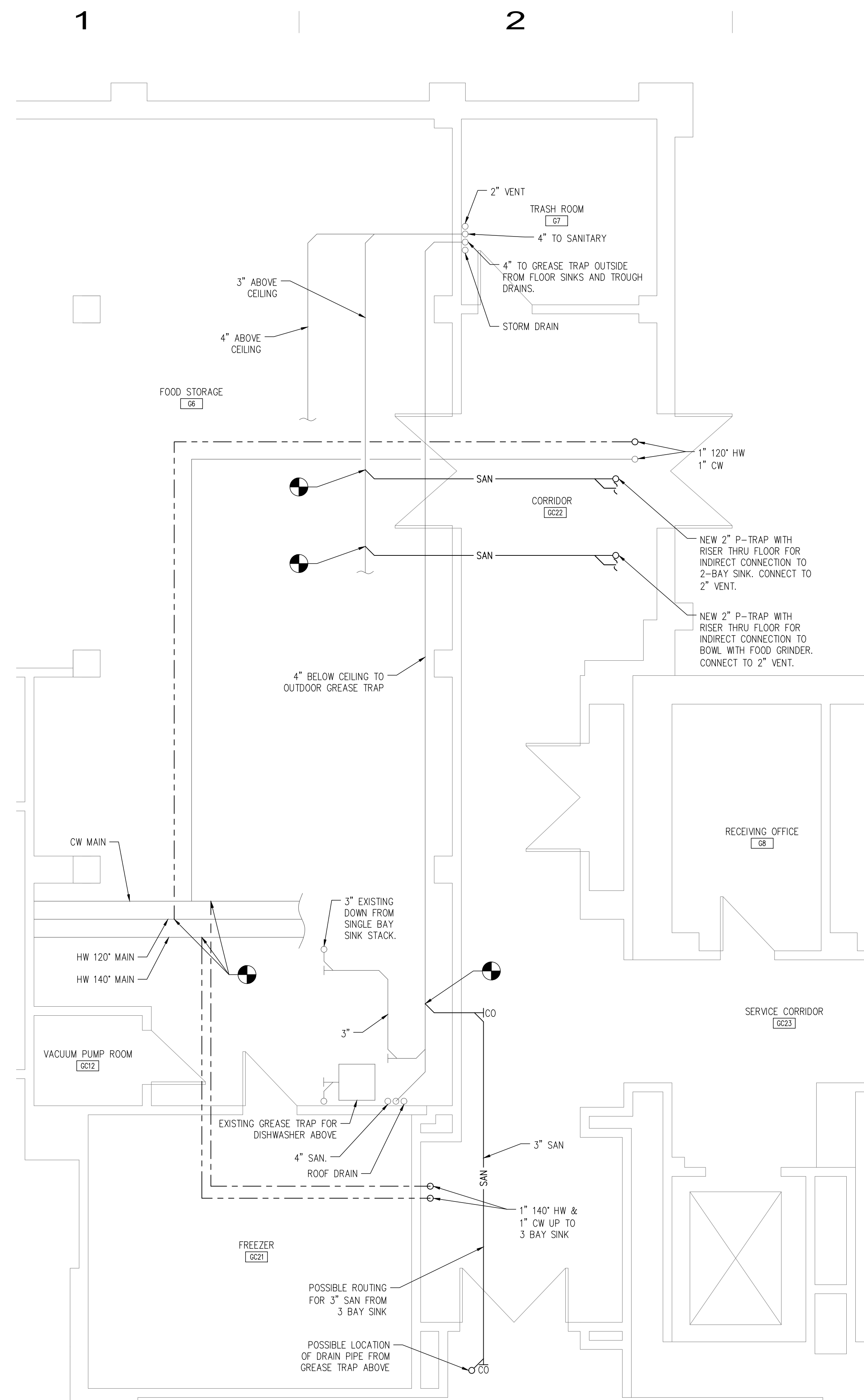
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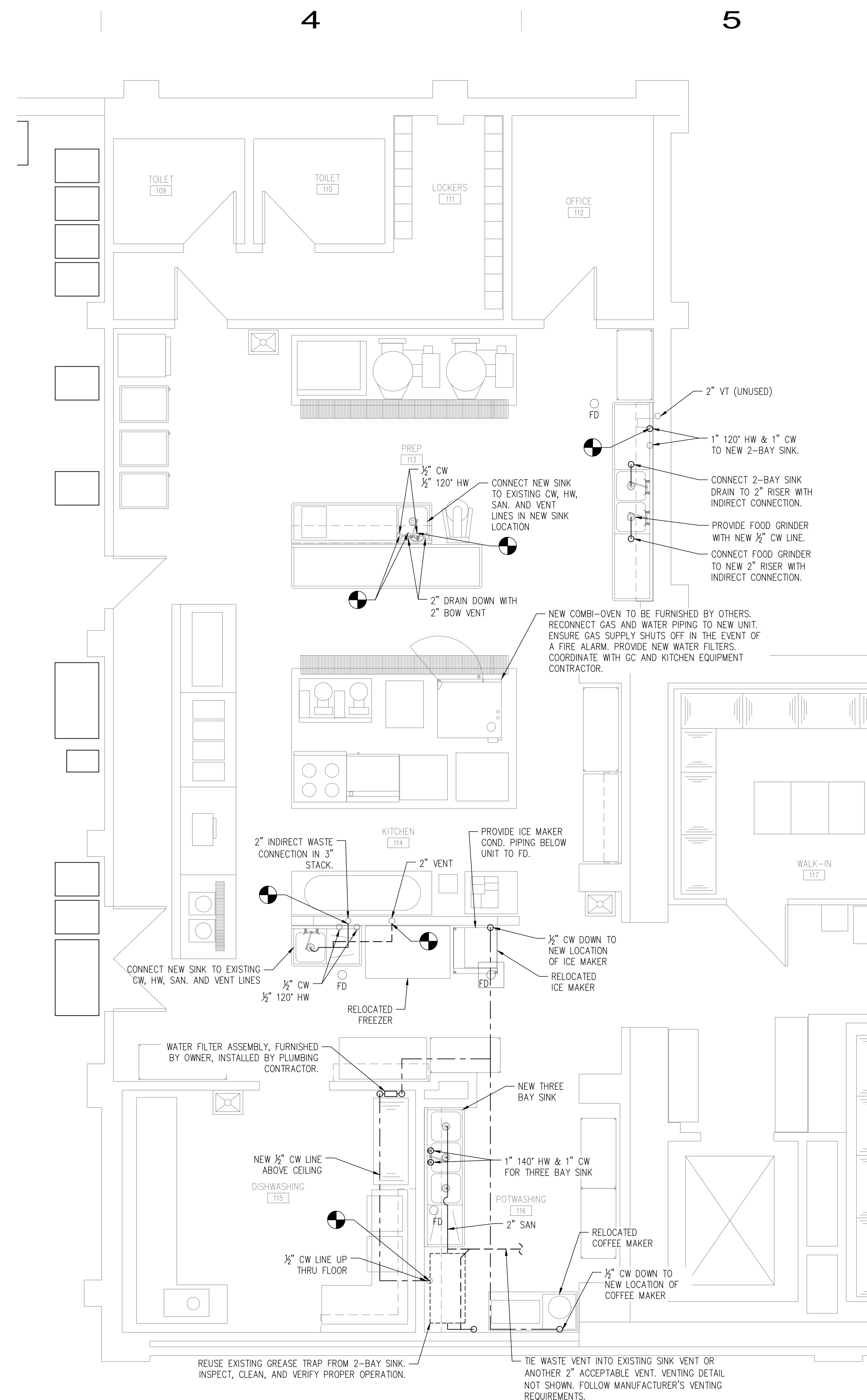
PD-101



D



1 basement plumbing new work plan  
1/4"=1'-0"



2 first floor plumbing new work plan  
1/4"=1'-0"

general notes

1. CONFIRM 140°F HOT WATER SUPPLY LINES ARE NOT CONNECTED TO ANY FIXTURES OR DEVICES WHERE THE MAXIMUM SUPPLIED TEMPERATURE ALLOWED IS 120°F
2. ALL NEW FLOOR PENETRATIONS TO BE CORE DRILLED 1" LARGER THAN THE PIPING BEING ROUTED THRU. COORDINATE LOCATIONS WITH GC AND ARCHITECTURAL.
3. ALL NEW PENETRATIONS SHALL BE FIRE STOPPED BY THE PLUMBING CONTRACTOR AND/OR SEALED BY THE FLOORING CONTRACTOR.
4. ALL FIXTURES TO BE SPECIFIED BY OTHERS.

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consultants:



design by: PHC	drawn by: PHC
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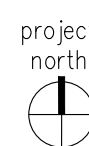
checked by:  
MP

approved by

Taunton State  
Hospital  
Food Service  
Improvements  
EHS1801-TR1

60 hodge avenue  
taunton, ma 02780

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keyplan:

rev.:	date:	issued for:	initials:
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plumbing proposed  
work plans

date:  
12.06.17

project number:  
dcm-4163

scale:  
as noted

drawing number:

P-101



A

	MANUAL PULL STATION
	PRESSURE SWITCH
	DUCT SMOKE DETECTOR, MOUNTED AND WIRED BY EC.
	FLOW SWITCH
	MONITOR MODULE
	SPRINKLER TAMPER SWITCH
	FIRE ALARM NOTIFICATION STROBE WALL MOUNTED AT 80'-90" AFF
	FIRE ALARM NOTIFICATION SPEAKER/STROBE WALL MOUNTED AT 80'-90" AFF
	TEST STATION, MH = 78" AFF, UON
	RELAY MODULE
	END OF LINE RESISTOR
	FIRE ALARM PANEL
	FIRE ALARM ENUNCIATOR PANEL
	FIRE ALARM NOTIFICATION STROBE - CEILING MOUNTED
	FIRE ALARM NOTIFICATION HORN/STROBE - CEILING MOUNTED
	MAGNETIC DOOR HOLD-OPEN INTERFACED WITH FIRE ALARM PANEL

### SWITCHING & WIRING LEGEND

\$	TOGGLE SWITCH, SINGLE POLE, SUBSCRIPT INDICATES TYPE
3	= THREE WAY
4	= FOUR WAY
P	= PILOT LIGHT
D	= DIMMER
WP	= WEATHER PROOF
O	= OCCUPANCY SENSOR
T	= SPRING WOUND TIMER 6 HOUR
a,b,c	= SWITCHING DESIGNATION, NUMBER OF LETTERS EQUALS NUMBER OF GANGED SWITCHES

--PANEL HOMERUN TO DESIGNATED PANELBOARD, (#=NUMBERS INDICATE CIRCUIT NUMBERS) (2#12&#120-3/4"C., OR AS INDICATED IN PANEL SCHEDULES)

<sub>k</sub> DUPLEX RECEPTACLE, SUBSCRIPT INDICATES TYPE:

<sub>k</sub> QUAD RECEPTACLE, SUBSCRIPT INDICATES TYPE:  
WP = WEATHERPROOF "IN USE" COVER  
GFI = GROUND FAULT INTERRUPTING  
SS = SURGE SUPPRESSION  
S = SAFETY TYPE, TAMPER PROOF  
AC = INSTALLED ABOVE COUNTER  
BC = INSTALLED BELOW COUNTER  
BCLG = INSTALLED 6" BELOW CEILING

	PLUGMOLD
	CLOCK RECEPTACLE - 84" AFF, FIELD VERIFY LOCATION WITH STAFF
	MAGNETIC STARTER (WITH HOA, UON)
	COMBINATION MAGNETIC STARTER, (WITH HOA, UON)
	DISCONNECT SWITCH
	FUSED DISCONNECT SWITCH
	FLUSH WALL MOUNTED JUNCTION BOX
	FLOOR DUCT MOUNTED JUNCTION BOX

X POWER AND LIGHTING PANEL

	PUSH BUTTON
	AUDIO SPEAKER
	ELECTRIC UTILITY METER
	FLOOR MOUNTED DUPLEX RECEPTACLE
	FLOOR MOUNTED DATA OUTLET
	CORD REEL, CEILING MOUNTED WITH 120V RECEPTACLE
	OCCUPANCY SENSOR - CEILING MOUNTED
	DAYLIGHT SENSOR - CEILING MOUNTED
	LIGHTING CONTROL STATION
	PHOTO CONTROL
	MOTOR LOCATION
	CAMERA CEILING MOUNTED
	POWER POLE FROM CEILING
	POWER PACK
	CARD READER

# DATA OUTLET LOCATION, MH = 18" AFF, UON. DOUBLE GANG OUTLET BOX WITH 1-1"ENT TO SPACE ABOVE CEILING IN CORRIDOR. PROVIDE PLASTER RING. # INDICATES TOTAL NUMBER OF JACKS AND CABLES REQUIRED. IF NO NUMBER IS INDICATED # = 2.

# DATA/TELEPHONE OUTLET IN UNDER FLOOR DUCT SYSTEM--# INDICATES HOME RUNS

WAP WIRELESS ACCESS POINT ABOVE CEILING. ELECTRICAL CONTRACTOR TO PROVIDE 120V, DUPLEX RECEPTACLE AND CAT 6 CABLE HOME RUN TO IDF.

AV OUTLET LOCATION, PROVIDE 1 COAX CONNECTION AND 1 DATA JACK, UON.

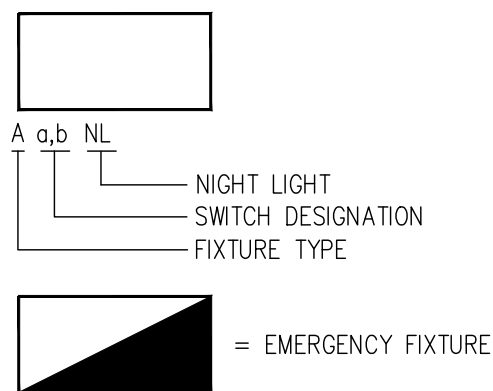
### ONE LINE LEGEND

	NEW WIRE OR DEVICE
	CIRCUIT BREAKER
	LOW VOLTAGE WIRING
	FUSED DISCONNECT SWITCH
XXXAF XXXAT	= SIZE

PANEL VOLTAGE PHASE WIRE  
PANELBOARD, REFER TO ONE-LINE DIAGRAM FOR SPECIFICS

	FUSE
	SWITCH
	COMBINATION MAGNETIC STARTER
	MAGNETIC STARTER

### TYPICAL FIXTURE



	= EXIT SIGN - SINGLE FACE, TOP MOUNTED, WITH DIRECTIONAL ARROW (X) AS INDICATED ON PLAN.
	= EXIT SIGN - SINGLE FACE, WALL MOUNTED, WITH DIRECTIONAL ARROW (X) AS INDICATED ON PLAN.
	= HC = HANDICAP EXIT SIGN.
	= RECESSED FIXTURE

B

C

D

### DEMOLITION NOTES

- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE INTEGRITY AND CONDITION OF THE EXISTING BRANCH CIRCUIT WIRING WHICH IS TO BE REUSED FOR NEW EQUIPMENT CIRCUITING ACCORDING TO THE NATIONAL ELECTRIC CODE. ALL DAMAGED WIRING OR WIRING FOUND TO BE NONFUNCTIONAL SHALL BE REPLACED.
- EXISTING BRANCH CIRCUITS SHALL BE EXTENDED AND CONNECTED TO ALL EXISTING RELOCATED EQUIPMENT, AS REQUIRED FOR A COMPLETE WORKING SYSTEM.
- RECONNECT ALL EXISTING CIRCUITING WHICH ORIGINATES OR PASSES THROUGH THE RENOVATED AREAS BUT SERVES OTHER AREAS NOT BEING RENOVATED. EXTEND THESE CIRCUITS AS MAY BE NECESSARY TO THE EXISTING PANELBOARDS. UTILIZE SPARE CIRCUIT BREAKERS.
- DEMOLITION WORK SHALL BE DONE BY THE ELECTRICAL CONTRACTOR. THE ELECTRICAL CONTRACTOR SHALL COORDINATE ALL WORK CONCERNING EXISTING EQUIPMENT AND SERVICES REMAINING IN THE BUILDING.
- IF APPLICABLE, ANY CHANGES TO THE ELECTRICAL SYSTEM WHICH NECESSITATE AN ARC-FLASH RE-CALCULATION/RE-CERTIFICATION SHALL BE THE RESPONSIBILITY OF THE OWNER.
- THE ELECTRICAL DEMOLITION PLANS INDICATE GENERAL INTENT AND ARE NOT INTENDED TO SHOW ALL COMPONENTS AND ITEMS TO BE REMOVED OR RETAINED. THE ELECTRICAL CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMISSION OF THEIR BID TO BECOME FAMILIAR WITH THE ACTUAL WORKING CONDITIONS AND EXTENT OF WORK. DEVICES AND EQUIPMENT LOCATED ON WALLS AND/OR CEILINGS DESIGNATED TO BE REMOVED SHALL BE DISCONNECTED AND MADE SAFE. THE ELECTRICAL CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNERS REPRESENTATIVE AND ARCHITECT OF ANY UNANTICIPATED OR HIDDEN CONDITIONS ENCOUNTERED DURING DEMOLITION.
- THE ELECTRICAL CONTRACTOR SHALL CIRCUIT TRACE AND LABEL ALL EXISTING BRANCH CIRCUITS AND FEEDERS WITHIN OR ASSOCIATED WITH THE DEMOLITION SCOPE. PRIOR TO DE-ENERGIZING AND DISCONNECTION, ALL CIRCUITS WITHIN PANELBOARDS, LOAD CENTERS, MOTOR CONTROL CENTERS AND SWITCHBOARDS IDENTIFIED FOR REMOVAL SHALL BE TRACED AND FIELD LABELED TO ENSURE THAT NO AREA OUTSIDE THE DEMOLITION SCOPE IS AFFECTED.
- THE ELECTRICAL CONTRACTOR SHALL IDENTIFY ALL BRANCH CIRCUITS, FEEDERS AND SYSTEM COMPONENTS WHICH ARE TO REMAIN WITHIN THE AREA OF DEMOLITION SCOPE. THERE SHALL BE NO INTERRUPTION OF SERVICE TO ANY AREA OUTSIDE THE SCOPE LIMITS WITHOUT WRITTEN APPROVAL FROM THE OWNERS REPRESENTATIVE. EXISTING EQUIPMENT TO REMAIN SHALL BE LEFT IN A CODE COMPLIANT CONDITION.
- THE ELECTRICAL CONTRACTOR SHALL DE-ENERGIZE AND REMOVE ALL CONDUCTORS AND RACEWAYS WITHIN THE AREA OF DEMOLITION SCOPE TO THEIR POINT OF ORIGIN. ITEMS IDENTIFIED FOR DEMOLITION SHALL NOT BE ABANDONED IN PLACE. RACEWAYS THAT ENTER MASONRY WALLS AND FLOORS SHALL BE CUT FLUSH AT THE SURFACE FOR PATCHING BY OTHERS. ALL CIRCUIT BREAKERS ASSOCIATED WITH THE DEMOLITION SHALL BE DE-ENERGIZED, TRIPPED TO THE "OFF" POSITION AND RE-LABELED AS SPARE UNLESS OTHERWISE NOTED. NEW TYPED UPDATED CIRCUIT DIRECTORIES SHALL ALSO BE PROVIDED.
- THE ELECTRICAL CONTRACTOR SHALL TEMPORARILY SUPPORT ALL ITEMS TO REMAIN THAT ARE AFFECTED BY THE DEMOLITION OF BUILDING STRUCTURAL COMPONENTS (WALLS, CEILINGS, PARTITIONS, ECT.). CONTRACTOR SHALL TEMPORARILY SUPPORT ITEMS AND SHALL PROVIDE PERMANENT SUPPORTS WHEN FINALIZED STRUCTURES ARE IN PLACE.

	LIGHT LINE DENOTES EXISTING EQUIPMENT.
	DARK DASHED LINE DENOTES DEMOLITION EQUIPMENT.

- X EXISTING EQUIPMENT TO BE REMOVED. CIRCUIT SHALL BE PULLED BACK FROM NEXT ACTIVE OUTLET/BACK TO PANEL. REMOVE JUNCTION BOXES, AND PATCH WALL. BLANK PLATES NOT PERMITTED.
- XM EXISTING EQUIPMENT TO REMAIN.
- XN EXISTING EQUIPMENT TO BE REMOVED AND NEW EQUIPMENT AS SPECIFIED INSTALLED ON EXISTING CIRCUIT IN ORIGINAL LOCATION.
- XE EXISTING DEVICE TO BE REMOVED, OUTLET BLANKED AND CIRCUIT EXTENDED TO NEW EQUIPMENT AS SHOWN.
- XR EXISTING EQUIPMENT TO BE REMOVED AND RELOCATED. REMOVE JUNCTION BOXES, AND PATCH WALL. BLANK PLATES NOT PERMITTED.
- XL NEW LOCATION OF RELOCATED EXISTING EQUIPMENT.

### KEYED NOTES

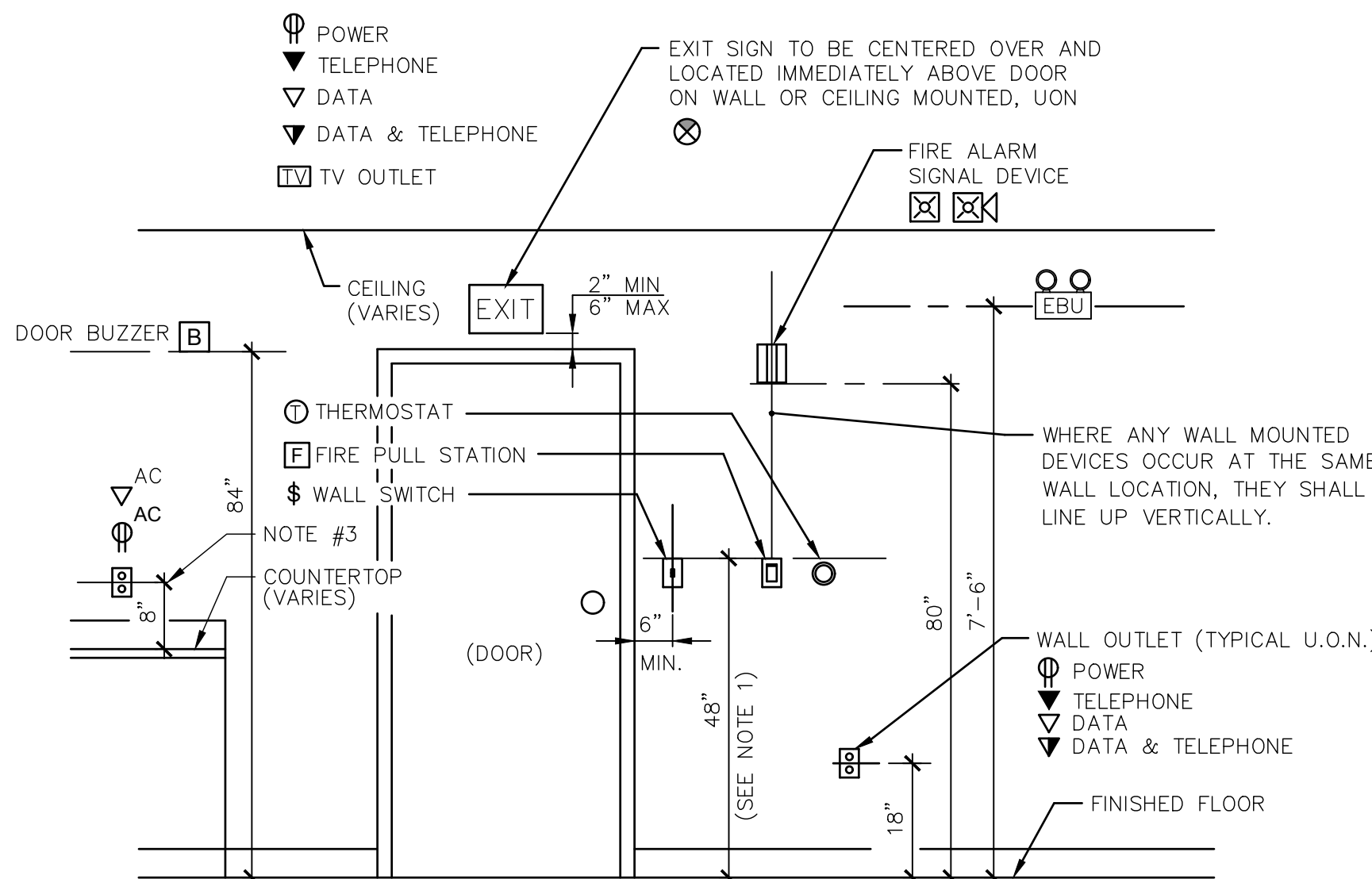
- SHEET SPECIFIC DEMOLITION KEYED NOTES
- SHEET SPECIFIC NEW WORK KEYED NOTES

### GENERAL NOTES

- THE FOLLOWING GENERAL NOTES APPLY TO ALL DRAWINGS AND TRADES ASSOCIATED WITH THOSE DRAWINGS.
- G-1 THE ENGINEER WAIVES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS, AND/OR THE DESIGN INTENT THEY CONVEY, OR FOR PROBLEMS WHICH ARISE FROM OTHERS FAILURE TO OBTAIN AND/OR FOLLOW THE GUIDANCE OF THE ENGINEER.
- G-2 ALL WORK SHALL CONFORM TO ALL FEDERAL CODES AND STANDARDS INCLUDING, BUT NOT LIMITED TO, NFPA 72-2010, IBC 09 WITH MASS AMMENDMENTS, UL, SMACNA, OSHA, AND NEC (NFPA 70-2017).
- G-3 CONTRACTOR AND ALL SUBCONTRACTORS SHALL PROTECT THE WORK SITE, SURROUNDING AREAS AND OCCUPANTS FROM DAMAGE AND INJURY.
- G-4 CONTRACTOR AND ALL SUBCONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH THE CONTRACT DOCUMENTS. ALL DRAWINGS OF ANY PARTICULAR TRADE SHALL BE USED IN CONJUNCTION WITH DRAWINGS OF ALL OTHER TRADES TO COORDINATE ALL CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND ARCHITECT BEFORE PROCEEDING WITH THE AFFECTED WORK. ANY PROPOSED CHANGES, VARIATIONS, OR SUBSTITUTIONS MUST BE REVIEWED AND ACCEPTED BY THE ENGINEER AND ARCHITECT PRIOR TO IMPLEMENTATION.
- G-5 ALL DRAWINGS ARE INTENDED TO SHOW THE GENERAL ARRANGEMENT, DESIGN INTENT AND EXTENT OF THE WORK. THEY SHALL BE CONSIDERED PARTLY DIAGRAMMATIC. THEY ARE NOT INTENDED TO BE SCALED FOR ROUGHING-IN MEASUREMENTS OR TO SERVE AS SHOP DRAWINGS.
- G-6 THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS (AS-BUILT OR OTHERWISE) BEFORE COMMENCING FABRICATION, AND/OR ORDERING MATERIALS.
- G-7 DETAILS SHOWN ON ANY DRAWING ARE TO BE CONSIDERED TYPICAL FOR ALL SIMILAR CONDITIONS, UNLESS OTHERWISE INDICATED.

### ELECTRICAL TRADE NOTES

- ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST APPLICABLE NATIONAL, STATE AND LOCAL CODES AND THE CURRENT NATIONAL ELECTRICAL CODE (NEC) BY ELECTRICIANS LICENSED BY THE STATE IN WHICH THE WORK IS PERFORMED. ALL WORK TO CONFORM TO DCCAMM STANDARDS.
- THE ELECTRICAL CONTRACTOR SHALL VERIFY THE EXACT LOCATION AND ELECTRICAL REQUIREMENTS OF ALL EQUIPMENT PRIOR TO INSTALLING ANY CONDUIT AND/OR CABLE. IF ELECTRICAL REQUIREMENTS DIFFER FROM THOSE INDICATED, OR IF ADDITIONAL EQUIPMENT IS REQUIRED BY CODE, INFORM THE ENGINEER.
- WIRING FOR ALL SINGLE PHASE CIRCUITS, 20A OR SMALLER, SHALL BE A MINIMUM OF 2#12 & 1#12 GND in 3" CONDUIT. SEE TABLES FOR REQUIRED INCREASED SIZES FOR LONGER RUNS. CIRCUITS FOR DOUBLE SWITCHED LIGHT FIXTURES SHALL INCLUDE ADDITIONAL SWITCHED CONDUCTOR(S) AS REQUIRED.
- MOUNTING HEIGHTS GIVEN FOR ALL WIRING DEVICES (WALL SWITCHES, RECEPTACLES, ETC.), FIRE ALARM DEVICES, TELEPHONE EQUIPMENT, SPEAKERS AND LIGHT FIXTURES ARE TO THE CENTERLINE OF THE JUNCTION BOX USED TO MOUNT THE DEVICE, UNLESS OTHERWISE NOTED.
- CIRCUIT WIRING INDICATED ON DRAWINGS IS SCHEMATIC IN NATURE AND SHALL BE ROUTED IN THE FIELD, UNLESS OTHERWISE NOTED.
- COORDINATE WITH GSA PROJECT MANAGER ON FIXTURES AND EQUIPMENT TO BE SALVAGED.
- PROVIDE AND ENSURE FIREPROOFING OF ALL CONDUIT, CABLING AND ANY OTHER ELECTRICAL DEVICES THROUGH FIRE RATED ASSEMBLIES.
- PROVIDE PULL STRINGS IN ALL CONDUIT SYSTEMS LEFT FOR USE BY OTHERS.
- PROVIDE EXPANSION FITTINGS IN CONDUIT RISERS FROM ALL EXTERIOR UNDERGROUND CONDUITS TO FIXED EQUIPMENT OR CONDUIT FITTINGS AND PROVIDE FLEXIBLE CONNECTIONS TO ANY EQUIPMENT SUBJECT TO SETTLEMENT OR FROST HEAVES.
- CONNECT EXIT AND EMERGENCY LIGHTING UNITS TO LOCAL LIGHTING CIRCUIT, AHEAD OF SWITCHING, OR TO LOCAL NIGHT LIGHT CIRCUIT.
- ALL CONDUIT AND CABLE WIRING SHALL BE CONCEALED IN WALLS OR ABOVE HUNG CEILING. NO EXPOSED WIRING OR CONDUITS TO BE INSTALLED UNLESS SPECIFICALLY NOTED (I.E.: AREAS WITHOUT HUNG CEILINGS).
- AREAS WHERE EXPOSED WIRING IS ACCEPTABLE INCLUDES IDF ROOM AND EXISTING ELECTRICAL ROOM. EXPOSED WIRING TO BE RUN IN CONDUIT(EMT) WITH COMPRESSION TYPE FITTINGS.
- FEEDERS FOR PANELS AND HVAC EQUIPMENT SHALL BE RUN IN EMT.
- BRANCH CIRCUITS FOR LIGHTING AND OUTLETS SHALL BE RUN IN CONDUIT CONCEALED IN CEILING AND WALLS. FLEXIBLE CONDUIT WHIPS MAY BE USED WITHIN SIX FEET OF LIGHTING OR RECEPTACLES.



### DRAWING NOTES:

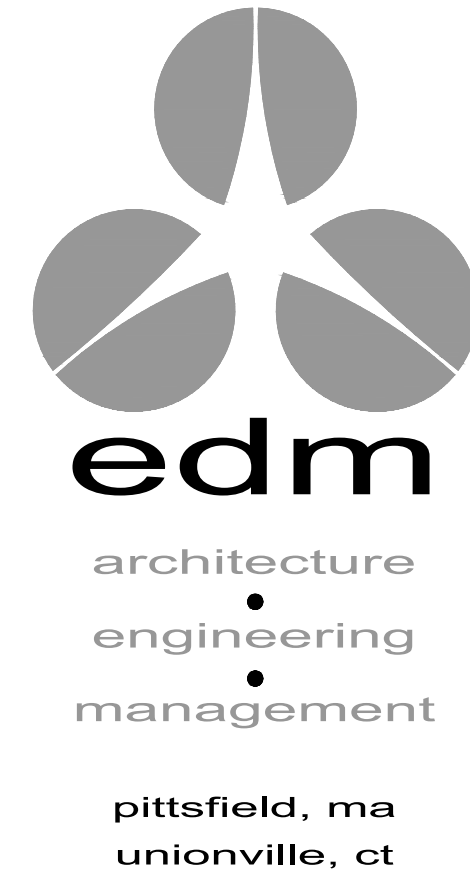
- HEIGHT GIVEN FOR THIS DEVICE IS THE MAXIMUM HEIGHT TO THE HIGHEST OPERABLE PART OF THE DEVICE.
- REFER TO DRAWINGS FOR SPECIFIC DEVICE HEIGHTS.
- VERIFY LOCATION ABOVE COUNTERS (AC) WITH ARCH. ELEVATIONS.

1 typical device locations  
not to scale

### ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR	KEC	KITCHEN EQUIPMENT CONTRACTOR
AHU	AIR HANDLING UNIT	MC	MECHANICAL CONTRACTOR
AC	ABOVE COUNTER HEIGHT (INDICATED ADJACENT TO DEVICE)	MH	MOUNTING HEIGHT
AV	AUDIO / VISUAL	NL	NIGHT LIGHT
BC	BELOW COUNTER	NTS	NOT TO SCALE
CLG	CEILING	PC	PLUMBING CONTRACTOR
DWG	DRAWING	RTU	ROOF TOP UNIT
EC	ELECTRICAL CONTRACTOR	TYP	TYPICAL
FAC	FIRE ALARM CONTRACTOR	U.G.	UNDERGROUND
FLR	FLOOR	UON	UNLESS OTHERWISE NOTED
GFI	GROUND FAULT INTERRUPTING	WP	WEATHER PROOF
HP	HORSEPOWER		

ISSUED FOR  
"BIDDING & PERMITTING"  
NOT TO BE USED FOR CONSTRUCTION



consultants:

design by:	drawn by:
JB	JB
checked by:	EM
approved by:	EM

Taunton State  
Hospital  
Food Service  
Improvements  
EHS1801-TR1

60 hodge avenue  
taunton, ma 02780

keyplan:

			project north 
rev:	date:	issued for:	initials:

electrical  
legend, notes,  
& abbreviations

date:	12.06.17
project number:	dcm-4163
scale:	as noted
drawing number:	

E-001



A

B

C

D

1

2

3

4

5

GENERAL

1. GENERAL CONDITIONS:

1.1. THE GENERAL CONDITIONS, SUPPLEMENTARY CONDITIONS AND SPECIAL CONDITIONS ARE A PART OF THIS CONTRACT AND APPLY TO THIS SECTION AS FULLY AS IF REPEATED HEREIN.

2. SCOPE:

2.1. THIS SECTION OF SPECIFICATIONS INCLUDES BUT IS NOT LIMITED TO:

2.2. ALL LABOR, TOOLS, APPLICATIONS, MATERIALS AND EQUIPMENT REQUIRED TO FURNISH AND INSTALL THE COMPLETE INSTALLATION SHOWN ON THE DRAWINGS FOR THIS SECTION OF THE WORK AND/OR IN THE FOLLOWING SPECIFICATIONS, INCLUDING THAT WHICH IS REASONABLY INFERRED.

3. CODES AND REGULATIONS:

3.1. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF PUBLIC AUTHORITIES HAVING JURISDICTION AND UTILITIES FURNISHING SERVICES.

3.2. CODES GOVERNING THIS WORK INCLUDE BUT ARE NOT LIMITED TO THE LATEST APPROVED EDITION OF THE FOLLOWING:  
9TH EDITION OF THE MASSACHUSETTS BUILDING CODE  
2015 INTERNATIONAL ENERGY CONSERVATION CODE  
2015 INTERNATIONAL FIRE CODE WITH AMENDMENTS  
2010 NFPA 72 NATIONAL FIRE ALARM CODE WITH MASSACHUSETTS AMENDMENTS  
2017 NFPA 70 NATIONAL ELECTRIC CODE WITH MASSACHUSETTS AMENDMENTS  
LOCAL ORDINANCES AND REGULATIONS

4. STANDARDS:

4.1. ELECTRICAL MATERIAL AND EQUIPMENT SHALL HAVE BEEN TESTED AND LISTED OR LABELED AS CONFORMING TO APPROVED PUBLISHED STANDARDS BY UNDERWRITERS LABORATORIES WHERE SUCH LISTING OR LABELING SERVICE IS AVAILABLE FOR THE CLASS OF MATERIALS OR EQUIPMENT. WHERE APPLICABLE, LISTING OR LABELING SHALL APPLY TO THE COMPLETE ASSEMBLED EQUIPMENT AND NOT TO THE COMPONENTS ALONE.

5. SUBMITTALS:

5.1. ELECTRONIC (PDF) OF MATERIALS LIST, SHOP DRAWINGS AND DATA SHEETS SHALL BE SUBMITTED TO ARCHITECT, CONSTRUCTION MANAGER, AND ENGINEER FOR REVIEW. SUBMITTALS SHALL BE MADE AND FAVORABLE REVIEW SECURED BEFORE MATERIAL AND EQUIPMENT IS INSTALLED.

5.2. MATERIALS LIST SHALL INCLUDE LIGHT FIXTURES, PANELS, DEVICES, WIREWAYS, DISCONNECTS, LAMPS AND ALL OTHER SPECIFIED OR UNSPECIFIED STANDARD CATALOGED MATERIALS TO BE USED. THE LIST SHALL INCLUDE MANUFACTURER, TYPE AND SUCH OTHER DESCRIPTIVE DATA AS MAY BE REQUIRED TO DETERMINE THE ACCEPTABILITY OF EACH ITEM.

5.3. SHOP DRAWINGS AND DATA SHEETS FOR EQUIPMENT AND SYSTEMS SHALL BE SUBMITTED WHERE REQUIRED IN THE SPECIFICATION FOR THOSE ITEMS. INCLUDE INFORMATION ON EACH COMPONENT, WIRING DIAGRAMS, LAYOUTS, DIMENSIONS AND SUFFICIENT OTHER DATA TO ESTABLISH COMPLIANCE WITH THE SPECIFICATIONS AND ACCEPTABILITY OF THE EQUIPMENT OR SYSTEM.

PRODUCTS

6. RECEPTACLE OUTLETS:

6.1. ACCEPTABLE MANUFACTURERS: COOPER WIRING, HUBBELL INCORPORATED, LEVITON MANUFACTURING.

6.2. RECEPTACLE OUTLETS SHALL COMPLY WITH NEMA WD 1, NEMA WD 6, CONFIGURATION 5-20R, UL 498, AND FEDERAL SPECIFICATIONS W-C-596, GROUNDING TYPE..

6.3. GENERAL CONVENIENCE OUTLETS SHALL BE 20 AMP, 125 VOLT, NEMA 5-20R, UNLESS OTHERWISE NOTED. PROVIDE COOPER CR5362 OR APPROVED EQUAL.

6.4. GROUND FAULT CIRCUIT INTERRUPTER (GFCI) RECEPTACLE SHALL BE STRAIGHT BLADE, NON-FEED-THROUGH TYPE, INCLUDE INDICATOR LIGHT THAT SHOWS WHEN THE GFCI HAS MALFUNCTIONED AND NO LONGER PROVIDES PROPER GFCI PROTECTION. PROVIDE COOPER VGF20 OR APPROVED EQUAL.

6.5. COLORS SHALL BE THE FOLLOWING:  
COLOR BY ARCHITECT

6.6. SPECIAL OUTLETS, NOT LISTED ABOVE, SHALL BE STANDARD NEMA CONFIGURATION FOR THE APPLICATION SHOWN AND SHALL BE OF EQUIVALENT GRADE AND QUALITY TO THOSE LISTED ABOVE. AN APPROVED CORD CAP OR PLUG SHALL BE FURNISHED WITH EACH RECEPTACLE OUTLET EXCEPT GENERAL CONVENIENCE TYPE. PLUG SHALL BE OF THE SAME GRADE, QUALITY AND MANUFACTURER AS THE OUTLET.

7. DEVICE & BOX COVER PLATES:

7.1. ACCEPTABLE MANUFACTURERS: COOPER WIRING, HUBBELL INCORPORATED, LEVITON MANUFACTURING.

7.2. PROVIDE A PLATE FOR EACH OUTLET, RECEPTACLE, SWITCH, DEVICE AND BOX.

7.3. COLORS SHALL BE SELECTED BY THE UNIVERSITY AND ARCHITECT.

7.4. ALL PLATE FOR EXTERIOR USE SHALL BE LISTED AND LABELED "SUITABLE FOR WET LOCATION WHILE IN USE".

7.5. GANGED DEVICES SHALL HAVE GANG PLATES EXACTLY MATCHING THE ARRANGEMENT AND QUANTITY OF DEVICES.

7.6. SPECIAL PLATES, ENGRAVING, OR APPLICATION SHALL BE AS INDICATED ON THE DRAWINGS OR OTHERWISE SPECIFIED.

8. OUTLET AND JUNCTION BOXES:

8.1. ACCEPTABLE MANUFACTURERS: COOPER CROUSE-HINDS, EGS / APPLETON, HUBBELL INCORPORATED.

8.2. THE SIZE OF EACH OUTLET OR JUNCTION BOX SHALL BE DETERMINED BY THE NUMBER AND SIZES OR WIRES AND CONDUITS ENTERING THE BOX, PER NEC, BUT SHALL BE NOT LESS THAN 4-INCH SQUARE AND 1-1/2 INCHES DEEP UNLESS OTHERWISE NOTED.

8.3. OUTLET AND JUNCTION BOXES FOR INTERIOR USE SHALL BE GALVANIZED, ONE-PIECE PRESSED OR WELDED STEEL, KNOCKOUT TYPE, EXCEPT WHERE OTHER TYPES OF BOXES ARE INDICATED OR SPECIFIED. IN MASONRY OR CONCRETE CONSTRUCTION WATERPROOF BOXES MANUFACTURED FOR THAT PURPOSE SHALL BE USED. PLASTIC, FIBER OR COMPOSITION BOXES WILL NOT PERMITTED.

8.4. OUTLET AND JUNCTION BOXES FOR SURFACE EXTERIOR USE SHALL BE CAST BOXES, CROUSE-HINDS FS TYPE, OR APPROVED EQUIVALENT.

9. CONDUITS AND FITTINGS

9.1. ACCEPTABLE MANUFACTURERS: AFC CABLE SYSTEMS, ALLIED TUBE AND CONDUIT, SOUTHWIRE COMPANY. STANDARD WEIGHT RIGID METAL CONDUIT SHALL BE HOT DIPPED GALVANIZED. ALL FITTINGS SHALL BE OF THE SCREW THREAD TYPE. COUPLINGS, LOCKNUTS, BUSHINGS, ETC., SHALL BE HOT DIPPED GALVANIZED.

9.3. ELECTRICAL METALLIC TUBING (EMT) SHALL BE GALVANIZED. COUPLINGS AND CONNECTORS SHALL BE GALVANIZED. FITTINGS SHALL BE COMPRESSION TYPE WITH GLAND SEALING RINGS OR SET SCREW TYPE.

9.4. FLEXIBLE CONDUIT SHALL BE GALVANIZED STEEL OR ALUMINUM. WHERE USED IN DAMP OR WET LOCATIONS FLEXIBLE CONDUIT SHALL BE OF THE LIQUID-TIGHT TYPE WITH OUTER NEOPRENE JACKET AND SUITABLE LIQUID-TIGHT FITTINGS.

9.5. ALL CONDUITS SHALL BE CONCEALED IN FINISHED WALLS, CEILINGS, AND FLOORS UNLESS AGREED UPON IN WRITING BY THE ARCHITECT AND ENGINEER OR OTHERWISE NOTED.

10. WIRE AND CABLE:

10.1. ACCEPTABLE MANUFACTURERS: SOUTHWIRE INCORPORATED, BELDEN INC, GENERAL CABLE CORPORATION.

10.2. WIRE AND CABLE FOR USE ON SYSTEMS OF 50 VOLTS TO 600 VOLTS SHALL BE 600 VOLT RATED TYPE THHN / THWN FOR BRANCH CIRCUITS. FEEDERS SHALL BE THHN / THWN.

10.3. WIRE AND CABLE FOR USE ON SYSTEMS OF BELOW 50 VOLTS SHALL BE 300 VOLT PVC INSULATED AND SUITABLE FOR THE CLASS OR WIRING EXCEPT AS OTHERWISE INDICATED OR SPECIFIED.

10.4. MULTI-CONDUCTOR CABLE: THHN / THWN COPPER CONDUCTORS, INCLUDING GREEN INSULATED GROUNDING CONDUCTOR, CABLED TOGETHER WITH A BINDER TAPE AND A STEEL INTERLOCKED ARMOR OVER THE ENTIRE ASSEMBLY. COMPLY WITH NEMA WC 70 / ICEA S-95-658 FOR METAL CLAD TYPE MC CABLE, UL 1063, UL 83, AND UL 1569.

10.5. ALL CONDUCTORS SHALL BE COPPER, SOLID FOR NO. 10 AWG AND SMALLER; STRANDED FOR NO. 8 AWG AND LARGER.

10.6. ALL CABLES SHALL BE CONTINUOUSLY COLOR CODED OVER THEIR ENTIRE LENGTH. PHASE TAPE COLOR CODE IS NOT ACCEPTABLE. COLORING SHALL BE AS FOLLOWS:

208/120V	480/277V
PHASE A - BLACK	PHASE A - BROWN
PHASE B - RED	PHASE B - ORANGE
PHASE C - BLUE	PHASE C - YELLOW
NEUTRAL - WHITE	NEUTRAL - WHITE/TRACER OR GREY

10.7. FOR CONDUCTORS #10 AWG AND SMALLER: WIRE AND CABLE CONNECTORS SHALL BE SOLDERLESS, MECHANICAL, SOLID COPPER OR COPPER ALLOY TYPES. CONNECTORS SHALL BE BUCHANAN ELECTRICAL PRODUCTS COPPER SQUEEZE-ON TYPE WITH MOLDED RUBBER OR VINYL CAP, "SCOTCHLOCK" OR IDEAL INDUSTRIES "SUPER-NUT" SPRING CONNECTORS WITH MOLDED VINYL CAP OR AS APPROVED.

10.8. FOR CONDUCTORS #8 AWG AND LARGER: UL STANDARD 486A DUAL CRIMP LONG-BARREL COMPRESSION LUGS WITH TWO-BOLT HOLES, SUITABLE FOR 90°C, UNLESS UNAVAILABLE IN THE EQUIPMENT. SIMILAR TO "HYLUGS" MANUFACTURED BY BURNDY TO ACCOMMODATE 1" BOLTS. COMPRESSION CRIMP SHALL BE PERFORMED UTILIZING DIES THAT IMPRESS A MARK INDICATING THE DIE USED TO CRIMP THE CONNECTION. DIE MARK SHALL BE VISIBLE. HIGH PRESS LUGS SHALL BE USED WHEREVER FEASIBLE. WHERE EQUIPMENT TERMINATIONS DO NOT ACCOMMODATE COMPRESSION LUGS, CONNECTORS SHALL BE MOUNTING BLOCK TYPE, INSULATED WITH CLAMP-ON MOLDED COVERS THAT ACCOMMODATE THE LUG TYPES SPECIFIED HEREIN. THE MANUFACTURER SHALL BE O-Z / GEDNEY OR BURNDY COMPANY.

11. LIGHTING FIXTURES AND LAMPS:

11.1. FIXTURES SHALL BE COMPLETE WITH ALL REQUIRED ACCESSORIES AND EQUIPMENT, INCLUDING LAMPS, NECESSARY FOR A COMPLETE INSTALLATION. CONTRACTOR SHALL RECEIVE, UNPACK, ASSEMBLE AND INSTALL FIXTURES INDICATED AS BEING FURNISHED BY OTHERS.

11.2. REFER TO THE LIGHTING FIXTURE SCHEDULE FOR INFORMATION ON LIGHT FIXTURES.

11.3. VERIFY THE CEILING OR WALL CONSTRUCTION, VOLTAGE AND THE MOUNTING REQUIREMENTS OF EACH FIXTURE AND PROVIDE PLASTER FRAMES, SPECIAL FLANGES, CONCRETE POUR HOUSINGS, BOXES, BRACKETS, ADAPTERS, HANGERS, STEMS, CANOPIES, SPECIAL BALLASTS OR LENSES AND OTHER MATERIALS NECESSARY TO PROPERLY PURCHASE AND MOUNT THE FIXTURE.

12. NAMEPLATE AND LABELS:

12.1. NAMEPLATES SHALL BE PROVIDED FOR PANELBOARDS, SWITCHES, AND TO IDENTIFY SIMILAR ITEMS WHICH ARE FURNISHED OR INSTALLED UNDER THIS SECTION.

12.2. NAMEPLATES SHALL BE ENGRAVED LAMINATED PLASTIC WITH CHARACTERS CUT THROUGH THE BLACK TOP LAYER TO WHITE LAYER BELOW.

EXECUTION

1. INSTALLATION AND CONNECTION OF ELECTRICAL EQUIPMENT:

1.1. EQUIPMENT FURNISHED BY OTHERS SHALL BE COMPLETELY CONNECTED TO THE ELECTRICAL SYSTEM EXCEPT AS NOTED ON THE DRAWINGS. ALL FUSES, BREAKERS AND DISCONNECTS SHALL BE PROVIDED AS NECESSARY FOR PROPER PROTECTION. PROVIDE ALL FLEXIBLE CONDUIT, BOXES, FITTINGS, RECEPTACLES, CORDS, PLUGS AND OTHER MATERIAL REQUIRED FOR INSTALLATION. REFER TO MANUFACTURER'S DIRECTIONS WHERE APPLICABLE.

2. INSTALLATION OF CONDUIT:

2.1. STANDARD WEIGHT RIGID METAL CONDUIT SHALL BE USED WHERE EXPOSED TO THE WEATHER, PLACED UNDERGROUND BELOW CONCRETE SLAB, IN CONCRETE OR MASONRY CONSTRUCTION IN CONTACT WITH EARTH, AND WHERE SHOWN ON THE PLANS.

2.2. GALVANIZED STEEL ELECTRICAL METALLIC TUBING SHALL BE USED IN ABOVE GROUND, INTERIOR, DRY LOCATIONS PROTECTED FROM WEATHER AND PHYSICAL DAMAGE, AND MAY BE USED IN CONCRETE OR MASONRY CONSTRUCTION NOT IN CONTACT WITH EARTH.

2.3. FLEXIBLE METALLIC CONDUIT SHALL BE USED WHERE SHOWN ON THE PLANS AND TO CONNECT CONDUIT SYSTEMS TO MOTORS, DIRECT WIRED AND VIBRATING EQUIPMENT AND AS A FINAL CONNECTION TO LIGHTING FIXTURES (6" MAX) IN ACCESSIBLE CEILINGS. IT MAY BE USED AS A WIRING SYSTEM INSTEAD OF EMT IN INTERIOR WALLS ONLY (DRY FRAME OR STUD CONSTRUCTION), WHEN ALLOWED BY LANDLORD AND/OR OWNER.

2.4. LIQUIDTIGHT FLEXIBLE METAL CONDUIT SHALL BE USED FOR FINAL ELECTRICAL CONNECTION TO ROOF TOP OF OTHER EQUIPMENT EXPOSED TO THE ENVIRONMENT.

2.5. RIGID NON-METALLIC CONDUIT MAY BE USED FOR ALL UNDERSLAB OR UNDERGROUND WORK IN PLACE OF STANDARD WEIGHT RIGID METAL AND WHERE SPECIFICALLY SPECIFIED. ALL UNFS OF RIGID NON-METALLIC CONDUIT SHALL CONTAIN A SEPARATE GREEN GROUND WIRE ADEQUATELY SIZED FOR SERVICE INTENDED. WHERE REQUIRED TO CONTINUE ABOVE SLAB, STUB NON-METALLIC CONDUIT 6" ABOVE SLAB THEN MAKE PROPER TRANSITION TO METAL CONDUIT.

2.6. ALL RIGID STEEL CONDUIT INSTALLED IN THE GROUND SHALL BE WRAPPED WITH HUNT'S PROCESS NO. 3, PVC COATED OR ENCASED IN 3" CONCRETE ON ALL SIDES.

2.7. THE MINIMUM SIZES OF CONDUIT SHALL BE CODE SIZE FOR THE NUMBER AND SIZE OF CONDUCTORS, UNLESS A LARGER SIZE IS SHOWN, IN WHICH CASE SUCH LARGER SIZE SHALL BE USED.

2.8. ALL FINAL CONNECTION TO MOTORS SHALL BE FLEXIBLE METAL CONDUIT AND AS SHOWN ON DRAWINGS.

2.9. WHERE PORTIONS OF RACEWAYS OR SLEEVES ENTER AREAS SUCH AS COLD STORAGE OR WHERE PASSING FROM THE INTERIOR TO THE EXTERIOR OF A BUILDING, THE RACEWAY OR SLEEVE SHALL BE FILLING WITH AN APPROVED MATERIAL TO PREVENT THE CIRCULATION OF WARM AIR TO A COOLER SECTION OF THE RACEWAY SLEEVE.

3. INSTALLATION AND CONNECTION OF WIRING:

3.1. CLEAN OUT AND DRY ALL CONDUIT AND WIREWAYS BEFORE PULLING ANY WIRES. USE NO LUBRICANT EXCEPT AS RECOMMENDED BY THE WIRE OR CABLE MANUFACTURER.

3.2. MAKE ALL CONNECTION AND SPLICES NECESSARY TO PROPERLY COMPLETE THE ELECTRICAL WIRING. CONNECTION AND SPLICES SHALL BE MADE ONLY IN PULL, JUNCTION OR OUTLET BOXES, OR IN SWITCHBOARDS, WIREWAYS OR PANELS HAVING SUFFICIENT CODE SIZED GUTTER SPACE. CONNECTION AND SPLICES IN WIRES SMALLER THAN NO. 6 AWG SHALL BE MADE WITH COMPRESSION, VISE TYPE, OR SPLIT BOLT SOLDERLESS CONNECTORS, INSULATED AND TAPED.

4. TELEPHONE SYSTEMS:

4.1. FURNISH AND INSTALL DEVICES AND CONDUIT FOR TELEPHONE DEVICES AS INDICATED ON DRAWINGS. CONNECT DEVICES TO EXISTING TELEPHONE SYSTEM, VERIFY EXACT LOCATION.

4.2. INSTALL A 1/8-INCH POLYETHYLENE PULL-IN WIRE IN EACH CONDUIT RUN.

4.3. TELEPHONE WALL OUTLETS SHALL BE 4-11/16 INCH SQUARE BY 2-1/8 INCH DEEP METAL BOXES, WITH PLASTER RING AND SINGLE BUSHED OUTLET FLUSH TELEPHONE PLATE.

5. GROUNDING:

5.1. MAKE GOOD MECHANICAL AND ELECTRICAL CONTACT AT ALL POLES, PANELBOARDS, OUTLET BOXES, JUNCTION BOXES, AND WHEREVER THE CONDUIT RUN IS CONNECTED. PERMANENTLY AND EFFECTIVELY GROUND ALL CONDUIT, FIXTURES, MOTORS AND OTHER EQUIPMENT AS REQUIRED BY ALL APPLICABLE CODES, REGULATIONS AND STANDARDS, NEC 250.

6. CHECKING AND TESTING OF EQUIPMENT AND SYSTEMS:

6.1. PANELS, DISCONNECTS, STARTERS AND OTHER EQUIPMENT INSTALLED UNDER THIS SECTION SHALL BE INSPECTED FOR DEFECTS AND TESTED FOR PROPER OPERATION.

6.2. SYSTEMS SHALL BE TESTED FOR SHORT CIRCUITS, OPEN CIRCUITS AND WRONG CONNECTIONS AND SHALL BE FREE FROM MECHANICAL AND ELECTRICAL DEFECTS. CIRCUITS SHALL BE TESTED FOR PROPER NEUTRAL AND GROUND CONNECTIONS.

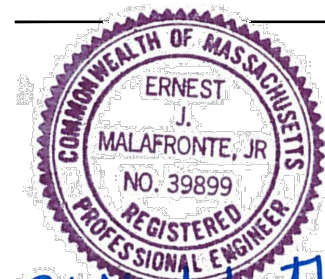


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keyplan:



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electrical  
specifications

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scale:
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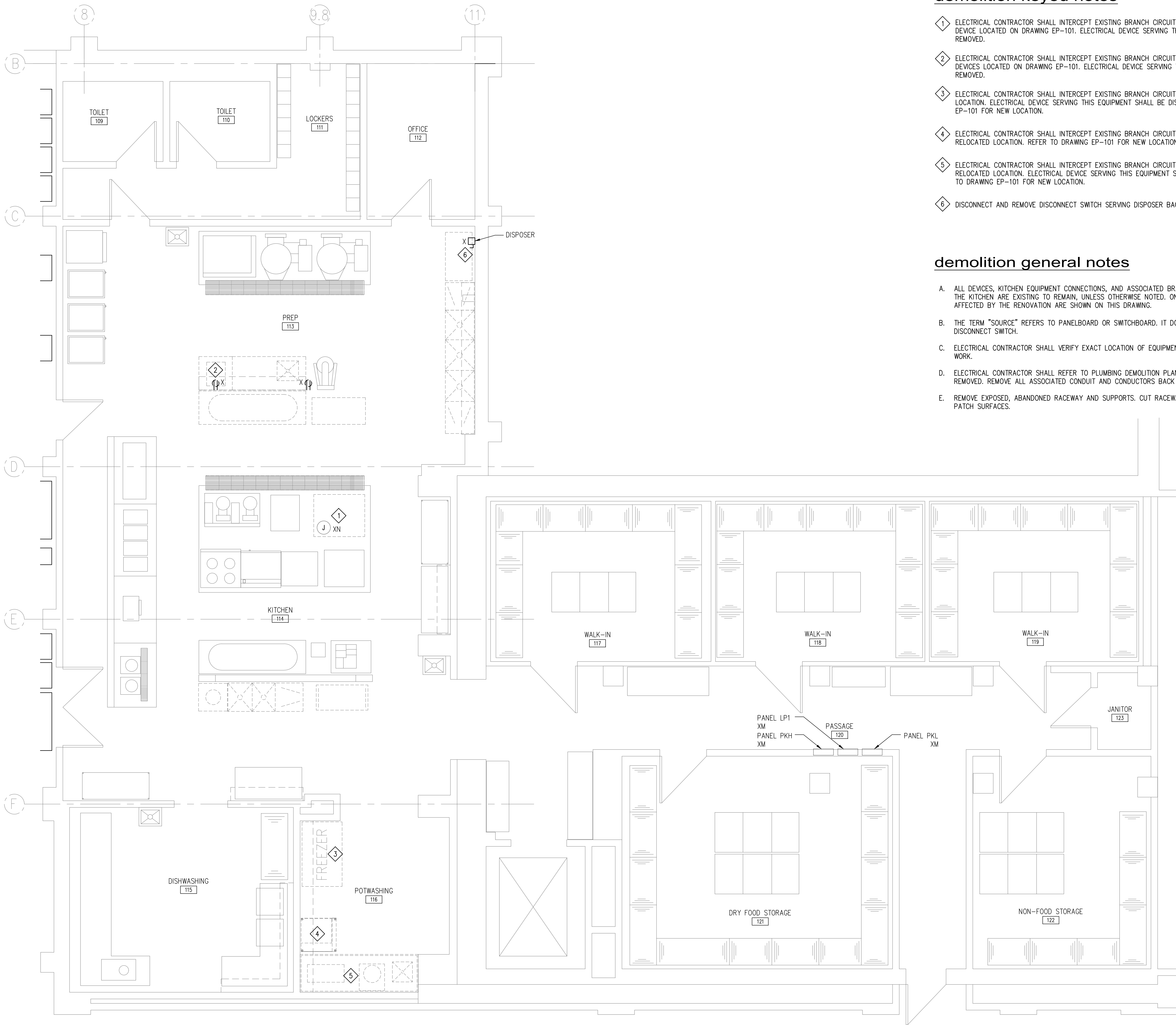
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demolition keyed notes

- 1 ELECTRICAL CONTRACTOR SHALL INTERCEPT EXISTING BRANCH CIRCUIT SERVING GAS OVEN AND REUSE FOR NEW DEVICE LOCATED ON DRAWING EP-101. ELECTRICAL DEVICE SERVING THIS EQUIPMENT SHALL BE DISCONNECTED AND REMOVED.
- 2 ELECTRICAL CONTRACTOR SHALL INTERCEPT EXISTING BRANCH CIRCUIT SERVING MEAT SLICER AND REUSE FOR NEW DEVICES LOCATED ON DRAWING EP-101. ELECTRICAL DEVICE SERVING THIS EQUIPMENT SHALL BE DISCONNECTED AND REMOVED.
- 3 ELECTRICAL CONTRACTOR SHALL INTERCEPT EXISTING BRANCH CIRCUIT SERVING FREEZER AND EXTEND TO RELOCATED LOCATION. ELECTRICAL DEVICE SERVING THIS EQUIPMENT SHALL BE DISCONNECTED AND REMOVED. REFER TO DRAWING EP-101 FOR NEW LOCATION.
- 4 ELECTRICAL CONTRACTOR SHALL INTERCEPT EXISTING BRANCH CIRCUIT SERVING ICE MAKER AND EXTEND TO RELOCATED LOCATION. REFER TO DRAWING EP-101 FOR NEW LOCATION.
- 5 ELECTRICAL CONTRACTOR SHALL INTERCEPT EXISTING BRANCH CIRCUIT SERVING COFFEE BREWER AND EXTEND TO RELOCATED LOCATION. ELECTRICAL DEVICE SERVING THIS EQUIPMENT SHALL BE DISCONNECTED AND REMOVED. REFER TO DRAWING EP-101 FOR NEW LOCATION.
- 6 DISCONNECT AND REMOVE DISCONNECT SWITCH SERVING DISPOSER BACK TO SOURCE.

demolition general notes

- A. ALL DEVICES, KITCHEN EQUIPMENT CONNECTIONS, AND ASSOCIATED BRANCH CIRCUITS SERVING ITEMS LOCATED IN THE KITCHEN ARE EXISTING TO REMAIN, UNLESS OTHERWISE NOTED. ONLY ELECTRICAL DEVICES AND EQUIPMENT AFFECTED BY THE RENOVATION ARE SHOWN ON THIS DRAWING.
- B. THE TERM "SOURCE" REFERS TO PANELBOARD OR SWITCHBOARD. IT DOES NOT MEAN JUNCTION BOX OR DISCONNECT SWITCH.
- C. ELECTRICAL CONTRACTOR SHALL VERIFY EXACT LOCATION OF EQUIPMENT AND DEVICES PRIOR TO START OF WORK.
- D. ELECTRICAL CONTRACTOR SHALL REFER TO PLUMBING DEMOLITION PLANS FOR ADDITIONAL EQUIPMENT TO BE REMOVED. REMOVE ALL ASSOCIATED CONDUIT AND CONDUCTORS BACK TO SOURCE.
- E. REMOVE EXPOSED, ABANDONED RACEWAY AND SUPPORTS. CUT RACEWAY FLUSH WITH WALLS AND FLOORS, AND PATCH SURFACES.

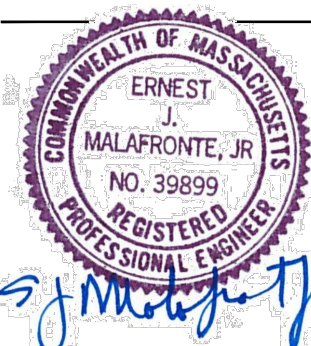


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electrical demolition  
plan

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project number: dcm-4163  
scale: as noted  
drawing number:

ED-101

D2 first floor electrical demolition plan  
1/4"=1'-0"

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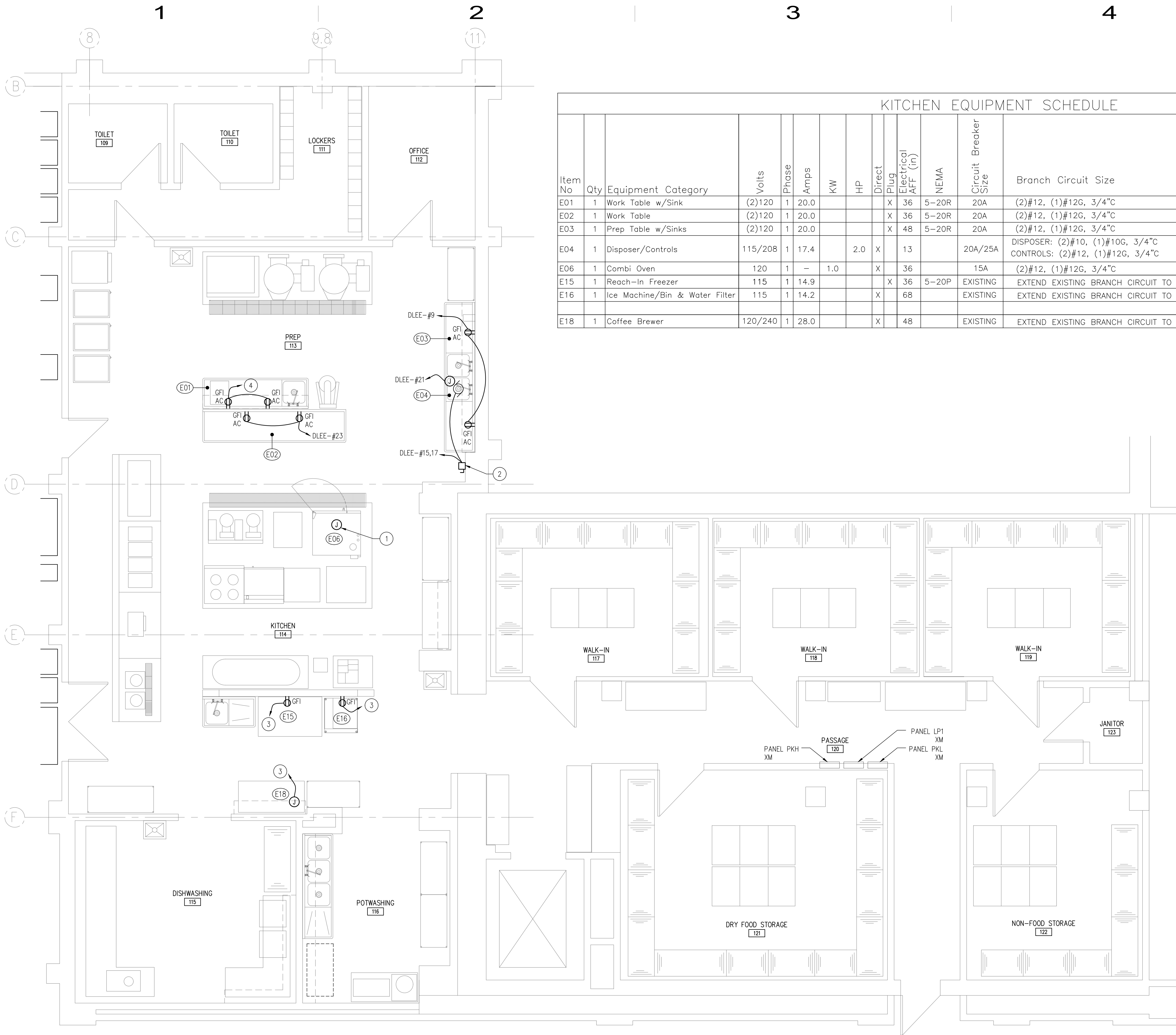


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KITCHEN EQUIPMENT SCHEDULE											
Item No	Qty	Equipment Category	Volts	Phase	Amps	KW	HP	Direct Plug	Electrical AFF (in)	NEMA	Circuit Breaker Size
E01	1	Work Table w/Sink	(2)120	1	20.0			X	36	5-20R	20A
E02	1	Work Table	(2)120	1	20.0			X	36	5-20R	20A
E03	1	Prep Table w/Sinks	(2)120	1	20.0			X	48	5-20R	20A
E04	1	Disposer/Controls	115/208	1	17.4		2.0	X	13		20A/25A
E06	1	Combi Oven	120	1	-	1.0		X	36		15A
E15	1	Reach-In Freezer	115	1	14.9			X	36	5-20P	EXISTING
E16	1	Ice Machine/Bin & Water Filter	115	1	14.2			X	68		EXISTING
E18	1	Coffee Brewer	120/240	1	28.0			X	48		EXISTING

Branch Circuit Size		Equipment Remarks	
(2)#12, (1)#12G, 3/4"C		EC - PROVIDE TWO (2) TABLE MOUNTED CONVENIENCE OUTLETS.	
(2)#12, (1)#12G, 3/4"C		EC - PROVIDE TWO (2) TABLE MOUNTED CONVENIENCE OUTLETS.	
(2)#12, (1)#12G, 3/4"C		EC - PROVIDE TWO (2) WALL MOUNTED CONVENIENCE OUTLETS.	
DISPOSER: (2)#10, (1)#10G, 3/4"C CONTROLS: (2)#12, (1)#12G, 3/4"C		20A CIRCUIT BREAKER PROTECTS THE CONTROLS CIRCUIT. 25A CIRCUIT BREAKER PROTECTS THE DISPOSER.	
(2)#12, (1)#12G, 3/4"C			
EXTEND EXISTING BRANCH CIRCUIT TO NEW LOCATION.		EXISTING - VERIFY ALL UTILITY REQUIREMENTS IN THE FIELD.	
EXTEND EXISTING BRANCH CIRCUIT TO NEW LOCATION.		EXISTING - VERIFY ALL UTILITY REQUIREMENTS IN THE FIELD.	
EXTEND EXISTING BRANCH CIRCUIT TO NEW LOCATION.		EXISTING - VERIFY ALL UTILITY REQUIREMENTS IN THE FIELD.	

power keyed notes

- CONNECT NEW EQUIPMENT TO EXISTING GAS OVEN BRANCH CIRCUIT.
- PROVIDE 240VAC, 30A, 2-POLE, NON-FUSED, NEMA 3R DISCONNECT SWITCH TO SERVE EQUIPMENT.
- RELOCATED EQUIPMENT. ELECTRICAL CONTRACTOR SHALL INTERCEPT EXISTING BRANCH CIRCUIT AND EXTEND TO NEW LOCATION.
- INTERCEPT AND EXTEND EXISTING BRANCH CIRCUIT INDICATED ON DRAWING ED-101 TO SERVE RECEPTACLES.

power general notes

- ELECTRICAL CONTRACTOR SHALL COORDINATE ALL ELECTRICAL REQUIREMENTS, INCLUDING BUT NOT LIMITED TO, VOLTAGE, PHASE, WIRES, HORSEPOWER, OVERCURRENT PROTECTION, AND MOUNTING HEIGHTS WITH KITCHEN EQUIPMENT MANUFACTURER AND KITCHEN DRAWINGS PRIOR TO START OF WORK.
- REFER TO KITCHEN EQUIPMENT DRAWING FOR ADDITIONAL INFORMATION.
- ALL KITCHEN EQUIPMENT AND DEVICES SHALL BE SERVED FROM GENERATOR PROVIDED PANELBOARDS LOCATED IN CHAMBERS BASEMENT, UNLESS OTHERWISE NOTED. ELECTRICAL CONTRACTOR SHALL VERIFY SUFFICIENT CAPACITY AND POLE SPACE EXIST IN THESE PANELBOARDS TO HANDLE THE NEW LOADS. ALL CIRCUIT NUMBERS INDICATED ARE FOR REFERENCE ONLY. CONTRACTOR TO CONFIRM EXACT PANELBOARD AND CIRCUIT NUMBERS IN THE FIELD.
- ALL NEW 120V, 15 AND 20A RECEPTACLES IN THE KITCHEN SHALL BE PROVIDED WITH GFCI PROTECTION, PER N.E.C. 210.8.B.2.
- REFER TO KITCHEN EQUIPMENT SCHEDULE ON THIS DRAWING FOR BRANCH CIRCUIT SIZES OF EQUIPMENT AND DEVICES.
- UPON ACTUATION OF THE FIRE SUPPRESSION SYSTEM UNDER THE KITCHEN HOOD, ALL FUEL OR ELECTRICAL POWER SUPPLY TO THE COOKING EQUIPMENT SHALL AUTOMATICALLY SHUT DOWN. ELECTRICAL CONTRACTOR SHALL CONFIRM ALL KITCHEN EQUIPMENT LOCATED UNDER THE COOKING HOOD COMPLIES WITH THIS REQUIREMENT AND MODIFY SYSTEM AS NECESSARY.

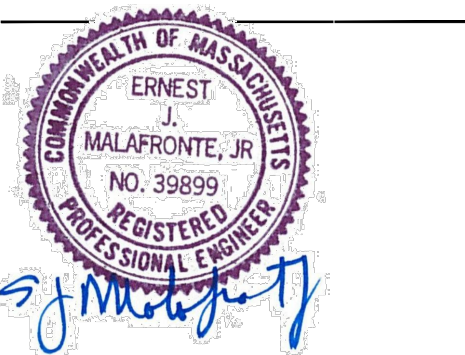
D1 partial electrical fist floor power plan - main kitchen  
1/4"=1'-0"



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keyplan:

project north			
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partial electrical fist  
floor power plan -  
main kitchen

date:  
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project number:  
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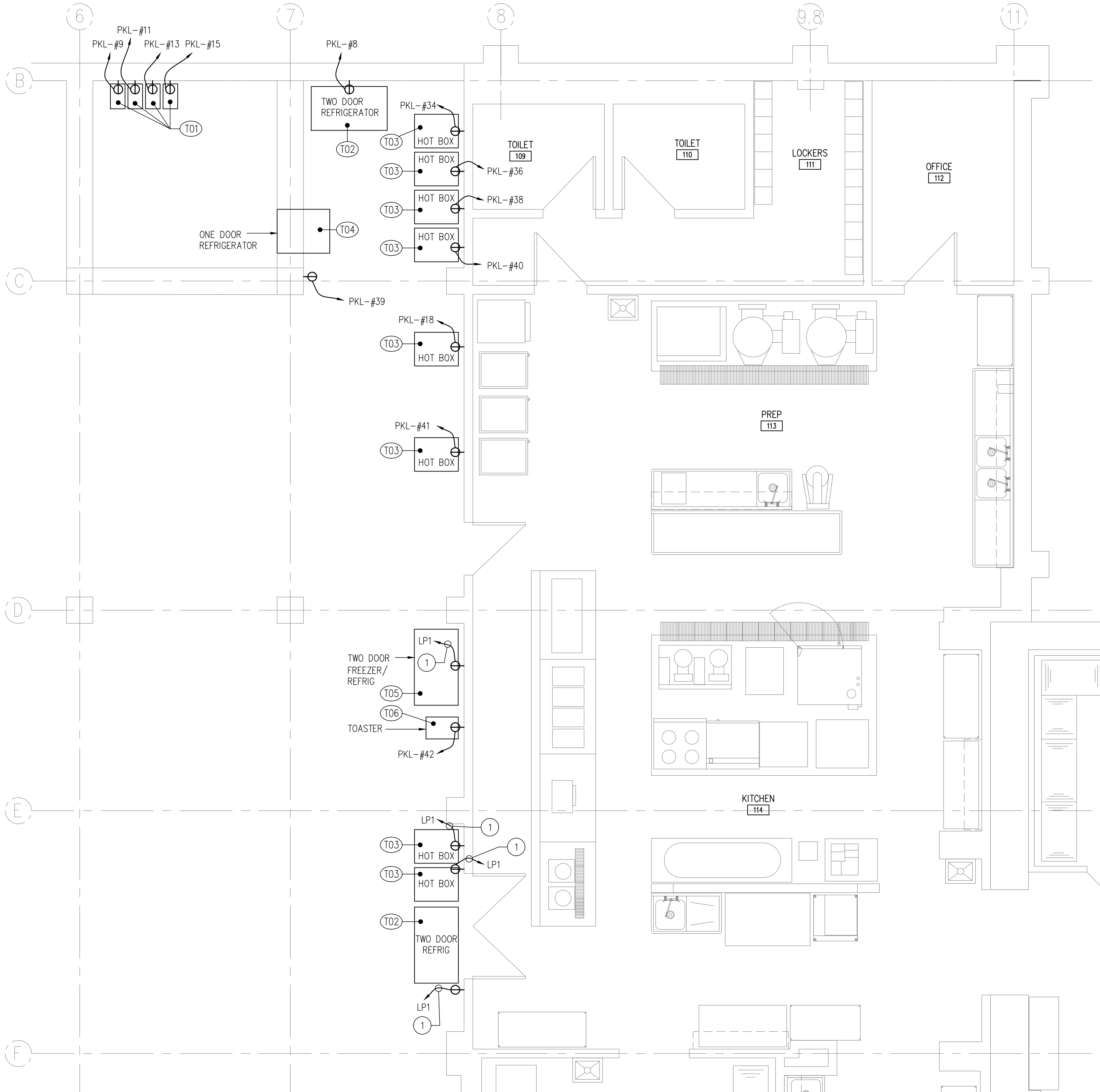
KITCHEN EQUIPMENT SCHEDULE													
Item No	Qty	Equipment Category	Volts	Phase	Amps	KW	HP	Direct Plug	Electrical AFF (in)	NEMA	Circuit Breaker Size	Branch Circuit Size	Equipment Remarks
T01	4	Coffee Maker	120	1	12	1.5		X	-	5-20R	20A	(2)#12, (1)#12G, 3/4"C	EC - COORDINATE MOUNTING HEIGHT WITH OWNER PRIOR TO START OF WORK.
T02	2	Two Door Refrigerator	120	1	12			X	-	5-20R	15A	(2)#12, (1)#12G, 3/4"C	EC - COORDINATE MOUNTING HEIGHT WITH OWNER PRIOR TO START OF WORK.
T03	8	Hot Box	120	1		1.5		X	-	5-20R	20A	(2)#12, (1)#12G, 3/4"C	EC - COORDINATE MOUNTING HEIGHT WITH OWNER PRIOR TO START OF WORK.
T04	1	One Door Refrigerator	120	1	11.3			X	-		20A	(2)#12, (1)#12G, 3/4"C	EC - COORDINATE MOUNTING HEIGHT WITH OWNER PRIOR TO START OF WORK.
T05	1	Two Door Refrig. / Freezer	120	1	13.0			X	-		20A	(2)#12, (1)#12G, 3/4"C	EC - COORDINATE MOUNTING HEIGHT WITH OWNER PRIOR TO START OF WORK.
T06	1	Toaster	120	1	13.5			X	-		20A	(2)#12, (1)#12G, 3/4"C	EC - COORDINATE MOUNTING HEIGHT WITH OWNER PRIOR TO START OF WORK.

power keyed notes

- 1 PROVIDE 120V, 20A, 1-PHASE BRANCH CIRCUIT TO SERVE TEMPORARY KITCHEN EQUIPMENT. KITCHEN EQUIPMENT SHALL BE SERVED FROM EXISTING PANELBOARD "LP1".

power general notes

- A. ELECTRICAL CONTRACTOR SHALL COORDINATE ALL ELECTRICAL REQUIREMENTS, INCLUDING BUT NOT LIMITED TO, VOLTAGE, PHASE, WIRES, HORSEPOWER, OVERCURRENT PROTECTION, AND MOUNTING HEIGHTS WITH NAMEPLATE INFORMATION FOUND KITCHEN EQUIPMENT PRIOR TO START OF WORK.
- B. REFER TO KITCHEN EQUIPMENT SCHEDULE ON THIS DRAWING FOR BRANCH CIRCUIT SIZES OF EQUIPMENT AND DEVICES.
- C. PANELBOARDS "PKL" AND "LP1" ARE LOCATED IN PASSAGE 120.
- D. ELECTRICAL CONTRACTOR SHALL VERIFY SUFFICIENT POLE SPACE EXISTS IN PANELS "PKL" AND "LP1" TO SERVE TEMPORARY KITCHEN EQUIPMENT. NOTIFY ENGINEER IMMEDIATELY IF THIS IS NOT THE CASE.
- E. ELECTRICAL CONTRACTOR SHALL ROUTE BRANCH CIRCUIT FROM THE PANELBOARD INDICATED AND ABOVE THE CEILING TO TEMPORARY KITCHEN EQUIPMENT LOCATION. TERMINATE BRANCH CIRCUIT AT JUNCTION BOX LOCATED AT THE CEILING AND TRANSITION TO TYPE SO FLEXIBLE CORD. PROVIDE MINIMUM 8' OF TYPE SO FLEXIBLE CORD WITH ASSOCIATED CONNECTOR BODY FOR TO SERVE KITCHEN EQUIPMENT. ELECTRICAL CONTRACTOR SHALL COORDINATE ROUTING OF BRANCH CIRCUIT, ACTUAL LENGTH OF TYPE SO CABLE, AND EXACT LOCATION OF JUNCTION BOXES WITH CLIENT PRIOR TO START OF WORK.



D2 partial first floor plan - temporary kitchen  
1/4"=1'-0"

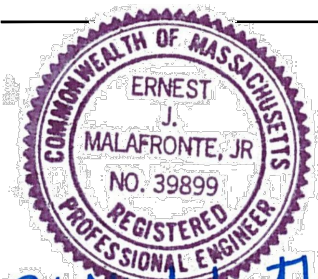


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keyplan:



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partial electrical  
first floor power  
plan - temporary  
kitchen

date:  
12.06.17  
project number:  
dcm-4163  
scale:  
as noted  
drawing number:

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9	E03 - PREP TABLE WITH SINKS (NEW)													20A		0.4								20A	TILTING SKILLET (EXISTING)														10																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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15	E04 - GARBAGE DISPOSAL (NEW)													25A/2P (NEW)			1.8							20A	HOOD LIGHTS KITCHEN (EXISTING)														16																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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19	ELECTRIC DOORS BASEMENT (EXISTING)													20A										20A	SPRINKLER ALARM MECH RM (EXISTING)														20																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
21	E04 - GARBAGE DISPOSAL CONTROLS (NEW)													20A					1.0					20A	SPACE														22																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
23	E02 - PREP TABLE WITH SINKS (NEW)													20A		0.4								20A	BASEMENT FREEZER LIGHTS (EXISTING)														24																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
25	CIRC PUMP MECH RM (EXISTING)													20A																26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
27	CIRC PUMP MECH RM (EXISTING)													20A										20A/3P	VAC PUMP ROOM G6 (EXISTING)														28																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
29	TEMP CONTROL PANEL (EXISTING)													20A																	30																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
31																								20A	CIRC PUMP PLUMBING (EXISTING)														32																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
33	PANEL "DLER" (EXISING)													100A/3P											20A	CIRC PUMP PLUMBING (EXISTING)														34																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
35																									20A	HOT WATER CIRC PUMP (EXISTING)														36																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
37	BASEMENT DRAIN HEATER (EXISTING)													20A																	38																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
39	AIR DRYER (EXISTING)													20A										100A/3P	ELEVATOR (EXISTING)														40																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
41	SPARE													20A																	42																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
LEFT SIDE SUB TOTAL															0.0	0.8	3.6	0.0	1.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

PANEL "DLEE"														PROJECT NUMBER										DCM-4163A																															
SERVICE RATED														X YES										NO		DATE																													
ISOLATED GROUND BUS														YES										X NO		TYPE																													
LOCATION														BASEMENT										AIC AND SHORT CIRCUIT RATING										EXISTING																					
DESCRIPTION														CIRCUIT BRKR. SIZE		LTG. KVA		REC. KVA		MOT. KVA		HTG. KVA		MISC. KVA		MISC. KVA		HTG. KVA		MOT. KVA		REC. KVA		LTG. KVA		CIRCUIT BRKR. SIZE		DESCRIPTION																	
1 HOT FOOD SERVICE CAB (EXISTING)														20A/2P																						40A/2P		COFE URN (EXISTING)		2															
3																																						4																	
5 KETTLE (EXISTING)														20A																						20A		KETTLE (EXISTING)		6															
7 OVEN STEAMER (EXISTING)														20A																						20A		HOOD LIGHTS KITCHEN (EXISTING)		8															
9 E03 - PREP TABLE WITH SINKS (NEW)														20A		0.4																				20A		TILTING SKILLET (EXISTING)		10															
11 OVEN STEAMER (EXISTING)														20A																						20A		DOUBLE KETTLE ASSEMBLY (EXISTING)		12															
13 DOUBLE CONVECTION OVEN (EXISTING)														20A																						20A		CONVECTION OVEN (EXISTING)		14															
15 E04 - GARBAGE DISPOSAL (NEW)														25A/2P (NEW)				1.8																		20A		HOOD LIGHTS KITCHEN (EXISTING)		16															
17																		1.8																		20A		ELEC DOOR MAGNET (EXISTING)		18															
19 ELECTRIC DOORS BASEMENT (EXISTING)														20A										1.0												20A		SPRINKLER ALARM MECH RM (EXISTING)		20															
21 E04 - GARBAGE DISPOSAL CONTROLS (NEW)														20A																						20A		SPACE		22															
23 E02 - PREP TABLE WITH SINKS (NEW)														20A		0.4																				20A		BASEMENT FREEZER LIGHTS (EXISTING)		24															
25 CIRC PUMP MECH RM (EXISTING)														20A																										26															
27 CIRC PUMP MECH RM (EXISTING)														20A																						20A/3P		VAC PUMP ROOM G6 (EXISTING)		28															
29 TEMP CONTROL PANEL (EXISTING)														20A																										30															
31																																				20A		CIRC PUMP PLUMBING (EXISTING)		32															
33 PANEL "DLER" (EXISING)														100A/3P																								20A		CIRC PUMP PLUMBING (EXISTING)		34													
35																																				20A		HOT WATER CIRC PUMP (EXISTING)		36															
37 BASEMENT DRAIN HEATER (EXISTING)														20A																												38													
39 AIR DRYER (EXISTING)														20A																						100A/3P		ELEVATOR (EXISTING)		40															
41 SPARE														20A																										42															
LEFT SIDE SUB TOTAL																0.0		0.8		3.6		0.0		1.0																															
RIGHT SIDE SUB TOTAL																										0.0		0.0		0.0		0.0		0.0																					
CONNECTED SUB TOTAL																0		0.8		3.6		0		1																															
FUTURE ALLOWANCE																0		0		0		0																																	
SUB-TOTAL																0		0.8		3.6		0		1																															
DEMAND FACTOR																1		NEC		1		1		0.8																															
SUB-TOTAL																0		0.8		3.6		0		0.8																															
TOTAL PANEL KVA																5.2																																							
TOTAL PANEL AMPS																14.4																																							
MAIN BREAKER MCB																								VOLTS		120 / 208																													
NEUTRAL														( X ) 100%										( ) 150%										( ) 200%										PHASE		3									
BUS RATING 250A																																												MOUNTING		RECESSED									

power general notes

A. NEW CIRCUIT BREAKERS INSTALLED IN EXISTING PANELBOARDS SHALL MATCH EXISTING BREAKER TYPES AND AIC RATINGS.



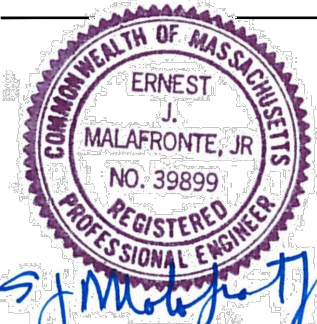


architecture  
•  
engineering  
•  
management

pittsfield, ma  
unionville, ct

(888) 336-6500  
team@edm-ae.com


consultants:



design by: JB  
drawn by: JB

checked by: EM  
approved by: EM

Taunton State Hospital  
Food Service Improvements  
EHS1801-TR1  
60 hodges avenue  
taunton, ma 02780

keyplan:  


rev:	date:	issued for:	initials:

electrical panel schedules

date: 12.06.17  
project number: dcm-4163  
scale: as noted  
drawing number:

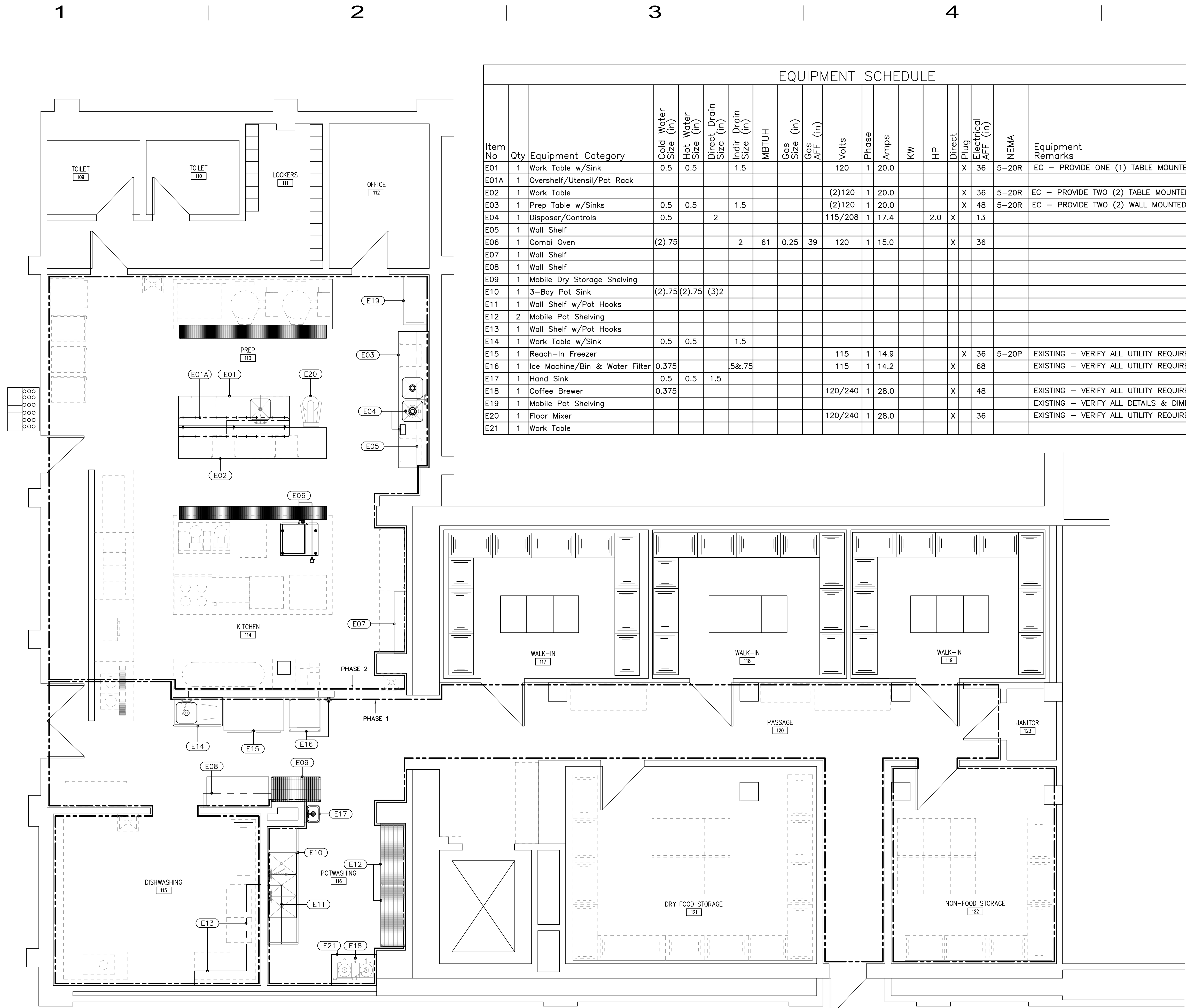


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EQUIPMENT SCHEDULE															
Item No	Qty	Equipment Category	Cold Water Size (in)	Hot Water Size (in)	Direct Drain Size (in)	Indir. Drain Size (in)	MBTUH	Gas Size (in)	Gas AFF (in)	Volts	Phase	Amps	KW	HP	Equipment Remarks
E01	1	Work Table w/Sink	0.5	0.5		1.5				120	1	20.0			EC - PROVIDE ONE (1) TABLE MOUNTED CONVENIENCE OUTLET.
E01A	1	Overshelf/Utensil/Pot Rack													
E02	1	Work Table								(2)120	1	20.0			EC - PROVIDE TWO (2) TABLE MOUNTED CONVENIENCE OUTLETS.
E03	1	Prep Table w/Sinks	0.5	0.5		1.5				(2)120	1	20.0			EC - PROVIDE TWO (2) WALL MOUNTED CONVENIENCE OUTLETS.
E04	1	Disposer/Controls	0.5		2					115/208	1	17.4		2.0	
E05	1	Wall Shelf													
E06	1	Combi. Oven	(2).75			2	61	0.25	39	120	1	15.0			
E07	1	Wall Shelf													
E08	1	Wall Shelf													
E09	1	Mobile Dry Storage Shelving													
E10	1	3-Bay Pot Sink	(2).75	(2).75	(3)2										
E11	1	Wall Shelf w/Pot Hooks													
E12	2	Mobile Pot Shelving													
E13	1	Wall Shelf w/Pot Hooks													
E14	1	Work Table w/Sink	0.5	0.5		1.5									
E15	1	Reach-In Freezer								115	1	14.9			EXISTING - VERIFY ALL UTILITY REQUIREMENTS IN THE FIELD.
E16	1	Ice Machine/Bin & Water Filter	0.375			5&.75				115	1	14.2			EXISTING - VERIFY ALL UTILITY REQUIREMENTS IN THE FIELD.
E17	1	Hand Sink	0.5	0.5	1.5										
E18	1	Coffee Brewer	0.375							120/240	1	28.0			EXISTING - VERIFY ALL UTILITY REQUIREMENTS IN THE FIELD.
E19	1	Mobile Pot Shelving													EXISTING - VERIFY ALL DETAILS & DIMENSIONS IN THE FIELD.
E20	1	Floor Mixer								120/240	1	28.0			EXISTING - VERIFY ALL UTILITY REQUIREMENTS IN THE FIELD.
E21	1	Work Table													

ISSUED FOR  
"BIDDING & PERMITTING"  
NOT TO BE USED FOR CONSTRUCTION

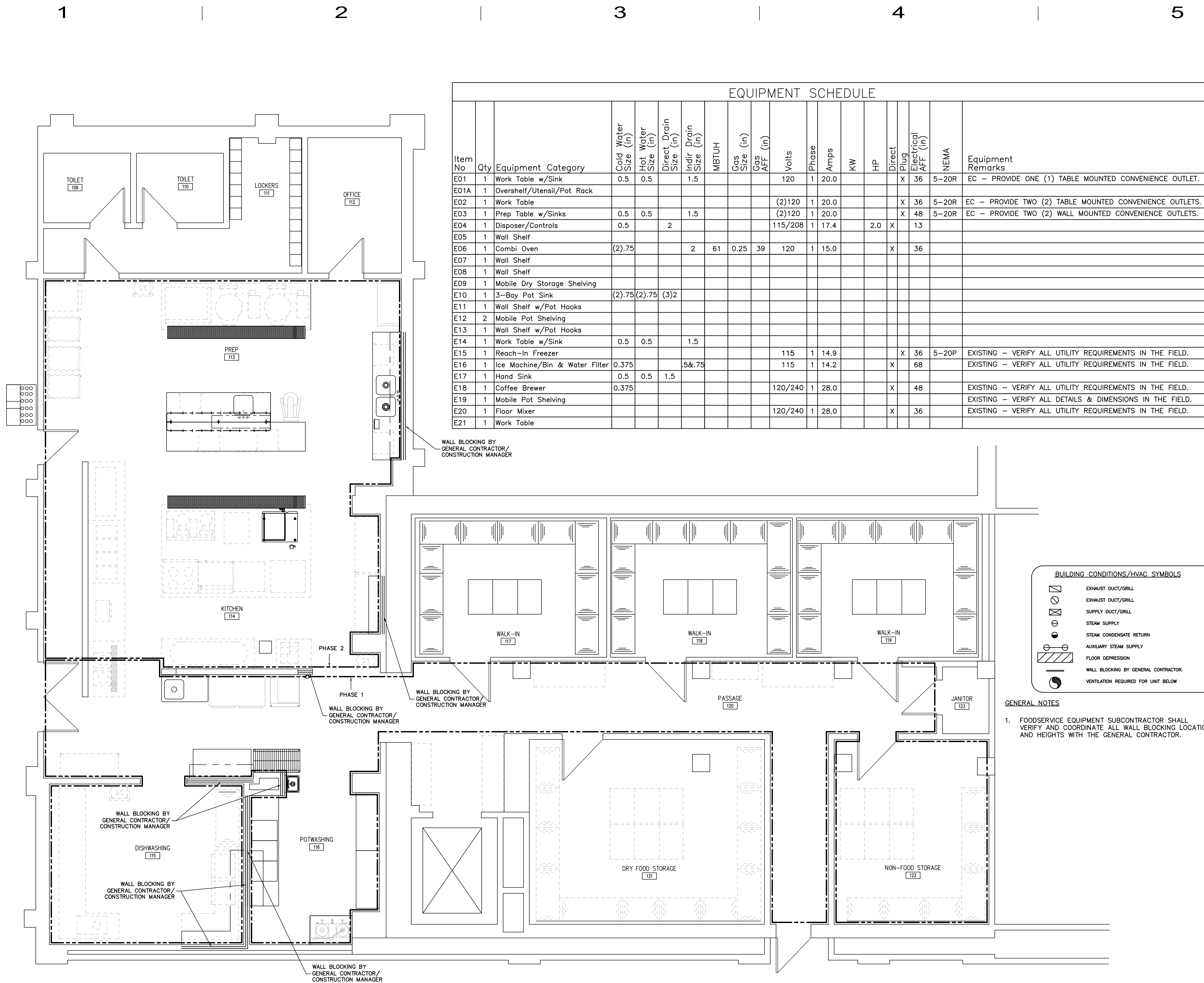


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**BUILDING CONDITIONS/HVAC SYMBOLS**

- EXHAUST DUCT/GRILL
- EXHAUST DUCT/GRILL
- SUPPLY DUCT/GRILL
- STEAM SUPPLY
- STEAM CONDENSATE RETURN
- AUXILIARY STEAM SUPPLY
- FLOOR DEPRESSION
- WALL BLOCKING BY GENERAL CONTRACTOR.
- VENTILATION REQUIRED FOR UNIT BELOW

**GENERAL NOTES**

1. FOODSERVICE EQUIPMENT SUBCONTRACTOR SHALL VERIFY AND COORDINATE ALL WALL BLOCKING LOCATIONS AND HEIGHTS WITH THE GENERAL CONTRACTOR.

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1. ALL FLOOR SINKS AND FLOOR DRAINS PROVIDED AND INSTALLED BY PLUMBING SUBCONTRACTOR. FOODSERVICE EQUIPMENT SUBCONTRACTOR TO VERIFY & COORDINATE FLOOR SINK LOCATIONS IN THE FIELD WITH THE GENERAL CONTRACTOR.
2. ALL HORIZONTAL PIPING EXTENDED AND CONNECTED TO EQUIPMENT SHOULD BE RUN AT THE HIGHEST POSSIBLE ELEVATION ABOVE THE FLOOR. NO LINES SHOULD LAY DIRECTLY ON THE FLOOR AT ANY TIME.
3. RECOMMENDED FLOOR SINKS SHALL BE SQUARE TYPE INDIRECT WASTE RECEPTORS WITH REMOVABLE GRATE. PERCENTAGE OF GRATE AS INDICATED ON PLAN.
4. ALL PLUMBING FIXTURES FURNISHED FOR FOODSERVICE EQUIPMENT TO BE PROVIDED BY FOODSERVICE EQUIPMENT SUBCONTRACTOR AND INSTALLED BY THE PLUMBING SUBCONTRACTOR.
5. ALL WASTES, DIRECT OR INDIRECT, TO BE FURNISHED AND INSTALLED BY THE PLUMBING SUBCONTRACTOR.

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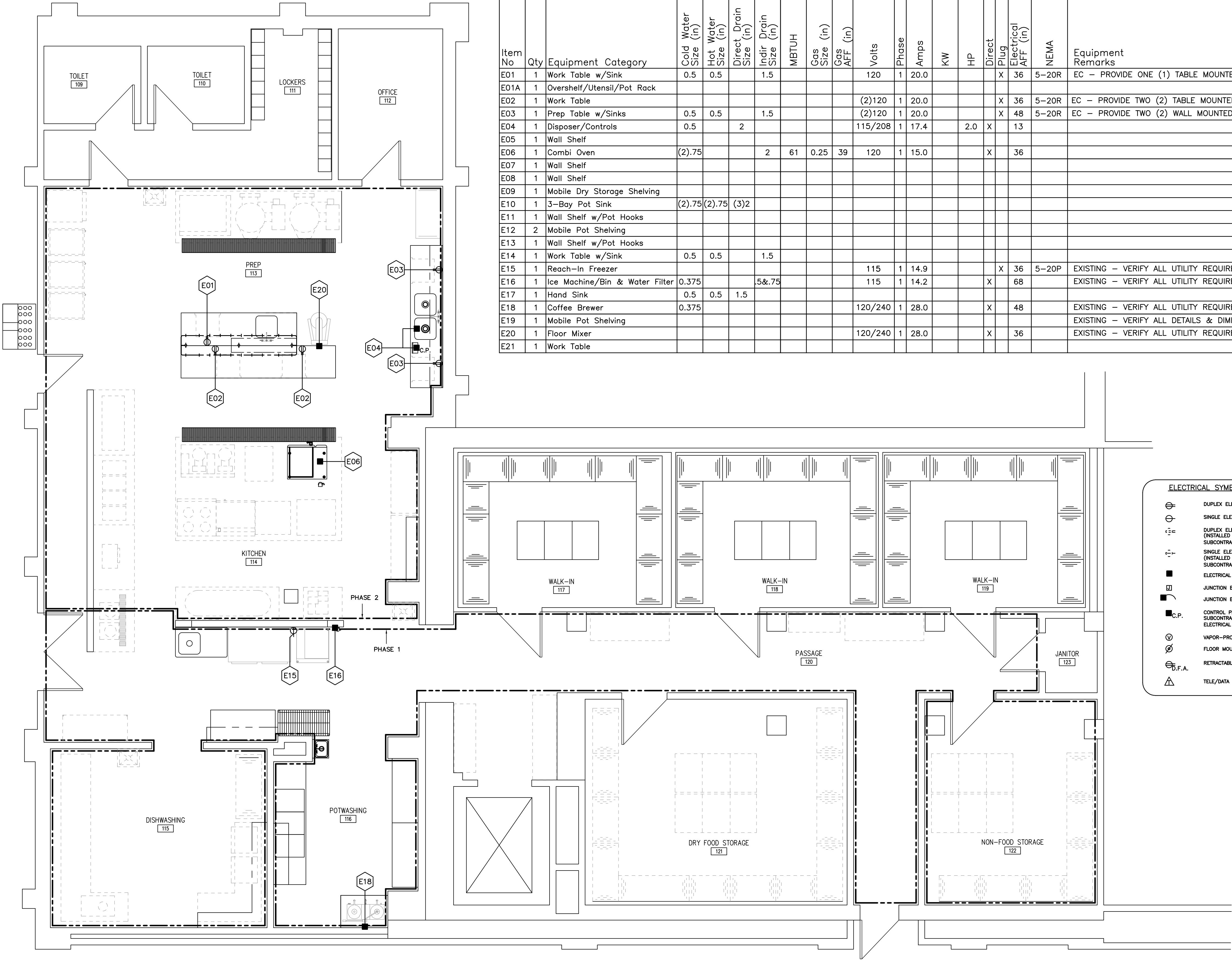
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EQUIPMENT SCHEDULE																		
Item No	Qty	Equipment Category	Cold Water Size (in)	Hot Water Size (in)	Direct Drain Size (in)	Indir Drain Size (in)	MBTUH	Gas Size (in)	Gas AFF (in)	Volts	Phase	Amps	KW	HP	Direct Plug	Electrical AFF (in)	NEMA	Equipment Remarks
E01	1	Work Table w/Sink	0.5	0.5		1.5				120	1	20.0			X	36	5-20R	EC - PROVIDE ONE (1) TABLE MOUNTED CONVENIENCE OUTLET.
E01A	1	Overshelf/Utensil/Pot Rack																
E02	1	Work Table								(2)120	1	20.0			X	36	5-20R	EC - PROVIDE TWO (2) TABLE MOUNTED CONVENIENCE OUTLETS.
E03	1	Prep Table w/Sinks	0.5	0.5		1.5				(2)120	1	20.0			X	48	5-20R	EC - PROVIDE TWO (2) WALL MOUNTED CONVENIENCE OUTLETS.
E04	1	Disposer/Controls	0.5		2					115/208	1	17.4		2.0	X	13		
E05	1	Wall Shelf																
E06	1	Combi Oven	(2).75			2	61	0.25	39	120	1	15.0			X	36		
E07	1	Wall Shelf																
E08	1	Wall Shelf																
E09	1	Mobile Dry Storage Shelving																
E10	1	3-Bay Pot Sink	(2).75	(2).75	(3)2													
E11	1	Wall Shelf w/Pot Hooks																
E12	2	Mobile Pot Shelving																
E13	1	Wall Shelf w/Pot Hooks																
E14	1	Work Table w/Sink	0.5	0.5		1.5												
E15	1	Reach-In Freezer								115	1	14.9			X	36	5-20P	EXISTING - VERIFY ALL UTILITY REQUIREMENTS IN THE FIELD.
E16	1	Ice Machine/Bin & Water Filter	0.375			5&.75				115	1	14.2			X	68		EXISTING - VERIFY ALL UTILITY REQUIREMENTS IN THE FIELD.
E17	1	Hand Sink	0.5	0.5	1.5													
E18	1	Coffee Brewer	0.375							120/240	1	28.0			X	48		EXISTING - VERIFY ALL UTILITY REQUIREMENTS IN THE FIELD.
E19	1	Mobile Pot Shelving																EXISTING - VERIFY ALL DETAILS & DIMENSIONS IN THE FIELD.
E20	1	Floor Mixer								120/240	1	28.0			X	36		EXISTING - VERIFY ALL UTILITY REQUIREMENTS IN THE FIELD.
E21	1	Work Table																

ELECTRICAL SYMBOLS

DUPLEX ELECTRICAL OUTLET (DEO)

SINGLE ELECTRICAL OUTLET (SEO)

DUPLEX ELECTRICAL OUTLET  
(INSTALLED IN EQUIP. BY FOODSERVICE EQUIPMENT  
SUBCONTRACTOR OR MANUFACTURER.)

SINGLE ELECTRICAL OUTLET  
(INSTALLED IN EQUIP. BY FOODSERVICE EQUIPMENT  
SUBCONTRACTOR OR MANUFACTURER.)

ELECTRICAL CONNECTION

JUNCTION BOX INSTALLED BY ELECTRICIAN

JUNCTION BOX W/ FINAL CONNECTION TO EQUIPMENT

C.P.  
CONTROL PANEL BY FOODSERVICE EQUIPMENT  
SUBCONTRACTOR / INTERCONNECTED BY  
ELECTRICAL SUBCONTRACTOR

VAPOR-PROOF LIGHT FIXTURE

FLOOR MOUNTED RECEPTACLE

R.F.A.  
RETRACTABLE RECEPTACLE (DOWN FROM ABOVE)

TELE/DATA

ISSUED FOR  
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architecture  
engineering  
management

pittsfield, ma  
unionville, ct

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team@edm-ae.com

consultants:

design by:

checked by:

approved by:

Taunton State  
Hospital  
Food Service  
Improvements  
EHS1801-TR1  
60 hodge avenue  
taunton, ma 02780

project north


Food Service  
Electrical Plan and  
Utility Schedule

12.06.17

project number  
dcm-4163

1/4" = 1'-0"

drawing number

K-104



A

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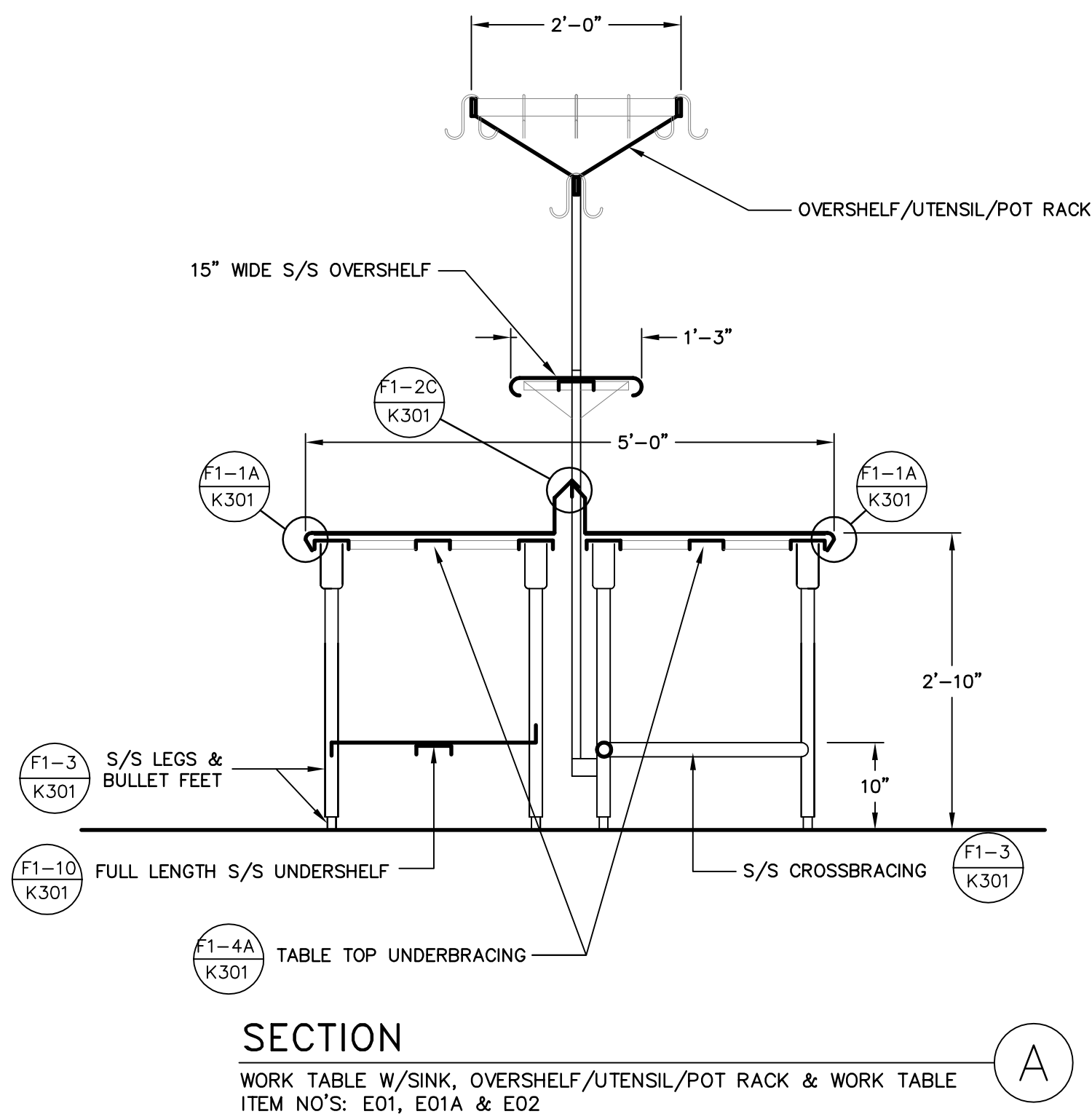
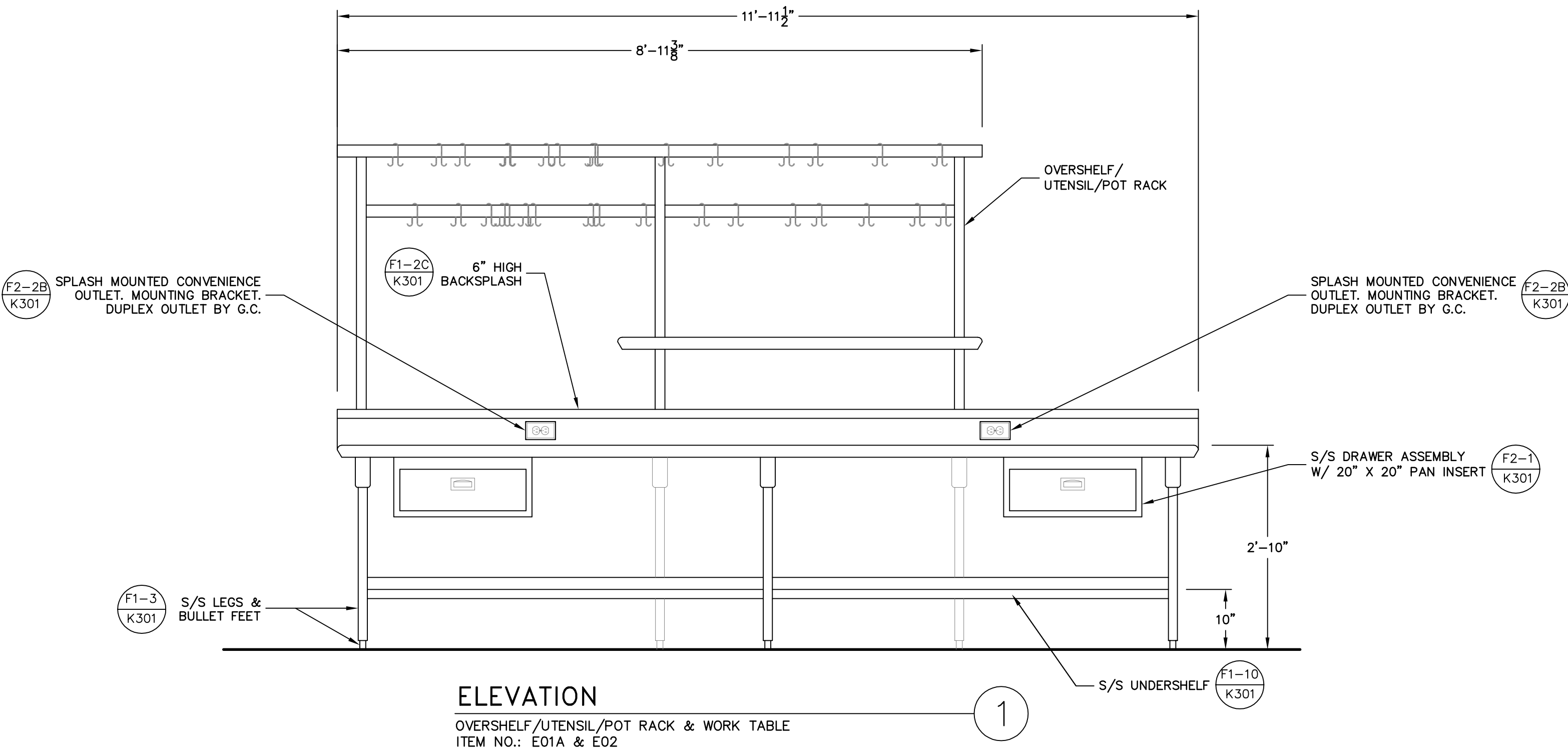
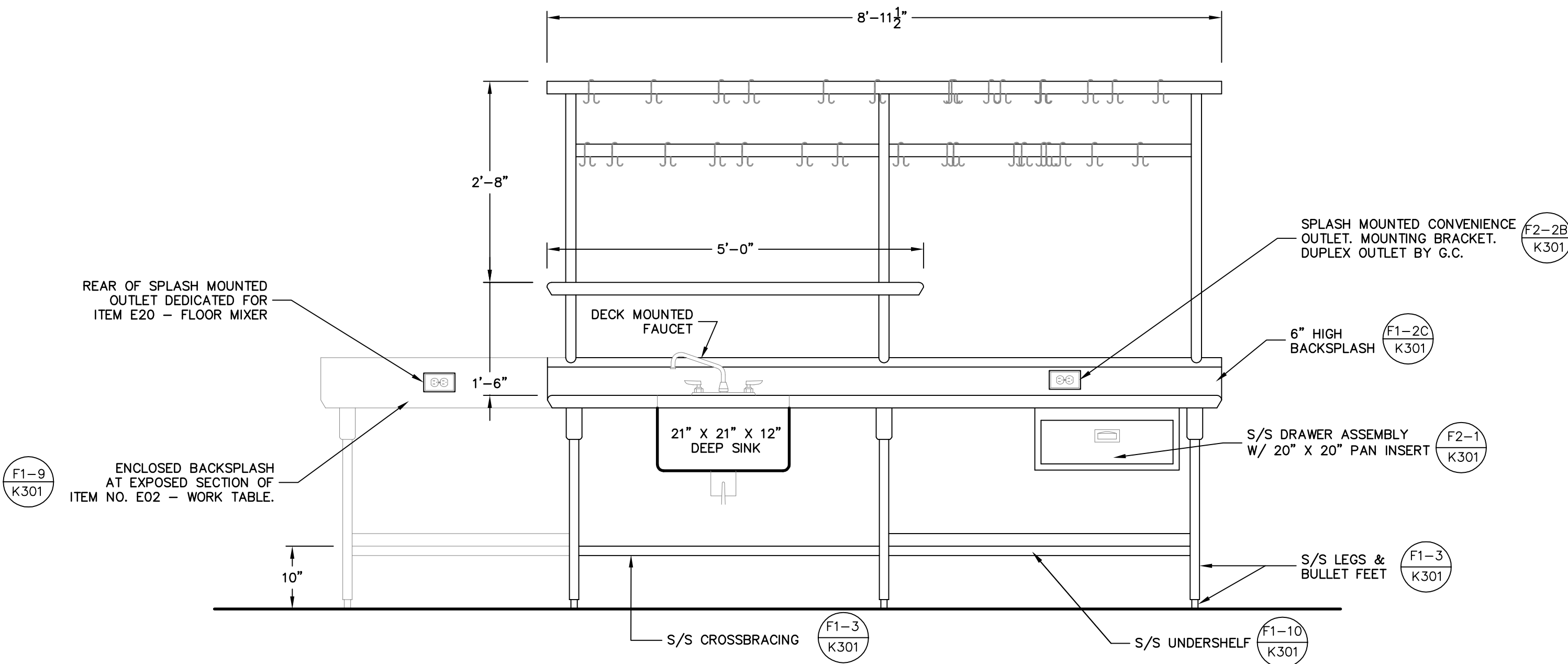
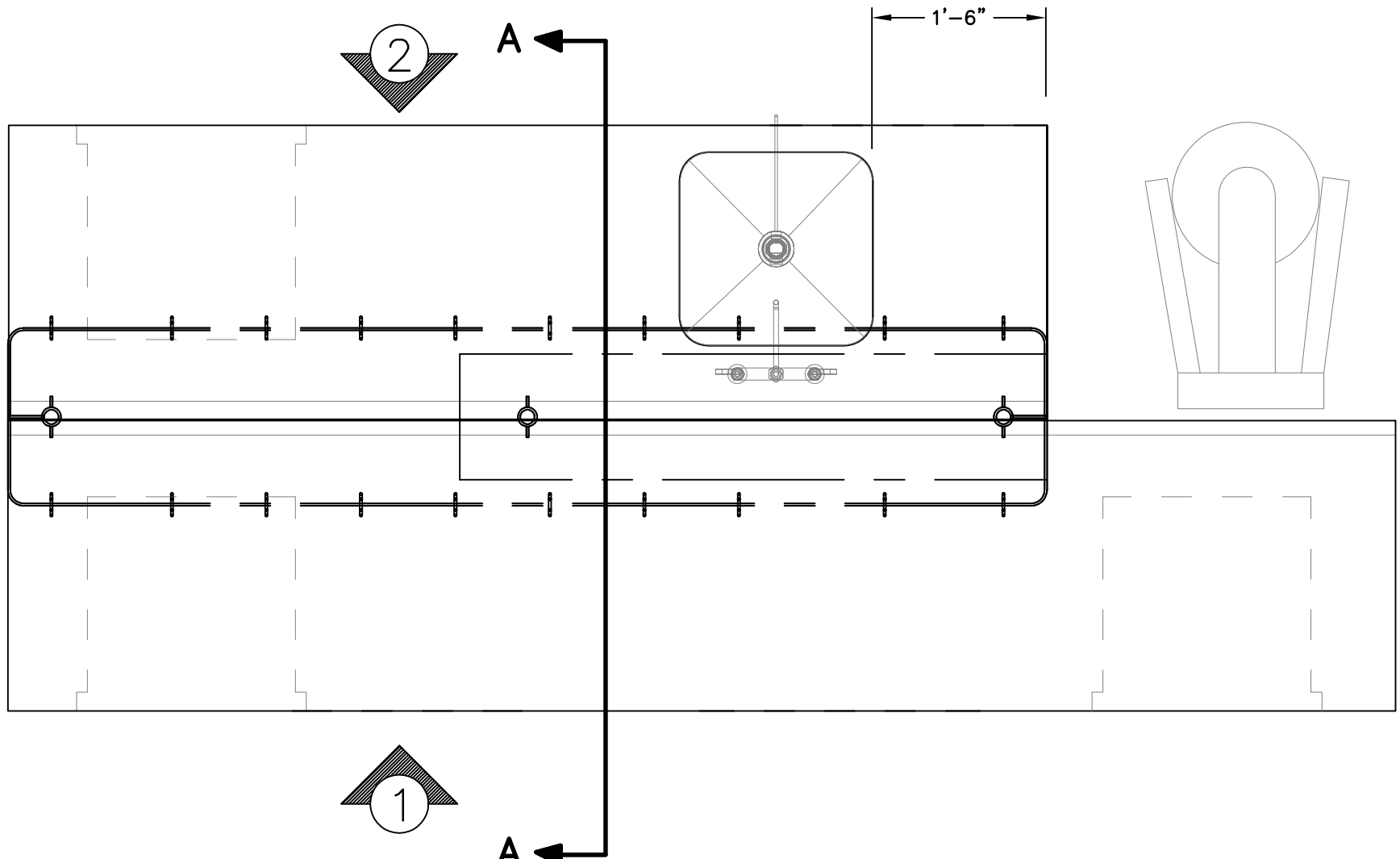
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Taunton State  
Hospital  
Food Service  
Improvements  
EHS1801-TR1

60 hodge avenue  
taunton, ma 02780

revision:



NO.	DATE	REVISION

Food Service  
Fabrication Drawings

12.06.17

project number  
dcm-4163

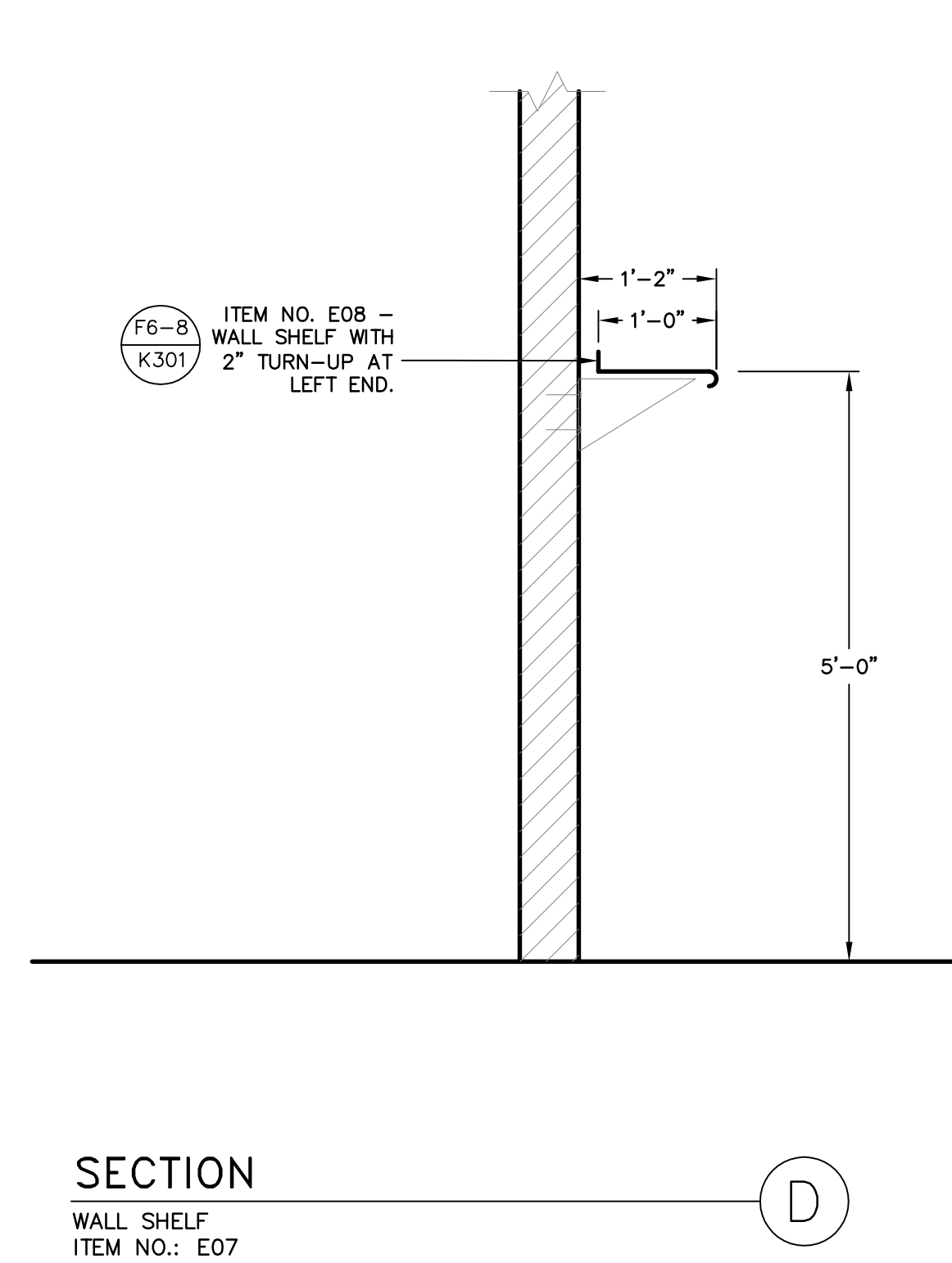
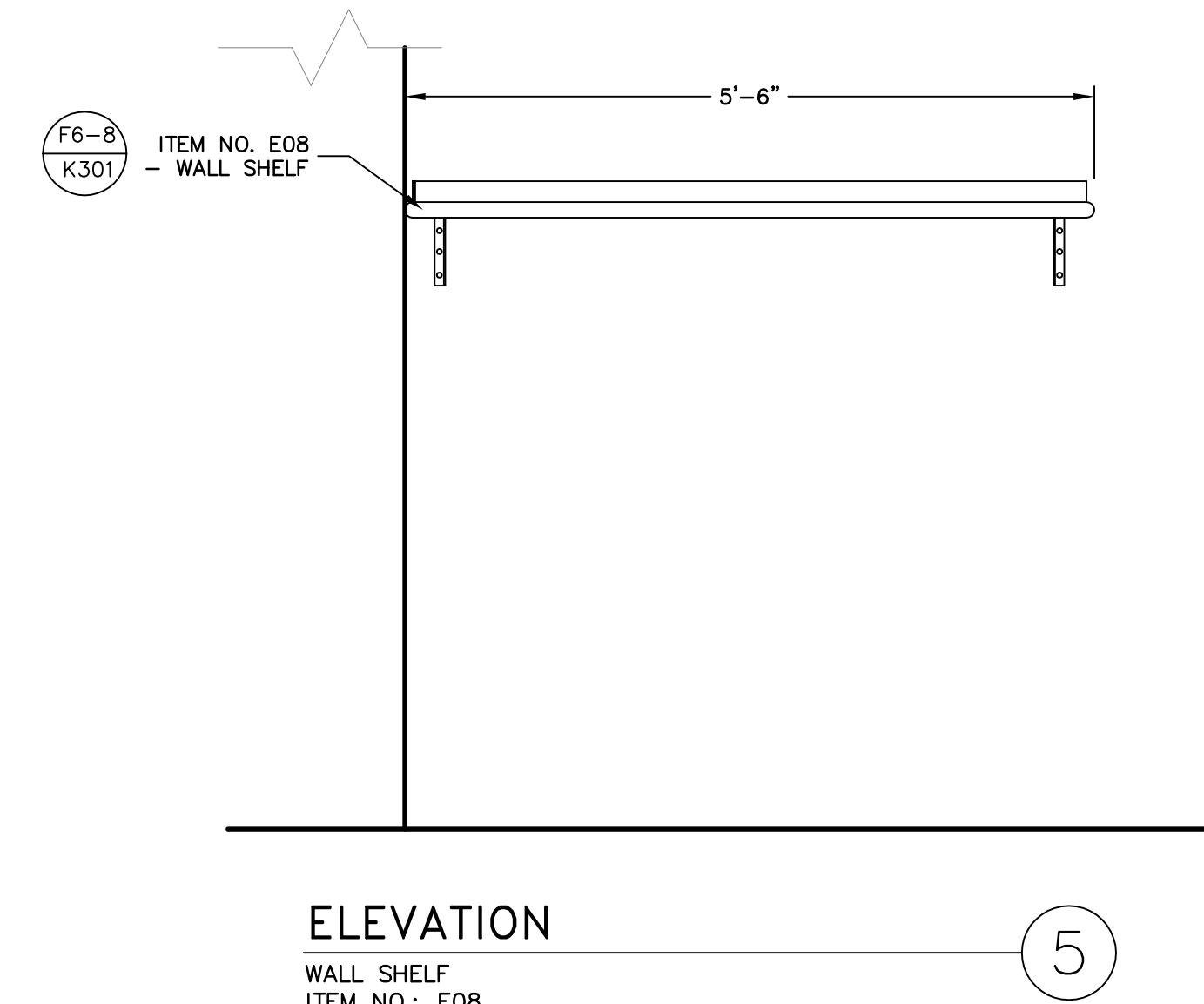
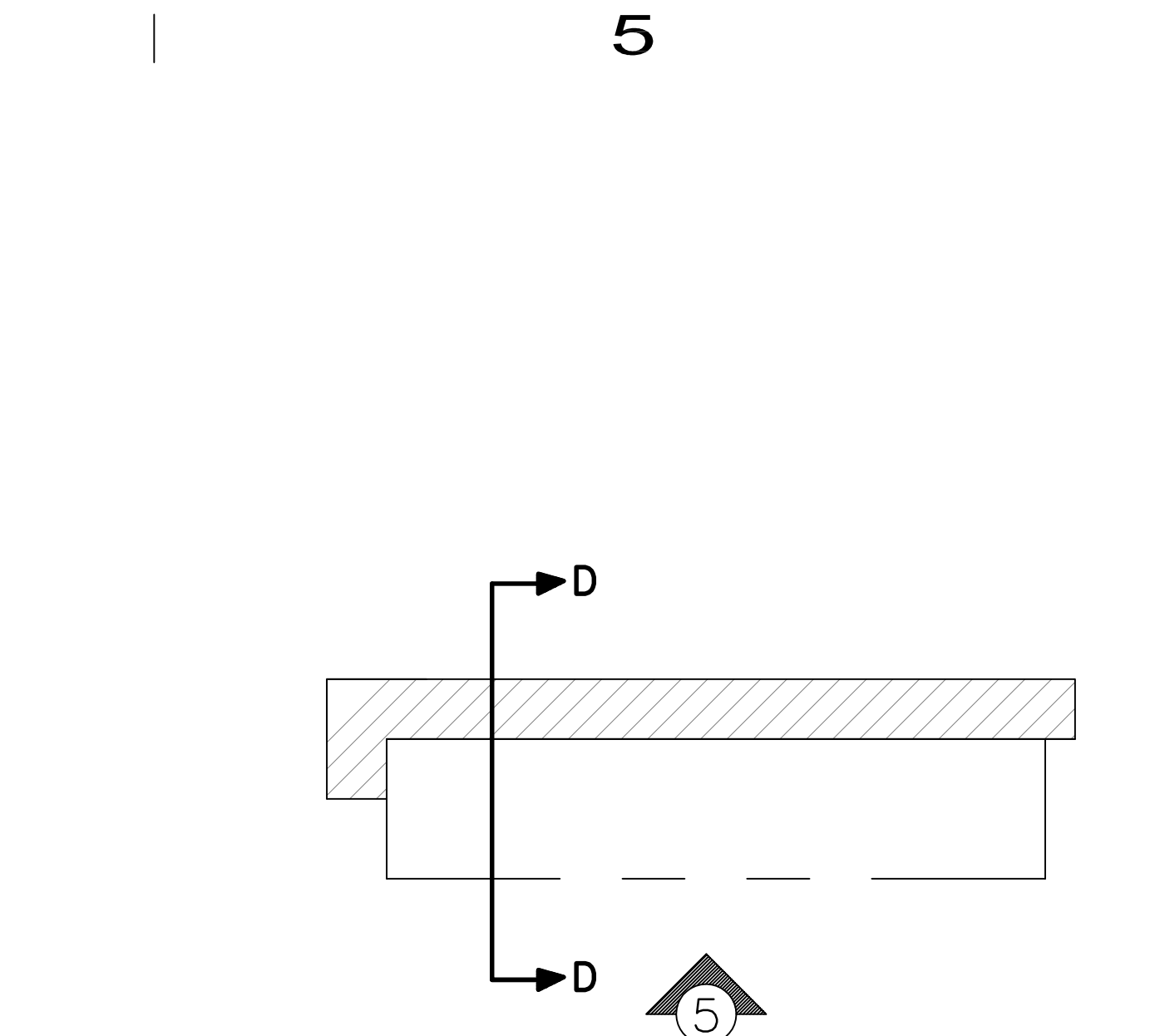
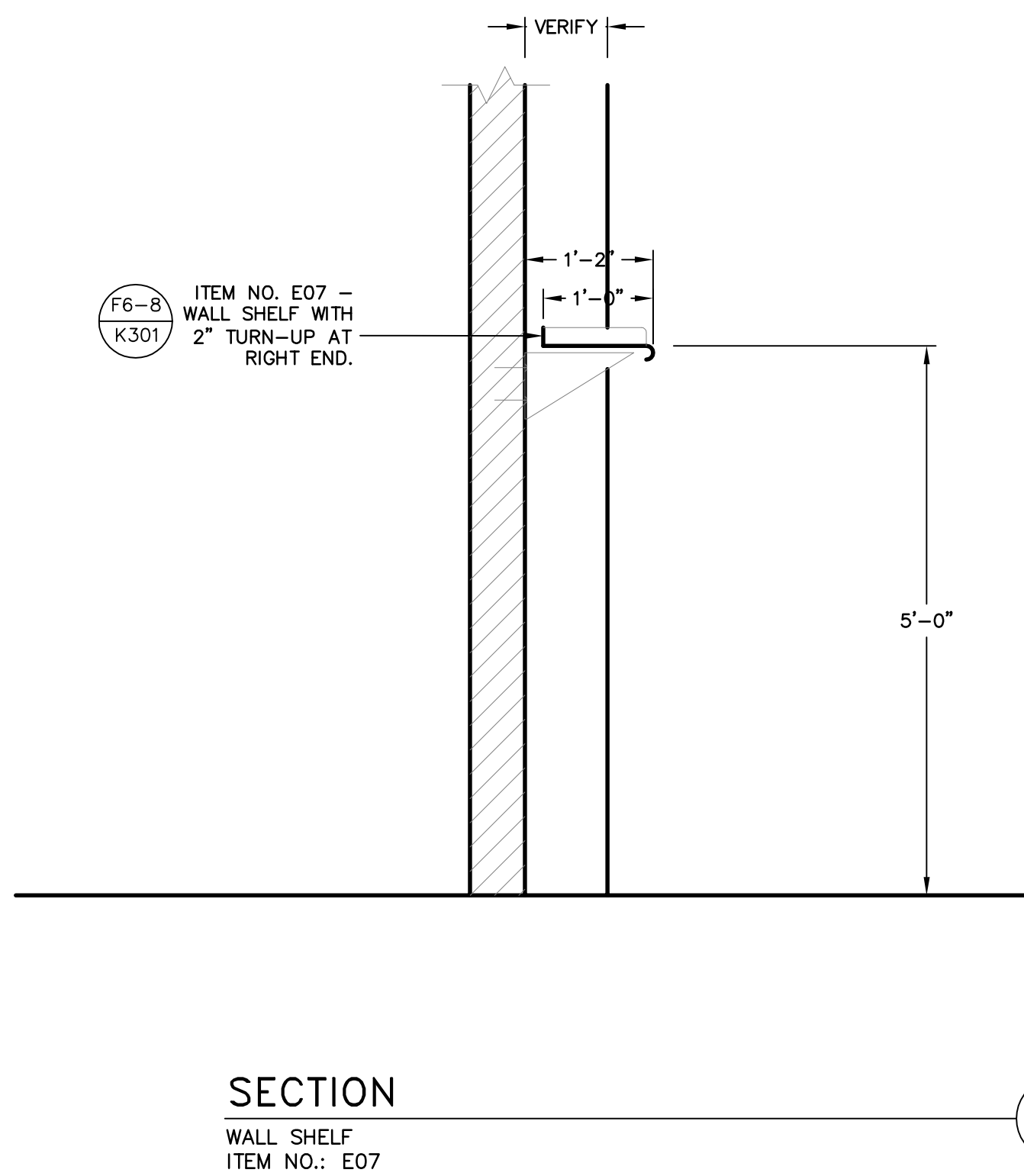
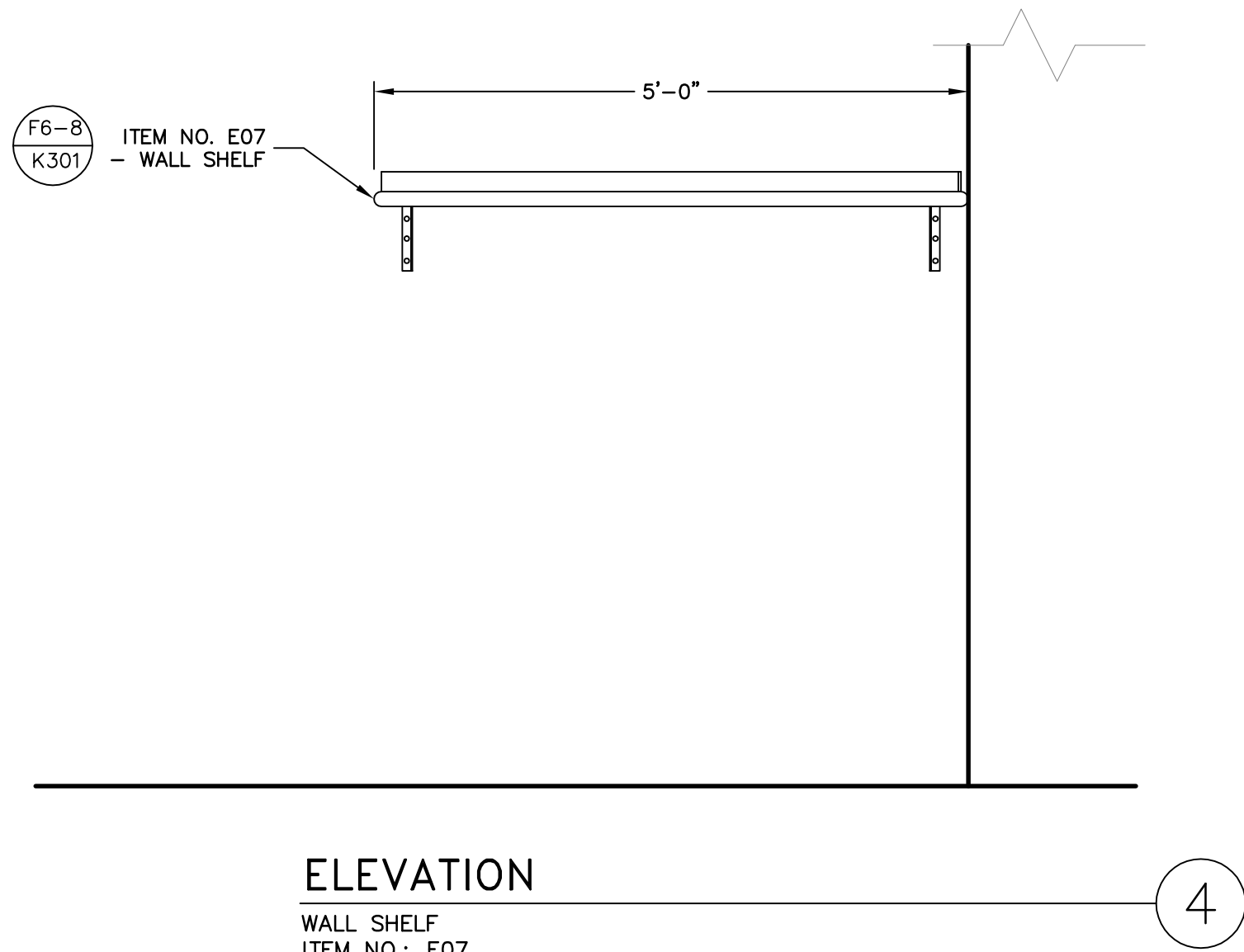
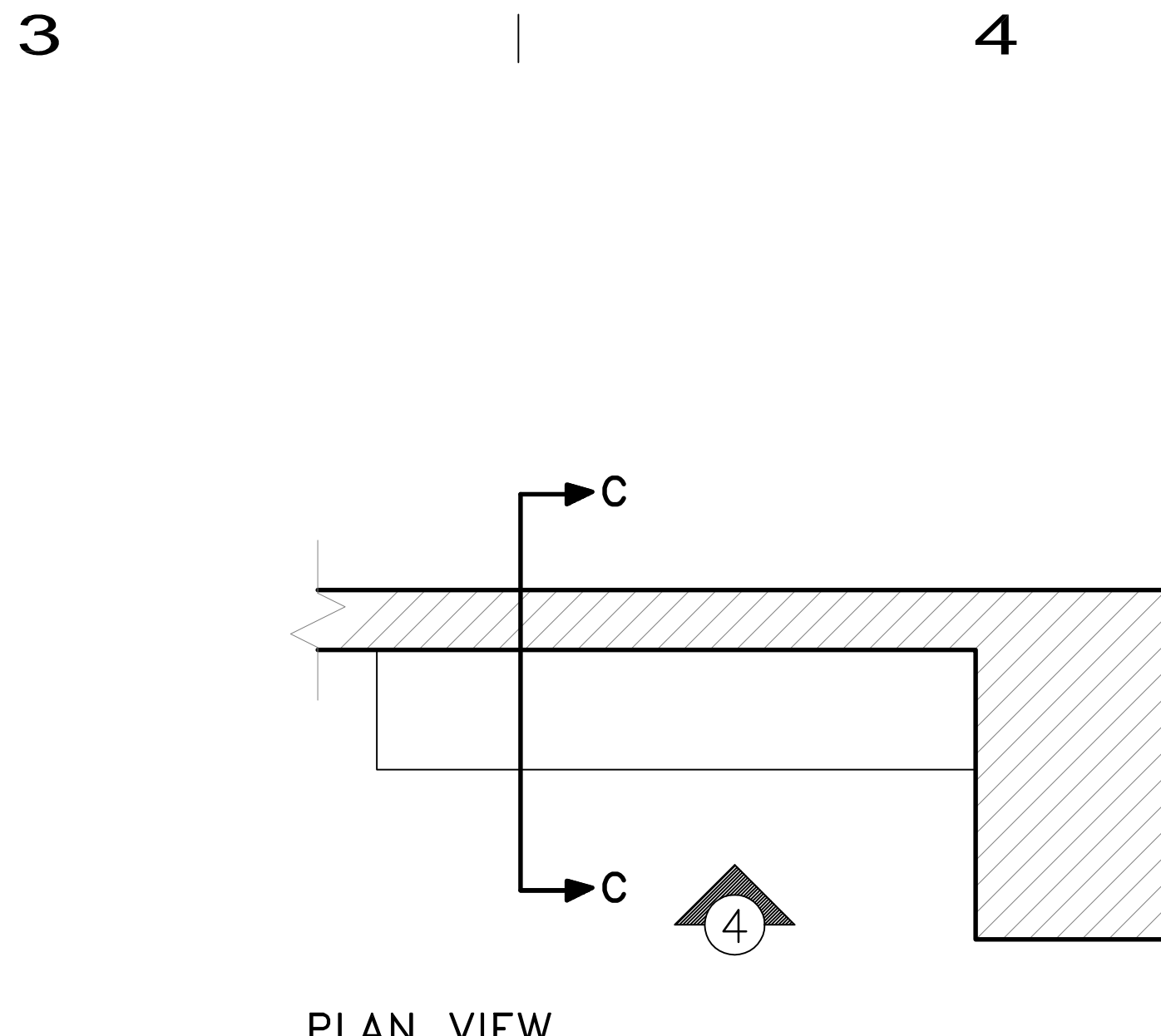
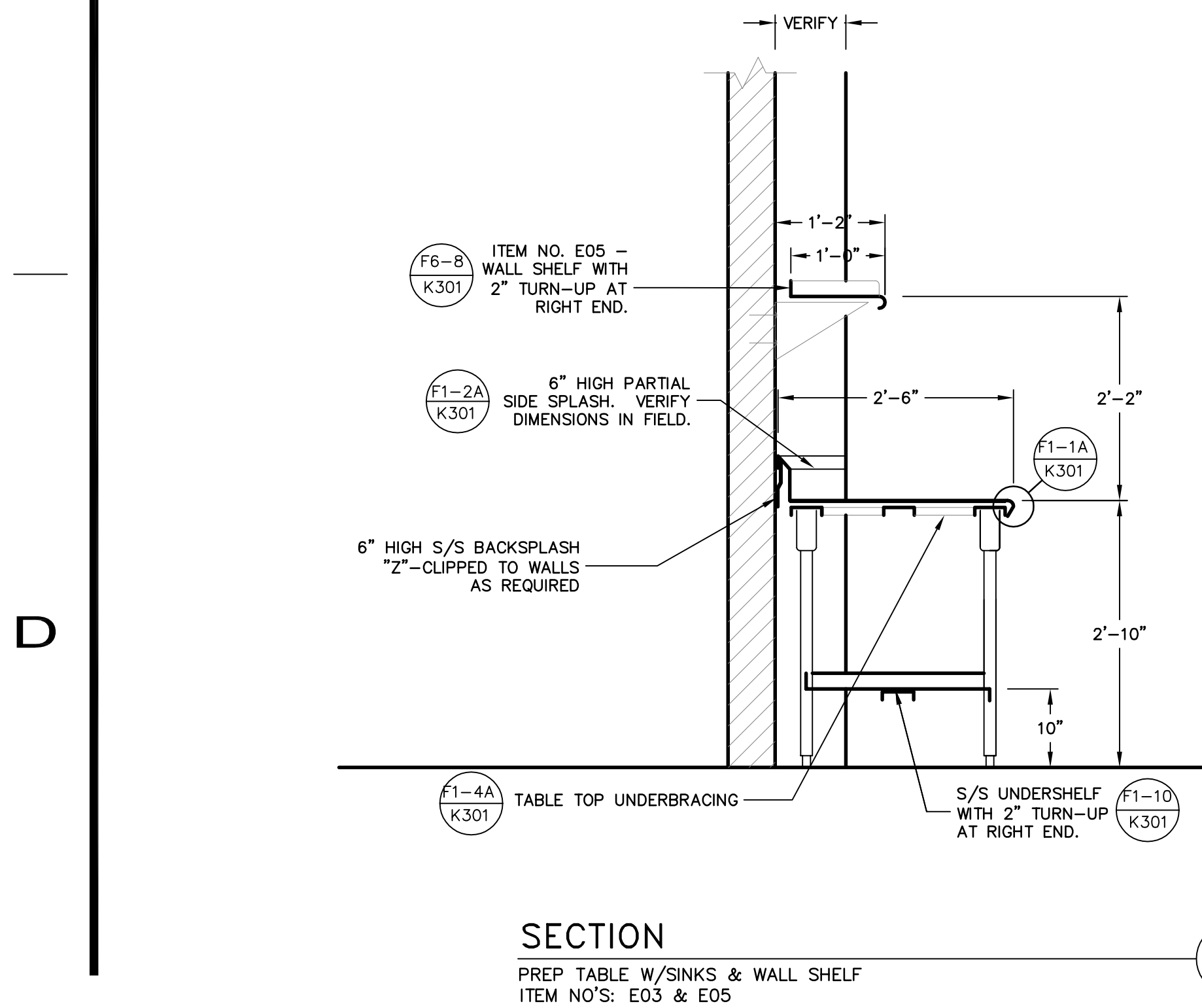
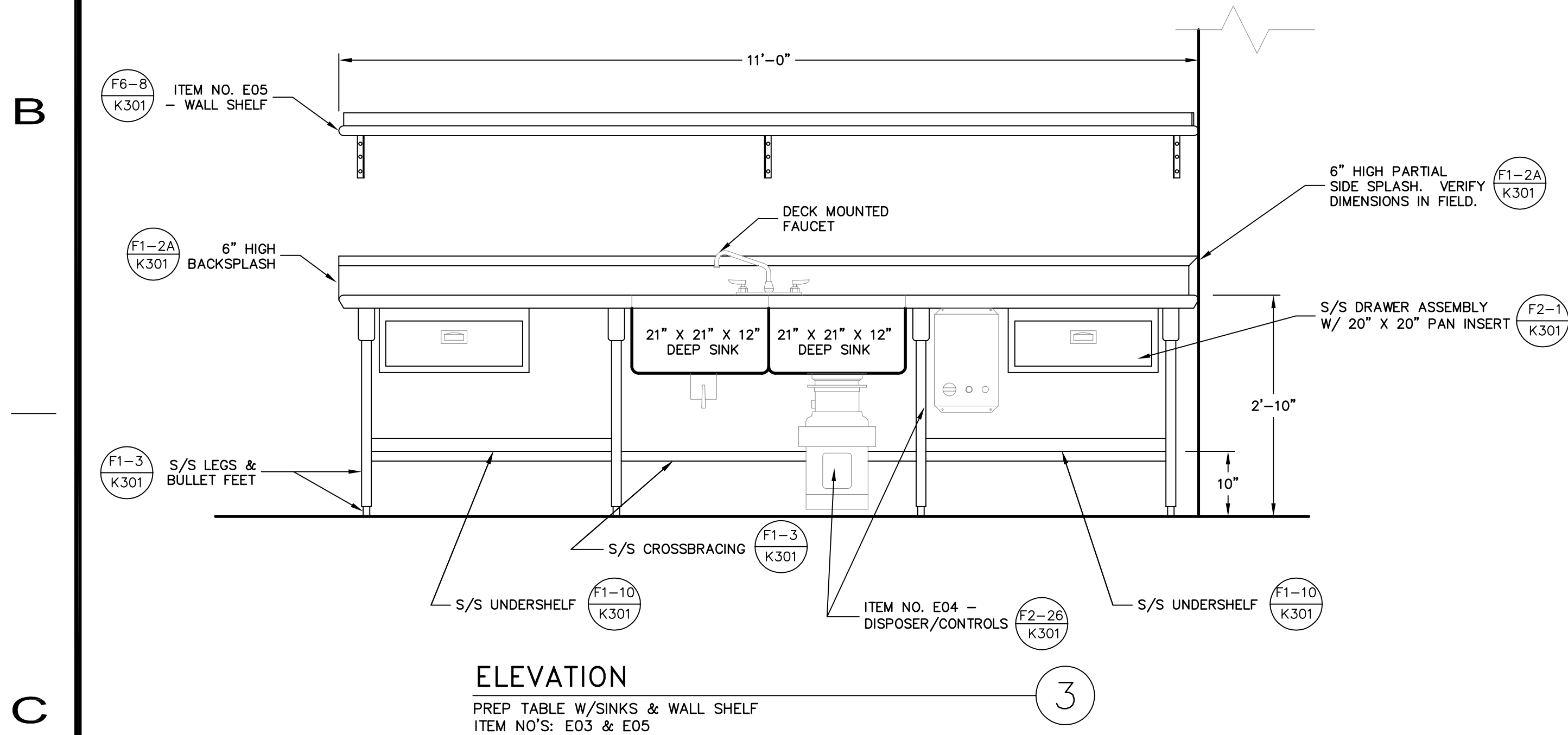
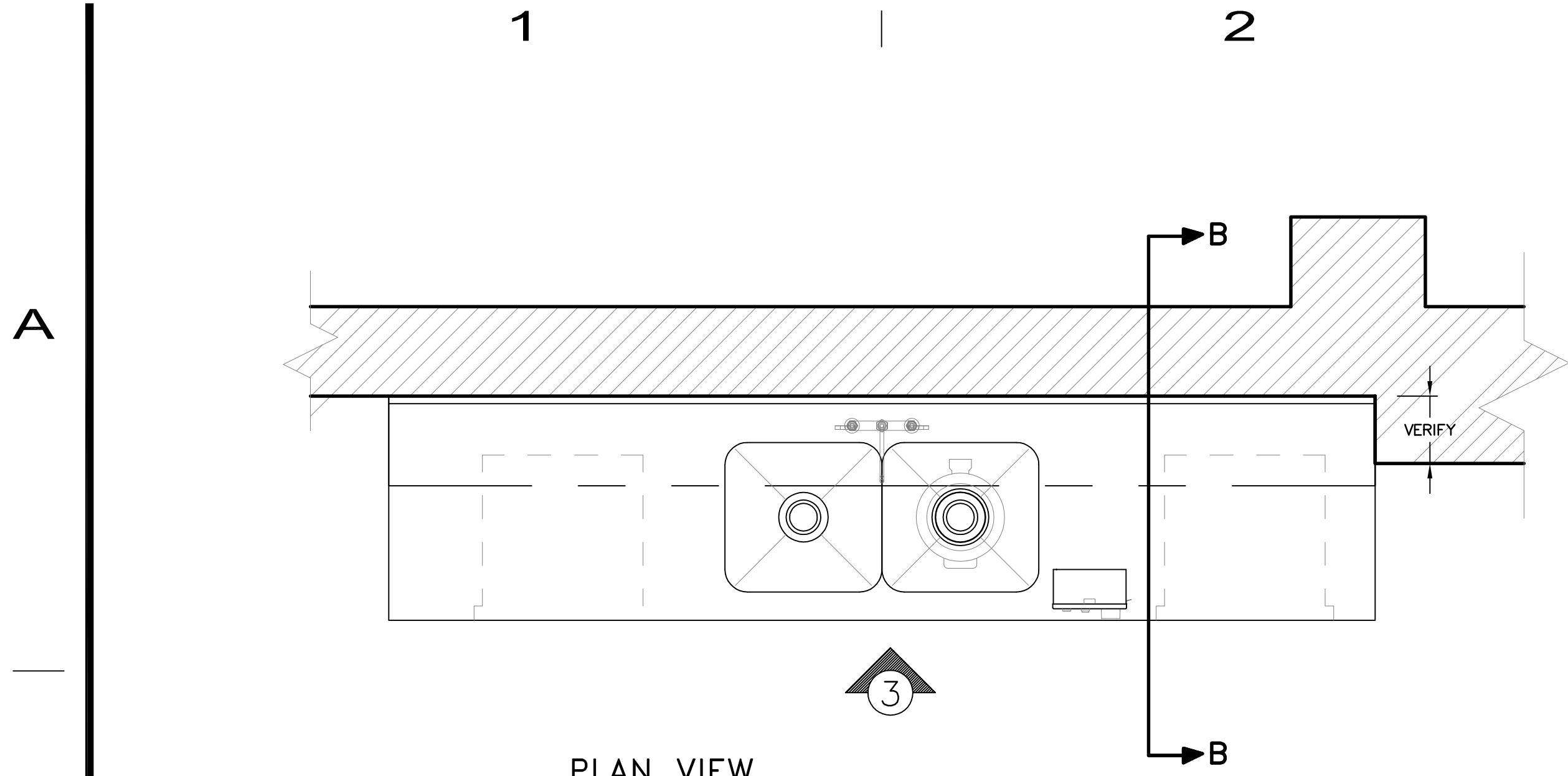
3/4" = 1'-0"

drawing number

K-201

ISSUED FOR  
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NOT TO BE USED FOR CONSTRUCTION





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unionville, ct  
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team@edm-ae.com

consultants:  
design by:  
drawn by:  
checked by:  
approved by:

Taunton State  
Hospital  
Food Service  
Improvements  
EHS1801-TR1  
60 hodge avenue  
taunton, ma 02780

project north


Food Service  
Fabrication Drawings

12.06.17  
project number  
dcm-4163  
3/4" = 1'-0"  
drawing number

K-202



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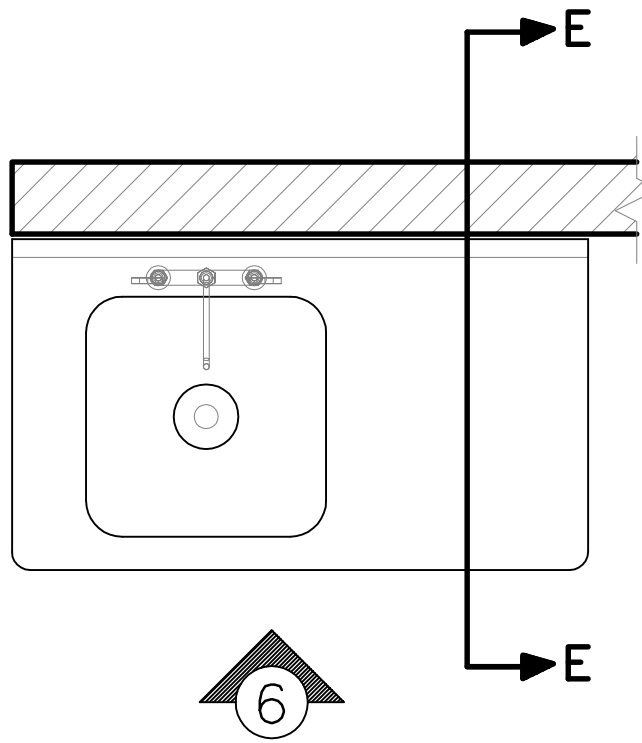
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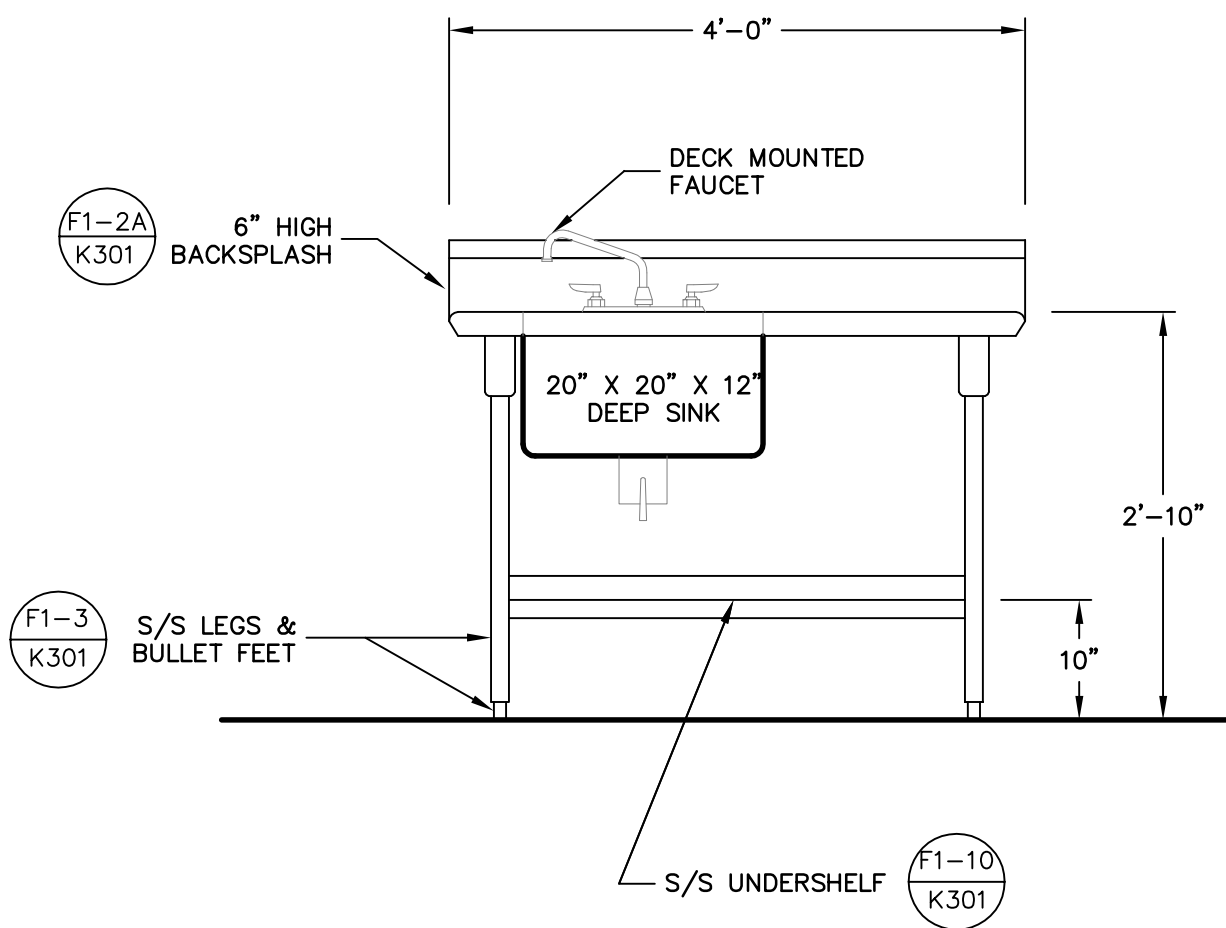
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PLAN VIEW

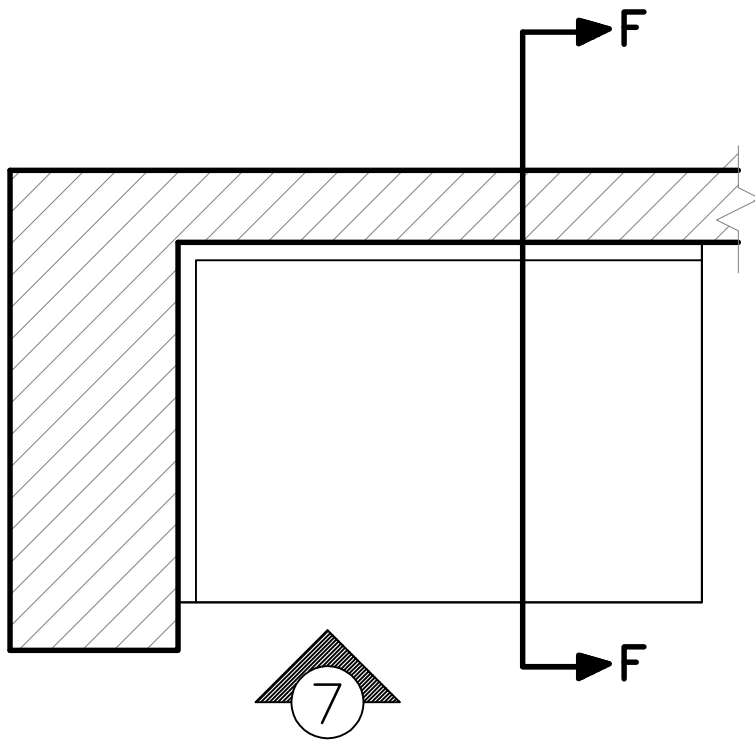
WORK TABLE W/SINK  
ITEM NO.: E14



ELEVATION

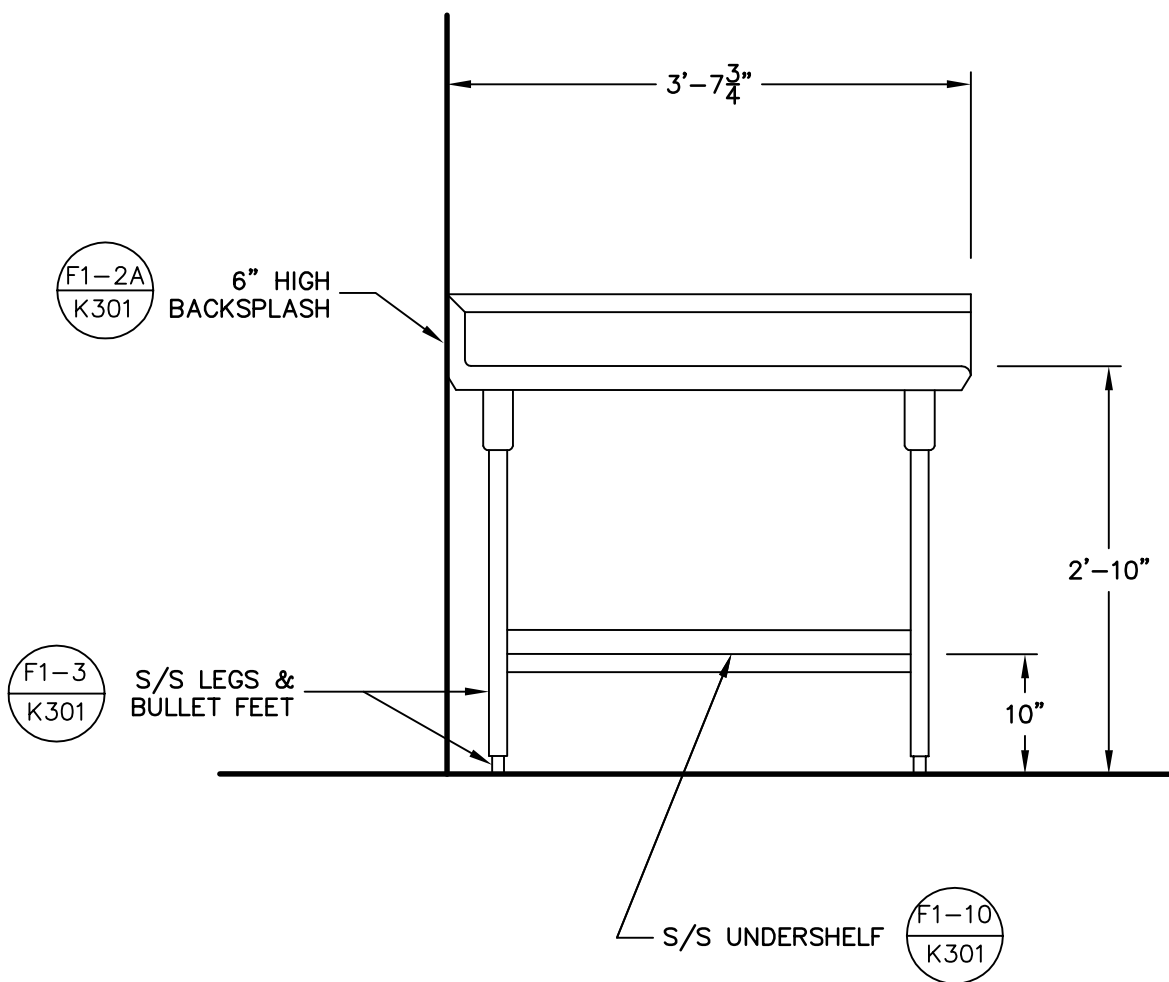
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6



PLAN VIEW

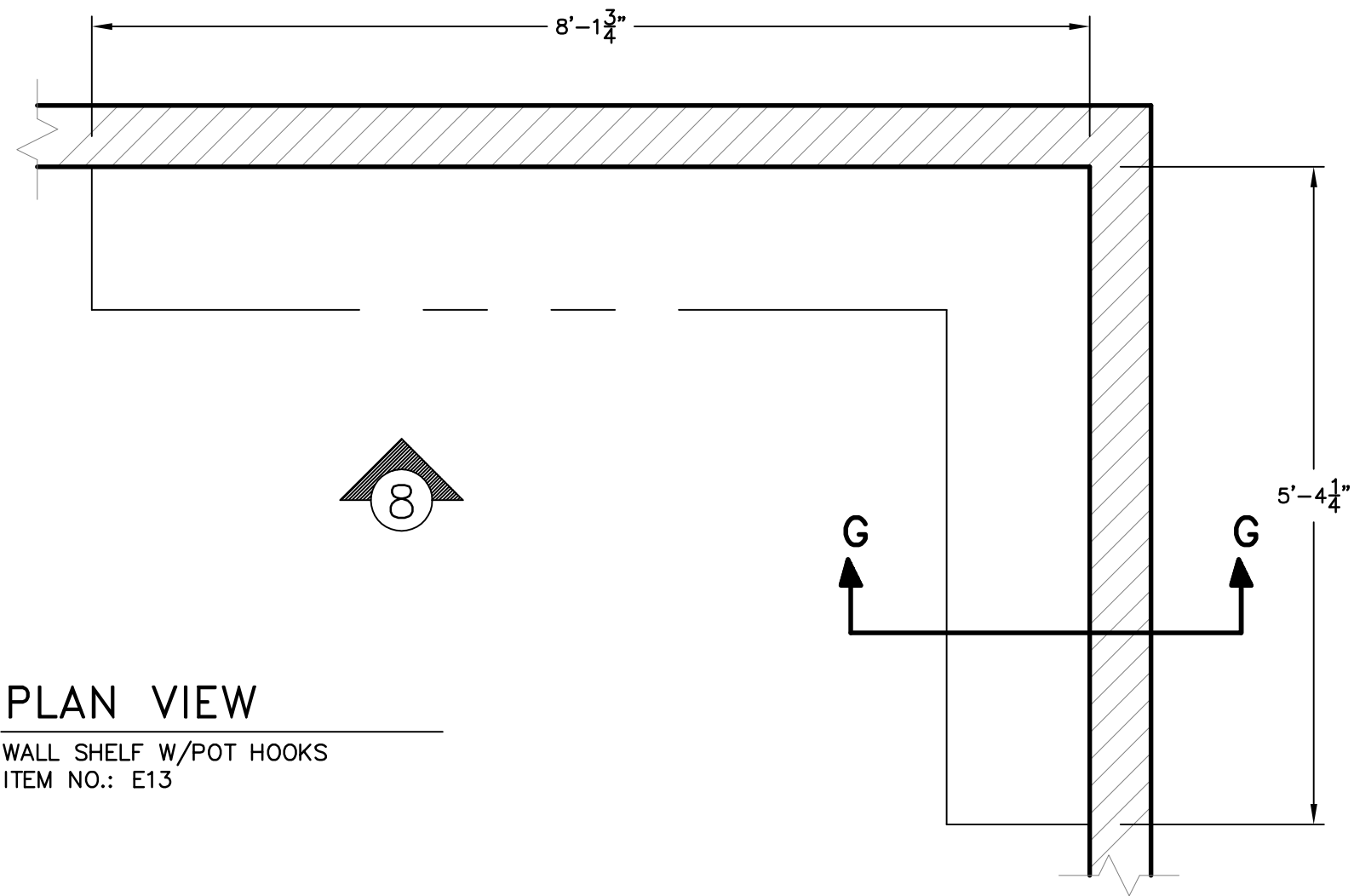
WORK TABLE  
ITEM NO.: E21



ELEVATION

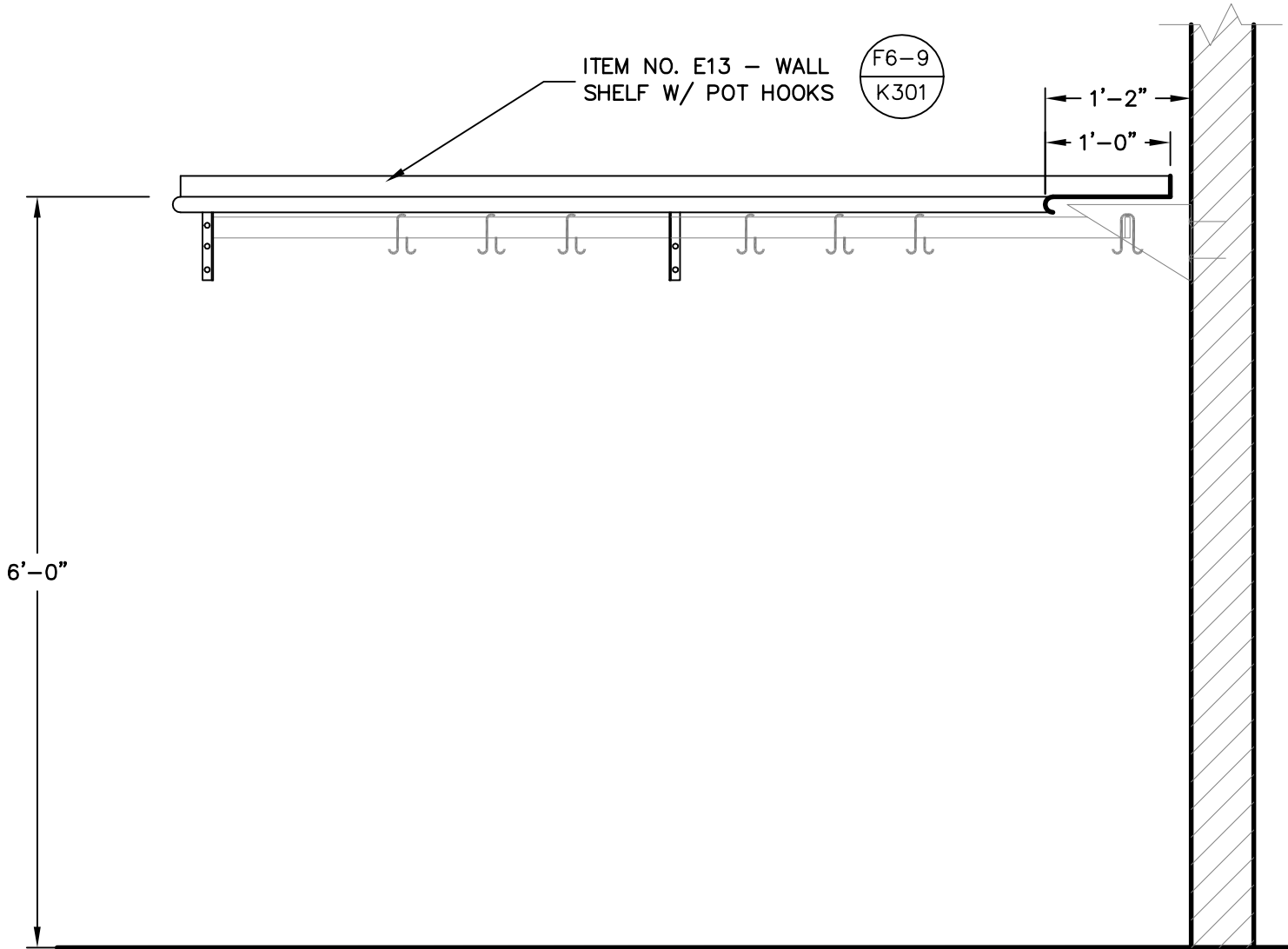
WORK TABLE  
ITEM NO.: E21

7



PLAN VIEW

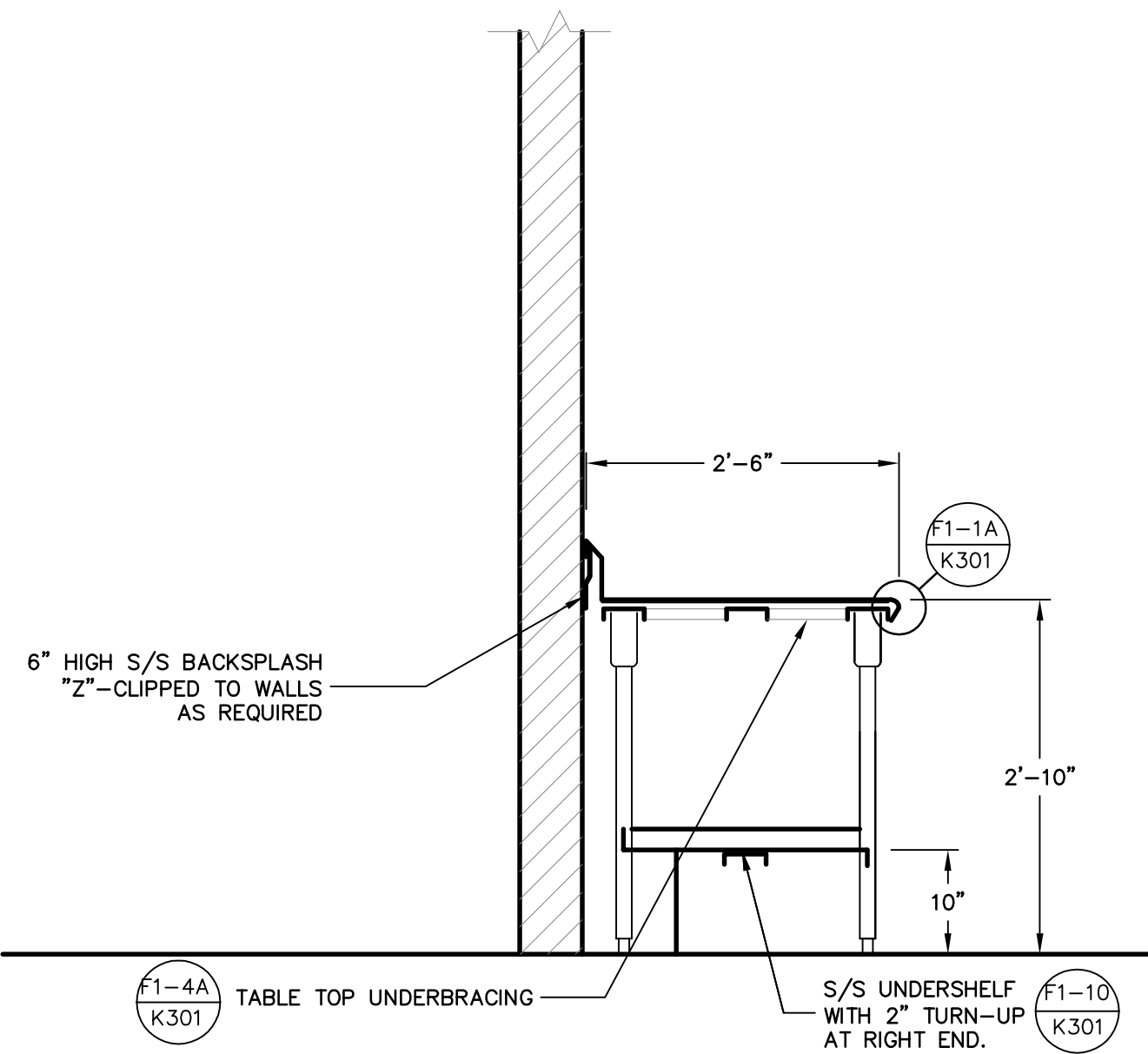
WALL SHELF W/POT HOOKS  
ITEM NO.: E13



ELEVATION/SECTION

WALL SHELF W/POT HOOKS  
ITEM NO.: E13

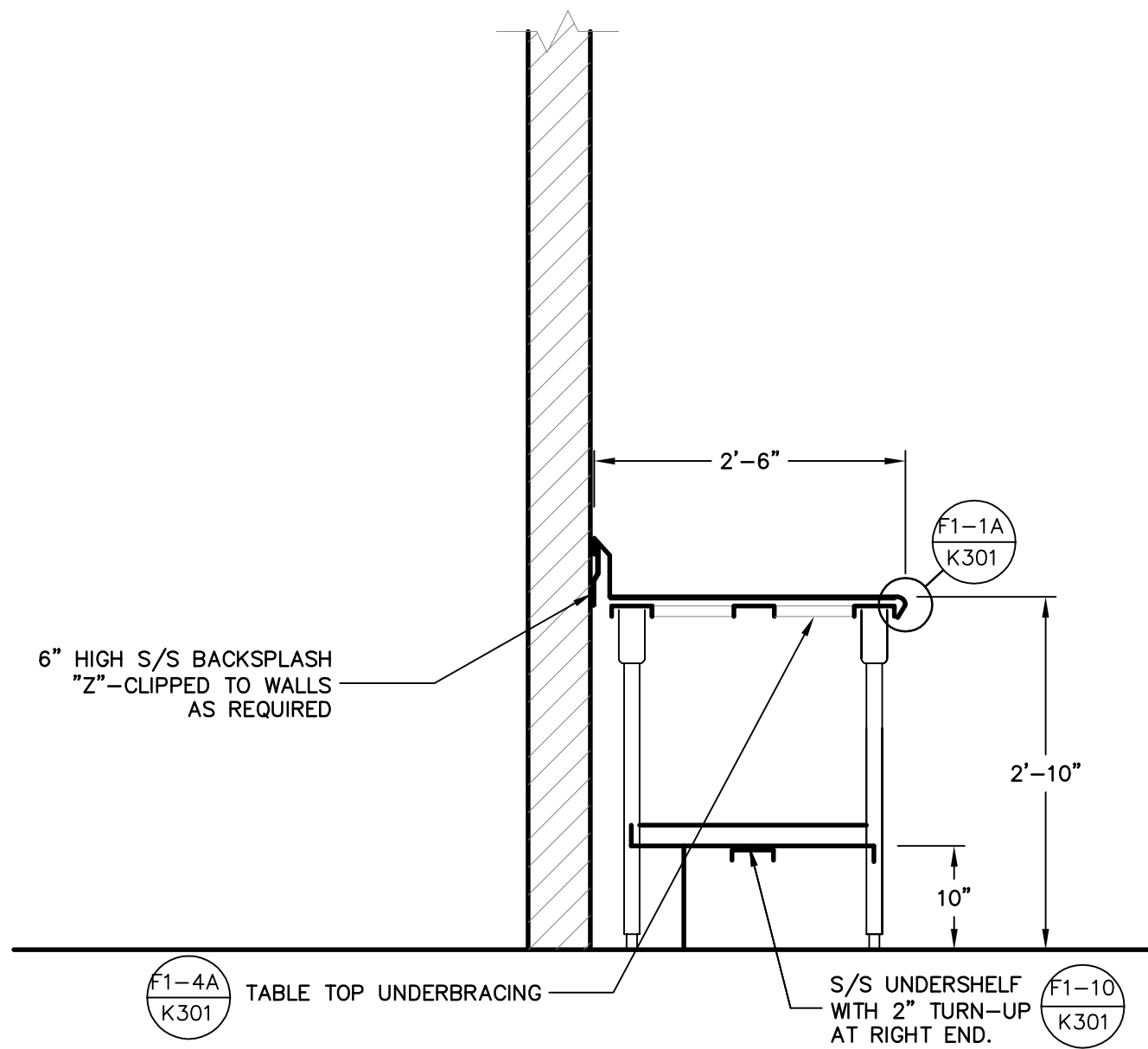
8



ELEVATION

WORK TABLE W/SINK  
ITEM NO.: E14

E



ELEVATION

WORK TABLE  
ITEM NO.: E21

F

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architecture  
engineering  
management

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consultants:

design by:

checked by:

approved by:

Taunton State  
Hospital  
Food Service  
Improvements  
EHS1801-TR1

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revisions:



NO.	DATE	DESCRIPTION

Food Service  
Fabrication Drawings

12.06.17

project number  
dcm-4163

3/4" = 1'-0"

drawing number

K-203

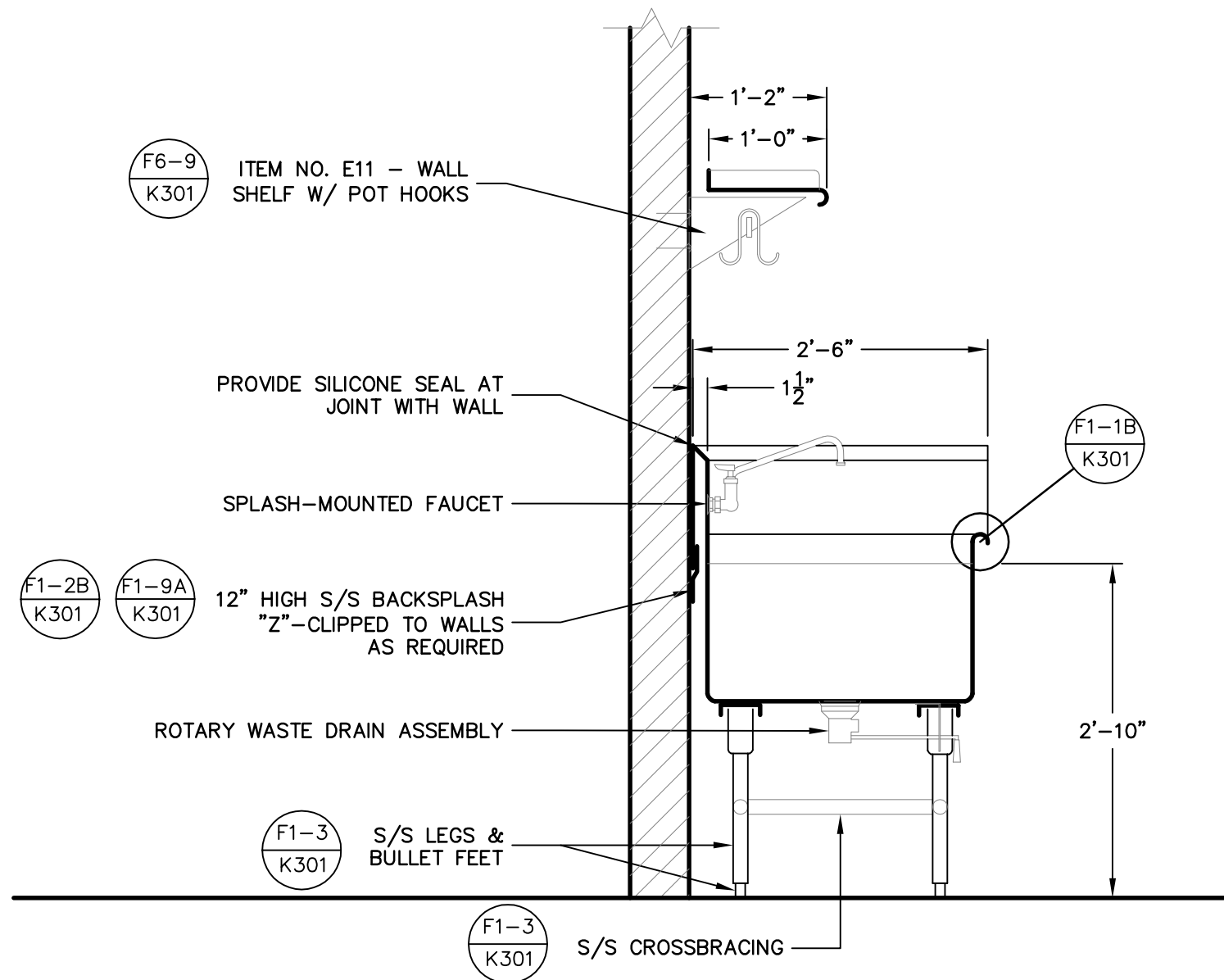
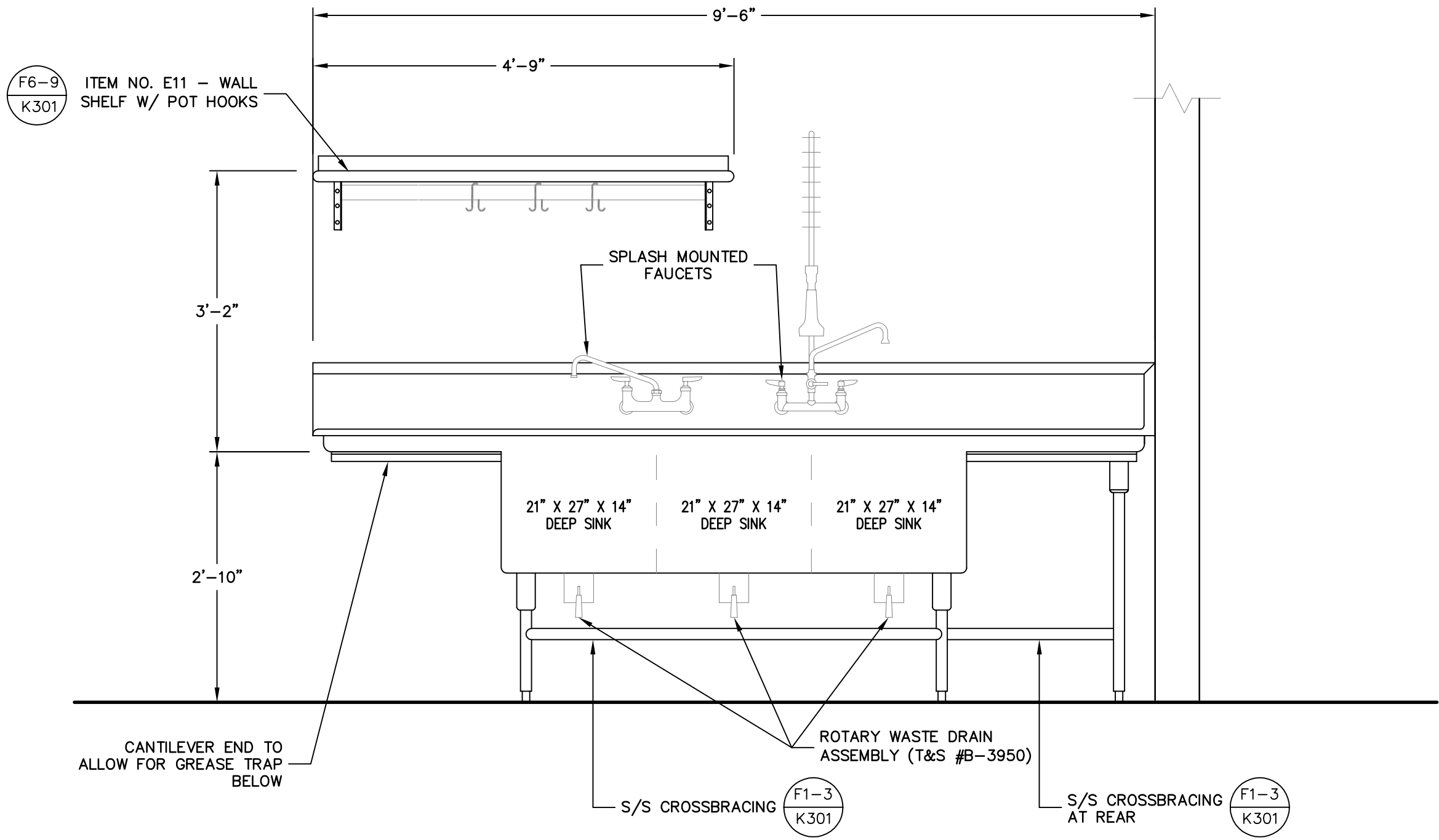
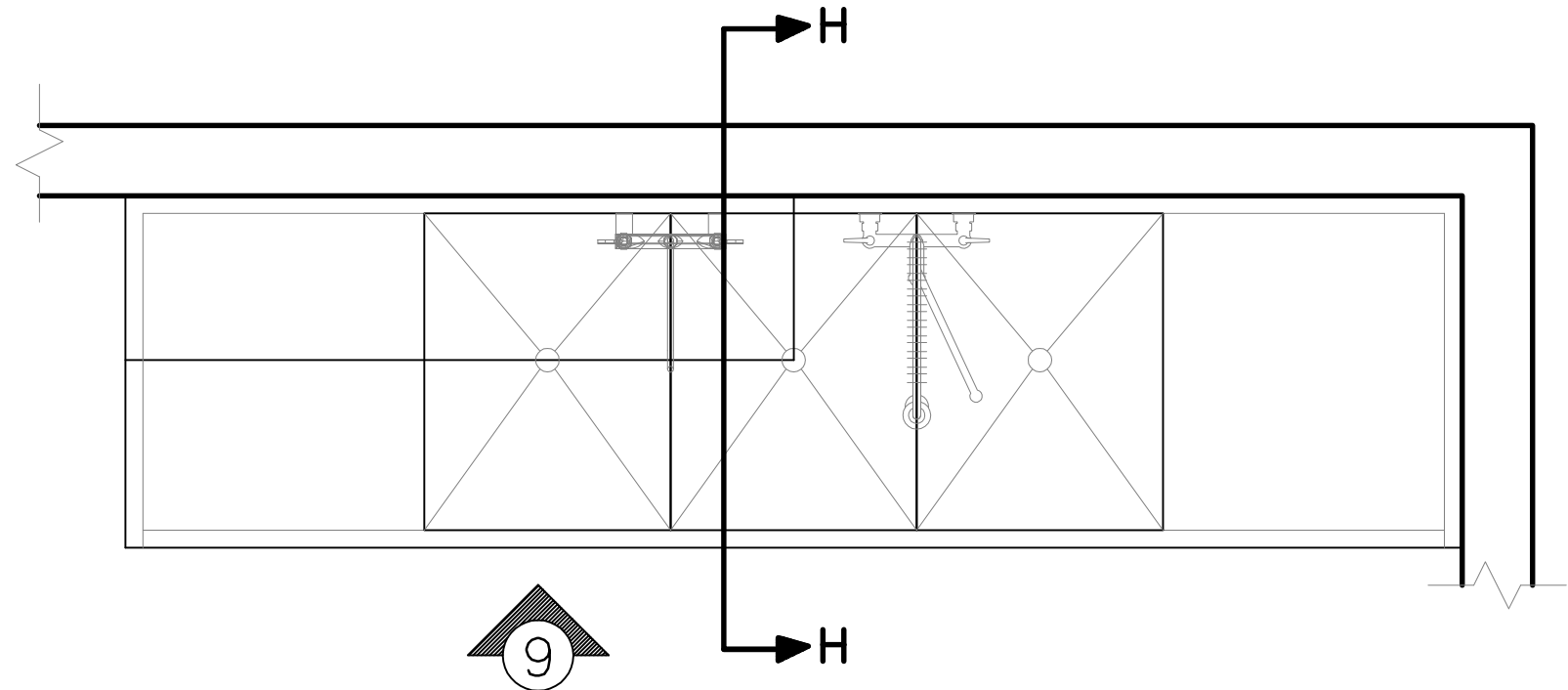
A

B

C

D

1 | 2 | 3 | 4 | 5



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consultants:

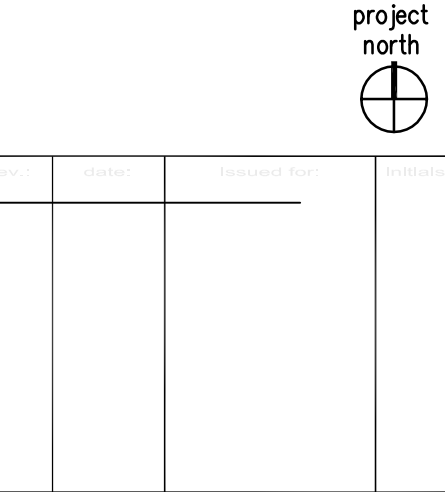
design by: \_\_\_\_\_ drawn by: \_\_\_\_\_

checked by: \_\_\_\_\_

approved by: \_\_\_\_\_

Taunton State  
Hospital  
Food Service  
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Food Service  
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12.06.17

project number  
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3/4" = 1'-0"

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K-204

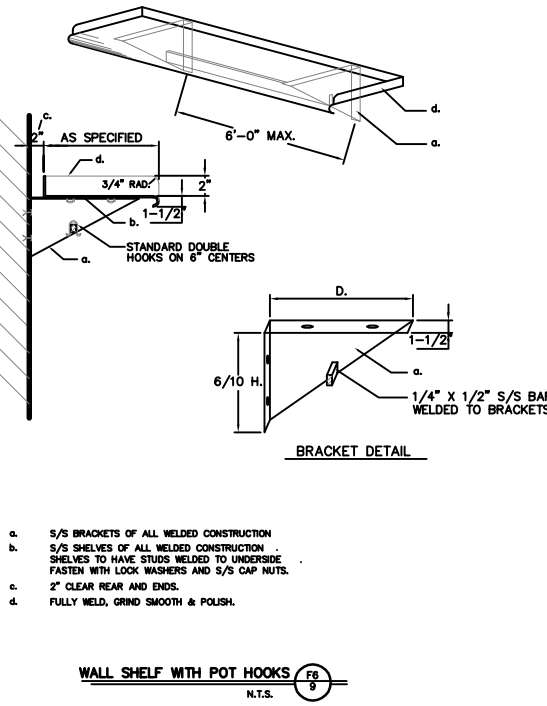
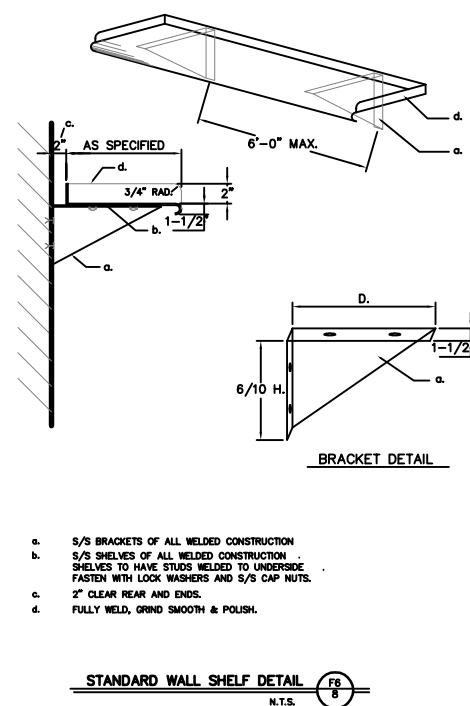
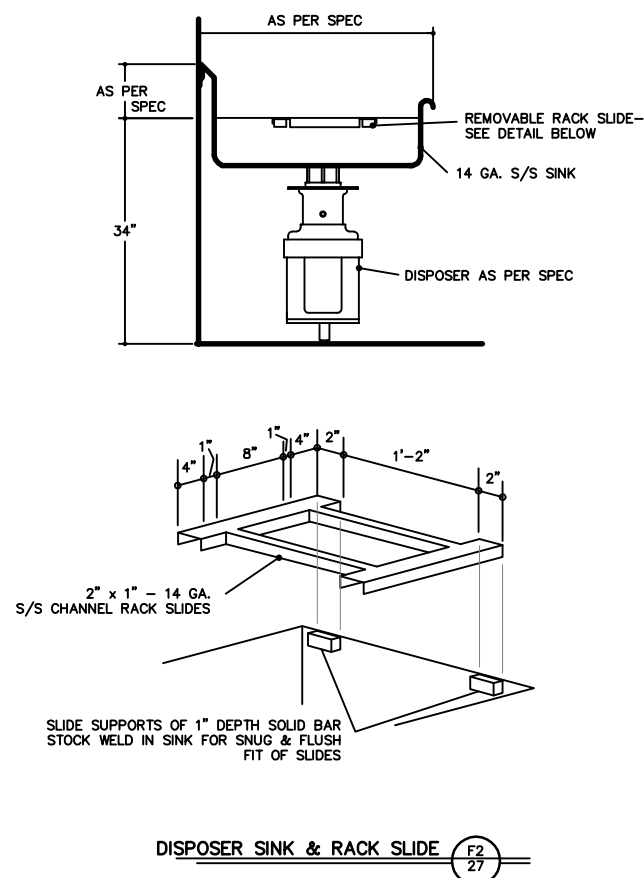
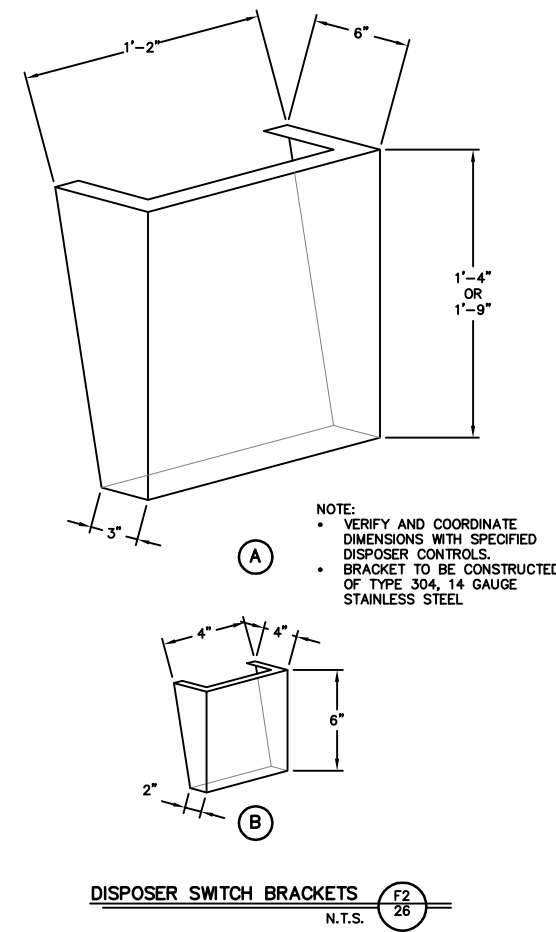
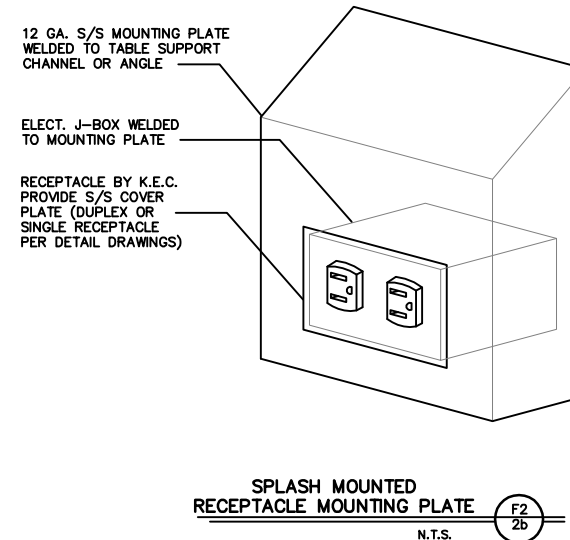
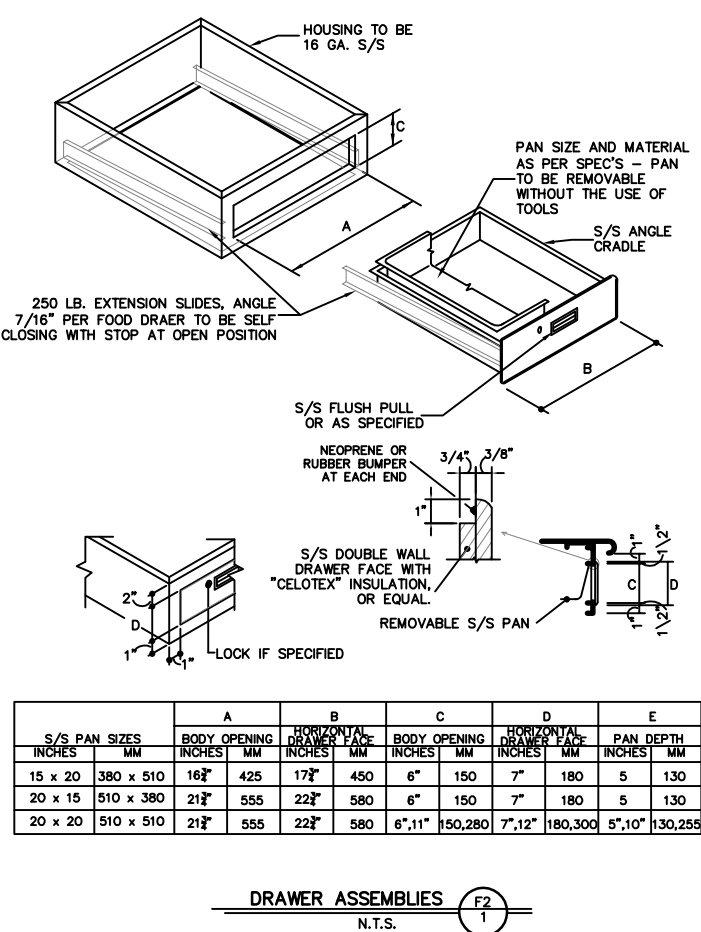
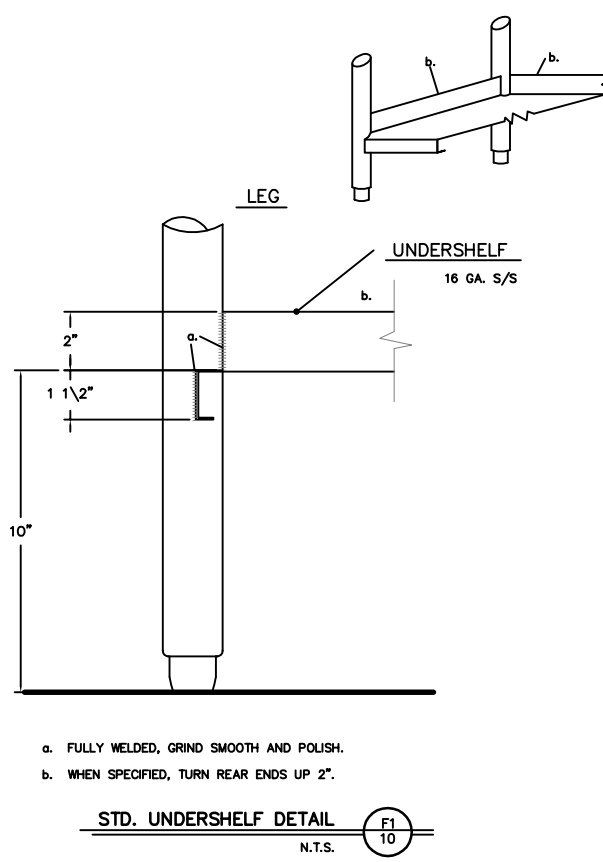
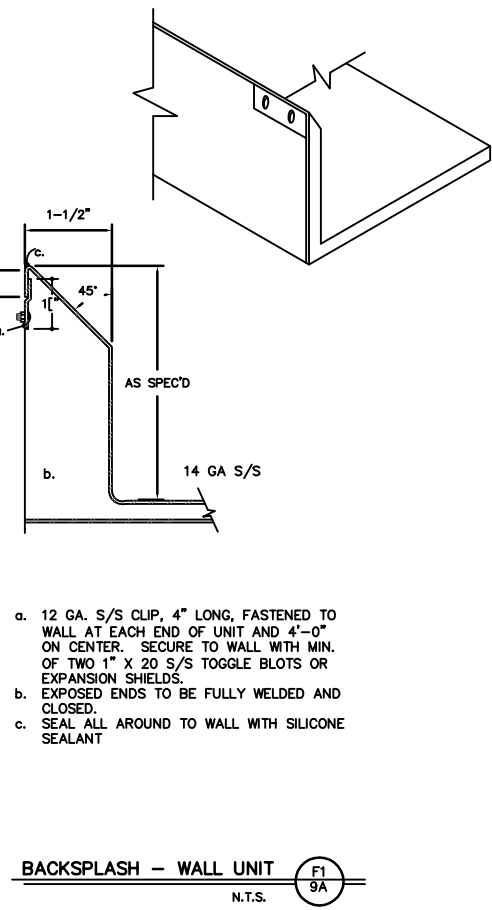
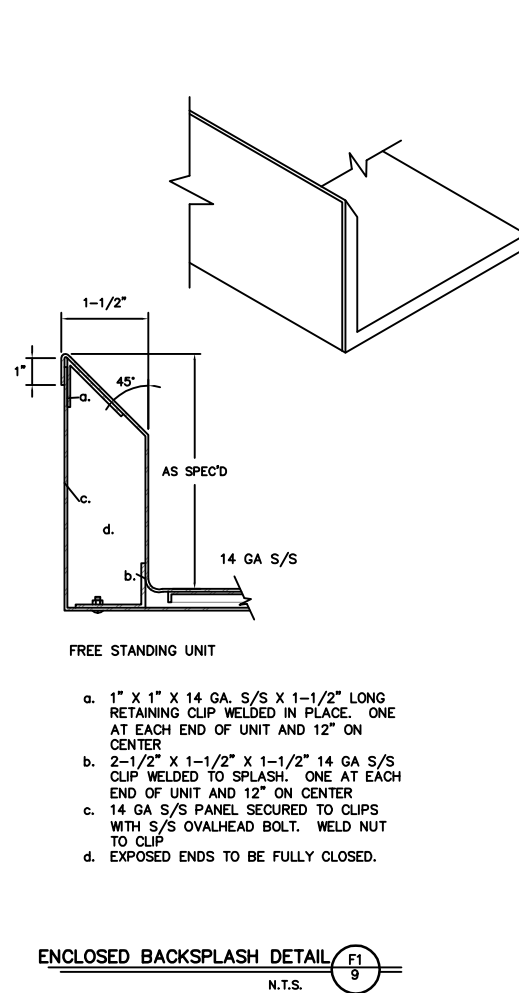
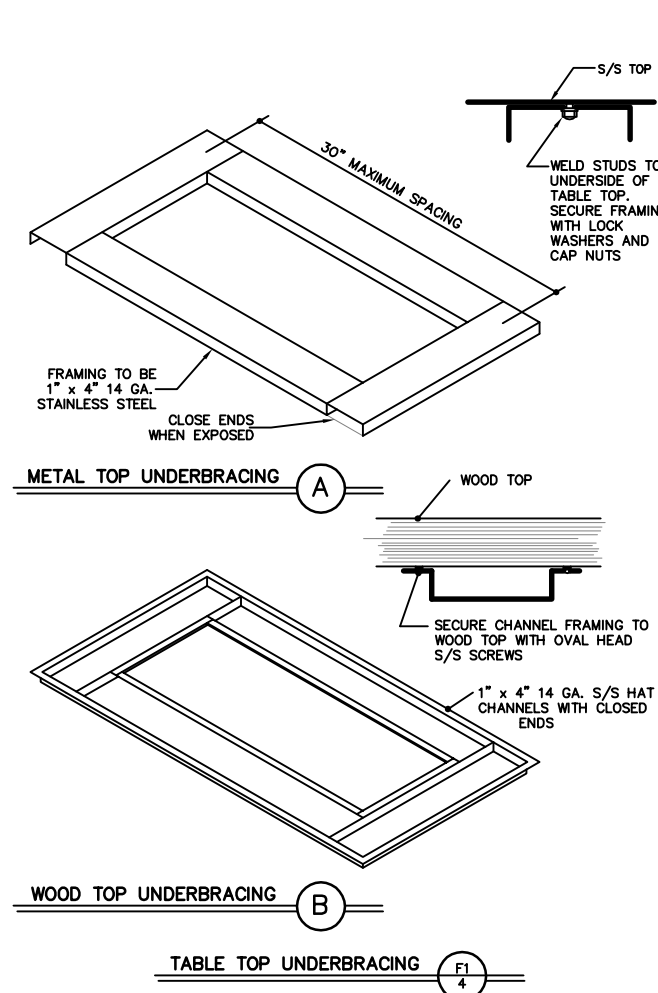
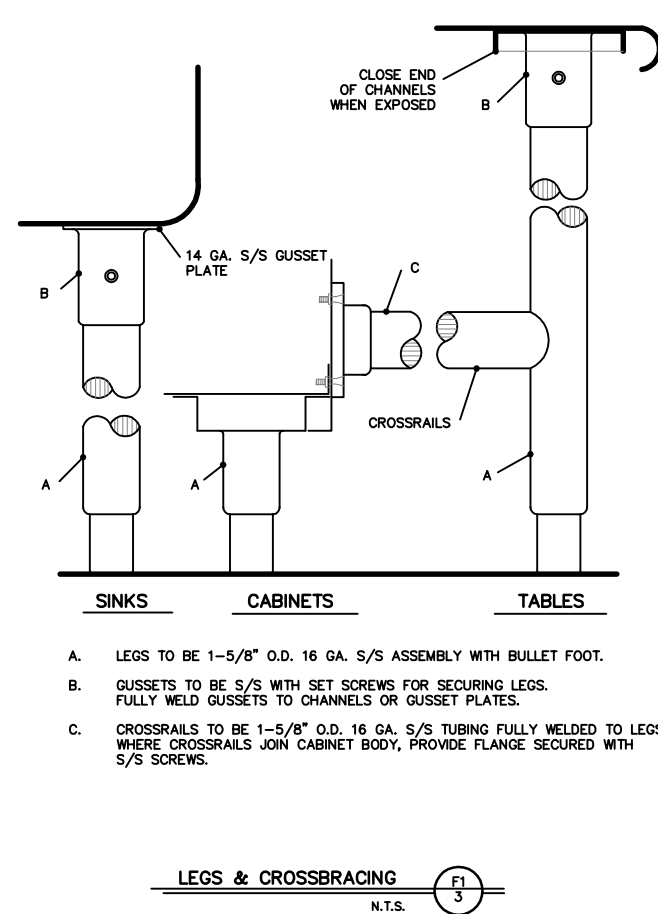
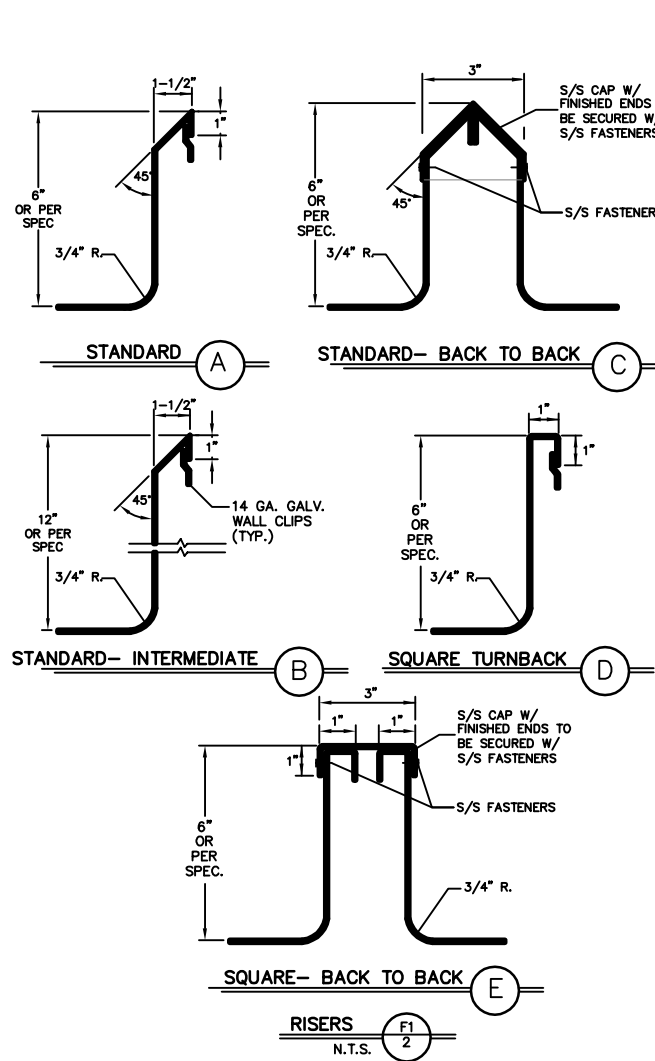
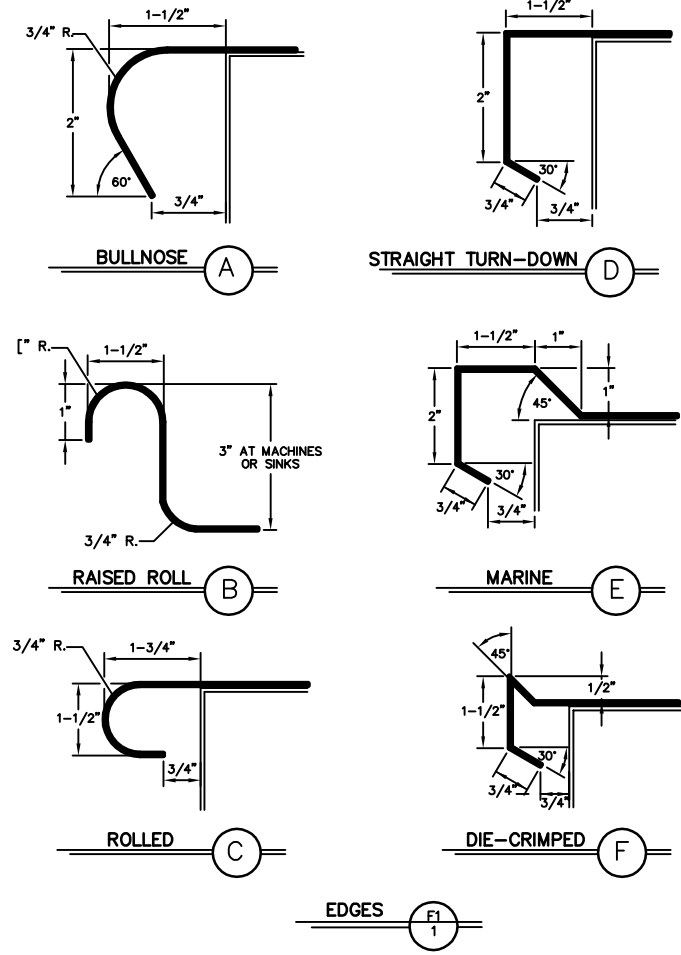


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