



THE UNIVERSITY OF MISSISSIPPI MEDICAL CENTER

WIER BOERNER ALLIN ARCHITECTURE,
UMMC TEACHING
KITCHEN PROJECT
#21NN101
THE UNIVERSITY OF MISSISSIPPI
MEDICAL CENTER

9/12/2024

CONSTRUCTION DOCUMENTS

WBA #: 21-059



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2500 N STATE ST
JACKSON, MS 39216

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CONSTRUCTION DOCUMENTS

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ARCHITECTURAL ABBREVIATIONS

∠	ANGLE	K.O.	KNOCK DOWN
&	AND	L.A.T.	LAY-IN ACOUSTICAL TILE
@	AT	L.A.M.	LAMINATE
A/C	AIR CONDITIONING	L.A.V.	LAVATORY
ACM.	ASBESTOS CONTAINING MATERIALS	L.B.P.	LEAD BASED PAINT
ACOUS.	ACOUSTICAL	LBS.	POUNDS
ACT	ACOUSTICAL CEILING TILE	LT.	LIGHT
A/E	ARCHITECT/ENGINEER	LT. WT.	LIGHT WEIGHT
A.F.F.	ABOVE FINISHED FLOOR	LVR.	LOUVER
A.H.U.	AIR HANDLING UNIT	MAS.	MASONRY
ALT.	ALTERNATE	MAX.	MAXIMUM
ALUM.	ALUMINUM / ALUMINIUM	MECH.	MECHANICAL
A.P.C.	ARCHITECTURAL PRECAST CONCRETE	MEMB.	MEMBRANE
A.P.	ACCESS PANEL	MFR.	MANUFACTURER
APPROX.	APPROXIMATE	MH.	MANHOLE
ARCH.	ARCHITECTURAL	MIN.	MINIMUM
ASPH.	ASPHALT	MISC.	MISCELLANEOUS
ASY.	ASSEMBLY	M.O.	MASONRY OPENING
ATTEN.	ATTENUATION	M.R. GYP. BD.	MOISTURE RESISTANT GYPSUM BOARD
A.V.	AUDIO/VISUAL	MTD.	MOUNTED
BD.	BOARD	MTL.	METAL
BIT.	BITUMINOUS	MATL.	MATERIAL
BLDG.	BUILDING	MIR.	MIRROR
BLKG.	BLOCKING	MULL.	MULLION
BM.	BEAM	N.	NORTH
B.M.	BENCH MARK	N/A	NOT APPLICABLE
BOT.	BOTTOM	N.I.C.	NOT IN CONTRACT
BRG.	BEARING	N.T.S.	NOT TO SCALE
BRZ.	BRONZE	#	NUMBER
BU	BUILT-UP	NOM.	NOMINAL
B.U.R.	BUILT-UP ROOF	O.A.	OUTSIDE AREA
[/ CH.	CHANNEL	O.C.	ON CENTER
CAB.	CABINET	O.D.	OUTSIDE DIAMETER
C.B.	CATCH BASIN	OPH.	OPPOSITE HAND
CEM.	CEMENT	OH.	OVERHEAD
CER.	CERAMIC	OPNG.	OPENING
CFS	COLD FORMED STEEL	OPP.	OPPOSITE
C.G.	CORNER GUARD	ORIG.	ORIGINAL
C.I.	CONTINUOUS INSULATION	O.S.	OVERFLOW SCUPPER
CJ	CONTROL JOINT	OTLN.	OUTLINE
CLG.	CEILING	OV.D.	OVERFLOW DRAIN
CLR.	CLEAR	#	POUND
CMU	CONCRETE MASONRY UNIT	PBD.	PARTICLE BOARD
C.O.	CASED OPENING	P.C. CONC.	PRECAST CONCRETE
COL.	COLUMN	PLAM.	PLASTIC LAMINATE
CONC.	CONCRETE	P.I.P.	POURED-IN PLACE
CONN.	CONNECTION	P.L.	PROPERTY LINE
CONST.	CONSTRUCTION	PL	PLATE
CONT.	CONTINUOUS	PLAS.	PLASTER
COORD.	COORDINATE	POL.	POLISHED
CPT.	CARPET	PR	PAIR
C.R. CH.	COLD-ROLLED CHANNEL	PRE-FAB	PRE-FABRICATED
CT	CERAMIC TILE	PRE-FIN.	PRE-FINISHED
CTS.K.	COUNTERSUNK	PTD.	PAINTED
DBL.	DOUBLE	PARTN.	PARTITION
DEMO.	DEMOLITION / DEMOLISHED	PVMT.	PAVEMENT
DEPT.	DEPARTMENT	PLYWD.	PLYWOOD
DTL.	DETAIL	RAD.	RADIUS
DIA.	DIAMETER	R.A.G.	RETURN AIR GRILLE
DIM.	DIMENSION	RB	RUBBER BASE
DISP.	DISPENSER	RC.	RESILIENT CHANNEL
DN.	DOWN	RCP	REFLECTED CEILING PLAN
DP.	DAMP-PROOFING	R.D.	ROOF DRAIN
DS.	DOWNSPOUT	RD.	ROUND
DWGS.	DRAWINGS	REF.	REFERENCE / REFER
E.	EAST	REINF.	REINFORCED / REINFORCEMENT
E.A.	EACH	REQD	REQUIRED
E.D.F.	ELECTRICAL DRINKING FOUNTAIN	RESIL.	RESILIENT
E.F.	ELECTRICAL FAN	R.H.	ROBE HOOK
E.I.F.S.	EXTERIOR INSULATION & FINISH SYSTEM	RM.	ROOM
E.J.	EXPANSION JOINT	R.O.	ROUGH OPENING
ELEC.	ELECTRICAL	S.	SOUTH
EL.	ELEVATION	SC	SOLID CORE
ELEV.	ELEVATOR	SCHED.	SCHEDULE
EMER.	EMERGENCY	S.C.WD.	SOLID CORE WOOD
ENCL.	ENCLOSURE	S.D.	SOAP DISPENSER
E.P.	EPOXY PAINT	SEAL.	SEALANT
EQ.	EQUAL	SECT.	SECTION
EQUIP.	EQUIPMENT	SER. SK.	SERVICE SINK
EST.	ESTIMATED	SHT.	SHEET
E.W.	EACH WAY	SHVS.	SHELVES
EXH.	EXHAUST	SHWR.	SHOWER
EXP.	EXPANSION	SIM / SIM	SIMILAR
EXPO.	EXPOSED	SP.	SPLASH BLOCK
EXIST.	EXISTING	SPEC.	SPECIFICATION / SPECIFIED
EXT.	EXTERIOR	SQ.	SQUARE
F.A.P.	FIRE ALARM PANEL	SQ. FT.	SQUARE FEET
FD	FLOOR DRAIN	SS	SANITARY SEWER
FMDN.	FOUNDATION	S.S.	STAINLESS STEEL
F.E.	FIRE EXTINGUISHER	S.T.C.	SOUND TRANSMISSION COEFFICIENT
F.E.C.	FIRE EXTINGUISHER CABINET	STD.	STANDARD
F.F.	FINISH FLOOR	ST. DR.	STORM DRAIN
F.F.E.	FINISH FLOOR ELEVATION	STL.	STEEL
F.H.	FIRE HYDRANT	STRUCT.	STRUCTURAL
F.H.C.	FIRE HOSE CABINET	SUSP.	SUSPENDED
FIN.	FINISH	SYM.	SYMMETRICAL
FIXT.	FIXTURE	SYS.	SYSTEM
FLR.	FLOOR	SYN.	SYNTHETIC
F.O.M.	FACE OF MASONRY	T.B.	TOWEL BAR
F.O.S.	FACE OF STUD	T.C.	TOP OF CURB
FP.	FIRE PROTECTION / FIREPROOFING	TEL.	TELEPHONE
F.S.	FULL SIZE	TEMP.	TEMPORARY
'	FOOT / FEET	T&G	TONGUE & GROOVE
FTG.	FOOTING	THRES.	THRESHOLD
FURN.	FURNISHED	THK.	THICK / THICKNESS
FURR.	FURRING	T.O.S.	TOP OF STEEL
F.W.C.	FABRIC WALL COVERING	TYP.	TYPICAL
GA.	GAUGE	U.H.	UNIT HEATER
GALV.	GALVANIZED	UNO	UNLESS NOTED OTHERWISE
G.B.	GRAB BAR	U.P.S.	UNINTERRUPTABLE POWER SUPPLY
GRD.	GRADE	U.S.	UTILITY SHELF
G.C.	GENERAL CONTRACTOR	VCT	VINYL COMPOSITION TILE
GL.	GLASS / GLAZING	VERT.	VERTICAL
GYP.	GYPSUM	V.I.F.	VERIFY IN FIELD
GYP. BD.	GYPSUM BOARD	V.O.J.	VERIFY ON JOB
H.B.	HOSE BIB	V.T.R.	VENT-THRU-ROOF
H.C.	HOLLOW CORE	V.W.C.	VINYL WALL COVERING
H.C. / HCP.	HANDICAP	W.	WEST
HCWD.	HOLLOW CORE WOOD	W/	WITH
HDWE.	HARDWARE	W.C.	WATER CLOSET
HT.	HEIGHT	WD.	WOOD
HISTORIC.	HISTORICAL	WDW.	WINDOW
H.M.	HOLLOW METAL	WH	WATER HEATER
HORIZ.	HORIZONTAL	WO	WITHOUT
HR.	HOUR	W.P.	WATERPROOF
H.R.	HANDRAIL	WSCT.	WAINSCOT
HVAC.	HEATING, VENTILATING, & AIR CONDITIONING	WT.	WEIGHT
"	INCH	W.W.M.	WELDED WIRE MESH
I.D.	INSIDE DIAMETER		
INSUL.	INSULATION		
INT.	INTERIOR		
INV.	INVERT		
I.P.	IRON PIPE		
JAN.	JANITOR		
J.B.	JOIST BRG.		
JT.	JOINT		

MATERIALS LEGEND

	BRICK		INSULATION (RIGID)
	CONCRETE		METAL
	CONCRETE MASONRY UNITS		SHEATHING
	GRAVEL		WOOD (SOLID WOOD)
	GROUT		WOOD (CONTIGUOUS BLOCKING)
	GYPSUM BOARD		WOOD (DISCONTIGUOUS BLOCKING)
	INSULATION (BATT)		WATERPROOFING / DAMP PROOFING

SYMBOLS LEGEND

	DOOR TAG
	ELEVATION MARK
	ELEVATION TAG
	ROOM MARK
	SECTION MARK
	STOREFRONT MARK
	PARTITION TYPE
	WINDOW TYPE

GENERAL NOTES

- NOTES APPEAR ON VARIOUS DRAWINGS FOR VARIOUS DISCIPLINES FOR DIFFERENT SYSTEMS AND MATERIALS. REVIEW ALL SHEETS AND APPLY NOTES TO RELATED BUILDING COMPONENTS.
- REFER TO COMPLETE SET OF ISSUED CONTRACT DOCUMENTS FOR OTHER APPLICABLE NOTES, ABBREVIATIONS, AND SYMBOLS.
- WHERE MATERIALS ARE APPLIED TO, OR ARE IN DIRECT CONTACT WITH WORK INSTALLED BY ANOTHER SUBCONTRACTOR, COMMENCEMENT OF WORK IMPLIES ACCEPTANCE OF THE SUBSTRATE AS SUITABLE FOR THE APPLICATION INTENDED.
- ISOLATE DISSIMILAR METALS TO PREVENT GALVANIC CORROSION.
- PARTITION TYPES AND FIRE RESISTIVE RATINGS INDICATED ON A WALL ARE TO BE CONTINUOUS FOR THE LENGTH AND HEIGHT OF A PARTITION.
- OPENINGS IN RATED WALL, FLOOR, CEILING AND ROOF ASSEMBLIES SHALL BE SEALED WITH PENETRATION SEALANT SYSTEMS MEETING OR EXCEEDING THE REQUIRED FIRE RESISTIVE RATINGS.
- MAINTAIN THE FIRE RATING OF CONSTRUCTION AROUND CABINETS, PANELS, AND BOXES RECESSED IN FIRE RATED WALL, FLOOR, AND CEILING ASSEMBLIES.
- PROVIDE CONTINUOUS PERIMETER FIRE SAFING BETWEEN FLOORS AND COORDINATE THE INSTALLATION WITH THE EXTERIOR WALL. FIRE RATING OF SAFING SHALL MATCH FIRE RATING OF FLOOR CONSTRUCTION.
- DO NOT SCALE THE DRAWINGS.
- FIELD MEASURE AND CONFIRM DIMENSIONS FOR OWNER PROVIDED EQUIPMENT AND FURNISHINGS.
- PROVIDE STIFFENERS, BRACING, BACKING PLATES AND BLOCKING REQUIRED FOR SECURE INSTALLATION OF TOILET PARTITIONS, DOORS AND DOOR HARDWARE INCLUDING WALL-MOUNTED DOOR STOPS, HANDRAILS, WALL-MOUNTED SHELVES, OPERABLE PARTITIONS, MISCELLANEOUS EQUIPMENT, AND SUSPENDED MECHANICAL AND ELECTRICAL EQUIPMENT.
- COORDINATE ALL BASE AND HOUSEKEEPING PADS WITH MECHANICAL, PLUMBING AND ELECTRICAL EQUIPMENT.
- LOCATE ACCESS PANELS AS INDICATED ON DRAWINGS. FOR ACCESS PANELS NOT SHOWN BUT REQUIRED BY PROVISIONS OF THE CONTRACT DOCUMENTS, LOCATED IN ACCORDANCE WITH APPLICABLE CODES. SUBMIT PROPOSED LOCATIONS TO THE ARCHITECT FOR REVIEW AND ACCEPTANCE PRIOR TO INSTALLATION.

PROJECT TEAM

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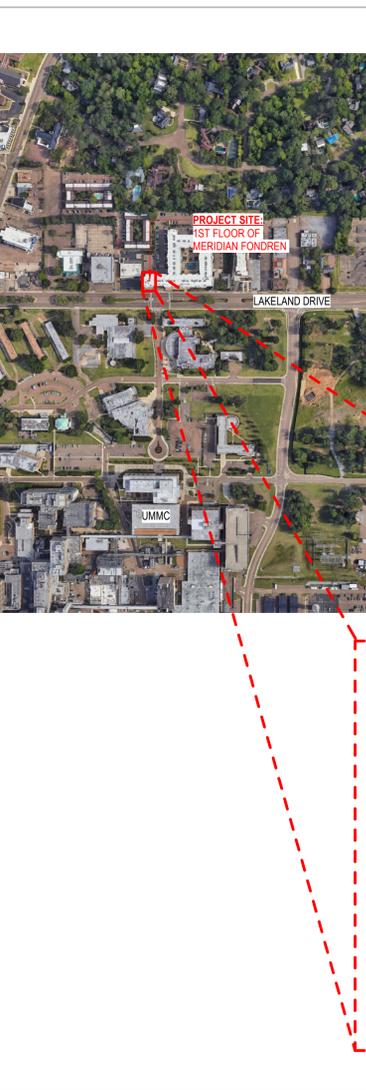
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VICINITY MAP



PROJECT DESCRIPTION

THIS PROJECT CONSISTS OF A TENANT SHELL BUILD-OUT OF APPROXIMATELY 1,550 SF AND ADDITION OF APPROXIMATELY 650 SF TO A PORTION OF THE FIRST FLOOR OF THE MERIDIAN AT FONDREN. ROOMS INCLUDE A TEACHING KITCHEN WHICH WILL CONSIST OF 5 ISLAND WORK STATIONS, DISH ROOM, CLASSROOM, AND RESTROOM.

ALTERNATE 01:
ACCESSORY MILLWORK AS INDICATED ON THE DRAWINGS

DRAWING INDEX

INDEX OF DRAWINGS		
SHEET NUMBER	SHEET NAME	CD - 8/12/24
01 - REFERENCE		
R000	COVER SHEET	X
R100	PROJECT INFO	X
R201	LIFE SAFETY & ACCESSIBILITY COMPLIANCE	X
04 - DEMOLITION		
D101	DEMOLITION FLOOR PLAN	X
05 - ARCHITECTURE		
A101	FIRST FLOOR PLAN	X
A102	REFLECTED CEILING PLAN	X
A301	WALL SECTIONS & DETAILS	X
A600	FINISH PLANS / SCHEDULE	X
A601	ENLARGED PLANS & INTERIOR ELEVATIONS	X
A801	MILLWORK DETAILS	X
06 - STRUCTURAL		
S101	FOUNDATION PLAN	X
07-MECHANICAL		
M001	MECHANICAL NOTES & LEGENDS	X
M201	MECHANICAL PLAN	X
M501	MECHANICAL DETAILS	X
M502	MECHANICAL DETAILS	X
M503	MECHANICAL DETAILS	X
M601	MECHANICAL SCHEDULES	X
08 - FIRE PROTECTION		
FP201	PARTIAL FLOOR PLANS - FIRE PROTECTION (DEMO & NEW)	X
09-PLUMBING		
P001	PLUMBING NOTES & LEGENDS	X
P201	PLUMBING FLOOR PLAN	X
P501	PLUMBING DETAILS	X
P601	PLUMBING SCHEDULES	X
P602	PLUMBING SCHEDULES	X
10 - ELECTRICAL		
ED100	DEMOLITION PLAN	X
E000	ELECTRICAL LEGEND	X
E100	LIGHTING PLAN	X
E200	POWER PLAN	X
E300	MECHANICAL AND AUXILIARY PLAN	X
13-FOOD SERVICE EQUIPMENT		
FS-1	EQUIPMENT SCHEDULE	X
FS-2	FSE FLOOR PLAN	X
FS-3	PLUMBING PLAN	X
FS-4	ELECTRICAL PLAN	X
FS-6	FLOOR PLAN	X



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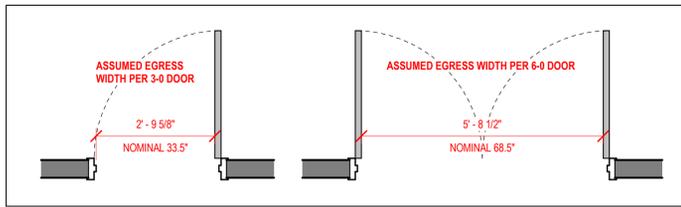
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CONSTRUCTION DOCUMENTS
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NO.	DESCRIPTION	DATE



LIFE SAFETY PLANS



MEANS OF EGRESS

OCCUPANT LOAD		EGRESS SIZING								
SEE LIFE SAFETY PLANS FOR DETAILED OCCUPANCY LOAD INFORMATION		CORRIDOR WIDTH 0.2' OR 0.15' PER OCC.			EGRESS DOOR WIDTH 0.2' OR 0.15' PER OCC.			STAIR WIDTH 0.3' OR 0.2' PER OCC.		
		MIN.	CALC.	ACTUAL	MIN.	CALC.	ACTUAL	MIN.	CALC.	ACTUAL
FIRST FLOOR	- BUSINESS: 13	44"	3'	60"	32"	3'	36"	44"	3'	54"
TOTAL	13 OCCUPANTS									

NUMBER OF EXITS			EGRESS PATH		
	REQUIRED	PROVIDED	EXIT ACCESS TRAVEL DISTANCE TABLE 1017.2	COMMON PATH TRAVEL DISTANCE TABLE 1006.2.1	
FIRST FLOOR	2	2	200'-0" MAX.	75'-0" MAX.	
			CORRIDOR FIRE-RESIST. RATING TABLE 1020.1	DEAD-END CORRIDOR LIMITS SECTION 1020.4	
TOTAL	2	2	0 HR. F.R.R. MIN.	20'-0" MAX.	

FIRE AND SMOKE PROTECTION

FLOOR ASSEMBLY : UL# N/A	EXTERIOR WALL ASSEMBLY : UL# N/A
ROOF ASSEMBLY : UL# N/A	FIRE BARRIER ASSEMBLY : UL# N/A

- A. PARTITION TYPES & FIRE RESISTIVE RATINGS INDICATED ON A WALL ARE TO BE CONTINUOUS FOR THE LENGTH & HEIGHT OF A PARTITION.
- B. OPENINGS IN RATED WALL, FLOOR, CEILING & ROOF ASSEMBLIES SHALL BE SEALED WITH PENETRATION SEALANT SYSTEMS MEETING OR EXCEEDING THE REQUIRED FIRE RESISTIVE RATINGS.
- C. MAINTAIN THE FIRE RATING OF CONSTRUCTION AROUND CABINETS, PANELS, & BOXES RECESSED IN FIRE RATED WALL, FLOOR, & CEILING ASSEMBLIES.
- D. PROVIDE CONTINUOUS PERIMETER FIRE SAFING BETWEEN FLOORS & COORDINATE THE INSTALLATION WITH THE EXTERIOR WALL. FIRE RATING OF SAFING SHALL MATCH FIRE RATING OF FLOOR CONSTRUCTION.

AUTOMATIC SPRINKLER SYSTEM REQUIREMENTS	STANDPIPE SYSTEM REQUIREMENTS
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PORTABLE FIRE EXTINGUISHER REQUIREMENTS	
F.E.C. FIRE EXTINGUISHER CABINET TYPE "ABC" FIRE EXTINGUISHER IN SEMI-RECESSED WALL CABINET. CONFIRM PLACEMENT WITH LOCAL INSPECTOR / FIRE MARSHAL PRIOR TO INSTALLATION.	F.E.-K FIRE EXTINGUISHER - KITCHEN TYPE "K" FIRE EXTINGUISHER ON SURFACE-MOUNTED WALL HOOK. CONFIRM PLACEMENT WITH LOCAL INSPECTOR / FIRE MARSHAL PRIOR TO INSTALLATION.
F.E. FIRE EXTINGUISHER TYPE "ABC" FIRE EXTINGUISHER ON SURFACE-MOUNTED WALL HOOK. CONFIRM PLACEMENT WITH LOCAL INSPECTOR / FIRE MARSHAL PRIOR TO INSTALLATION.	SEE LIFE SAFETY PLANS AND FLOOR PLANS FOR LOCATIONS OF EACH TYPE OF PORTABLE FIRE EXTINGUISHER. • MAX FLOOR AREA PER F.E.: 3500SQFT • MAX DISTANCE BETWEEN F.E.: 75FT

PLUMBING FIXTURES

TOTAL OCCUPANT LOAD PER OCCUPANCY CLASSIFICATION	WATER CLOSETS AND/OR URINALS		LAVATORIES		DRINKING FOUNTAINS	SERVICE SINKS
	MALE/FEMALE	MALE	FEMALE			
BUSINESS OCCUPANCY 13 TOTAL	1 PER 25		1 PER 40		1 REQUIRED	1 REQUIRED
TOTAL PROVIDED	1 PROVIDED		1 PROVIDED		1 PROVIDED	1 PROVIDED

GENERAL INFO

PROJECT CONTACTS			
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ADDITIONAL AHJ	CONTACT PERSON(S)	ADDITIONAL AHJ	CONTACT PERSON(S)

APPLICABLE CODES		
SCOPE	YEAR / CODE	AUTHORITY
BUILDING	2015 INTERNATIONAL BUILDING CODE	INTERNATIONAL CODE COUNCIL
ACCESSIBILITY	2010 ADA STANDARDS FOR ACCESSIBLE DESIGN	UNITED STATES DEPARTMENT OF JUSTICE
LIFE SAFETY	2015 INTERNATIONAL BUILDING CODE	INTERNATIONAL CODE COUNCIL
FIRE PREVENTION	2015 INTERNATIONAL FIRE CODE	INTERNATIONAL CODE COUNCIL
ENERGY	2015 INTERNATIONAL BUILDING CODE	INTERNATIONAL CODE COUNCIL
ELECTRIC	NFPA 70 2005 EDITION	NATIONAL FIRE PREVENTION ASSOCIATION
PLUMBING	2015 INTERNATIONAL PLUMBING CODE	INTERNATIONAL CODE COUNCIL
MECHANICAL	2015 INTERNATIONAL MECHANICAL CODE	INTERNATIONAL CODE COUNCIL
GAS	2015 INTERNATIONAL FUEL GAS CODE	INTERNATIONAL CODE COUNCIL
ZONING	XXXXXXX	XXXXXXX

USE GROUP AND OCCUPANCY CLASSIFICATION			
USE GROUP(S):	-GROUP B BUSINESS		

CONSTRUCTION TYPE & FIRE RESISTANCE RATINGS			
FIRE-RESISTANCE RATINGS PER TABLE 601		FIRE-RESISTANCE RATINGS FOR NONBEARING EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE PER TABLE 602	
STRUCTURAL FRAME	0 HR.		
FLOOR CONSTRUCTION	0 HR.	FIRE SEPARATION DISTANCE	CONSTR. TYPE IIB
ROOF CONSTRUCTION	0 HR.	X ≤ 5'	1 HR.
EXTERIOR BEARING WALLS	0 HR.	5' ≤ X ≤ 10'	1 HR.
INTERIOR BEARING WALLS	0 HR.	10' ≤ X ≤ 30'	0 HR.
INTERIOR NONBEARING WALLS	0 HR.	X > 30'	0 HR.
BUILDING FULLY SPRINKLERED:	Y	N	

HEIGHT & AREA LIMITATIONS

HEIGHT	AREA	
	ALLOWABLE	ACTUAL
PER IBC TABLE 504.3 (IN FEET)		
PER IBC TABLE 504.4 (IN STO.)		

BUILDING DIAGRAMS	
SECTION 506.3 FRONTAGE INCREASE EVERY BUILDING SHALL ADJOIN OR HAVE ACCESS TO A PUBLIC WAY TO RECEIVE AN AREA FACTOR INCREASE BASED ON FRONTAGE. SECTION 506.3.3 AMOUNT OF INCREASE THE AREA FACTOR INCREASE BASED ON FRONTAGE SHALL BE DETERMINED IN ACCORDANCE WITH EQUATION 5-5. DERIVE "W" VALUE USING EQUATION 5-4. W = [(L1*1) + (L2*2) + (L3*3)] / F WHERE: L1 = LENGTH OF A PORTION OF THE EXTERIOR PERIMETER WALL. W1 = WIDTH OF A PUBLIC WAY OR OPEN SPACE ASSOCIATED WITH THAT PORTION OF THE EXTERIOR PERIMETER WALL. F = BUILDING PERIMETER THAT FRONTS ON A PUBLIC WAY OR OPEN SPACE HAVING A WIDTH OF 20 FT OR MORE. USE VALUE "W" FOR "W" IN EQUATION 5-5. F1 = 425425 + 0.25W3000 WHERE: F1 = AREA FACTOR INCREASE DUE TO FRONTAGE. F = BUILDING PERIMETER THAT FRONTS ON A PUBLIC WAY OR OPEN SPACE HAVING MINIMUM DISTANCE OF 20 FEET. P = PERIMETER OF ENTIRE BUILDING (FEET). W = WIDTH OF PUBLIC WAY OR OPEN SPACE IN ACCORDANCE WITH SECTION 506.3.2. ALLOWABLE BUILDING AREA SECTION 506.2.1 SINGLE-OCCUPANCY, ONE-STORY BUILDINGS EQUATION 5-1: A1 = (P1 - 144)E1 WHERE: A1 = ALLOWABLE BUILDING AREA A1 = ALLOWABLE AREA FACTOR PER TABLE 506.2 N1 = ALLOWABLE AREA FACTOR IN ACCORDANCE WITH TABLE 506.2 FOR A NONSPRINKLERED BUILDING. F1 = AREA FACTOR INCREASE DUE TO FRONTAGE (EQUATION 5-5)	SITE PLAN DIAGRAM

BUILDING DIAGRAMS	
SECTION 506.3 FRONTAGE INCREASE EVERY BUILDING SHALL ADJOIN OR HAVE ACCESS TO A PUBLIC WAY TO RECEIVE AN AREA FACTOR INCREASE BASED ON FRONTAGE. SECTION 506.3.3 AMOUNT OF INCREASE THE AREA FACTOR INCREASE BASED ON FRONTAGE SHALL BE DETERMINED IN ACCORDANCE WITH EQUATION 5-5. DERIVE "W" VALUE USING EQUATION 5-4. W = [(L1*1) + (L2*2) + (L3*3)] / F WHERE: L1 = LENGTH OF A PORTION OF THE EXTERIOR PERIMETER WALL. W1 = WIDTH OF A PUBLIC WAY OR OPEN SPACE ASSOCIATED WITH THAT PORTION OF THE EXTERIOR PERIMETER WALL. F = BUILDING PERIMETER THAT FRONTS ON A PUBLIC WAY OR OPEN SPACE HAVING A WIDTH OF 20 FT OR MORE. USE VALUE "W" FOR "W" IN EQUATION 5-5. F1 = 425425 + 0.25W3000 WHERE: F1 = AREA FACTOR INCREASE DUE TO FRONTAGE. F = BUILDING PERIMETER THAT FRONTS ON A PUBLIC WAY OR OPEN SPACE HAVING MINIMUM DISTANCE OF 20 FEET. P = PERIMETER OF ENTIRE BUILDING (FEET). W = WIDTH OF PUBLIC WAY OR OPEN SPACE IN ACCORDANCE WITH SECTION 506.3.2. ALLOWABLE BUILDING AREA SECTION 506.2.1 SINGLE-OCCUPANCY, ONE-STORY BUILDINGS EQUATION 5-1: A1 = (P1 - 144)E1 WHERE: A1 = ALLOWABLE BUILDING AREA A1 = ALLOWABLE AREA FACTOR PER TABLE 506.2 N1 = ALLOWABLE AREA FACTOR IN ACCORDANCE WITH TABLE 506.2 FOR A NONSPRINKLERED BUILDING. F1 = AREA FACTOR INCREASE DUE TO FRONTAGE (EQUATION 5-5)	SITE PLAN DIAGRAM

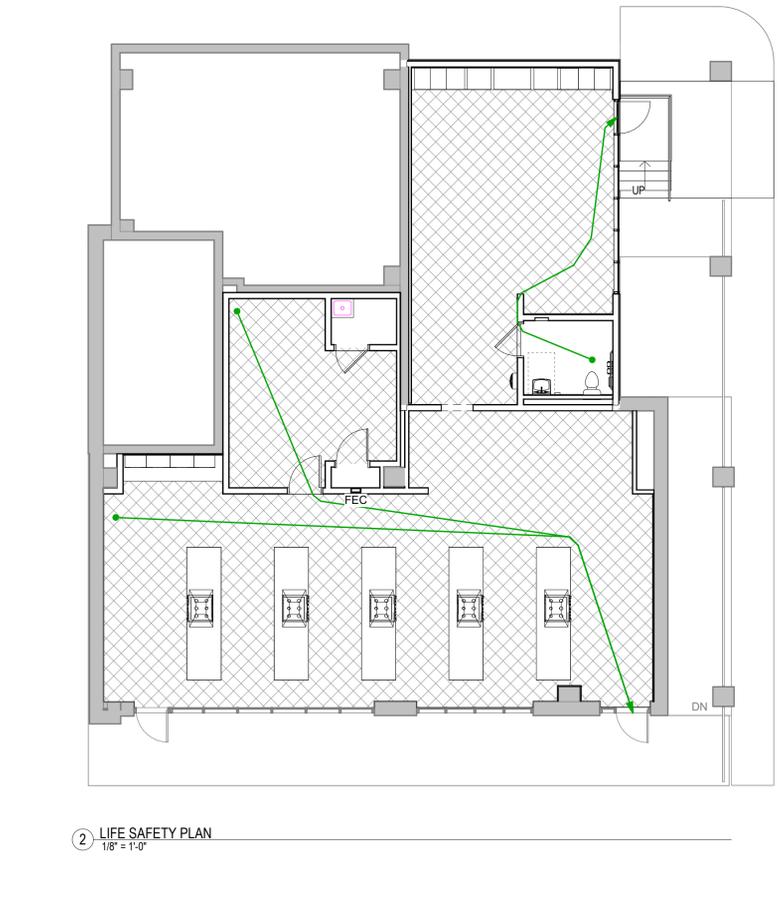
LIFESAFETY PLAN GENERAL NOTES

- A. PARTITION TYPES & FIRE RESISTIVE RATINGS INDICATED ON A WALL ARE TO BE CONTINUOUS FOR THE LENGTH & HEIGHT OF A PARTITION.
- B. OPENINGS IN RATED WALL, FLOOR, CEILING & ROOF ASSEMBLIES SHALL BE SEALED WITH PENETRATION SEALANT SYSTEMS MEETING OR EXCEEDING THE REQUIRED FIRE RESISTIVE RATINGS.
- C. MAINTAIN THE FIRE RATING OF CONSTRUCTION AROUND CABINETS, PANELS, & BOXES RECESSED IN FIRE RATED WALL, FLOOR, & CEILING ASSEMBLIES.
- D. PROVIDE CONTINUOUS PERIMETER FIRE SAFING BETWEEN FLOORS & COORDINATE THE INSTALLATION WITH THE EXTERIOR WALL. FIRE RATING OF SAFING SHALL MATCH FIRE RATING OF FLOOR CONSTRUCTION.
- E. READ SIGNAGE:
 - THE G.C. IS TO PROVIDE ALL REQ'D. TACTILE SIGNAGE AS DIRECTED BY LOCAL CODE OFFICIALS INCLUDING, BUT NOT LIMITED TO: RESTROOM, EXIT, STAIR, RAMP & DIRECTIONAL SIGNS.
 - SIGNS ARE TO BE PROVIDED AT ALL EXITS IN ACCORDANCE W/ THE ADA STANDARDS FOR ACCESSIBLE DESIGN.
 - G.C. TO PROVIDE EXT. PIN-MTD., 4" HIGH (MIN.), ALUM. ADDRESS NUMBERS, COLOR AS SELECTED BY ARCHITECT. LOCATE AS APPROVED BY THE LANDLORD & JURISDICTION.
- F. FIRE SPRINKLER & ALARM SYSTEM(S):
 - THE G.C. IS TO PROVIDE & INSTALL FIRE SPRINKLER & ANY REQ'D. ALARM SYS. THROUGH A LICENSED / VERIFIED FIRE SUPPRESSION CONTRACTOR.
 - FIRE SUPPRESSION CONTRACTOR IS TO PROVIDE, UNDER SEPARATE COVER FROM THESE PLANS, ALL REQUIRED DRAWINGS & DOCUMENTATION FOR THE SUPPRESSION SYSTEM (SPRINKLER & ALARM) & IS RESPONSIBLE FOR PLAN SUBMISSION, APPROVAL & OBTAINING ANY SEPARATE PERMITS FOR SYS. INSTALLATION.
 - SUPPRESSION SYSTEM CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL SPRINKLER HEADS & ALARM DEVICES (STROBES, PULLS, BELLS, DETECTORS, ETC.) W/ THESE PLANS.
 - THE SUPPRESSION CONTRACTOR IS ADVISED TO NOTIFY & COORDINATE WITH THE LOCAL FIRE JURISDICTION (FIRE MARSHAL) PRIOR TO THE START OF WORK.
 - THE SUPPRESSION CONTRACTOR IS ADVISED TO CONTRACT THE PLANS AND / OR NECESSARY BUILDING INFORMATION FOR THEIR USE.
 - SEE ELEC. & PLUMB. SHEETS FOR MORE INFORMATION ON THE FIRE SUPPRESSION SYS.

LIFESAFETY PLAN SYMBOL LEGEND

F.E.C.	F.E.C. W/ TYPE "ABC" F.E. - CONFIRM PLACEMENT W/ LOCAL INSPECTOR / FIRE MARSHAL PRIOR TO INSTALLATION	1	1 HR RATED WALL
F.E.	F.E. W/ TYPE "ABC" F.E. W/ WALL HOOK - CONFIRM PLACEMENT W/ LOCAL INSPECTOR / FIRE MARSHAL PRIOR TO INSTALLATION	2	2 HR RATED WALL
F.E.-K	F.E.-K W/ TYPE "K" F.E. W/ WALL HOOK - CONFIRM PLACEMENT W/ LOCAL INSPECTOR / FIRE MARSHAL PRIOR TO INSTALLATION		
OCC	MAX. OCCUPANCY NOTIFICATION SIGN		

←	LINEAR FT
●	EXIT ACCESS TRAVEL DISTANCE



UMMC TEACHING KITCHEN THE UNIVERSITY OF MISSISSIPPI MEDICAL CENTER

2500 N STATE ST JACKSON, MS 39216



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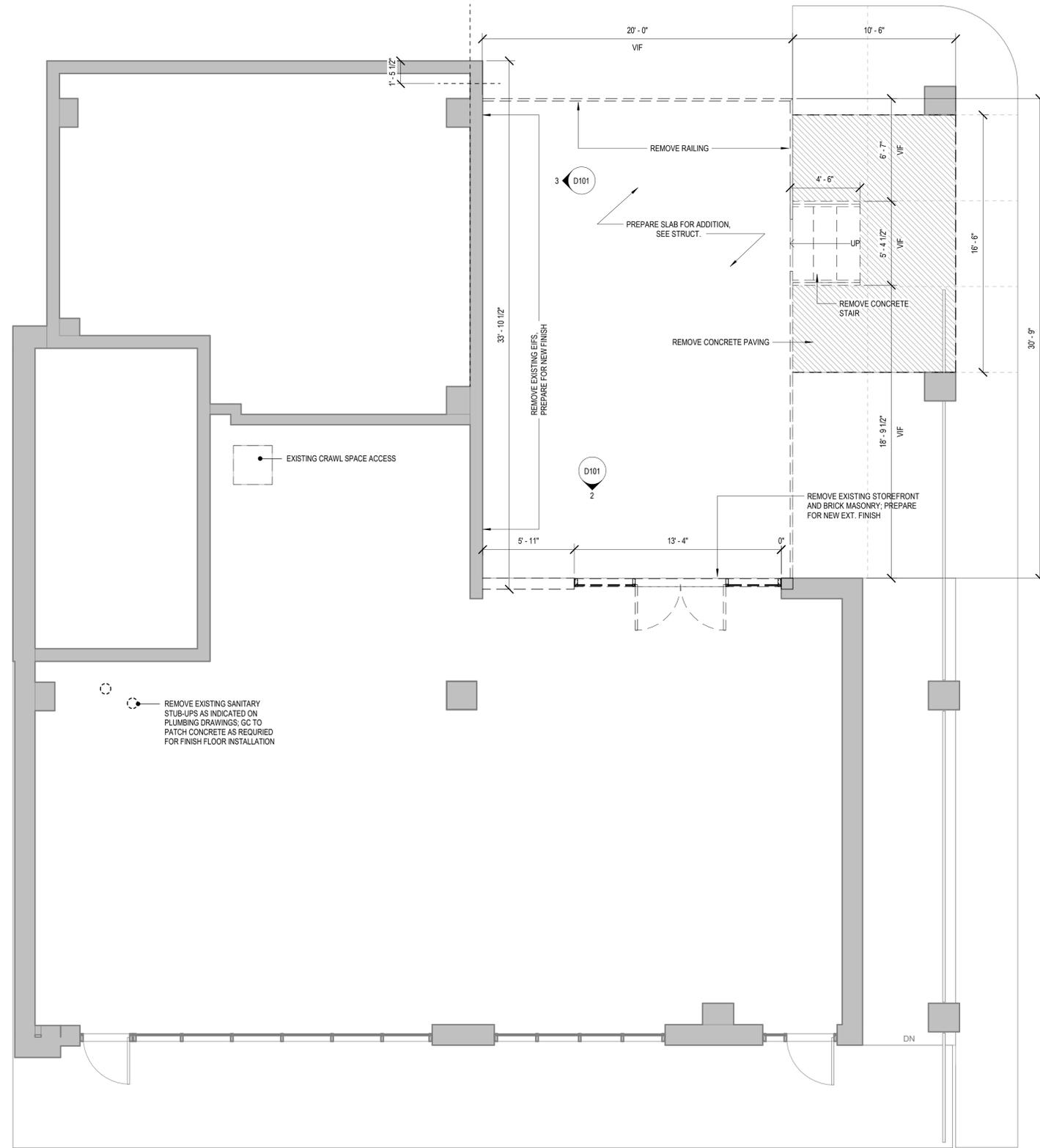
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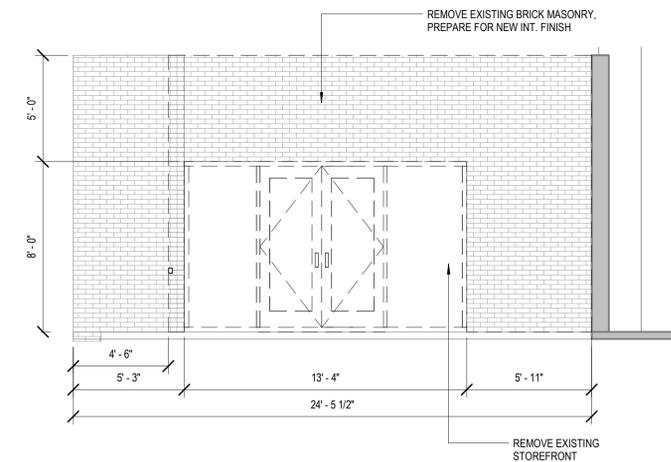


GEN. NOTES - DEMOLITION

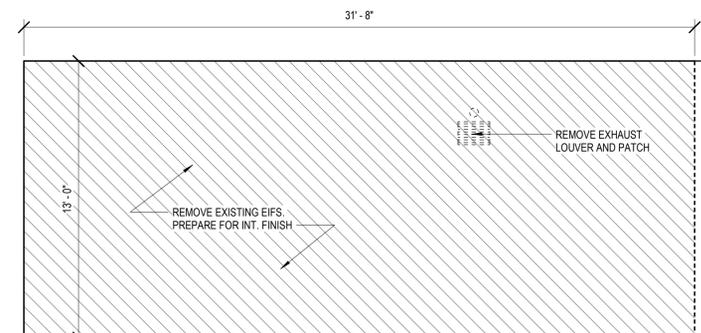
- A. ALL INFORMATION IS BASED ON FIELD OBSERVATIONS & OWNER SUPPLIED DOCUMENTS & MAY NOT REFLECT ACTUAL FIELD CONDITIONS. UPON DISCOVERY OF ANY DISCREPANCIES BETWEEN DRAWINGS DEPICTING EXIST. CONDITIONS OR UPON DISCOVERY OF UNKNOWN CONDITIONS DETRIMENTAL TO THE COMPLETION OF THE WORK AS INDICATED IN THE DOCUMENTS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT, IN WRITING, OF THE CONDITION IN QUESTION BEFORE PROCEEDING WITH WORK IN THAT AREA.
- B. SALVAGE IS DEFINED AS CAREFULLY REMOVING & RETAINING ITEMS FOR REUSE. FURTHER EVALUATION OF CERTAIN ITEMS IN TERMS OF SALVAGE DESIRABILITY MAY OCCUR PRIOR TO CONSTRUCTION.
- C. CONTRACTOR IS RESPONSIBLE FOR ALL SHORING & BRACING NECESSARY TO MAINTAIN INTEGRITY OF EXIST. STRUCTURE AT ALL TIMES.
- D. IF ANY EXIST. FIREPROOFING OR ASSEMBLIES WHICH ARE INDICATED TO REMAIN ARE DAMAGED DURING DEMOLITION THE CONTRACTOR SHALL REPAIR DAMAGE TO THE LEVEL OF THE ORIGINAL FIRE PROTECTION REQUIREMENTS.
- E. CARE SHALL BE TAKEN AT INTERFACE BETWEEN DEMOLITION & EXIST. CONSTRUCTION TO REMAIN TO AVOID DAMAGE TO ALL SYSTEMS TO REMAIN. ALL EXIST. CONSTRUCTION REMAINING AFTER DEMOLITION THAT INTERFERES WITH NEW CONSTRUCTION SHALL BE REMOVED AS DIRECTED BY THE ARCHITECT UPON NOTIFICATION BY THE CONTRACTOR.
- G. REMOVE EXIST. CONSTRUCTION AS INDICATED. THE TYPICAL WALL REMOVAL INCLUDES FINISHES & MECHANICAL, PLUMBING & ELECTRICAL SYSTEMS CONTAINED THEREIN. REMOVE ALL WALL COVERING @ WALLS TO REMAIN & PREP FOR PAINT WITHIN EXTENTS OF PHASE. REMOVE ALL WALL BASE. REMOVE DOORS, CASEWORK, WINDOWS, FRAMES, & OTHER FIXTURES AS REQUIRED. REMOVE ALL WINDOW COVERINGS IN THEIR ENTIRETY. AFTER REMOVAL OF PIPE CHASES, PATCH HOLES IN FLOORS OR EXIST. WALLS TO REMAIN TO MEET ORIGINAL FIRE PROTECTION & STRUCTURAL REQUIREMENTS. PATCH ADJOINING WALLS, FLOORS & DECK & PREPARE SURFACES TO RECEIVE A NEW FINISH AS PER FINISH SCHEDULE. REMOVE ALL REMAINING MORTAR / SETTING BEDS & RESIDUE FROM EXIST. FLOORING SURFACES.
- H. THE CONTRACTOR SHALL BE RESPONSIBLE FOR EXIST. SUBSTRATE CORRECTION IN ALL AREAS WHERE MECHANICAL, PLUMBING & ELECTRICAL EQUIP. & SERVICES ARE REMOVED.
- I. IT IS INTENDED THAT REMOVAL OF ALL MAJOR MECHANICAL, PLUMBING & ELECTRICAL ITEMS BE COMPLETED BY THEIR RESPECTIVE TRADES. ALL ITEMS TO BE REMOVED ARE NOT NECESSARILY SHOWN ON THESE DOCUMENTS. ONCE REMOVAL OF MAJOR ITEMS IS COMPLETED BY RESPECTIVE TRADES, THE REMAINING ITEMS ARE TO BE REMOVED BY THE GENERAL CONTRACTOR.
- J. DEMOLITION WORK SHALL BE EXECUTED IN CONFORMANCE WITH ALL CODES & ORDINANCES AS SET FORTH BY ALL GOVERNING AUTHORITIES.
- K. THE CONTRACTOR SHALL NOTIFY, COORDINATE, SCHEDULE & RECEIVE PRIOR PERMISSION FROM THE OWNER IF ANY SHUTDOWN OF SERVICES IS NECESSARY TO COMPLETE THE WORK. NOTIFICATION SHALL INCLUDE THE TYPE OF SERVICE, AREA AFFECTED, REQUESTED SHUTDOWN TIME, LENGTH OF TIME, SERVICE TO BE DISCONNECTED & PROPOSED RECONNECTION TIME. PROVIDE MIN. 48-HOURS WRITTEN NOTICE TO OWNER FOR ALL SCHEDULED SHUT-DOWNS. DO NOT PERFORM UTILITY SHUT-DOWNS WITHOUT THE OWNERS WRITTEN CONSENT. COORDINATE WORK RELATED TO SHUT-DOWN TO MINIMIZE UTILITY DOWN-TIME. THE OWNER SHALL REQUIRE ALL UTILITY SHUT-DOWNS TO BE PERFORMED AT NON-PEAK DEMAND TIMES. THE OWNER MAY REQUIRE UTILITY SHUT-DOWNS TO BE PERFORMED AFTER NORMAL BUSINESS HOURS.
- L. ALL OPENING, GAPS & VOIDS IN EXIST. CONSTRUCTION LEFT OR UNCOVERED BY DEMOLITION ARE TO BE FILLED USING MATERIALS THAT MATCH SIZE & CONFIGURATION OF ADJACENT EXIST. CONSTRUCTION UNLESS OTHERWISE NOTED HEREIN & AS APPROVED BY THE ARCHITECT.
- M. CONTRACTOR SHALL MAINTAIN ADEQUATE EGRESS AT ALL TIMES.
- N. SEE HAZARDOUS MATERIAL INSPECTION REPORTS & ABATEMENT SPECIFICATION DIAGRAMS FOR EXTENT OF ACM & LBP. TO BE ABATED.
- O. WHERE EXISTING CEILINGS ARE TO BE DEMOLISHED, DEMOLISH CEILING IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO, SUSPENDED CEILING ASSEMBLIES, DIRECT MOUNT CEILING ASSEMBLIES, LIGHTING FIXTURES, & MECH. GRILLES.



- REMOVE ALL EXISTING LIGHT FIXTURES
- REMOVE EIFS AS INDICATED
- REMOVE BRICK AND STOREFRONT AS INDICATED
- REMOVE CONCRETE PAVING AND PREPARE FOR NEW CONC. STAIR
- REMOVE EXIST. CONC STAIR AND RAILINGS AS SHOWN ON PLAN



2 DEMO NORTH ELEVATION
1/4" = 1'-0"



3 DEMO ELEVATION EAST
1/4" = 1'-0"

DEMOLITION PLAN LEGEND	
EXISTING CONSTRUCTION TO BE DEMOLISHED; REFER TO DEMO KEYNOTES	-----
EXISTING CONSTRUCTION TO REMAIN	—————
EXISTING DOOR TO BE DEMOLISHED; REFER TO DEMO KEYNOTES	⌋
EXISTING DOOR TO REMAIN; REFER TO DEMO KEYNOTES	⌋



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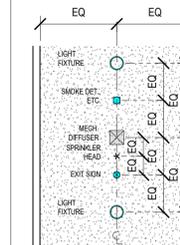
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REVISIONS
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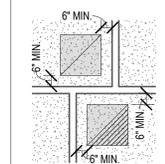
1 FIRST FLOOR PLAN - UMMC TEACHING KITCHEN
1/4" = 1'-0"

RCP GENERAL NOTES

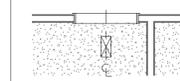
- A. REFER TO FP. DWGS. FOR ALL AUTOMATIC FIRE SUPPRESSION SYS. REQ. G.C. TO COORD. SPRINKLER SYS. W/ WORK OF ALL OTHER TRADES.
- B. CONFIRM LIGHTING LAYOUT W/ ARCH. PRIOR TO INSTALLATION.
- C. REFER TO MECH. & ELEC. DWGS. FOR WALL MTD. GRILLES & DIFFUSERS & ALL OTHER ADDITIONAL FIXTURES, DEVICES & ITEMS NOT SHOWN.
- D. INSTALL ALL CEILING FIXTURES AS DIMENSIONED ON RCPs. IN ROOMS/SPACES W/ ONLY ONE FIXTURE, CENTER EA. WAY.
- E. FOR TYP. CONDITIONS, FOLLOW INSTALLATION PARAMETERS AS SHOWN BELOW.
- F. FOR ALL ATYPICAL CONDITIONS, & FOR ALL CONDITIONS WHERE CEILING COMPONENTS CANNOT BE INSTALLED AS SHOWN ON RCPs, COORDINATE EXACT LOCATIONS W/ ARCHITECT IN FIELD.
- G. LIGHT FIXTURES, MECH. DIFFUSERS & GRILLES, & ALL OTHER DEVICES SHOWN ON REFLECTED CEILING PLANS (RCPs) ARE FOR COORD. PURPOSES ONLY. REFER TO MECH., ELEC., & PLUMBING/FIRE PROTECTION DWGS. FOR ALL PRICING TAKE-OFFS. COORD. W/ OWNER/ARCHITECT IN FIELD.
- H. LOCATE ACCESS PANELS AS INDICATED ON DWGS. FOR ACCESS PANELS NOT SHOWN BUT REQ'D. BY PROVISIONS OF THE CONTRACT DOCUMENTS, LOCATE IN ACCORDANCE W/ APPLICABLE CODES. SUBMIT PROPOSED LOCATIONS TO THE ARCHITECT FOR REVIEW & ACCEPTANCE PRIOR TO INSTALLATION. ALL CEILING ACCESS PANELS ARE TO BE PROVIDED & INSTALLED TO MAINTAIN ALL REQ'D. FIRE RATINGS.
- J. CONTRACTOR IS TO SUBMIT PROPOSED LOCATIONS TO THE ARCHITECT FOR REVIEW & ACCEPTANCE PRIOR TO INSTALLATION FOR ANY & ALL CEILING MTD. FIXTURES OR DEVICES NOT SHOWN BUT REQ'D. BY PROVISIONS OF THE CONTRACT DOCUMENTS.



- K. IN ALL CORRIDORS:
 - (a) ALIGN ALL RECESSED CAN LIGHT FIXTURES W/ 1/4 OF CORRIDOR & DIM. AS SHOWN ON RCP.
 - (b) WHERE DIFFUSERS & GRILLES OCCUR, ALIGN W/ 1/4 OF CORRIDOR & CENTER BETWEEN LIGHT FIXTURES.
 - (c) WHERE ALL OTHER ELEC. DEVICES OCCUR IN CEILINGS, CENTER BETWEEN ADJACENT LIGHT FIXTURES, DIFFUSERS, GRILLES, ETC. WHERE POSSIBLE.
 - (d) WHERE SPRINKLER HEADS OCCUR, ALIGN W/ 1/4 OF CORRIDOR & SPACE AS NECESSARY TO ACHIEVE REQUIRED COVERAGE.



- I. WHERE DIFFUSERS & GRILLES OCCUR TIGHT TO ROOM CORNERS, DIM. AS SHOWN IN ALL CONDITIONS WHERE POSSIBLE.
- NOTE:** SEE ELEC. DWGS. FOR LIGHT FIXTURE INFORMATION.
- SEE MECH. DWGS. FOR HVAC INFORMATION.
- REFER TO EXT. ELEVATIONS FOR ADDITIONAL LIGHTING & MECH. REQ.



- M. WHERE DIFFUSERS & GRILLES OCCUR AT DOORWAYS, ALIGN AT CENTERLINE OF DOORWAY AS SHOWN. POSITION IN OTHER DIRECTION AS DIM. ON RCP. COORD. W/ ARCHITECT IN FIELD U.N.O.

RCP LEGEND

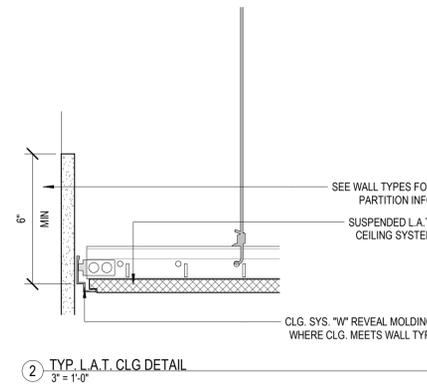
CEILING TYPE LEGEND:

- ACOUS. PANEL CLNG ASY. - SUSP. FROM STRUCT.
- EXPOSED STRUCTURE, NO CEILING
- EXIST ACOUS. PANEL CLNG TO REMAIN.
- GYP. BD. CLG. OR SOFFIT ASY. - RIGIDLY ATTACHED TO STRUCT.
- CLEAN ACOUS. PANEL CLNG ASY. - SUSP. FROM STRUCT.

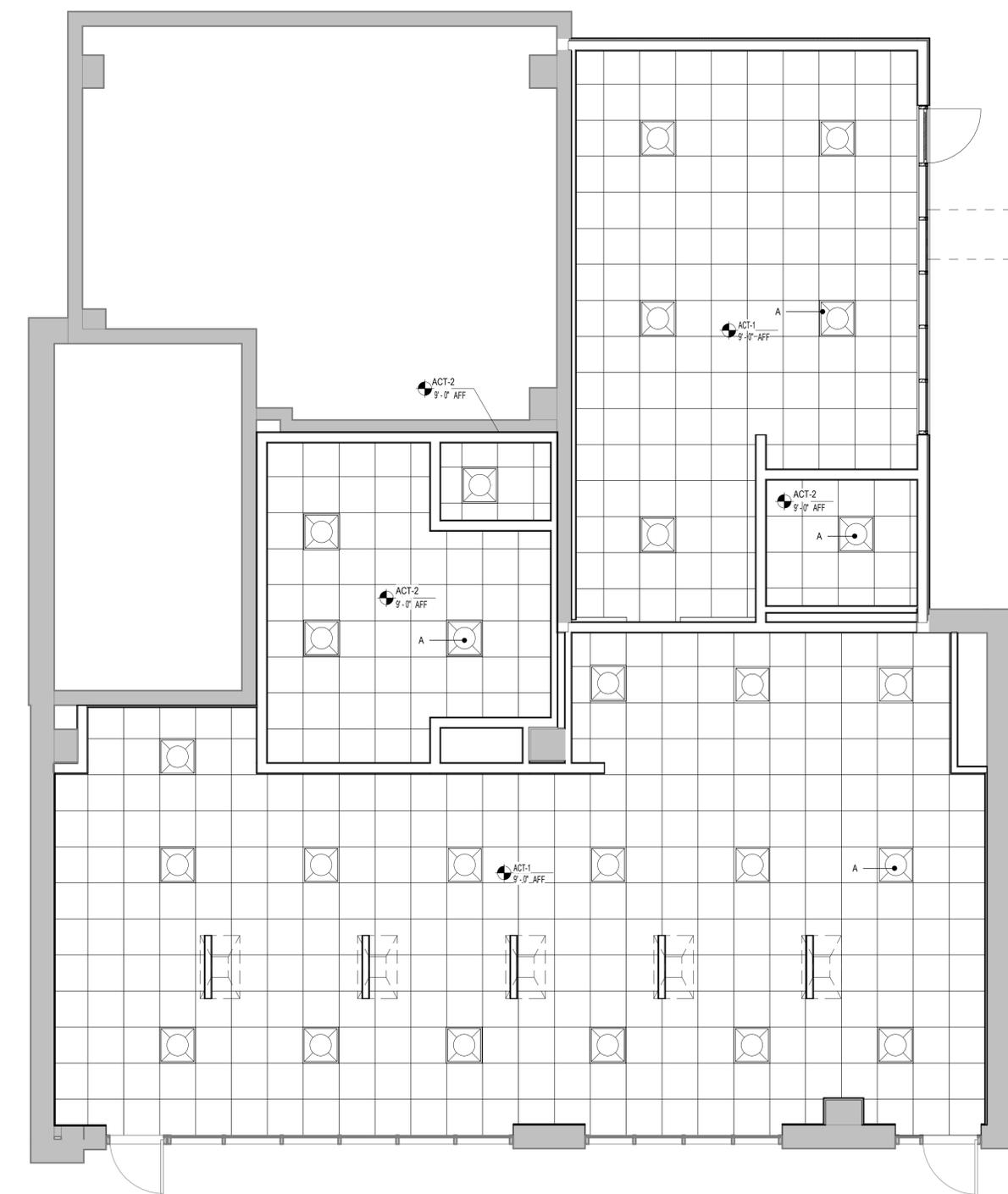
CEILING SYMBOL LEGEND:

- RECESSED FIXTURE
- SURFACE MTD. FIXTURE
- SURFACE MTD. ADJUSTABLE LED FIXTURE
- PENDANT FIXTURE
- PENDANT DOWNLIGHT FIXTURE
- WALL MTD. FIXTURE
- 2X2 RECESSED FIXTURE
- 2X4 RECESSED FIXTURE
- SURFACE MTD. FIXTURE
- STRIP LIGHT FIXTURE
- RECESSED LINEAR SLOTLIGHT
- SURFACE MTD. ADJUSTABLE FIXTURE EXIT SIGN
- HVAC SUPPLY REGISTER
- HVAC RETURN REGISTER
- HVAC EXHAUST REGISTER
- CEILING ACCESS PANEL
- P= PANEL FOR PLUM. M= PANEL FOR MECH.
- CEILING FAN

A: LIGHT FIXTURE COOPER LIGHTING
STYLE: METALUX 22FP LED
SIZE: 2 X 2, 4000K



2 TYP. L.A.T. CLG. DETAIL
3\"/>



1 RCP
1/4\"/>



9/12/2024

CONSTRUCTION DOCUMENTS
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REVISIONS

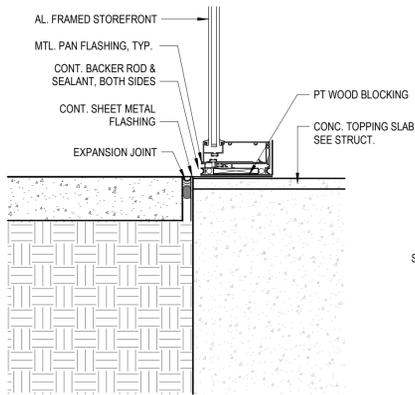
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GENERAL ASSEMBLY NOTES:
 1. SEE SPECIFICATIONS FOR MORE DETAILED REQUIREMENTS OF EA. ASSEMBLY ITEM, TYP.
 2. COORD. FRAMING W/ STRUCT. DWGS.
 3. COORD. SHEATHING W/ STRUCT. DWGS. TAPE ALL JOINTS & SEAL ALL PENETRATIONS.
 4. COORD. MASONRY REINFORCING W/ STRUCT. DWGS.
 5. SEE FINISH SCHED. FOR INTERIOR FINISH MATERIALS

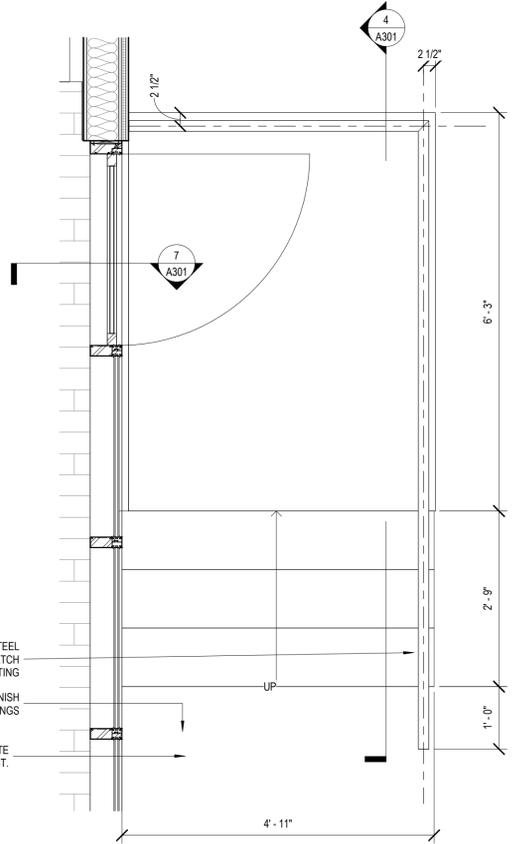
WALLS ASSEMBLIES:

TYP. EIFS ON CFS FRAMING WALL ASSEMBLY

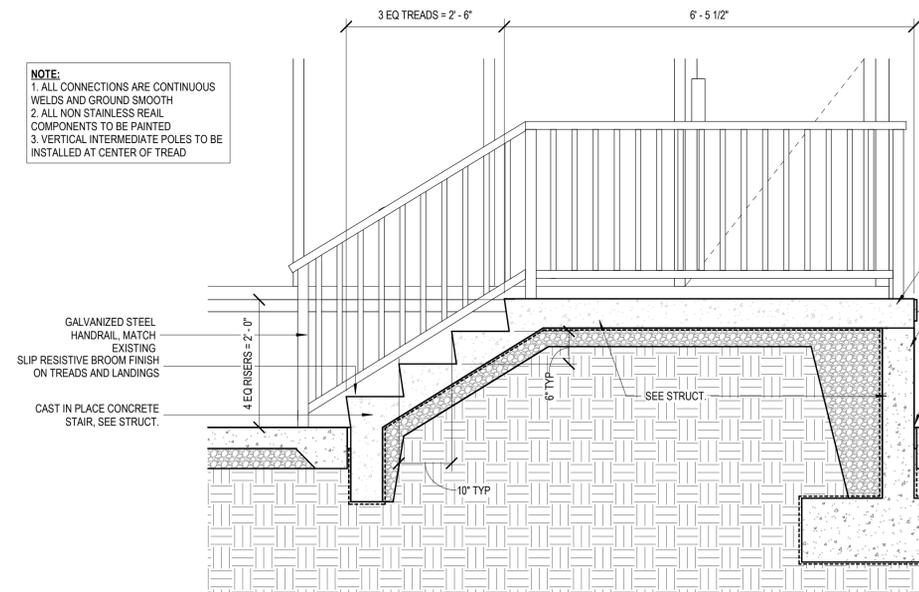
- EIFS
- WATERPROOFING OR WEATHER BARRIER
- WOOD OR GYPSUM SHEATHING
- COLD FORMED STEEL FRAMING FILLED w/ CONT. BATT. INSUL.
- GYPSUM BOARD
- OTHER INTERIOR FINISHES AS NOTED IN SCHEDULE



7 EXTERIOR STAIR - SECTION DETAIL
 1 1/2" = 1'-0"

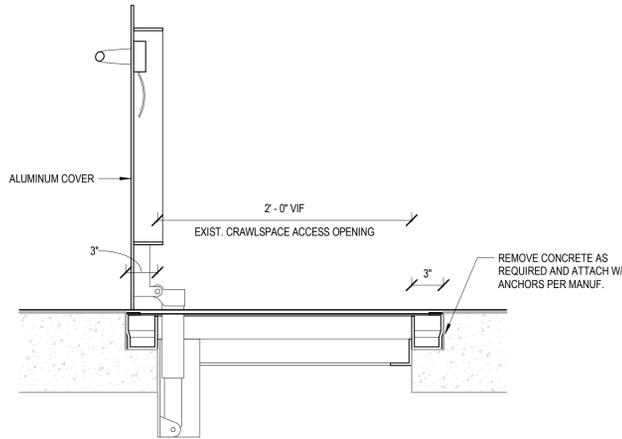


6 EXTERIOR STAIR - PLAN
 3/4" = 1'-0"

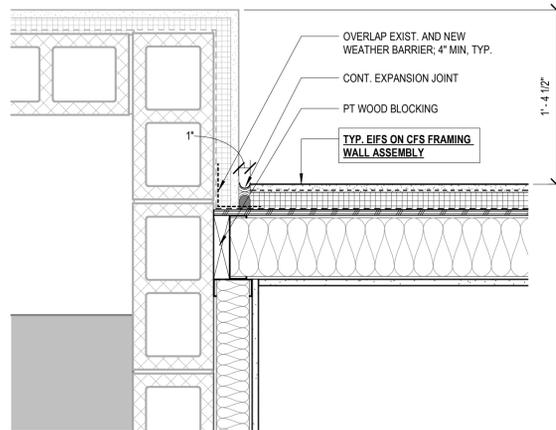


NOTE:
 1. ALL CONNECTIONS ARE CONTINUOUS WELDS AND GROUND SMOOTH
 2. ALL NON STAINLESS REAL COMPONENTS TO BE PAINTED
 3. VERTICAL INTERMEDIATE POLES TO BE INSTALLED AT CENTER OF TREAD

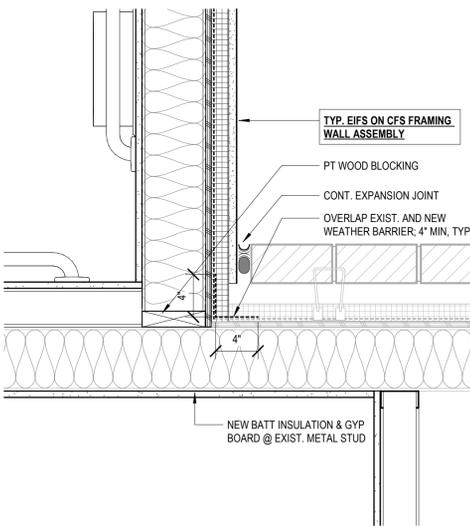
4 EXTERIOR STAIR - SECTION
 3/4" = 1'-0"



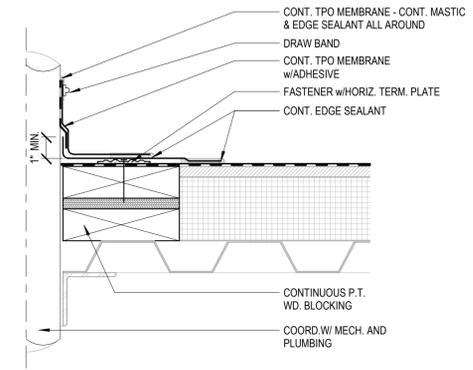
9 ACCESS DOOR DETAIL
 1 1/2" = 1'-0"



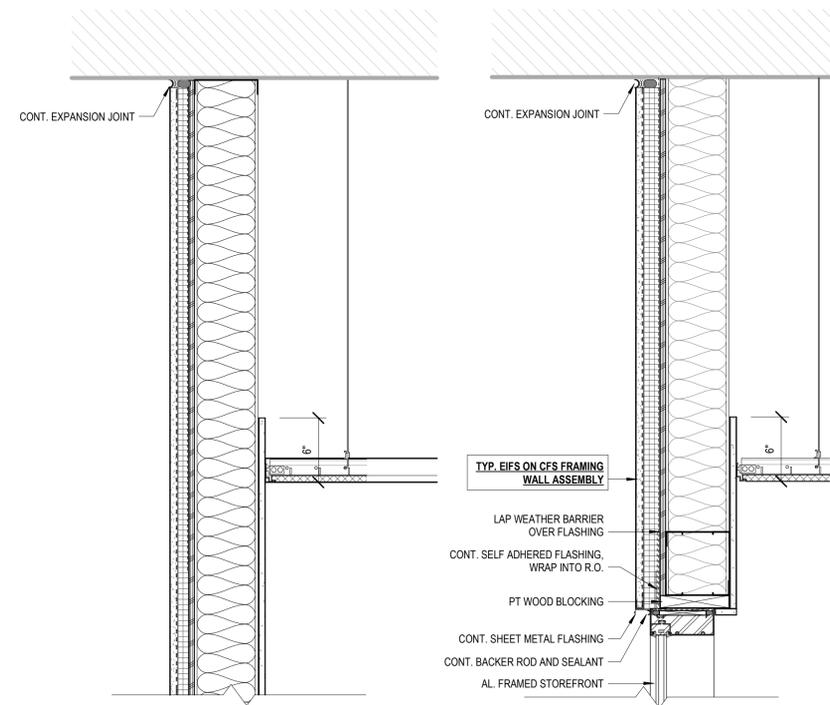
5 PLAN DETAIL @ ADDITION 01
 1 1/2" = 1'-0"



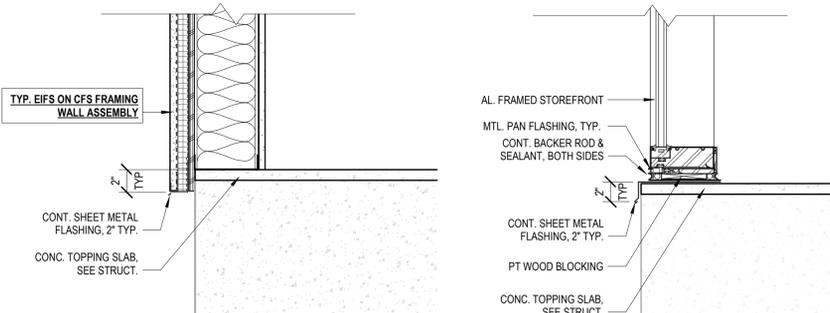
3 PLAN DETAIL @ ADDITION 02
 1 1/2" = 1'-0"



8 TYP. TPO PENETRATION
 3" = 1'-0"



2 WALL SECTION @ ADDITION (EIFS)
 1 1/2" = 1'-0"



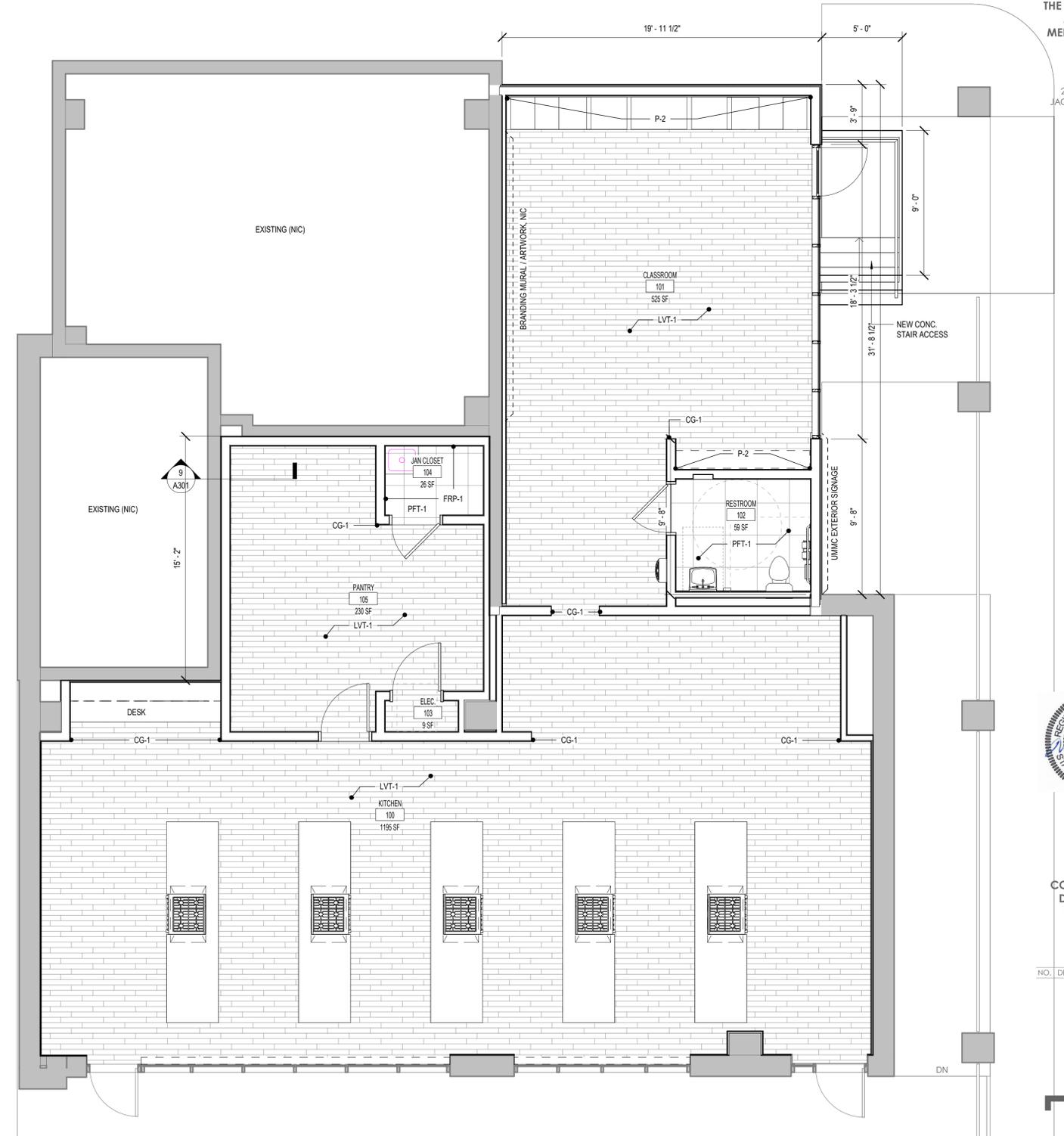
1 WALL SECTION @ ADDITION (AL SF)
 1 1/2" = 1'-0"

FINISH LEGEND

CATEGORY	FINISH CODE	TYPE	MANUF.	NAME	PATTERN	COLOR	SIZE	FINISH	INSTALLATION METHOD	NOTE	PRODUCT REP.
CEILING FINISH	ACT-1	ACOUSTIC CEILING TILE	ARMSTRONG	589 CIRRIUS BEVEL TEGULAR	--	WHITE	24" X 24"	--	9/16" GRID	--	--
CEILING FINISH	ACT-2	ACOUSTIC CEILING TIL	ARMSTRONG	607 CERAMAGUARD SQUARE EDGE	--	WHITE	24" X 24"	--	9/16" GRID	--	--
COUNTERTOP	SS-1	SOLID SURFACE	WILSONART	SOLID SURFACE	9196RS	YUKON RIVERSTONE	1.5"	--	--	ALL SOLID SURFACE EDGES TO BE SQUARE EDGES. ANY COUNTERTOPS WITH SEAMS WILL NEED SUPPORT AT THE SEAMS. USE A PLYWOOD SUBSTRATE AT ROLL UNDER COUNTERS LARGER THAN 6" - 0" TO ENSURE SEAMS ARE ADEQUATELY SUPPORTED.	--
FLOOR FINISH	LVT-1	LUXURY VINYL TILE	MOHAWK	LARGE AND LOCAL	RUGGED FOUNDATION C0191	980 CHARCOAL DUST	6" X 48", 4.5 MM THICK	--	BRICK ASHLAR		DAVID ADAMS; david_adams@mohawkind.com
FLOOR FINISH	PFT-1	PORCELAIN FLOOR TILE	AMERICAN OLEAN	NEOCONCRETE	--	LIGHT GRAY NE12	24" X 24"	MATTE	GRID		DAINE COVEY; dcovey@bplteam.com
MILLWORK	PLAM-1	PLASTIC LAMINATE	FORMICA	HIGH PRESSURE LAMINATE	7223-C-90	NEW WHITE	--	GLOSSY TEXTURE	--		CYNDI SULLIVAN csullivan@hooddistribution.com
WALL BASE	PWB-1	PORCELAIN WALL BASE	AMERICAN OLEAN	NEOCONCRETE	BULLNOSE P43F9	LIGHT GRAY NE12	6H, 3" X 24"	MATTE		ALIGN WITH FLOOR TILE INSTALLATION	DAINE COVEY; dcovey@bplteam.com
WALL BASE	RB-1	RUBBER WALL BASE	JOHNSONITE	6" TRADITIONAL	--	63 BURNT UMBER	6H	--	--		HEATHER SMITH; Heather.Smith@tarkett.com
WALL FINISH	CG-1	CORNER GUARD	C/S ACROVYN	PROFILE: SM-20N	--	949 WHITE	TBD	--	--	CORNER GUARD TO RUN FROM TOP OF DOOR FRAME TO TOP OF FLOOR BASE.	--
WALL FINISH	FRP-1	FIBER REINFORCED PANELING	C/S ACROVYN	STANDARD FRP	--	949 WHITE	.060" THICK, 4' - 0" X 8' - 0"	SUEDE TEXTURE	TO RUN HORIZONTALLY	MOUNT ABOVE WALL BASE AT FULL HEIGHT. ALL EXPOSED EDGES AND JOINTS OF ACROVYN WALL COVERING MUST BE FINISHED WITH APPROPRIATE TRIM PIECE.	--
WALL FINISH	P-1	WALL PAINT - MAIN WALL COLOR	SHERWIN WILLIAMS	N538 ULTRA SPEC 500	--	7004 SNOWBOUND	--	EGGSHELL	--		--
WALL FINISH	P-2	WALL PAINT - ACCENT WALL COLOR	SHERWIN WILLIAMS	N538 ULTRA SPEC 500	--	EVENING DOVE 2128-30	--	EGGSHELL	--		--
WALL FINISH	P-3	WALL PAINT - DOOR AND TRIM COLOR	SHERWIN WILLIAMS	GLOSS	--	7069 IRON ORE	--	GLOSS	--		--
WALL FINISH	P-4	WALL PAINT - RESTROOM WALLS	SHERWIN WILLIAMS	N538 ULTRA SPEC 500	--	ICE FORMATIONS 793	--	EGGSHELL	--		--
WALL FINISH	PWT-1	PORCELAIN WALL TILE	AMERICAN OLEAN	NEOCONCRETE	--	WHITE	24" X 24"	EGGSHELL	STACK		DAINE COVEY; dcovey@bplteam.com

FINISH SCHEDULE

ROOM #	ROOM NAME	FLOOR FIN.	BASE	WALL FIN.	CEILING FIN.	COMMENTS
100	KITCHEN	LVT-1	RB-1	P-1	ACT-1	
101	CLASSROOM	LVT-1	RB-1	P-1 / P-2	ACT-1	SEE FINISH PLAN FOR ACCENT PAINT LOCATIONS
102	RESTROOM	PFT-1	PWB-1	P-4	ACT-2	
103	ELEC.	LVT-1	RB-1	P-1	ACT-1	
104	JAN CLOSET	PFT-1	PWB-1	P-1 / FRP-1	ACT-1	SEE FINISH PLAN FOR FRP LOCATION
105	PANTRY	LVT-1	RB-1	P-1	ACT-2	



1 FIRST FLOOR FINISH PLAN
1/4" = 1'-0"

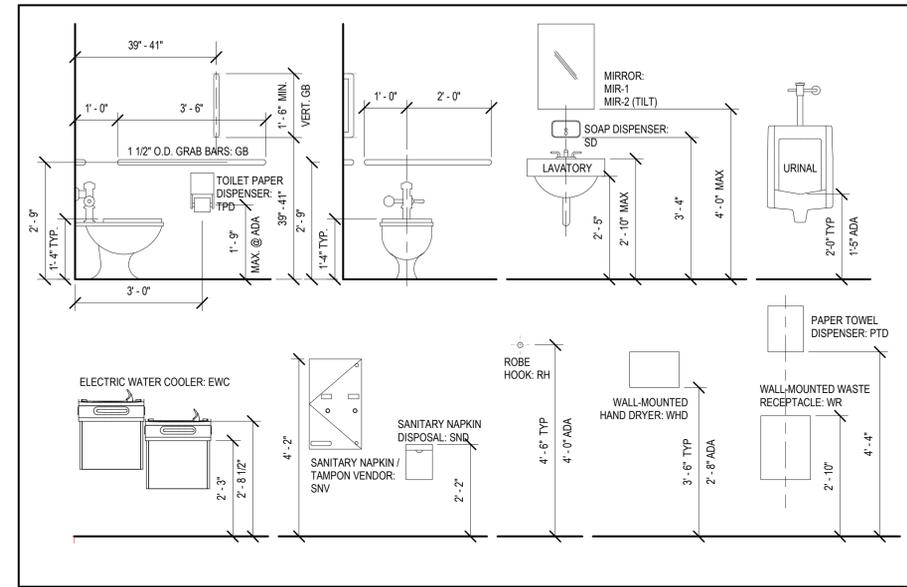


9/12/2024

CONSTRUCTION
DOCUMENTS
WBA # 21-059

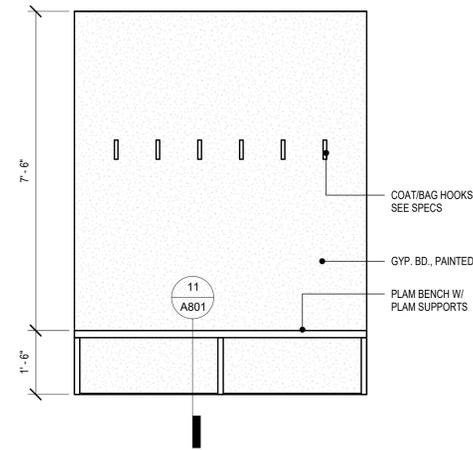
REVISIONS
NO. DESCRIPTION DATE

A600
FINISH PLANS /
SCHEDULE

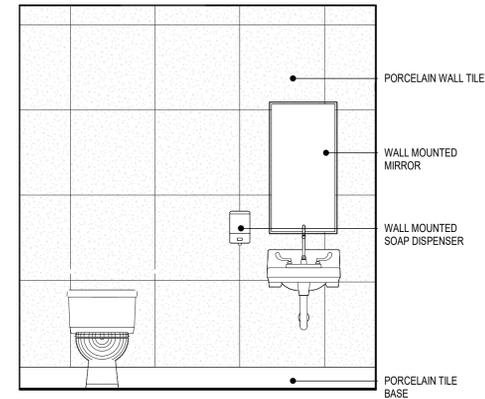


- RESTROOM ACCESSORIES**
1. WALL MOUNTED GRAB BAR
 2. TOILET PAPER DISPENSER
 3. SANITARY PAPER DISPENSER
 4. WALL MOUNTED MIRROR
 5. WALL MOUNTED SOAP DISPENSER
 6. PAPER TOWEL DISPENSER AND WASTE RECEPTACLE

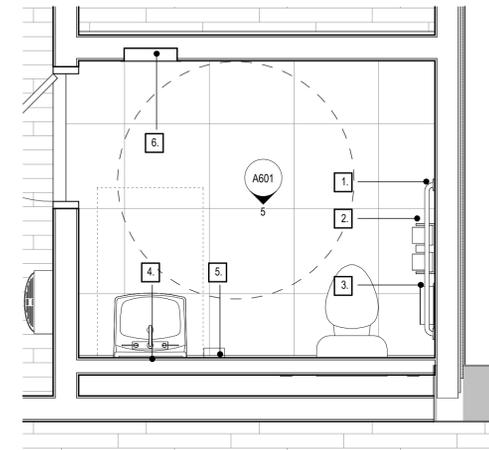
8 TYPICAL TOILET ACCESSORIES MOUNTING HEIGHTS
1/2" = 1'-0"



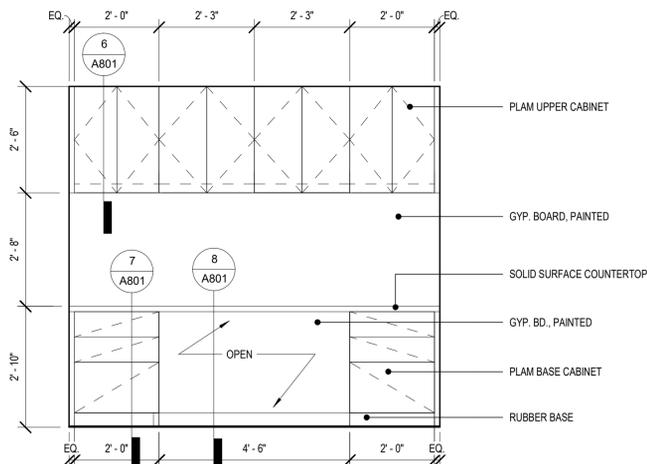
6 ELEVATION - ADD ALT. 02 DROP OFF MILLWORK
1/2" = 1'-0"



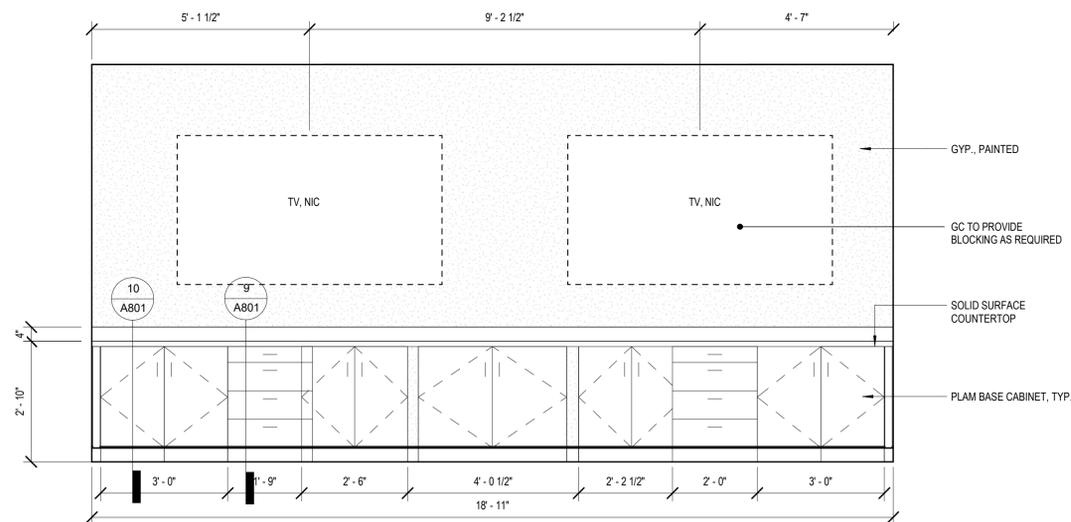
5 ELEVATION - RESTROOM
1/2" = 1'-0"



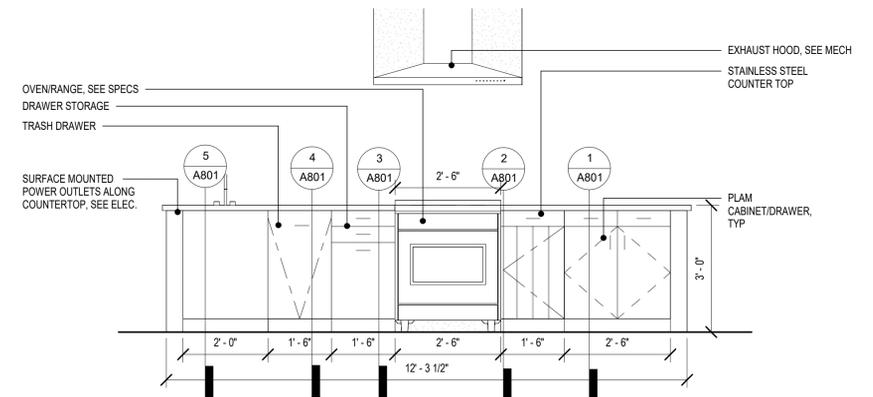
4 ENLARGED PLAN - RESTROOM
1/2" = 1'-0"



3 DESK ELEVATION
1/2" = 1'-0"



2 ELEVATION - ADD ALT. 01 CLASSROOM MILLWORK
1/2" = 1'-0"



1 TYP. ISLAND ELEVATION
1/2" = 1'-0"



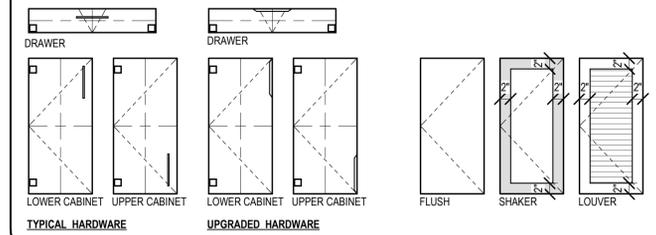
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CONSTRUCTION
DOCUMENTS
WBA # 21-059

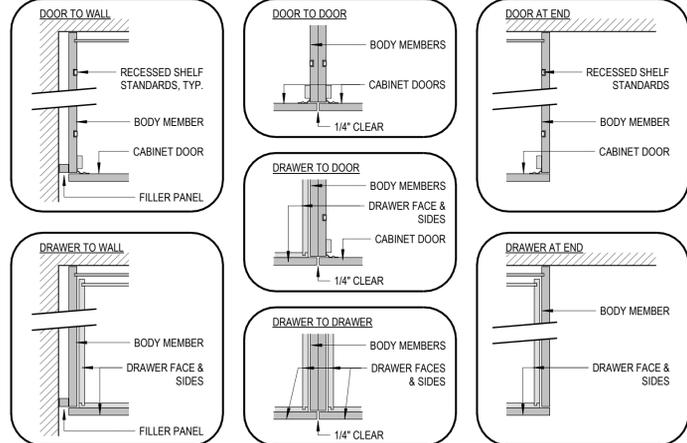
REVISIONS

NO.	DESCRIPTION	DATE

ARCHITECTURAL WOOD CASEWORK DOOR & HARDWARE TYPES

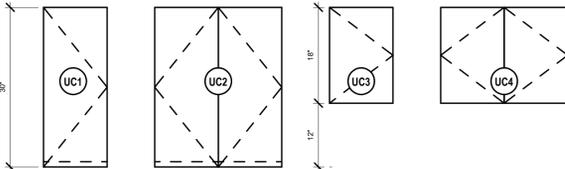


PLAN DETAILS

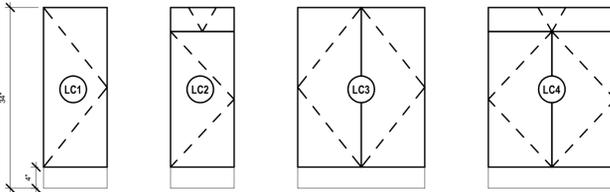


ARCHITECTURAL WOOD CASEWORK TYPES

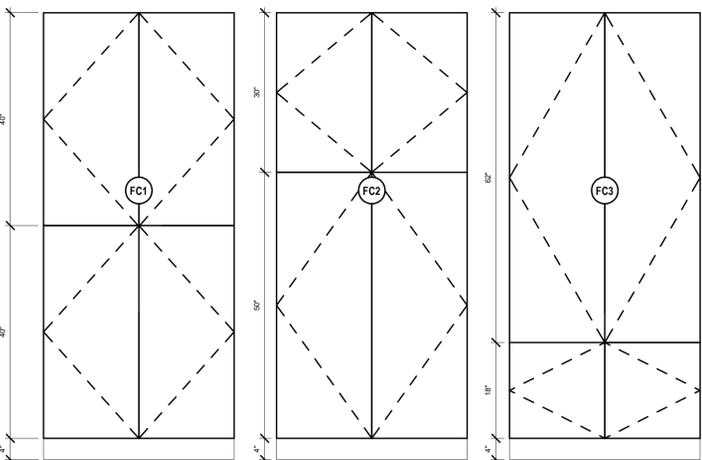
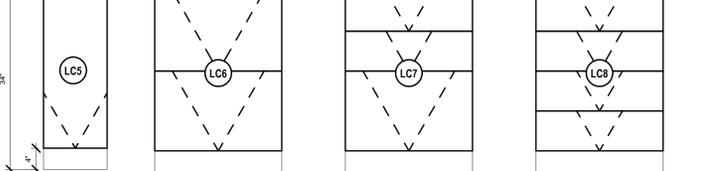
UC : UPPER CASEWORK



LC : LOWER CASEWORK



FC : FULL HEIGHT CASEWORK

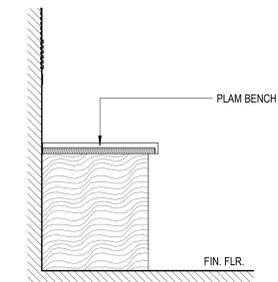


ARCHITECTURAL WOOD CASEWORK GENERAL NOTES:

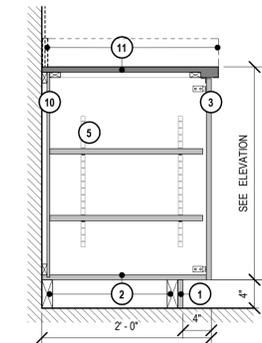
- A. FABRICATE, ASSEMBLE, FINISH, AND APPLY HARDWARE TO MAXIMUM EXTENT POSSIBLE BEFORE SHIPMENT TO PROJECT SITE. DISASSEMBLE COMPONENTS ONLY AS NECESSARY FOR INSTALLATION AT SITE. PROVIDE AMPLE ALLOWANCE FOR SCRIBING, TRIMMING, & FITTING.
- B. PROVIDE WALL BLOCKING AND BRACKETS AS REQUIRED TO ANCHOR MILLWORK.
- C. COORDINATE UTILITY ROUGH-INS REQUIRED AT CASEWORK UNITS, INCLUDING BUT NOT LIMITED TO POWER, DATA, PHONE, CATV, DOMESTIC WATER, DRAIN LINES, ETC.
- D. SUBMIT MATERIAL SAMPLES AND FIELD VERIFY ALL ADJACENT CONDITIONS PRIOR TO CASEWORK FABRICATION.
- E. WHERE LOCKABLE CASEWORK IS SPECIFIED, KEY ALL LOCKS ON DRAWERS, CABINETS, ETC. ALIKE. COORDINATE WITH HARDWARE VENDOR.
- F. COORDINATE WITH SPECIFICATION SECTION 06.4100 ARCHITECTURAL WOOD CASEWORK IN THE PROJECT MANUAL.
- G. COORDINATE WITH SHEET A600 FOR ALL FINISH MATERIAL DESIGNATIONS.

ARCHITECTURAL WOOD CASEWORK SECTION DETAIL NOTES:

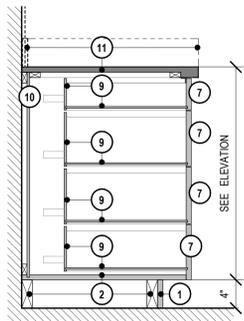
1. TOEKICK AS SPECIFIED.
2. CABINET BASE WITH 2x FLOOR SUPPORTS
3. CABINET FACE: SEE HARDWARE DETAILS THIS SHEET.
4. RECESSED METAL SHELF STANDARDS: PROVIDE **ONE (1)** ADJUSTABLE SHELVES PER CABINET.
5. RECESSED METAL SHELF STANDARDS: PROVIDE **TWO (2)** ADJUSTABLE SHELVES PER CABINET.
6. RECESSED METAL SHELF STANDARDS: PROVIDE **THREE (3)** ADJUSTABLE SHELVES PER CABINET.
7. DRAWER FACE: SEE HARDWARE DETAILS THIS SHEET.
8. DRAWER FACE: SEE HARDWARE DETAILS THIS SHEET. **NOTE: PROVIDE FIXED PANEL WHERE SINK IS SPECIFIED.**
9. DRAWER BODY w/SIDE MOUNTED DRAWER SLIDES.
10. CABINET BACK PANEL
11. COUNTERTOP AS SPECIFIED: SEE EDGE DETAILS THIS SHEET. PROVIDE 1/4\"/>
- 12. DRAWER FACE: FULL CABINET HEIGHT, COORDINATE TRASH BIN INSERT.
- 13. UNDER CABINET LIGHT FIXTURE WHERE SPECIFIED.
- 14. ADA REQUIRED CLEAR KNEE SPACE (IN BLUE).
- 15. CONTINUOUS FIXED FACE PANEL
- 16. REMOVABLE APRON PANEL WHERE LAVATORIES ARE SPECIFIED: MOUNT TO 2x WOOD FRAMING w/Z-CLIP ANCHORS; COORDINATE FRAMING WITH SINK LOCATIONS WHERE SPECIFIED.
- 17. REMOVABLE APRON PANEL WHERE LAVATORIES ARE SPECIFIED: MOUNT TO HEAVY DUTY ALUMINUM BRACKET - BASIS OF DESIGN: RAKKS EHV; ADA COMPLIANT VANITY SUPPORT BRACKET.
- 18. CONCEALED BRACKET - BASIS OF DESIGN: RAKKS INSIDE WALL MOUNT EH COUNTER SUPPORT BRACKET.
- 19. SURFACE MOUNT BRACKET - BASIS OF DESIGN: RAKKS SURFACE MOUNT EH COUNTER SUPPORT BRACKET w/ROUNDED ENDS.
- 20. FIXED SHELF
- 21. HANGING ROD
- 22. SINK - SEE PLUMBING



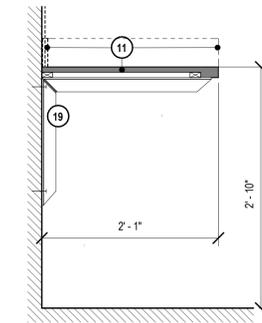
11 DETAIL - PLAM BENCH
1" = 1'-0"



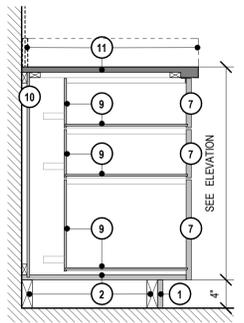
10 DETAIL - CABINET
1" = 1'-0"



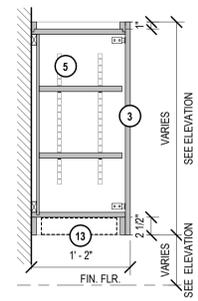
9 DETAIL - PLAM DRAWER
1" = 1'-0"



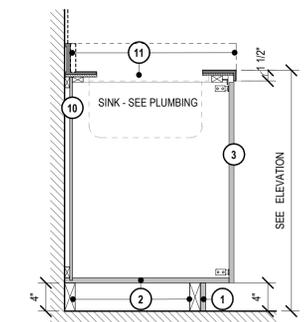
8 CSWK_COUNTER + SUFACE BRACKET
1" = 1'-0"



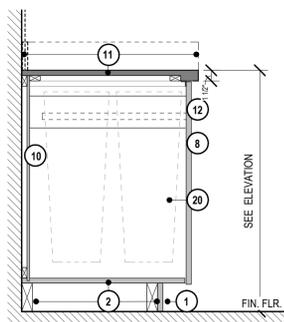
7 DETAIL - DESK DRAWERS
1" = 1'-0"



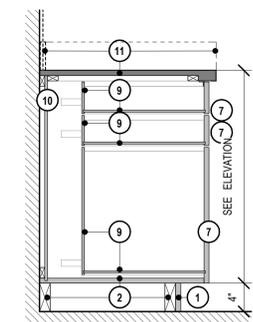
6 DETAIL - DESK UPPER CABINETS
1" = 1'-0"



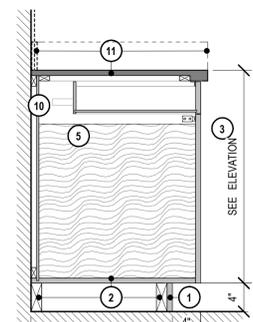
5 DETAIL - SINK
1" = 1'-0"



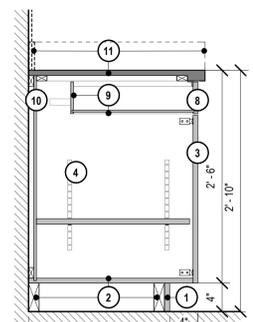
4 DETAIL - TRASH
1" = 1'-0"



3 DETAIL - DRAWERS
1" = 1'-0"



2 DETAIL - BOARD STORAGE
1" = 1'-0"



1 CABINET/DRAWER STORAGE
1" = 1'-0"

STRUCTURAL GENERAL NOTES

GENERAL NOTES:

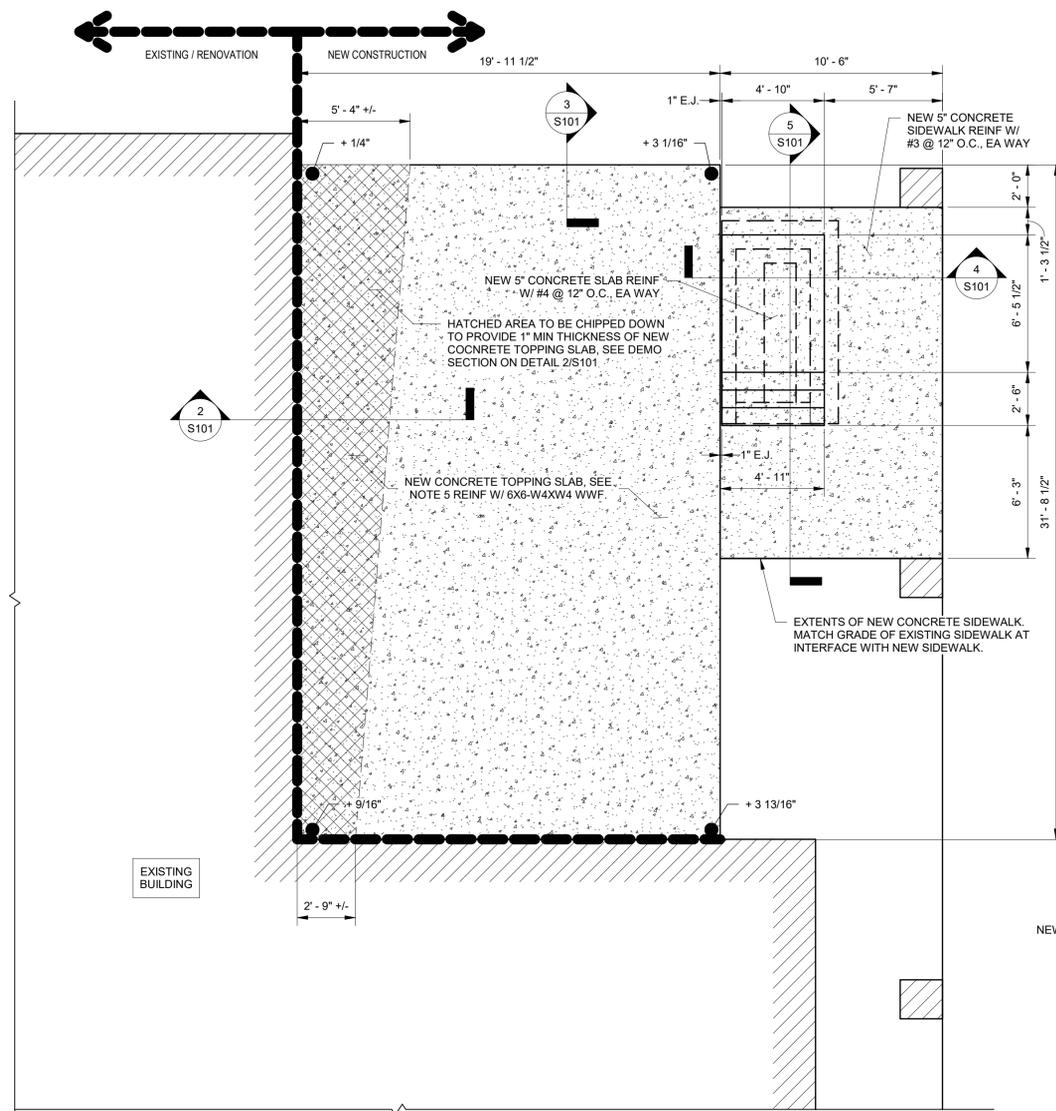
- CONTRACT DOCUMENTS
 - THESE NOTES ARE NOT INTENDED TO REPLACE THE PROJECT SPECIFICATIONS.
 - THE STRUCTURAL DRAWINGS ARE PART OF THE CONTRACT DOCUMENTS AND DO NOT BY THEMSELVES PROVIDE ALL THE INFORMATION REQUIRED TO PROPERLY COMPLETE THE PROJECT STRUCTURE. THE GENERAL CONTRACTOR SHALL CONSULT THE ARCHITECTURAL, CIVIL, MECHANICAL AND ELECTRICAL DRAWINGS AND COORDINATE THE INFORMATION CONTAINED IN THESE DRAWINGS WITH THE STRUCTURAL DRAWINGS TO PROPERLY CONSTRUCT THE PROJECT.
 - REFER TO ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL OPENINGS, DEPRESSIONS, FINISHES, INSERT BOLTS SETTINGS, DRAINS, REGLETS, ETC. NOT SHOWN ON THE STRUCTURAL DRAWINGS.
 - BEFORE ORDERING ANY MATERIALS OR PERFORMING ANY WORK, THE CONTRACTOR SHALL VERIFY ALL MEASUREMENTS TO PROPERLY SIZE OR FIT THE WORK. NO EXTRA CHARGE OR COMPENSATION WILL BE ALLOWED BY THE OWNER RESULTING FROM THE CONTRACTOR'S FAILURE TO COMPLY WITH THIS REQUIREMENT.
 - DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER BEFORE PROCEEDING WITH AFFECTED WORK.
 - THE ENGINEER HAS PREPARED AND FURNISHED THESE CONTRACT DOCUMENTS TO THE OWNER FOR USE ON THIS PROJECT ONLY. THESE PROJECT DOCUMENTS SHALL NOT BE USED ON EXTENSIONS OF THIS PROJECT OR ANY OTHER PROJECT. ANY REUSE OF THESE DRAWINGS, WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY THE ENGINEER, SHALL BE AT THE USER'S SOLE RISK AND THE USER SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING ATTORNEYS FEES ARISING OUT OF OR RESULTING THEREFROM.
- SECTIONS AND DETAILS - ALL DETAILS, SECTIONS AND NOTES SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL APPLY TO SIMILAR SITUATIONS ELSEWHERE UNLESS OTHERWISE SHOWN.
- COORDINATION
 - THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS SHOWN WITH ARCHITECTURAL DRAWINGS BEFORE BEGINNING WORK. ANY DISCREPANCY SHALL BE IMMEDIATELY REPORTED TO THE ARCHITECT AND WORK SHALL NOT BEGIN UNTIL DISCREPANCY IS RESOLVED.
 - THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR ANY DIMENSIONS NOT SHOWN ON STRUCTURAL DRAWINGS.
 - IT IS EXPECTED THAT THE GENERAL CONTRACTOR IS EXPERIENCED IN THE TYPE OF CONSTRUCTION REQUIRED AND THEREFORE, IT IS EXPECTED THAT THE GENERAL CONTRACTOR WILL COORDINATE THESE DRAWINGS WITH APPLICABLE ARCHITECTURAL, CIVIL, AND ME/P DRAWINGS. THE CONSTRUCTION DOCUMENTS CONSIST OF THE ENTIRE SET OF DRAWINGS AND SPECIFICATIONS FROM ALL DISCIPLINES. THE ABOVE REFERENCED COORDINATION SHALL BE PERFORMED PRIOR TO ORDERING, FABRICATION, AND CONSTRUCTION OF ANY ELEMENT. NOTIFY THE ARCHITECT OF ANY CONFLICT OR OMISSION. WORK SHALL NOT BEGIN UNTIL DISCREPANCY IS RESOLVED.

EXISTING CONDITIONS:

- ALL DIMENSIONS, ELEVATIONS AND EXISTING CONDITIONS SHALL BE FIELD VERIFIED BY CONTRACTOR PRIOR TO FABRICATION OF STEEL OR COMMENCEMENT OF CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION, SHORING, UNDERPINNING, BRACING, ISOLATION, ETC. OF ALL EXISTING CONDITIONS AS REQUIRED TO PREVENT ANY DISTURBANCE TO EXISTING CONDITIONS AS A RESULT OF THIS WORK.

CONCRETE:

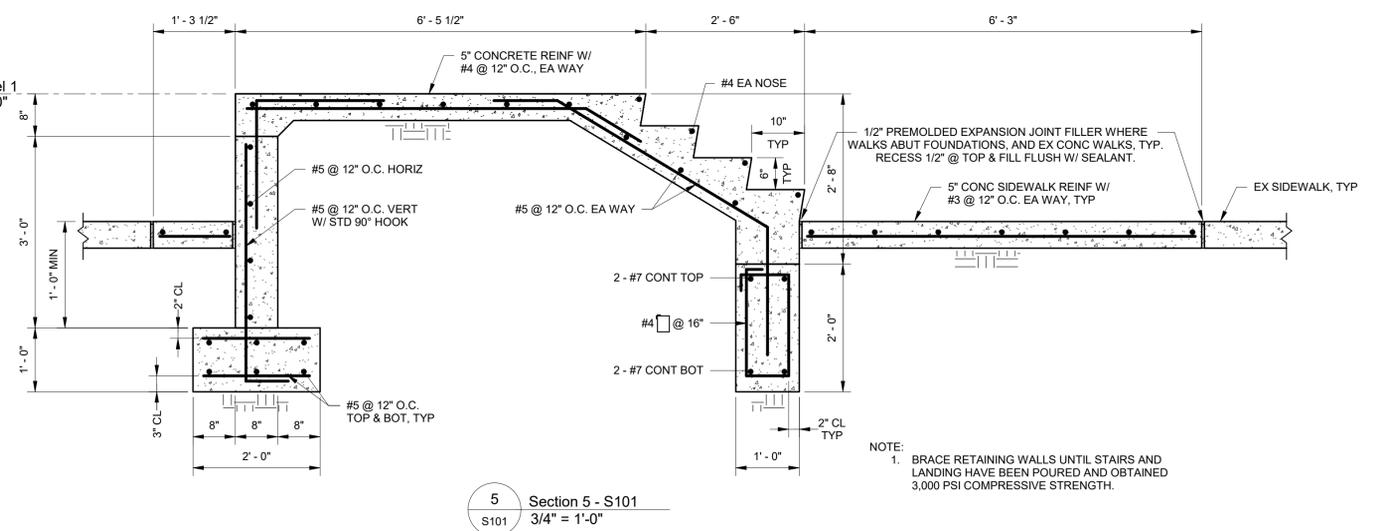
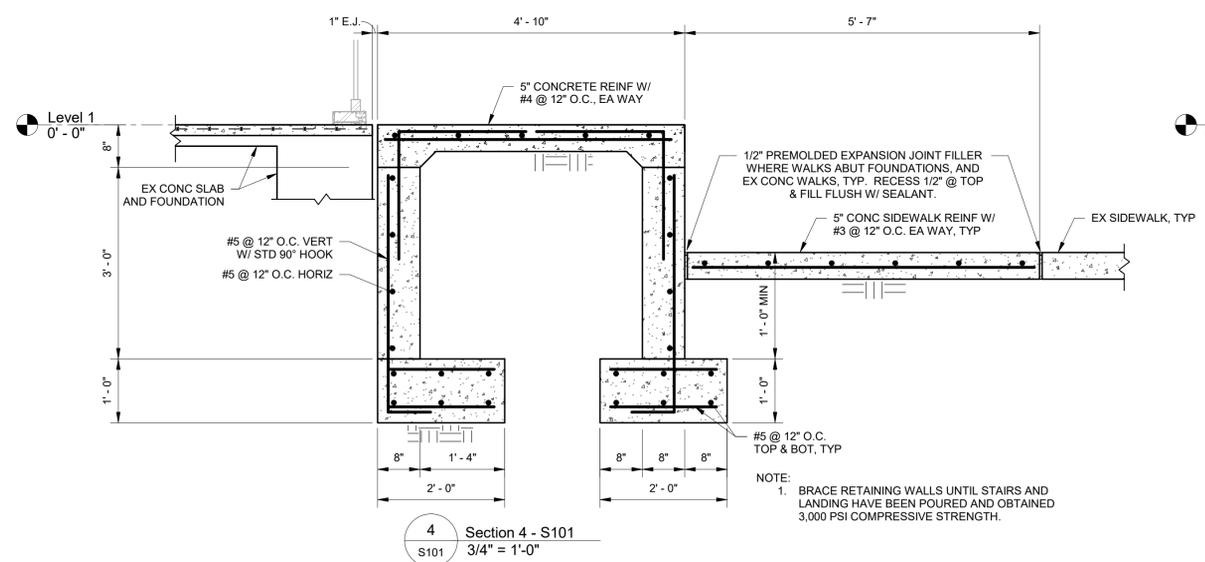
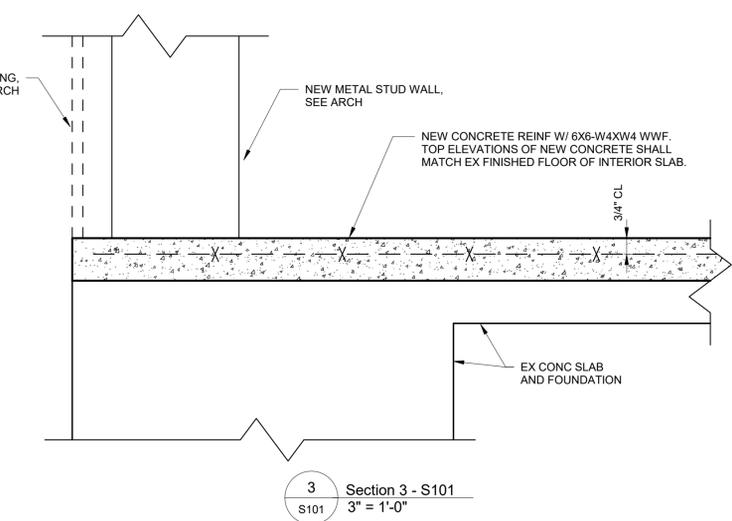
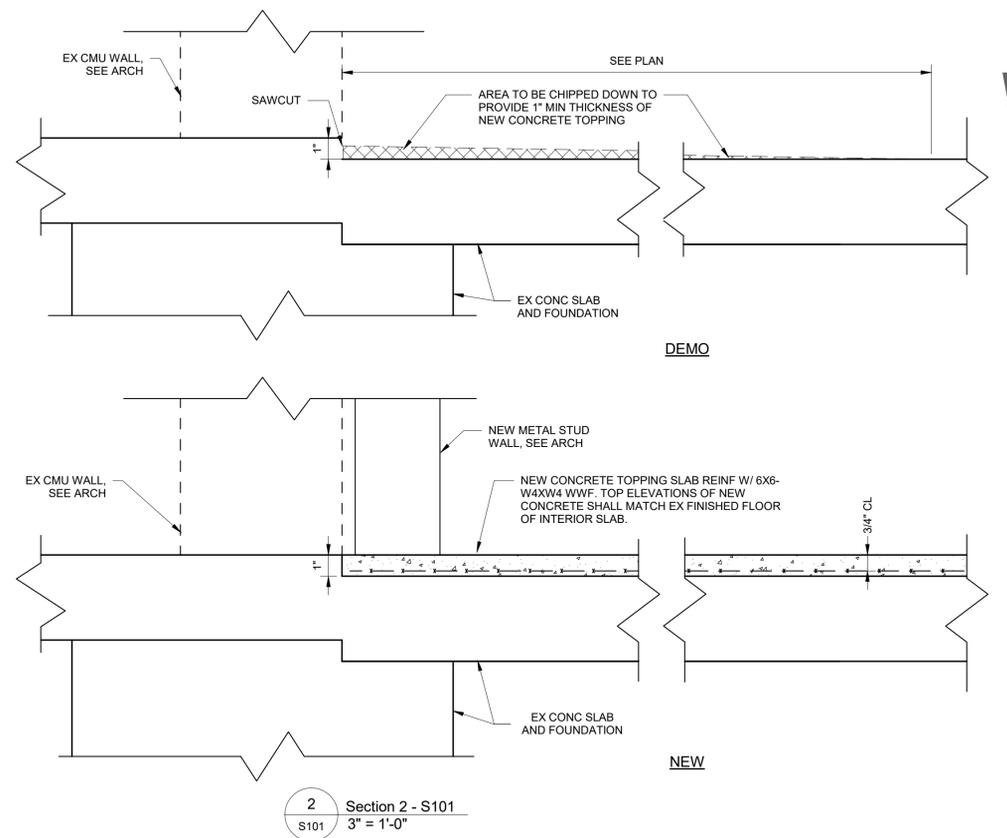
- ALL CONCRETE WORK SHALL CONFORM TO THE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI318-14) AND AS MODIFIED BY IBC '18.
- ALL CONCRETE SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI IN 28 DAYS.
- PROVIDE ALL NECESSARY REINFORCING STEEL ACCESSORIES TO HOLD BARS IN PROPER POSITION.
- ALL REINFORCEMENT SHALL HAVE A MINIMUM YIELD STRESS OF 60 KSI.
- WHERE NOT SPECIFICALLY COVERED, REINFORCING SHALL BE DETAILED IN ACCORDANCE WITH ACI STANDARD 315.
- PROVIDE CORNER BARS OF THE SAME SIZE AND NUMBER AS HORIZONTAL BARS AT ALL CORNERS AND T-INTERSECTIONS.
- UNLESS NOTED OTHERWISE, LAP ALL BARS AT CORNERS, SPLICES, AND INTERSECTIONS IN ACCORDANCE WITH CURRENT ACI 318 AND CRSI REQUIREMENTS. ALL HOOKS SHOWN IN REINFORCEMENT SHALL BE CRSI RECOMMENDED HOOKS UNLESS NOTED OTHERWISE.
- FIELD WELDING OF REINFORCEMENT IS PROHIBITED, UNLESS SPECIFICALLY DETAILED ON DRAWINGS.
- SUBMIT REINFORCING SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION.
- ENSURE SURFACE IS CLEAN AND FREE OF LAITANCE PRIOR TO PLACE NEW CONCRETE TOPPING SLAB.



1 FOUNDATION PLAN
1/4" = 1'-0"

PLAN NOTES

- GC VERIFY DOOR OPENING/THRESHOLDS WITH ARCH.
- NO FLOOR OPENINGS GREATER THAN SIX (6) INCHES IN DIAMETER SHALL BE FIELD-INSTALLED WITHOUT PRIOR APPROVAL BY THE ENGINEER.
- GC SHALL COORDINATE WITH ARCH DOCUMENTS.
- NEW CONCRETE TOPPING SLAB SHALL BE REINF W/ 6x6 - W4XW4 WWF.
- T.O. CONCRETE TOPPING SLAB SHALL MATCH HEIGHT OF EXISTING INTERIOR FLOOR SLAB.
- ELEVATIONS SHOWN AT CORNERS OF NEW SLAB INDICATE APPROXIMATE CHANGES IN ELEVATION FROM EX SLAB ELEVATIONS. THEY DO NOT ACCOUNT FOR CONCRETE TO BE CHIPPED DOWN TO ACHIEVE MIN 1" THICKNESS OF NEW CONCRETE.



UMMC
TEACHING
KITCHEN
THE UNIVERSITY OF
MISSISSIPPI
MEDICAL CENTER

2500 N STATE ST
JACKSON, MS 39216



9/6/2024

CONSTRUCTION
DOCUMENTS
WBA # 21-059

NO.	DESCRIPTION	DATE

S101
FOUNDATION PLAN

GENERAL NOTES- DEMOLITION

- A. IT IS THE INTENT OF THESE DEMOLITION DRAWINGS TO AID THE CONTRACTOR IN BIDDING THE PROJECT BY PROVIDING INFORMATION ABOUT HVAC EQUIPMENT, PIPING, AND ASSOCIATED MATERIALS AND THEIR REMOVAL. HOWEVER, CONTRACTOR SHALL VISIT SITE AND OBSERVE ALL EXISTING CONDITIONS RELATED TO THE WORK AND MAKE NECESSARY ADJUSTMENTS, TO FACILITATE DEMOLITION OF EXISTING AND INSTALLATION OF NEW SYSTEMS.
- B. MECHANICAL CONSTRUCTION SHALL INCLUDE ALL WORK REQUIRED FOR THE REMOVAL OF EXISTING MECHANICAL EQUIPMENT, PIPING, DUCTWORK, ETC. WHERE INDICATED OR REQUIRED TO FACILITATE NEW CONSTRUCTION. THE CONTRACTOR SHALL REMOVE FROM THE SITE ANY DUCTWORK, EQUIPMENT, VALVES, PIPING, MOTORS, CONTROLS, ETC. NOT REUSED. OWNER SHALL HAVE FIRST RIGHTS TO SALVAGED ITEMS.
- C. AIR DISTRIBUTION AND PIPING SYSTEMS, INCLUDING SIZES AND ROUTING, SHOWN DRAWINGS WERE TAKEN FROM EXISTING RECORD DRAWINGS. THE CONTRACTOR IS TO FIELD VERIFY AS BUILT CONDITIONS.
- D. WHERE NEW PIPING SYSTEMS ARE SHOWN TO REPLACE EXISTING PIPING SYSTEMS, THE EXISTING PIPING SHALL BE REMOVED TO PERMIT THE INSTALLATION OF THE NEW SYSTEMS. NEW PIPING SYSTEMS SHALL BE COMPLETE IN ALL RESPECTS BETWEEN THE CONNECTION TO EXISTING AND NEW EQUIPMENT. ALL EXISTING PIPING, VALVES, HANGERS, ETC THAT IS TO BE DEMOLISHED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE PREMISES.
- E. IN ACCORDANCE WITH CURRENT EPA REGULATIONS AND THE CLEAN AIR ACT. REFRIGERANT SHALL NOT BE VENTED INTO THE ATMOSPHERE DURING THE MAINTENANCE, SERVICING, INSTALLATION, OR DISPOSAL OF REFRIGERATION AND AIR CONDITIONING EQUIPMENT. EXISTING REFRIGERANT IN UNITS TO BE RELOCATED, MODIFIED, SERVICED, OR REMOVED SHALL BE COLLECTED AND RECLAIMED BY A LICENSED PERSONNEL PER GUIDELINES AND STANDARDS SET FORTH BY EPA.
- F. SEE ELECTRICAL DRAWINGS FOR ELECTRICAL DEMOLITION INFORMATION.
- G. WHERE EQUIPMENT, PIPING, SUPPORTS, ETC. ARE REMOVED, ALL OPENINGS AND HOLES IN WALLS, CEILINGS, AND FLOORS SHALL BE PATCHED AND FINISHED, UNDER DIRECTION OF PROJECT ARCHITECT/ENGINEER.
- H. NO EXISTING STRUCTURAL MEMBERS ARE TO BE CUT OR PENETRATED WITHOUT SPECIFIC AUTHORIZATION BY ARCHITECT/ENGINEER. WHERE POSSIBLE, ROOF AND EXTERIOR WALL PENETRATIONS ARE TO BE MADE THROUGH EXISTING OPENINGS LEFT BY DEMOLISHED PIPING. ALL REMAINING OPENINGS AND HOLES IN WALLS, CEILING, AND FLOORS SHALL BE PATCHED AND FINISHED UNDER DIRECTION OF PROJECT ARCHITECT/ENGINEER.
- I. MAINTAIN THE EXISTING WALL CONSTRUCTION INCLUDING FIRE RATINGS WHERE WORK IS PERFORMED.
- J. WHERE EXISTING OPENINGS MUST BE ENLARGED, REMOVE ADDITIONAL WALL CONSTRUCTION AS REQUIRED. CLOSE OFF WALL CAVITY WITH METAL STUD FRAMING TO MATCH WALL DEPTH.

GENERAL NOTES- NEW CONSTRUCTION

- A. ALL DUCTWORK AND PIPING ASSOCIATED WITH MECHANICAL (HVAC) SYSTEMS SHALL BE INSTALLED AND SECURED PER APPLICABLE BUILDING CODES ABOVE CEILINGS OR IN FURRED CHASES. PROVIDE ACCESS PANELS FOR ALL MECHANICAL EQUIPMENT INSTALLED ABOVE HARD CEILINGS OR IN FURRED CHASES REQUIRING ACCESS, SUCH AS FIRE DAMPERS, VOLUME DAMPERS, PIPING, VALVES, ETC.
- B. MECHANICAL CONTRACTOR SHALL COORDINATE AIR DISTRIBUTION DEVICE LAYOUT WITH REFLECTED CEILING PLANS. LIGHT FIXTURE LOCATIONS SHOWN TAKE PRIORITY OVER AIR DISTRIBUTION DEVICE LOCATIONS.
- C. MECHANICAL CONTRACTOR SHALL INSTALL VOLUME DAMPERS IN ALL BRANCH DUCTS TO SUPPLY, RETURN, OR EXHAUST GRILLES. VOLUME DAMPERS SHALL BE LOCATED FOR ACCESS FROM LAT CEILING OR ACCESS PANELS.
- D. FLEXIBLE DUCT RUNOUTS TO SUPPLY DIFFUSERS SHALL NOT EXCEED 5'-0" IN LENGTH, AND SHALL BE INSTALLED ONLY ON SUPPLY AIR. NO FLEX WILL BE ALLOWED ON RETURN OR EXHAUST SYSTEMS. FOR ALL DUCT SYSTEMS, TAPS OFF MAIN TRUNK DUCTS SHALL BE CUT INTO THE SIDES OR BOTTOM OF DUCT ONLY.
- E. PROVIDE AND INSTALL FIRE DAMPERS IN ALL DUCTWORK THAT PENETRATE FIRE RATED WALLS OR FLOORS. REFER TO ALL APPLICABLE BUILDING CODES AND SPECIFICATIONS PERTAINING TO THIS PROJECT.
- F. FIRE STOP ALL PIPES AND DUCTS THAT PENETRATE RATED WALLS, FLOORS, AND CEILINGS. REFER TO BUILDING CODES AND SPECIFICATIONS FOR APPROVED FIRE PROOFING MATERIALS AND METHODS.
- G. PROVIDE ACCESS PANELS FOR ALL FIRE AND SMOKE DAMPERS.
- H. REFER TO MECHANICAL DETAILS FOR TYPICAL INSTALLATION OF HVAC EQUIPMENT.
- I. REMOVAL OF CROSS BRACING TO FACILITATE DUCT ROUTING, MUST BE APPROVED BY THE PROJECT ARCHITECT/ENGINEER.
- J. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
- K. THE CONTRACTOR SHALL COORDINATE WITH LOCAL UTILITY COMPANIES FOR SERVICES AND PAY ALL COSTS, FEES, DEPOSITS, AND ETC.
- L. ESCUTCHEONS ARE TO BE FURNISHED AND INSTALLED FOR ALL EXPOSED PIPE PENETRATIONS OF WALLS AND PARTITIONS AND FOR PIPE PENETRATIONS (EXPOSED AND CONCEALED) OF MILLWORK AND CASEWORK.
- M. ALL THRU-PENETRATIONS OF WALLS AND PARTITIONS BY PIPING ARE TO BE SLEEVED (SEE SPECIFICATIONS).
- N. ALL PENETRATIONS OF RATED WALLS, FLOORS, AND ASSEMBLIES ARE TO BE SLEEVED AND FIRESTOPPED. (SEE SPECIFICATIONS).
- O. PIPE INSULATION IS TO BE RUN CONTINUOUS (UNCUT) THRU WALL STUDS, PIPE HANGERS AND SUPPORTS, AND WALL AND FLOOR PENETRATIONS.
- P. MASTIC IS TO BE APPLIED TO ALL RAW EDGES OF PIPING INSULATION.
- Q. GRAVITY-FLOW PIPING 2-1/2" AND SMALLER IS TO BE RUN AT A MINIMUM SLOPE OF 1/4" PER FOOT. GRAVITY-FLOW PIPING 3" AND LARGER IS TO BE RUN AT A MINIMUM SLOPE OF 1/8" PER FOOT.
- R. WHERE CLEANOUT PLUGS ARE INSTALLED IN OR BEHIND RATED WALLS, ACCESS DOORS WITH SAME RATING AS WALLS ARE TO BE INSTALLED IN LIEU OF STANDARD CLEANOUT COVER PLATES.
- S. ANY INDIRECT DRAIN PIPED TO AN OPEN RECEPTOR (FLOOR DRAIN, ETC.) IS TO TURN DOWN OVER RE-CEPTOR, LEAVING AIR GAP BETWEEN END OF DRAIN AND FLOOD LEVEL RIM OF RECEPTOR. AIR GAP SHALL BE EQUAL TO TWICE THE EFFECTIVE OPENING OF THE INDIRECT DRAIN PIPE.
- T. ALL ABOVE-SLAB CONDENSATE DRAINS ARE TO BE INSULATED PER SPECIFICATIONS. ALL ABOVE-SLAB SANITARY BRANCH LINES AND TRAPS CONNECTED TO RECEPTORS THAT RECEIVE CONDENSATE ARE TO BE INSULATED AS FOR CONDENSATE DRAINS, PER SPECIFICATIONS.
- U. FOR BARE COPPER PIPING, COPPER HANGERS OR HANGERS WITH RUBBER/POLYCARBONATE ATTACHMENTS ARE REQUIRED IN ORDER TO PREVENT GALVANIC CORROSION. TAPE IS NOT AN ACCEPTABLE DIELECTRIC SEPARATION.
- V. WHERE BARE COPPER PIPING IS ROUTED THROUGH OR AGAINST STUDS, RUBBER OR POLYCARBONATE SPACERS ARE REQUIRED.

MECHANICAL ABBREVIATION LEGEND

AAV	AIR ADMITTANCE VALVE	FGCO	FINISHED GRADE CLEANOUT
A.F.F.	ABOVE FINISHED FLOOR	SW	SANITARY WASTE
A.F.G.	ABOVE FINISHED GRADE	SV	SANITARY VENT
CFH	CUBIC FEET PER HOUR	SD	STORM DRAIN
CO	CLEANOUT	VTR	SANITARY VENT THRU ROOF
CW	DOMESTIC COLD WATER	WCO	WALL CLEANOUT
FCO	FINISHED FLOOR CLEANOUT		

MECHANICAL AND PLUMBING LEGEND

CONDENSER WATER SUPPLY	— CS —	GATE VALVE	
CONDENSER WATER RETURN	— CR —	CHECK VALVE	
THERMOSTAT		BALANCING VALVE	
HUMIDISTAT		2-WAY CONTROL VALVE	
ENERGY MANAGEMENT SYSTEM	EMS	3-WAY CONTROL VALVE	
SPLITTER DAMPER		PRESSURE REDUCING VALVE	
VOLUME DAMPER		FLOW MEASURING DEVICE	
MOTORIZED DAMPER		MANUAL AIR VENT	
FIRE DAMPER		GAGE COCK	
BRANCH TAP FITTING		WYE STRAINER	
TURNING VANES		UNION	
GRILLE MARK / CFM QUANTITY	B 300	THERMOMETER	
SUPPLY DUCT SECTION		THERMOMETER WELL	
RETURN DUCT SECTION		GAUGE	
OUTSIDE VENT AIR DUCT SECTION		WATER HEATER	
DEMOLISH	-----	AIR FLOW MEASURING STATION	
BALL VALVE		GAS COCK	
SANITARY SOIL/WASTE	— —	CLEANOUT	
SANITARY VENT	-----	FIN. FLOOR CLEANOUT	
STORM DRAIN	—H—H—	FIN. GRADE CLEANOUT	
DOMESTIC COLD WATER	— -- —	NEW CONNECTION TO EXISTING PIPING AND/OR EQUIPMENT	
DOMESTIC HOT WATER	— - - - —		
NATURAL GAS	—G—	CONDENSATE DRAIN	—CD—
LP (PROPANE) GAS	—LPG—	PUMPED CONDENSATE DRAIN	—PCD—
EQUIPMENT DRAIN	—D—	STORM DRAIN	—SD—



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CONSTRUCTION
DOCUMENTS
WBA # 21-059

NO.	DESCRIPTION	DATE

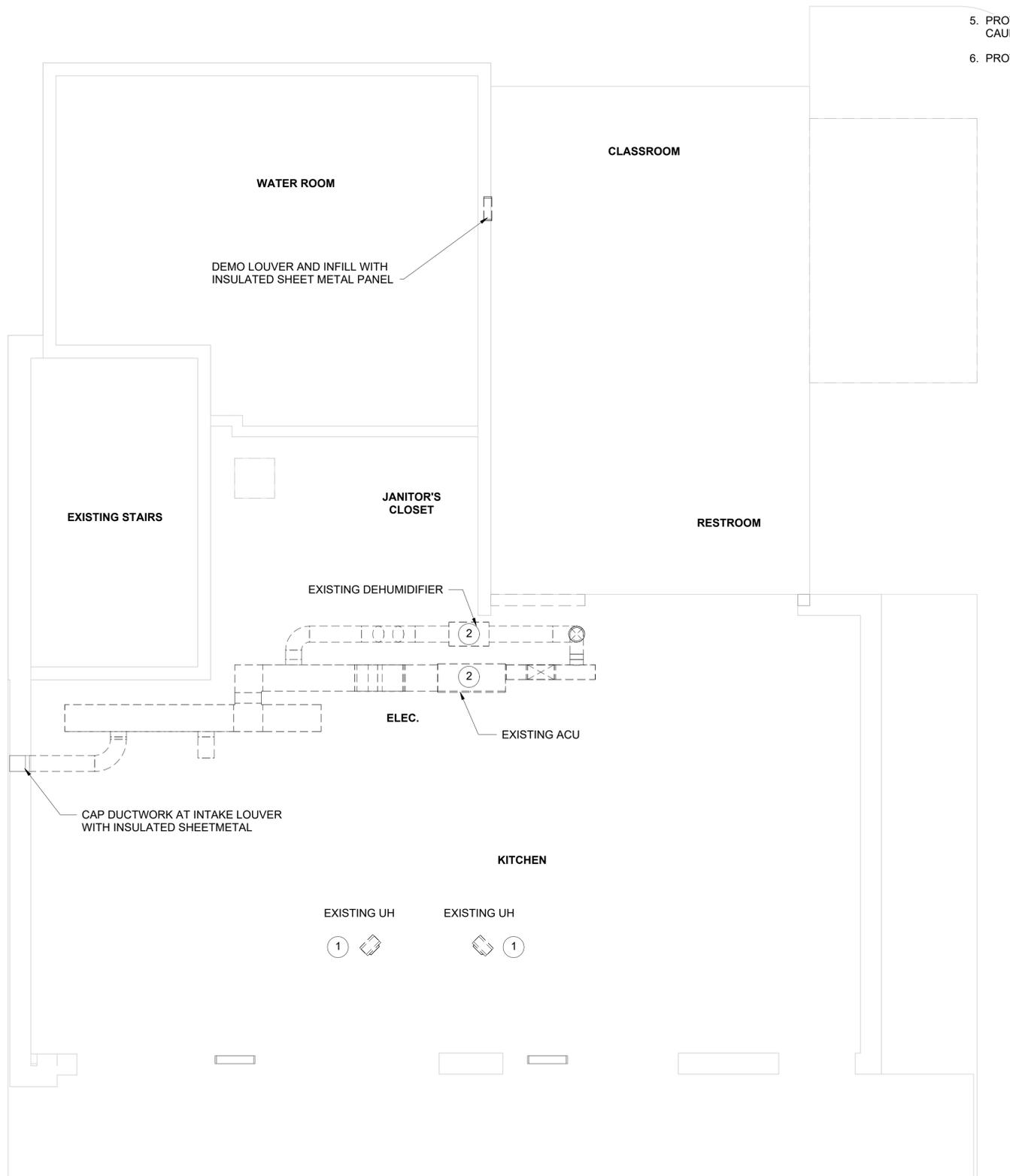
GENERAL NOTES:
 A. DEMO AND REMOVE ITEMS AND EQUIPMENT SHOWN AS DASHED.

B. TURN OFF DISCONNECT TO CONDENSING UNIT ON ROOFTOP ASSOCIATED WITH EXISTING ACU. TAG AS ABANDONED.

C. IN ACCORDANCE WITH CURRENT EPA REGULATIONS AND THE CLEAN AIR ACT, REFRIGERANT SHALL NOT BE VENTED INTO THE ATMOSPHERE DURING THE MAINTENANCE, SERVICE, INSTALLATION, OR DISPOSAL OF REFRIGERATION AND AIR CONDITIONING EQUIPMENT. EXISTING REFRIGERANT IN UNITS TO BE RELOCATED, MODIFIED, SERVICED, OR REMOVED SHALL BE COLLECTED AND RECLAIMED BY LICENSED PERSONNEL PER GUIDELINES AND STANDARDS SET FORTH BY THE EPA.

PLAN NOTES:

1. REMOVE UNIT HEATER AND ALL APPURTENANCES.
2. REMOVE ACU, DEHUMIDIFIER, ASSOCIATED DUCTWORK, AND ALL APPURTENANCES. CUT AND CAP RS/RL PIPING AT PENETRATION INTO ROOM. REMOVE CD TO MAIN SANITARY CONNECTION AND CAP.



1 FIRST FLOOR MECHANICAL PLAN - DEMO
 1/4" = 1'-0"

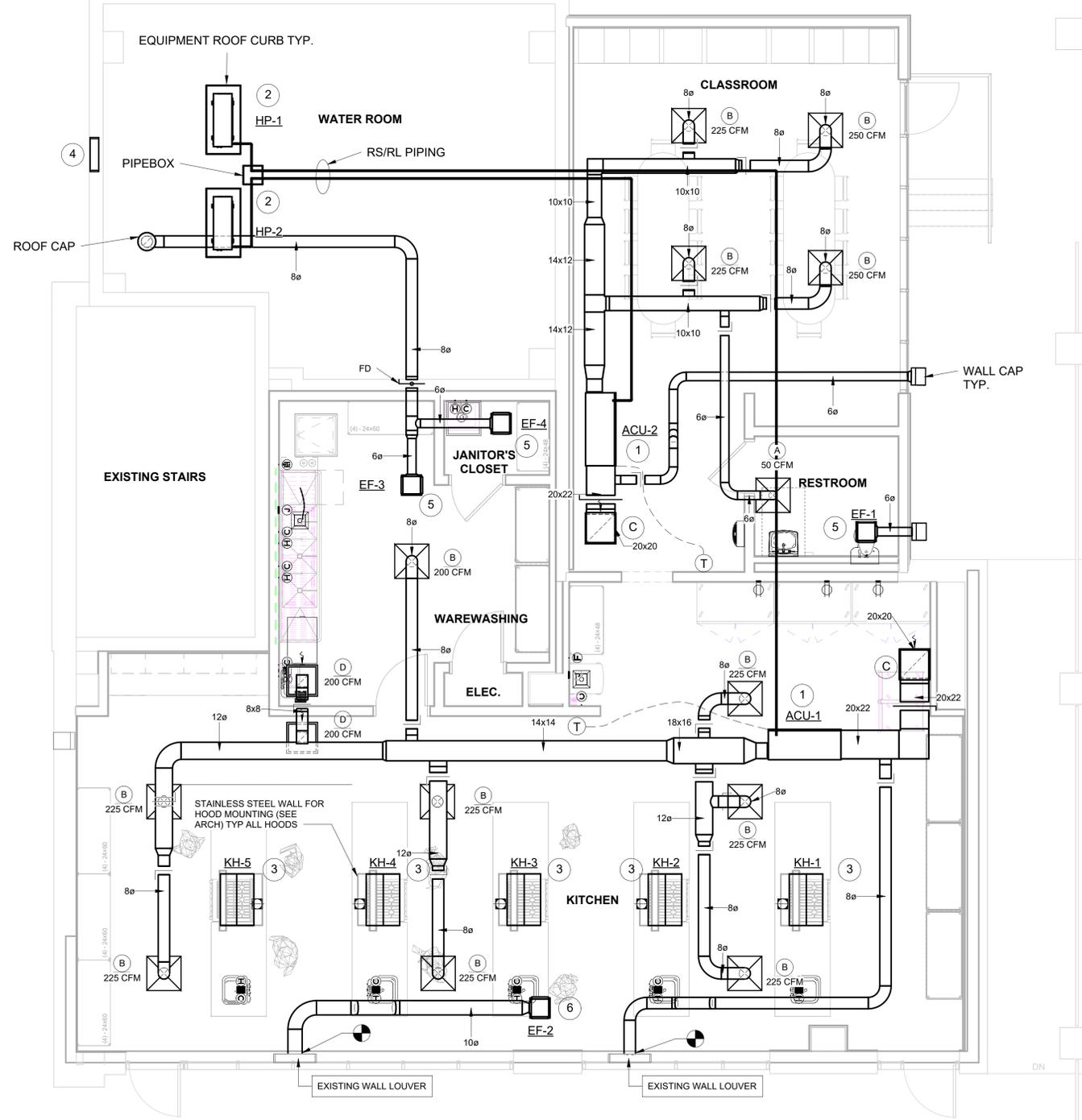
GENERAL NOTES:
 A. PROVIDE AND INSTALL AIR DISTRIBUTION DEVICES WHERE SHOWN.

B. PROVIDE AND INSTALL SUPPLY, RETURN, EXHAUST, AND OUTSIDE AIR DUCTWORK AS SHOWN. ROUTE DUCTWORK AS SHOWN FROM ACU OR EXHAUST FAN TO AIR DISTRIBUTION, TERMINATION, OR CAPTURE DEVICE.

C. ALL ROOFING WORK SHALL BE PERFORMED BY A ROOFING CONTRACTOR LICENSED TO MAINTAIN THE ROOFING WARRANTY.

PLAN NOTES:

1. PROVIDE AND INSTALL ACU-1&2 HUNG FROM ABOVE STRUCTURE. CONNECT ACU-1&2 TO SUPPLY DUCTWORK, RETURN DUCTWORK, CONDENSATE DRAIN, AND RS/RL PIPING AS SHOWN. FIRE CAULK AT RS/RL PENETRATIONS INTO WATER ROOM.
2. PROVIDE AND INSTALL HP-1&2 ON ROOF ABOVE WATER ROOM. HP-1&2 TO BE INSTALLED ON ROOF EQUIPMENT CURBS ANCHORED TO ROOF DECK. PROVIDE INSTALL, AND ROUTE RS/RL PIPING FROM HP-1&2 THRU A PIPE CURB TO ACU-1&2 AS SHOWN.
3. PROVIDE AND INSTALL KH-1-5 SUPPORTED FROM ABOVE STRUCTURE (SEE DETAIL & ARCH). CONNECT TO ELECTRIC RANGE DISCONNECT (SEE DETAIL).
4. PROVIDE AND INSTALL LOUVER, L-1, IN EXISTING WATER ROOM DOOR.
5. PROVIDE AND INSTALL EXHAUST FAN WHERE SHOWN. CONNECT EXHAUST DUCTWORK AND ROUTE TO NEW WALL/ROOF CAP IN EXTERIOR WALL/ROOF. PROVIDE FIRE DAMPER AND FIRE CAULK WHERE APPLICABLE AT PENETRATIONS INTO WATER ROOM.
6. PROVIDE AND INSTALL EXHAUST FAN WHERE SHOWN. CONNECT EXHAUST DUCTWORK AND ROUTE TO EXISTING WALL LOUVER IN EXTERIOR WALL.



2 FIRST FLOOR MECHANICAL PLAN - NEW
 1/4" = 1'-0"



**UMMC
 TEACHING
 KITCHEN**

THE UNIVERSITY OF
 MISSISSIPPI
 MEDICAL CENTER

2500 N STATE ST
 JACKSON, MS 39216



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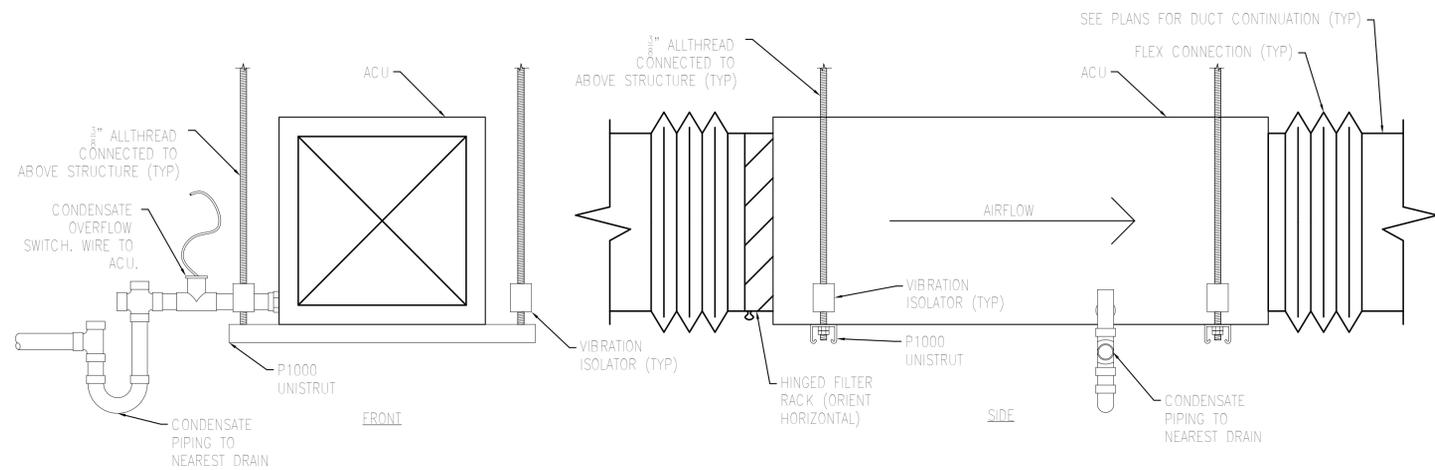
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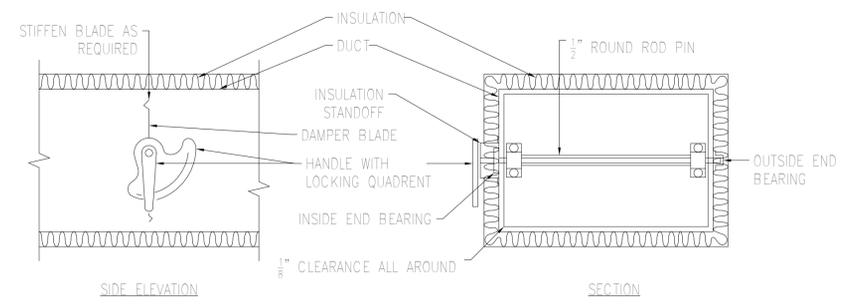
REVISIONS NO.	DESCRIPTION	DATE

DBES DESIGN BUILD AND
 ENGINEERING
 SERVICES, LLC
 111 Depot Dr., Ste. B
 Madison, MS 39110
 Phone: 601.427.5480
 DBES Job #: 24-004

M201
 MECHANICAL
 PLAN

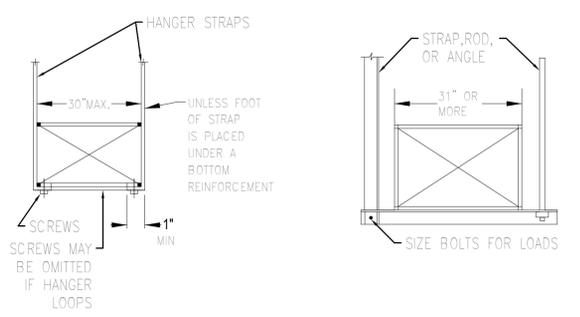


1 HORIZONTAL AHU MOUNTING DETAIL
NTS



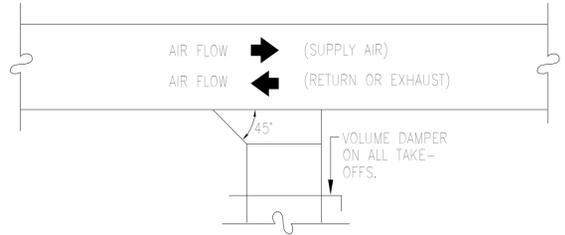
NOTE:
1. DELETE INSULATION STAND-OFF ON DUCTWORK WITHOUT EXTERIOR INSULATION
2. DETAIL SHOWS SINGLE BLADE DAMPER. DAMPER INSTALLATION SHALL BE SIMILAR FOR MULTI-BLADE DAMPERS & ROUND DAMPERS.

2 VOLUME DAMPER DETAIL
NTS



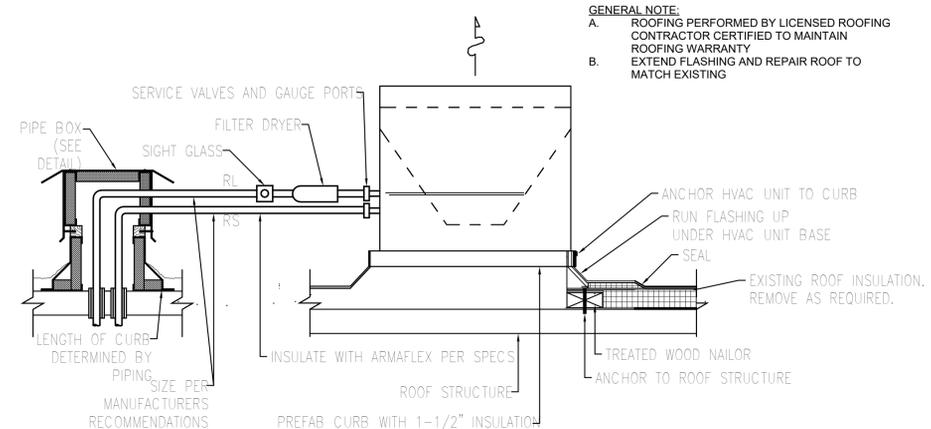
NOTES:
A. HANGERS MUST NOT DEFORM DUCT SHAPE
B. PROVIDE HANGERS IF SEISMIC RESTRAINTS ARE NOT REQUIRED.

3 DUCT HANGER DETAIL
NTS



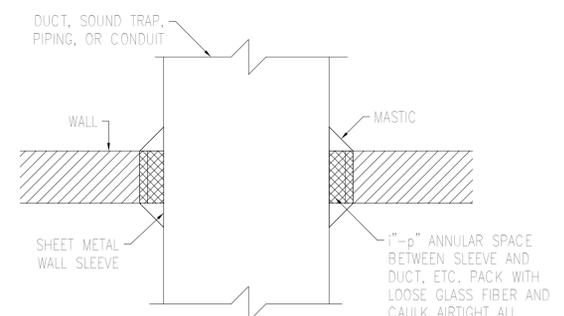
TYPICAL FOR LOW PRESSURE TAKE-OFFS FROM MAIN DUCT.

4 DUCT TAKEOFF DETAIL
NTS



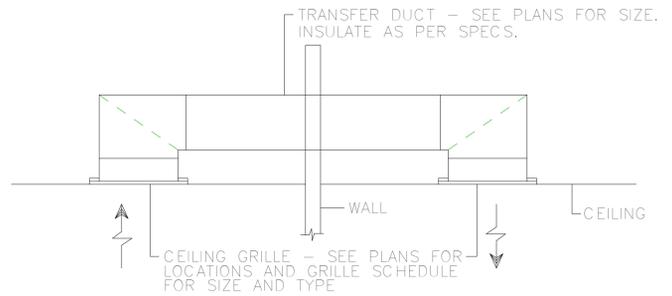
GENERAL NOTE:
A. ROOFING PERFORMED BY LICENSED ROOFING CONTRACTOR CERTIFIED TO MAINTAIN ROOFING WARRANTY
B. EXTEND FLASHING AND REPAIR ROOF TO MATCH EXISTING

6 ROOM MOUNTED VRF HEAT PUMP DETAIL
NTS



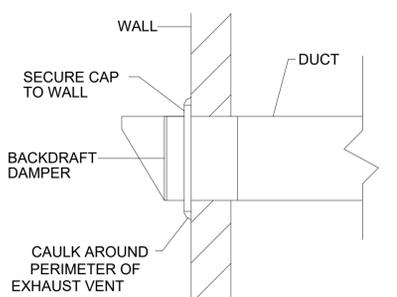
NOTE: THIS DETAIL APPLICABLE AT MECHANICAL ROOM WALL PENETRATIONS, SOUND CONTROL PARTITIONS AND WHERE OTHERWISE INDICATED.

5 DUCT/PIPE PENETRATION THRU WALL
NTS

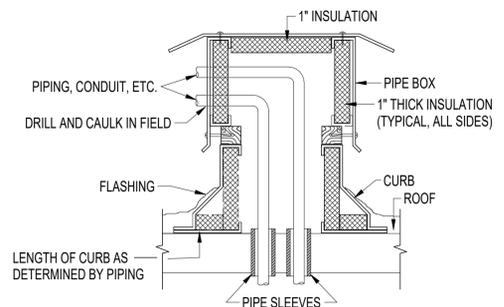


GENERAL NOTES:
A. PROVIDE AND INSTALL COMBINATION FD/SD AS SHOWN ON PLANS.

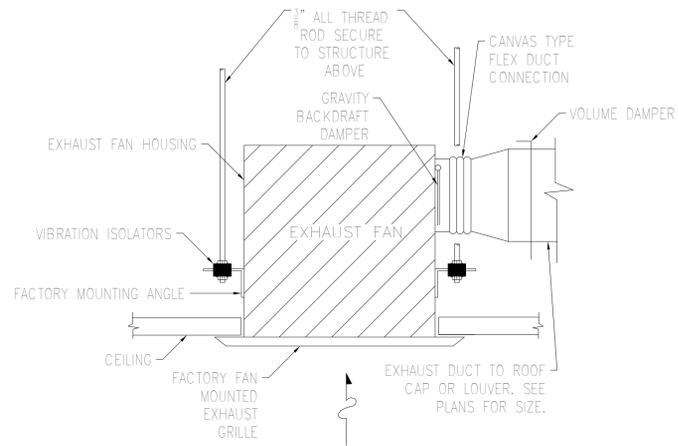
7 TRANSFER DUCT DETAIL
NTS



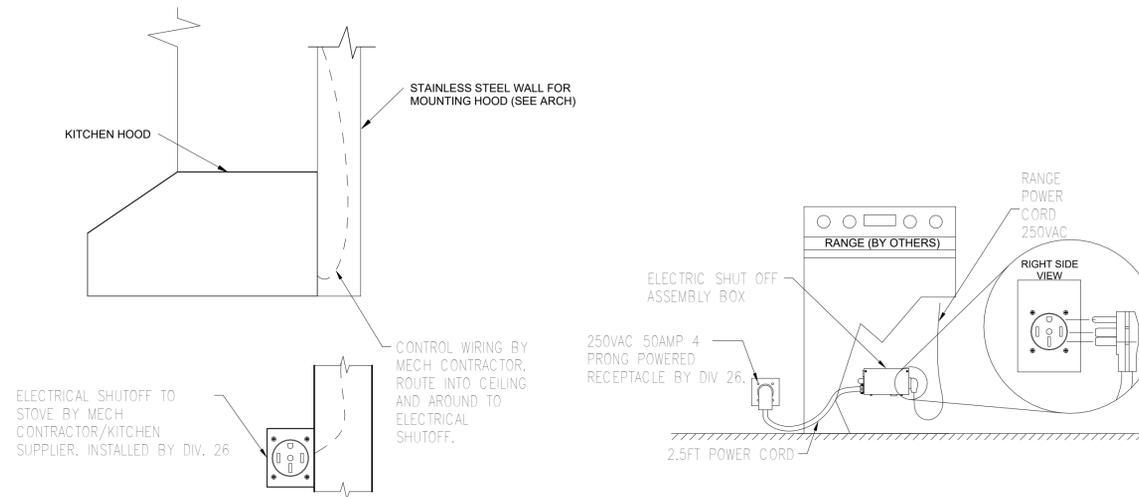
8 EXHAUST VENT THRU WALL DETAIL
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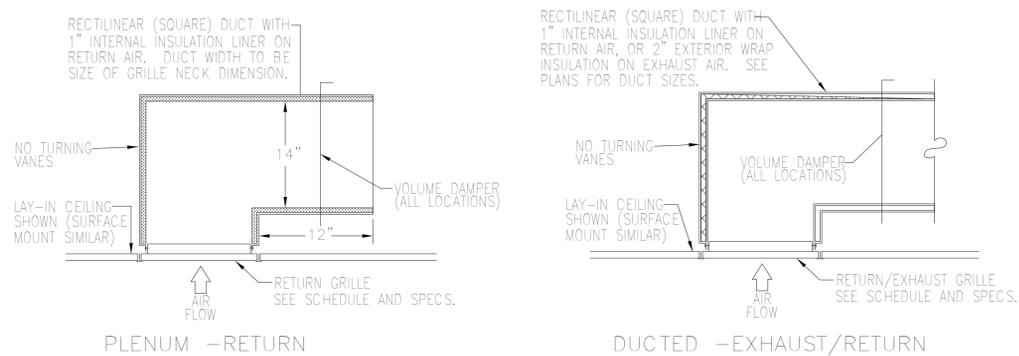
9 PIPE BOX DETAIL
NTS



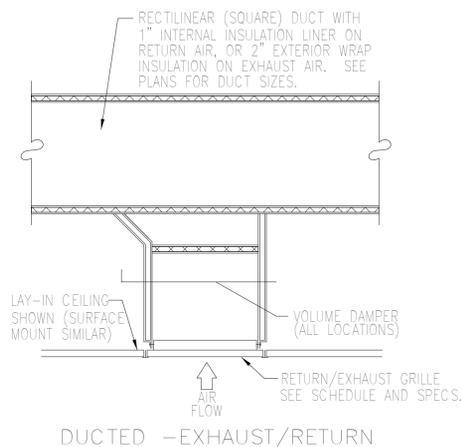
1 CEILING EXHAUST FAN DETAIL
NTS



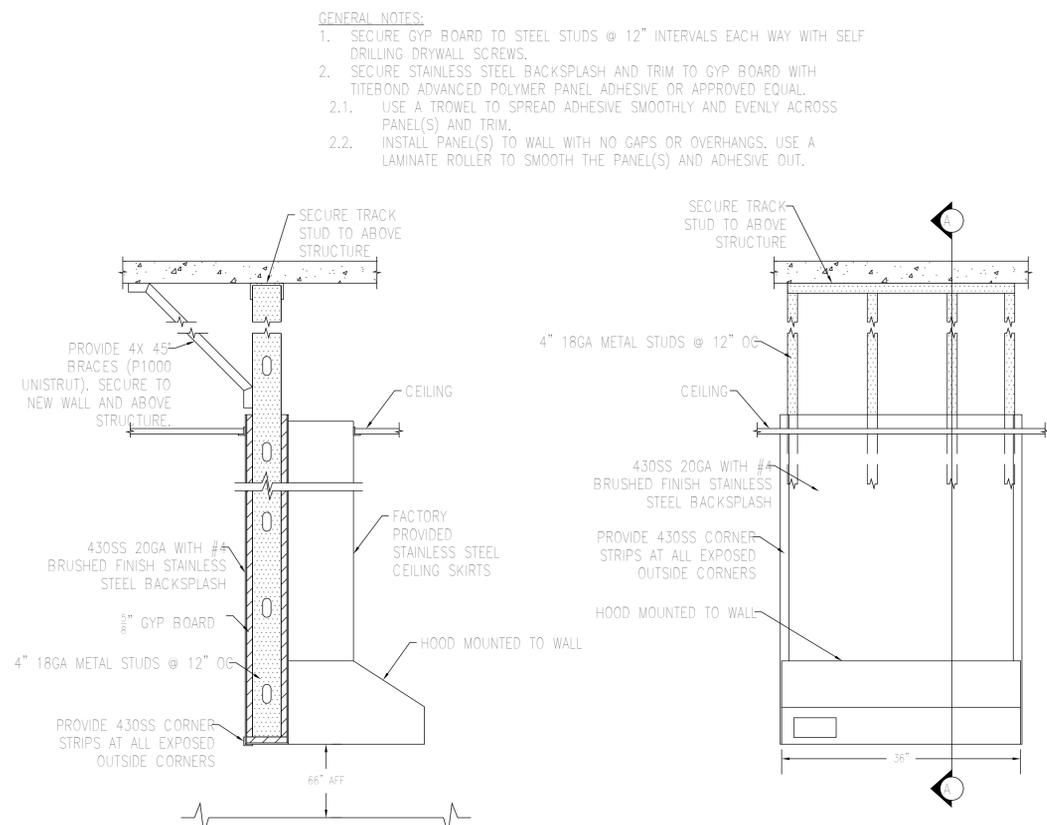
2 KITCHEN HOOD CONTROL DETAIL
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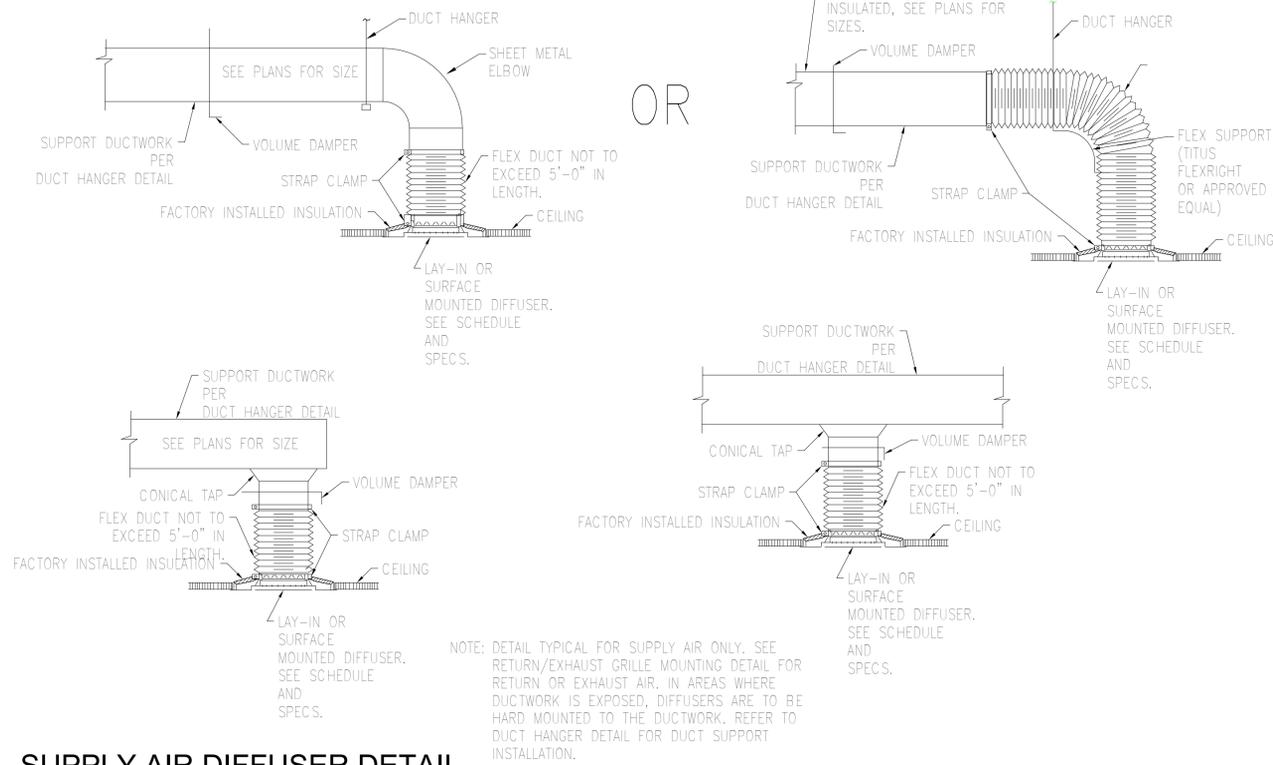
NOTE: REFER TO DUCT HANGER DETAIL FOR DUCT SUPPORT INSTALLATION.



3 EXHAUST-RETURN AIR GRILLE DETAIL
NTS



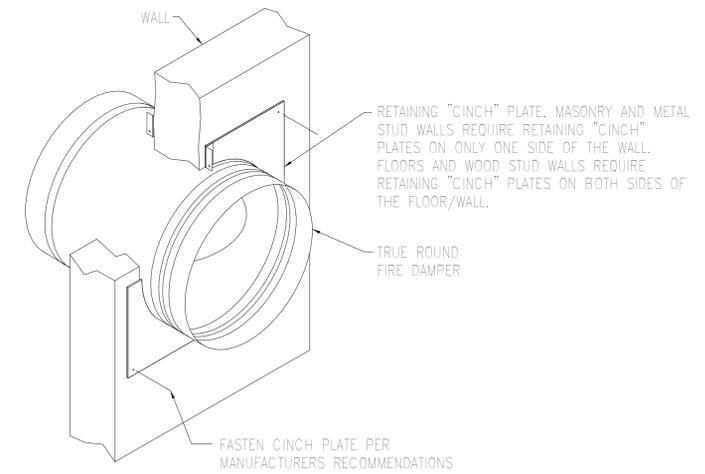
4 HOOD AND WALL MOUNTING DETAIL
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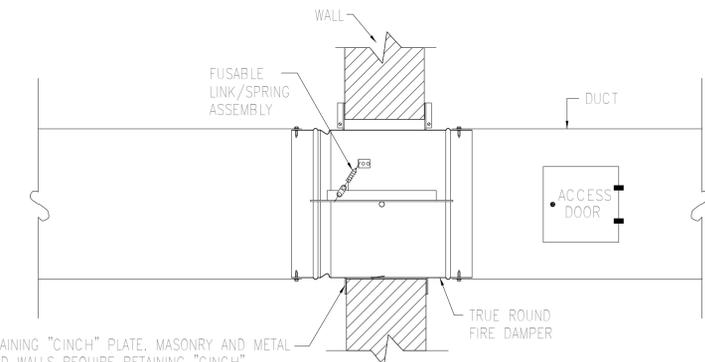
1 SUPPLY AIR DIFFUSER DETAIL
NTS

GENERAL NOTES

- A. PROVIDE AND INSTALL STATIC FIRE DAMPERS (IBD20) WHEN THE FANS IN THE SYSTEM TURN OFF DURING THE FIRE ALARM. COORDINATE WITH CONTROLS ON EXACT SEQUENCE OF OPERATIONS.
- B. PROVIDE AND INSTALL DYNAMIC FIRE DAMPERS (DIBD20) WHEN THE FANS IN THE SYSTEM ARE IN OPERATION DURING THE FIRE ALARM. COORDINATE WITH CONTROLS ON EXACT SEQUENCE OF OPERATIONS.
- C. RECTANGULAR FIRE DAMPERS DAMPERS SHOWN ARE RUSKIN IBD20/DIBD20 TYPE "B".
- D. OVAL FIRE DAMPERS DAMPERS SHOWN ARE RUSKIN IBD20/DIBD20 TYPE "C".
- E. ROUND FIRE DAMPERS SHOWN ARE RUSKIN FDR25SS.
- F. GRILLE MOUNTED FIRE DAMPERS DAMPERS SHOWN ARE RUSKIN IBD20/DIBD20 TYPE "G".



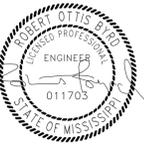
ROUND
HORIZONTAL/VERTICAL INSTALLATION



RETAINING "CINCH" PLATE. MASONRY AND METAL STUD WALLS REQUIRE RETAINING "CINCH" PLATES ON ONLY ONE SIDE OF THE WALL. FLOORS AND WOOD STUD WALLS REQUIRE RETAINING "CINCH" PLATES ON BOTH SIDES OF THE FLOOR/WALL.

ROUND
HORIZONTAL/VERTICAL INSTALLATION

2 FIRE DAMPER INSTALLATION DETAILS
NTS



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AIR DISTRIBUTION DEVICES

MARK	USE			CFM RANGE	NECK SIZE	FACE SIZE	DEFLECTION	CEILING TYPE	MANUFACTURER AND MODEL	REMARKS
	S	R	E							
A	X			0 - 100	6"Φ	24x24"	RADIAL	2	PRICE SPD	1
B	X			181-280	8"Φ	24x24"	RADIAL	2	PRICE SPD	1
C		X		1000-2000	20X20	24x24"	---	2	PRICE 80	1
D		X		200	8X8	24x24"	---	2	PRICE 80	1

NOTES: 1. PROVIDE WITH FACTORY INSULATED TOP FOR AIR DISTRIBUTION DEVICE.
2. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN.

EXHAUST FAN SCHEDULE

MARK	CFM	E.S.P. IN. W.G.	RPM	ELECTRICAL SERVICE			SONES	DRIVE	TYPE	INTERLOCK WITH / CONTROLLED BY	MANUFACTURER AND MODEL	REMARKS
				V/HZ/PH	FLA	MOTOR						
EF-1	50	0.15	675	115/60/1	0.15	16 W	0.09	DIRECT	CEILING MOUNTED	2	GREENHECK SP-B70	1,2,3,4
EF-2	250	0.25	1000	115/60/1	0.56	83 W	2.5	DIRECT	CEILING MOUNTED	5	GREENHECK SP-A250	1,3,4,5
EF-3	150	0.25	1050	115/60/1	1.8	128 W	3	DIRECT	CEILING MOUNTED	5	GREENHECK SP-B150	1,3,5,6
EF-4	50	0.15	675	115/60/1	0.15	16 W	0.09	DIRECT	CEILING MOUNTED	5	GREENHECK SP-B70	1,3,5

NOTES:

1. PROVIDE WITH GRAVITY BACKDRAFT DAMPER.
2. PROVIDE WITH CEILING MOUNTED OCCUPANCY SENSOR.
3. PROVIDE WITH WHITE PLASTIC GRILLE.
4. PROVIDE WITH WALL CAP.
5. INTERLOCK WITH WALL SWITCH.
6. PROVIDE WITH ROOF CAP.

KITCHEN HOOD SCHEDULE

TAG	EXHAUST VOLUME (CFM)	HOOD LENGTH	ELECTRICAL (V/HZ/P)	MODEL	REMARKS
KH-1	300	36"	115/60/1	GREENHECK GRRS-I-36-F-E-X	1,2,3
KH-2	300	36"	115/60/1	GREENHECK GRRS-I-36-F-E-X	1,2,3
KH-3	300	36"	115/60/1	GREENHECK GRRS-I-36-F-E-X	1,2,3
KH-4	300	36"	115/60/1	GREENHECK GRRS-I-36-F-E-X	1,2,3
KH-5	300	36"	115/60/1	GREENHECK GRRS-I-36-F-E-X	1,2,3

NOTES:

1. PROVIDE WITH INTEGRAL FRONT DISCHARGE RECIRCULATING FAN WITH REPLACEABLE CHARCOAL FILTERS.
2. HOOD SHALL HAVE FIRE DETECTION AND SUPPRESSION SYSTEM.
3. HOODS SHALL BE MOUNTED 66" ABOVE FINISHED FLOOR.
4. PROVIDE WITH FACTORY CEILING SKIRTS TO 3" ABOVE CEILING.

INDOOR SPLIT SYSTEM SCHEDULE

MARK	CONNECTED HEATPUMP UNIT	AIRFLOW (CFM)	COOLING				HEATING			ELECTRICAL SERVICE		MAKE MODEL	NOTES
			COOLING PERFORMANCE		EAT DB/WB (oF)	LAT DB/WB (oF)	HEATING PERFORMANCE - HEAT PUMP		V/PH/HZ	MCA/MOCP			
			TOTAL CAPACITY (BTUH)	SENSIBLE CAPACITY (BTUH)			HEATING CAPACITY AT 47°F (BTUH)	EAT (°F)			LAT (°F)		
ACU-1	HP-1	1,800	60,000	41,300	79.2/65.8	57.8/56.2	66,000	65	98.95	208/1/60	8.9/15	DAIKIN FXTQ60TAVJUA	1,2,3,4
ACU-2	HP-2	1,000	30,000	21,400	79.2/65.8	57.8/56.2	34,000	65	96.48	208/1/60	4.9/15	DAIKIN FXTQ30TAVJUA	1,2,3,4

- NOTES: 1. PROVIDE WITH EXTERNAL FILTER RACK FOR 2" MERV 8 FILTER WITH HINGED ACCESS DOOR.
2. PROVIDE CONDENSATE OVERFLOW SWITCH IN MAIN CONDENSATE DRAIN LINE.
3. PROVIDE WITH PROGRAMMABLE THERMOSTAT.
4. UNIT TO BE SUSPENDED FROM CEILING STRUCTURE WITH CONTRACTOR PROVIDED UNISTRUT AND 3/8" ALLTHREAD.

OUTDOOR SPLIT SYSTEM HEATPUMP SCHEDULE

MARK	CONNECTED INDOOR UNIT	DX COOLING (R-410A)	ELECTRICAL SERVICE		MAKE & MODEL	NOTES
		CAPACITY (TONS)	V-PH	MCA/MOCP		
HP-1	ACU-1	5	208/1	29.1/35	DAIKIN RXTQ60TAVJUA	1
HP-2	ACU-2	3	208/1	16.5/20	DAIKIN RXTQ36TAVJ9A	1

NOTES: 1. PROVIDE WITH EQUIPMENT ROOF CURB.

LOUVER SCHEDULE

TAG	APPLICATION	FREE AREA (SQ. FT)	WIDTH (IN.)	HEIGHT (IN.)	DEPTH (IN.)	MODEL	NOTES
L-1	INTAKE	1.87	24	24	1.5	GREENHECK ESU-154	1

NOTES:

1. PROVIDE LOUVER WITH BIRDSCREEN.

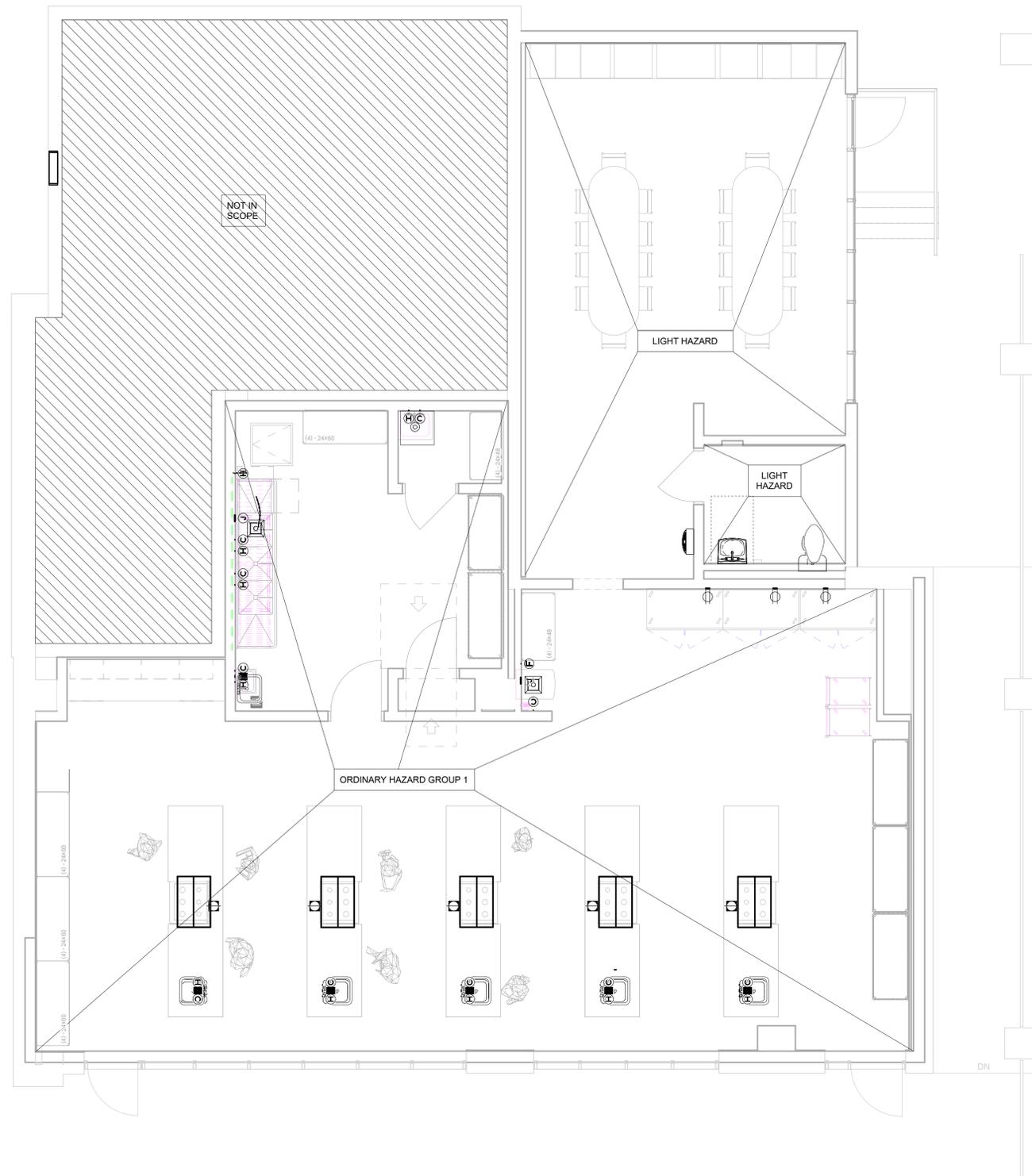


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REVISIONS
NO. DESCRIPTION DATE



GENERAL NOTES:

- A) CONTRACTOR SHALL PROVIDE A COMPLETE CALCULATED SPRINKLER SYSTEM IN ALL AREAS INDICATED ON THESE DRAWINGS TO BE SPRINKLED. CONTRACTOR SHALL COORDINATE EXACT ROUTING OF ALL SPRINKLER PIPING WITH PLUMBING, DUCTWORK, ELECTRICAL, CONDUIT, ETC. AND SUBMIT COMPLETE SHOP DRAWINGS AS PER SPECIFICATIONS TO ARCHITECT FOR APPROVAL.
- B) SPRINKLER PIPING IS ROUGHED IN AREAS DESIGNATED AS ORDINARY HAZARD 1. CONTRACTOR SHALL CONNECT TO THE EXISTING AND EXTEND SPRINKLER PIPING AS REQUIRED.
- C) NO FIRE PROTECTION EXISTS IN AREAS DESIGNATED AS LIGHT HAZARD. CONTRACTOR SHALL EXTEND SPRINKLER FROM THE ORDINARY HAZARD GROUP 1 AREA TO THE LIGHT HAZARD AREAS.
- D) FIRE CAULK ALL PENETRATIONS THRU FIRE RATED ASSEMBLIES.



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1 FIRE PROTECTION FLOOR PLAN
1/4" = 1'-0"

GENERAL NOTES - PLUMBING DEMOLITION

- A. IT IS THE INTENT OF THE DEMOLITION DRAWINGS TO AID THE CONTRACTOR IN BIDDING THE PROJECT BY PROVIDING INFORMATION ABOUT PLUMBING PIPING, EQUIPMENT, AND ASSOCIATED MATERIALS AND THEIR REMOVAL. HOWEVER, THE CONTRACTOR SHALL VISIT THE SITE AND OBSERVE ALL EXISTING CONDITIONS RELATED TO THE WORK AND MAKE NECESSARY ADJUSTMENTS TO FACILITATE DEMOLITION OF EXISTING SYSTEMS AND INSTALLATION OF NEW SYSTEMS.
- B. PLUMBING CONSTRUCTION SHALL INCLUDE ALL WORK REQUIRED FOR THE REMOVAL OF EXISTING PLUMBING PIPING, EQUIPMENT, ETC. WHERE INDICATED OR REQUIRED TO FACILITATE NEW CONSTRUCTION, THE CONTRACTOR SHALL REMOVE FROM THE SITE (AT THE CONTRACTOR'S EXPENSE) ANY PIPING, VALVES, EQUIPMENT, ETC. NOT REUSED. OWNER SHALL HAVE FIRST RIGHTS TO SALVAGED ITEMS.
- C. PIPING SYSTEMS (INCLUDING SIZES AND ROUTING) SHOWN ON DRAWINGS ARE APPROXIMATE AND WERE TAKEN FROM EXISTING RECORD DRAWINGS AND UPDATED BY ON-SITE INVESTIGATION. OR MAY NOT HAVE BEEN VERIFIED. THE CONTRACTOR IS TO VISIT PROJECT SITE PRIOR TO COMMENCEMENT OF CONSTRUCTION AND VERIFY EXISTING SIZES AND LOCATIONS, AS WELL AS GENERAL WORKING CONDITIONS.
- D. THE CONTRACTOR IS TO PERFORM ALL WORK ACCORDING TO PROJECT PHASING GUIDELINES. WHERE PROJECT PHASING IS NOT ADDRESSED ON PLANS OR IN SPECIFICATIONS, ALL WORK (IN BUILDING(S) OR ONSITE) ANTICIPATED TO CAUSE DISRUPTION OR OTHERWISE AFFECT PLUMBING SYSTEMS AND/OR BUILDING OCCUPANTS IN OTHER AREAS OF THE BUILDING IS TO BE SCHEDULED WITH THE BUILDING OWNER'S MAINTENANCE/PHYSICAL FACILITIES PERSONNEL.
- E. ANY AND ALL TEMPORARY SERVICES ARE TO BE PROVIDED BY AND PAID FOR BY THE CONTRACTOR.
- F. WHERE NEW PIPING SYSTEMS ARE SHOWN TO REPLACE EXISTING PIPING SYSTEMS, THE EXISTING PIPING SHALL BE REMOVED TO PERMIT THE INSTALLATION OF NEW SYSTEMS. NEW PIPING SYSTEMS SHALL BE COMPLETE IN ALL RESPECTS BETWEEN CONNECTIONS TO EXISTING AND NEW EQUIPMENT. ALL EXISTING REMOVED OR DEMOLISHED PIPING, VALVES, HANGERS, ETC. SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE PREMISES.
- G. ALL EXISTING ACCESSIBLE PIPING ABANDONED AS PART OF THIS PROJECT (INCLUDING ABANDONED FIXTURE ROUGH-IN PIPING) IS TO BE REMOVED UNLESS NOTED OTHERWISE. ANY REMAINING INACCESSIBLE PIPING IS TO BE CAPPED OFF IN WALLS, ABOVE CEILINGS, AND/OR BELOW FLOORS.
- H. WHERE EQUIPMENT, PIPING, SUPPORTS, ETC. ARE REMOVED, ALL OPENINGS AND HOLES IN WALLS, CEILINGS, AND FLOORS SHALL BE PATCHED AND FINISHED UNDER DIRECTION OF PROJECT ARCHITECT/ENGINEER.
- I. NO EXISTING STRUCTURAL MEMBERS ARE TO BE CUT OR PENETRATED WITHOUT SPECIFIC AUTHORIZATION BY ARCHITECT/ENGINEER. WHERE POSSIBLE, ROOF AND EXTERIOR WALL PENETRATIONS ARE TO BE MADE THROUGH EXISTING OPENINGS LEFT BY DEMOLISHED PIPING OR DUCTWORK. ALL REMAINING OPENINGS AND HOLES IN WALLS, CEILINGS, AND FLOORS SHALL BE PATCHED AND FINISHED UNDER DIRECTION OF PROJECT ARCHITECT/ENGINEER.
- J. MAINTAIN EXISTING WALL CONSTRUCTION, INCLUDING FIRE RATINGS, WHERE WORK IS PERFORMED.
- K. WHERE EXISTING OPENINGS MUST BE ENLARGED, REMOVE ADDITIONAL WALL CONSTRUCTION AS REQUIRED. CLOSE OFF WALL CAVITY WITH METAL STUD FRAMING TO MATCH WALL DEPTH.
- L. ANY EXISTING PIPING DISCOVERED DURING DEMOLITION (BUT NOT NECESSARILY SHOWN ON PLANS) THAT IS REQUIRED TO REMAIN IN SERVICE IS TO BE REROUTED AND RECONNECTED AS REQUIRED. UPON DISCOVERY OF SUCH CONDITIONS, THE CONTRACTOR IS TO CONTACT THE MECHANICAL ENGINEER FOR INSTRUCTIONS.
- M. AT ALL TIMES, FLOORS SHALL BE PROTECTED FROM DAMAGE. FURNISH AND INSTALL PLYWOOD OR OSB SHEETS (MIN. 3/4" THICKNESS) OVER EQUAL SIZE SHEETS OF CARDBOARD TO PROTECT FLOORS ANYWHERE THERE WILL BE FOOT TRAFFIC, WHEELBARROWS, PALLET JACKS, HEAVY EQUIPMENT, MACHINERY, STORED MATERIALS, ETC. ALL HEAVY MACHINERY SHALL REMAIN ON PLYWOOD OR OSB SHEETS (MIN. 3/4" THICKNESS) OVER CARDBOARD AT ALL TIMES WHILE INDOORS TO PREVENT DAMAGE TO FLOORS. ALL PROTECTIVE MATERIALS ARE TO BE REMOVED AT THE END OF CONSTRUCTION.
- N. SEE ELECTRICAL DRAWINGS FOR ELECTRICAL DEMOLITION INFORMATION.

GENERAL NOTES - PLUMBING

- A. ALL PLUMBING SYSTEMS SHALL BE INSTALLED PER APPLICABLE BUILDING CODES AND LOCAL CODES.
- B. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL PLUMBING INSTALLATIONS WITH ALL OTHER TRADES (HVAC, FIRE PROTECTION, ELECTRICAL, LIGHTING, STRUCTURAL, CEILING CONSTRUCTION AND SUPPORTS, AND ETC.). ANY CONFLICTS ARISING DUE TO A LACK OF CONSTRUCTION COORDINATION OR CONSIDERATION FOR THE REQUIREMENTS OF OTHER TRADES SHALL BE RESOLVED AT NO EXPENSE TO THE OWNER.
- C. ALL PLUMBING SYSTEMS AND EQUIPMENT ARE TO BE INSTALLED PER CONTRACT DOCUMENTS. THE CONTRACTOR MUST REQUEST AND RECEIVE DOCUMENTED APPROVAL FROM THE MECHANICAL ENGINEER PRIOR TO DEVIATING FROM CONTRACT DOCUMENTS.
- D. NO PLUMBING SYSTEMS ARE TO BE INSTALLED IN OR ABOVE ANY ELECTRICAL OR COMMUNICATIONS ROOM, ELEVATOR SHAFT, ELEVATOR EQUIPMENT ROOM OR STAIRWELL UNLESS SHOWN ON PLANS.
- E. AT ALL TIMES, FLOORS SHALL BE PROTECTED FROM DAMAGE. FURNISH AND INSTALL PLYWOOD OR OSB SHEETS (MIN. 3/4" THICKNESS) OVER EQUAL SIZE SHEETS OF CARDBOARD TO PROTECT FLOORS ANYWHERE THERE WILL BE FOOT TRAFFIC, WHEELBARROWS, PALLET JACKS, HEAVY EQUIPMENT, MACHINERY, STORED MATERIALS, ETC. ALL HEAVY MACHINERY SHALL REMAIN ON PLYWOOD OR OSB SHEETS (MIN. 3/4" THICKNESS) OVER CARDBOARD AT ALL TIMES WHILE INDOORS TO PREVENT DAMAGE TO FLOORS. ALL PROTECTIVE MATERIALS ARE TO BE REMOVED AT THE END OF CONSTRUCTION.
- F. WHERE POSSIBLE, VALVES AND DEVICES IN ABOVE-CEILING PIPING ARE TO BE INSTALLED ABOVE ACCESSIBLE CEILINGS AND CLEANOUTS EXTENDED TO ABOVE ACCESSIBLE CEILINGS. WHERE INSTALLED ABOVE INACCESSIBLE CEILINGS, ACCESS PANELS ARE TO BE INSTALLED.
- G. ACCESS PANELS ARE TO BE ADEQUATELY SIZED TO ALLOW FOR OPERATION AND MAINTENANCE OF ALL CONCEALED VALVES, CLEANOUTS, EQUIPMENT, AND ETC., AND ARE TO HAVE SAME SMOKE/FIRE RATING AS WALLS AND CEILINGS IN WHICH THEY ARE INSTALLED.
- H. WATER HAMMER ARRESTORS ARE TO BE INSTALLED AS CLOSE TO CONNECTIONS TO PIPES SERVED AS POSSIBLE. WHERE INSTALLED IN INACCESSIBLE AREAS, ADEQUATELY SIZED ACCESS PANELS ARE TO BE FURNISHED AND INSTALLED CLEAR OF FIXTURES, MILLWORK, TOILET GRAB BARS, ETC. WHERE INSTALLED IN PIPING SERVING BACK-TO-BACK MALLE AND FEMALE TOILETS, ACCESS PANELS ARE TO BE INSTALLED ON MALE SIDE OF WALL/PIPE CHASE.
- I. SLEEVE AND FIRE-STOP ALL PIPE PENETRATIONS OF RATED WALLS, FLOORS AND CEILINGS. REFER TO SPECIFICATIONS AND BUILDING CODES FOR APPROVED FIREPROOFING MATERIALS AND METHODS.
- J. ALL PIPE THRU-PENETRATIONS OF WALLS AND PARTITIONS ARE TO BE SLEEVED (SEE SPECIFICATIONS).
- K. ESCUTCHEONS ARE TO BE FURNISHED AND INSTALLED FOR ALL EXPOSED PIPE PENETRATIONS OF WALLS AND PARTITIONS AND FOR PIPE PENETRATIONS (EXPOSED AND CONCEALED) OF MILLWORK AND CASEWORK.
- L. COPPER HANGERS OR HANGERS WITH RUBBER/POLYCARBONATE ATTACHMENTS ARE REQUIRED FOR BARE COPPER PIPING IN ORDER TO PREVENT GALVANIC CORROSION. (NOTE: TAPE IS NOT AN ACCEPTABLE DIELECTRIC SEPARATION.)
- M. WHERE BARE COPPER PIPING IS ROUTED THROUGH OR AGAINST STUDS, RUBBER OR POLYCARBONATE SPACERS ARE REQUIRED.
- N. SANITARY AND STORM DRAIN PIPING 2-1/2" AND SMALLER IS TO BE RUN AT A MINIMUM SLOPE OF 1/4" PER FOOT. GRAVITY-FLOW PIPING 3" AND LARGER IS TO BE RUN AT A MINIMUM SLOPE OF 1/8" PER FOOT.
- O. GREASE WASTE PIPING IS TO BE RUN AT A MINIMUM SLOPE OF 2 PERCENT (1/4" PER FOOT).
- P. CONDENSATE DRAIN PIPING IS TO BE INSTALLED WITH A MINIMUM SLOPE OF ONE PERCENT (1/8" PER FOOT).
- Q. CONDENSATE DRAINS PIPED TO OPEN RECEPTORS (FLOOR DRAINS, ETC.) CONNECTED TO SANITARY WASTE SYSTEM ARE TO TURN DOWN OVER RECEPTORS, LEAVING AN AIR GAP.
- R. SINKS UTILIZED FOR FOOD PREPARATION AND WASHING OF UTENSILS, COOKWARE, ETC. SHALL BE DRAINED INDIRECTLY TO FLOOR SINKS. TURN DRAIN(S) DOWN OVER FLOOR SINK(S), LEAVING A MINIMUM AIR GAP OF TWICE THE DIAMETER OF THE SINK DRAIN(S).
- S. BELOW-SLAB PIPING INSTALLED ABOVE STRUCTURAL FOOTINGS IS TO BE INSTALLED MINIMUM 6" ABOVE TOP OF FOOTINGS.
- T. FULL ACCESS AND CODE-REQUIRED CLEARANCES ARE TO BE PROVIDED FOR ALL CLEANOUT PLUGS, INCLUDING THOSE INSTALLED IN WALLS BEHIND MILLWORK. CLEANOUT PLUGS INSTALLED IN CONCEALED SPACES ARE TO BE EXTENDED TO JUST BEHIND WALLS THRU WHICH THEY ARE ACCESSED.
- U. WHERE CLEANOUT PLUGS ARE INSTALLED IN OR BEHIND RATED WALLS, ACCESS DOORS WITH SAME RATING AS WALLS ARE TO BE INSTALLED IN LIEU OF STANDARD CLEANOUT COVER PLATES.
- V. SANITARY AND STORM DRAIN CLEANOUTS SHALL BE SAME NOMINAL SIZE AS PIPES SERVED. UP TO 4". FOR PIPES LARGER THAN 4", CLEANOUTS SHALL NOT BE LESS THAN 4".
- W. SANITARY VENTS TERMINATING ABOVE ROOF ARE TO BE INSTALLED MINIMUM 12 FEET FROM ALL OUTSIDE AIR INTAKES OPENINGS.
- X. PIPE INSULATION IS TO BE RUN CONTINUOUS (UNCUT) THRU WALL STUDS, PIPE HANGERS AND SUPPORTS, AND WALL AND FLOOR PENETRATIONS.
- Y. MASTIC IS TO BE APPLIED TO ALL RAW EDGES OF PIPING INSULATION.
- Z. ALL VALVES INSTALLED IN INSULATED PIPING ARE TO BE INSULATED AND SHUT-OFF VALVES PROVIDED WITH EXTENDED STEMS.

GENERAL NOTES - PLUMBING

- A. ALL CONDENSATE DRAIN PIPING, AS WELL AS TRAPS AND HORIZONTAL DRAINS CONNECTED TO RECEPTORS INSTALLED ABOVE SLAB-ON-GRADE AND RECEIVING CONDENSATE DRAINAGE, ARE TO BE INSULATED PER SPECIFICATIONS.
- B. CONCRETE HOUSEKEEPING PADS (WITH CHAMFERED EDGES) FOR FLOOR-MOUNTED EQUIPMENT ARE TO BE PROVIDED BY THE PRIME CONTRACTOR.
- C. REFER TO ARCHITECTURAL PLANS FOR INSTALLATION DIMENSIONS FOR ALL PLUMBING FIXTURES.
- D. REFER TO HVAC PLANS FOR PIPE HANGER AND SUPPORT DETAILS.
- E. THE MECHANICAL CONTRACTOR SHALL COORDINATE WITH LOCAL UTILITY COMPANIES FOR SERVICES AND PAY ALL COSTS, FEES, DEPOSITS, AND ETC.
- F. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
- G. PRIOR TO COMMENCING ANY WORK, THE CONTRACTOR SHALL CONTACT THE SANITARY SEWER UTILITY COMPANY AND ARRANGE FOR THE PROJECT SEWER TAP. THE CONTRACTOR SHALL VERIFY THE ELEVATION OF THE SEWER TAP AND SHALL ADVISE THE ARCHITECT/ENGINEER IF IT IS NOT DEEP ENOUGH TO PERMIT CONNECTION OF THE BUILDING SEWER(S). THE SEWER INSTALLATION SHALL BEGIN AT THE LOW POINT (TAP) AND BE INSTALLED BELL-UP, AS SPECIFIED.
- H. ANY AND ALL PVC SANITARY AND STORM DRAIN PIPING INSTALLED LESS THAN 3 FEET BELOW ANY ROAD, DRIVEWAY OR PARKING AREA SHALL BE ENCASED IN SCHEDULE 40 PVC CONDUIT. ANY
- I. THE MECHANICAL CONTRACTOR SHALL REVIEW ALL FOOD SERVICE CONTRACTOR'S PLANS AND SPECIFICATIONS REGARDING PLUMBING REQUIREMENTS. NO WORK IS TO BEGIN IN KITCHEN/FOOD SERVICE AREAS UNTIL APPROVED. DIMENSIONED ROUGH-IN DRAWINGS ARE PROVIDED BY THE FOOD SERVICE CONTRACTOR. THE MECHANICAL CONTRACTOR SHALL ROUGH-IN FOR AND MAKE FINAL CONNECTIONS TO FOOD SERVICE EQUIPMENT.
- J. THE MECHANICAL CONTRACTOR SHALL REVIEW ALL LABORATORY EQUIPMENT CONTRACTOR'S PLANS AND SPECIFICATIONS REGARDING MECHANICAL REQUIREMENTS. NO WORK IS TO BEGIN IN LABORATORY AREAS UNTIL APPROVED. DIMENSIONED ROUGH-IN DRAWINGS ARE PROVIDED BY THE LABORATORY EQUIPMENT CONTRACTOR. THE MECHANICAL CONTRACTOR SHALL ROUGH-IN FOR AND MAKE FINAL CONNECTIONS TO LABORATORY EQUIPMENT.

PLUMBING PIPING AND SYMBOL LEGEND

— — — —	SANITARY SOIL OR WASTE		GATE VALVE
- - - -	SANITARY VENT		BALL VALVE
— GW —	GREASE WASTE		BALANCING VALVE
— AW —	ACID WASTE		GAS COCK
— AV —	ACID VENT		CHECK VALVE
++ — ++	STORM DRAIN		BACKFLOW PREVENTER
++ PSD ++	PRIMARY STORM DRAIN		FLOW MEASURING/SETTING DEVICE
++ SSD ++	SECONDARY STORM DRAIN		PRESSURE REDUCING VALVE
— — — —	DOMESTIC COLD WATER		RELIEF VALVE
— — — —	DOMESTIC HOT WATER (110°)		GAGE
— — — —	DOMESTIC HOT WATER RECIRCULATING LINE (110°)		UNION
-140 — — — —	DOMESTIC HOT WATER (140°)		MANUAL AIR VENT
-140 — — — —	DOMESTIC HOT WATER RECIRCULATING LINE (140°)		GAGE COCK
-180 — — — —	DOMESTIC HOT WATER (180°)		MECHANICAL SHOCK ARRESTOR (LETTER INDICATES PDI SIZE)
-180 — — — —	DOMESTIC HOT WATER RECIRCULATING LINE (180°)		THERMOMETER
— G —	NATURAL GAS		THERMOMETER WELL
— LPG —	LP (PROPANE) GAS		STRAINER
— D —	EQUIPMENT DRAIN		HOSE BIBB
— CD —	CONDENSATE DRAIN		BACKWATER VALVE
— PC —	PUMPED CONDENSATE		CLEANOUT
— DW —	DISTILLED WATER		WALL CLEANOUT
— A —	COMPRESSED AIR		FIN. FLOOR CLEANOUT
— O —	OXYGEN		FIN. GRADE CLEANOUT
— V —	VACUUM		CONCRETE THRUST BLOCK
— AC —	ACETYLENE		FIRE SPRINKLER HEAD
— NO —	NITROUS OXIDE		FIRESTOPPING
— F —	FIRE PROTECTION		NEW CONNECTION TO EXISTING PIPING AND/OR EQUIPMENT

PLUMBING ABBREVIATION LEGEND

AAV	AIR ADMITTANCE VALVE	GPH	GALLONS PER HOUR
A.F.F.	ABOVE FINISHED FLOOR	GPM	GALLONS PER MINUTE
A.F.G.	ABOVE FINISHED GRADE	GW	GREASE WASTE
AV	ACID VENT	HW	DOMESTIC HOT WATER
AVTR	ACID VENT THRU ROOF	HWR	DOMESTIC HOT WATER RECIRC.
AW	ACID WASTE	PSD	PRIMARY STORM DRAIN
CFH	CUBIC FEET PER HOUR	SSD	SECONDARY STORM DRAIN
CO	CLEANOUT	SV	SANITARY VENT
CW	DOMESTIC COLD WATER	SW	SANITARY SOIL OR WASTE
FCO	FINISHED FLOOR CLEANOUT	VTR	SANITARY VENT THRU ROOF
FGCO	FINISHED GRADE CLEANOUT	WCO	WALL CLEANOUT



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NO. DESCRIPTION DATE

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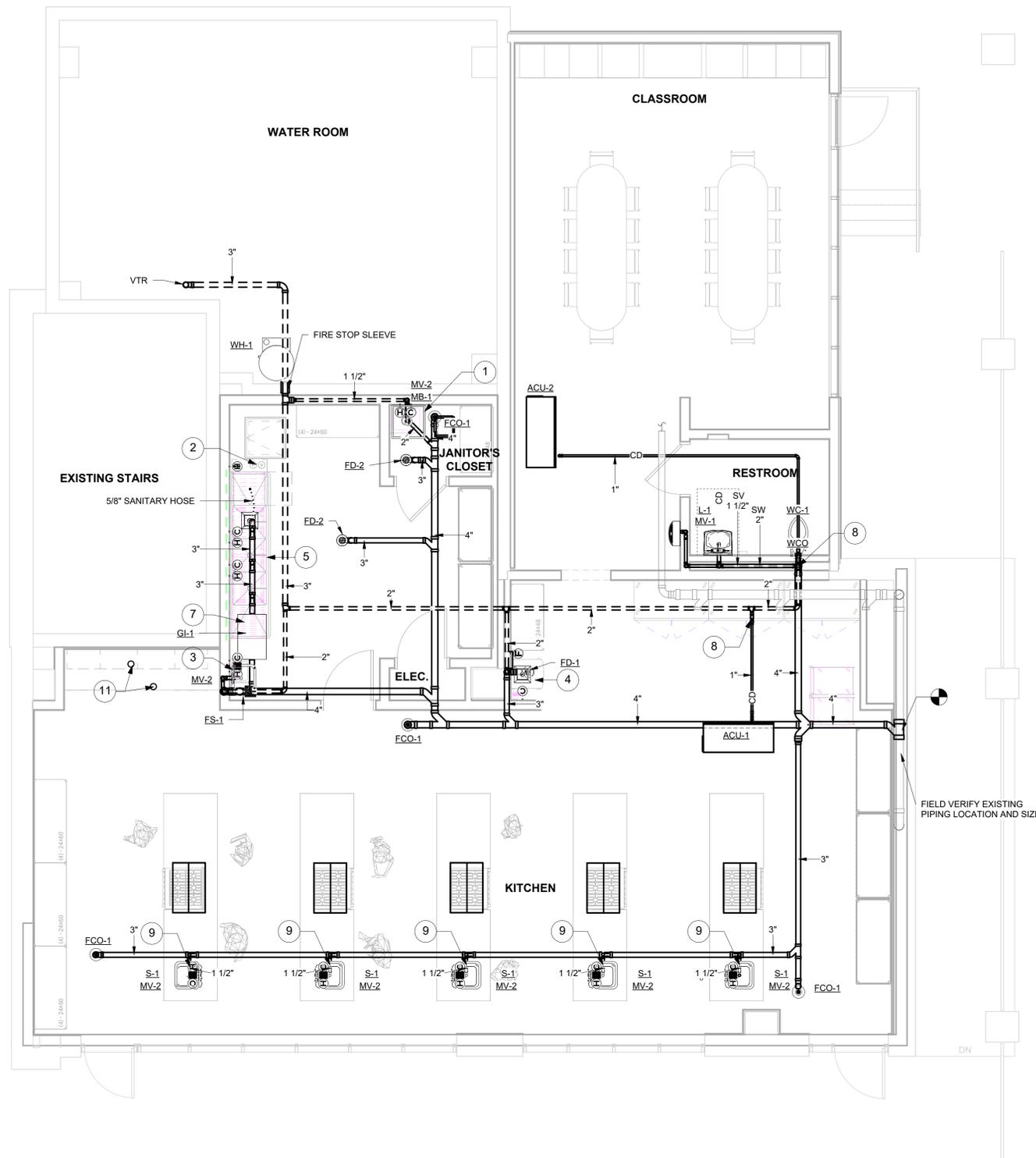
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PLUMBING NOTES & LEGENDS

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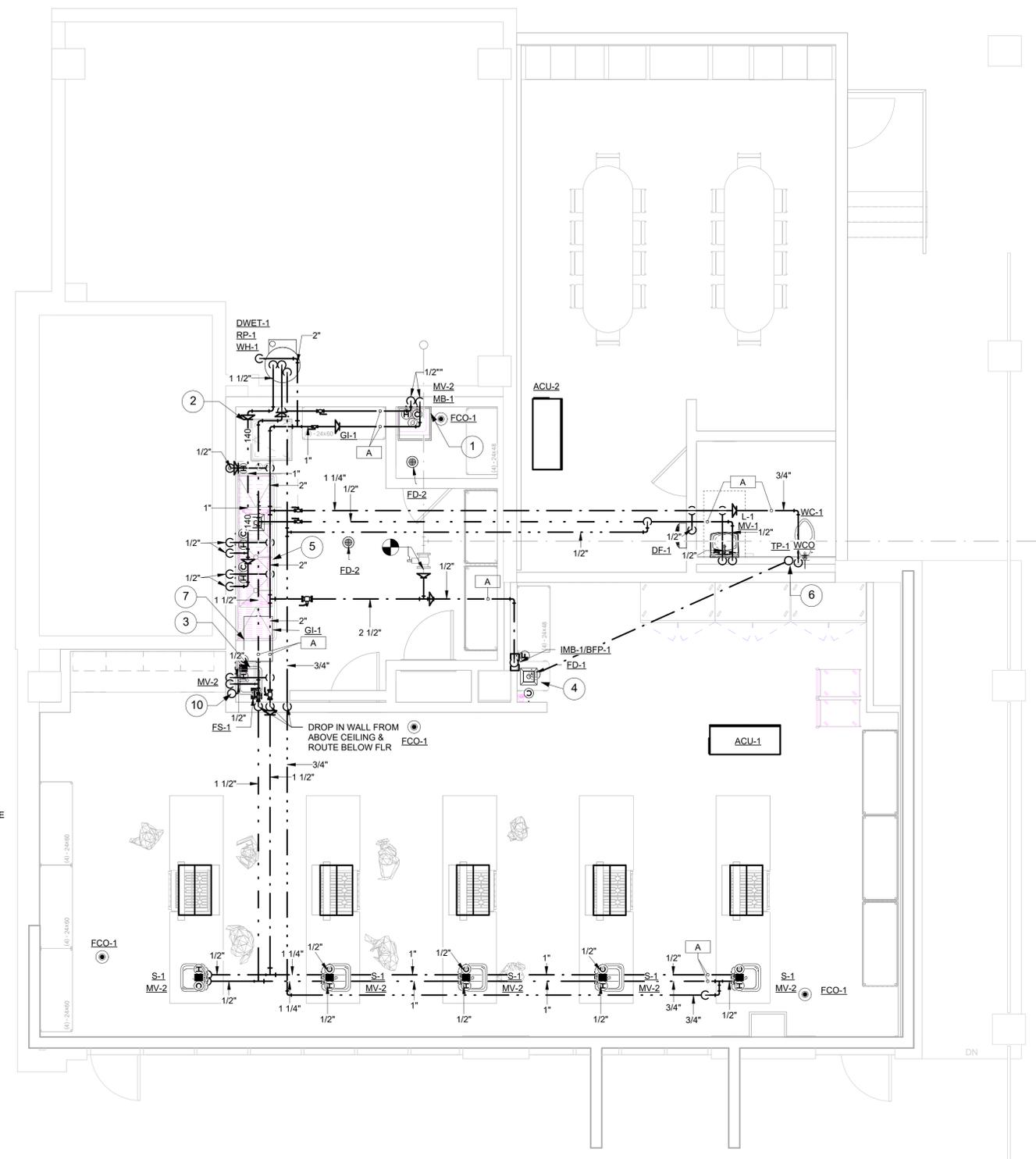
- 1 PROVIDE AND INSTALL MOP BASIN, ROUGH-IN AND CONNECT 1/2" CW & HW TO MIXING VALVE AND 2" TRAPPED WASTE THRU FLOOR.
- 2 DISH MACHINE (FURNISHED AND INSTALLED BY OTHERS), ROUGH-IN AND CONNECT FULL-SIZE TO COLD WATER CONNECTION, PIPE 5/8" SANITARY HOSE AND CONNECT TO DRAIN OF 3 COMPARTMENT SINK.
- 3 HAND SINK (FURNISHED AND INSTALLED BY OTHERS), ROUGH-IN AND CONNECT 1/2" CW & HW AND 1-1/2" TRAPPED DRAIN. TEMPERED HW IS TO BE SUPPLIED TO HW SIDE OF FAUCET FROM MV-1 (SEE DETAIL). CONNECT DRAIN TO 2" WASTE/VENT STACK IN WALL.
- 4 ICE/WATER DISPENSER WITH WATER FILTER (FURNISHED AND INSTALLED BY OTHERS). INSTALL BFP-1 IN 1/2" CW SUPPLY FROM WOB-1 TO ICE MACHINE. CONNECT TO ALL DRAIN OUTLETS. RUN FULL-SIZE AND TURN DOWN OVER FLOOR DRAIN, LEAVING AIR GAP.
- 5 THREE COMPARTMENT SINK (FURNISHED AND INSTALLED BY OTHERS). ROUGH-IN AND CONNECT 1/2" CW & HW. CONNECT 1-1/2" DRAIN TO EACH OF 3 SINK COMPARTMENTS AND CONNECT TO 2" HORIZONTAL HEADER AND CONNECT TO GREASE INTERCEPTOR.
- 6 1/2" TRAP PRIMER LINE FROM TP-1, RUN IN CRAWL SPACE AND CONNECT TO FLOOR DRAIN (SEE DETAIL).
- 7 PROVIDE AND INSTALL GREASE INTERCEPTOR, GI-1, ON FINISHED FLOOR BELOW SINK/TABLE. CONNECT SW PIPING AND TURN DOWN OVER FS-1, LEAVING AIR GAP.
- 8 CONDENSATE DRAIN RECEPTOR ABOVE CEILING. CONNECT TO SANITARY DRAIN OR VENT. SEE DETAIL.
- 9 VENT SINK WITH AIR ADMITTANCE VALVE.
- 10 1/2" TRAP PRIMER LINE FROM TP-2, RUN IN CRAWL SPACE AND CONNECT TO FLOOR SINK.
- 11 REMOVE PIPING STUBBED UP THRU FLOOR TO CRAWL SPACE AND CAP.

GENERAL NOTE:

- A. PROVIDE AND INSTALL BALL VALVES AT ALL DOMESTIC CW/HW TAKEOFFS IN ACCESSIBLE LOCATIONS. IF AN ACCESSIBLE LOCATION IS NOT POSSIBLE, PROVIDE AND INSTALL AN ACCESS DOOR.
- B. FIRE CAULK ALL PENETRATIONS INTO WATER ROOM.
- C. SANITARY WASTE AND VENT PIPING HORIZONTAL RUNS BELOW FLOOR IN SPACE BETWEEN FLOOR AND MUD SLAB.
- D. A PDI-WH201 CATEGORY A WATER HAMMER ARRESTOR



1 FIRST FLOOR PLUMBING - SANITARY
1/4" = 1'-0"



2 FIRST FLOOR PLUMBING - DOMESTIC
1/4" = 1'-0"



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AIR GAP FITTING SCHEDULE			
MARK	DESCRIPTION	MAKE & MODEL	SIZE
AGF-1	CAST IRON, FIXED AIR GAP FITTING WITH SLIP JOINT INLET	WADE 4490	1-1/2" INLET/2" OUTLET

ELECTRIC DRINKING FOUNTAIN SCHEDULE									
MARK	DESCRIPTION	MAKE & MODEL	ROUGH-IN SIZES			ELECTRICAL DATA			
			WATER	WASTE	VENT	F.L.A.	WATTS	VOLTAGE	PHASE
EDF-1	WALL-MOUNTED BOTTLE FILLING STATION, NON-REFRIGERATED, INTEGRAL MOUNTING FRAME, STAINLESS STEEL FINISH, ADA-COMPLIANT, PROVIDE WITH 51300C FILTER	ELKAY LZWSSM	1/2"	1-1/2"	1-1/2"	1	15	115	1

ELECTRIC WATER HEATER SCHEDULE						
MARK	MAKE AND MODEL NO.	STORAGE (GALLONS)	GPH RECOVERY @ 100 DEGREE RISE	ELECTRICAL CHARACTERISTICS		NOTES
				ELEMENTS	VOLTAGE/PHASE	
EWH-1	RHEEM ELD120-FTB	120	49	2 @ 6.05 KW - SEE NOTE 1.	208/1	1

NOTES: 1. FIELD MODIFY FOR NON-SIMULTANEOUS UPPER/LOWER ELEMENT WIRING.

MOP BASIN SCHEDULE								
MARK	DESCRIPTION	MAKE & MODEL		FEATURES & ACCESSORIES	ROUGH-IN SIZES			
		BASIN	MIXING FAUCET		CW	HW	WASTE	VENT
MB-1	24" x 24" x 10" DEEP, FLOOR-MOUNTED, MOLDED COMPOSITE	ZURN Z1996-24-BV-MH-WG	ZURN Z843M1-CS-FC1.5-RC-5H-WHK	MOP BASIN TO BE FURNISHED WITH PVC DRAIN BODY AND STAINLESS STEEL STRAINER, VINYL BUMPER GUARD, STAINLESS STEEL WALL GUARD PANEL, AND MOP HANGER. MIXING FAUCET TO BE FURNISHED WITH ROUGH CHROME FINISH, 1.5 GPM FLOW CONTROL, INTEGRAL VACUUM BREAKER, CHECK STOPS ON INLETS, PAIL HOOK, WALL BRACE, ZURN MODEL 5H 5 FT. VINYL HOSE AND MODEL WHK WALL HOOK	1/2"	1/2"	3"	2"

UTILITY BOX SCHEDULE						
MARK	DESCRIPTION	MAKE & MODEL	ROUGH-IN SIZES (INCHES)			
			CW	HW	WASTE	VENT
IMB-1	ICE MAKER BOX: FULLY-RECESSED, 20 GA. GALVANIZED STEEL BOX AND FACEPLATE, AND 1/2" WATER SUPPLY WITH QUARTER-TURN BALL VALVE	GUY GRAY BIM875QTSAB	1/2	N/A	N/A	N/A

TRAP PRIMER SCHEDULE					
MARK	DESCRIPTION	MAKE & MODEL	MINIMUM FLOW OR PRESSURE DROP FOR ACTIVATION	FEATURES & ACCESSORIES	CW INLET SIZE (INCHES)
TP-1	FIXTURE FLUSH VALVE TYPE	ZURN P6000-TPO	FIXTURE FLUSH	CHROME-PLATED COMPONENTS AND WALL FLANGE	1/2

BACKFLOW PREVENTER SCHEDULE							
MARK	DESCRIPTION	MAKE & MODEL	FEATURES & ACCESSORIES	SIZE	FLOW (GPM)	PRESSURE DROP (PSI)	APPLICATION
BFP-1	DUAL CHECK VALVES, LEAD-FREE, CAST COPPER BODY WITH UNION	WATTS LF7R	ASSE STANDARD 1024	1/2"	0.5	5	ICE MACHINE WATER SUPPLY

DOMESTIC WATER EXPANSION TANK SCHEDULE							
MARK	MAKE AND MODEL NO.	ASME CODE-CONSTRUCTION	TANK VOLUME (GALLONS)	ACCEPTANCE VOLUME (GALLONS)	MAXIMUM DESIGN PRESSURE (PSI)	MAXIMUM DESIGN TEMPERATURE (F)	COMMENTS
DWET-1	BELL & GOSSETT PTA-5	YES	3.5	2.5	150	140	1

1. TANK, BLADDER, AND ALL OTHER WETTED COMPONENTS SHALL BE APPROVED FOR USE IN POTABLE WATER SYSTEMS.

FLOOR DRAIN & FLOOR SINK SCHEDULE						
MARK	DESCRIPTION	MAKE & MODEL	FEATURES & ACCESSORIES	ROUGH-IN SIZES		
				CW (TRAP PRIMER)	WASTE	VENT
FD-1	FLOOR DRAIN: CAST IRON BODY WITH 7" DIAMETER NICKEL BRONZE STRAINER WITH RAISED FLANGE AND TRAP PRIMER CONNECTION ON DRAIN BODY OR ON DRAIN TAILPIECE	ZURN ZN-415I	TRAP PRIMER CONNECTION (OR FURNISH WITH ZURN Z1023 TRAP PRIMER CONNECTION ADAPTER)	1/2"	3"	2"
FD-2	FLOOR DRAIN: CAST IRON BODY WITH 7" DIAMETER NICKEL BRONZE STRAINER, STAINLESS STEEL SEDIMENT BUCKET AND TRAP SEAL DEVICE	ZURN ZN-415B	FURNISH WITH TRAP SEAL DEVICE EQUAL TO RECTORSEAL "SURESEAL" OR PROVENT SYSTEMS "TRAP GUARD" & STAINLESS STEEL SEDIMENT BUCKET	N/A	3"	2"
FS-1	FLOOR SINK: 8" SQUARE X 6" DEEP, CAST IRON BODY WITH PORCELAIN ENAMEL INTERIOR, 8-7/8" SQUARE, SLOTTED, PORCELAIN ENAMEL HALF-GRATE, A.R.C.ANTI-SPLASH INTERIOR BOTTOM DOME STRAINER (SEE FEATURES & ACCESSORIES)	ZURN Z-1910-K-2	WHITE A.R.C. ANTI-SPLASH INTERIOR BOTTOM DOME STRAINER	N/A	3"	2"

GREASE INTERCEPTOR SCHEDULE								
MARK	DESCRIPTION	MAKE & MODEL	FLOW RATE (GPM)	CAPACITY (GALS)	GREASE CAPACITY (LBS)	FEATURES & ACCESSORIES	PIPE CONNECTION SIZES	
							INLET	OUTLET
GI-1	FABRICATED STEEL WITH ACID-RESISTANT-COATED INTERIOR AND EXTERIOR	ZURN GT2701-20	20	15	40	INTERNAL AIR RELIEF BY-PASS, BRONZE CLEANOUT PLUG, REMOVABLE PRESSURE EQUALIZING/FLOW DIFFUSING INLET BAFFLE, FIXED BOTTOM OUTLET BAFFLE, AND VISIBLE DOUBLE WALL TRAP SEAL. GASKETED, NON-SKID, SECURED COVER WITH CENTER TIE-DOWN ASSEMBLY, WITH EXTERNAL FLOW CONTROL FITTING	3"	3"



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DBES Job #: 24-004

P601
PLUMBING
SCHEDULES



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LAVATORY SCHEDULE

MARK	DESCRIPTION	MAKE & MODEL						FEATURES & ACCESSORIES	ROUGH-IN SIZES				COMMENTS
		LAVATORY	FAUCET	SUPPLIES	DRAIN	TRAP	CARRIER		CW	HW	WASTE	VENT	
L-1	WALL-MOUNTED, VITREOUS CHINA, 19" X 17" X 6-3/8" DEEP, 0.5 GPM BATTERY-POWERED ELECTRONIC FAUCET, GRID DRAIN, LESS POP-UP HOLE, ADA-COMPLIANT	ZURN Z5350	ZURN Z6915-XL	ZURN ZH-8804-XL-LR-PC-CE	Z8746-PC	ZURN Z8700-PC-B-CE	ZURN Z1231	ZURN Z8946-3-NT SUPPLY STOP AND OFFSET DRAIN PROTECTORS. FURNISH AND INSTALL BATTERIES FOR ELECTRONIC FAUCET.	1/2"	1/2"	2"	2"	1

1. TEMPERED HOT WATER TO BE SUPPLIED FROM THERMOSTATIC MIXING VALVE (MV-1).

MIXING VALVE SCHEDULE

MARK	DESCRIPTION	MAKE & MODEL	MINIMUM FLOW FOR ACTIVATION (GPM)	FLOW	PRESSURE DROP (PSI)	APPLICATION	FEATURES & ACCESSORIES
MV-1	ASSE 1070, POINT-OF-USE, LEAD-FREE, THERMOSTATIC MIXING VALVE	LEONARD 170-LF	0.25	2.0	7.5	POINT-OF-USE, SERVING SINGLE TEMPERATURE FAUCET	CHECK STOPS ON INLETS, LOCKING TEMPERATURE REGULATOR, ADJUSTABLE HIGH TEMPERATURE LIMIT STOP, DIAL THERMOMETER, COLD WATER BYPASS, ROUGH BRONZE FINISH, WITH STAINLESS STEEL
MV-2	ASSE 1070, POINT-OF-USE, LEAD-FREE, THERMOSTATIC MIXING VALVE WITH COLD WATER BYPASS	LEONARD 170-LF-BF	0.25	2.0	7.5	POINT-OF-USE, SERVING MANUAL CW & HW FAUCETS	CHECK STOPS ON INLETS, LOCKING TEMPERATURE REGULATOR, ADJUSTABLE HIGH TEMPERATURE LIMIT STOP, DIAL THERMOMETER, COLD WATER BYPASS, AND ROUGH BRONZE FINISH
MV-3	ASSE 1017, LEAD-FREE, THERMOSTATIC MASTER MIXING VALVE	LEONARD TM-186-32A-LF-STSTL EXP	1	20.0	15	MASTER MIXER AT WATER HEATER	ROUGH BRONZE FINISH, COMBINATION CHECKSTOPS, WALL SUPPORT, LOCKING TEMPERATURE REGULATING HANDLE, TEMPERATURE ADJUSTMENT, COLOR-CODED DIAL THERMOMETER, AND STAINLESS STEEL, SURFACE-MOUNTED (EXPOSED) CABINET WITH CYLINDER LOCK

DOMESTIC HOT WATER RECIRCULATING PUMP SCHEDULE

MARK	MAKE & MODEL	RPM	FLOW RATE (GPM)	HEAD (FT)	ELECTRICAL CHARACTERISTICS			FEATURES & ACCESSORIES
					HP	VOLTAGE	PHASE	
RP-1	TACO 006	3250	2	7	1/40	120	1/8	LOW-LEAD, BRONZE CONSTRUCTION. INTEGRAL CHECK VALVE. FURNISH WITH AQUASTAT

SINK SCHEDULE

MARK	DESCRIPTION	OVERALL SINK DIMENSIONS (INCHES)			MAKE & MODEL					ACCESSORIES	ROUGH-IN SIZES				COMMENTS
		LENGTH	WIDTH	BOWL DEPTH	SINK	FAUCET	SUPPLIES/STOPS	DRAIN	TRAP		CW	HW	WASTE	VENT	
S-1	COUNTER-MOUNTED, (SELF-RIMMING), SINGLE COMPARTMENT, 18 GA., TYPE 304 STAINLESS STEEL SINK, WITH 1.5 GPM MANUAL GOOSENECK FAUCET WITH SINGLE HANDLE CONTROL AND PULL DOWN SPRAY HEAD	17	20	7-1/2	ELKAY LR1720	KOHLER K22972	ZURN Z8804-XL-LR-PC-CE	ELKAY LK35	ZURN Z8702-PC-B-CE	NONE	1/2"	1/2"	2"	2"	1,2

1. TEMPERED HOT WATER TO BE SUPPLIED FROM THERMOSTATIC MIXING VALVE (MV-2).

2. PROVIDE WITH AIR ADMITTANCE VALVE.

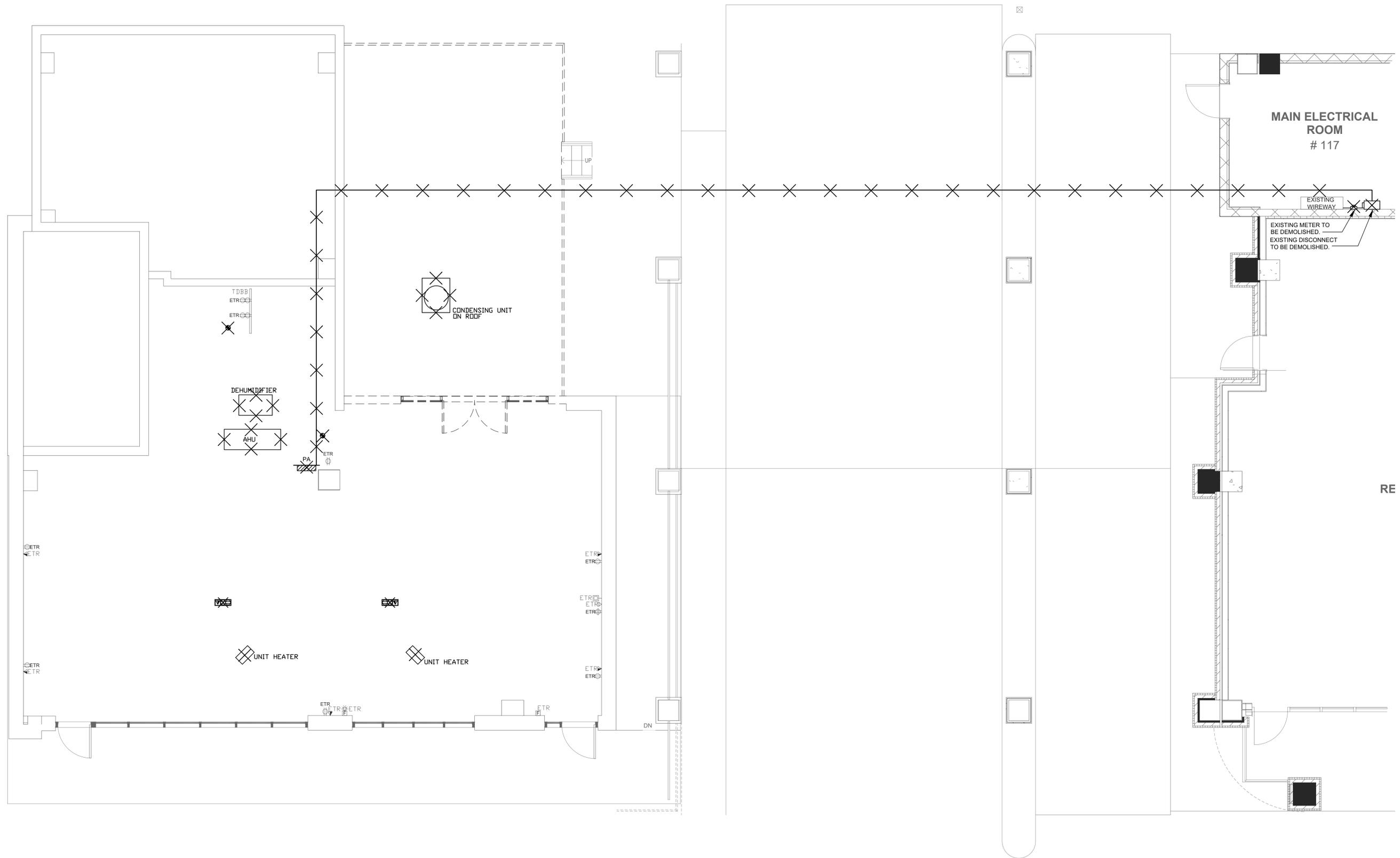
WATER CLOSET SCHEDULE

MARK	DESCRIPTION	MAKE & MODEL				FEATURES & ACCESSORIES	ROUGH-IN SIZES			COMMENTS
		WATER CLOSET	SEAT	FLUSH VALVE/SUPPLY	CARRIER		WATER	WASTE	VENT	
WC-1	FLOOR-MOUNTED, VITREOUS CHINA, ELONGATED BOWL, 1.6 GPF, BATTERY-POWERED ELECTRONIC FLUSH VALVE, ADA-COMPLIANT	ZURN Z5665	ZURN Z5955SS-EL-ST5	ZURN ZER6000AV-CPM-WS1	N/A	FLUSH VALVE TO BE FURNISHED WITH MECHANICAL OVERRIDE FLUSH BUTTON AND BATTERIES. FURNISH WITH ZURN Z5972-COMB CLOSET BOLT/WAX RING KIT	1"	4"	3"	



09/12/2024

09/12/2024



RE



9/12/2024

**CONSTRUCTION
DOCUMENTS**
WBA # 21-059

NO.	DESCRIPTION	DATE

1
ED100 **DEMOLITION PLAN**
Scale: 1/4" = 1'-0"

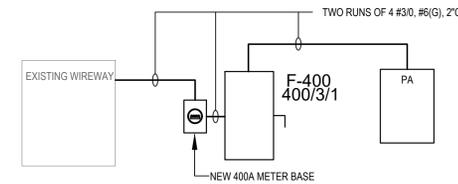
ELECTRICAL LEGEND																												
GENERAL NOTES	CONDUIT AND WIRING																											
<p>1. ALL EQUIPMENT AND DEVICES ARE TO BE FLUSH MOUNTED UNLESS OTHERWISE NOTED.</p> <p>2. DEVICES NOTED AS "GFI" SHALL BE GROUND FAULT CIRCUIT INTERRUPTING DEVICES.</p> <p>3. PROVIDE UNSWITCHED POWER TO EMERGENCY BATTERY PACKS.</p> <p>4. "W/E" INDICATES DEVICE/DISCONNECT PROVIDED WITH THE EQUIPMENT BY OTHERS.</p> <p>5. "BLC" INDICATES MOUNTED BELOW COUNTER TOP.</p> <p>LUMINAIRES (See Light Fixture Schedule)</p> <p>NOTE: THE NUMBER INSIDE THE CIRCLE IS THE CIRCUIT NUMBER, THE LETTER BESIDE THE SYMBOL IS THE FIXTURE TYPE DESCRIBED IN THE LIGHT FIXTURE SCHEDULE.</p>	<p>CONDUCTORS IN CONDUIT CONCEALED WITHIN WALL OR CEILING. TIC MARKS INDICATE NUMBER OF CONDUCTORS. THE EQUIPMENT GROUNDING CONDUCTOR IS NOT SHOWN, BUT SHALL BE PROVIDED. SIZE THE EQUIPMENT GROUNDING CONDUCTOR AND THE CONDUIT PER THE NEC. THE ABSENCE OF TIC MARKS SIGNIFIES THAT TWO CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED. FOR EXAMPLE, THE MARKINGS TO THE LEFT SIGNIFY THAT THREE CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED.</p> <p>THE TEXT INSIDE THE ARC INDICATES THE AWG SIZE OF THE CONDUCTORS THAT SHALL BE RUN IN THE CONDUIT. THE ABSENCE OF TEXT SIGNIFIES THAT THE CONDUCTORS SHOULD BE #12 AWG.</p> <p>CIRCUITRY RUN IN STRAIGHT LINE SEGMENTS SIGNIFIES EXPOSED SURFACE-MOUNTED RACEWAY (SEE SPECIFICATIONS).</p> <p>CONDUCTORS IN CONDUIT CONCEALED BELOW GRADE OR FLOOR. TIC MARKS INDICATE NUMBER OF CONDUCTORS. THE EQUIPMENT GROUNDING CONDUCTOR IS NOT SHOWN, BUT SHALL BE PROVIDED. SIZE THE EQUIPMENT GROUNDING CONDUCTOR AND THE CONDUIT PER THE NEC. THE ABSENCE OF TIC MARKS SIGNIFIES THAT TWO CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED. THE MARKINGS TO THE LEFT SIGNIFY THAT THREE CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED.</p>																											
<p>2'X2' RECESSED FIXTURE.</p> <p>2'X2' RECESSED EMERGENCY FIXTURE.</p> <p>WALL MOUNTED EXIT SIGN. PROVIDE CHEVRONS AS INDICATED BY ARROWS.</p>	<p>HOMERUN TO PANELBOARD. ARC DENOTES CONCEALED CIRCUITRY. TEXT DENOTES PANELBOARD NAME WITH CIRCUIT NUMBER. DEVICES HAVING CIRCUIT NUMBERS LOCATED BESIDE THEM MAY NOT SHOW THE CIRCUIT NUMBERS AT THE HOMERUN ARROWS.</p> <p>PARTIAL HOMERUN TO PANELBOARD. COMBINE ALL PARTIAL HOMERUNS THAT ARE ON THE SAME CIRCUIT IN A JUNCTION BOX PRIOR TO ENTERING THE PANELBOARD.</p> <p>LOW VOLTAGE CONDUCTORS USED FOR MOTION DETECTOR CIRCUITRY. SEE MANUFACTURER'S RECOMMENDATIONS FOR CONDUCTOR REQUIREMENTS.</p>																											
SWITCHES	GEAR																											
<p>SINGLE-POLE, SINGLE-THROW SWITCH. MOUNT CENTERLINE OF BOX AT 45"A.F.F. UNLESS NOTED OTHERWISE.</p> <p>THREE-WAY SWITCH. MOUNT CENTERLINE OF BOX AT 45"A.F.F. UNLESS NOTED OTHERWISE.</p> <p>FOUR-WAY SWITCH. MOUNT CENTERLINE OF BOX AT 45"A.F.F. UNLESS NOTED OTHERWISE.</p> <p>LED DIMMER EQUAL TO LEVITON #P710-LFZ MOUNT CENTERLINE OF BOX AT 45"A.F.F. UNLESS NOTED OTHERWISE.</p> <p>AUTOMATIC WALL SWITCH. SENSORSWITCH #WSXA-PDT OR APPROVED EQUAL. MOUNT CENTERLINE OF BOX AT 45" A.F.F. UNLESS NOTED OTHERWISE.</p> <p>DUAL TECHNOLOGY, DUAL RELAY WALL SWITCH. SENSORSWITCH #WSXA-PDT-2P OR APPROVED EQUAL. MOUNT CENTERLINE OF BOX AT 45" A.F.F. UNLESS NOTED OTHERWISE.</p> <p>PASSIVE INFRARED AND ULTRASONIC DUAL TECHNOLOGY OCCUPANCY SENSOR WITH A 12' RADIAL COVERAGE. CEILING MOUNTED. SENSORSWITCH #CM-PDT-9 OR APPROVED EQUAL.</p> <p>PASSIVE INFRARED AND ULTRASONIC DUAL TECHNOLOGY OCCUPANCY SENSOR WITH A 28' RADIAL COVERAGE. CEILING MOUNTED. SENSORSWITCH #CM-PDT-10 OR APPROVED EQUAL.</p> <p>POWER PACK MOUNTED ABOVE CEILING. SENSORSWITCH #PP20 OR APPROVED EQUAL.</p>	<p>PANELBOARD.</p>																											
VOLTAGE DROP CHART FOR 20A, 1Ø CIRCUITS	RECEPTACLES																											
<table border="1"> <thead> <tr> <th>Voltage</th> <th>Circuit Length</th> <th>Conductor Size (AWG)</th> </tr> </thead> <tbody> <tr> <td>120</td> <td>< 50'</td> <td>#12</td> </tr> <tr> <td>120</td> <td>> 50'</td> <td>#10</td> </tr> <tr> <td>120</td> <td>> 90'</td> <td>#8</td> </tr> <tr> <td>120</td> <td>> 140'</td> <td>#6</td> </tr> <tr> <td>277</td> <td>< 130'</td> <td>#12</td> </tr> <tr> <td>277</td> <td>> 130'</td> <td>#10</td> </tr> <tr> <td>277</td> <td>> 200'</td> <td>#8</td> </tr> <tr> <td>277</td> <td>> 330'</td> <td>#6</td> </tr> </tbody> </table> <p>VOLTAGE DROP CHART NOTES:</p> <p>1) CIRCUIT SIZES INDICATED ON THE DRAWINGS ARE MINIMUM REQUIREMENTS. REFER TO THIS CHART FOR UPSIZING CONDUCTORS AS NEEDED.</p> <p>2) DO NOT CONNECT CONDUCTORS LARGER THAN #10 DIRECTLY TO A RECEPTACLE OR A SWITCH. PROVIDE A JUNCTION BOX TO DOWNSIZE THE CONDUCTOR TO #12 AT THE DEVICE.</p> <p>3) FOR CIRCUITS LONGER THAN THOSE LISTED ABOVE, CONSULT WITH THE ENGINEER FOR CONDUCTOR SIZES.</p>	Voltage	Circuit Length	Conductor Size (AWG)	120	< 50'	#12	120	> 50'	#10	120	> 90'	#8	120	> 140'	#6	277	< 130'	#12	277	> 130'	#10	277	> 200'	#8	277	> 330'	#6	<p>DUPLEX RECEPTACLE, NEMA 5-20R, MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.</p> <p>DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R, ONE COVER PLATE, MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.</p> <p>DUPLEX RECEPTACLE, NEMA 5-20R, MOUNTED WITH BOTTOM OF BOX 2" ABOVE COUNTER BACKSPASH. WHERE THERE IS NO BACKSPASH MOUNT 6" ABOVE COUNTER. WHERE RECEPTACLE IS SHOWN IN AN AREA WITH NO COUNTER, MOUNT 45"A.F.F. TO CENTERLINE OF BOX.</p> <p>DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R, MOUNTED IN A FLOOR BOX.</p>
Voltage	Circuit Length	Conductor Size (AWG)																										
120	< 50'	#12																										
120	> 50'	#10																										
120	> 90'	#8																										
120	> 140'	#6																										
277	< 130'	#12																										
277	> 130'	#10																										
277	> 200'	#8																										
277	> 330'	#6																										
COMMUNICATIONS	FIRE ALARM SYSTEM																											
<p>COMBINATION TELEPHONE/DATA OUTLET MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.</p> <p>DATA OUTLET MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.</p> <p>DATA OUTLET MOUNTED WITH BOTTOM OF BOX 2" ABOVE COUNTER BACKSPASH. WHERE THERE IS NO BACKSPASH MOUNT 6" ABOVE COUNTER. WHERE TELEPHONE/DATA OUTLET IS SHOWN IN AN AREA WITH NO COUNTER, MOUNT 45" A.F.F. TO CENTERLINE OF BOX.</p>	<p>MANUAL PULL STATION. MOUNT 48"A.F.F. TO CENTERLINE OF BOX.</p> <p>COMBINATION HORN AND STROBE. MOUNT 80"A.F.F. TO BOTTOM OF BOX.</p> <p>SMOKE DETECTOR.</p> <p>THERMAL DETECTOR.</p> <p>FIRE ALARM CONTROL PANEL. CIRCUIT BREAKER SHALL BE COLORED RED.</p>																											

LIGHTING FIXTURE SCHEDULE

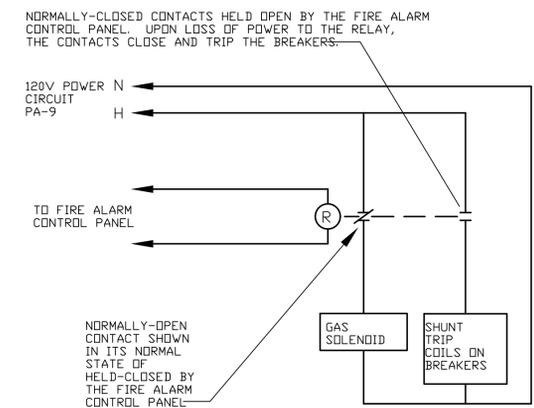
TYPE	MANUFACTURER	PART NUMBER	LAMPS	MOUNTING	REMARKS
A	LITHONIA	CPX-2X2-AL07-80CRI-SW7-SWL-MVOLT	LED, 32.8W 4557 LUMENS	RECESSED	
AE	LITHONIA	CPX-2X2-AL07-80CRI-SW7-SWL-MVOLT E10WLCP	LED, 32.8W 4557 LUMENS	RECESSED	--WITH EMERGENCY BATTERY PACK.
X	LITHONIA	LQM-S-W-3-G-MVOLT-ELN	LED	WALL/ CEILING	--WITH EMERGENCY BATTERY PACK.

GENERAL LIGHTING NOTES:
1. ALL LIGHT FIXTURE WITH SELECTABLE COLOR TEMPERATURE SHALL BE SET TO 4000 KELVIN UNLESS NOTED OTHERWISE.

EXISTING PANEL LOCATION: ELECTRICAL ROOM		LUG LOCATION: TOP FEED		PANELBOARD AIC RATING (A): 10,000						
VOLT: 208Y/120V, 3Ø, 4W		MAIN BUS: RECESSED								
BUS: 400A		MOUNTING: RECESSED								
CIRCUIT NO.	BREAKER	POLES	DESCRIPTION	PHASE LOAD (KVA)			DESCRIPTION	BREAKER		CIRCUIT NO.
				A	B	C		AMPS	POLES	
1	20	1	LTS - PANTRY, KITCHEN CONFERENCE	0.9	0.2		REC - VEST (AT PANEL)	20	1	2
3	*20	1	REC - KITCHEN		0.4	0.4	REC - KITCHEN ISLAND	*20	1	4
5	*20	1	REC - KITCHEN			0.4	REC - KITCHEN ISLAND	*20	1	6
7	*20	1	REC - KITCHEN	0.4	0.4		REC - KITCHEN ISLAND	*20	1	8
9	20	1	FIRE SUPPRESSION SYSTEM		0.0	0.4	REC - KITCHEN ISLAND	*20	1	10
11	15	1	RP-1			0.1	REC - KITCHEN ISLAND	*20	1	12
13	80	2	WH-1	6.1	1.4		ITEM #6 - REACH-IN FREEZER	20	1	14
15	-	-	-		6.1	0.8	ITEM #7a - REACH-IN REFRIGERATOR	20	1	16
17	20	1	SPARE			0.0	ITEM #7b - REACH-IN REFRIGERATOR	20	1	18
19	35	2	HP-1	2.4	1.4		ITEM #8 - ICE & WATER DISPENSER	20	1	20
21	-	-	-		2.4	3.2	ITEM #12 - U/C DISH MACHINE	50	2	22
23	20	2	HP-2			1.4	REC - JANITOR CONFERENCE	-	-	24
25	-	-	-	1.4	0.9		REC - CONFERENCE	20	1	28
27	15	2	ACU-1		0.7	0.2	REC - CONFERENCE	20	1	30
29	-	-	-			0.7	ITEM #1b - RANGE	40	2	32
31	15	2	ACU-2	0.4	5.2		-	-	-	34
33	-	-	-		0.4	5.2	SHUNT TRIP	-	-	36
35	40	2	ITEM #1a - RANGE			5.2	ITEM #1c - RANGE	40	2	38
37	-	-	-	5.2	5.2		-	-	-	40
39	-	-	SHUNT TRIP		0.0	0.0	-	-	-	42
41	20	1	SPARE			0.0	SHUNT TRIP	-	-	
TOTAL			*GFCI BREAKER	31.3	20.1	12.7				



1 ONE LINE DIAGRAM
Scale: NONE



2 EQUIPMENT SHUTDOWN DETAIL FOR FIRE SUPPRESSION SYSTEM
Scale: NONE

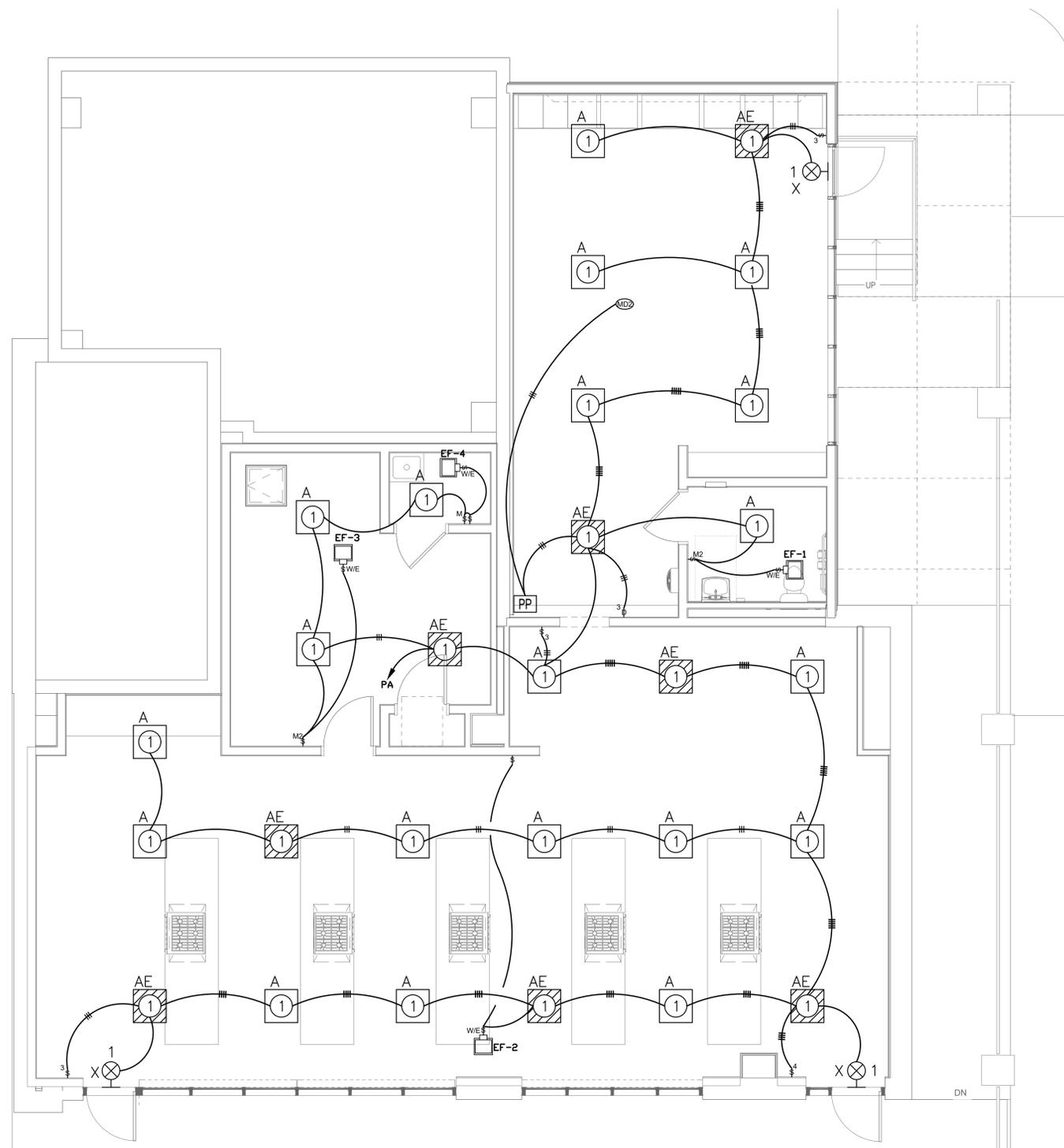
NOTE:
PROVIDE A SUPERVISED CIRCUIT FROM THE FIRE ALARM PANEL TO MONITOR THE VENT HOOD FIRE SUPPRESSION SYSTEM. UPON AN ALARM CONDITION OF THE FIRE ALARM SYSTEM, THE FIRE ALARM SYSTEM SHALL CAUSE THE SHUNT TRIP BREAKERS TO TRIP ALL ELECTRICAL APPLIANCES UNDER THE HOOD, AND ON THE SUPPLY AND EXHAUST FANS IN THE HOOD. SOME HOODS ARE UL LISTED TO OPERATE WITH THE EXHAUST FAN RUNNING IN THE ALARM CONDITION. VERIFY THAT THIS IS NOT THE CASE BEFORE CIRCUITING THIS UNIT TO SHUNT TRIP THE EXHAUST FAN BREAKER. THE FIRE ALARM PANEL SHALL ALSO PROVIDE POWER TO A RELAY THAT IN TURN HOLDS THE GAS SOLENOID VALVE, FURNISHED BY THE MECHANICAL CONTRACTOR, OPEN UNDER NORMAL CONDITIONS. AN ALARM CONDITION OF THE FIRE ALARM SYSTEM SHALL RELEASE THE POWER TO THIS SOLENOID CAUSING THE GAS TO THE EQUIPMENT UNDER THE VENT HOOD TO SHUT OFF. SEE DETAIL ON THIS SHEET.



9/12/2024

CONSTRUCTION DOCUMENTS
WBA # 21-059

NO.	DESCRIPTION	DATE



1
E100 LIGHTING PLAN
Scale: 1/4" = 1'-0"



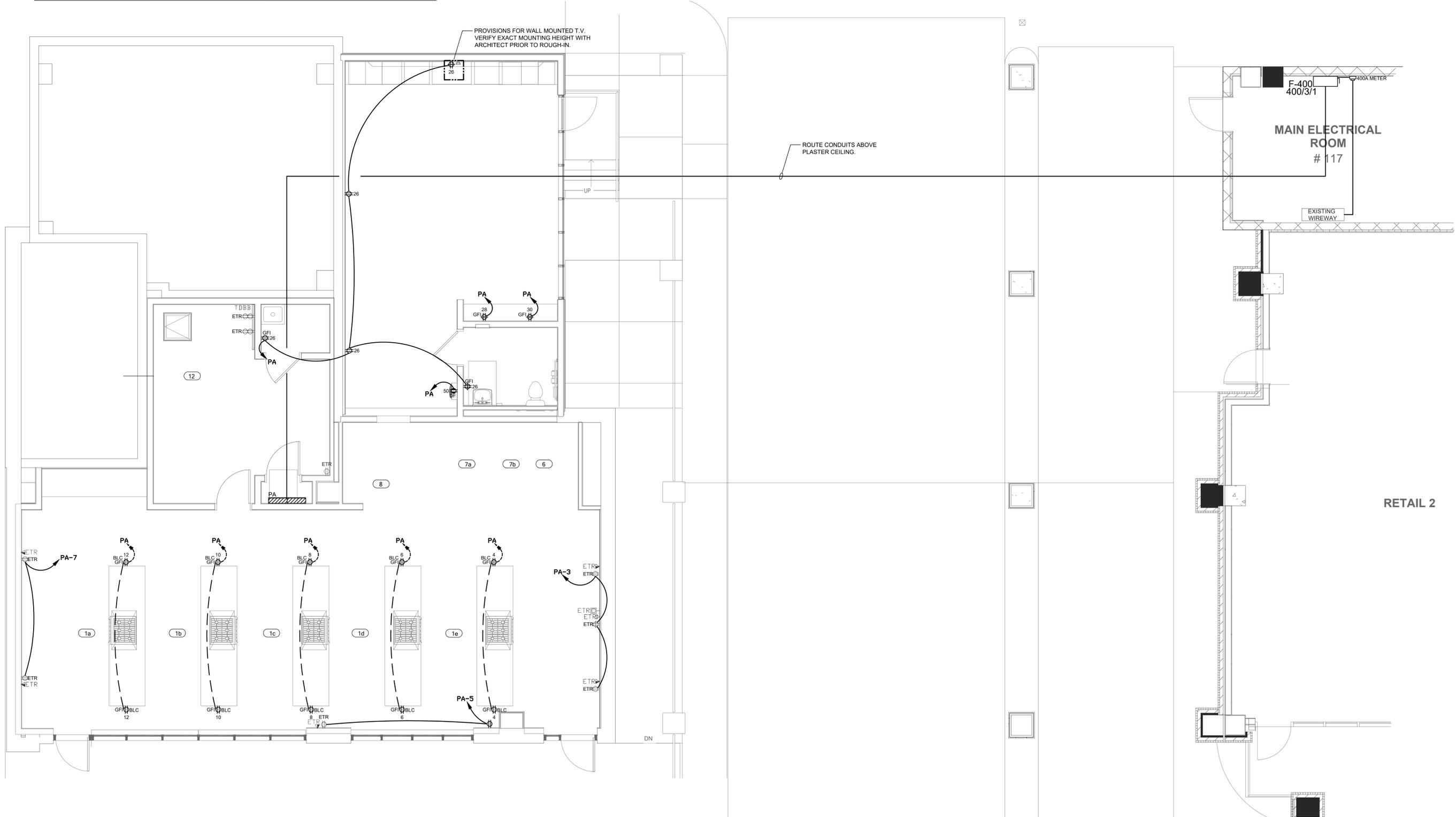
9/12/2024

**CONSTRUCTION
DOCUMENTS**
WBA # 21-059

REVISIONS
NO. DESCRIPTION DATE

KITCHEN EQUIPMENT SCHEDULE						
MARK	DESCRIPTION	VOLTAGE	PANEL	CIRCUITRY	LOCAL DISCONNECT	REMARKS
1a	RANGE	208V, 1Ø	PA-35,37	3Ø4, #8(G), 1-1/4" C.	14-50R	1'-6" A.F.F.
1b	RANGE	208V, 1Ø	PA-32,34	3Ø4, #8(G), 1-1/4" C.	14-50R	1'-6" A.F.F.
1c	RANGE	208V, 1Ø	PA-38,40	3Ø4, #8(G), 1-1/4" C.	14-50R	1'-6" A.F.F.
1d	RANGE	208V, 1Ø	PA-43,45	3Ø4, #8(G), 1-1/4" C.	14-50R	1'-6" A.F.F.
1e	RANGE	208V, 1Ø	PA-44,46	3Ø4, #8(G), 1-1/4" C.	14-50R	1'-6" A.F.F.
6	REACH-IN FREEZER	120V, 1Ø	PA-14	2#12, #12(G), 3/4" C.	5-20R	4" A.F.F.
7a	REACH-IN REFRIGERATOR	120V, 1Ø	PA-16	2#12, #12(G), 3/4" C.	5-20R	4" A.F.F.
7b	REACH-IN REFRIGERATOR	120V, 1Ø	PA-18	2#12, #12(G), 3/4" C.	5-20R	4" A.F.F.
8	ICE&WATER DISPENSER	120V, 1Ø	PA-20	2#12, #12(G), 3/4" C.	20" I	4" A.F.F.
12	U/C DISH MACHINE	208V, 1Ø	PA-22,24	2#6, #10(G), 3/4" C.	6-50R	1'-6" A.F.F.

General Note 1: Prior to submitting electrical equipment brochures, the Contractor shall verify actual equipment submittal data and adjust equipment services accordingly.



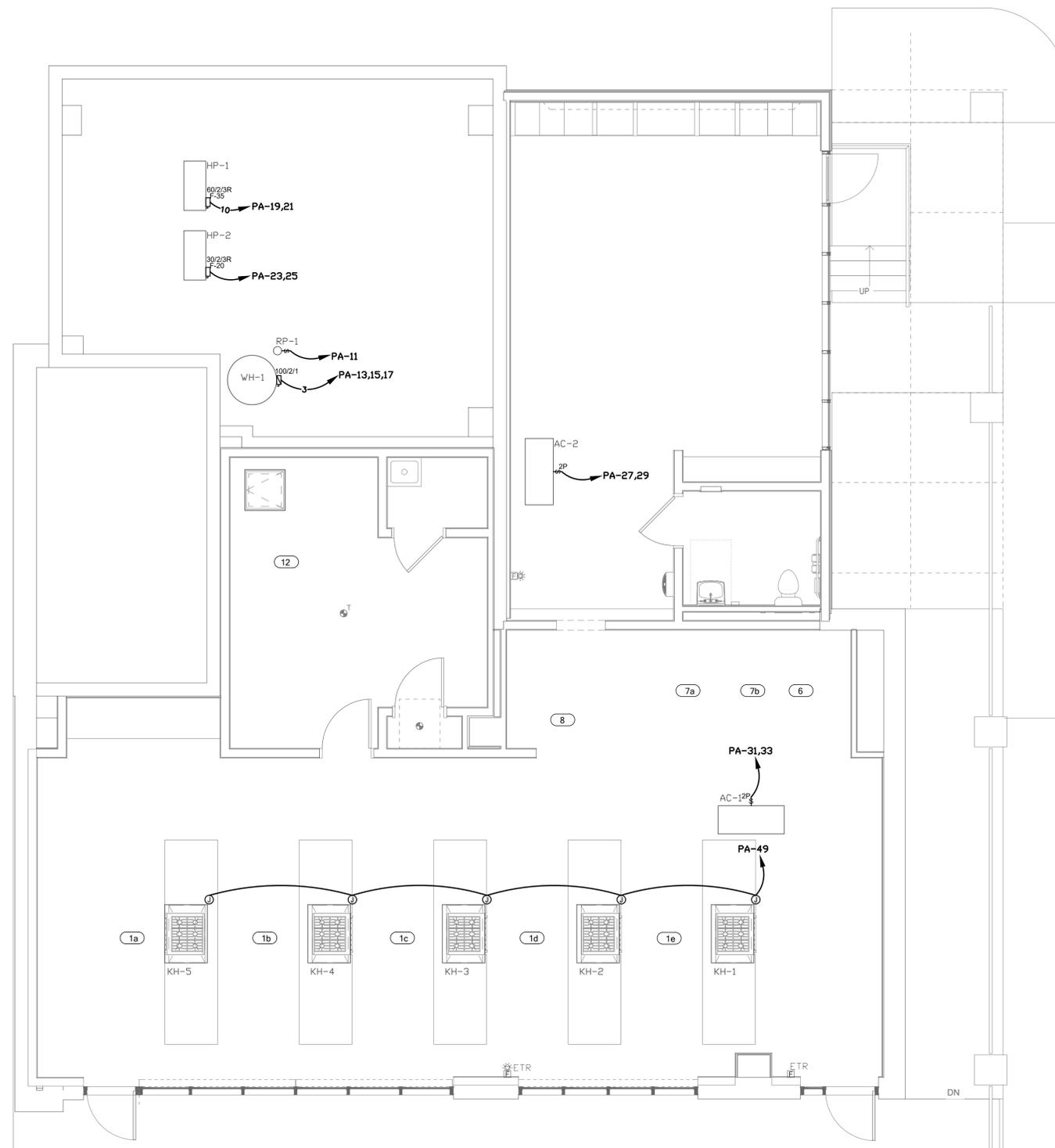
1 POWER PLAN
E200 Scale: 1/4" = 1'-0"



9/12/2024

CONSTRUCTION DOCUMENTS
WBA # 21-059

REVISIONS		
NO.	DESCRIPTION	DATE



1
E300 **MECHANICAL/AUXILIARY PLAN**
Scale: 1/4" = 1'-0"



9/12/2024

**CONSTRUCTION
DOCUMENTS**
WBA # 21-059

REVISIONS
NO. DESCRIPTION DATE



H&R

5020 Arundel Road
Meridian, MS 39307
P-601-482-7127
www.singerequipment.com

FOOD SERVICE EQUIPMENT AND UTILTY SCHEDULE

ITEM #	QTY.	DESCRIPTION	FURNISHED BY	C.W. SIZE	C.W. HEIGHT	H.W. SIZE	H.W. HEIGHT	WASTE SIZE	WASTE HEIGHT	WASTE TYPE	GAS SIZE	GAS INPUT	VOLTS	Ø	AMPS	HP	PLUG TYPE	ELEC. HEIGHT	ITEM #
1	5	RANGE	GC										120 V	1	4 A		6-20P	1'-6"	1
2	5	SINK	GC	1/2"	1'-6"	1/2"	1'-6"												2
3	4	DRY STORAGE SHELVING	FSEC																3
4	3	WIRE SECURITY CAGE	FSEC																4
5	2	UTILITY CART	FSEC																5
6	1	REACH-IN FREEZER	FSEC										120 V	1	11 A	1/2	5-20P	4'-0"	6
7	2	REACH-IN REFRIGERATOR	FSEC										120 V	1	7 A	1/2	5-20P	4'-0"	7
8	1	ICE & WATER DISPENSER	FSEC	3/8"				1"	0"	FS			120 V	1	11 A		DIRECT	4'-0"	8
8.1	1	WATER FILTER	FSEC	3/8"	5'-6"														8.1
9	1	HAND SINK	FSEC	1/2"	1'-8"	1/2"	1'-8"	2"	1'-6"										9
10	1	THREE COMP SINK	FSEC							FS									10
10.1	2	FAUCET	FSEC	1/2"	1'-6"	1/2"	1'-6"												10.1
11	1	SMART WALL DRYING RACK	FSEC																11
12	1	U/C DISH MACHINE	FSEC			3/4"	1'-6"			FS			208 V	1	31 A		6-50P	1'-6"	12
13	1	WIRE SHELVING	FSEC																13
14	1	MOP SINK	GC					2"	0"										14
14.1	1	SERVICE FAUCET	FSEC	1/2"	3'-0"	1/2"	3'-0"												14.1
15	1	CHEMICAL STORAGE SHELF	FSEC																15
16	2	WIRE SECURITY CAGE	FSEC																16

REVISION

DATE

THE DESIGNS & DETAILS ON THE DRAWING ARE FOR THE USE ON THIS PROJECT AND ONLY FOR FOOD SERVICE EQUIPMENT. ALL PLUMBING & ELECTRICAL DRAWINGS CONTAINED HEREIN, ARE INTENDED AS REFERENCE ONLY FOR THE EQUIPMENT NEEDS. SINGER H&R ASSUMES NO RESPONSIBILITY FOR ANY CHANGES MADE NECESSARY BY THE LOCAL BUILDING CODES, ORDINANCES, OR STRUCTURAL CONDITIONS. THESE PLANS ARE THE PROPERTY OF SINGER H&R AND MAY NOT BE REPRODUCED, USED BY, OR DISCLOSED TO ANYONE WITHOUT THE WRITTEN PERMISSION OF SINGER H&R.

**FOOD SERVICE EQUIPMENT
UMMC TEACHING KITCHEN
JACKSON, MS**

FOOD SERVICE SHEET LIST

SHEET NUMBER	SHEET NAME
FS-1	EQUIPMENT SCHEDULE
FS-2	FLOOR PLAN
FS-3	PLUMBING PLAN
FS-4	ELECTRICAL PLAN
FS-5	SPECIAL CONDITIONS PLAN
FS-6	ELEVATIONS & PERSPECTIVE
FS-7	PERSPECTIVE VIEWS

Date: Issue Date

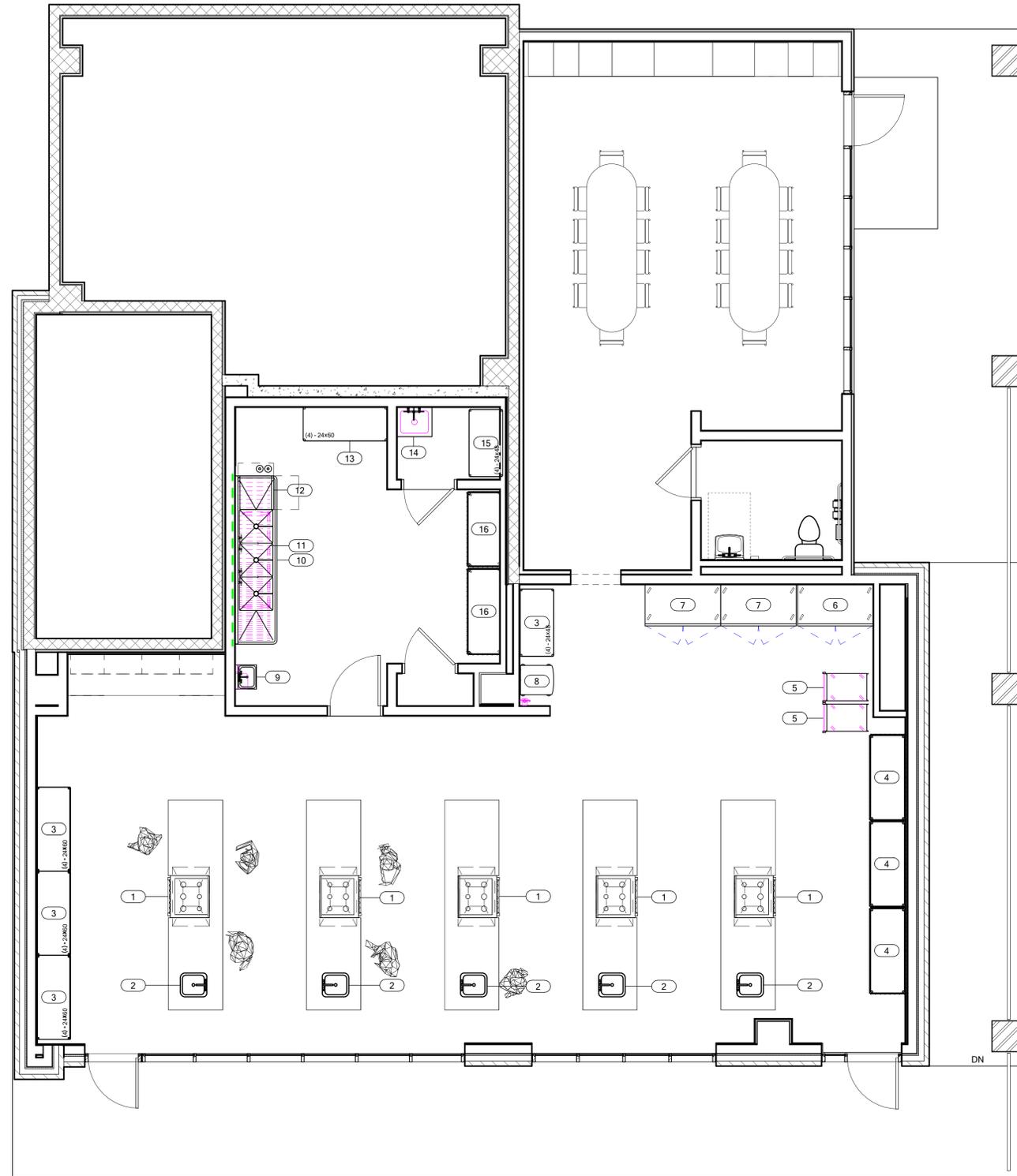
Drawn: Author

EQUIPMENT SCHEDULE

FS-1

Scale

ITEM #	QTY.	DESCRIPTION	Furnished By
1	5	RANGE	GC
2	5	SINK	GC
3	4	DRY STORAGE SHELVING	FSEC
4	3	WIRE SECURITY CAGE	FSEC
5	2	UTILITY CART	FSEC
6	1	REACH-IN FREEZER	FSEC
7	2	REACH-IN REFRIGERATOR	FSEC
8	1	ICE & WATER DISPENSER	FSEC
8.1	1	WATER FILTER	FSEC
9	1	HAND SINK	FSEC
10	1	THREE COMP SINK	FSEC
10.1	2	FAUCET	FSEC
11	1	SMART WALL DRYING RACK	FSEC
12	1	U/C DISH MACHINE	FSEC
13	1	WIRE SHELVING	FSEC
14	1	MOP SINK	GC
14.1	1	SERVICE FAUCET	FSEC
15	1	CHEMICAL STORAGE SHELF	FSEC
16	2	WIRE SECURITY CAGE	FSEC



1 Floor Plan
1/4" = 1'-0"

REVISION

DATE

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FOOD SERVICE EQUIPMENT
UMMC TEACHING KITCHEN
JACKSON, MS

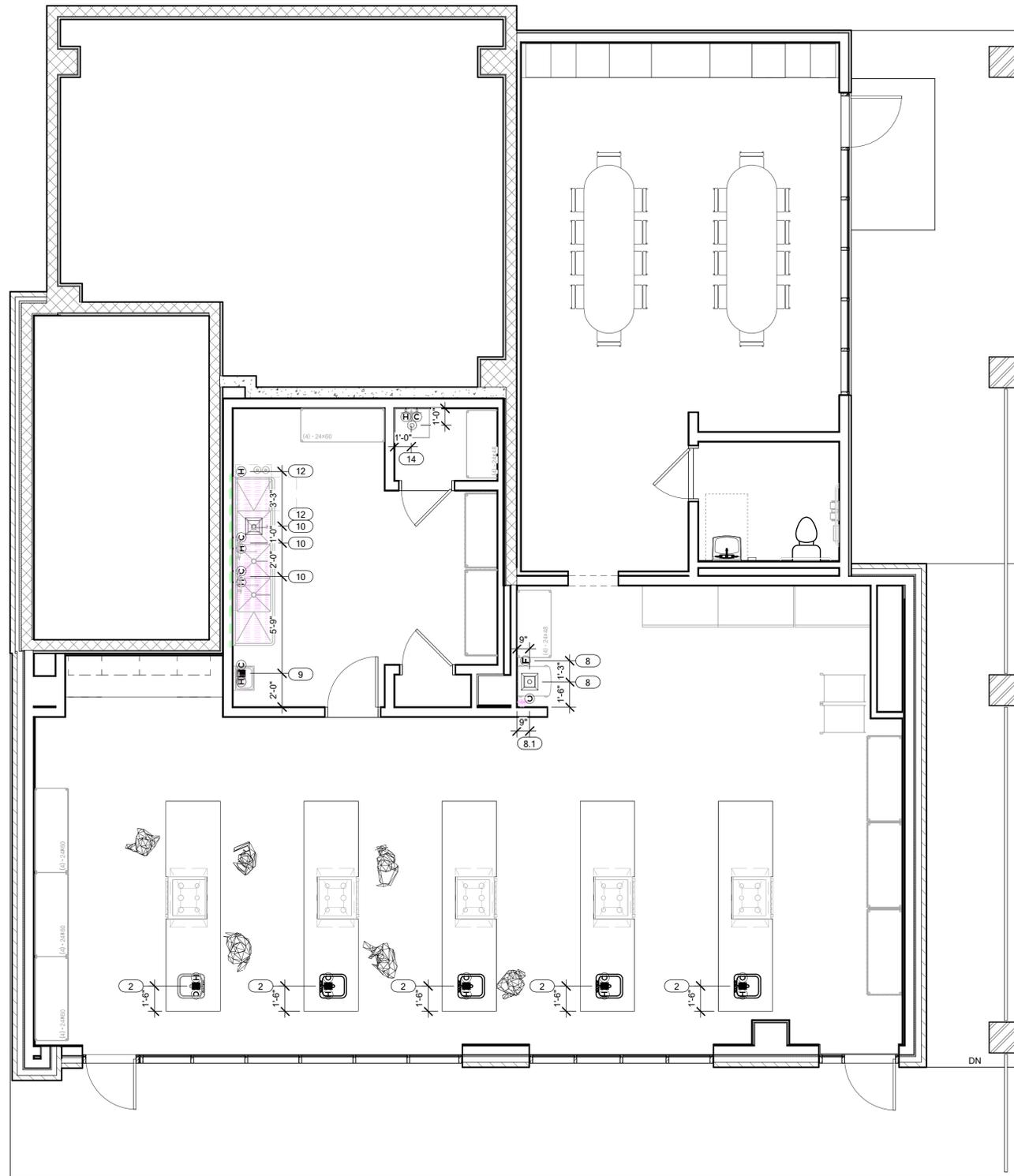
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FLOOR PLAN

FS-2
Scale 1/4" = 1'-0"

FOOD SERVICE EQUIPMENT PLUMBING SCHEDULE

ITEM #	DESCRIPTION	C. W. SIZE	C. W. HEIGHT	H. W. SIZE	H. W. HEIGHT	WASTE SIZE	WASTE HEIGHT	WASTE TYPE	PLUMBING REMARKS	ITEM #
2	SINK	1/2"	1'-6"	1/2"	1'-6"				VERIFY WITH GC	2
8	ICE & WATER DISPENSER	1/2"	1'-6"			1"	0"	FS		8
8.1	WATER FILTER	1/2"	5'-6"							8.1
9	HAND SINK	1/2"	1'-8"	1/2"	1'-8"	2"	1'-6"			9
10	THREE COMP SINK							FS	-	10
10.1	FAUCET	1/2"	1'-6"	1/2"	1'-6"					10.1
12	U/C DISH MACHINE			3/4"	1'-6"			FS		12
14	MOP SINK					2"	0"		VERIFY WITH GC	14
14.1	SERVICE FAUCET	1/2"	3'-0"	1/2"	3'-0"					14.1



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PLUMBING NOTES

- ALL ROUGH-INS TO BE MADE IN COMPLIANCE WITH LOCAL CODE.
- THIS DRAWING SHOWS ROUGH-IN REQUIREMENTS FOR ITEMS PROVIDED BY KEC (SECTION 114000). AREA FLOOR DRAINS SHOWN ARE FOR REFERENCE ONLY. ADDITIONAL AREA FLOOR DRAINS MAY BE REQUIRED UNDER DIVISION 22.
- DIMENSIONS ARE SHOWN FROM FINISHED FLOOR, FINISHED WALLS, AND/OR COLUMN CENTERLINES TO CENTER OF ROUGH-INS.
- ROUGH-INS, FIELD INTERCONNECTIONS, AND FINAL CONNECTIONS TO ALL FOOD SERVICE EQUIPMENT TO BE COMPLETED BY DIVISION 22.
- GAS PRESSURE AT POINT OF USE NOT TO EXCEED 1/2" PSI. INSTALL FSE (SECTION 114000) FURNISHED PRESSURE REGULATORS WHEN SHIPPED LOOSE.
- GAS SHUT OFF VALVE FOR FIRE SUPPRESSION SYSTEM, IF FURNISHED BY FEC (SECTION 114000) TO BE INSTALLED BY (DIVISION 22). VALVE MUST BE ACCESSIBLE AND NOT CONCEALED IN WALL OR CEILING.
- FAUCETS, BASKET/TWISTLEVER WASTE, GAS HOSES, AND VACUUM BREAKERS PROVIDED BY FEC (SECTION 114000) TO BE INSTALLED BY DIVISION 22. ADDITIONAL COMPONENTS, SUPPLY LINES, AND NIPPLES TO COMPLETE THESE CONNECTIONS TO BE PROVIDED BY DIVISION 22.
- FLOOR TROUGH(S), PROVIDED BY FEC (SECTION 114000) TO BE INSTALLED BY DIVISION 22.
- MOP SINK/MOP SINK CABINETS, PROVIDED BY FEC (SECTION 114000) TO BE INSTALLED BY DIVISION 22.
- WATER FILTERS PROVIDED BY FEC (SECTION 114000) TO BE INSTALLED BY (DIVISION 22) PLUMBING CONTRACTOR. DIVISION 22 TO FURNISH AND INSTALL CONNECTION MATERIALS BETWEEN WATER ROUGH-IN, TO FILTER(S), AND TO EQUIPMENT.
- PROVIDE AT MINIMUM 120 DEGREE WATER AT THREE COMP SINKS AND DISH MACHINES.

PLUMBING LEGEND

⊖	COLD WATER
⊕	HOT WATER
⊖	FILTERED WATER
■	WALL DRAIN
⊖	FLOOR DRAIN
⊖	FLOOR SINK
⊖	GAS CONNECTION
⊖	HOT WATER STUB UP
⊖	COLD WATER STUB UP
●	DRAIN STUB UP

FOOD SERVICE EQUIPMENT
UMMC TEACHING KITCHEN
JACKSON, MS

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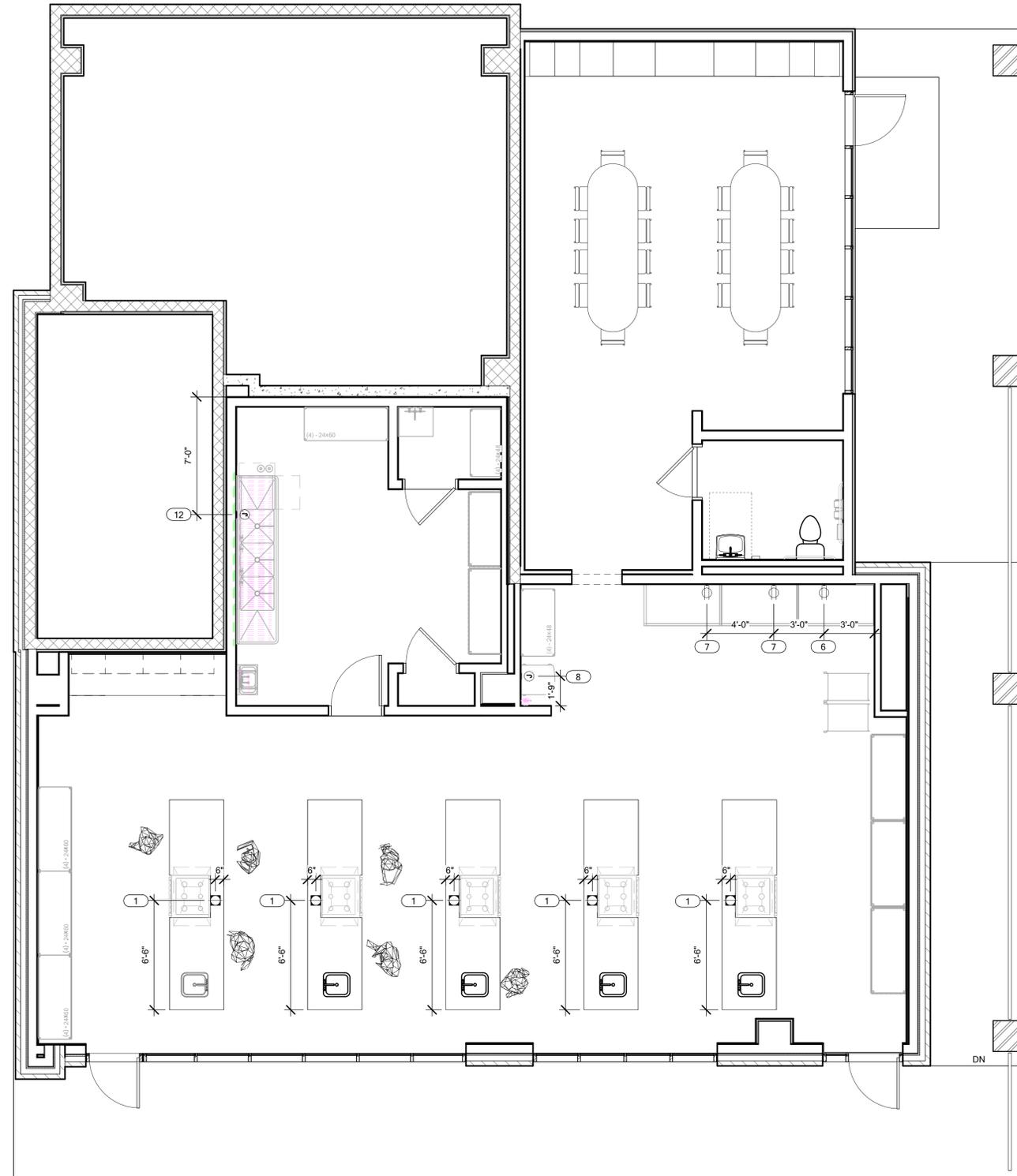
PLUMBING PLAN

FS-3

Scale 1/4" = 1'-0"

FOOD SERVICE EQUIPMENT ELECTRICAL SCHEDULE

ITEM #	DESCRIPTION	VOLTS	Ø	AMPS	HP	PLUG TYPE	RI HEIGHT	ELECTRICAL REMARKS	ITEM #
1	RANGE	120 V	1	4.2 A		6-20P	1'-6"	VERIFY WITH GC	1
6	REACH-IN FREEZER	120 V	1	11.1 A	1/2	5-20P	4'-0"		6
7	REACH-IN REFRIGERATOR	120 V	1	6.7 A	1/2	5-20P	4'-0"		7
8	ICE & WATER DISPENSER	120 V	1	11.0 A		DIRECT	4'-0"		8
12	U/C DISH MACHINE	208 V	1	30.5 A		6-50P	1'-6"		12



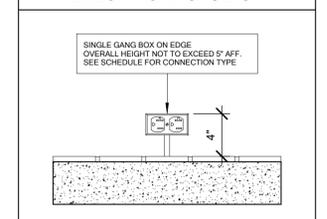
ELECTRICAL NOTES

- ALL ROUGH-INS TO BE MADE IN COMPLIANCE WITH LOCAL CODE.
- THIS DRAWING SHOWS ROUGH-IN REQUIREMENTS FOR ITEMS PROVIDED BY FEC (SECTION 114000). ADDITIONAL ROUGH-INS HAVE BEEN PROVIDED FOR CONVENIENCE ONLY.
- EQUIPMENT PROVIDED BY OTHERS INCLUDING BEVERAGE VENDOR EQUIPMENT AND OWNER PROVIDED EQUIPMENT MAY BE SHOWN FOR CONVENIENCE ONLY.
- DISCONNECTS IF REQUIRED ARE TO BE PROVIDED BY DIVISION 26.
- ALL ROUGH-IN DIMENSIONS ARE FROM FINISHED WALL TO CENTER OF RECEPTACLE. ALL ELEVATION DIMENSIONS ARE CRITICAL AND ARE FROM FINISHED FLOOR TO CENTER OF RECEPTACLE.
- DISPOSER(S) REQUIRE ADDITIONAL CONNECTIONS DIVISION 26 TO REFER TO DISPOSER CONNECTION DRAWING.
- DIVISION 26 TO INTERCONNECT LIGHTING J-BOXES ON MULTIPLE HOODS IN AN EXHAUST SYSTEM.
- DIVISION 26 TO PROVIDE AND INTERCONNECT LOW VOLTAGE CONTROL WIRE BETWEEN DISH MACHINE AND EXHAUST FAN.
- WALK-IN LIGHTING PROVIDED BY FEC (SECTION 114000) IN ARE SHIPPED LOOSE. ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT AND WIRE TO INTERCONNECT LIGHTING.
- ALL CONDUITS ENTERING A WALK-IN COOLER OR FREEZER SHALL BE SEALED AND/OR INSULATED. FOAM AND SEAL INSIDE AND OUTSIDE OF THE CONDUIT AND PENETRATION TO PREVENT CONDENSATION.
- ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL ELECTRICAL WHIPS AND INTERCONNECTIONS ON FEC (SECTION 114000) PROVIDED EQUIPMENT.

ELECTRICAL LEGEND

	DUPLEX RECEPTACLE IN WALL
	SINGLE RECEPTACLE IN WALL
	J-BOX IN WALL
	DISCONNECT SWITCH
	DUPLEX RECEPTACLE STUB-UP
	SINGLE RECEPTACLE STUB-UP
	J-BOX STUB-UP
	J-BOX DROP FROM ABOVE CEILING

ELECTRICAL STUB-UP



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ELECTRICAL PLAN

FS-4

Scale As indicated

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FOOD SERVICE EQUIPMENT
UMMC TEACHING KITCHEN
JACKSON, MS

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Drawn: _____ Author: _____

ELEVATIONS & PERSPECTIVE

FS-6

Scale 1/2" = 1'-0"



1 COOK STATION
1/2" = 1'-0"



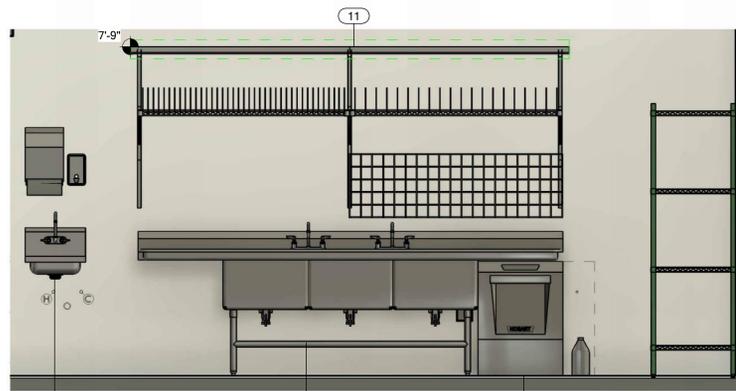
4 COOK STATION VIEW



3 WARE WASHING
1/2" = 1'-0"



5 WARE WASHING VIEW



2 WARE WASHING 2
1/2" = 1'-0"



6 WARE WASHING VIEW 2