

RENOVATE KITCHEN FOOD SERVICE BUILDING, MOBERLY CORRECTIONAL CENTER

MOBERLY, MISSOURI



OWNER: STATE OF MISSOURI
MIKE KEHOE,
GOVENOR

DEPARTMENT OF CORRECTIONS

PROJECT
MANAGEMENT: OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT, DESIGN AND
CONSTRUCTION

Missouri State Certificate of
Authority # 000143 Exp.
12/31/2026
631 West Main Street
Jefferson City, Missouri
(573) 636-5000

DESIGNER: THE ARCHITECTS ALLIANCE, INC

PROJECT NO. C2419-01

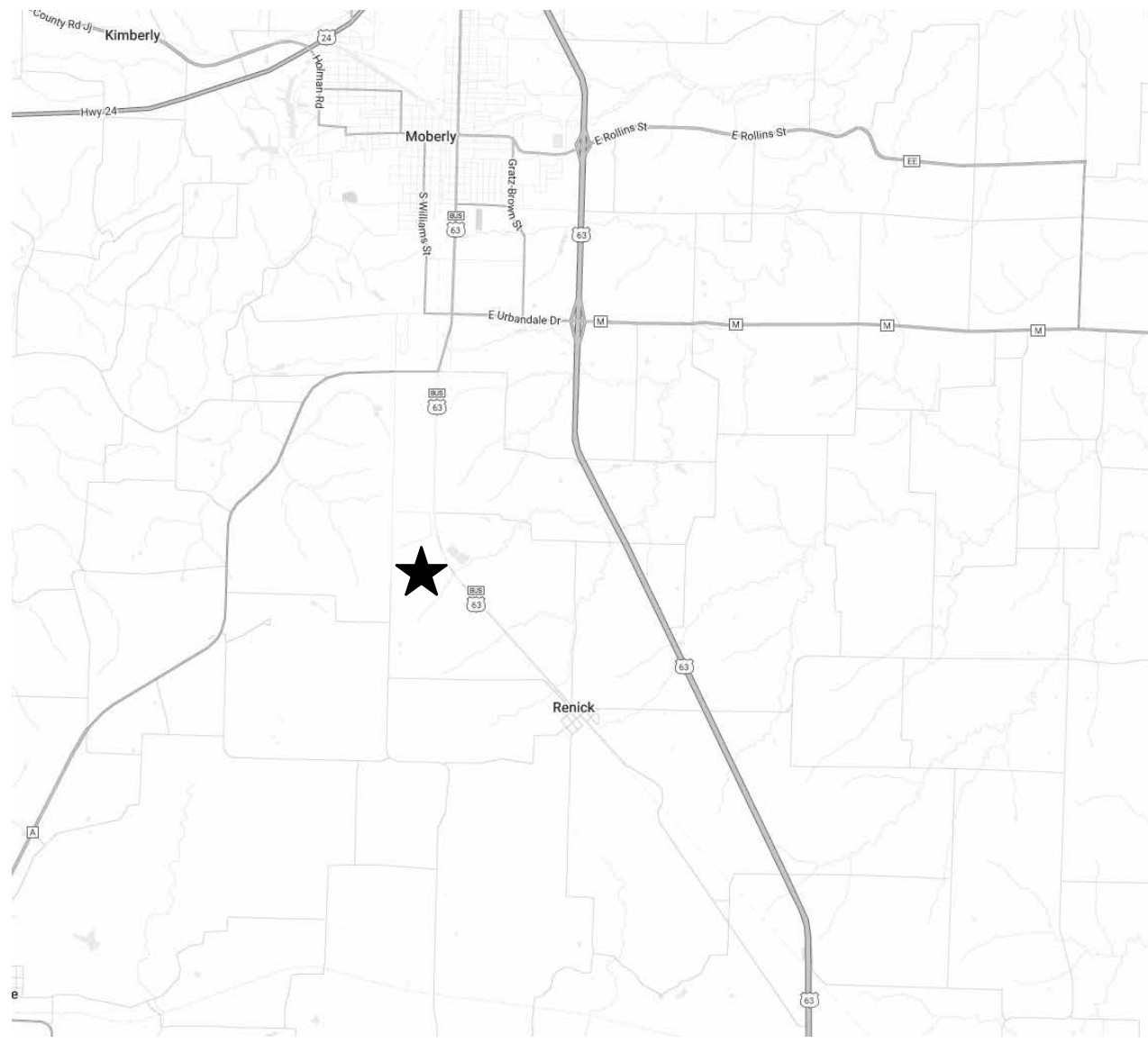
SITE NO. 7005

ASSET NO. 9327005027

GENERAL NOTES:

- ALL CONSTRUCTION SHALL BE IN COMPLIANCE WITH ALL CODES LISTED IN "CODE INFORMATION."
- ALL WORK RELATING TO THIS CONSTRUCTION SHALL COMPLY WITH U.S. DEPARTMENT OF LABOR, THE OCCUPATIONAL SAFETY AND HEALTH STANDARDS AND ALL RELATED LOCAL BUILDING CODES AND ORDINANCES.
- DO NOT SCALE THE DOCUMENTS.
- ALL DIMENSIONS ARE TO BE FIELD VERIFIED AND BACK CHECKED FOR CORRECTNESS. IF ANY DEVIATIONS OR DISCREPANCIES OCCUR, CONTACT THE ARCHITECT FOR VERIFICATION PRIOR TO PROCEEDING WITH THE WORK.
- THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL CAREFULLY REVIEW THE DRAWINGS, SPECIFICATIONS, DETAILS AND NOTES FOR INFORMATION REGARDING THE SCOPE OF THE WORK INTENDED PRIOR TO PROCEEDING WITH THE WORK.
- THE GENERAL CONTRACTOR SHALL COORDINATE ALL BUILDING MANAGEMENT SYSTEMS, SECURITY SYSTEMS, AND LOCKING HARDWARE WITH THE OWNER PRIOR TO INSTALLATION. SECURITY SYSTEM EQUIPMENT FURNISHED BY OWNER. ALL CONDUIT AND BOXES BY ELECTRICAL SUBCONTRACTOR.
- CONTRACTOR SHALL VERIFY LOCATIONS AND QUANTITY OF FIRE EXTINGUISHERS WITH THOSE SHOWN ON PLANS BEFORE INSTALLATION.
- ALL WOOD INDICATED IN THESE DOCUMENTS IS TO BE TREATED FOR FIRE RETARDANCY UNLESS NOTED OTHERWISE. PRESSURE TREAT ALL ROOF BLOCKING AND PLYWOOD AT PARAPETS.
- INTERIOR DIMENSIONS ARE FROM FACE OF GYP. BOARD TO FACE OF GYP. BOARD UNLESS NOTED OTHERWISE.
- CONCRETE FLOOR SLABS SHALL BE INSTALLED AND FINISHED AS REQUIRED TO RECEIVE THE SCHEDULED FINISH MATERIAL. NO CURING COMPOUND SHOULD BE UTILIZED ON CONCRETE TO RECEIVE TILE. SPECIAL ATTENTION SHOULD BE PAID TO THE CONCRETE SLAB RECEIVING PORCELAIN, OR CERAMIC, TILE AND THE RECOMMENDATIONS OF THE CERAMIC TILE INSTITUTE OF AMERICA SHALL BE STRICTLY ADHERED TO. THE ARCHITECT, IN CONJUNCTION WITH THE FLOOR TILE SUBCONTRACTOR, SHALL ESTABLISH LOCATIONS OF CONCRETE FLOOR SLAB CONTROL JOINTS SO AS TO MINIMIZE CUTTING OF FLOOR TILE.
- ACCESS PANELS (2'X2') SHALL BE PROVIDED IN ALL GYP. BOARD PARTITIONS OR CEILING WHERE ELECTRICAL TRANSFORMERS, J-BOXES, PLUMBING VALVES, HVAC VAV BOXES, PTB BOXES, MOTORIZED DAMPERS, VOLUME DAMPERS, FIRE DAMPERS, SANITARY SEWER OR GREASE LINE TRAPS REQUIRING ACCESS LOCATED. NOTE THAT MANY OF THESE ITEMS ARE NOT INDICATED ON THESE DOCUMENTS, BUT ACCESS PANELS SHALL BE PROVIDED AS THOUGH THEY HAVE BEEN SHOWN THROUGHOUT (BURDEN OF DETERMINING QUANTITY IS ON THE CONTRACTOR). THE ARCHITECT SHALL COORDINATE THESE ACCESS PANELS WITH THE CONTRACTOR AT A LATER DATE SO AS TO MINIMIZE THE IMPACT ON AESTHETIC DESIGN OF THE PROJECT. ACCESS PANELS LOCATED IN FIRE RATED PARTITIONS OR CEILINGS SHALL HAVE THE SAME FIRE RATING (U.L. LABEL) AS THE PARTITION OR CEILING IN WHICH THEY ARE HOUSED. THE CONTRACTOR SHALL LOCATE ALL ELEMENTS WHICH REQUIRE ACCESS ABOVE NON-PUBLIC AREA CEILINGS OR ABOVE LAY-IN ACOUSTICAL TILE CEILINGS, IF POSSIBLE. THE CONTRACTOR SHALL PROVIDE A MARKED-UP PLAN TO THE ARCHITECT AND OWNER SHOWING ALL AREAS REQUIRING ACCESS.
- ALL PENETRATIONS THROUGH FIRE RATED PARTITIONS, FIRE RATED CEILING ASSEMBLIES SHALL BE INSTALLED ACCORDING TO U.L. STANDARDS AND PER APPLICABLE CODES FOR REQUIRED HOUR FIRE RATED CONSTRUCTION.
- ALL MATERIALS SHALL BE INSTALLED ACCORDING TO INDUSTRY STANDARDS, ALL AGENCIES OR "STANDARD" RECOMMENDATIONS REFERENCED IN THE SPECIFICATIONS, OR MANUFACTURERS RECOMMENDED INSTALLATION PROCEDURES, WHICHEVER IS THE MOST STRINGENT, IN ORDER TO PROVIDE A COMPLETE AND HIGH QUALITY PROJECT.
- THE CONTRACTOR REPRESENTS AND WARRANTS THAT IT HAS EXAMINED THE PLANS, DRAWINGS, SPECIFICATIONS AND ALL CONSTRUCTION CRITERIA OF OWNER AND HAS SATISFIED ITSELF THAT THE INFORMATION CONTAINED THEREIN IS SUFFICIENT TO FULLY AND COMPLETELY CONSTRUCT THE PROJECT.

VICINITY MAP:



Architect

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Mech., Elec., Plumb.

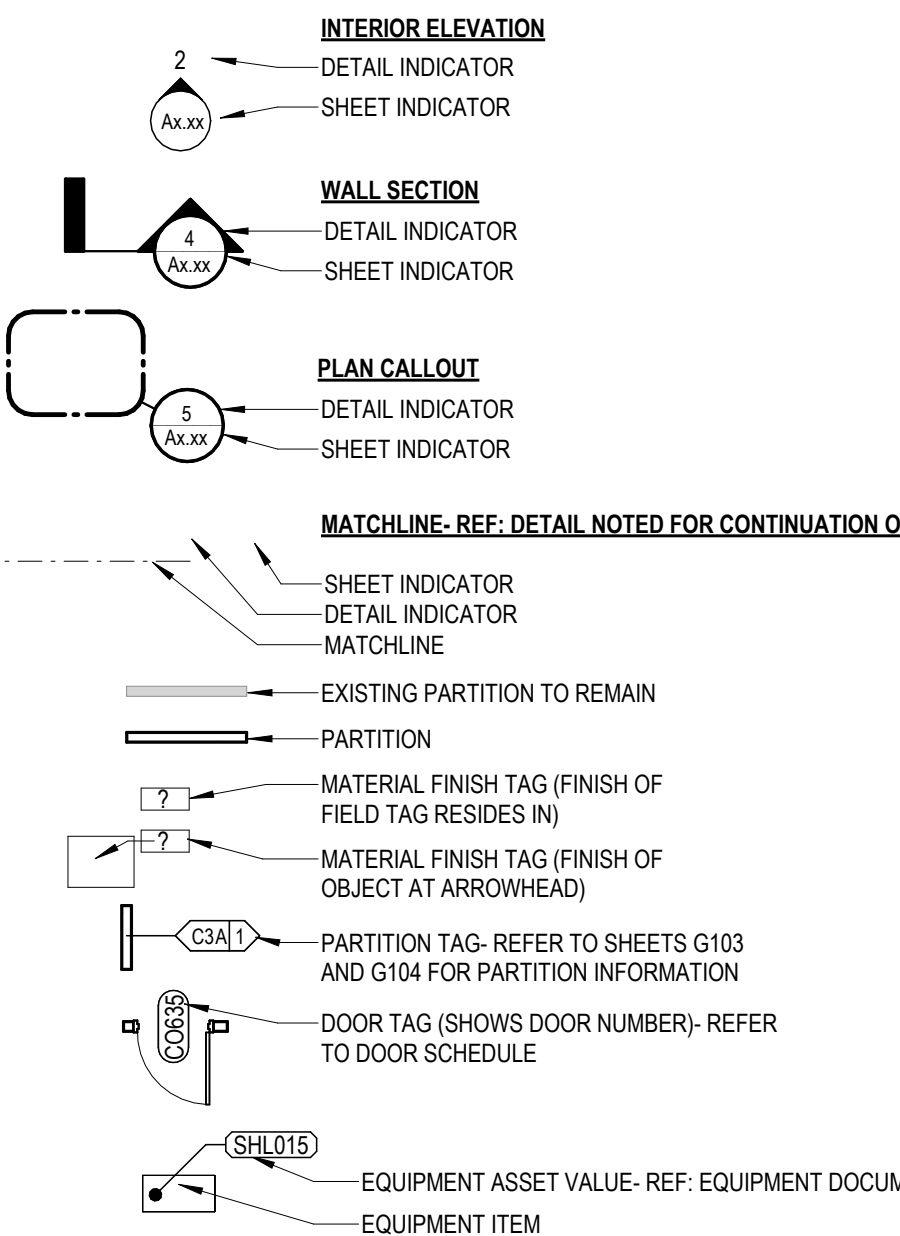
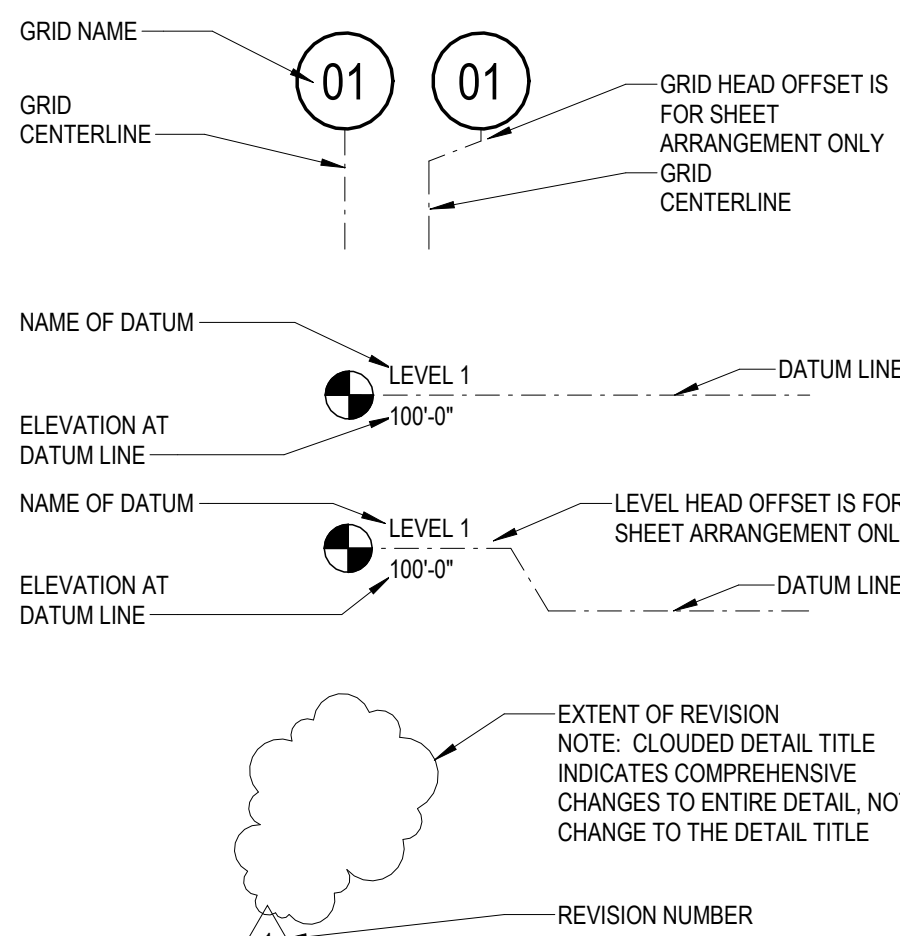
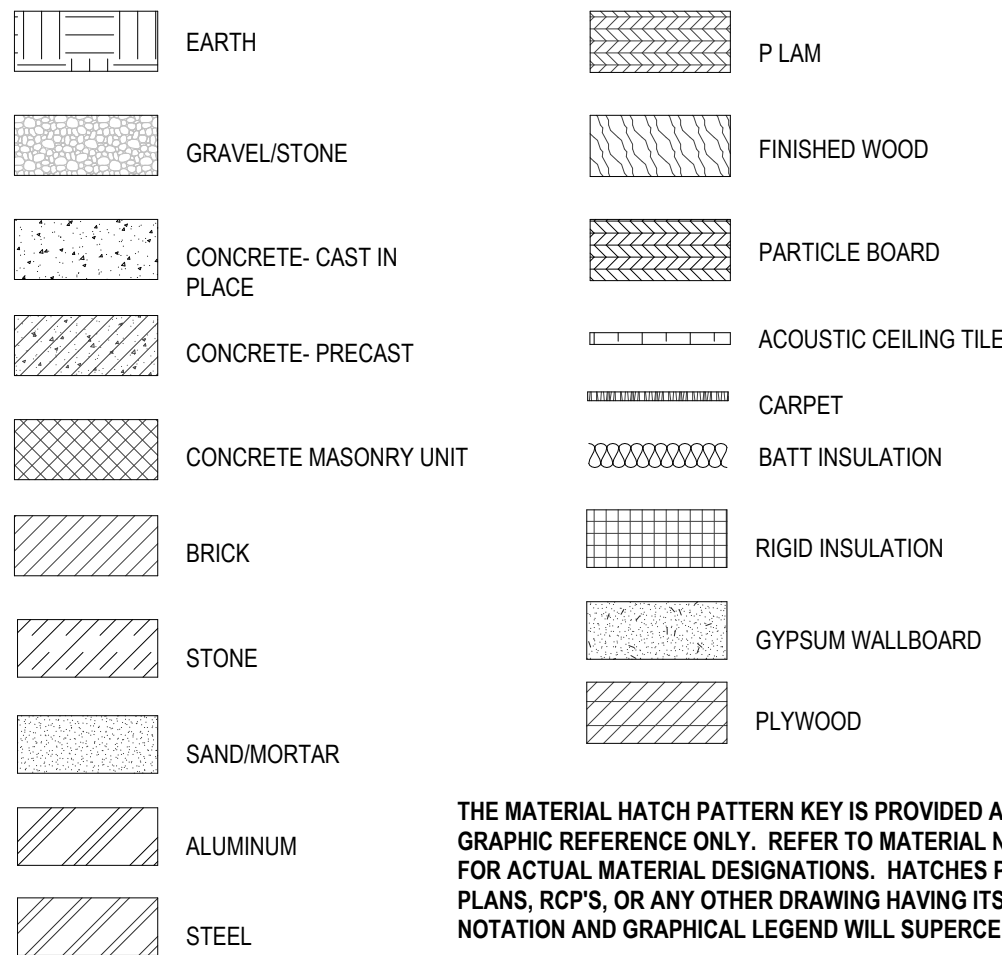
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LEGEND & SYMBOLS:

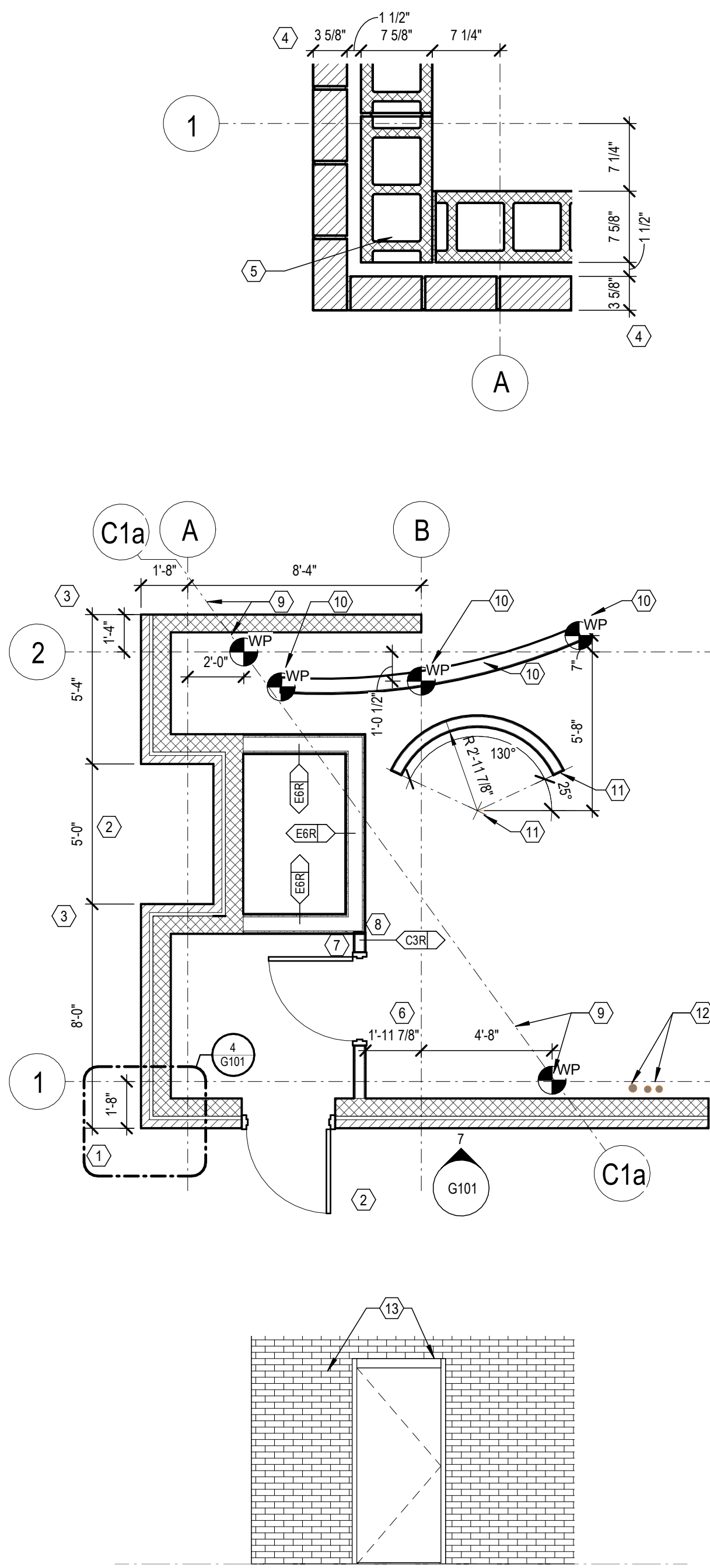


STRUCTURAL GRID

LEVEL DATUM

REVISION CALLOUT

DIMENSIONING GUIDE:



MARK	NOTE
1	MASONRY PLAN DIMENSIONS ARE NOMINAL AT SCALES NOT SHOWING INDIVIDUAL MODULES
2	OPENINGS ARE NOMINAL MASONRY OPENINGS AT SCALES NOT SHOWING INDIVIDUAL MODULES
3	EXTERIOR WALL DIMENSIONS ARE TO FINISH FACE (SEE WALL SECTION) UNLESS NOTED OTHERWISE
4	DRAWINGS WITH INDIVIDUAL MODULAR UNITS SHOWN ARE DIMENSIONED TO ACTUAL SIZE
5	AT LOCATIONS OF STRUCTURAL MASONRY, UNIT TYPE IS SHOWN AS REPRESENTATION ONLY. REFER TO STRUCTURAL DRAWINGS FOR STRUCTURAL MASONRY CONSTRUCTION
6	INTERIOR WALL DIMENSIONS ARE TO FINISH FACE OF PARTITION AS TAGGED, PER PARTITION SCHEDULE UNLESS NOTED OTHERWISE. ADDITIONAL FINISHES MAY EXIST. SEE FINISH PLAN
7	WHERE DOORS ARE ADJACENT TO PERPENDICULAR WALLS, DIMENSION FROM FACE OF WALL TO EDGE OF FRAME IS 4 INCHES UNLESS NOTED OTHERWISE
8	WHERE WALLS OF VARYING FIRE AND/OR SMOKE RATING MEET OR INTERSECT, WALLS OF GREATER RATING SHALL RUN CONTINUOUS
9	ELEMENT POSITIONS BASED ON NON PARALLEL OR NON PERPENDICULAR RELATIONSHIPS TO OTHER ELEMENTS SHALL BE PLACED BY THE WORK POINTS DEFINED INCIDENTALLY FROM THE OTHER ELEMENTS
10	RADIOUS ELEMENTS DEFINED BY MORE THAN 2 WORKPOINTS SHALL BE PLACED BY STRIKING AN ARC TANGENT TO ALL WORKPOINTS. WHERE MORE THAN 3 WORKPOINTS ARE PRESENT, THE ARC AT EACH WORKPOINT SHALL BE TANGENT TO THE ADJACENT WORKPOINT ON EACH SIDE
11	RADIOUS ELEMENTS DEFINED BY CENTERPOINTS, RADII, AND ANGLES SHALL BE PLACED BY MARKING THE CENTERPOINT AND ANGLE OFF THE OBJECTS THE DIMENSIONS ARE INCIDENT FROM
12	OBJECTS AND INFORMATION SHOWN FROM OTHER TRADES IS FOR REFERENCE ONLY. OBJECTS AND INFORMATION SHOWN MAY NOT BE ALL INCLUSIVE. REFER TO THE APPROPRIATE CONSULTANTS DOCUMENTS FOR INFORMATION ON THESE SYSTEMS
13	MASONRY COURSING LINES SHOWN IN ELEVATION REPRESENT NOMINAL DIMENSIONS. HORIZONTAL JOINT LINES ARE AT TOP OF MASONRY UNIT. VERTICAL JOINT LINES ARE AT CENTERLINE OF JOINT

SHEET LIST:

Set Order	Sheet Num	Sheet Name
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3	G103	PARTITION TYPES
Architectural Demolition		
4	DA101	DEMOLITION PLAN
Architecture		
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6	A102	FLOOR PLAN
7	A601	FINISHES AND DOORS
8	A602	ENLARGED PLANS AND ELEVATIONS
9	A701	REFLECTED CEILING PLAN
Mechanical		
10	MD101	MECHANICAL DEMOLITION PLAN - LOWER LEVEL
11	M101	MECHANICAL PLAN - LOWER LEVEL
12	M102	MECHANICAL PLAN - MAIN LEVEL
13	M501	MECHANICAL DETAILS
14	M601	MECHANICAL SCHEDULES
Electrical		
15	E101	ELECTRICAL PLAN
16	E501	ELECTRICAL DETAILS & SCHEDULES
Plumbing		
17	P101	PLUMBING PLAN - SANITARY
18	P102	PLUMBING PLAN - DOMESTIC WATER AND GAS
19	P501	PLUMBING DETAILS & SCHEDULES
Foodservice		
20	FS100	FOODSERVICE EQUIPMENT LAY-OUT
21	FS200	FOODSERVICE ELECTRIC SPOT ROUGH-IN
22	FS300	FOODSERVICE PLUMBING SPOT ROUGH-IN
23	FS400	FOODSERVICE SPECIAL CONDITIONS

GENERAL CONTRACTOR NOTES:

- PROJECT WILL REQUIRE PHASING OF CONSTRUCTION ACTIVITIES. SEE ARCHITECTURAL PLANS FOR PROPOSED TEMPORARY WALL LOCATIONS. COORDINATE WITH D.O.C. FOR FINAL PHASING PLAN AND SCHEDULE PRIOR TO COMMENCEMENT OF WORK.
A. PHASE 1 ACTIVITIES: KITCHEN AND PLATING
B. PHASE 2 ACTIVITIES: KITCHEN AND PLATING
C. PHASE 3 ACTIVITIES: SCULLERY, POTS & PANS, VEGGIE PREP, MEAT PREP, REFUSE & CORRIDOR
(PHASE 3 CAN BE SPLIT INTO ISOLATED ROOMS OR GROUPING OF ROOMS AS NEEDED FOR DOC DAILY OPERATIONS.)
- COORDINATE ANY UTILITY DOWN TIME WITH D.O.C. PRIOR TO SCHEDULING WORK AND PROVIDE ANY TEMPORARY CONTROLS OR MEP SYSTEMS AS REQUIRED FOR THE OWNER TO OCCUPY THE SPACES DURING CONSTRUCTION.
- THE MAIN KITCHEN AREA WILL BE SECTIONED OFF WITH TEMPORARY WALLS FOR PHASING ACTIVITIES. D.O.C. / OWNER WILL PERFORM COOKING ACTIVITIES IN THE BAKERY AREA UNTIL THE KITCHEN CONSTRUCTION PHASE ACTIVITIES ARE COMPLETED AND THE CONTRACTOR CAN THEN START WORK IN THE BAKERY. GC TO COORDINATE WITH D.O.C. FOR SCHEDULING FOR THE OWNER TO RELOCATE THEIR EQUIPMENT BETWEEN PHASING. SEE PLANS FOR ADDITIONAL INFORMATION.
- THE TWO EXISTING STEAM KETTLES IN THE BAKERY WILL REMAIN IN PLACE WHILE KITCHEN WORK IS UNDER WAY AND D.O.C. TO RELOCATE TWO EXISTING KETTLES IN THE KITCHEN SO THAT THE BAKERY WILL TEMPORARILY OPERATE WITH FOUR STEAM KETTLES DURING KITCHEN PHASE ACTIVITIES. D.O.C. TO RELOCATE THEIR OWN EQUIPMENT AND GC TO COORDINATE WORK TO CAP EXISTING UTILITIES AND SUPPLY LINES ONCE TEMPORARY FACILITIES ARE REMOVED FOR FINAL PHASE CONSTRUCTION ACTIVITIES.
- GC TO VERIFY EXISTING FIELD CONDITIONS PRIOR TO COMMENCEMENT OF WORK. GC TO CONFIRM ALL EXISTING FLOOR CONDITIONS WITH THE FLOORING SUBCONTRACTOR TO IDENTIFY AREAS THAT MAY NEED ADDITIONAL GRINDING OF CONCRETE TO LEVEL THE FLOOR IN PREPARATION OF NEW FLOOR TILE SYSTEM.
- EXISTING FLOORING CONSISTS OF CONCRETE, LIGHTWEIGHT CONCRETE, AND TILE GROUT 1" TO 2" THICK AT VARIOUS LOCATIONS. FLOORING CONTRACTOR AND GC TO COORDINATE DEMOLITION OF EXISTING FLOOR SURFACES AND PREPARATION OF LEVELING THE FINISH FLOOR ELEVATION TO BE CONSISTENT.
- GC TO COORDINATE WITH ALL ASSOCIATED TRADES AT FLOOR DRAIN LOCATIONS TO BE ABANDONED, DEMOLISHED, AND CAPPED BELOW FINISH FLOOR ELEVATION. COORDINATE LEVELING OF THE FLOOR AT THESE LOCATIONS TO REMOVE THE DRAIN SWEEP-AROUNDS SO THAT THE FINISH FLOOR ELEVATION IS ALL THE SAME. RE: ARCHITECTURAL AND PLUMBING DRAWINGS

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



BIDDING DOCUMENTS



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DESIGN AND CONSTRUCTION

RENOVATE KITCHEN
FOOD SERVICE
BUILDING, MOBERLY
CORRECTIONAL
CENTER

MOBERLY, MISSOURI

PROJECT # C2419-01
SITE # 7005
ASSET # 9327005027

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:

ISSUE DATE: 3/30/2026

CAD DWG FILE: *.dwg
DRAWN BY: CTN
CHECKED BY: CG
DESIGNED BY: CG

SHEET TITLE:

GENERAL
INFORMATION

SHEET NUMBER:

G101

SHEET 2 OF 23
3/30/2026



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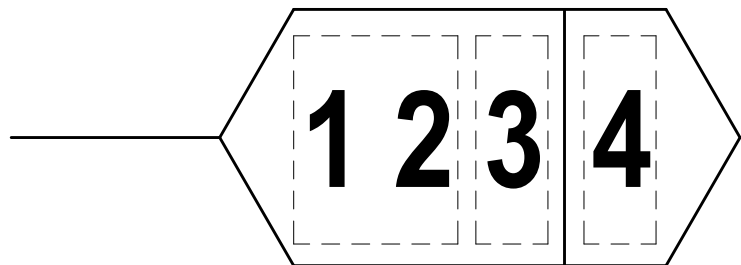
PARTITION
TYPES

SHEET NUMBER:

G103

SHEET 3 OF 23
3/30/2026

- NOTE: PARTITION TAGS ARE READ LEFT TO RIGHT.
- FIRST AND SECOND CHARACTER TOGETHER ARE "TYPE" IN THE PARTITION TYPE DETAILS
1. THE FIRST CHARACTER IN THE TAG INDICATES WHICH DETAIL TO REFERENCE FOR THE PARTITION CONSTRUCTION.
 2. THE SECOND CHARACTER IN THE TAG INDICATES A REFERENCE FOR THE STRUCTURAL MEMBER (METAL STUD OR CMU) THICKNESS.
 3. THE THIRD CHARACTER IN THE TAG INDICATES:
"A" - FOR ACOUSTIC PARTITION CONSTRUCTION
"R" - FOR FIRE RATED PARTITION CONSTRUCTION
"S" - FOR SMOKE PARTITION CONSTRUCTION
"T" - FOR FIRE RATED/ACOUSTIC PARTITION CONSTRUCTION
"V" - FOR FIRE RATED/SMOKE PARTITION CONSTRUCTION
"W" - FOR ACOUSTIC/SMOKE PARTITION CONSTRUCTION
"Z" - FOR FIRE RATED/ACOUSTIC/SMOKE PARTITION
 4. THE FOURTH CHARACTER IS FOR SPECIAL CONSTRUCTION CONDITIONS SUCH AS HEAD PARTITION DETAILS.



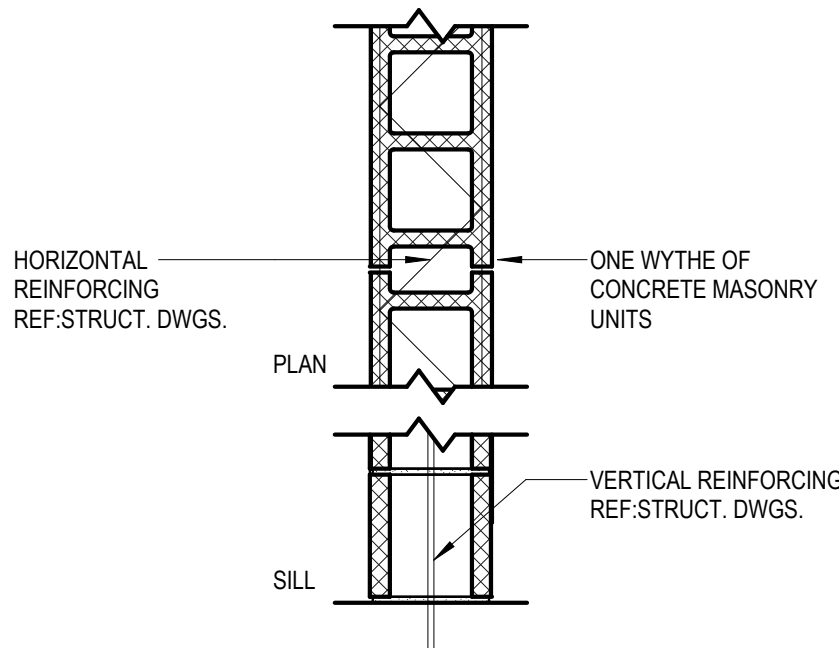
H17
G103 PARTITION TAGS

SCALE: 1" = 1'-0"

1. ALL PARTITIONS CONTAINING PLUMBING OR HAVING AN EXTERIOR FACE TO BE INSULATED.
2. NON-RATED PARTITIONS TO BE INSTALLED WITH ACOUSTICAL SEALANT, UNLESS NOTED OTHERWISE.
3. REFER MECHANICAL DRAWINGS FOR DETAILS ON PIPE PENETRATIONS THROUGH ACOUSTICAL PARTITIONS AS WELL AS RATED PARTITIONS.

K17
G103 GENERAL PARTITION NOTES

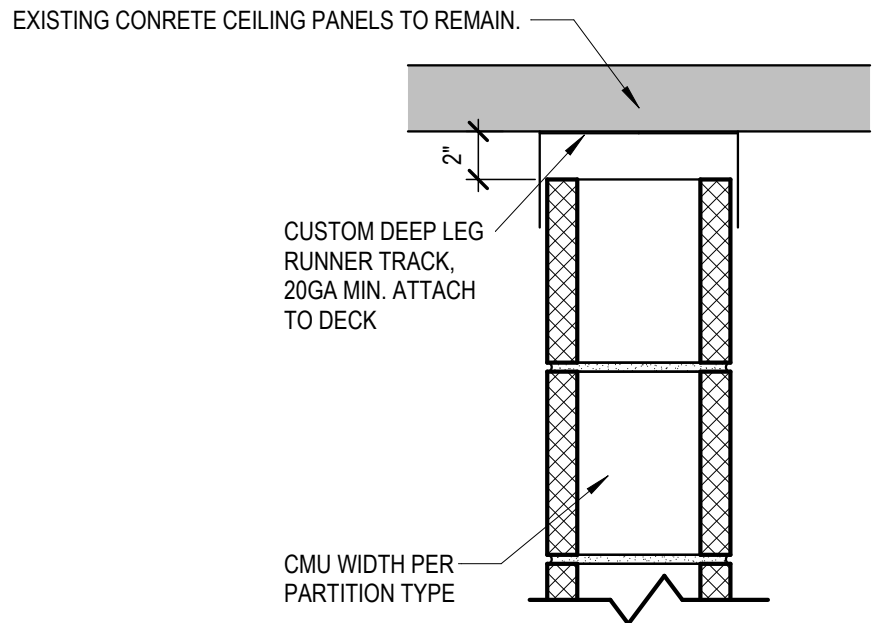
SCALE: 1" = 1'-0"



TYPE	WYTHE SIZE	PARTITION THK.	"R" FIRE RATING	FIRE TEST	STC RATING
M6	5-5/8"	5-5/8"	---	---	---

K12
G103 PARTITION TYPE - M

SCALE: 1" = 1'-0"



K9
G103 HEAD TYPE - 1

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



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SHEET TITLE:

DEMOLITION
PLAN

SHEET NUMBER:

DA101

SHEET 4 OF 23
3/30/2026

X DEMOLITION PLAN KEYED NOTES

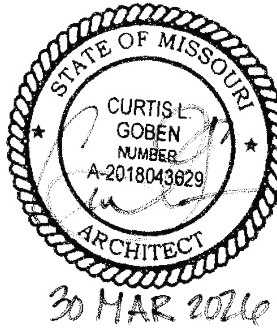
- 1 DEMOLISH EXISTING FLOOR TILE AND GROUT TO EXTEND NEEDED FOR NEW FLOOR TILE
- 2 TWO (2) EXISTING KETTLES TO REMAIN IN BAKERY DURING CONSTRUCTION ACTIVITIES TO SERVE AS PART OF THE TEMPORARY KITCHEN. TWO (2) ADDITIONAL EXISTING STEAM KETTLEWILLS WILL BE RELOCATED FROM THE EXISTING KITCHEN AND INSTALLED IN THE BAKERY AS WELL. THIS WILL PROVIDE A TOTAL OF FOUR (4) EXISTING KETTLES TO SERVE AS COOKING EQUIPMENT FOR THE TEMPORARY KITCHEN THROUGHOUT THE PHASING OF THE PROJECT AT WHICH TIME THEY CAN THEN FULLY OCCUPY THE RENOVATED KITCHEN AREA.
- 3 SEE MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR EQUIPMENT DEMOLITIONS AND REPLACEMENT.
- 4 REMOVE EXISTING DOOR AND FRAME, PREPARE FOR NEW.
- 5 REMOVE EXISTING STAINLESS STEEL TRENCH DRAIN SYSTEM AND PLATFORM. PATCH/REPAIR FLOOR SLAB TO FILL PENETRATIONS OR DAMAGED CONCRETE SURFACE AND PREPARE TO RECEIVE NEW FLOOR TILE. PROVIDE SELECTIVE FLOOR SLAB DEMOLITION AT THE NEW FLOOR DRAIN LOCATIONS. REFER TO CONSULTANT DRAWINGS FOR ADDITIONAL INFORMATION. OWNER TO REMOVE EXISTING KETTLES PRIOR TO KITCHEN DEMOLITION WORK TO BEGIN. GC TO COORDINATE PHASING/TIMING WITH OWNER.
- 6 PREPARE FOR NEW CONCRETE EQUIPMENT PAD IN BASEMENT.
- 7 DEMOLISH EXISTING HOLLOW METAL DOOR AND FRAME AND REPLACE IN KIND
- 8 REMOVE AND REPLACE COOLER DOOR WITH EXTERIOR GRADE HARDWARE AND SEALS.
- 9 REMOVE COOLER DOOR AND REPLACE WITH HOLLOW METAL DOOR AND FRAME.
- 10 REMOVE AND REPLACE DOOR AND FRAME.
- 11 REMOVE TILE AND GROUT. LEVEL FLOOR TO MATCH ADJACENT CONCRETE SLAB ELEVATION. PREPARE FOR NEW TILE.
- 12 REMOVE FLOOR DRAIN AND CAP BELOW SLAB.
- 14 COORDINATE LOCATIONS FOR FLOOR SLAB CORING TO ALLOW FOR NEW TOILET DRAIN AND SINK DRAIN UNDERSLAB PLUMBING CONNECTIONS RE-PLUMBING
- 15 REMOVE AND REPLACE COOLER DOOR
- 16 GRIND CONCRETE TOPPING AREA SHOWN DOWN TO ALLOW FOR NEW TILE MORTAR/GROUT BED. TOP OF FINISH FLOOR ELEVATION TO BE CONSISTANT THROUGHOUT FOR THE NEW TILE FLOOR INSTALLATION. REPLACE DRAIN SCREENS WITH NEW IN-KIND.
- 17 REMOVE EXISTING HM FRAME AND WINDOW ASSEMBLY TO ALLOW FOR EQUIPMENT REMOVAL. REPLACE IN KIND.
- 18 GENERAL CONTRACTOR TO REMOVE STAIRWELL GRATING AS REQUIRED TO HOIST OUT EQUIPMENT TO BE DEMOLISHED.
- 19 GENERAL CONTRACTOR TO REMOVE STAIRWELL PERIMETER SECURITY FENCING AS REQUIRED FOR EQUIPMENT DEMOLITION AND REMOVAL.

2 DEMOLITION PLAN- BASEMENT

DA101 SCALE: 3/32" = 1'-0"

K2 DEMOLITION PLAN - AREA A

Project North
DA101 SCALE: 3/32" = 1'-0"



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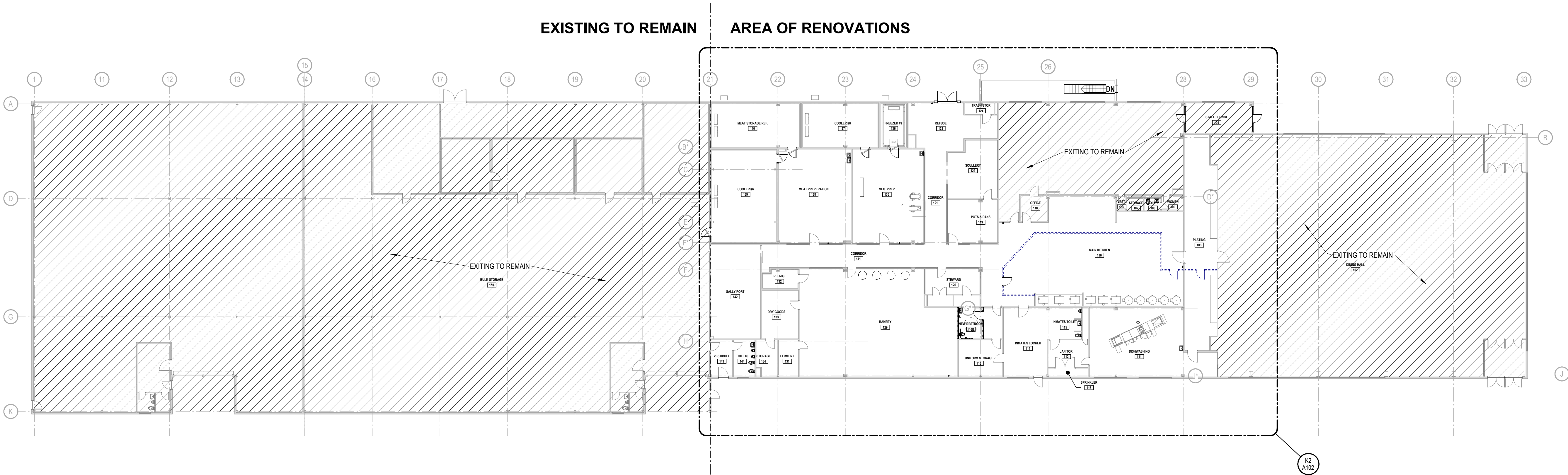
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DESIGNED BY: CG

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**OVERALL FLOOR
PLAN**

SHEET NUMBER:

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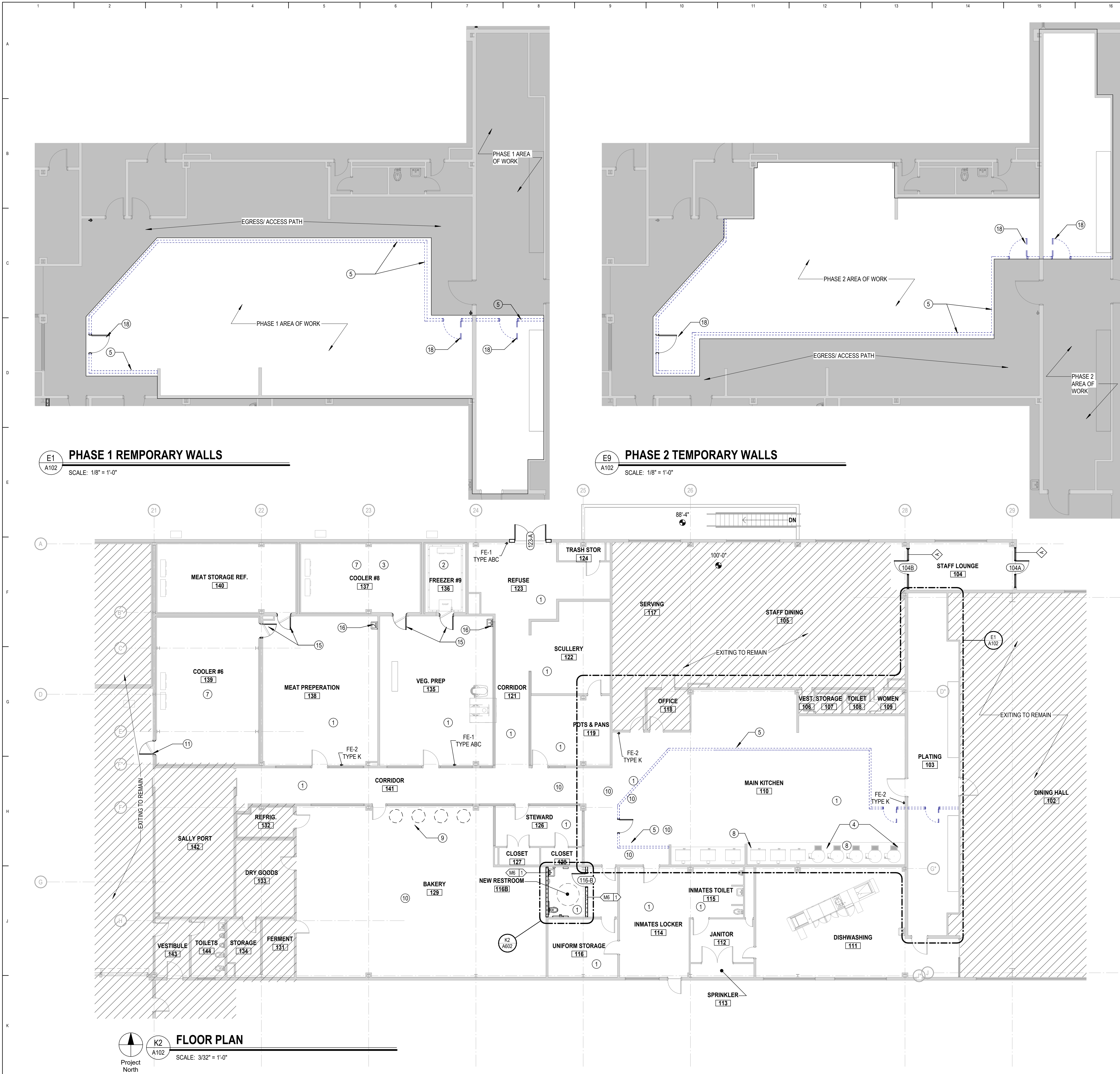
SHEET 5 OF 23
3/30/2026



K2
A101

FLOOR PLAN- LEVEL 1

SCALE: 1" = 20'-0"



FLOOR PLAN GENERAL NOTES:

- DIMENSIONS SHOWN ARE TO THE FACE OF PARTITION (AS SHOWN IN THE PARTITION TYPES, EXCLUDING APPLIED FINISHES SHOWN ON FINISH PLANS), UNO. DIMENSIONS MARKED WITH CL ARE TO CENTERLINE OF OBJECT.
- WHERE PARTITIONS ARE A CONTINUATION OF AN EXISTING PARTITION, FACE OF PARTITION (AS SHOWN IN THE PARTITION TYPES, EXCLUDING APPLIED FINISHES SHOWN ON FINISH PLANS) SHALL ALIGN WITH THE FACE OF EXISTING PARTITION, UNO.
- INTERSECTING PARTITIONS INTERSECT AT 90 DEGREE ANGLES, UNO. REFER TO AREA PLANS OR ENLARGED PLANS FOR ANGULAR DIMENSIONS. WHERE NO ANGULAR DIMENSION IS GIVEN, PARTITIONS ARE PARALLEL TO STRUCTURAL GRID LINES AND/OR OTHER PARTITIONS THAT THEY ARE DIMENSIONED TO, UNLESS NOTED OR DIMENSIONED OTHERWISE.

FLOOR PLAN KEYNOTES

- PATCH / REPAIR / LEVELING / EXISTING CONCRETE SLAB FOR NEW TILE FLOORING
- FIX FREEZER
- REBUILD COOLER
- PROVIDE NEW INDIVIDUAL FLOOR DRAIN AND GRATED TROUGH SYSTEM AT EACH OF THE FIVE (5) STATIONS. COORDINATE SELECTIVE FLOOR DEMOLITION TO ALLOW FOR INSTALLATION OF THE DRAIN AND TROUGH HOUSING. TOP OF GRATE TO BE FLUSH WITH FINISHED FLOOR TILE ELEVATION. PROVIDE TAMPER RESISTANT FASTENERS, TYPICAL.
- TEMPORARY FACILITIES AND CONTROLS: PROVIDE TEMPORARY WALLS TO SEPARATE PHASING OF CONSTRUCTION ACTIVITIES. PROVIDE TEMPORARY ACCESS DOORS AT THESE WALL LOCATIONS THAT CAN BE LOCKED/ CONTROLLED. WALLS TO HAVE PLYWOOD SHEATHING ON ONE SIDE AND PLASING SHEETING ON THE OTHER, FLOOR TO CEILING WALL HEIGHT.
- NEW CONCRETE EQUIPMENT PAD 4" THICK, POURED ON TOP OF EXISTING CONCRETE SLAB RE-MEP DRAWINGS. PROVIDE MESH REINFORCING WIRE FOR SLAB. CAULK PERIMETER EDGE AT NEW TO OLD SEALED CONCRETE FLOOR JOINT
- GC TO COORDINATE FREEZER SHUT DOWN AND FOOD REMOVAL WITH D.O.C.
- COORDINATE AND PROVIDE 3" TO 4" DRAIN LINE TO CONNECT TO 4" TRUNK LINE AND PROVIDE CLEAN OUTS IN FLOOR SLAB. PROVIDE CLEANOUT COVERS THAT ARE HEAVY DUTY BRASS AND FLUSH WITH FINISH FLOOR ELEVATION. RE-MEP DRAWINGS
- FOUR TEMPORARY KETTLES LOCATED IN THE BAKERY FOR KITCHEN PHASING ACTIVITIES EXISTING KETTLES TO BE REMOVED AND REINSTALLED BY OWNER FOR TEMPORARY KITCHEN ACTIVITIES. OWNER WILL DISCONNECT ONCE NO LONGER IN USE/NEEDED.
- PROVIDE TEMPORARY LIGHTING AND VENTILATION AS NEEDED IN PHASING AREAS WHEN CONSTRUCTION ACTIVITIES REQUIRE DOWNTIME OF EXISTING MEP SYSTEMS.
- REPLACE EXISTING FREEZER/COOLER DOOR WITH NEW EXTERIOR GRADE DOOR SYSTEM AND FULL PERIMETER SEALS
- REPLACE EXISTING DOOR AND FRAME WITH NEW HOLLOW METAL DOOR AND FRAME.
- REMOVE EXISTING COOLER/ FREEZER DOOR AND FRAME. REPLACE WITH NEW STANDARD HOLLOW METAL FRAME AND DOOR SYSTEM.
- ABANDON EXISTING FLOOR DRAIN. CAP BELOW FINISH FLOOR. LEVEL DRAIN SWEEP-AROUND SO THAT THE FINISH FLOOR ELEVATION MATCHES ADJACENT FLOOR ELEVATION. PREPARE TO RECEIVE FLOOR TILE
- REPLACE EXISTING FREEZER/COOLER DOOR
- NEW HAND SINK RE-MEP
- EXISTING HM DOOR TO REMAIN. PREPARE FOR NEW PAINT
- SECURED ACCESS DOOR

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RENOVATE KITCHEN
FOOD SERVICE
BUILDING, MOBERLY
CORRECTIONAL
CENTER

MOBERLY, MISSOURI

PROJECT # C2419-01
SITE # 7005
ASSET # 9327005027

REVISION: _____
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ISSUE DATE: 3/30/2026

CAD DWG FILE: *.dwg
DRAWN BY: CTN
CHECKED BY: CG
DESIGNED BY: CG

SHEET TITLE:
FLOOR PLAN

SHEET NUMBER:

A102

SHEET 6 OF 23
3/30/2026

ROOM FINISH SCHEDULE									
ROOM NO.	ROOM NAME	FLOOR FINISH	CEILING FINISH	BASE FINISH	NORTH WALL FINISH	East Wall Finish	SOUTH WALL FINISH	WEST WALL FINISH	COMMENTS
103	PLATING	T1	P2	TB1	P1	P1 / WC2	P1	P1	WC TO +/- 8'-4" HIGH TO BOTTOM OF WINDOWS
110	MAIN KITCHEN	T1	P2	TB1	P1	P1	P1 / WC1	P1	
114	INMATES LOCKER	T1	P2	TB1	P1	P1	P1	P1	
115	INMATES TOILET	T1	P2	TB1	P1	P1	P1	P1	
116	UNIFORM STORAGE	T1	P2	TB1	P1	P1	P1	P1	
116B	NEW RESTROOM	T1	P2	TB1	P1	P1	P1	P1	
119	POTS & PANS	T1	P2	TB1	P1	P1	P1	P1	
121	CORRIDOR	T1	P2	TB1	P1	P1	P1	P1	
122	SCULLERY	T1	P2	TB1	P1 / WC1	P1 / WC1	P1 / WC1	P1 / WC1	
123	REFUSE	T1	P2	TB1	P1	P1	P1	P1	
126	STEWARD	T1	P2	TB1	P1	P1	P1	P1	
127	CLOSET	T1	P2	TB1	P1	P1	P1	P1	
128	CLOSET	T1	P2	TB1	P1	P1	P1	P1	
135	VEG. PREP	T1	P2	TB1	P1	P1	P1	P1	
138	MEAT PREPARATION	T1	P2	TB1	P1	P1	P1	P1	
141	CORRIDOR	T1	P2	TB1	P1	P1	P1	P1	

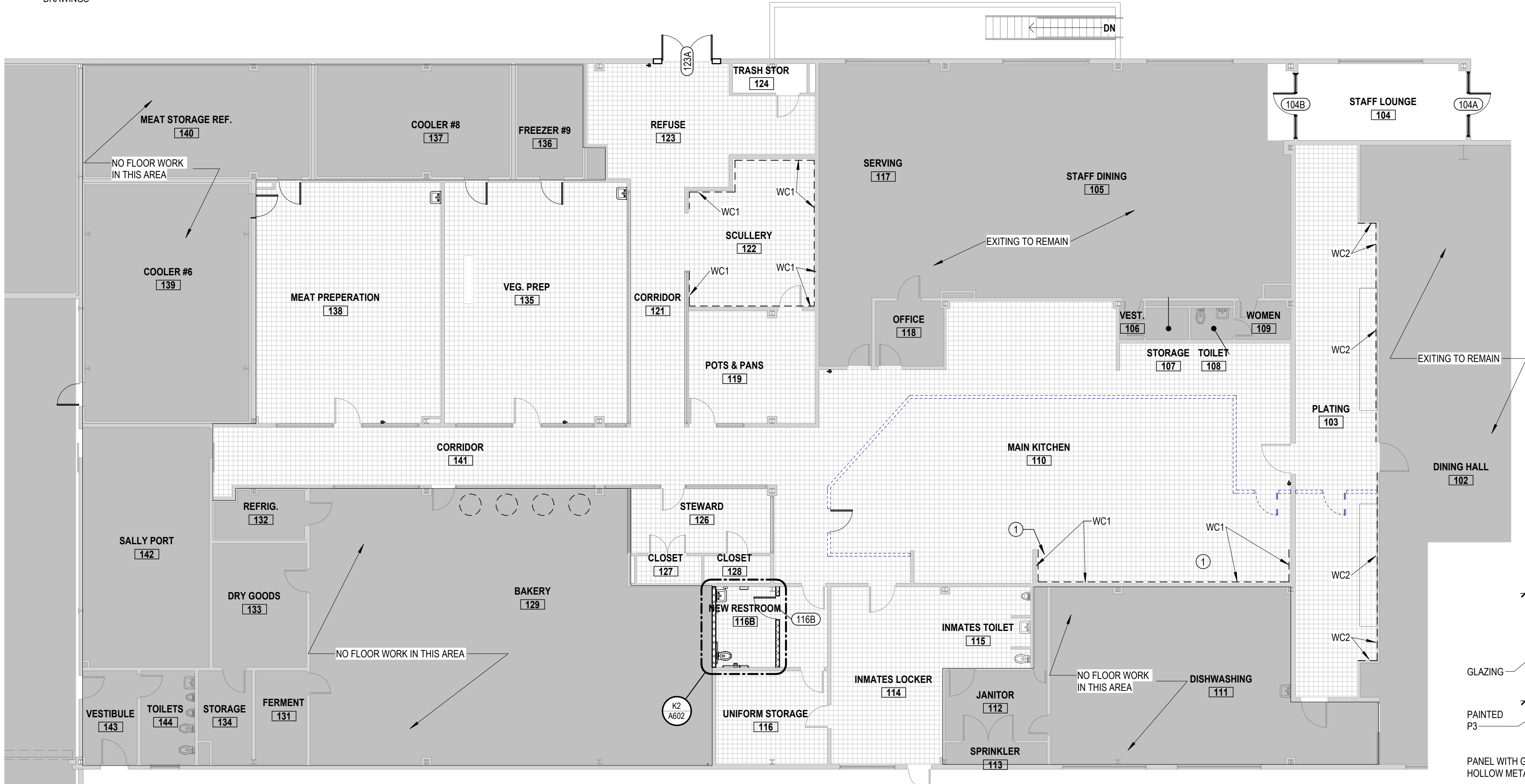
FINISH KEY							
MARK	DESCRIPTION	MANUFACTURER	Model	Color	Finish	Size	Comments
CEILINGS							
C1	GYPSUM CEILING						
PAINT / WALL CLADDING							
P1	PAINT - FIELD COLOR WALLS	SHERWIN WILLIAMS			SEMI-GLOSS		PATCH AND REPAIR CEILING AS NEEDED IN PREPARATION OF RECEIVING NEW CEILING PAINT. REMOVE LOOSE DEBRIS, FLAKING PAINT, ETC. AS REQUIRED.
P2	PAINT - FIELD COLOR CEILINGS	SHERWIN WILLIAMS			SEMI-GLOSS		
P3	PAINT - HM DOORS AND FRAMES	SHERWIN WILLIAMS			SEMI-GLOSS		WALL CLADDING, 4'-0" HIGH WAINSCOT +/- 8'-4" HIGH TO BOTTOM OF WINDOWS IN ROOM 103, PLATING). STAINLESS STEEL TRIM MOLDING AT ALL EDGES, CORNERS AND SEAMS.
WC1	STAINLESS STEEL WALLCLADDING	SEE SPECS					
WC2	STAINLESS STEEL WALLCLADDING	SEE SPECS					WALL CLADDING, +/- 8'-4" HIGH TO BOTTOM OF WINDOWS.
TILE FLOORING							
T1	QUARRY FLOOR TILE	DALTILE	QUETREAD	CHARCOAL 0Q96	TREAD	6" x 6"	
TB1	TILE BASE	DALTILE	QUETREAD	CHARCOAL 0Q96		HEIGHT MIN 4", MAX 8"	

DOOR SCHEDULE								
Door		Panels			Frame			Comments
Number	Number of Panels	Type	Width	Height	Frame Type	Jamb Width	Head Height	
104A	1	P20HM	3'-0"	7'-0"	FCW00AL	-	0"	SEE HM ELEVATION "A"
104B	1	P20HM	3'-0"	7'-0"	FCW00AL	-	0"	SEE HM ELEVATION "A"
116B	1	P00HM	3'-0"	7'-0"	F00HM	2"	4"	INSULATED DOOR WITH SWEEPS AND FULL PERIMETER WEATHER SEALS. PROVIDE CLOSERS. SEE DOOR 123-A ELEVATION FOR DETAILS.
123A	2	P00HM	3'-6"	7'-0"	-X0AL	0"	0"	

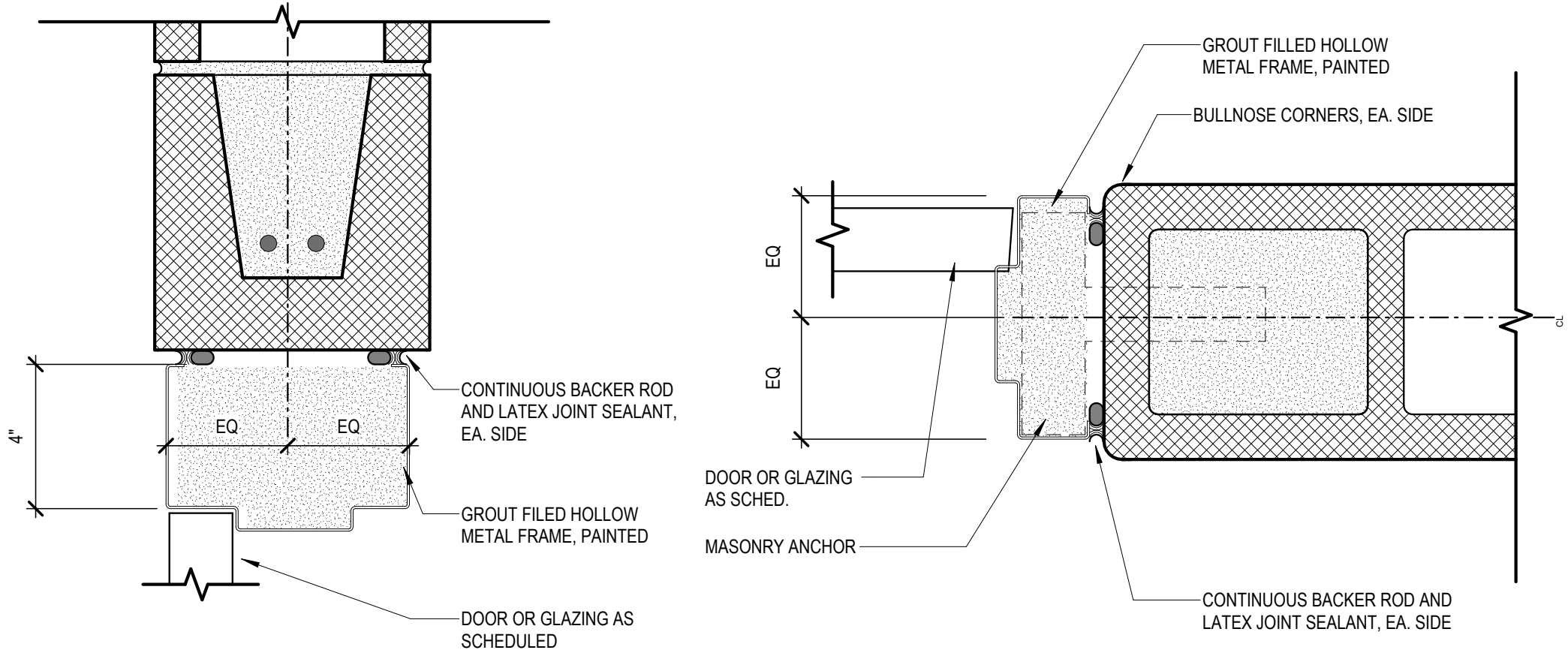
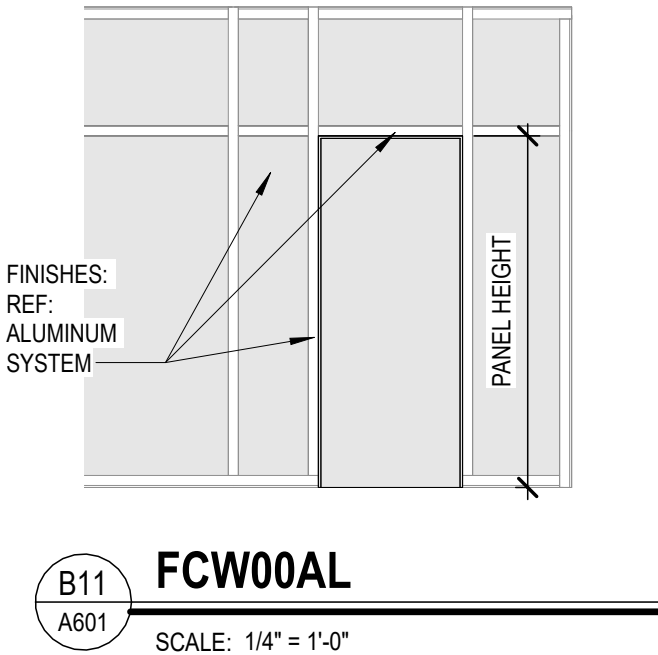
- GENERAL CONTRACTOR AND HARDWARE SUPPLIER SHALL COORDINATE WITH D.O.C. (DEPARTMENT OF CORRECTIONS) FOR BEST LOCK CYLINDER CORES.
- GC TO PROVIDE AND SUPPLY BLANK CORES TO OWNER, AS OWNER WILL PIN ALL CYLINDER CORES THEMSELVES, BUT CONTRACTOR TO INSTALL.
- BEST CYLINDER CORES TO BE 7-PIN, CONFIRM WITH D.O.C. PRIOR TO PURCHASE.
- GC TO SET UP DOOR HARDWARE COORDINATION MEETING WITH D.O.C. AND HARDWARE SUPPLIER TO CONFIRM ALL DOOR LOCATIONS TO RECEIVE NEW CORES.
- ALL DOOR HARDWARE TO BE ADA COMPLIANT. CONFIRM CORRECTIONAL PACKAGES WITH D.O.C. ; I.E. CLOSERS, LEVER SETS, ETC.

FINISH FLOOR PLAN KEYNOTES

- COORDINATE AND PROVIDE 3" TO 4" DRAIN AND TRUNK LINE TO HAVE CLEAN OUTS IN FLOOR SLAB. PROVIDE CLEANOUT COVERS THAT ARE HEAVY DUTY BRASS AND FLUSH WITH FINISH FLOOR ELEVATION. RE: MEP DRAWINGS

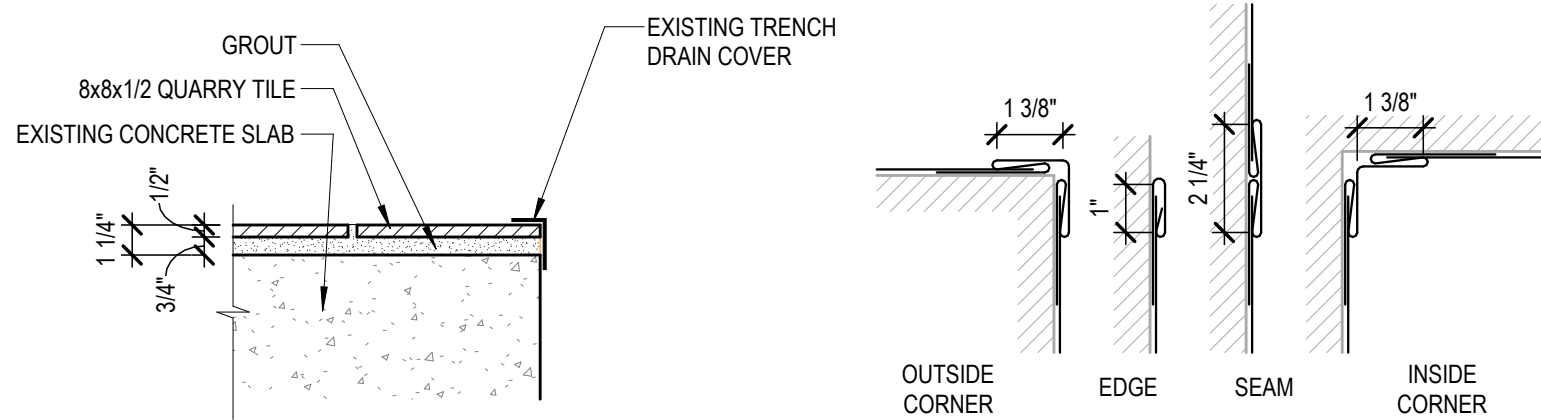


FINISH FLOOR PLAN
Project North
K1
A601
SCALE: 3/32" = 1'-0"



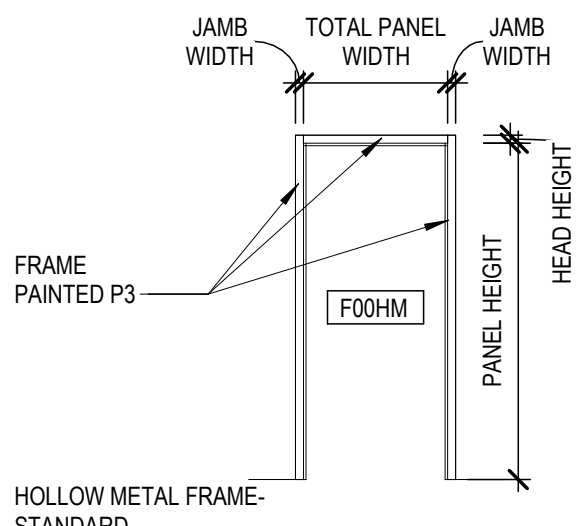
C14 CMU HEAD DETAIL
A601
SCALE: 3" = 1'-0"

C17 CMU JAMB DETAIL
A601
SCALE: 3" = 1'-0"

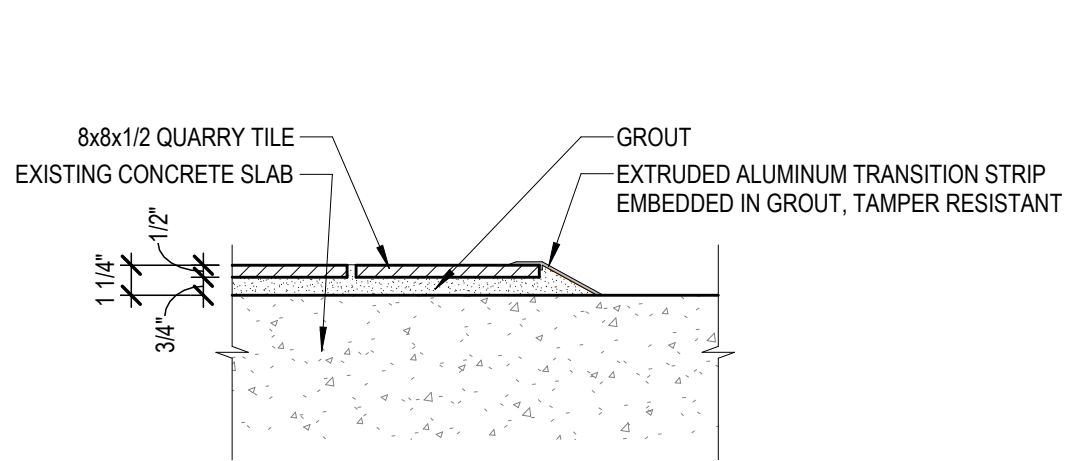


E14 TRANSITION AT TRENCH
A601
SCALE: 1 1/2" = 1'-0"

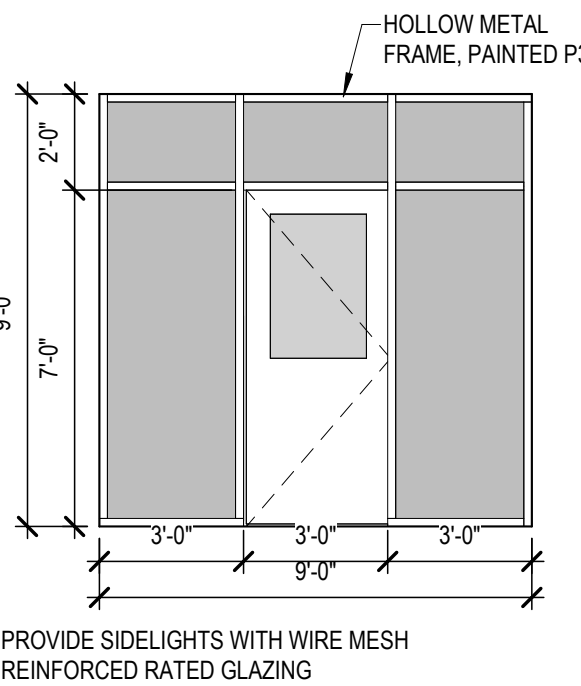
E18 STAINLESS STEEL TRIM
A601
SCALE: 3" = 1'-0"



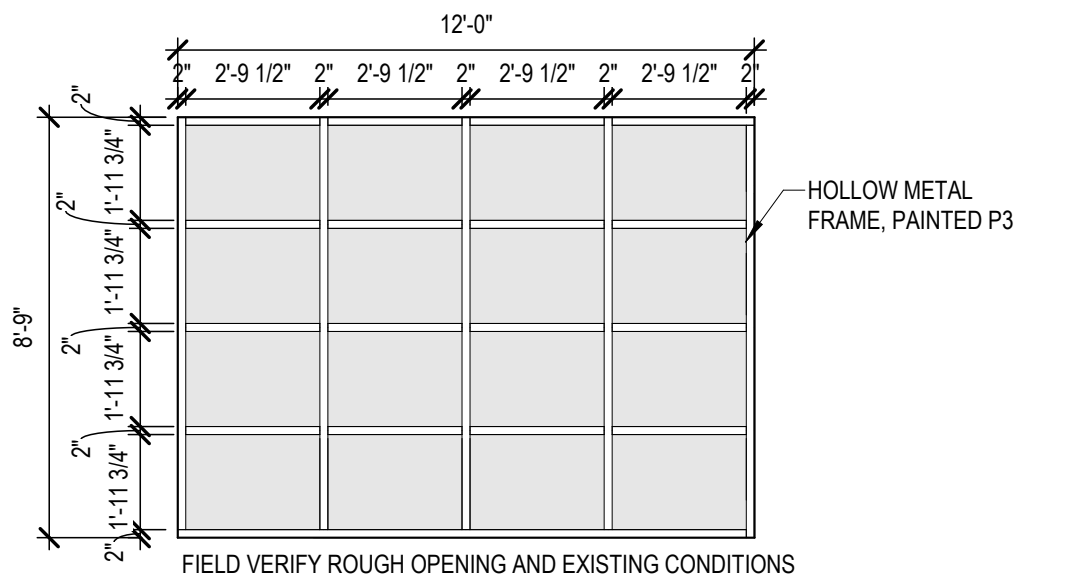
F14 F00HM
A601
SCALE: 1/4" = 1'-0"



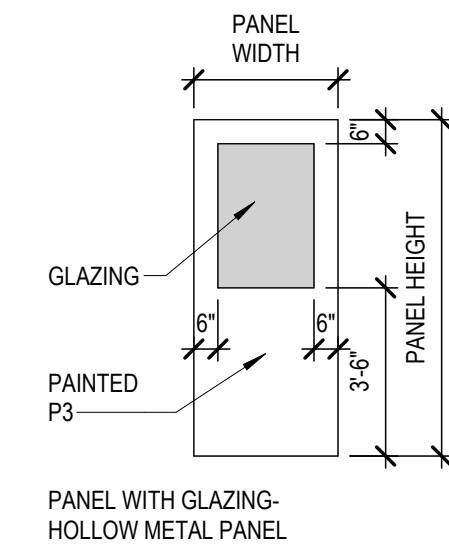
F17 TRANSITION - TILE HIGHER
A601
SCALE: 1 1/2" = 1'-0"



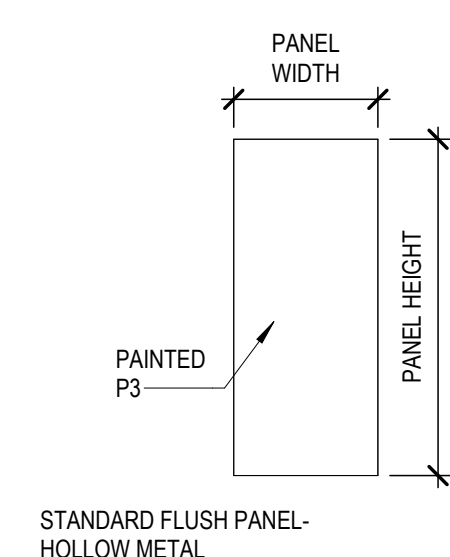
H14 HM FRAME A
A601
SCALE: 1/4" = 1'-0"



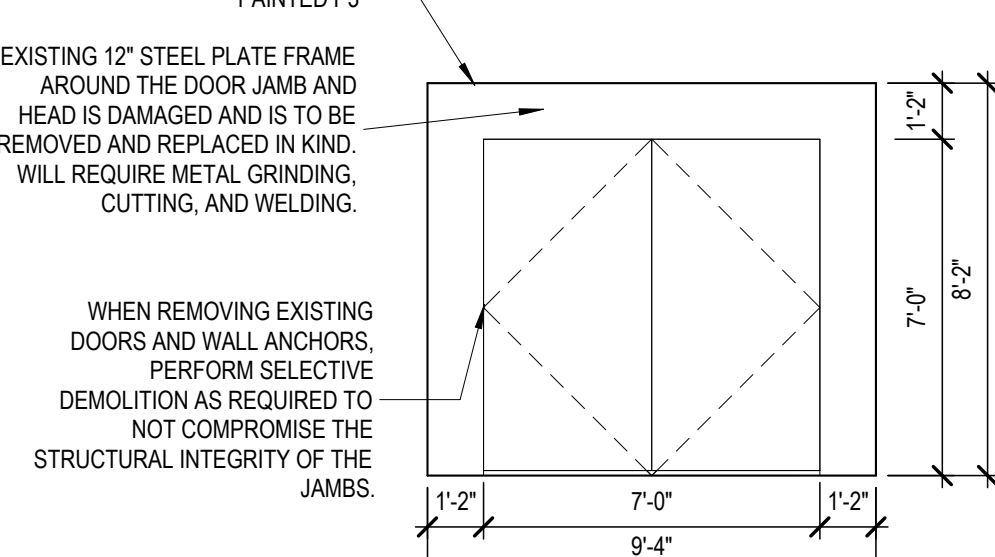
H17 HM FRAME B
A601
SCALE: 1/4" = 1'-0"



K14 P20HM
A601
SCALE: 1/4" = 1'-0"

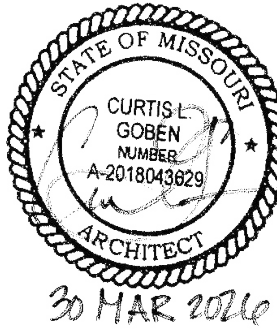


K16 P00HM
A601
SCALE: 1/4" = 1'-0"



K18 DOOR 123-A
A601
SCALE: 1/4" = 1'-0"

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ASSET # 9327005027

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CAD DWG FILE: *.dwg
DRAWN BY: CTN
CHECKED BY: CG
DESIGNED BY: CG

SHEET TITLE:
**FINISHES AND
DOORS**

SHEET NUMBER:

A601

SHEET 7 OF 23
3/30/2026



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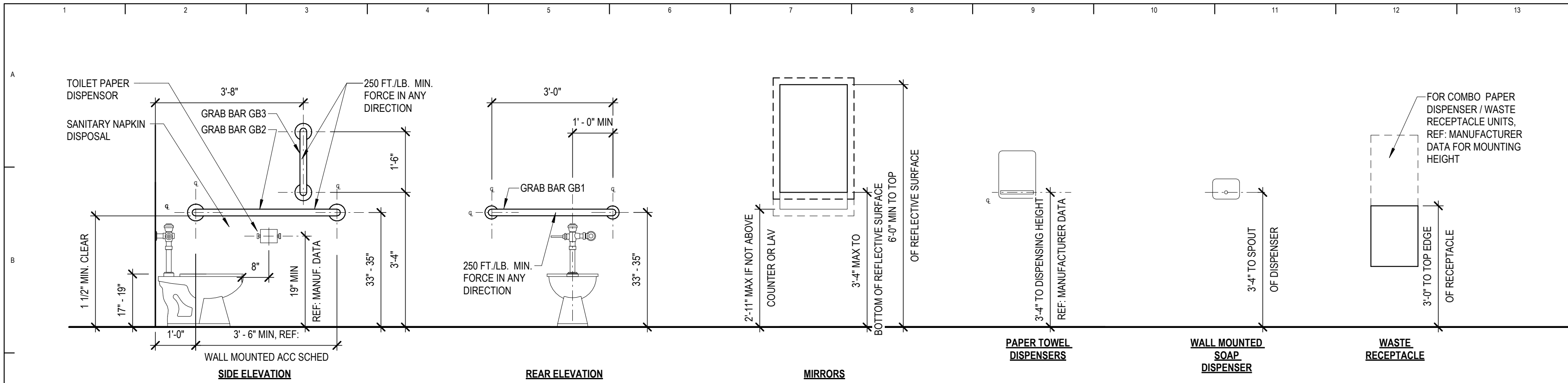
SHEET TITLE:

ENLARGED
PLANS AND
ELEVATIONS

SHEET NUMBER:

A602

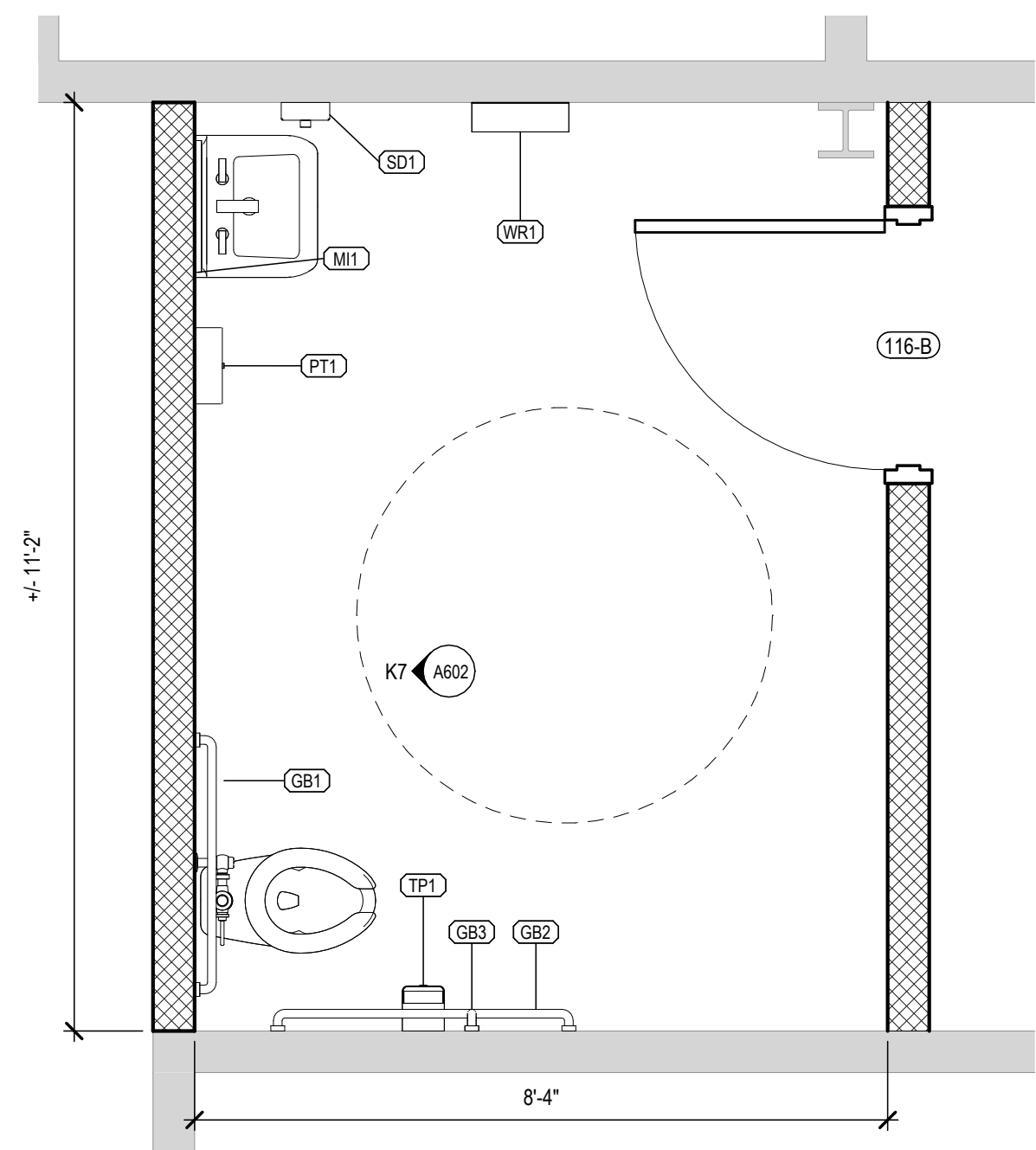
SHEET 8 OF 23
3/30/2026



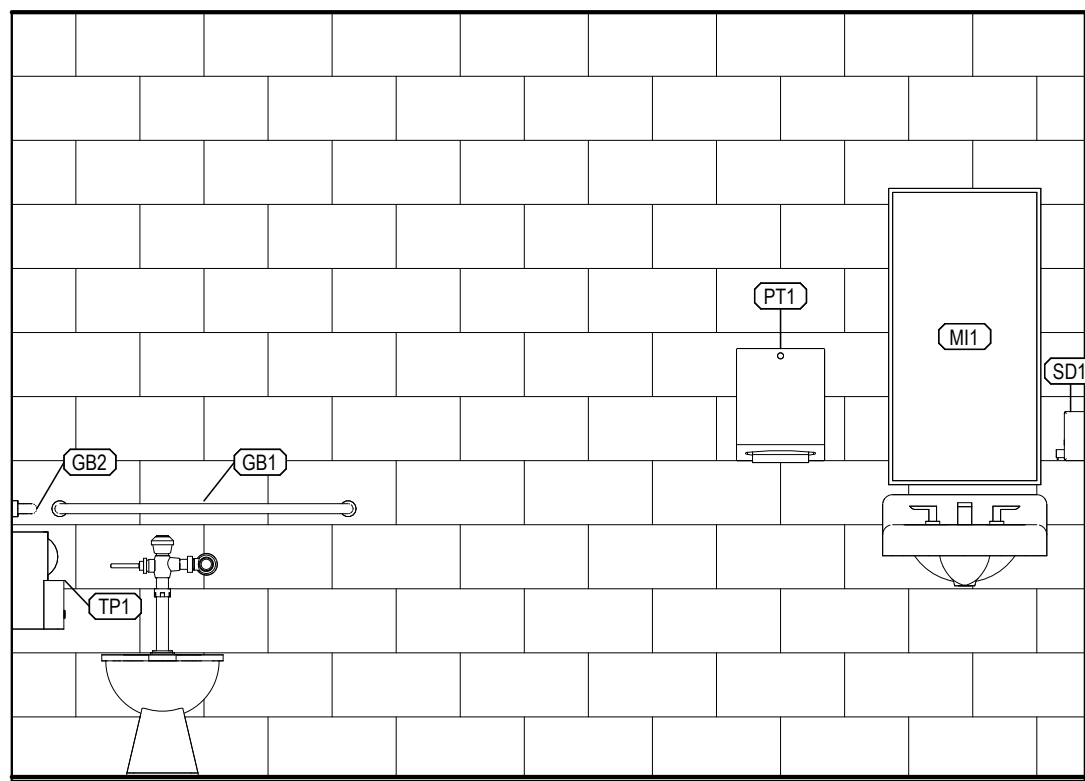
C1
A602
RESTROOM ACCESSORY MOUNTING HEIGHTS
SCALE: 1/2" = 1'-0"

WALL MOUNTED ACCESSORY SCHEDULE					
Tag	Description	Manufacturer	Model	Qty.	Comments
GB1	GRAB BAR- HORIZONTAL 36"	BOBRICK	B5806x36	1	
GB2	GRAB BAR- HORIZONTAL 42"	BOBRICK	B5806x42	1	
GB3	GRAB BAR- VERTICAL 18"	BOBRICK	B5806x18	1	
MI1	MIRROR			1	
PT1	PAPER TOWER DISPENSER	GEORGIA PACIFIC	Keyed, Single fold towels.	1	OWNER PROVIDED, CONTRACTOR INSTALLED
SD1	SOAP DISPENSER	ENCORE	9330 & 9346 Foameeze	1	OWNER PROVIDED, CONTRACTOR INSTALLED
TP1	TP DISPENSER	ASJ	20030	1	OWNER PROVIDED, CONTRACTOR INSTALLED
WR1	WASTE RECEPTACLE	BOBRICK	B277	1	

GENERAL ACCESSORY NOTES:
1. GC TO COORDINATE ALL BATHROOM ACCESSORY FIXTURES WITH OWNER & FACILITY STAFF PRIOR TO PURCHASE
2. PROVIDE TAMPER-RESISTANT FIXTURES AND ANCHORS
3. COORDINATE FIXTURE KEYING W/ OWNERS



K2
A602
ENLARGED RR PLAN
SCALE: 1/2" = 1'-0"



K7
A602
RR ELEVATION - WEST
SCALE: 1/2" = 1'-0"



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SHEET TITLE:
**REFLECTED
CEILING PLAN**

SHEET NUMBER:

A701

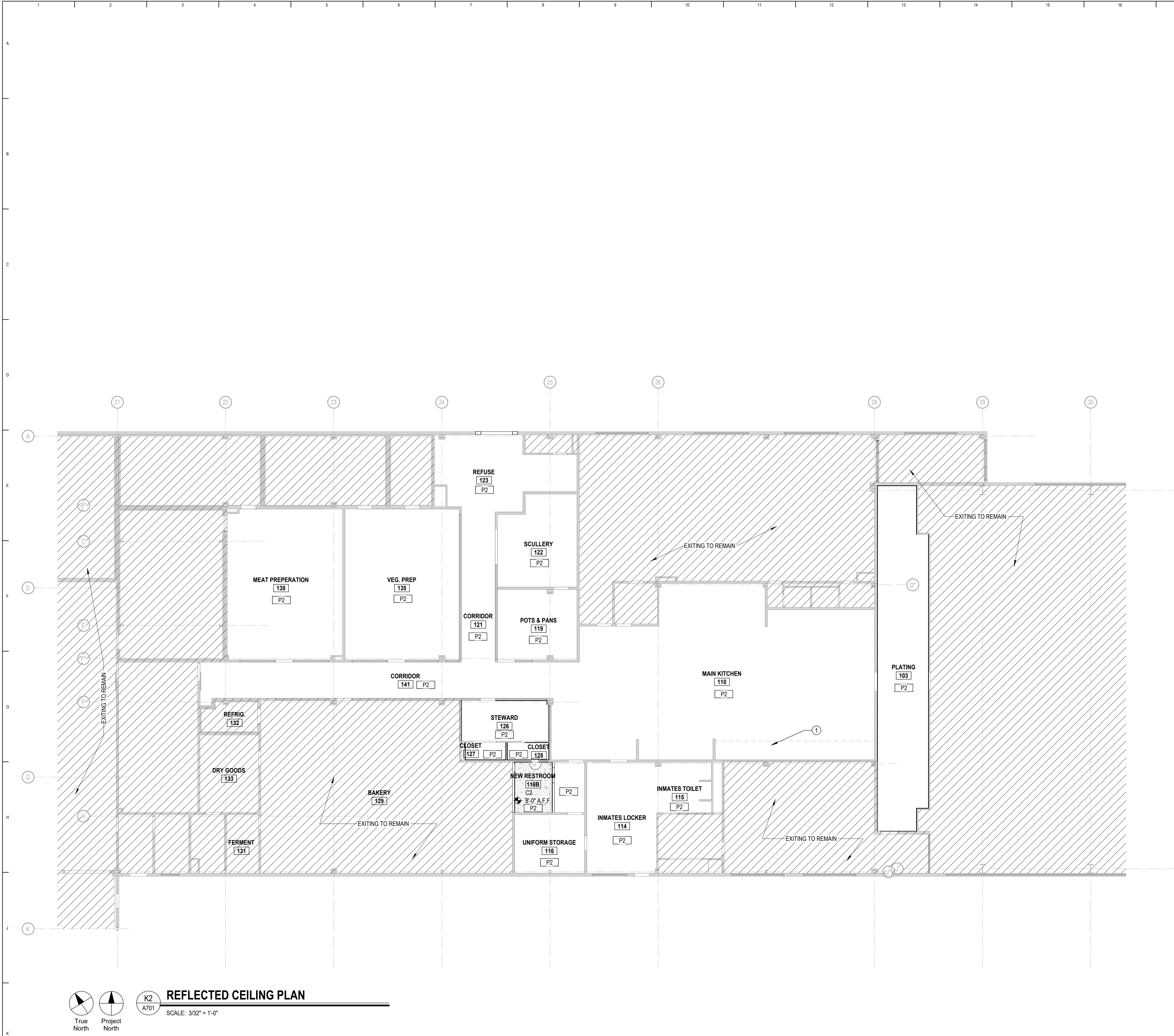
SHEET 9 OF 23
3/30/2026

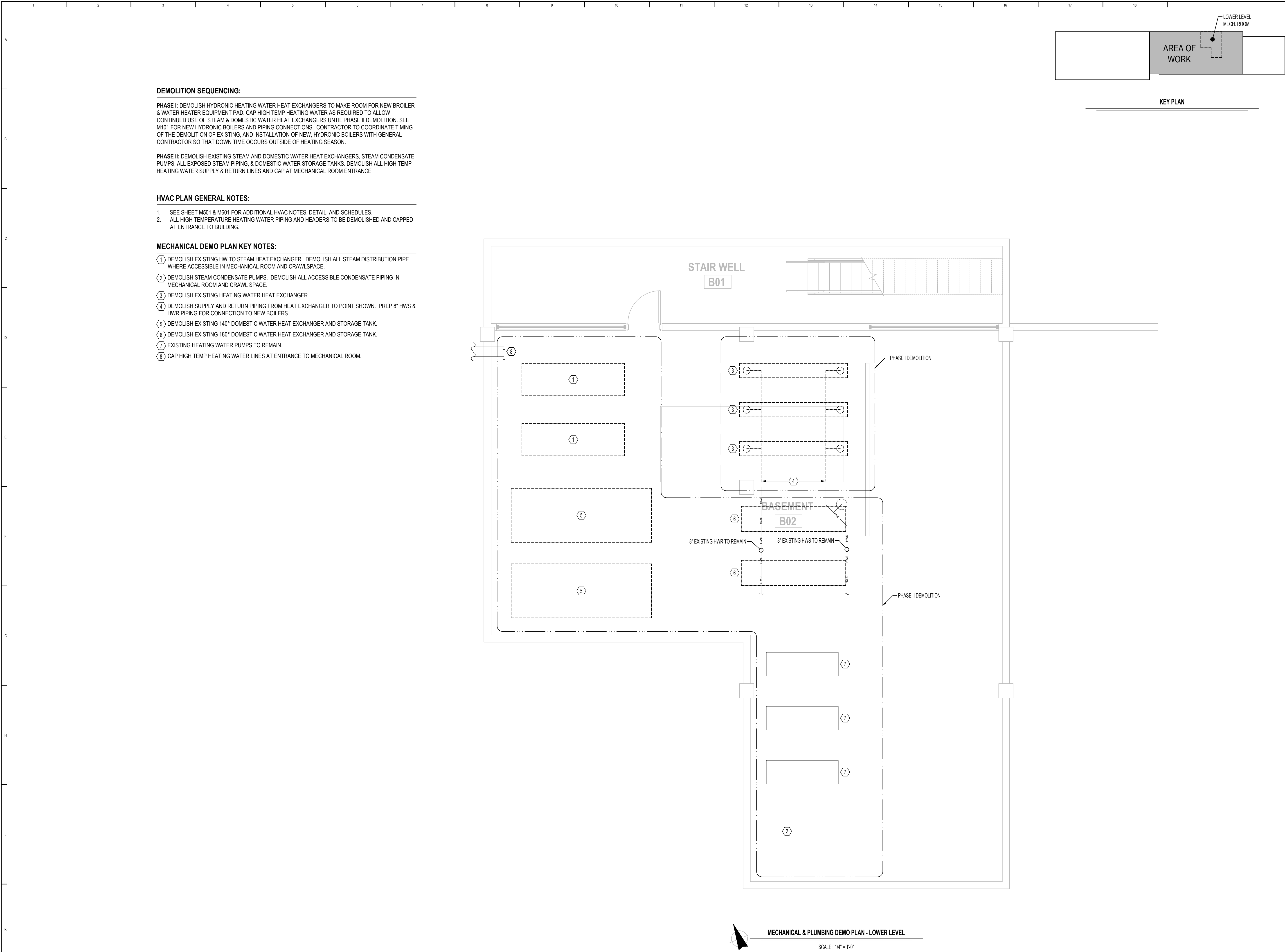
RCP GENERAL NOTES:

1. LIGHT FIXTURES, AIR TERMINALS AND GRILLES SHOWN ARE FOR ARCHITECTURAL COORDINATION AND DIMENSIONAL CONTROL ONLY. REF. MECHANICAL AND ELECTRICAL DRAWINGS FOR LIGHT FIXTURE, AIR TERMINAL AND GRILLE TYPES AND SPECIFICATIONS. NOT ALL FIXTURES MAY BE SHOWN ON ARCHITECTURAL REFLECTED CEILING PLANS
2. ACCESS PANELS TO BE INSTALLED IN NON-ACCESSIBLE CEILINGS WHERE ACCESS IS REQUIRED TO SERVICE, MAINTAIN, OR ADJUST MECHANICAL OR ELECTRICAL FIXTURES ABOVE CEILING. ACCESS PANELS MAY NOT BE SHOWN IN ARCHITECTURAL REFLECTED CEILING PLANS. PAINT ALL ACCESS PANELS TO MATCH ADJACENT CEILING FINISH UNO. COORDINATE ALL LATCHING, SECURING, AND FASTENING HARDWARE WITH DOC PRIOR TO PURCHASE.
3. CEILING ELEVATIONS ARE MEASURED OFF ASSOCIATED FLOOR ELEVATIONS.
4. ALL CEILING GRID SYSTEMS ARE TO BE CENTERED WITHIN SPACE, UNLESS NOTED OR DIMENSIONED OTHERWISE
5. LIGHT FIXTURES, AIR TERMINALS (EXCEPT LINEAR SLOTS), GRILLES (EXCEPT LINEAR SLOTS), EXIT SIGNS, SMOKE DETECTORS, SPEAKERS, STROBES, SPRINKLERS, AND MISCELLANEOUS DEVICES SHALL BE CENTERED IN THE CEILING TILE IN WHICH THEY OCCUR. LINEAR SIGHT DEVICES SHALL BE ALIGNED TO EDGE OF TILE. REF. MECHANICAL AND ELECTRICAL DRAWINGS FOR MOUNTING LOCATIONS OF ITEMS WHERE NO CEILING IS REQUIRED OR INDICATED.

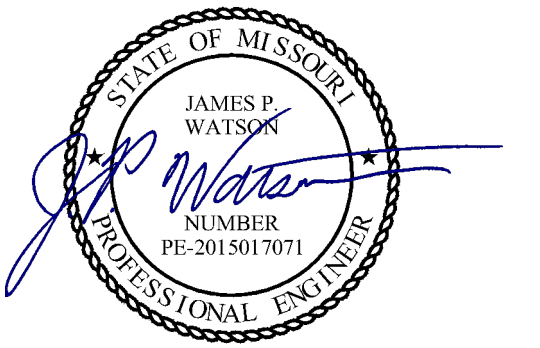
RCP KEYNOTES

- 1 RE: MEP DRAWINGS FOR CEILING / HOOD CONDITIONS TO BE MODIFIED.



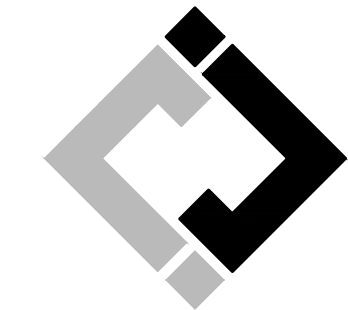


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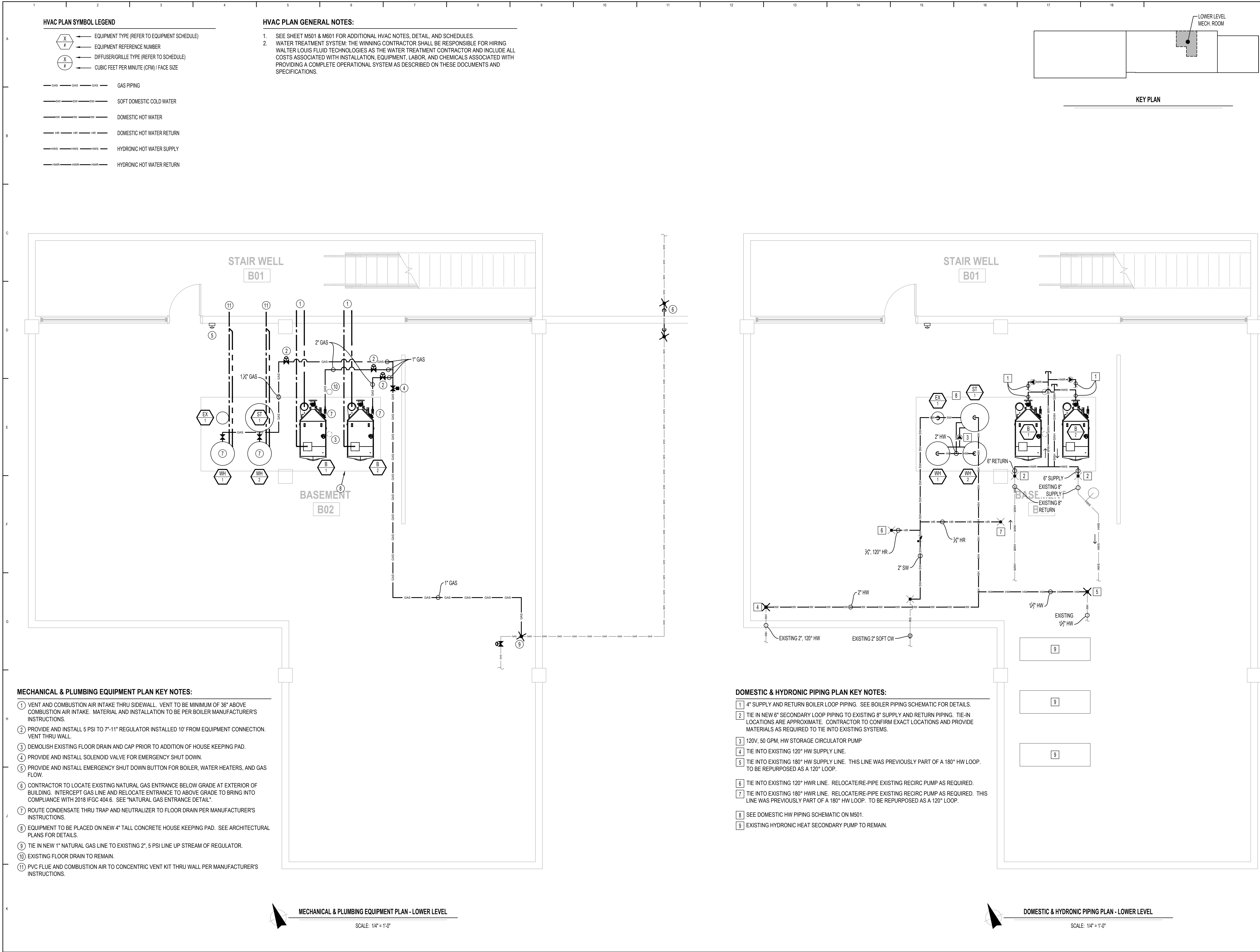
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CHECKED BY: JPW
DESIGNED BY: JPW

SHEET TITLE:
**MECHANICAL
DEMOLITION PLAN -
LOWER LEVEL**

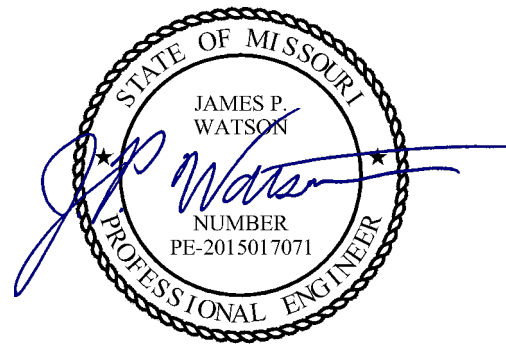
SHEET NUMBER:

MD101

SHEET 10 OF 23
3/30/2026



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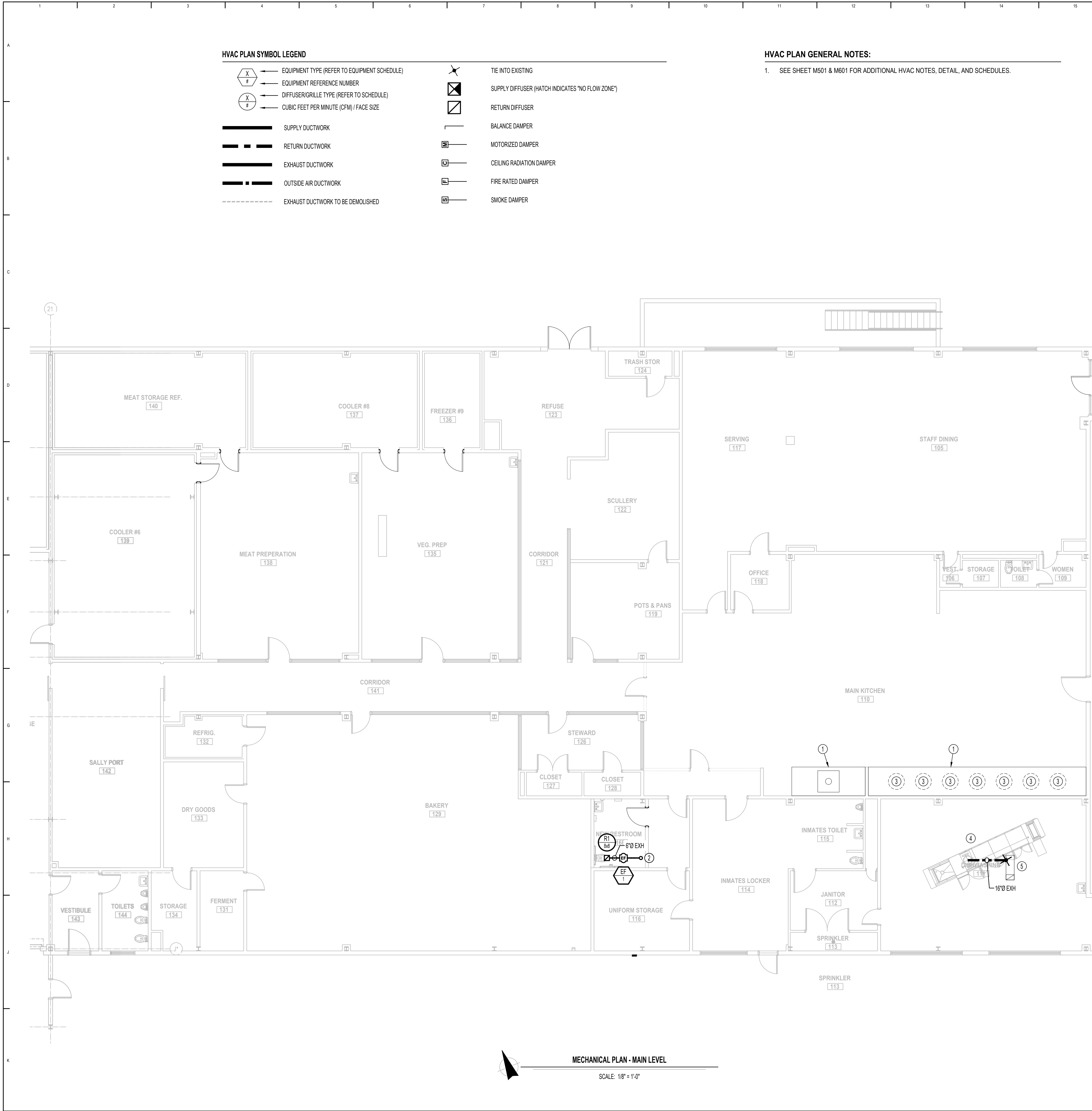
SHEET TITLE:

**MECHANICAL
PLAN -
LOWER LEVEL**

SHEET NUMBER:

M101

SHEET 11 OF 23
3/30/2026



HVAC PLAN SYMBOL LEGEND

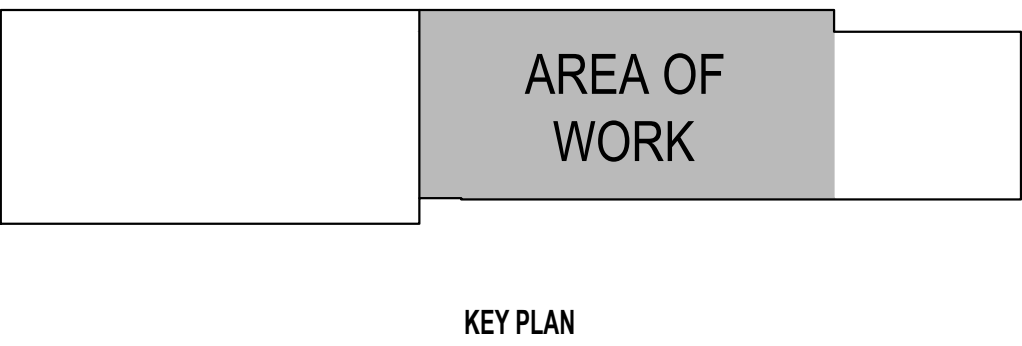
	EQUIPMENT TYPE (REFER TO EQUIPMENT SCHEDULE)		TIE INTO EXISTING
	EQUIPMENT REFERENCE NUMBER		SUPPLY DIFFUSER (HATCH INDICATES "NO FLOW ZONE")
	DIFFUSER/GRILLE TYPE (REFER TO SCHEDULE)		RETURN DIFFUSER
	CUBIC FEET PER MINUTE (CFM) / FACE SIZE		BALANCE DAMPER
	SUPPLY DUCTWORK		MOTORIZED DAMPER
	RETURN DUCTWORK		CEILING RADIATION DAMPER
	EXHAUST DUCTWORK		FIRE RATED DAMPER
	OUTSIDE AIR DUCTWORK		SMOKE DAMPER
	EXHAUST DUCTWORK TO BE DEMOLISHED		

HVAC PLAN GENERAL NOTES:

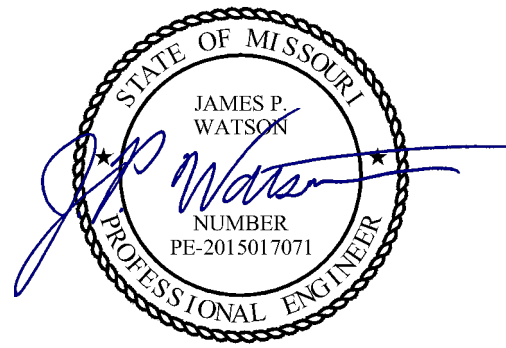
- SEE SHEET M501 & M601 FOR ADDITIONAL HVAC NOTES, DETAIL, AND SCHEDULES.

HVAC PLAN KEY NOTES:

- EXISTING TYPE I HOOD, GREASE DUCT AND ROOF MOUNTED EXHAUST FANS TO REMAIN. EXISTING HOOD FIRE SUPPRESSION SYSTEM TO BE MODIFIED AS NECESSARY FOR NEW EQUIPMENT BENEATH HOOD. SEE KITCHEN EQUIPMENT PLANS FOR DETAILS.
- EXHAUST DUCT TO ROUTE UP TO EF-1 ON MECHANICAL MEZZANINE AND UP TO GOOSENECK ON ROOF.
- DISCONNECT EXISTING STEAM KETTLE AND DEMOLISH STEAM AND CONDENSATE PIPING ABOVE AND THROUGH FLOOR TO ALLOW LEVELING AND REFINISHING OF FLOOR.
- DISCONNECT EXISTING DISHWASHER AND DEMOLISH STEAM AND CONDENSATE PIPING ABOVE AND THROUGH FLOOR TO ALLOW LEVELING AND REFINISHING OF FLOOR.
- DISCONNECT EXISTING DISH MACHINE FROM EXHAUST DUCT. MODIFY/EXTEND DUCT AS REQUIRED TO CONNECT TO 16" CONNECTION ON NEW DISH MACHINE. COORDINATE INSTALLATION WITH KEC.



STATE OF MISSOURI
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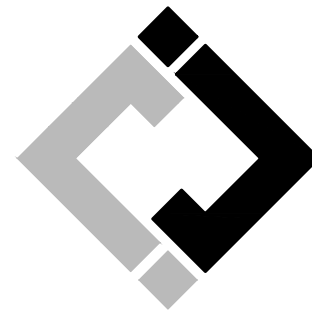


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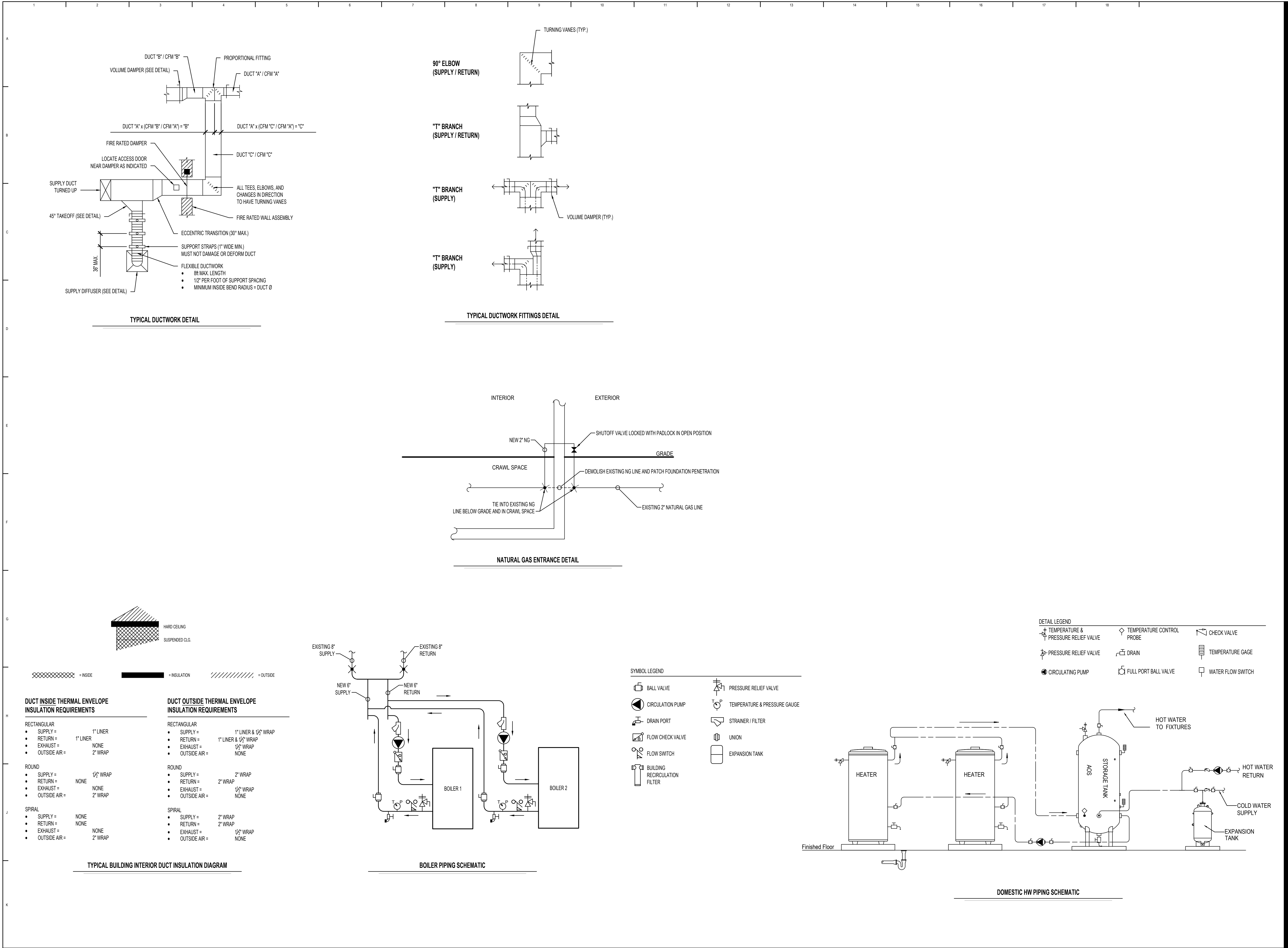
SHEET TITLE:

MECHANICAL
PLAN -
MAIN LEVEL

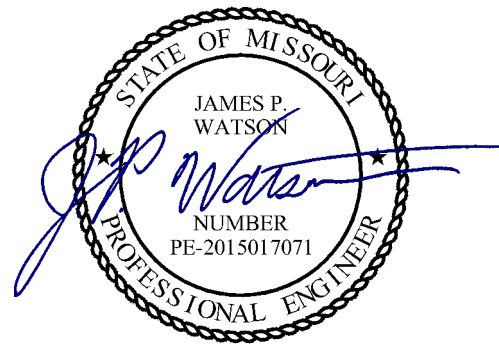
SHEET NUMBER:

M102

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3/30/2026

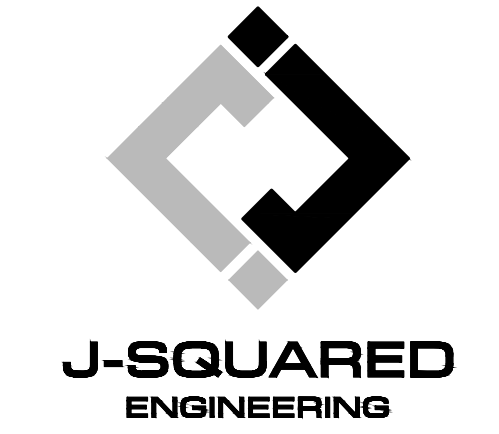


STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



James Watson, P.E. March 30, 2026
PE-2015017071
MO Certificate of Authority # 2018029680

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OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

RENOVATE KITCHEN
MOBERLY
CORRECTIONAL
CENTER

MOBERLY, MISSOURI

PROJECT # C2419-01
SITE # 7005
ASSET # 9327005027

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ISSUE DATE: 3/30/2026

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SHEET TITLE:

MECHANICAL
DETAILS

SHEET NUMBER:

M501

SHEET 13 OF 23
3/30/2026

HVAC SPECIFICATIONS

1. GENERAL
- 1.1. REFER TO SECTION 23 MEP SPECIFICATIONS SECTION FOR ADDITIONAL REQUIREMENTS.
2. WORKMANSHIP
- 2.1. COORDINATE WITH ALL OTHER TRADES SO THAT HVAC EQUIPMENT AND DUCT WORK DOES NOT BLOCK REQUIRED ACCESS OR CLEARANCE TO ANY EQUIPMENT, ACCESS PANELS, ELECTRICAL JUNCTION BOXES, ELECTRICAL PANELS, ETC.
- 2.2. ALL HVAC EQUIPMENT IS TO BE INSTALLED PER MANUFACTURER'S PUBLISHED RECOMMENDATIONS AND/OR INSTALLATION INSTRUCTIONS.
- 2.3. ALL EQUIPMENT TO BE INSTALLED LEVEL AND PLUMB, PARALLEL OR PERPENDICULAR TO BUILDING ORIENTATION WHERE POSSIBLE.
- 2.4. FIELD COORDINATE LOCATIONS OF ALL DIFFUSERS, GRILLES, REGISTERS, ETC. WITH LIGHT FIXTURE LOCATIONS AND ADJUST AS NECESSARY.
3. EQUIPMENT
- 3.1. ALL EQUIPMENT SHOWN ON MECHANICAL PLANS SHALL BE PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR UNLESS NOTED OTHERWISE.
- 3.2. ALL EQUIPMENT MUST PROVIDE PERFORMANCE AS SPECIFIED ON PLANS. WHERE SPECIFIC MANUFACTURERS AND/OR MODELS ARE INDICATED ON PLANS, CONTRACTOR TO PROVIDE MODEL INDICATED OR APPROVED EQUAL. VERIFY SUBSTITUTION APPROVAL PRIOR TO PURCHASE OR INSTALLATION OF EQUIPMENT.
- 3.3. CONTRACTOR TO SUPPLY SUBMITTALS FOR ALL EQUIPMENT FOR REVIEW BY ARCHITECT AND ENGINEER. FORMAL APPROVAL SHALL BE RECEIVED BY CONTRACTOR PRIOR TO EQUIPMENT PURCHASE.
- 3.4. CONTRACTOR TO SHARE APPROVED EQUIPMENT SUBMITTALS WITH ANY PERTINENT ELECTRICAL OR PLUMBING REQUIREMENTS WITH RESPECTIVE CONTRACTORS WITHIN TWO WEEKS OF RECEIVING APPROVED SUBMITTALS FROM ARCHITECT/ENGINEER.
- 3.5. ALL EQUIPMENT SHOWN ON PLANS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS WITH ADEQUATE ACCESS AND CLEARANCE FOR SERVICING OR REPLACEMENT.
- 3.6. IF ANY EXISTING EQUIPMENT IS TO BE REUSED, CLEAN AND INSPECT EQUIPMENT PRIOR TO BEGINNING WORK. VERIFY THAT EQUIPMENT IS IN GOOD WORKING CONDITION, REPORT ANY DEFICIENCIES TO ENGINEER.

EXHAUST FAN SCHEDULE

TAG	EQUIPMENT TYPE	MANUFACTURER (OR EQUAL)	MODEL (OR EQUAL)	FLOW		ELECTRICAL			PHYSICAL		NOTES
				CFM	S.P.	VOLT/PH	MCA	OCP	DIM.	WEIGHT	
EF-1	IN-LINE EXHAUST FAN	SOLER & PALAU	TD-SILENT 125XS	50	3/8"	120 / 1	0.3	15	23x10x8	12	1,2
NOTES: 1. WITH BACKDRAFT DAMPER 2. WITH SPEED CONTROLLER											

AIR DEVICE SCHEDULE

TAG	SERVICE	MANUFACTURER (OR EQUAL)	MODEL (OR EQUAL)	SIZE	COLOR / FINISH	NOTES
R1	EXHAUST	PRICE	530	AS INDICATED	WHITE	
NOTES: 1. VERIFY AIR DEVICE FINISHES WITH OWNER/ARCHITECT PRIOR TO INSTALLATION						

BOILER SCHEDULE

				GAS BURNER				WATER SIDE		GAS CONNECTION	WATER CONNECTION	AIR INLET SIZE	VENT SIZE	ELECTRICAL		NOTES
TAG	DESCRIPTION	MANUFACTURER (OR EQUAL)	MODEL (OR EQUAL)	INPUT MBH		OUTPUT (MBH)	THERMAL EFFICIENCY	TEMPERATURE								
				MAX BTU/HR	MIN BTU/HR			EWI	LWT							
B-1	BOILER	LOCHINVAR	FBN2001	1,999,000	80,000	1,924	96%	120	140	1-1/2"	4"	8" PVC	8" PVC	120	20-1	1,2,3,4,5
B-2	BOILER	LOCHINVAR	FBN2001	1,999,000	80,000	1,924	96%	120	140	1-1/2"	4"	8" PVC	8" PVC	120	20-1	1,2,3,4,5
NOTES:																
1. PROVIDE CONDENSATE NEUTRALIZATION KIT																
2. SYSTEM IS 100% WATER																
3. BOILER SHALL BE PROVIDED WITH BOILER LOOP PUMP (EQUAL TO LOCHINVAR GRUNFOS)																
4. WITH BACNET CARD FOR FUTURE USE																
5. LOW WATER CUT-OFF SWITCH																

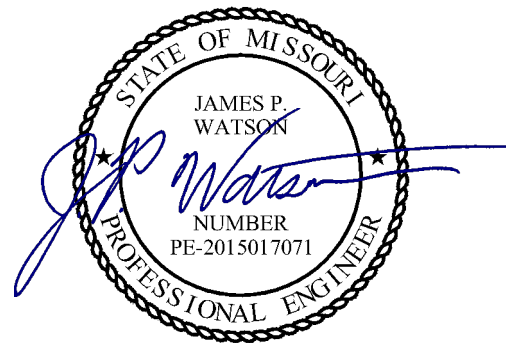
WATER HEATER SCHEDULE

				GAS BURNER		GAS CONNECTION	WATER CONNECTION	AIR INLET SIZE	VENT SIZE	ELECTRICAL		NOTES
TAG	DESCRIPTION	MANUFACTURER (OR EQUAL)	MODEL (OR EQUAL)	INPUT MBH	THERMAL EFFICIENCY					VOLT/PH	MOCP	
				MAX BTU/ HR								
WH-2	WATER HEATER	RHEEM	GHE100SS	199,000	97%	1	2"	3"	3"	120	20-1	1,2
WH-2	WATER HEATER	RHEEM	GHE100SS	199,000	97%	1	2"	3"	3"	120	20-1	1,2
NOTES: 1. PROVIDE CONDENSATE NEUTRALIZATION KIT 2. WITH BACNET PORT FOR FUTURE USE												

STORAGE/EXPANSION TANK SCHEDULE

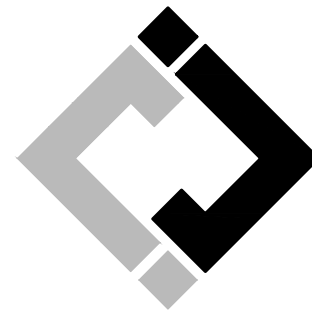
TAG	DESCRIPTION	MANUFACTURER (OR EQUAL)	MODEL (OR EQUAL)	CAPACITY (GAL)	ORIENTATION	LINING
ST-1	JACKETED HW STORAGE TANK	LOCHINVAR	RJA200	200	VERTICAL	GLASS
EX-1	EXPANSION TANK	WATTS	DETA-42	14.5	VERTICAL	-
NOTES: 1. WITH 125 TMP VALVE						

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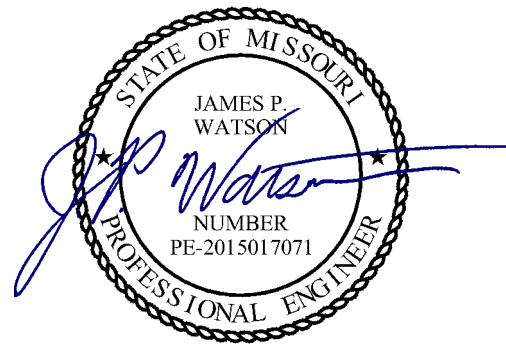
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MECHANICAL
SCHEDULES

SHEET NUMBER:

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3/30/2026

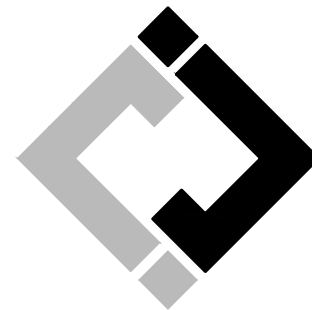


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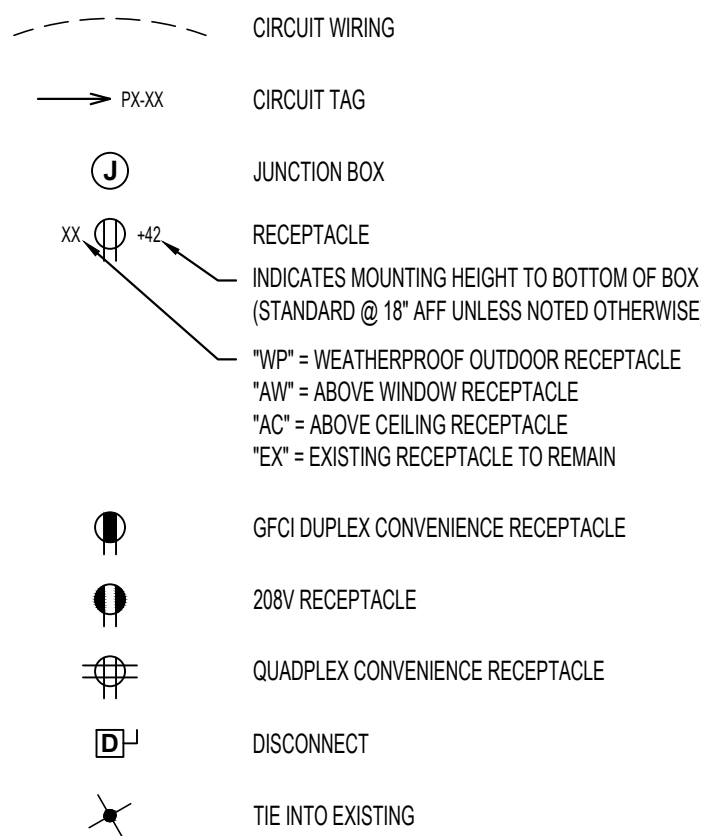
ELECTRICAL
PLAN

SHEET NUMBER:

E101

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3/30/2026

POWER PLAN SYMBOL LEGEND

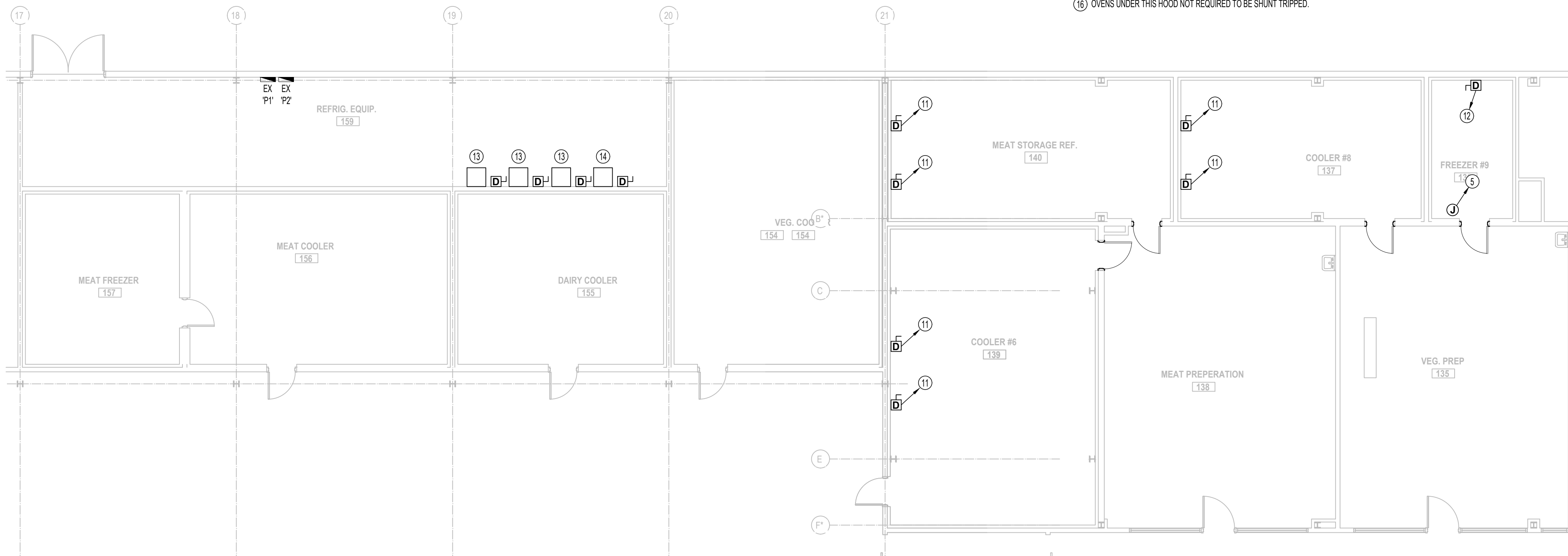


POWER PLANS GENERAL NOTES:

- SEE SHEET E501 FOR ADDITIONAL ELECTRICAL NOTES, DETAILS, & SCHEDULES.
- SEE DEMOLITION SEQUENCING ON MD101 FOR PROJECT PHASING. DISCONNECT ALL POWER/CONTROL WIRING FROM EXISTING STEAM GENERATORS, HYDRONIC, AND DOMESTIC WATER HEAT EXCHANGERS IN LOWER LEVEL MECHANICAL ROOM TO ALLOW FOR REMOVAL PER SCHEDULE. CONTRACTOR TO CONFIRM AMPACITIES OF ANY REUSED CONDUCTOR ARE SUFFICIENT FOR NEW LOADS PRIOR TO REUSE.

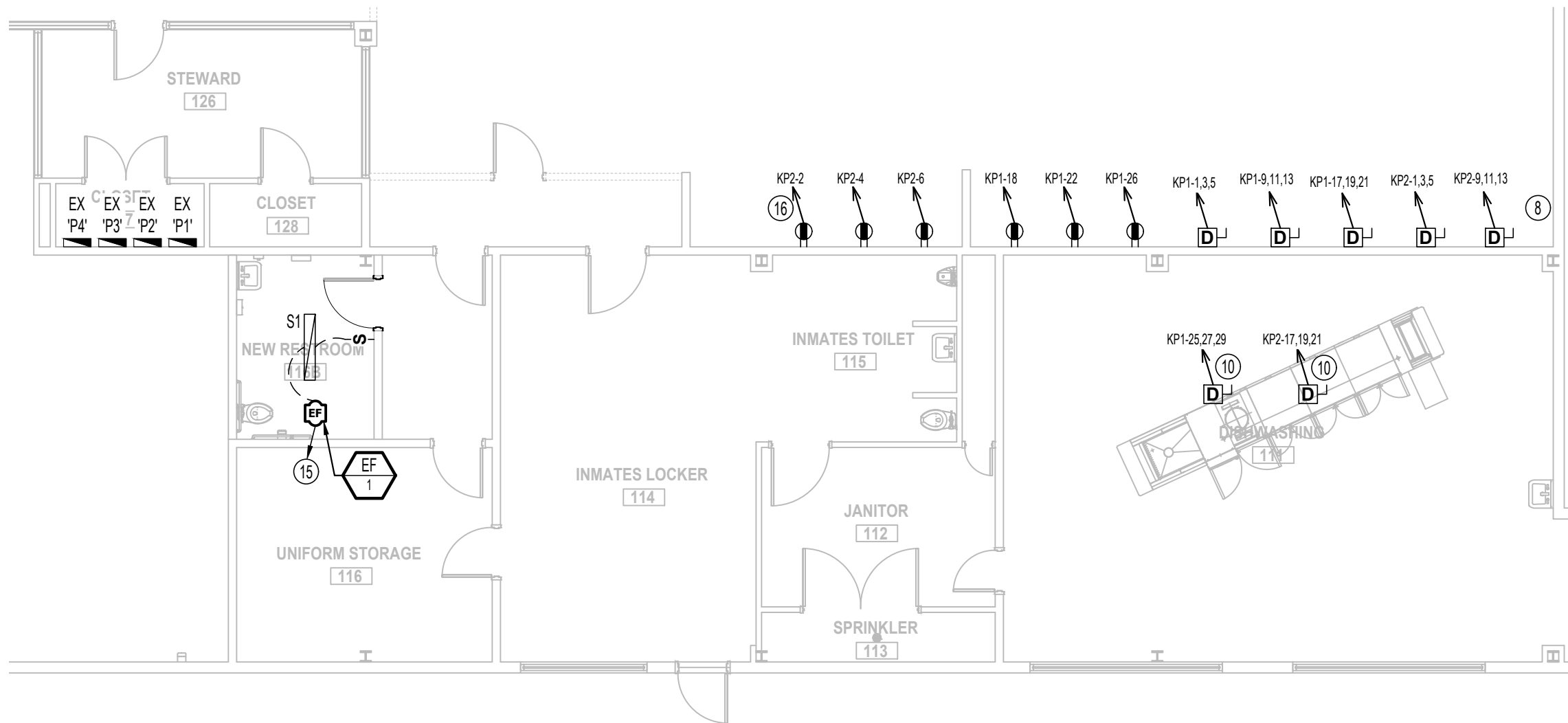
POWER PLANS KEY NOTES:

- EXISTING 4160 V SQUARE D POWER-ZONE SWITCH ASSEMBLY.
- EXISTING 500 kVA, 4160 V > 208/120 V, STEP-DOWN TRANSFORMER WITH (2) SPARE 400-3 BREAKERS.
- EXISTING 1000 AMP, 3PH, MLO PANEL.
- EXISTING 2-SECTION, 1000 AMP, 3PH, MLO PANEL.
- NEW FREEZER LIGHTS AND HEAT TRACE. CIRCUIT TO EXISTING SPARE 20-1 BREAKER IN PANEL "P1", "P2", "P3" OR "P4" OR NEW 20-1 BREAKER INSTALLED IN BLANK SPACE IN PANEL "P3".
- DISCONNECT ALL POWER TO STEAM CONDENSATE PUMPS AND CONTROLLER. REMOVE CONDUCTORS BACK TO PANEL.
- BOILER, WATER HEATER & GAS FLOW EMERGENCY STOP.
- MODIFY EXISTING HOOD CONTROLS AS REQUIRED TO ACTIVATE NEW SHUNT TRIP BREAKERS AND EM GAS SOLENOID FOR NEW COOK LINE EQUIPMENT.
- EXISTING SUB-PANEL TO REMAIN.
- CONNECT TO BREAKERS INTEGRAL TO DISHWASHER. CONFIRM DISHWASHER POWER REQUIREMENTS WITH OWNER PROVIDED DISHWASHER PRIOR TO PURCHASE/ROUGH-IN.
- RE-FEED NEW COOLER EVAPORATOR FROM EXISTING CIRCUIT PREVIOUSLY SERVING EXISTING EVAPORATOR.
- ELECTRICIAN TO IDENTIFY EXISTING CIRCUIT AND FUSE SIZE SERVING DEMOLISHED EVAPORATOR. REPLACE FUSES OR BREAKER WITH SIZES REQUIRED BY NEW FREEZER EVAPORATOR MANUFACTURER IF REQUIRED.
- REPLACE EXISTING COOLER #6, #7, #8 CONDENSING UNITS WITH NEW COOLER CONDENSING UNITS. COORDINATE REQUIRED OVER-CURRENT PROTECTION WITH FINAL EQUIPMENT SELECTION AND REPLACE EXISTING FUSES IN "P1" OR "P2" IF NOT SIZED PER EQUIPMENT MANUFACTURER'S INSTRUCTIONS. ELECTRICIAN TO RUN NEW CONDUCTORS/CONDUITS IF REQUIRED. EXISTING CONDUCTORS MAY BE REUSED IF THEY ARE OF ADEQUATE AMPACITY.
- REPLACE EXISTING COOLER CONDENSING UNIT #9 WITH NEW FREEZER CONDENSING UNIT. COORDINATE REQUIRED OVER-CURRENT PROTECTION FINAL EQUIPMENT SELECTION AND REPLACE EXISTING FUSES IN "P1" IF REQUIRED. ELECTRICIAN TO RUN NEW CONDUCTORS/CONDUITS IF REQUIRED. EXISTING CONDUCTORS MAY BE REUSED IF THEY ARE OF ADEQUATE AMPACITY.
- CIRCUIT ON EXISTING ADJACENT LIGHTING CIRCUIT.
- OVENS UNDER THIS HOOD NOT REQUIRED TO BE SHUNT TRIPPED.



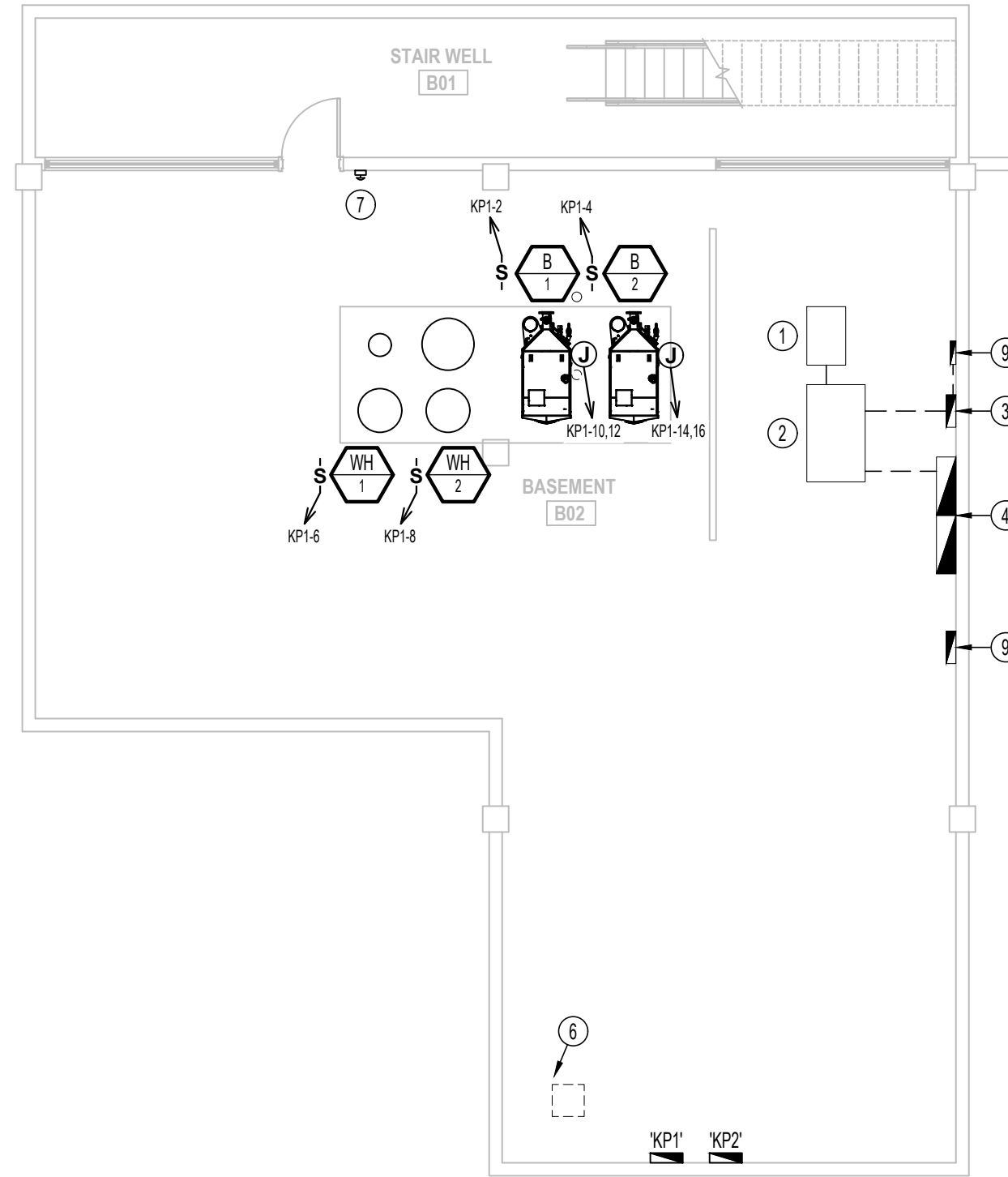
POWER PLAN - MAIN LEVEL - AREA A

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



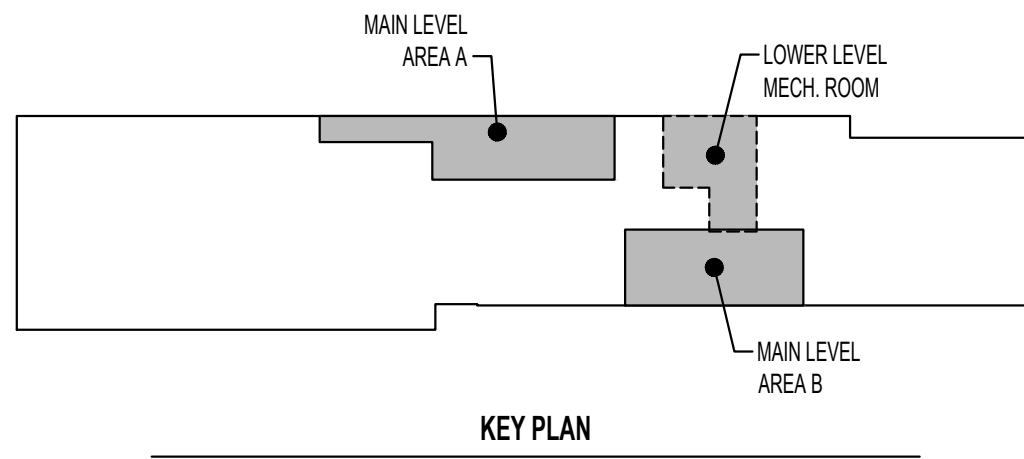
POWER PLAN - MAIN LEVEL - AREA B

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



POWER PLAN - LOWER LEVEL - MECH. ROOM

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



KEY PLAN

ELECTRICAL SPECIFICATIONS

1. GENERAL
- 1.1.

CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL NECESSARY PIECES AND COMPONENTS TO PROVIDE A COMPLETE AND COMPLIANT ELECTRICAL SYSTEM UNLESS OTHERWISE NOTED ON PLANS.
- 1.2.

THE ENTIRE ELECTRICAL SYSTEM SHALL BE CONTINUOUSLY GROUNDED. EVERY BRANCH CONDUIT SHALL INCLUDE A GREEN GROUND CONDUCTOR SIZED PER NEC.
- 1.3.

ARC-FAULT CIRCUITS SHALL BE RUN WITH A DEDICATED NEUTRAL AS REQUIRED BY MANUFACTURER.
- 1.4.

PROVIDE PERMANENT ARC-FLASH LABEL AFFIXED TO EVERY DISCONNECT AND PANEL.
- 1.5.

PROVIDE TYPE WRITTEN PANEL SCHEDULE FOR EACH PANEL.
2. WORKMANSHIP
- 2.1.

ALL ELECTRICAL SYSTEM COMPONENTS SHALL BE INSTALLED LEVEL, PLUMB, AND PARALLEL/PERPENDICULAR TO BUILDING ORIENTATION WHERE POSSIBLE.
- 2.2.

ALL ELECTRICAL DEVICES AND LIGHT FIXTURES SHALL BE INSTALLED IN A SAFE, FIRST-CLASS MANNER WITH ATTENTION GIVEN TO OVERALL AESTHETICS.
CARE SHOULD BE TAKEN TO ALLOW FOR FUTURE REPLACEMENT AND ACCESS FOR SERVICE.
3. MATERIALS
- 3.1.

CONDUIT & CONDUCTORS
- 3.1.1.

ALL CONDUCTORS SIZES INDICATED ARE COPPER UNLESS NOTED OTHERWISE ON PLANS.
- 3.1.2.

ABOVE GRADE CONDUCTORS SHALL BE TYPE THHN.
BELOW GRADE CONDUCTORS SHALL BE TYPE XHHW-2.
- 3.1.3.

MINIMUM CONDUCTOR SIZE SHALL BE #12 AWG UNLESS NOTED OTHERWISE. 120-VOLT, 20-AMP CIRCUITS WITH CONDUCTOR LENGTHS GREATER THAN 100' SHALL BE #10 AWG MINIMUM. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR MEASURING ACTUAL CONDUCTOR LENGTH AND INCREASING CONDUCTOR SIZE TO COMPENSATE FOR VOLTAGE DROP AS REQUIRED BY NEC.
- 3.1.4.

RIGID GALVANIZED OR SCHEDULE 40 PVC CONDUIT SHALL BE USED FOR SERVICE WIRING, BELOW GRADE INSTALLATIONS, OR WHERE EXPOSED TO WEATHER.
- 3.1.5.

IN APPLICATIONS OTHER THAN THOSE LISTED IN 3.1.4, EMT OR MC CABLE IS ACCEPTABLE. WHERE CONDUCTORS ARE PROTECTED FROM DAMAGE, ENCLOSED IN BUILDING MATERIALS, AND CONSTRUCTION IS OF A PERMITTED TYPE, NM CABLE MAY BE USED.
- 3.1.6.

FOR CAST-IN-PLACE CONCRETE, TILT-UP WALL CONSTRUCTION, OR PRE-MANUFACTURED WALL SYSTEMS, COORDINATE EXACT LOCATIONS OF ALL DEVICES WITHIN WALLS WITH WALL SUPPLIER. CONDUIT EMBEDDED IN WALLS SHALL BE SCHEDULE 80 PVC OR LFMC, OR OTHER SYSTEM APPROVED BY WALL MANUFACTURER. EXPOSED CONDUIT SHALL BE PAINTED TO MATCH ADJACENT SURFACES. VERIFY COLOR WITH ARCHITECT/OWNER.
- 3.1.7.

ARCHITECT/OWNER
- 3.2. DEVICES
- 3.2.1.

CONTRACTOR TO PROVIDE J-BOXES, COVER PLATES, AND ANY ACCESSORIES REQUIRED TO PROVIDE A COMPLETE SYSTEM. SEE ARCHITECTURAL PLANS FOR DEVICE COLORS.
- 3.2.1.

DUPLEX RECEPTACLES SHALL BE TAMPER RESISTANT 20-AMP, EQUAL TO LEVITON #TBR-20.
- 3.2.2.

SINGLE POLE TOGGLE WALL SWITCHES SHALL BE LEVITON CS120-2 OR EQUAL.
- 3.2.2.

THREE-WAY TOGGLE WALL SWITCHES SHALL BE LEVITON CS20-2 OR EQUAL.
- 3.2.3.

DIMMER SWITCHES SHALL BE TESTED WITH FIXTURES AND LAMPS FOR COMPATIBILITY. SEE LIGHTING PLANS FOR DETAILS.
- 3.2.4.

WHERE GFCI PROTECTION IS SHOWN ON PLANS AND UNLESS OTHERWISE NOTED, PROVIDE A LISTED GFCI-PROTECTED RECEPTACLE WHERE THE RECEPTACLE IS ACCESSIBLE ON PLANS. IF THE RECEPTACLE LOCATION IS NOT ACCESSIBLE AS DEFINED BY NEC, PROVIDE GFCI PROTECTION AT CIRCUIT BREAKER.
- 3.2.5.

DO NOT INSTALL OCCUPANCY/VACANCY SENSORS WITHIN 48" OF HVAC DIFFUSERS/GRILLES OR SIMILAR OBSTRUCTION THAT MAY AFFECT SENSOR FUNCTIONALITY. ALL SENSORS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
- 3.2.6.

ALL APPLICABLE SWITCHES, RECEPTACLES, CONTROLS, ETC. SHALL BE MOUNTED AT ADA-ACCESSIBLE HEIGHTS.
- 3.2.7.

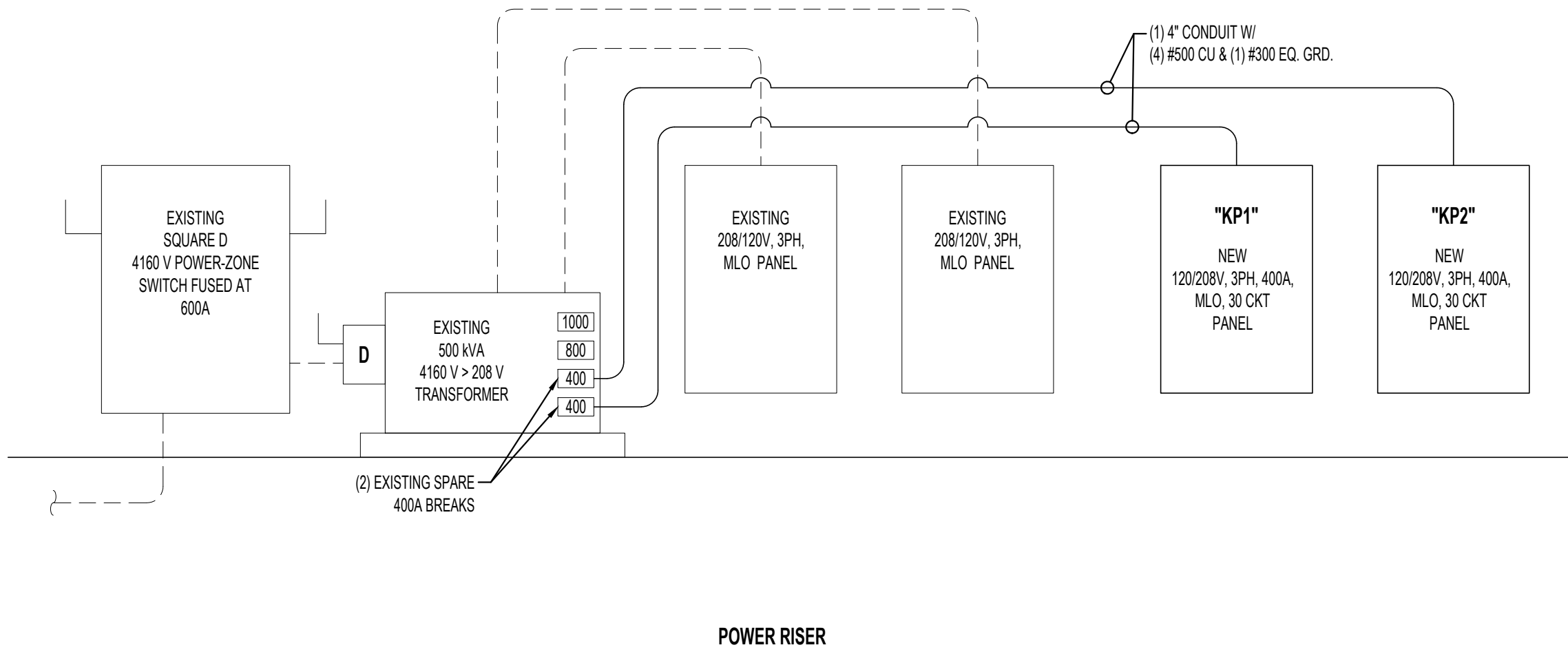
WIRING DEVICES SHOWN ON PLANS NEXT TO ONE ANOTHER SHALL UTILIZE A SINGLE COVER PLATE UNLESS NOTED OTHERWISE.
- 3.2.8.

WIRING DEVICES SHOWN BACK-TO-BACK ON EACH SIDE OF A WALL SHALL BE OFFSET TO REDUCE SOUND TRANSMISSION.
- 3.2.9.

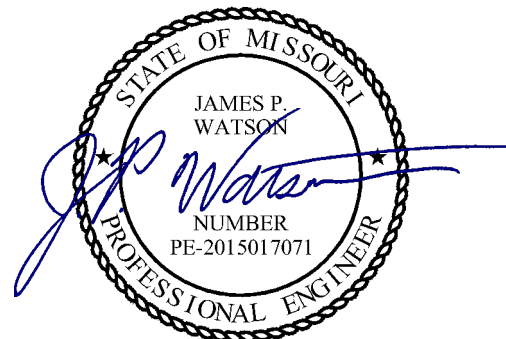
EACH RECEPTACLE COVER SHALL BE NEATLY AND LEGIBLY LABELED WITH CORRESPONDING PANEL AND CIRCUIT NUMBER FOR CIRCUIT IDENTIFICATION.

PANEL 'KP1' SCHEDULE									
PANEL SPECIFICATIONS					TOTAL CONNECTED LOAD				
VOLTAGE: 120/208V 3-PH			NEMA RATING: 1		PHASE "A" LOAD:		330	AMPS	
AMPACITY: 400A MLO			PANEL MOUNTING: SURFACE		PHASE "B" LOAD:		336	AMPS	
AIC-RATING: 22kA					PHASE "C" LOAD:		326	AMPS	
CIRCUIT NUMBER	DESCRIPTION	BREAKER SIZE	AMPS	PHASE	AMPS	BREAKER SIZE	DESCRIPTION	CIRCUIT NUMBER	
1	STEAM KETTLE 1	125-3	92	A	4	20-1	BOILER 1	2	
3	\	\	92	B	4	20-1	BOILER 2	4	
5	\	\	92	C	4	20-1	WATER HEATER 1	6	
7	SHUNT TRIP	\		A	4	20-1	WATER HEATER 2	8	
9	STEAM KETTLE 2	125-3	92	B	10	20-2	BOILER CIRCULATOR 1	10	
11	\	\	92	C	10	\	\	12	
13	\	\	92	A	10	20-2	BOILER CIRCULATOR 2	14	
15	SHUNT TRIP	\		B	10	\	\	16	
17	STEAM KETTLE 3	125-3	92	C	8	20-1	CONVECTION OVEN	18	
19	\	\	92	A		\	SHUNT TRIP	20	
21	\	\	92	B	8	20-1	CONVECTION OVEN	22	
23	SHUNT TRIP	\		C		\	SHUNT TRIP	24	
25	DISH MACHINE	125-3	28	A	8	20-1	CONVECTION OVEN	26	
27	\	\	28	B		\	SHUNT TRIP	28	
29	\	\	28	C				30	
NOTES: A: PANEL SHALL BE EQUAL TO SQUARE D MODEL NQ B: ELECTRICIAN SHALL VERIFY EXACT EQUIPMENT OVERCURRENT PROTECTION REQUIREMENTS PRIOR TO PURCHASE & INSTALLATION OF EQUIPMENT. C: AFTER COMPLETION OF WORK, ELECTRICIAN SHALL PROVIDE A TYPE WRITTEN PANEL DIRECTORY IN NEW PANEL.									

PANEL 'KP2' SCHEDULE									
PANEL SPECIFICATIONS					TOTAL CONNECTED LOAD				
VOLTAGE: 120/208V 3-PH			NEMA RATING: 1		PHASE "A" LOAD:		333	AMPS	
AMPACITY: 400A MLO			PANEL MOUNTING: SURFACE		PHASE "B" LOAD:		333	AMPS	
AIC-RATING: 22kA					PHASE "C" LOAD:		333	AMPS	
CIRCUIT NUMBER	DESCRIPTION	BREAKER SIZE	AMPS	PHASE	AMPS	BREA KER SIZE	DESCRIPTION	CIRCUIT NUMBER	
1	STEAM KETTLE 4	125-3	92	A	8	20-1	CONVECTION OVEN	2	
3	\	\	92	B	8	20-1	CONVECTION OVEN	4	
5	\	\	92	C	8	20-1	CONVECTION OVEN	6	
7	SHUNT TRIP	125-3		A				8	
9	STEAM KETTLE 5	\	92	B				10	
11	\	\	92	C				12	
13	\	\	92	A				14	
15	SHUNT TRIP	\		B				16	
17	DISH MACHINE	175-3	141	C				18	
19	\	\	141	A				20	
21	\	\	141	B				22	
23	SPARE	20-1		C				24	
25	SPARE	20-1		A				26	
27	SPARE	20-1		B				28	
29	SPARE	20-1		C				30	
NOTES: A: PANEL SHALL BE EQUAL TO SQUARE D MODEL NQ B: ELECTRICIAN SHALL VERIFY EXACT EQUIPMENT OVERCURRENT PROTECTION REQUIREMENTS PRIOR TO PURCHASE & INSTALLATION OF EQUIPMENT. C: AFTER COMPLETION OF WORK, ELECTRICIAN SHALL PROVIDE A TYPE WRITTEN PANEL DIRECTORY IN NEW PANEL.									

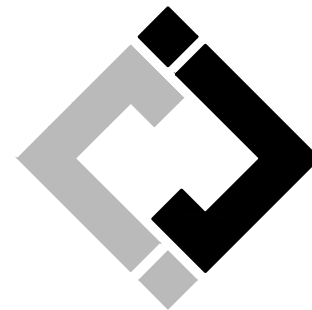


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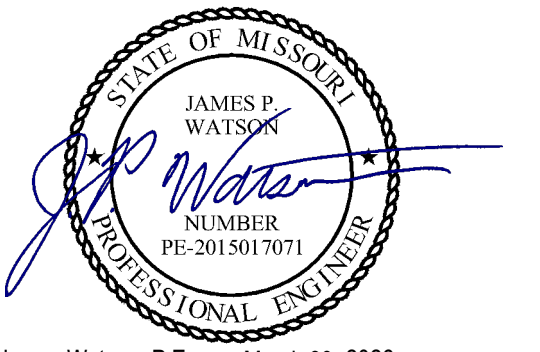
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SHEET 16 OF 23
3/30/2026

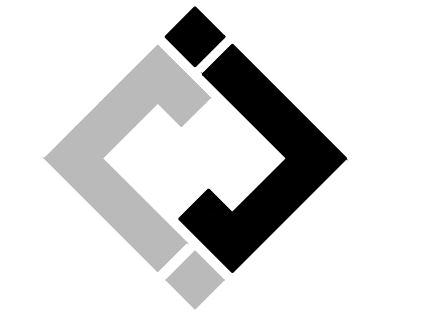


James Watson, P.E. March 30, 2026
PE-2015017071
MO Certificate of Authority # 2018029680

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RENOVATE KITCHEN
MOBERLY
CORRECTIONAL
CENTER

MOBERLY, MISSOURI

PROJECT # C2419-01
SITE # 7005
ASSET # 9327005027

REVISION: _____
DATE: _____
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DATE: _____
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DRAWN BY: PDH
CHECKED BY: JPW
DESIGNED BY: JPW

SHEET TITLE:
**PLUMBING PLAN -
SANITARY**

SHEET NUMBER:

P101

SHEET 17 OF 23
3/30/2026

SANITARY SEWER PLAN GENERAL NOTES:

1. SEE SHEET P-601 FOR ADDITIONAL PLUMBING NOTES, DETAIL, AND SCHEDULES.

SANITARY SEWER PLAN KEY NOTES:

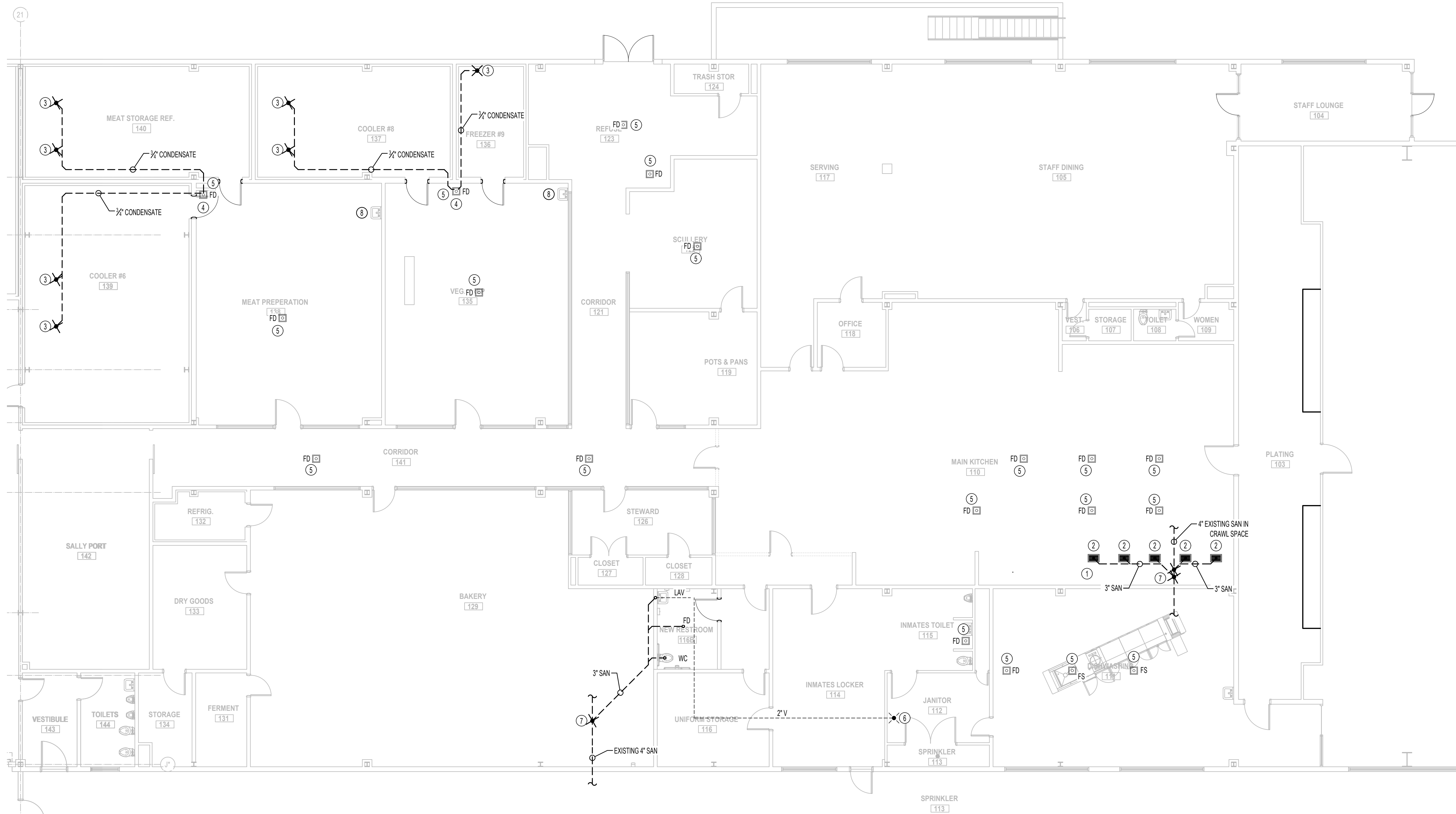
- 1 DEMOLISH EXISTING SANITARY PIPE IN BUILT UP STEAM KETTLE BASE. CONNECT NEW 3" SAN IN CRAWL SPACE.
- 2 CONNECT TO DRAIN PROVIDED BY KEC. COORDINATE EXACT CONNECTION SIZE AND REQUIREMENTS WITH CONTRACTOR. ALL PIPE FROM DRAIN TO EXISTING SANITARY LINE TO BE EITHER CAST IRON OR HIGH TEMP DWV CPVC EQUAL TO SPEARS LABWASTE.
- 3 CONNECT CONDENSATE TO NEW COOLER/FREEZER EVAPORATOR. ROUTE CONDENSATE INTERIOR TO COOLER AND THRU WALL TO FLOOR DRAIN AS SHOWN.
- 4 DISCHARGE CONDENSATE TO FLOOR DRAIN.
- 5 REPLACE ALL EXISTING FLOOR DRAINS SHOWN WITH NEW AS INDICATED. MODIFY EXISTING SANITARY CONNECTIONS AS REQUIRED TO CONNECT NEW DRAINS. COORDINATE NEW FINISHED FLOOR ELEVATION WITH FLOOR PROVIDER.
- 6 TIE INTO EXISTING VENT ABOVE MECHANICAL MEZZANINE.
- 7 TIE INTO EXISTING 4" SANITARY IN CRAWL SPACE.
- 8 MODIFY/EXTEND EXISTING SANITARY AND VENT PIPING AS NECESSARY TO CONNECT NEW HAND SINK REPLACING EXISTING SINK.

SANITARY SEWER PLAN SYMBOL LEGEND

- SANITARY SEWER PIPING
- - - - - VENT PIPING
--- PIPING TURNED DOWN / TURNED UP
X TIE INTO EXISTING

AREA OF
WORK

KEY PLAN



SANITARY PLUMBING PLAN

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

DOMESTIC WATER PLAN GENERAL NOTES:

1. SEE SHEET P-501 FOR ADDITIONAL PLUMBING NOTES, DETAIL, AND SCHEDULES.

DOMESTIC WATER PLAN KEY NOTES:

- ① TIE INTO EXISTING HW IN CRAWL SPACE.
- ② TIE INTO EXISTING CW IN CRAWL SPACE.
- ③ MODIFY/EXTEND PIPING AS NECESSARY TO EXTEND 1" HW SUPPLY TO NEW DISH MACHINE.
- ④ MODIFY/EXTEND SUPPLY PIPING AS NECESSARY TO SUPPLY NEW HAND SINK BY KITCHEN EQUIPMENT PROVIDER REPLACING EXISTING SINK.
- ⑤ CW UP THRU FLOOR TO KETTLES.
- ⑥ TAP EXISTING 2" NATURAL GAS LINE IN CRAWL SPACE BELOW FLOOR. PROVIDE NEW 2" MANIFOLD ABOVE FLOOR FOR RELOCATED OVENS.
- ⑦ CONNECT RELOCATED STACKED CONVECTION OVENS (50 KBTU EACH)
- ⑧ EM GAS SHUTDOWN VALVE TO BE WIRED TO TYPE 1 HOOD CONTROL. COORDINATE WITH ELECTRICIAN.

DOMESTIC WATER PLAN SYMBOL LEGEND

- COLD WATER LINE
- HOT WATER LINE
- Ⓜ WATER METER
- ⌞ VALVE
- PUMP
- PIPING TURNED DOWN / TURNED UP
- ✕ TIE INTO EXISTING

AREA OF
WORK

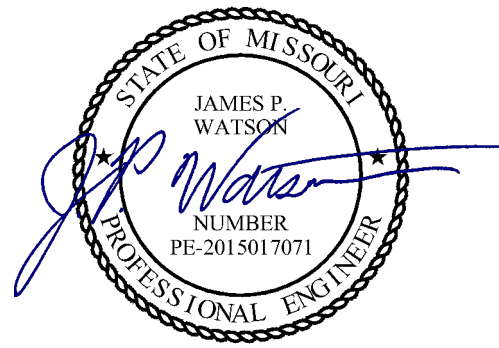
KEY PLAN



DOMESTIC WATER & GAS PLAN

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

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR

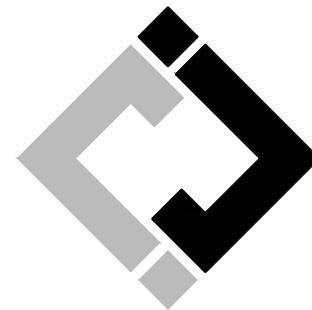


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DESIGNED BY: JPW

SHEET TITLE:

PLUMBING PLAN -
DOMESTIC WATER
& GAS

SHEET NUMBER:

P102

SHEET 18 OF 23
3/30/2026

PLUMBING SPECIFICATIONS

1.

GENERAL
- 1.1.

PLUMBING CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL ESCUTCHEONS, 1/2" TURN STOPS, P-TRAPS, AND SUPPLY LINES TO PROVIDE A COMPLETE SYSTEM AT EACH FIXTURE INDICATED ON PLANS UNLESS NOTED OTHERWISE.
- 1.2.

ALL PLUMBING SYSTEMS SHALL BE INSTALLED LEVEL, PLUMB, AND PARALLEL/PERPENDICULAR TO BUILDING ORIENTATION WHERE POSSIBLE.
- 1.3.

COORDINATE ALL PIPING INSTALLATIONS WITH STRUCTURAL GRADE BEAMS, FOOTINGS, COLUMN PIERS, ETC. SLEEVE PIPING THRU STRUCTURAL ELEMENTS AS NECESSARY. VERIFY WITH STRUCTURAL ENGINEER.
- 1.4.

VERIFY ALL UTILITY CONNECTION POINTS WITH PROPOSED PLUMBING LAYOUTS PRIOR TO BEGINNING WORK.
- 1.5.

CLEAN ALL PLUMBING FIXTURES AND CHANGE FAUCET AERATORS AND SINK STRAINERS AT PROJECT COMPLETION PRIOR TO TURNING OVER TO OWNERSHIP.
2.

EQUIPMENT / FIXTURES
- 2.1.

ALL EQUIPMENT AND/OR FIXTURES MUST MEET OR EXCEED THE PERFORMANCE, FUNCTIONAL INTENT, AND AESTHETICS AS MODELS SPECIFIED ON PLANS. WHERE SPECIFIC MANUFACTURERS AND/OR MODELS ARE INDICATED ON PLANS OR WITHIN SCHEDULES, CONTRACTOR TO PROVIDE MODEL INDICATED OR APPROVED EQUAL. VERIFY SUBSTITUTION APPROVAL PRIOR TO PURCHASE OR INSTALLATION OF EQUIPMENT.
- 2.2.

CONTRACTOR TO SUPPLY SUBMITTALS FOR ALL EQUIPMENT FOR REVIEW BY ARCHITECT AND ENGINEER. FORMAL APPROVAL SHALL BE RECEIVED BY CONTRACTOR PRIOR TO EQUIPMENT PURCHASE.
- 2.3.

CONTRACTOR TO SHARE APPROVED EQUIPMENT SUBMITTALS WITH ANY PERTINENT ELECTRICAL REQUIREMENTS WITH ELECTRICAL CONTRACTORS WITHIN TWO WEEKS OF RECEIVING APPROVED SUBMITTALS FROM ARCHITECT/ENGINEER.
3.

SANITARY
- 3.1.

BELOW AND ABOVE GRADE WASTE AND VENT PIPING IN BUILDING TO BE SOLID CORE SCHEDULE 40 PVC LISTED FOR DWV APPLICATIONS.
- 3.2.

NO WASTE OR VENT PIPING INSTALLED BELOW GRADE SHALL BE SMALLER THAN 2".
- 3.3.

MINIMUM SLOPES FOR WASTE PIPING (UNLESS NOTED OTHERWISE ON PLANS):
- 3.3.1.

2 1/2" OR LESS DIAMETER: 1/4" PER FOOT
- 3.3.2.

3" TO 6" DIAMETER: 1/8" PER FOOT
- 3.3.3.

8" OR LARGER DIAMETER: 1/4" PER FOOT
- 3.4.

ACCESSIBLE FULL PIPE SIZE CLEANOUTS SHALL BE PROVIDED & INSTALLED ON BUILDING SANITARY LINES AT LOCATIONS SHOWN ON PLANS, AT INTERVALS OF NO MORE THAN 100', AT EVERY CHANGE IN DIRECTION GREATER THAN 45', AND AT THE BASE OF EACH WASTE STACK.
- 3.5.

WASTE AND VENT PIPING IN PLENUMS SHALL BE CAST IRON, PLENUM-RATED CPVC, OR PVC WITH AN INSULATION WRAP LISTED FOR USE AS SUCH AN ASSEMBLY.
- 3.6.

ALL VENT PIPE TERMINATIONS SHALL BE LOCATED EITHER 10' HORIZONTALLY OR 3' ABOVE MECHANICAL AIR INTAKE LOCATIONS. TERMINATIONS SHALL NOT BE INSTALLED UNDER ANY OPERABLE BUILDING OPENING OR OPERABLE ADJACENT BUILDING OPENING. CONTRACTOR TO OFFSET VENT PIPING AS NECESSARY TO MEET THESE REQUIREMENTS.
4.

DOMESTIC WATER
- 4.1.

ALL DOMESTIC WATER PIPING TO BE EITHER COPPER OR PEX, SHALL CONFORM TO NSF 61 AND BE LISTED FOR USE IN POTABLE WATER SYSTEMS.
- 4.1.1.

COPPER WATER PIPING BELOW GRADE SHALL BE TYPE "K". BELOW GRADE JOINTS SHALL BE SILVER SOLDERED. THERE SHALL BE NO JOINTS IN WATER PIPING LOCATED BENEATH BUILDING SLAB.
- 4.1.2.

COPPER WATER PIPING ABOVE GRADE SHALL BE TYPE "L".
- 4.2.

PROVIDE WATER HAMMER ARRESTORS AT ALL QUICK-CLOSE VALVES. FIXTURES REQUIRING WATER HAMMER ARRESTORS INCLUDE BUT ARE NOT LIMITED TO FLUSH VALVES, SENSOR FAUCETS, AND WASHING MACHINE BOXES. AIR CHAMBERS SHALL NOT BE PERMITTED.
- 4.3.

ALL DOMESTIC WATER PIPING SHALL BE ROUTED WITHIN BUILDING THERMAL ENVELOPE AND WITHIN WALL CAVITIES, ABOVE FINISHED CEILINGS, OR BELOW SLAB TO REMAIN CONCEALED UNLESS OTHERWISE NOTED. NOTIFY ENGINEER OF ANY NECESSARY ADJUSTMENTS THAT REQUIRE PIPING TO BE EXPOSED.
- 4.4.

DOMESTIC WATER PIPING INSULATION
- 4.4.1.

ALL HW & HWV PIPING, WHETHER COPPER OR PEX, SHALL BE INSULATED WITH PLENUM RATED CLOSED CELL ELASTOMERIC INSULATION.
- 4.4.1.1.

FOR PIPING LESS THAN 1/2", INSULATION THICKNESS TO BE 1".
- 4.4.1.2.

FOR PIPING 1/2" OR GREATER, INSULATION THICKNESS SHALL BE 1/2".
- 4.4.2.

CW COPPER PIPING TO INSULATED WITH 1/2" PLENUM RATED CLOSED CELL ELASTOMERIC INSULATION. CW PEX NEED NOT BE INSULATED UNLESS NOTED OTHERWISE ON PLANS.
5.

GAS PIPING
- 5.1.

GAS PIPING SHALL BE INSTALLED LEVEL, PLUMB, AND PARALLEL OR PERPENDICULAR TO BUILDING ORIENTATION WHERE POSSIBLE.
- 5.2.

QUARTER-TURN FULL-PORT SHUTOFF VALVES SHALL BE INCLUDED AT EACH APPLIANCE CONNECTION, AS WELL AS AN IN-LINE REGULATOR FROM DELIVERY PRESSURE TO APPLIANCE OPERATING PRESSURE IF REQUIRED. INCLUDE SEDIMENT TRAPS PER IFGC REQUIREMENTS.
- 5.1.

NATURAL GAS AND LIQUID PROPANE (LP) PIPING TO SHALL BE SCHEDULE 40 BLACK STEEL.
- 5.2.

PIPE JOINTS SHALL BE THREADED WITH CLASS 150 FITTINGS, OR WELDED. NOTIFY OWNER/GC OF ANY NECESSARY HOT-WORK ASSOCIATED WITH WELDED CONNECTIONS.
- 5.3.

WHERE PIPING IS EXPOSED ON EXTERIOR FACE OF BUILDING, PAINT TO MATCH BUILDING. PAINT YELLOW IN ALL OTHER LOCATIONS.
- 5.4.

ON ROOFTOPS, INSTALL GAS PIPE WITH "ROOFTOP BLOX" PER MANUFACTURER'S INSTRUCTION.
6.

STORM DRAIN PIPING
- 6.1.

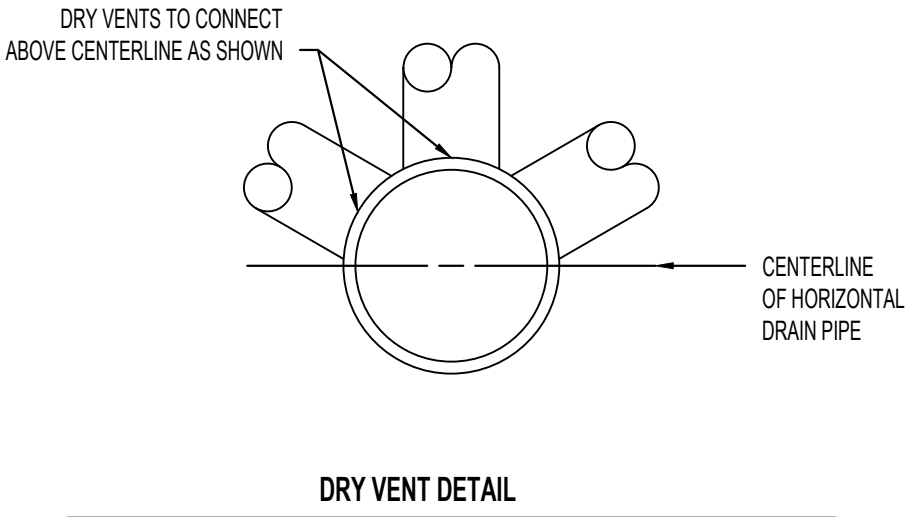
ABOVE AND BELOW GRADE STORM PIPING SHALL BE SOLID CORE SCHEDULE 40 PVC.
- 6.2.

ALL PRIMARY & SECONDARY STORM DRAIN PIPING & FITTINGS SHALL BE INSULATED WITH 1/2" FIBERGLASS INSULATION WITH ASJ JACKET.
- 6.3.

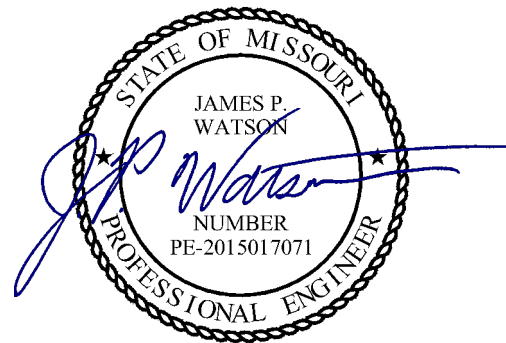
STORM DRAIN PIPING IN PLENUMS SHALL BE CAST IRON, PLENUM-RATED CPVC, OR PVC WITH AN INSULATION WRAP LISTED FOR USE AS SUCH AN ASSEMBLY.

PLUMBING FIXTURE SCHEDULE				
TAG	DESCRIPTION	MANUFACTURER (OR EQUAL)	MODEL (OR EQUAL)	NOTES
FD	FLOOR DRAIN	ZURN	Z415-BZ	Z415-BZ
FS	FLOOR SINK	ZURN	Z1750-2	STAINLESS FLOOR SINK WITH 1/2 GRATE
LAV	LAVATORY (WALL HUNG W/MANUAL FAUCET)	AMERICAN STANDARD	0355.012	WITH ZURN Z81104-XL FAUCET, 1/4 TURN STOPS, BRAIDED STAINLESS STEEL SUPPLIES, AND TRUBRO LAV GUARD 2
WC	WATER CLOSET - ADA HEIGHT - TANK	AMERICAN STANDARD	215AA.004	WITH CHURCH 7200SLEC SEAT AND COVER, STAINLESS BRAIDED SUPPLY, AND 1/4 TURN SHUT-OFF.
NOTES: 1. VERIFY NECESSARY FIXTURES MEET ADA REQUIREMENTS WITH ARCHITECT PRIOR TO INSTALLATION. 2. VERIFY FIXTURE FINISHES WITH OWNER / ARCHITECT.				

PLUMBING CONNECTION SIZING SCHEDULE					
FIXTURE		SANITARY PIPING		SUPPLY PIPING	
TYPE	TYPICAL ABBREVIATION	WASTE CONNECTION	VENT CONNECTION	COLD WATER CONNECTION	HOT WATER CONNECTION
DRINKING FOUNTAIN	DF	1-1/2"	1-1/4"	1/2"	-
FLOOR DRAIN	FD	3"	2"	-	-
HAND / HAIR SINK	HS / SK	2"	1-1/4"	1/2"	1/2"
HOSE BIBB	HB	-	-	3/4"	-
LAVATORY	LAV	1-1/2"	1-1/4"	1/2"	1/2"
MOP SINK	MS	3"	1-1/2"	1/2"	1/2"
ICE MAKER OUTLET BOX	REF	-	-	1/2"	-
SHOWER	SH	3"	1-1/2"	1/2"	1/2"
URINAL	UR	2"	1-1/4"	3/4"	-
WATER CLOSET (FLUSH TANK)	WC	3"	2"	1/2"	-
WATER CLOSET (FLUSH VALVE)	WC	3"	2"	1"	-
NOTES: 1. SIZES SHOWN ABOVE ARE TYPICAL UNLESS NOTED OTHERWISE ON PLANS					

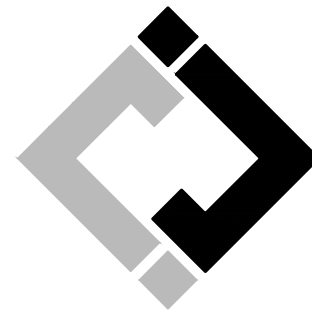


STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



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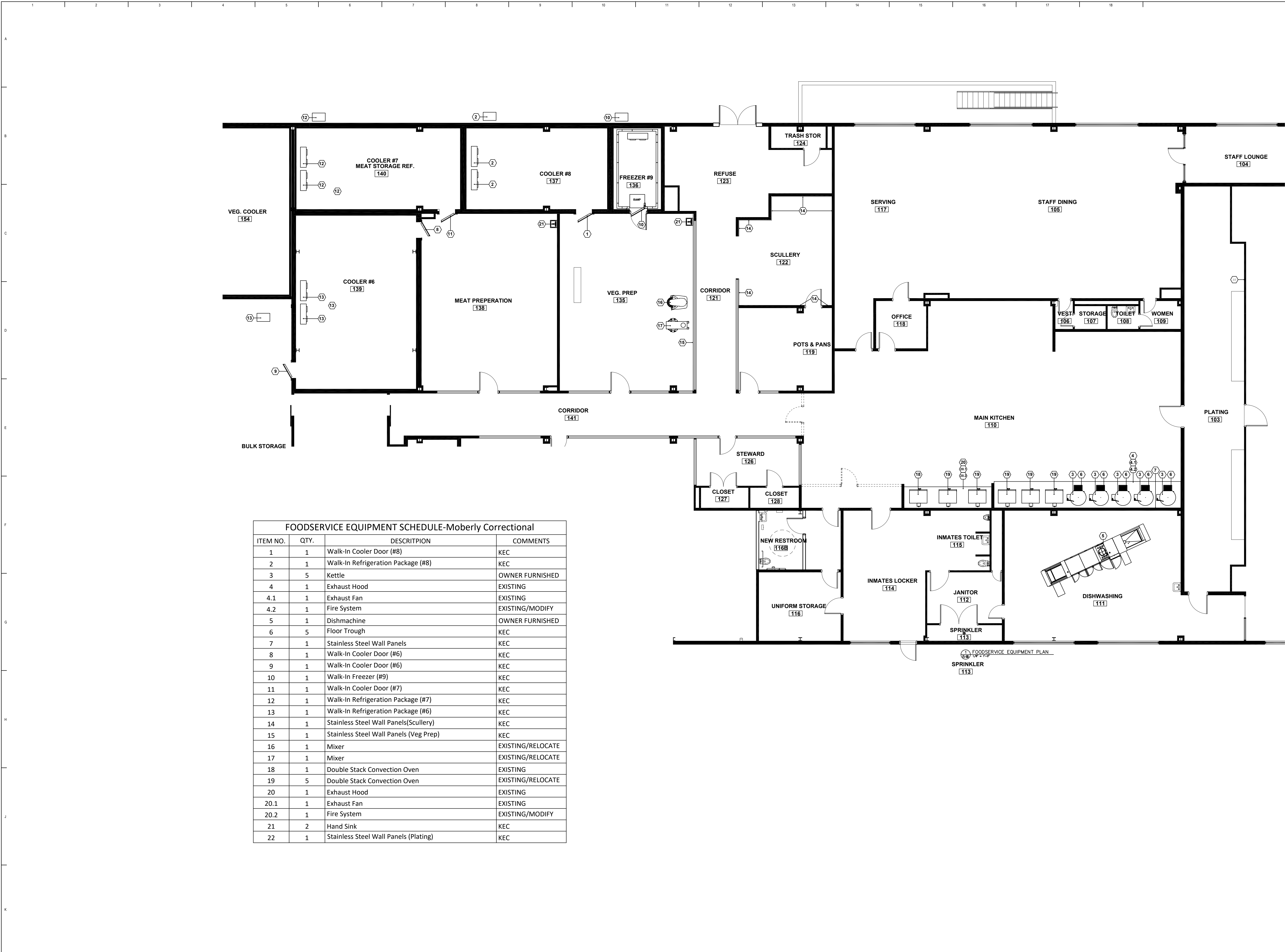
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PLUMBING
DETAILS &
SCHEDULES

SHEET NUMBER:

P501

SHEET 19 OF 23
3/30/2026



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RENOVATE KITCHEN
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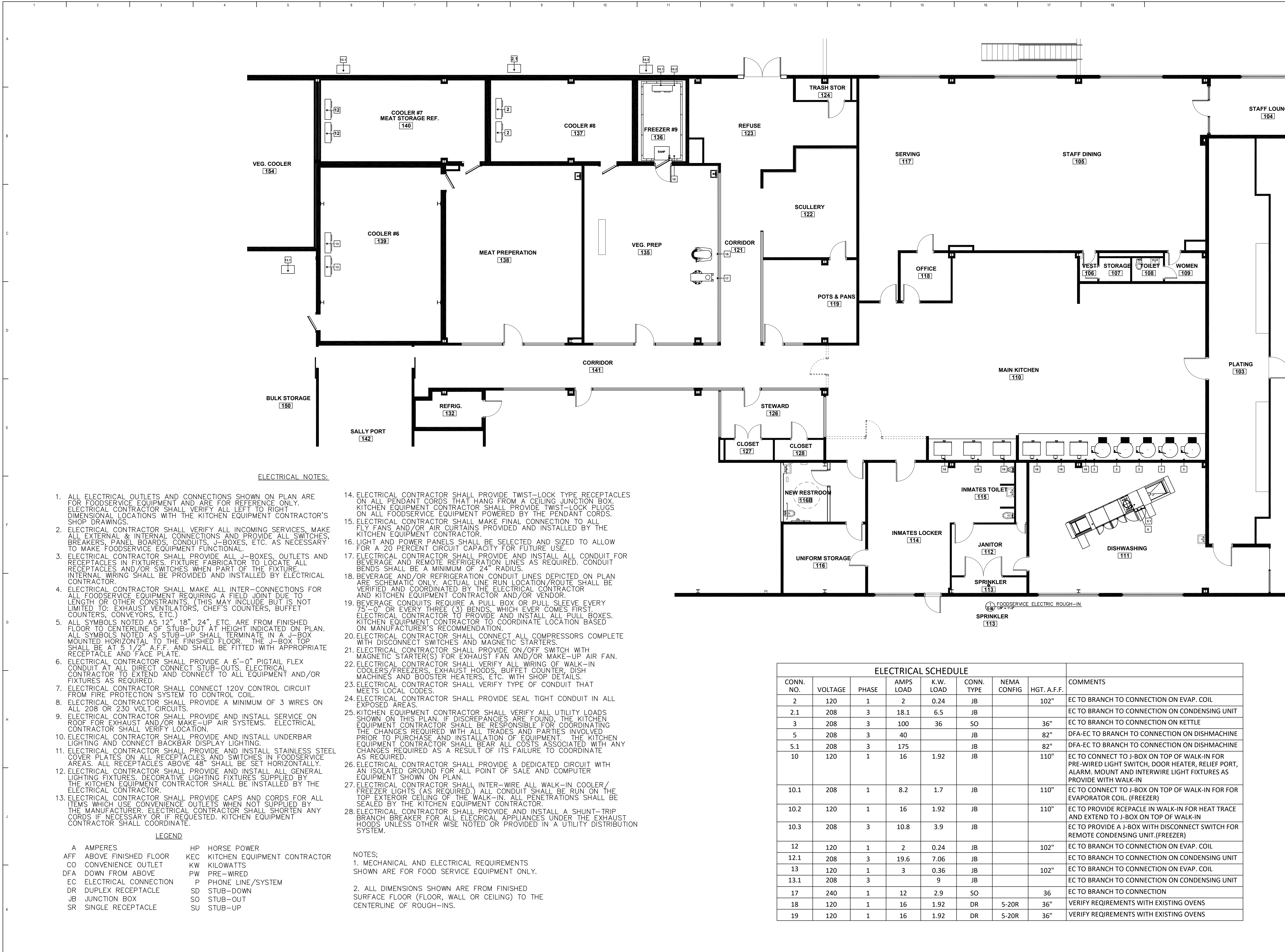
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SHEET TITLE:
**FOODSERVICE
EQUIPMENT
LAY-OUT**

SHEET NUMBER:
FS100
SHEET 20 OF 23
3-30-2026



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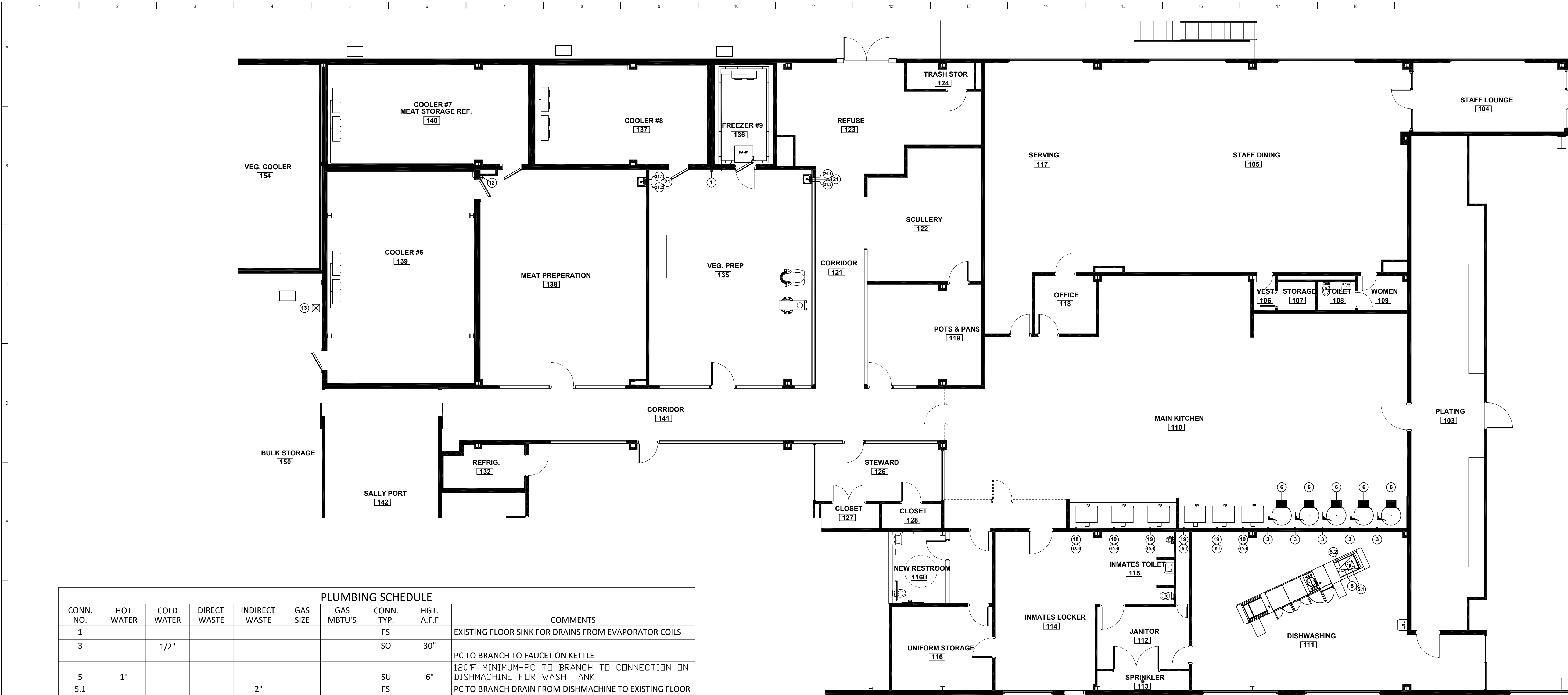
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FOODSERVICE
ELECTRIC
SPOT ROUGH-IN

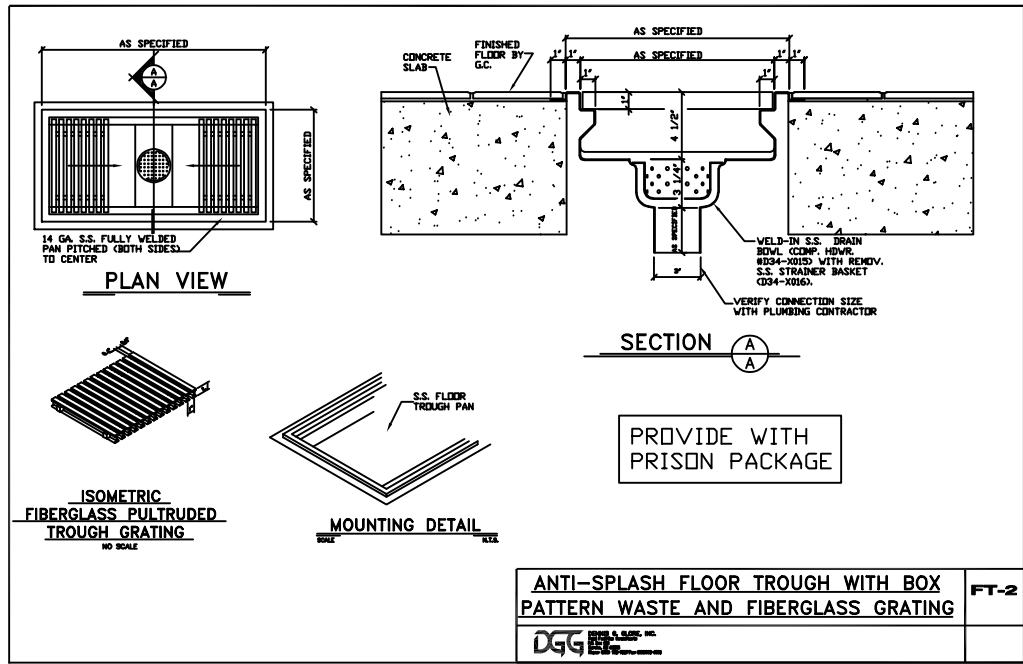
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FS200

SHEET 21 OF 23
3-30-2026



PLUMBING SCHEDULE									
CONN. NO.	HOT WATER	COLD WATER	DIRECT WASTE	INDIRECT WASTE	GAS SIZE	GAS MBTU'S	CONN. TYP.	HGT. A.F.F	COMMENTS
1							FS		EXISTING FLOOR SINK FOR DRAINS FROM EVAPORATOR COILS
3		1/2"					SO	30"	PC TO BRANCH TO FAUCET ON KETTLE
5	1"						SU	6"	120°F MINIMUM-PC TO BRANCH TO CONNECTION ON DISHMACHINE FOR WASH TANK
5.1				2"			FS		PC TO BRANCH DRAIN FROM DISHMACHINE TO EXISTING FLOOR SINK
5.2	1"						SU	6"	120°F MINIMUM-PC TO BRANCH TO CONNECTION ON DISHMACHINE FOR FINAL RINSE
6			3"						PC TO CONNECT TO FLOOR TROUGH
12							FS		EXISTING FLOOR SINK FOR DRAINS FROM EVAPORATOR COILS
13							FS		EXISTING FLOOR SINK FOR DRAINS FROM EVAPORATOR COILS
18					3/4"	50	SO	24"	PC TO BRANCH TO CONNECTION WITH QD HOSE
18.1					3/4"	50	SO	48"	PC TO BRANCH TO CONNECTION WITH QD HOSE
19					3/4"	50	SO	24"	PC TO BRANCH TO CONNECTION WITH QD HOSE
19.1					3/4"	50	SO	48"	PC TO BRANCH TO CONNECTION WITH QD HOSE
21			1 1/2"				SO	21"	PC TO CONNECT TO SINK DRAIN
21.1	1/2"						SO	18"	PC TO CONNECT TO FAUCET
21.2		1/2"					SO	18"	PC TO CONNECT TO FAUCET



PLUMBING NOTES:

- ALL PLUMBING OUTLETS AND CONNECTIONS SHOWN ON PLAN ARE FOR FOODSERVICE EQUIPMENT AND ARE FOR REFERENCE ONLY. PLUMBING CONTRACTOR TO VERIFY ALL DRAIN TO RIGHT DIMENSIONAL LOCATIONS WITH THE KITCHEN EQUIPMENT CONTRACTOR'S SHOP DRAWINGS.
- PLUMBING CONTRACTOR SHALL VERIFY ALL INCOMING SERVICES, MAKE ALL EXTERNAL & INTERNAL CONNECTIONS AND PROVIDE ALL PIPING, FITTINGS, BACK FLOW PREVENTOR, PARTS, ETC. AS NECESSARY TO MAKE FOODSERVICE EQUIPMENT FUNCTIONAL.
- PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL INDIVIDUAL SHUT-OFF VALVES FOR ALL WATER & GAS LINES AS REQUIRED.
- ALL FLOOR, WALL & CEILING PENETRATIONS MUST BE SEALED WATER TIGHT AND VERMIN PROOF.
- ALL SYMBOLS NOTED AS 12", 18", 24", ETC. ARE FROM FINISHED FLOOR TO CENTERLINE OF STUB-OUT AT HEIGHT INDICATED ON PLAN. ALL SYMBOLS NOTED AS STUB-UP SHALL BE STUBBED-UP ABOVE FINISHED FLOOR AT HEIGHT INDICATED ON PLAN.
- ALL FLOOR SINKS SHOWN ARE TO BE FLUSH WITH THE FINISHED FLOOR (UNLESS OTHERWISE REQUIRED BY LOCAL BUILDING AND/OR HEALTH CODE.) FLOOR SINKS SHALL BE LOCATED IN MANNER SO AS TO ALLOW FOR SIGHT INSPECTION BY CODE OFFICIALS.
- PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL REMOVABLE GRILLS OR COVERS FOR ALL FULLY OR PARTIALLY EXPOSED FLOOR SINKS.
- PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL TYPE "L" COPPER TUBING DRAIN LINES FROM ALL APPLICABLE EQUIPMENT TO FLOOR SINKS. ALL DRAIN LINES FROM ICE BIN/MACHINES, WALK-IN AND/OR BEER REFRIGERATION SYSTEMS, ETC. ARE TO BE INSULATED.
- FLOOR SINKS FOR DISHWASHING MACHINES SHALL HAVE A MINIMUM OF A 3" CAST IRON DRAIN PIPE. PVC WILL MELT OR DEFORM FROM HEAT.
- PLUMBING CONTRACTOR SHALL PROVIDE 140 DEGREE HOT WATER TO DISHWASHING MACHINE.
- PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL PRESSURE REGULATING VALVE FOR DISHWASHING MACHINE IF HOT WATER PRESSURE IS IN EXCESS OF 25 LBS. FLOW PRESSURE.
- PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL AUTOMATIC SHUT-OFF VALVE(S) IN GAS LINE FOR ALL FOODSERVICE EQUIPMENT BELOW EXHAUST VENTILATOR.

LEGEND

AFF	ABOVE FINISHED FLOOR	HD	HUB DRAIN
CO	CONVENIENCE OUTLET	HP	HORSE POWER
CW	COLD WATER	HW	HOT WATER
DFA	DOWN FROM ABOVE	KEC	KITCHEN EQUIPMENT CONTRACTOR
EC	ELECTRIC CONTRACTOR	PC	PLUMBING CONTRACTOR
FD	FLOOR DRAIN	PW	PRE-WIRED
FFD	FUNNEL FLOOR DRAIN	SD	STUB-DOWN
FS	FLOOR SINK	SO	STUB-OUT
GT	GREASE TRAP	SU	STUB-UP
		WV	WASTE WITH VENT

- PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL LINE STRAINER AND/OR APPROVED FILTER ON GAS SUPPLY LINE.
- PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL HOT WATER TANK (UNLESS OTHERWISE NOTED.) UNIT SHALL BE SIZED FOR ADEQUATE WATER CONSUMPTION TO MEET ALL APPLICABLE CODES.
- KITCHEN EQUIPMENT CONTRACTOR SHALL PROVIDE AND PLUMBING CONTRACTOR TO INSTALL APPLIANCE GAS PRESSURE REGULATOR(S) FOR EQUIPMENT (AS REQUIRED.) BLDG. MAIN LINE PRESSURE REGULATOR(S) SHALL BE FURNISHED AND INSTALLED BY THE PLUMB. CONTR.
- PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL GATE VALVES ON ALL WATER AND GAS LINES.
- PLUMBING CONTRACTOR SHALL PROVIDE CHROME PLATED PIPES AND FITTINGS FOR ALL EXPOSED LINE RUNS (AS REQUIRED.) EXPOSED PIPING SHALL BE HELD OFF THE WALL FOR CLEANING.
- PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL GREASE TRAPS AS REQUIRED BY BUILDING/HEALTH CODE.
- KITCHEN EQUIPMENT CONTRACTOR SHALL VERIFY ALL UTILITY SIZES AND LOAD REQUIREMENTS SHOWN ON PLANS.
- KITCHEN EQUIPMENT CONTRACTOR AND PLUMBING CONTRACTOR SHALL COORDINATE AND VERIFY ALL DIMENSIONS AT THE JOB-SITE.
- ALL WALK-IN DRAIN LINES TO HAVE A MINIMUM SLOPE OF 1" PER 1'-0". ALL DRAIN LINES SHALL BE MOUNTED 1" FROM WALLS.
- PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXTERNAL AND/OR INTERNAL HOOK-UPS OF WATER, GAS, STEAM, ETC. TO ALL NEW AND REUSED EQUIPMENT PER PLAN.
- PLUMBING CONTRACTOR IS RESPONSIBLE FOR ALL INTER-CONNECTIONS REQUIRED DUE TO FIELD JOINTS REQUIRED IN FOODSERVICE EQUIPMENT. KITCHEN EQUIPMENT CONTRACTOR TO COORDINATE AS REQUIRED.
- KITCHEN EQUIPMENT CONTRACTOR SHALL VERIFY ALL UTILITY LOADS SHOWN ON THIS PLAN. IF DISCREPANCIES ARE FOUND THE KITCHEN EQUIPMENT CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE CHANGES REQUIRED WITH ALL TRADES AND PARTIES INVOLVED.
- KITCHEN EQUIPMENT CONTRACTOR SHALL FURNISH ALL FAUCETS LOOSE FOR PLUMBING CONTRACTOR TO INSTALL ON SINKS, COUNTERS, DISH TABLES, ETC...

NOTES:

- MECHANICAL AND ELECTRICAL REQUIREMENTS SHOWN ARE FOR FOOD SERVICE EQUIPMENT ONLY.
- ALL DIMENSIONS SHOWN ARE FROM FINISHED FLOOR, WALL OR CEILING TO THE CENTERLINE OF ROUGH-INS.
- PLUMB. CONTR. IS RESPONSIBLE FOR REDUCING BUILDING GAS SUPPLY PRESSURE TO ACCEPTABLE LEVELS FOR EQUIPMENT TO OPERATE PROPERLY.

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



BIDDING DOCUMENTS

The Architects Alliance inc.
Missouri State Certificate of Authority
000143 Exp. 09/09/0000
631 West Main Street
Jefferson City, Missouri
(573) 636-5000

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

RENOVATE KITCHEN
MOBERLY
CORRECTIONAL
CENTER

MOBERLY, MISSOURI

PROJECT # C2419-01
SITE # 7005
ASSET # 9327005027

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 3-30-2026

CAD DWG FILE: *.dwg
DRAWN BY: X
CHECKED BY: X
DESIGNED BY: X

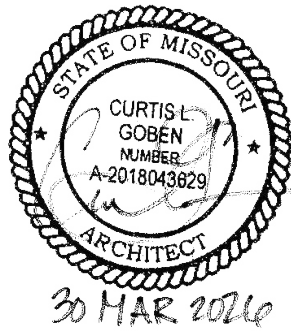
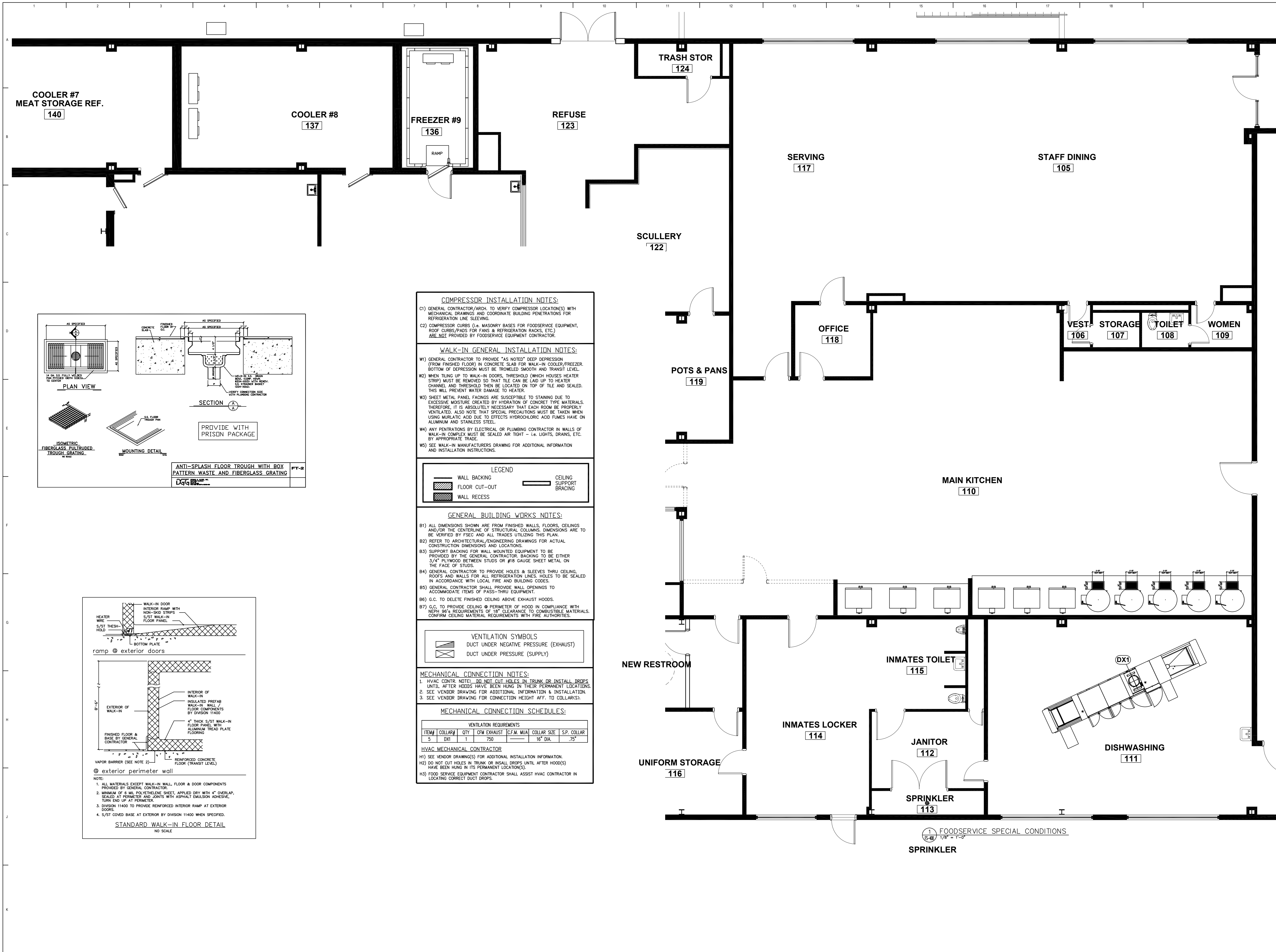
SHEET TITLE:

**FOODSERVICE
PLUMBING
SPOT ROUGH-IN**

SHEET NUMBER:

FS300

SHEET 22 OF 23
3-30-2026



BIDDING DOCUMENTS



OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

RENOVATE KITCHEN
MOBERLY
CORRECTIONAL
CENTER

MOBERLY, MISSOURI

PROJECT # C2419-01
SITE # 7005
ASSET # 9327005027

REVISION:
DATE:
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DATE:
ISSUE DATE: 3-30-2026

CAD DWG FILE: *.dwg
DRAWN BY: X
CHECKED BY: X
DESIGNED BY: X

SHEET TITLE:
FOODSERVICE
SPECIAL
CONDITIONS

SHEET NUMBER:

FS400

SHEET 23 OF 23
3-30-2026