

GENERAL PROJECT NOTES

SUMMARY OF WORK

INTERIOR REMODELING OF THE EXISTING 2420SF SPACE TO PROVIDE A RESTAURANT SERVICE. PROVIDE ALL NECESSARY ARCHITECTURAL, ELECTRICAL, HVAC AND PLUMBING WORK AS NOTED.

GENERAL INSTRUCTIONS

THESE DRAWINGS ARE SCOPE DOCUMENTS INDICATING THE GENERAL PROJECT DESIGN CONCEPT, DIMENSIONS OF THE PROJECT, MAJOR ARCHITECTURAL ELEMENTS, AND BASIC ORGANIZATION OF MECHANICAL, ELECTRICAL AND PLUMBING SYSTEMS. AS SCOPE DOCUMENTS, THESE DRAWINGS DO NOT NECESSARILY DESCRIBE OR INDICATE ALL MATERIALS OR WORK REQUIRED FOR FULL PERFORMANCE AND COMPLETION OF THE PROJECT. ON THE BASIS OF THE GENERAL SCOPE INDICATED OR DESCRIBED, THE CONTRACTOR(S) SHALL FURNISH ALL ITEMS REQUIRED FOR PROPER EXECUTION AND COMPLETION OF THE PROPOSED PROJECT. THE ARCHITECT IS NOT RESPONSIBLE FOR THE FAILURE OF THE CONTRACTOR(S) TO EXECUTE NECESSARY WORK OR TO SUPPLY REQUIRED MATERIALS FOR PROPER COMPLETION OF THIS PROJECT. FURTHER MORE THE ARCHITECT MAKES NO WARRANTY EXPRESSED OR IMPLIED ON THESE DOCUMENTS.

DUE TO THE NATURE OF THIS WORK THE ARCHITECT DOES NOT WARRANT THE EXISTING CONDITIONS AS DEPICTED IN THESE DRAWINGS AS BUILT CONDITIONS. THE MEASUREMENTS ON THESE DRAWINGS ARE REASONABLY ACCURATE FOR THE PURPOSE OF "FIGURING." HOWEVER, IN THE EXECUTION OF WORK ON THE JOB, DO NOT SCALE DRAWINGS. EACH CONTRACTOR IS REQUIRED TO VERIFY ALL DIMENSIONS WITH THE ACTUAL CONDITIONS AND TO REPORT ANY DISCREPANCIES TO THE ARCHITECT, OWNER, OR THE OWNER'S REPRESENTATIVE.

CONTRACTOR SHALL OBTAIN AND PAY FOR ANY PERMITS AND FEES REQUIRED TO PERFORM THE WORK, UNLESS DIRECTED OTHERWISE BY OWNER.

EACH CONTRACTOR SHALL BE RESPONSIBLE FOR STORAGE AND SAFETY OF HIS OWN MATERIALS AND WORK, AND FOR PROPERLY REMOVING HIS DEBRIS FROM THE JOB SITE. GENERAL CONTRACTOR (GC) SHALL PROVIDE FOR ALL SITE DEMOLITION AND DEBRIS REMOVAL REQUIRED TO PERFORM NEW CONSTRUCTION WHILE ADEQUATELY MAINTAINING THE PREMISES AND ADJACENT PREMISES TO INSURE NORMAL OCCUPANCY AND SECURITY. THE GC SHALL COORDINATE PROPER TRANSPORTATION AND STORAGE OF BUILDING MATERIALS ON THE SITE TO AVOID OVERLOADING OF EXISTING FLOOR.

CONTRACTORS INSTALLING PIPES, DUCTS AND CONDUIT WILL BE REQUIRED TO DO ALL CUTTING AND PATCHING IN CONNECTION WITH THEIR WORK, INCLUDING EXCAVATION AND DIGGING. THE OWNER WILL ASSUME NO RESPONSIBILITY FOR THE COST OF CHANGES OR EXTRA WORK MADE NECESSARY BY THE FAILURE OF TRADES TO COORDINATE THEIR WORK DURING CONSTRUCTION.

WHERE APPLICABLE THE GC SHALL CONSTRUCT PHYSICAL BARRIERS AROUND AREAS UNDER CONSTRUCTION AS REQUIRED TO ENSURE GENERAL PUBLIC AND PERSONAL SAFETY.

THE GC SHALL SUPERVISE AND DIRECT THE WORK. HE SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES. THE GC SHALL BE RESPONSIBLE FOR COORDINATING ALL PORTIONS OF THE WORK UNDER HIS CONTRACT. ALL WORK SHALL BE COMPLETED USING PRACTICES ACCEPTED AND ENDORSED BY THE CORRESPONDING TRADE INDUSTRIES.

THE TERM "PROVIDE" SHALL MEAN TO FURNISH AND INSTALL.

THE CONTRACT AND SUBCONTRACT AMOUNTS SHALL PROVIDE COMPLETE WORKING MECHANICAL, ELECTRICAL AND PLUMBING SYSTEMS COMMENSURATE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS AND THE APPLICABLE CODES.

WHEN WALLS ARE TO BE "ALIGNED", THE ALIGNMENT OF SUCH WALLS IS TO THE OUTSIDE FINISHED SURFACE, SUCH AS DRYWALL SURFACE.

ALL DIMENSIONS SHOWN ARE TO FINISH FACE OF WALL UNLESS NOTED OTHERWISE. DIMENSIONS AND NOTES FOR A GIVEN CONDITION ARE TYPICAL FOR ALL SIMILAR CONDITIONS UNLESS NOTED OTHERWISE.

WHERE NEW WORK ADJOINS EXISTING, ALL SUCH NEW WORK SHALL BE PROPERLY INTEGRATED WITH THE EXISTING TO ENSURE UNIFORM APPEARANCE. ANY REPAIR WORK REQUIRED TO EXISTING WORK SHOULD BE TAKEN CARE OF BY THE CONTRACTOR - PROVIDING ALL NECESSARY CUTTING, FITTING AND PATCHING AND SHALL FURNISH ALL NECESSARY LABOR AND MATERIALS FOR THIS WORK. ALL WORK REQUIRING SPECIAL DETAILING, AND NOT DETAILED ON THE DRAWINGS SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT / OWNER.

THE GENERAL CONTRACTOR SHALL COORDINATE ALL TRADES TO AVOID INTERFERENCE. TO PRESERVE MAXIMUM HEADROOM, AND AVOID OMISSIONS.

THE ARCHITECT HAS NO CONTRACTUAL DUTY TO CONTROL MEANS AND METHODS OF THE WORK NOR TO PROVIDE JOB SITE SUPERVISION. ENSURE SAFETY OR CONSTRUCTION MANAGEMENT AND DOES NOT VOLUNTARILY ASSUME ANY SUCH RESPONSIBILITIES.



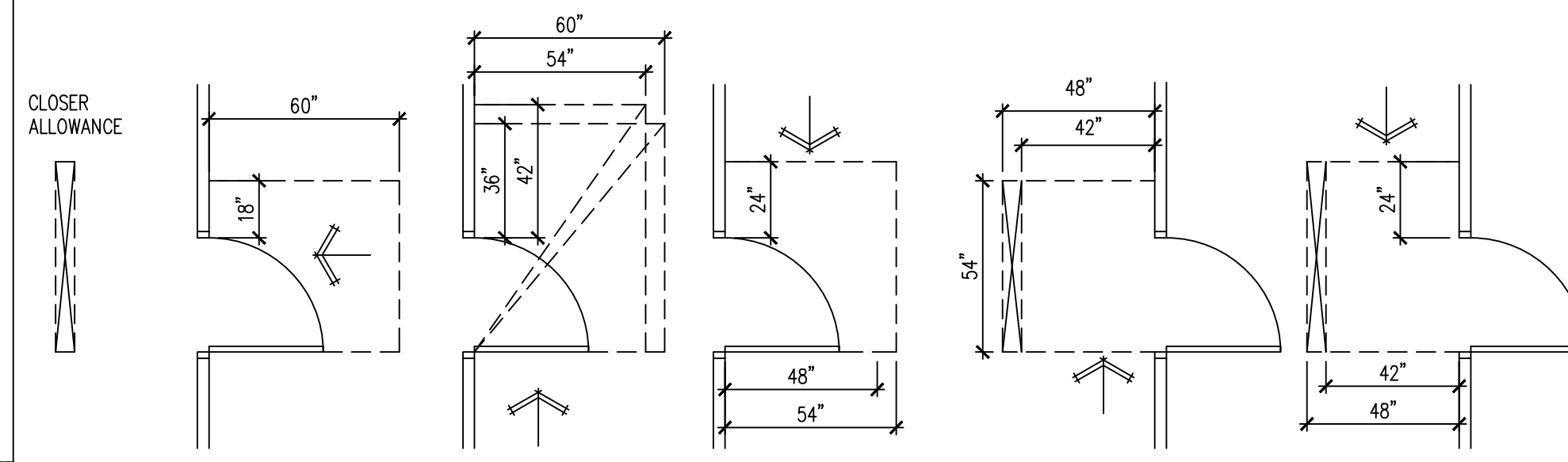
ACCESSIBILITY REQUIREMENTS

TOILET ROOMS REQUIRED TO BE ACCESSIBLE SHALL CONFORM TO ALL ACCESSIBILITY REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT WHICH INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING:

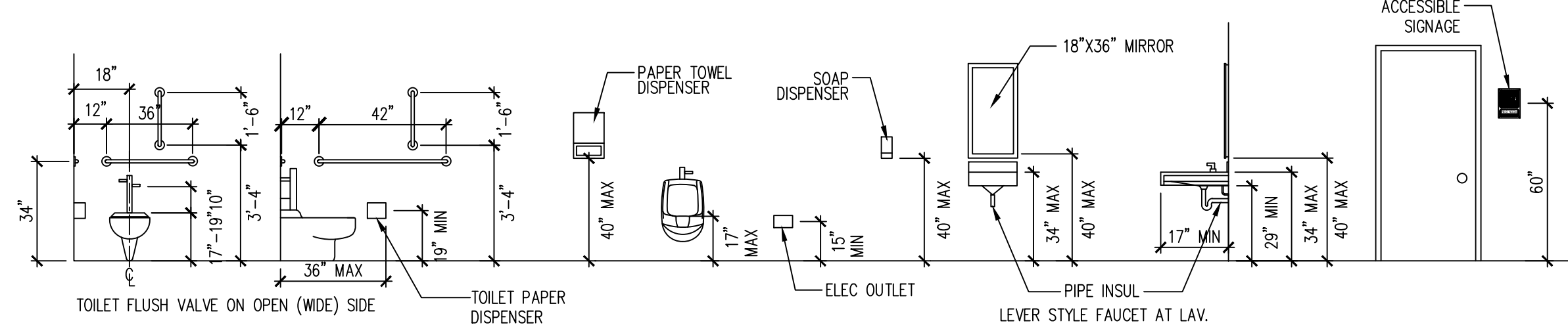
- 1: Per IFC 904 a commercial hood and duct system shall be installed. This shall include the proper hood extinguishing system. The hood contractor shall apply for and pull a separate permit for the hood system.
- 2: The hood tests shall be witnessed. Testing shall be scheduled with the Fire Safety Division and Mechanical inspector at least 24 hours in advance for all tests.
- 3: The occupancy load shall be posted at the entrance for all assembly type occupancies.
- 4: There shall be a Class K fire extinguisher in the kitchen within the guidelines set forth in section 904.11.5 of the IFC.



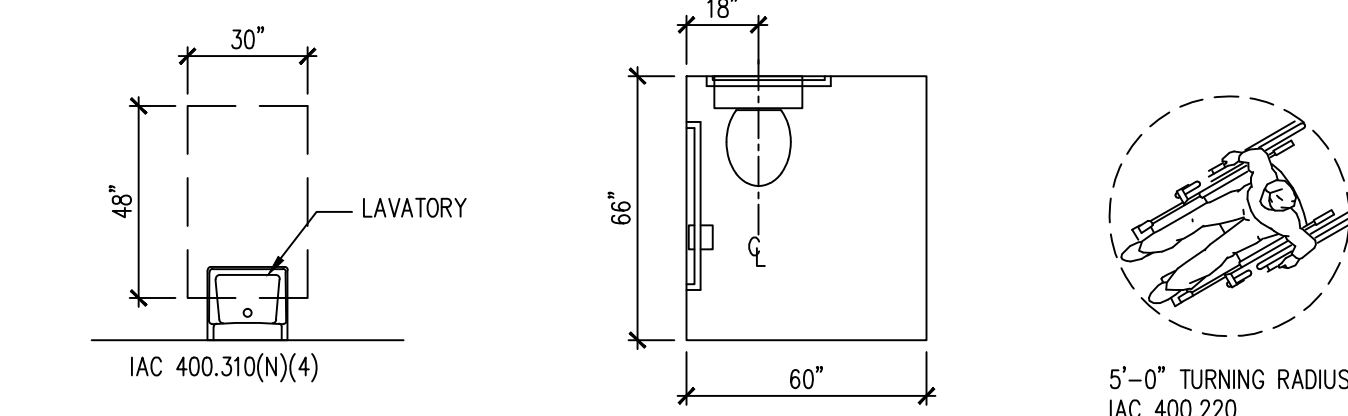
B ACCESSIBLE SIGNAGE
NOT TO SCALE



D DOOR MANEUVERING CLEARANCE
NOT TO SCALE

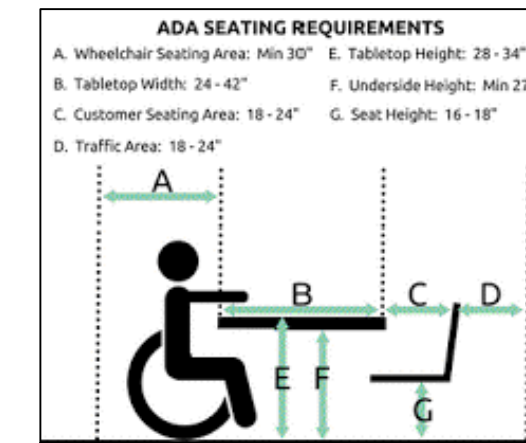
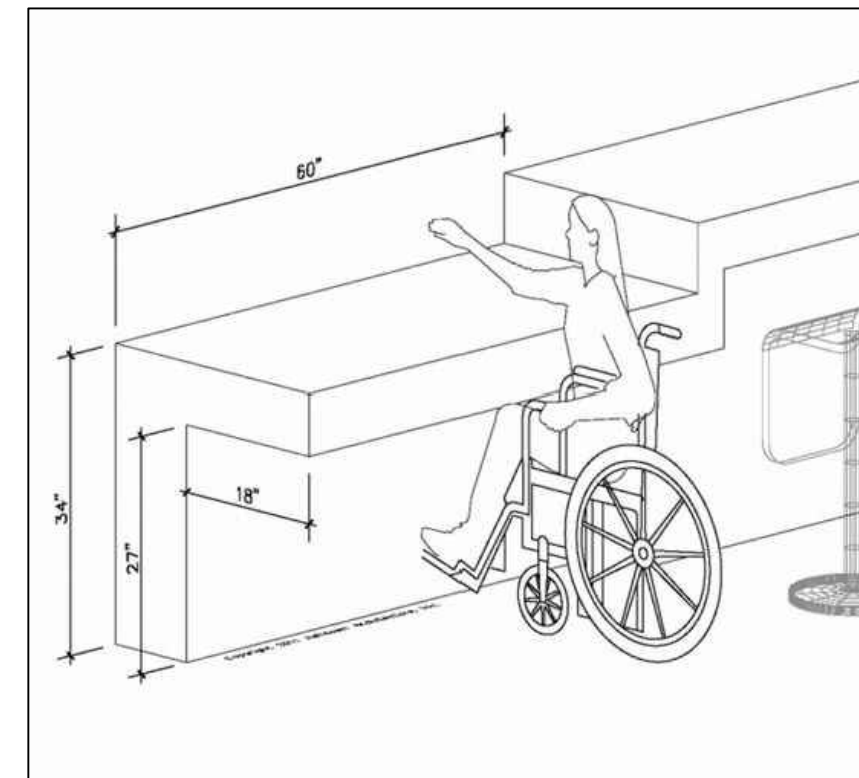


E ACCESSIBLE MOUNTING HEIGHTS
NOT TO SCALE



C TYPICAL ACCESSIBILITY REQUIREMENTS
NOT TO SCALE

A SITE PLAN
NO SCALE



Exposed and concealed insulation shall have a flame spread index of not more than 25 and a smoke development index of not more than 450

wall and or Ceiling Finishes meet the Fire Performance and Smoke Development requirements of the IBC section 803 (IBC 8012). Interior Exit Passageway in a non-sprinklered B use must be Class A when tested in accordance with ASTM E84 of UL 723.

The Means of Egress, including the Exit Discharge, shall be illuminated at all times the building is occupied (IBC 1006.1).

Ground and floor surfaces along accessible routes cannot have changes in level over X" and be vertical (IAC 400.310.a.7). Indicated on AI,Room Finish Schedule, please verify that the transition from floor tile finish to hardwood finish does not exceed X" vertically.

INDEX OF DRAWINGS

- A0 PROJECT NOTES & SITE PLAN
- A1 DEMO PLAN & NOTES
- A2 FLOOR PLAN & NOTES
- E1 ELECTRICAL PLANS & NOTES
- M1 MECHANICAL PLANS
- M2 HOOD DETAILS
- P1 PLUMBING PLAN & NOTES
- P2 GAS PIPING PLAN & NOTES

CODE DATA

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND MUNICIPAL LAWS, ORDINANCES, STANDARDS AND REGULATORY AGENCIES INCLUDING BUT NOT LIMITED TO THE REQUIREMENTS (INCLUDING LOCAL AMENDMENTS) OF

- 2012 INTERNATIONAL BUILDING CODE
- 2006 INTERNATIONAL FIRE CODE
- 2012 INTERNATIONAL FUEL GAS CODE
- 2012 INTERNATIONAL MECHANICAL CODE
- 2018 INTERNATIONAL ENERGY CONSERVATION CODE
- 2011 NATIONAL ELECTRICAL CODE
- 2014 ILLINOIS STATE PLUMBING CODE
- 2018 ILLINOIS ACCESSIBILITY CODE
- 2000 NFPA 101 LIFE SAFETY CODE

PROJECT DATA

USE GROUP CLASSIFICATION	A-2
CONSTRUCTION TYPE	IIIB
TOTAL FLOOR AREA	2420SF
EXIT ACCESS TRAVEL DISTANCE	75 FT MAXIMUM
AUTOMATIC SPRINKLERS	NO
DINING AREA OCCUPANTS	76 FIXED SEATING OCCUPANTS
WAITING AREA	120SF / 15 = 8 OCCUPANTS
KITCHEN AREA OCCUPANTS	6 OCCUPANTS
TOTAL OCCUPANT LOADS	90 OCCUPANTS
MAXIMUM HEIGHT	1 STORY
REQUIRED NUMBER OF EXITS:	2 ACTUAL 4
MINIMUM CORRIDOR WIDTH	48"

We Tan



I HEREBY CERTIFY THAT THESE DRAWINGS ARE PREPARED BY ME OR UNDER MY SUPERVISION AND TO THE BEST OF MY KNOWLEDGE CONFORM WITH APPLICABLE CODES.

LIC EXPIRES NOV 30, 2024

WEI TAN
2425 S WENTWORTH AVE.
CHICAGO IL 60616

PHONE: (312) 912-5798
EMAIL: twarchitect98@yahoo.com

LICENSE NO: 001-022013
EXPIRES: 11/30/2024

RESTAURANT INTERIOR REMODELING
1754 WABASH AVE SUITE B
SPRINGFIELD IL 62704

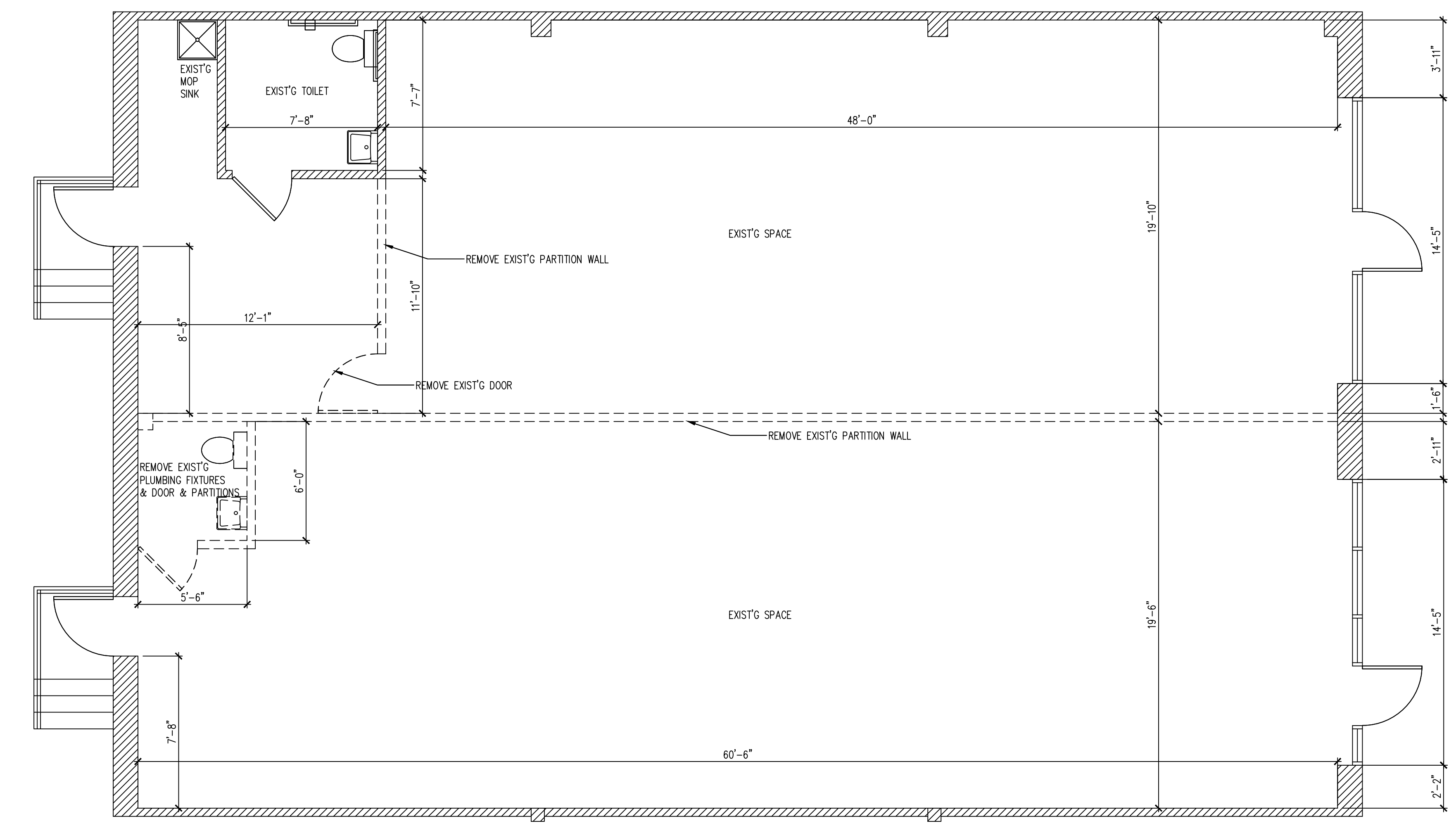
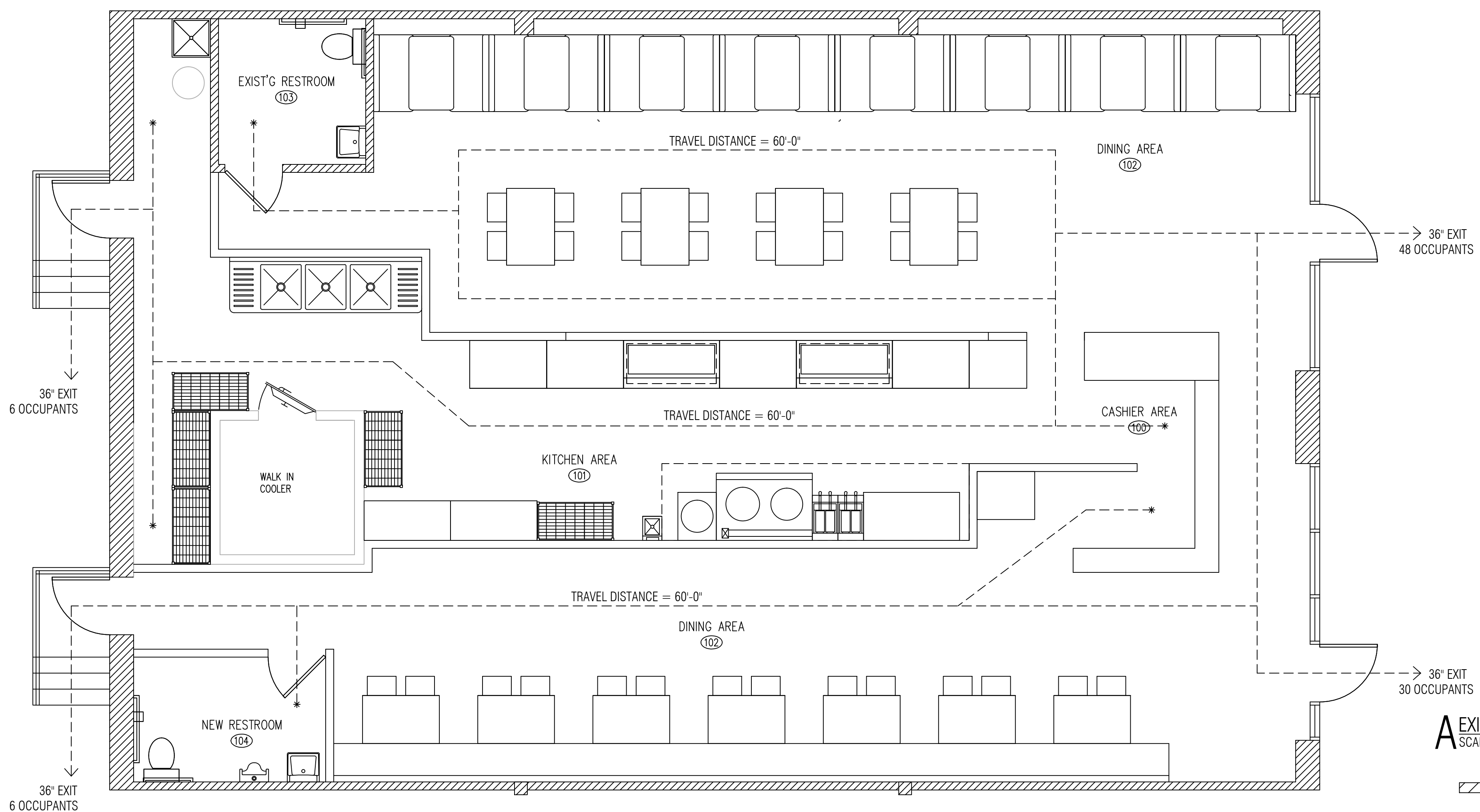
ISSUES	DATE
ISSUED FOR PERMIT	12/18/2022



PROJECT NOTES

SHEET NUMBER

A0



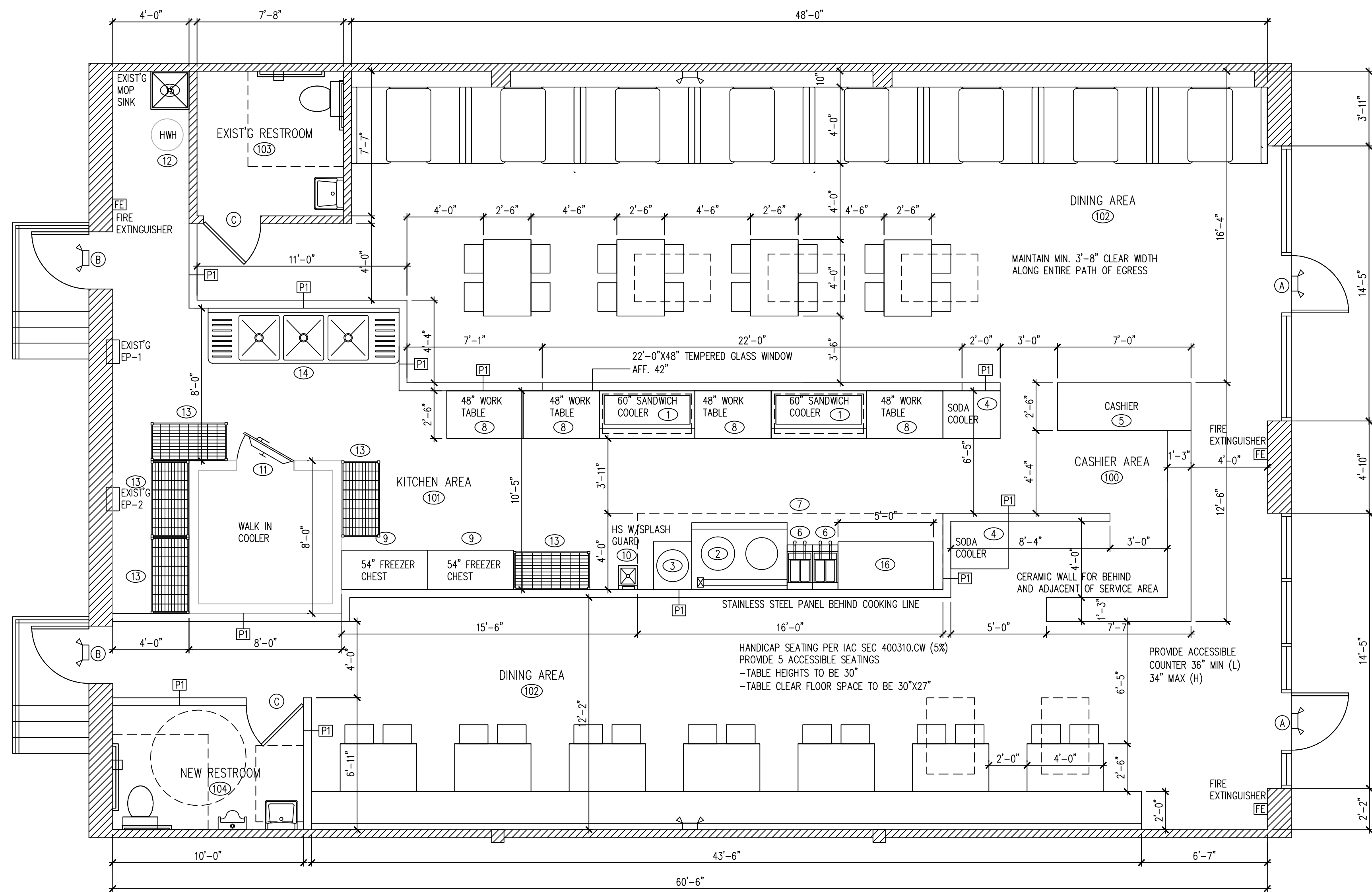
WEI TAN
2425 S WENTWORTH AVE.
CHICAGO IL 60616
PHONE: (312) 912-5798
EMAIL: twarchitect98@yahoo.com
LICENSE NO: 001-022013
EXPIRES: 11/30/2024

RESTAURANT INTERIOR REMODELING
1754 WABASH AVE SUITE B
SPRINGFIELD IL 62704

ISSUES	DATE
ISSUED FOR PERMIT	12/18/2022



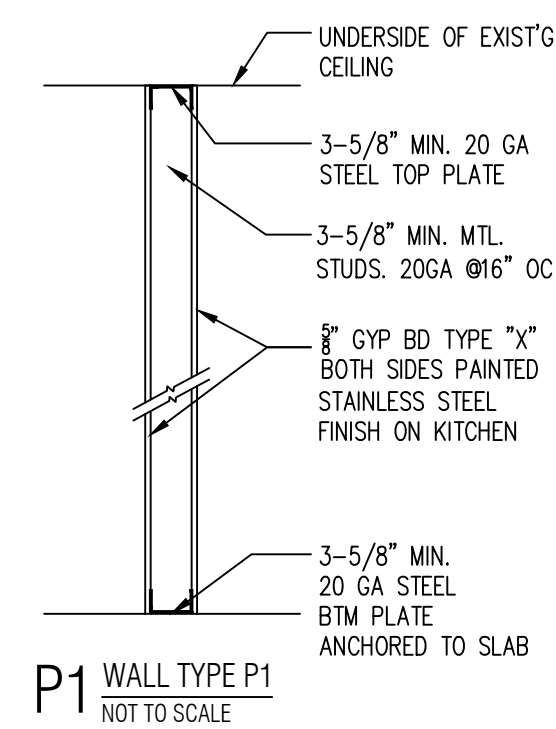
DEMO PLAN
& NOTES
SHEET NUMBER
A1



A FLOOR PLAN
SCALE 1/4" = 1'-0"



OCCUPANT LOAD SIGNAGE WILL BE PLACED IN A CONSPICUOUS LOCATION AT THE ENTRANCE TO THE RESTAURANT AND EACH ASSEMBLY SPACE.
THE EXIT DOORS ARE EQUIPPED WITH PANIC HARDWARE, IBC 1008.1, 9
EMERGENCY AND GENERAL EGRESS DISCHARGE LIGHTING, IBC 1006.1 ON SHEET E1



EQUIPMENT SCHEDULE						
NO	QTY	DESCRIPTION	GAS	ELECTRIC	PLUMBING	REMARKS
1	2	SANDWICH COOLER	-	120V	4A	NSF
2	1	CHINESE WOK	1.5"	-	1/2" CW 4" INDIRECT DRAIN	NSF, 220000 BTU
3	1	RICE COOKER	3/4"	-	-	NSF, 35000 BTU
4	2	SODA COOLER	-	120V	4A	NSF
5	1	CASHER COUNTER	-	-	-	NSF
6	2	DEEP FRYER	3/4"	-	-	NSF, 110000 BTU
7	1	16" QX4-0" EXHAUST HOOD, TYPE I	-	-	-	U.L. W/ANSUL FIRE SUPPRESSION SYSTEM
8	4	WORK TABLE	-	-	-	NSF, W/ 6" STAINLESS STEEL LEGS NSF APPROVED
9	2	54" FREEZER CHEST	-	120V	5A	NSF
10	1	HAND SINK	-	-	1/2" CW, 1/2" HW, 2" DRAIN	NSF, WALL MOUNTED - SEALED
11	1	8'-0" X 8'-0" WALK IN COOLER	-	240V	12A	NSF
12	1	HOT WATER HEATER	3/4"	120V	-	3/4" CW 3/4" HW
13	5	STAINLESS SHELVING	-	-	-	NSF, 60GALLONS
14	1	3 COMPARTMENT SINK	-	-	1/2" CW, 1/2" HW 4" INDIRECT DRAIN	NSF, W/ ECOLAB PATHWAY TO PREVENT BACKFLOW
15	1	MOP SINK	-	-	1/2" CW, 1/2" HW, 4" DRAIN	NSF, W/ MOP HOOKS, SEAL EDGES
16	1	GRIDDLE	3/4"	-	-	NSF, 110000 BTU

ALL EQUIPMENTS WILL BE NSF APPROVED CLEAN, OPERABLE AND SUBJECT TO THE FINAL APPROVAL BY THE HEALTH DEPARTMENT

KITCHEN EQUIPMENT NOTES

CONTRACTOR SHALL INSTALL AND CONNECT ALL EQUIPMENT AS PER EQUIPMENT SUPPLIER'S SPECIFICATIONS. ALL LOCATIONS TO BE VERIFIED WITH OWNER PRIOR TO INSTALLATION.

PLUMBING CONTRACTOR SHALL PROVIDE ALL ROUGH-INS. INSULATE ALL COLD/HOT WATER PIPES AS REQUIRED. MAINTAIN MIN 36" IN FRONT OF ALL COOKING EQUIPMENT.

ELECTRICAL CONTRACTOR SHALL PROVIDE ALL ELECTRICAL OUTLETS FOR EQUIPMENT. VERIFY ALL ELECTRICAL REQUIREMENTS WITH EQUIPMENT SUPPLIER. VERIFY ALL GAS AND WATER REQUIREMENTS WITH EQUIPMENT SUPPLIER.

ALL PERMANENT EQUIPMENT MUST BE LOCATED SO THAT AREAS BEHIND, UNDERNEATH, AND ON THE SIDES OF THE EQUIPMENT CAN BE EASILY CLEANED.

TWO DRAIN BOARDS ARE REQUIRED AT ALL THREE-COMPARTMENT SINKS ALONG WITH AN APPROPRIATELY SIZED FAUCET, LOCKABLE DRAIN PLUGS, AND AN INDIRECT CONNECTION TO THE SEWER.

DRY STORAGE

DRY STORAGE : 25% OF 600 SF (KITCHEN AREA) = 150SF REQ'D
ACTUAL DRY STORAGE 5X4X2X4 = 160SF PROVIDED .

ALL FOOD AND FOOD RELATED ITEMS MUST BE STORED OFF THE FLOOR ON DURABLE WASHABLE SHELVES. THE STORAGE AREA MUST BE APPROPRIATELY SIZED BASED ON THE NUMBER OF MEALS SERVED DAILY AND THE NUMBER OF DELIVERIES WEEKLY.

ALL FOOD EQUIPMENT TO BE ON CASTERS, 6" LEGS, OR SEALED TO THE FLOOR FOR EASY CLEANING.

NO RAW WOOD SURFACES PERMITTED ANYWHERE. UNDERSIDES OF COUNTERTOPS, INSIDE OF CABINETS, AND WATER HEATER PLATFORMS MUST BE SEALED.

COOKLINE EQUIPMENT AND REACH-IN REFRIGERATION AND FREEZER UNITS TO BE INSTALLED ON CASTERS. PROVIDE THE FOLLOWING: NSF STAINLESS STEEL SHELF OVER 3-COMPRTMENT SINK. HEAVY-DUTY MOP RACKS LOCATED OVER MOP SINK. HEAVY-DUTY BROOM RACKS IN JANITORIAL AREA. METAL GARBAGE CANS WITH LIDS FOR RESTROOMS. SANITARY BOX IN RESTROOM.

ALL NSF APPROVED HAND SINKS TO BE WITH BLADE HANDLED FAUCETS. BEVERAGE STATION & COUNTER TOP - STAINLESS STEEL . ALL CABINET SHELVES - STAINLESS STEEL. ALL CABINET BASE - 6" STAINLESS STEEL LEGS (NO KICK BASE) LAVATORY COUNTERTOP TO BE SOLID SURFACE (NO PLASTIC LAMINATE OR CABINETRY) ANY PAINTED FINISHES TO BE SEMI-GLOSS OR GLOSS (NO FLAT, NO EGG SHELL, NO TEXTURE). PROVIDE FRP ON WALL AND UNDERSIDE OF SERVICE AREA. STAINLESS STEEL WALL FINISH FOR BEHIND AND ADJACENT TO COOK LINE.

FIRE EXTINGUISHERS TO BE TYPE K IN KITCHEN AND TYPE A IN DINING ROOM

FRP OR STAINLESS STEEL PANEL FOR KITCHEN WALL. KITCHEN CEILING FINISH TO BE PVC VINYL. WASHABLE TILES.

- Dial stem thermometers (ranging from 0° to 220°F) are required in all preparation areas.
 - Chemical test kits (specific to the sanitizer) are required for the appropriate sanitizer.
 - pH meter and log for acidifying rice.
 - All cooling/freezing units must have accurate thermometers.
 - Covered waste cans are required in all restrooms.
 - Toilets, urinals, hand sinks, 3 compartment sinks, mop sink, prep sinks, and permanent counters/cabinets must be sealed to floors and walls with a silicone caulk seal.
 - Anti-siphon devices are required on all toilet tanks, urinals, and faucets with hose connections.
 - Soap and paper towels are required at all hand sinks.
 - Provide hair restraints and disposable gloves for all food handlers.
- If sinks are provided with spring-loaded faucets, the faucets must remain running for a minimum of 15 seconds
- Doors leading to the outside and restroom doors are required to be self-closing and tight-fitting. Please confirm that the doors leading to the outside are equipped with a self-closer and weather strips to eliminate any air gaps.

ROOM FINISH SCHEDULE

NO	ROOM	WALLS	BASE	FLOOR	CEILING
100	CASHER AREA	CERAMIC TILE	QT COVE BASE	FLOOR TILE	GYP BD PAINTED
101	KITCHEN	STAINLESS STEEL	QT COVE BASE	QUARRY TILE	2X4 VINYL TILE CEILING
102	DINING AREA	GYP BD PAINTED	QT COVE BASE	FLOOR TILE	OPEN CEILING
103	EXIST'G RESTROOM	CERAMIC TILE	QT COVE BASE	FLOOR TILE	2X2 ACOUSTIC TILE CEILING
104	NEW RESTROOM	CERAMIC TILE	QT COVE BASE	FLOOR TILE	2X2 ACOUSTIC TILE CEILING

DOOR SCHEDULE

TAG	DESCRIPTION	FRAME CONSTRUCTION	NOMINAL SIZE W X H	DOOR FINISH	FRAME FINISH	LABEL	HARDWARE SET	COMMENTS
A	STORE FRONT GLASS DOOR	ALUMINUM	3'-0" x 8'-0"	TEMPERED GLASS	ALUMINUM	-	2	EXIST'G FRONT EXIT DOOR
B	HOLLOW METAL DOOR	HOLLOW METAL	3'-0" x 7'-0"	PAINT	PAINT	-	2	EXIST'G BACK EXIT DOOR
C	WOOD DOOR	HOLLOW METAL	3'-0" x 6'-8"	PAINT	PAINT	-	1	NEW

* ALL EXIT DOORS MUST OPEN WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE FROM THE SIDE WHICH EGRESS IS MADE
* LEVERED HANDLE HARDWARE AS REQUIRED BY ILLINOIS ACCESSIBILITY CODE
* PROVIDE DOOR CLOSERS ALONG ALL ACCESSIBLE ROUTES

HARDWARE SCHEDULE

TAG	DESCRIPTION
1	1 1/2 PAIR BUTT HINGES, W/LEVERED PRIVACY LOCKSET, KICKPLATE AND DOOR CLOSER
2	1 1/2 PAIR BUTT HINGES, EXT DEVICE AND DOOR CLOSER, PANIC HARDWARE
3	1 1/2 PAIR BUTT HINGES W/ PRIVACY LOCKSET

ALL HARDWARE SHALL BE HEAVY-DUTY COMMERCIAL GRADE AND ADA COMPLIANT. CONTRACTOR TO VERIFY FINISH WITH OWNER.

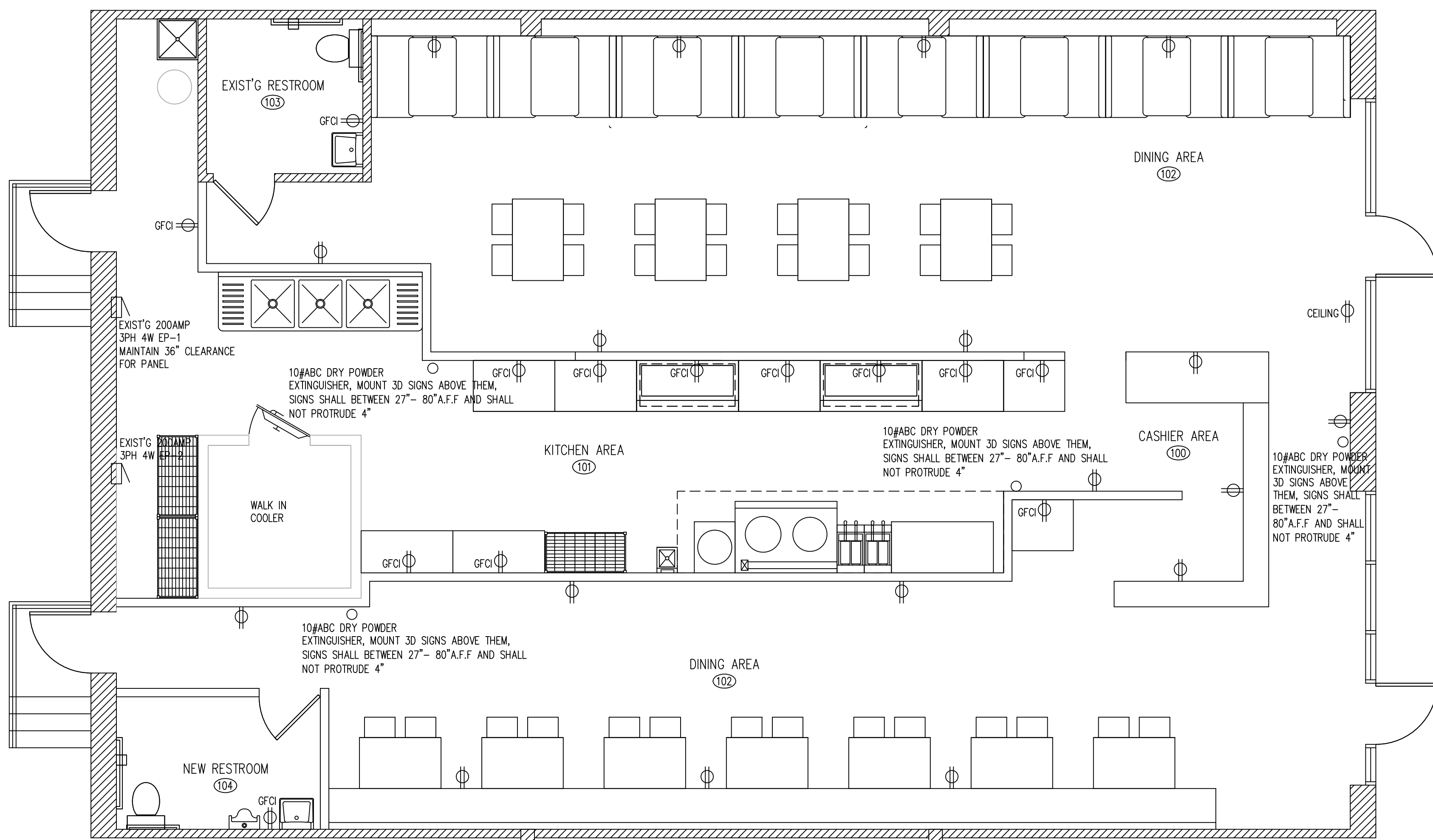
WEI TAN
2425 S WENTWORTH AVE.
CHICAGO IL 60616
PHONE: (312) 912-5798
EMAIL: twarchitect98@yahoo.com
LICENSE NO: 001-022013
EXPIRES: 11/30/2024

RESTAURANT INTERIOR REMODELING
1754 WABASH AVE SUITE B
SPRINGFIELD IL 62704

ISSUES	DATE
ISSUED FOR PERMIT	12/18/2022



FLOOR PLAN & NOTES
SHEET NUMBER
A2



EXIST'G 120/208V 200A 3PH ELECTRICAL PANEL EP-1

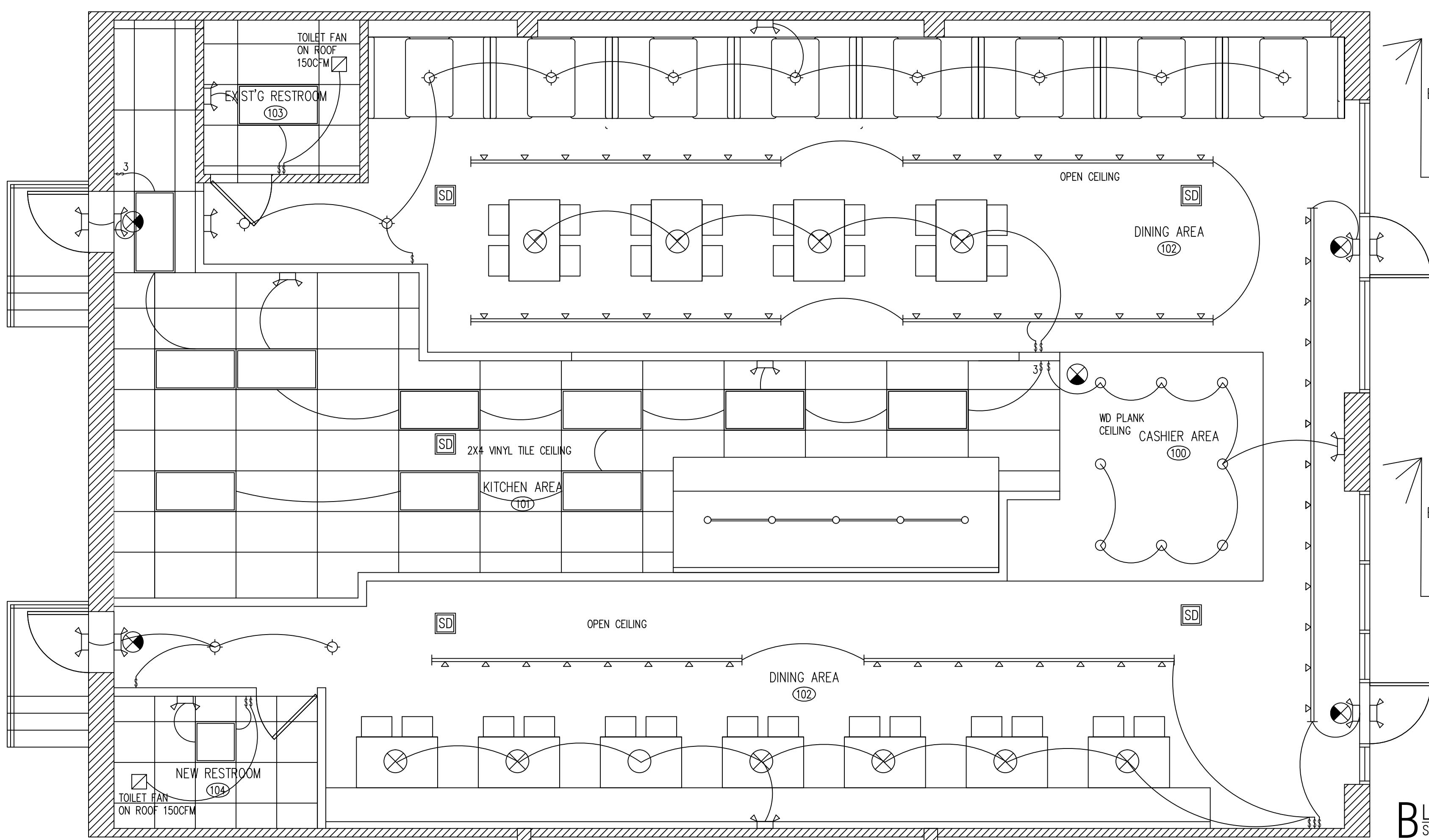
SERVES	A	B	C	AMPS	CK	CK	AMPS	A	B	C	SERVES
DINING OUTLETS	1200			20	1	2	30	1800			WALK IN COOLER
DINING OUTLETS	1200			20	3	4	20	1800			
DINING RM LIGHTS		800		20	5	6	20		200		WALK IN LIGHT FAN
DINING RM LIGHTS	600			20	7	8	30	2400			KEF-1
RTU-1 (5 TON)		4000		50	9	10		2400			
RTU-1 (5 TON)		4000		50	11	12					
KITCHEN LIGHTS		600		20	13	14	20	1200			CASHIER OUTLETS
KITCHEN MUA-1		2400		30	15	16	20	1200			CASHIER OUTLETS
		2400		30	17	18					
					19	20					
					21	22					
					23	24					
					25	26					
					27	28					
					29	30					
SUBTOTAL	8200	8200	7200					5400	5400	2600	SUBTOTAL
TOTAL PANEL LOAD	37000	0	89	AMPS			120/208V	THREE PH			

EXIST'G 120/208V 200A 3PH ELECTRICAL PANEL EP-2

SERVES	A	B	C	AMPS	CK	CK	AMPS	A	B	C	SERVES
KITCHEN OUTLETS	1200			20	1	2	20	1200			KITCHEN OUTLETS
KITCHEN OUTLETS		1200		20	3	4	20		1200		KITCHEN OUTLETS
KITCHEN OUTLETS			1200	20	5	6	20			1080	DINING OUTLETS
EXIT LIGHT	180			20	7	8	20	1080			DINING OUTLETS
RESTROOM FAN		600		20	9	10	20		1200		KITCHEN OUTLETS
SIGN			600	20	11	12	20			1200	KITCHEN OUTLETS
KITCHEN OUTLETS	1200			20	13	14					
SPARE				20	15	16					
SPARE				20	17	18					
SPARE				20	19	20					
SPARE				20	21	22					
SPARE				20	23	24					
RTU-2 (5 TON)		4000		50	25	26					
RTU-2 (5 TON)		4000		50	27	28					
SUBTOTAL	6580	5800	5800		29	30		2280	2400	2280	SUBTOTAL
TOTAL PANEL LOAD	25140	0	60	AMPS			120/240V	THREE PH			

- LEGEND:**
- ⊠ RETURN AIR
 - RECESSED 2'X2' LIGHT FIXTURE
 - LIGHT FIXTURE
 - ⊠ RECESSED 2'X4' LIGHT FIXTURE
 - ⊠ EMERGENCY LIGHTING
 - ⊠ EXIT SIGN
 - ⊠ SMOKE DETECTOR

A POWER PLAN
SCALE 1/4"=1'-0"



B LIGHTING & EMERGENCY PLAN
SCALE 1/4"=1'-0"

EMERGENCY LIGHT FIXTURE SCHEDULE

MANUFACTURER	MODEL	LAMP	DESCRIPTION
SURE-LITES	XR-9-C	(2)HALOGEN 12W	PPROVED BATTERY EM FIXTURE
ALPHA	EM-C SERIES	(2)7W FLUORESCENT	APPROVED SINGLE FACE EXIT SIGN
			BATTERY BACKUP 120V FIXTURE

- FIRE PREVENTION BUREAU EXIT SIGN SYMBOLS**
- ⊠#1 SINGLE FACE EXIT SIGN
 - ⊠#2 SINGLE FACE EXIT SIGN W/DIRECTIONAL ARROW
 - ⊠#3 SINGLE FACE EXIT SIGN
 - ⊠#4 SINGLE FACE EXIT SIGN W/DIRECTIONAL ARROW
 - ⊠#5 SINGLE FACE EXIT SIGN
 - ⊠#6 SINGLE FACE EXIT SIGN W/DIRECTIONAL ARROW

ELECTRICAL NOTES

- AT LEAST FIFTY (50) FOOT CANDLES OF LIGHT SHALL BE PROVIDED ON ALL WORKING SURFACES. TWENTY (20) FOOT CANDLES OF LIGHT, AT A DISTANCE OF THIRTY (30) INCHES FROM THE FLOOR, SHALL BE PROVIDED IN ALL OTHER AREAS.
- ALL DROP/PLENUM CEILING WIRING TO COMPLY WITH NEC 300.22C. ALL LOW VOLTAGE WIRING TO BE SELF SUPPORTING. NOT RUN OVER ANY LIGHT BALLAST, AND RUN 90 DEGREE.
- ALL FIRE ALARM, SMOKE DETECTOR, NIGHT LIGHT, AND EXIT SIGN CIRCUITS SHALL BE SECURED WITH A LOCKOUT DEVICE TO PREVENT ACCIDENTAL DEACTIVATION. INTERLOCK MOTORIZED DAMPERS MUST BE INSPECTED AT ROUGH AND FINAL STAGES BY BOTH THE ELECTRICAL AND MECHANICAL INSPECTORS.
- INTERLOCK MOTORIZED DAMPERS MUST BE INSPECTED AT ROUGH AND FINAL STAGES BY BOTH THE ELECTRICAL AND MECHANICAL INSPECTORS. ALL LOW VOLTAGE WIRING FOR MECHANICAL HVAC (DDC) CONTROLS AND ANY AND ALL OTHER USES MUST BE RUN AT RIGHT 90 DEGREE ANGLES AND PROPERLY SUPPORTED. NO LOW VOLTAGE WIRING MAY CROSS OVER CEILING LIGHT FIXTURES.
- EXHAUST FAN CONTROL SWITCHES MUST HAVE A PILOT LIGHT INDICATING FAN MOTOR IS POWERED. TIMERS ARE NOT APPROVED FOR EXHAUST FAN OPERATIONS OR THE OPERATIONS OF ANY MECHANICAL EQUIPMENT.
- ALL RECEPTACLES SHALL BE RATED AT NO LESS THAN 20 AMPS WITH #12 COPPER WIRE
- STORAGE BATTERIES FOR POWERING EMERGENCY SYSTEM SHALL BE OF SUITABLE RATING AND CAPACITY TO SUPPLY AND MAINTAIN THE TOTAL EMERGENCY LOAD FOR A PERIOD OF 1.5 HOURS MINIMUM WITHOUT THE VOLTAGE APPLIED TO THE LOAD FALLING BELOW 87.5% OF NORMAL
- ALL OUTLETS ABOVE COUNTERTOPS SHALL BE INSTALLED WITH LONG DIMENSION OF THE PLATES HORIZONTAL. PROVIDE KELLUM GRIP (WIRE MESH SPRING RELIEF) AT ALL CEILING RECEPTACLE DROPS MAINTAIN 36" CLEAR FLOOR SPACE IN FRONT OF PANELS.
- FINAL LOCATIONS OF TELEPHONE AND DATA OUTLETS TO BE CONFIRMED BY OWNER. ELECTRICAL 125V CONVENIENCE OUTLETS SHALL BE LOCATED ON THE SAME LEVEL WITHIN 25' OF ROOF MOUNTED EQUIPMENT.

the battery powered illumination will be connected to the normal lighting circuit serving the area. – NEC 700.12(F).

WEI TAN
2425 S WENTWORTH AVE.
CHICAGO IL 60616
PHONE: (312) 912-5798
EMAIL: twarchitec98@yahoo.com
LICENSE NO: 001-022013
EXPIRES: 11/30/2024

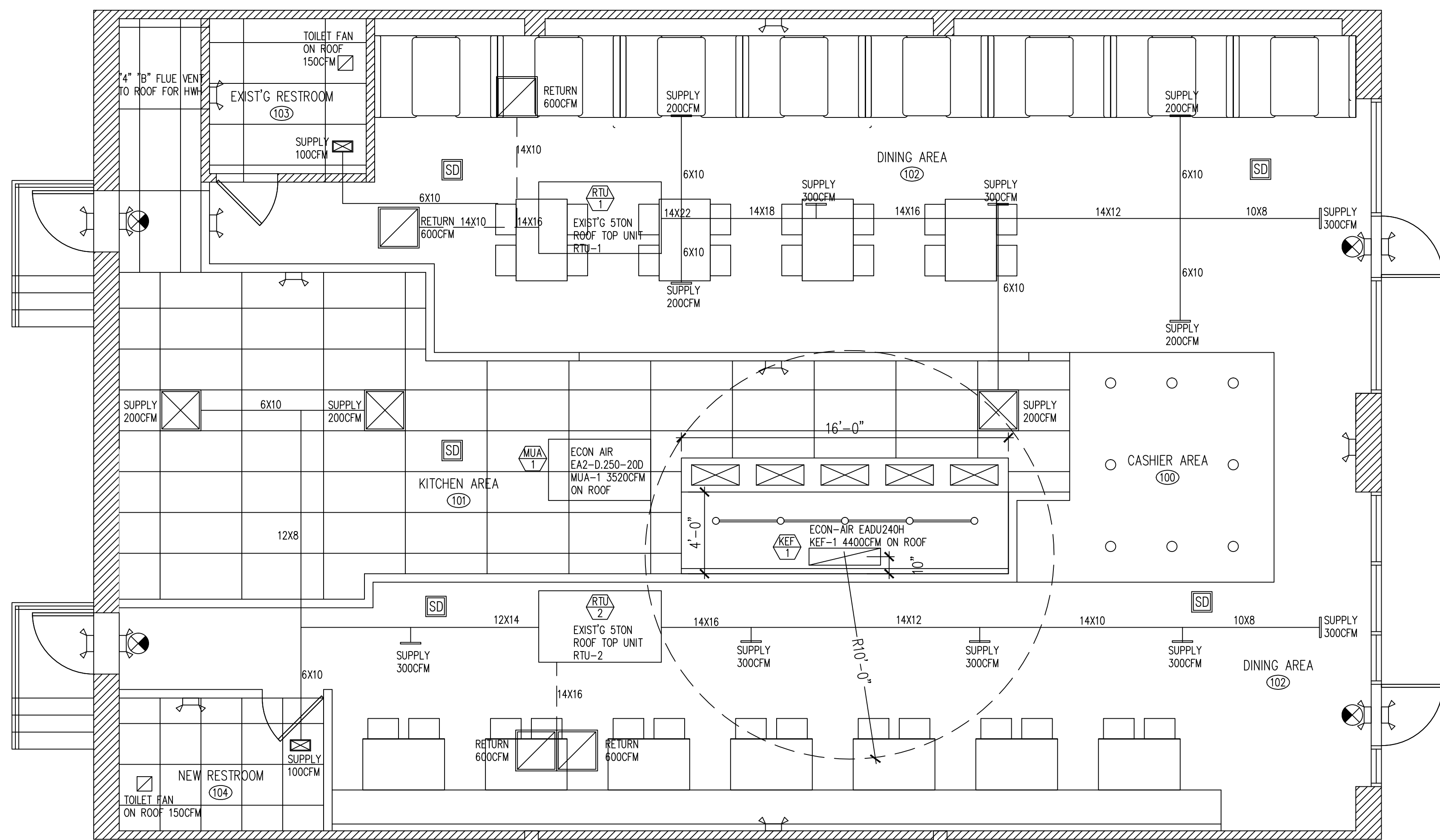
RESTAURANT INTERIOR REMODELING
1754 WABASH AVE SUITE B
SPRINGFIELD IL 62704

ISSUES	DATE
ISSUED FOR PERMIT	12/18/2022



ELECTRICAL PLANS & NOTES

SHEET NUMBER
E1



A MECHANICAL PLAN
SCALE 1/4"=1'-0"

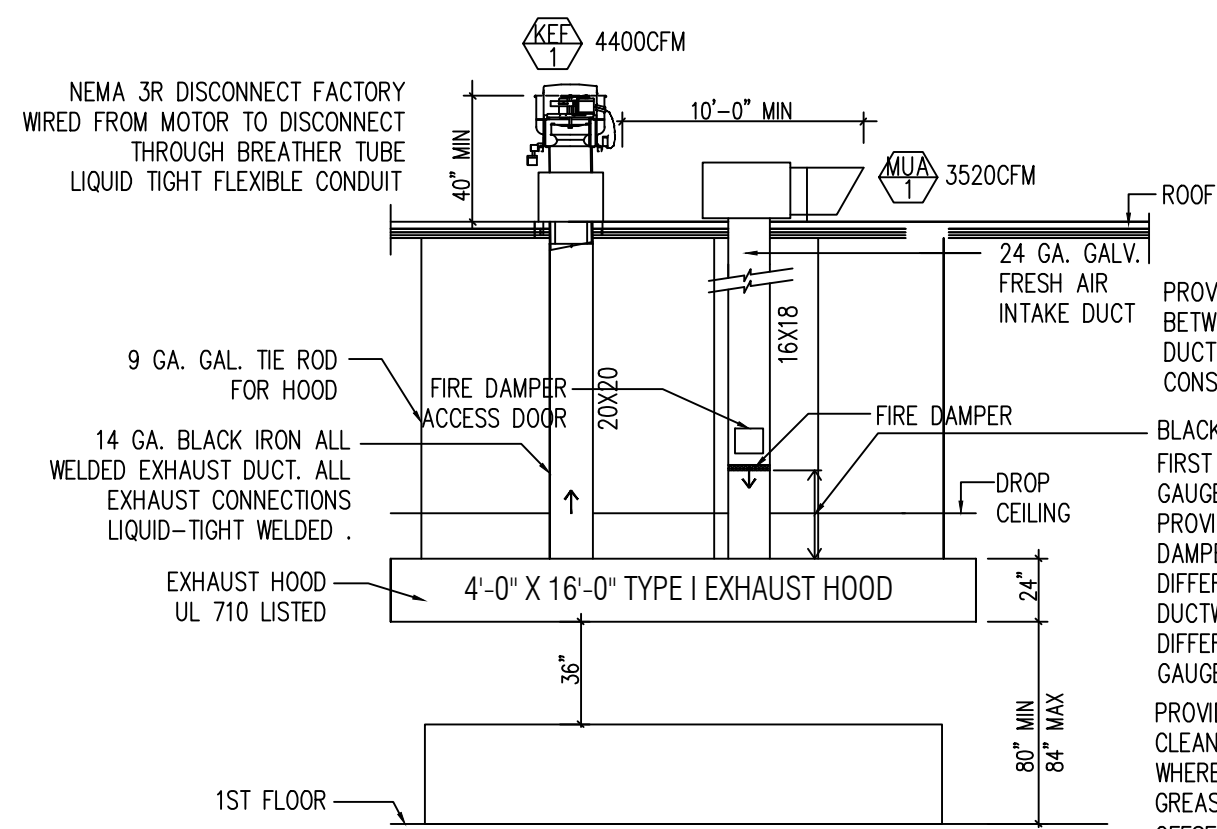
CALCULATIONS

EXHAUST HOOD KEF-1 SIZE: 16'-0" X 275CFM = 4400CFM
 ONE EXHAUST FAN: 20" X 20" DUCT SIZE @ 4400CFM / 2.78SF = 1582FPM

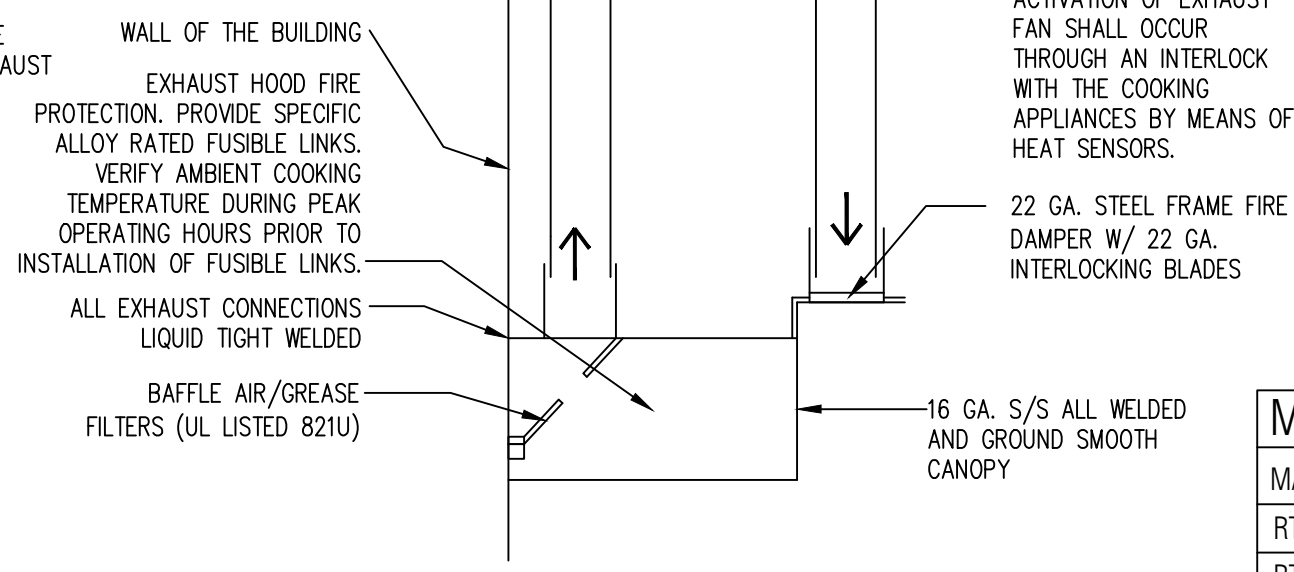
ONE MAKE UP AIR UNIT: MUA-1: 80% X 4400CFM = 3520CFM
 16" X 18" = 25" DUCT @ 1760FPM
 MAKE UP FROM KITCHEN = 600CFM

LOCATE INTAKE OPENING DISCHARGE MIN 10'-0" FROM ANY FAN NOT LESS THAN 2'-0" ABOVE THE ROOF
 ALL PLUMBING VENT TERMINALS SHALL BE LOCATED NOT LESS THAN 12'-0" HORIZONTALLY FROM ANY FRESH AIR INTAKE AT THE ROOF

MINIMUM 18 INCH CLEARANCE OF KITCHEN HOOD EXHAUST DUCT TO COMBUSTIBLE CONSTRUCTION.
 ALL PIPE PENETRATIONS OF THE HOOD(S) DUCTS SHALL BE LIQUID TIGHT (IMC 506.3.4)



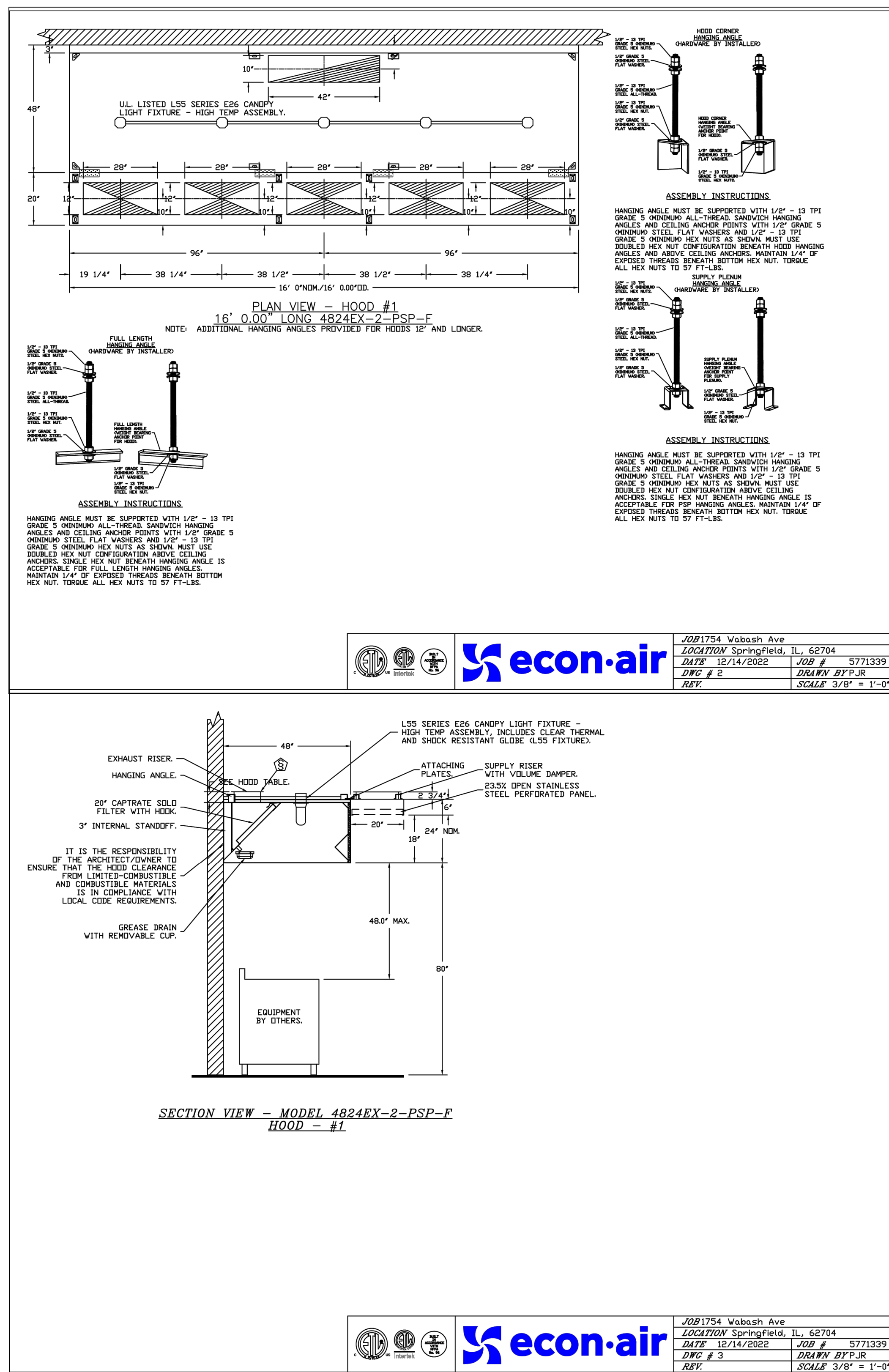
B KITCHEN TYPE 1 HOOD ELEVATION
NOT TO SCALE



C TYPE 1 HOOD SECTION
NOT TO SCALE

MECHANICAL EQUIPMENT SCHEDULE					
MARK	QTY.	MANUF.	MODEL	CFM	REMARKS
RTU-1	1	EXIST'G	EXIST'G	2000	120,000 BTU IN/100,000 BTU OUT W/ECONOMIZER
RTU-2	1	EXIST'G	EXIST'G	2000	120,000 BTU IN/100,000 BTU OUT W/ECONOMIZER
KEF-1	1	ECON-AIR	EADU240H	4400	KITCHEN TYPE I EXHAUST FAN
MUA-1	1	ECON-AIR	EA2-D.250-20D	3520	MAKE UP AIR UNIT ON ROOF
TEF-1	1	BY OWNER	BY OWNER	150	TOILET EXHAUST FAN ON ROOF
TEF-2	1	BY OWNER	BY OWNER	150	TOILET EXHAUST FAN ON ROOF

MECHANICAL VENTILATION SCHEDULE								
NUM	LOCATION	AREA	MECHANICAL VENTILATION (IMC 403.3 COMPL.)					EXHAUST
			CODE	ACTUAL	SUPPLY	EXHAUST	RETURN	
102	DINNING AREA	1400	735	3200	2400	RTU-1 & RTU-2, 33% F.A	RTU-1	
101	KITCHEN	600	90	600X0.7=420	3520+600	4400	KEF-1	
103	EXIST'G RESTROOM	63	N.R	150CFM	100	150	TEF-1	
104	NEW RESTROOM	48	N.R	150CFM	100	150	TEF-2	
TTL SUPPLY (RTU-1, RTU-2 AND MUA-1)				4000+3520				
TTL EXHAUST (KEF-1)				4400				
TOTAL RETURN AIR						2400		
TOTAL OUTDOOR AIR			825	PROVIDE 33% X 4000CFM = 1320CFM FRESH AIR THRU. EXIST'G RTU-1 & RTU-2 ECONOMIZER				



econ-air
 JOB#1754 Wabash Ave
 LOCATION Springfield, IL 62704
 DATE 12/14/2022 JOB # 5771339
 DWG # 2 DRAWN BY P.J.R.
 REV. SCALE 3/8" = 1'-0"

WEI TAN
 2425 S WENTWORTH AVE.
 CHICAGO IL 60616

PHONE: (312) 912-5798
 EMAIL: twarchitect98@yahoo.com

LICENSE NO. 001-022013
 EXPIRES: 11/30/2024

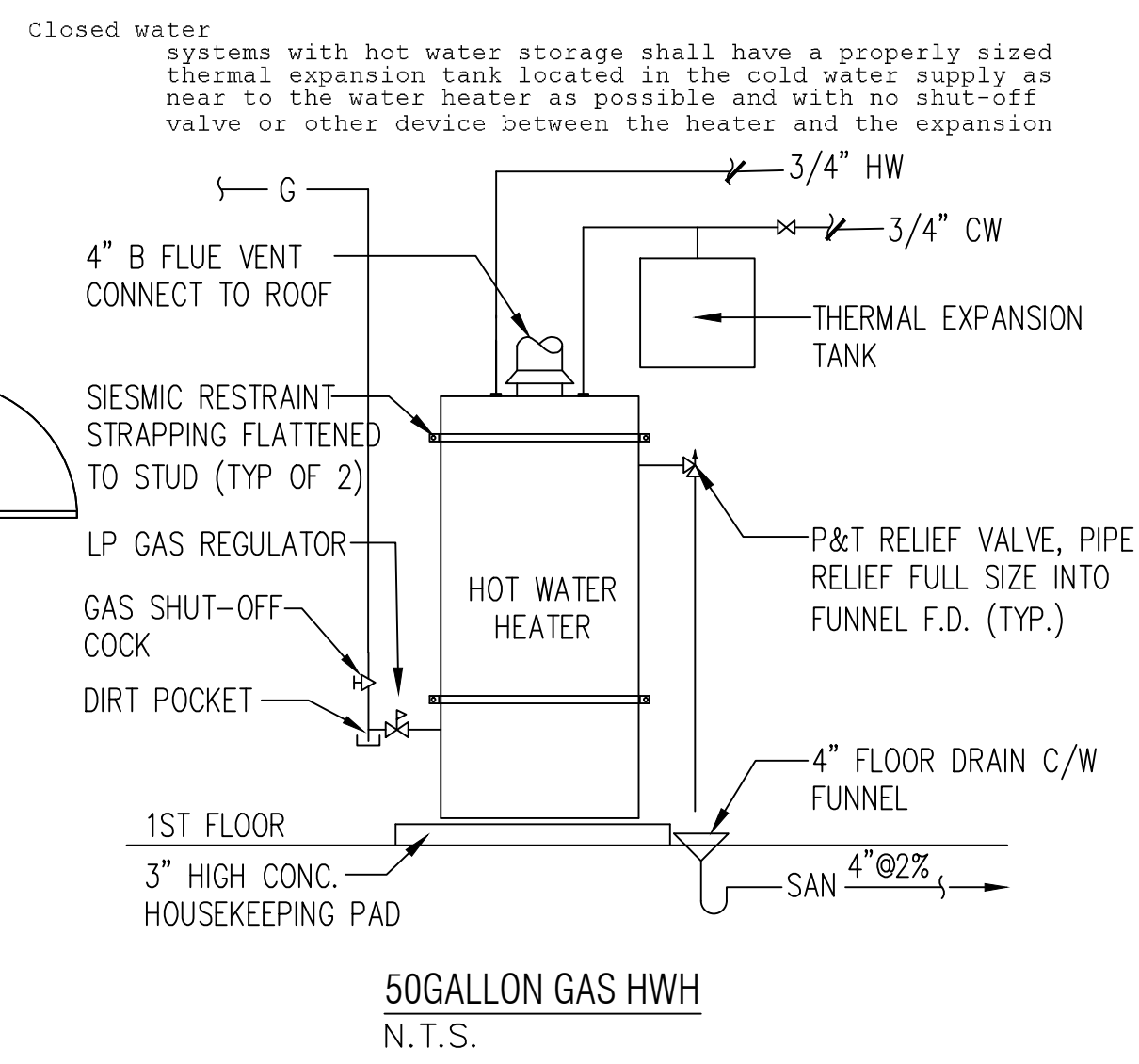
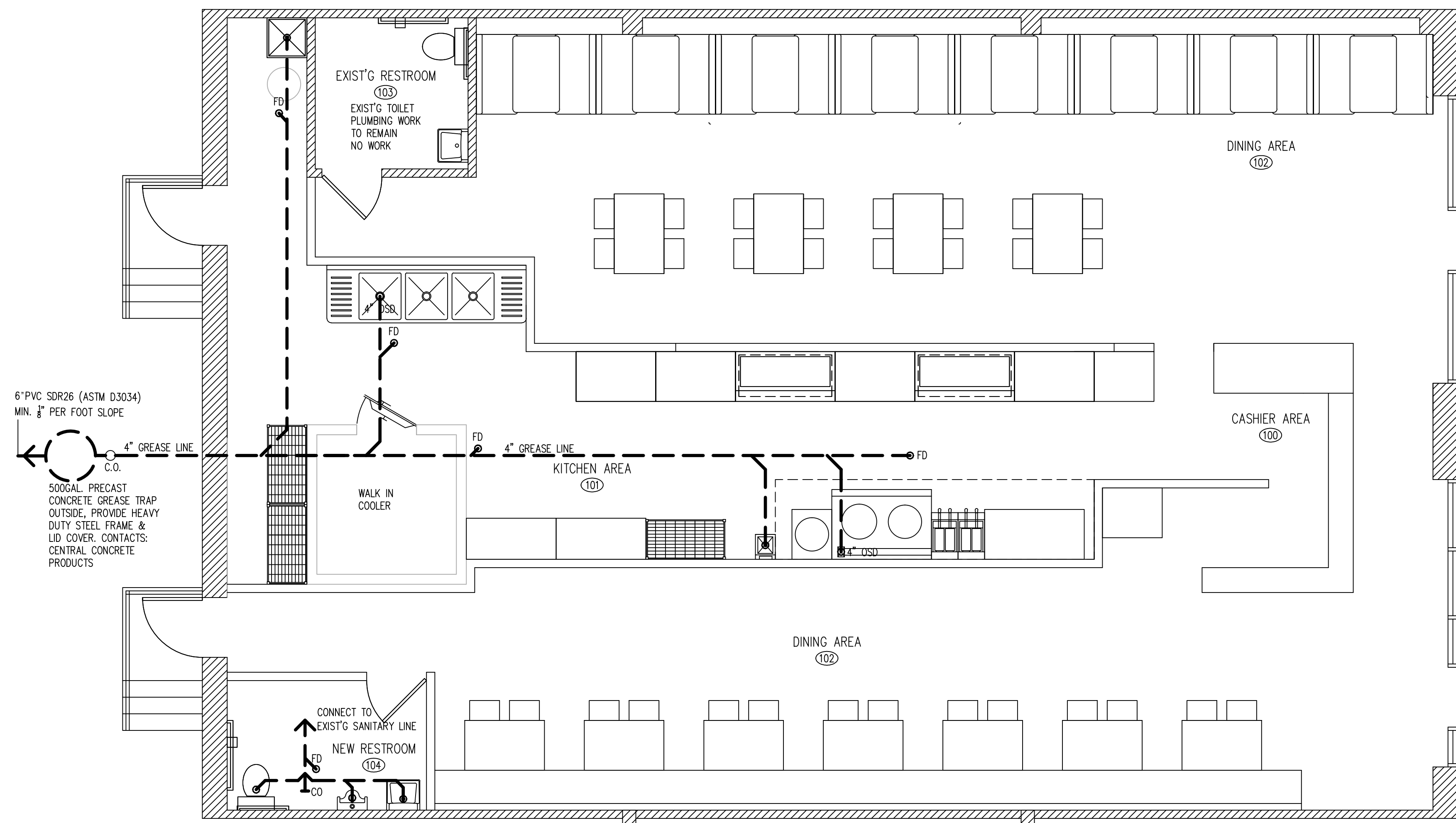
RESTAURANT INTERIOR REMODELING
 1754 WABASH AVE SUITE B
 SPRINGFIELD IL 62704

ISSUES	DATE
ISSUED FOR PERMIT	12/18/2022



MECHANICAL
 PLAN &
 SCHEDULES

SHEET NUMBER
M1



WATER USAGE CALCULATION

PLUMBING FIXTURES	NO.	LOAD VALVES IN WATER SUPPLY FIXTURES UNITS		TOTAL
		COLD	HOT	
WATER CLOSET	2	3		6
LAVATORY	2	1	1	4
URINAL	1	3		3
MOP SINK	1	3	3	4
3-COMP SINK	1	3	3	4
HAND SINK	1	1	1	2
CHINESE WOK	1	1		1
TOTAL				24

TOTAL 24WSFU, 17GPM DEMAND. METER SIZE REQUIRE 3/4", PIPE SIZE REQUIRE 1" AS PER TABLE N APPENDIX A

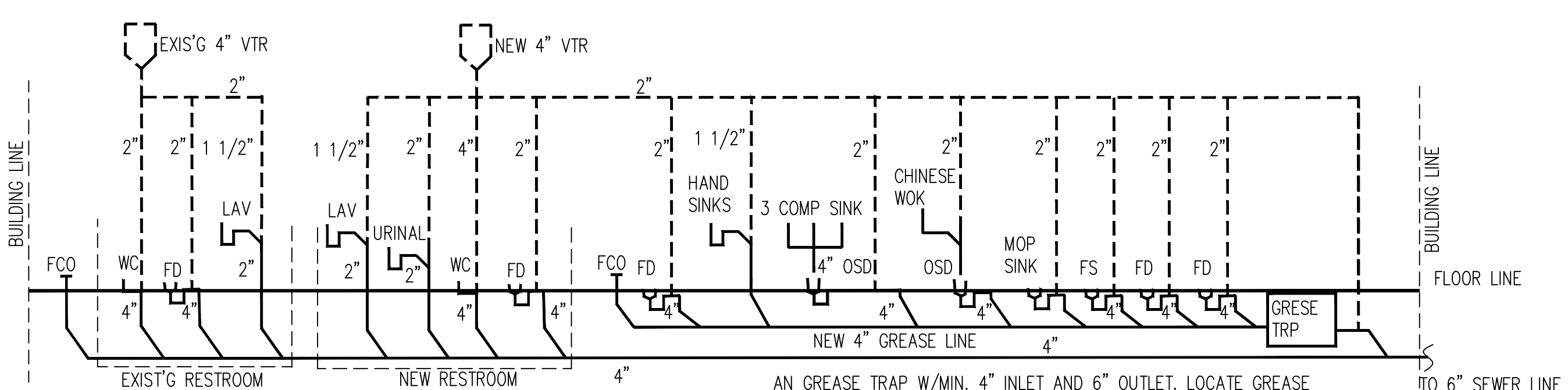
PLUMBING FIXTURES AND FITTINGS SCHEDULE

FIXTURE	MODEL	MODEL NO./REMARKS
WATER CLOSET	KOHLER	ADA COMPLAINT FLOOR MOUNTED
LAVATORY	KOHLER	ADA COMPLAINT WALL MOUNTED
URINAL	KOHLER	ADA COMPLAINT WALL MOUNTED
FAUCET	KOHLER	ADA COMPLAINT ASME/ANSI 116/117 COMPLIANT SET TO 110F MAX
TEMPERING VALVE	WATTS	1170-M2
TOILET PAPER DISPENSER	BOBRICK	B5288 ADA
GRAB BARS	BOBRICK	B66806 SERIES, 36" AND 42"
SOAP DISPENSER	BOBRICK	B82216 SURFACE MOUNTED
MIRROR	BOBRICK	B-165 (ADA COMPLAINT)
TRASH RECEPTACLE	BOBRICK	B-275 WALL MOUNTED
PAPER TOWEL DISPENSER		38" AFF FOR ACCESSIBILITY

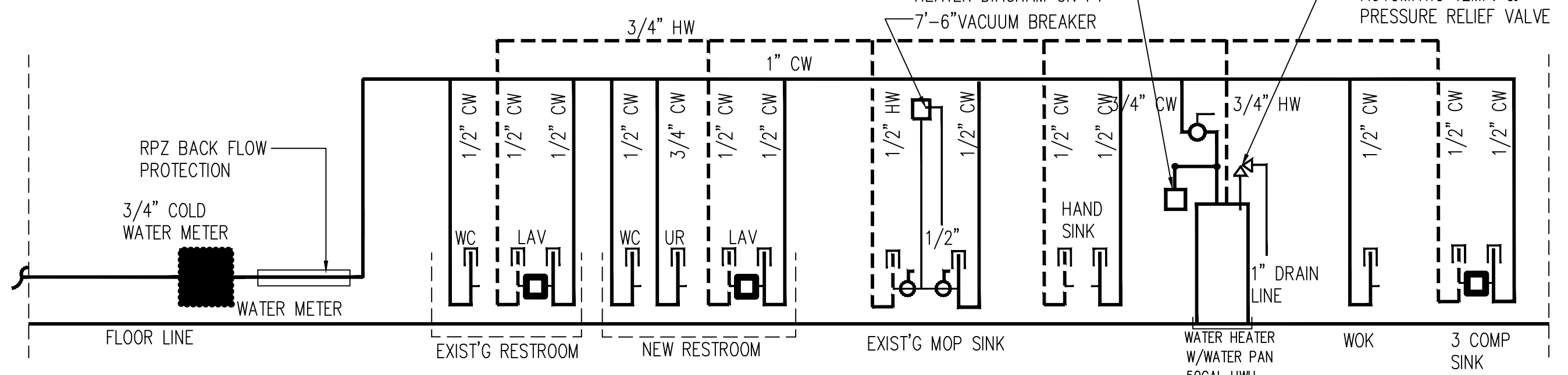
PLUMBING FIXTURES

PLUMBING FIXTURES	QTY	COMMENT
WATER CLOSET	2	
LAVATORY	2	
HAND SINK	1	
3 COMP SINK	1	
MOP SINK	1	
50 GALLON HWH	1	
URINAL	1	
TOTAL	9	

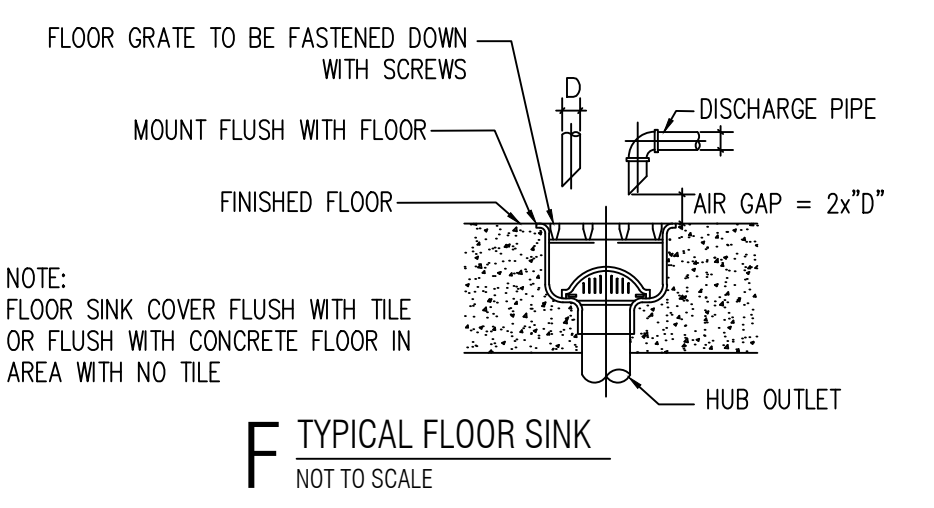
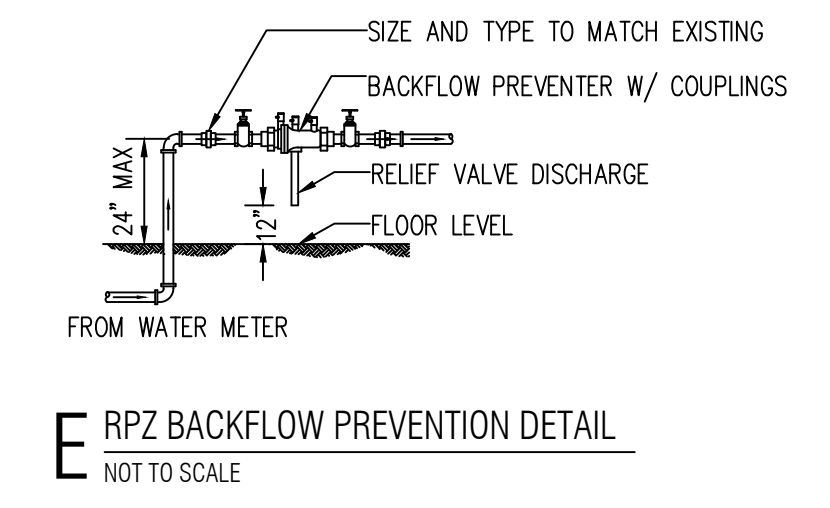
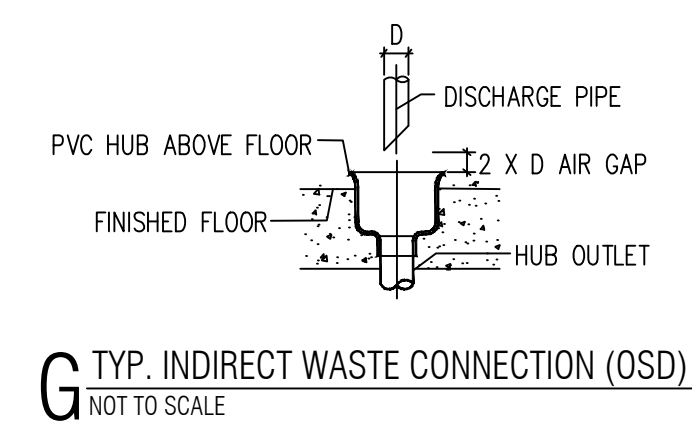
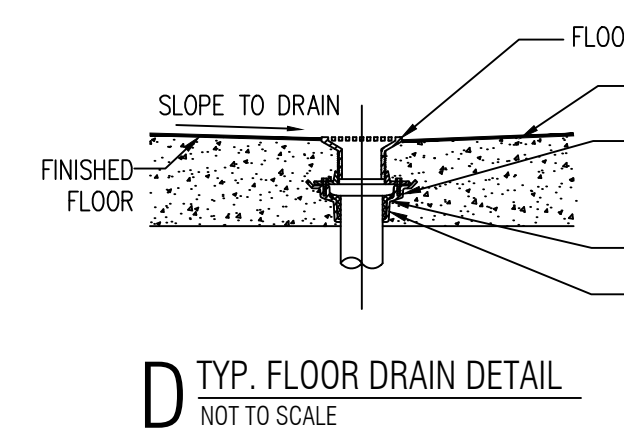
A PLUMBING PLAN
SCALE 1/4" = 1'-0"



B WASTE RISER DIAGRAM
NOT TO SCALE



C SUPPLY RISER DIAGRAM
NOT TO SCALE



PLUMBING NOTES

- ALL WATER INLETS MUST HAVE AN AIR GAP BETWEEN THE WATER INLET AND THE FIXTURE IT IS SERVING. THE AIR GAP MUST BE TWICE THE DIAMETER OF THE WATER INLET.
- PROVIDE VACUUM BREAKERS ON SUBMERGED INLETS SUCH AS WATER CLOSETS, MOP SINK FAUCET AND ANY THREADED WATER OUTLET. PROVIDE DOUBLE CHECK VALVES WITH ATMOSPHERIC VENTS OR REDUCED PRESSURE ZONED BACKFLOW PREVENTERS CAPABLE OF BEING SUBMERGED ON WATER INLETS WHERE YOU CANNOT INSTALL A VACUUM BREAKER AFTER THE LAST SHUT OFF VALVE OR SOLENOID SWITCH SUCH AS THE PRE-WASH SPRAYER.
- INSTALL WATTS 9D SERIES DUAL CHECK VALVE WITH INTERMEDIATE ATMOSPHERIC VENT BACKFLOW PREVENTOR
- TO PREVENT BACKFLOW FROM CHEMICAL SYSTEM AT 3 COMP SINK, PROVIDE AN ECO-LAB PATHWAYS ELECTRONIC UNIT OR EQUIVALENT. THERE SHALL BE NO DRILLING OR TAPPING OF ANY PORTABLE WATER SUPPLY PIPE, FITTING OR FIXTURE FITTING FOR THE PURPOSE OF INTRODUCING SUCH CHEMICALS.
- INDIRECT WASTE DRAINS ARE REQUIRED AT ALL THREE COMPARTMENT SINKS, WALK-IN COOLERS/FREEZERS CONDENSATE, OR ANY FOOD RELATED EQUIPMENT REQUIRING DRAINAGE.
- PROVIDE ALL LABOR, MATERIALS, REQUIRED PERMITS, INSPECTION FEE NECESSARY FOR AND INCIDENTAL TO THE INSTALLATION OF COMPLETE PLUMBING SYSTEM INCLUDING ALL PIPES FITTINGS EQUIPMENTS AND NECESSARY APPURTENANCE.
- ALL PLUMBING INSTALLATIONS SHALL MEET STATE OF ILLINOIS, HEALTH DEPARTMENT REQUIREMENTS.
- SIZE AND LOCATION OF GREASE TRAP SHALL MEET LOCAL CODE REQUIREMENT. OBTAIN AND PAY FOR PERMITS AND FEES FROM LOCAL SANITARY DISTRICT HAVING JURISDICTION.
- ALL ABOVE GROUND SUPPLY WATER PIPING SHALL BE COPPER TYPE L. ABOVE GROUND WASTE / VENT PIPING SHALL CONFORM TO 2014 ILLINOIS PLUMBING CODE. UNDERGROUND WASTE & VENT PIPING SHALL CONFORM TO 2014 ILLINOIS PLUMBING CODE. SEWER AND WASTE PIPING SHALL BE PRESSURE TESTED PER LOCAL PLUMBING CODE.

WEI TAN
2425 S WENTWORTH AVE.
CHICAGO IL 60616
PHONE: (312) 912-5798
EMAIL: twarchitect98@yahoo.com
LICENSE NO: 001-022013
EXPIRES: 11/30/2024

RESTAURANT INTERIOR REMODELING
1754 WABASH AVE SUITE B
SPRINGFIELD IL 62704

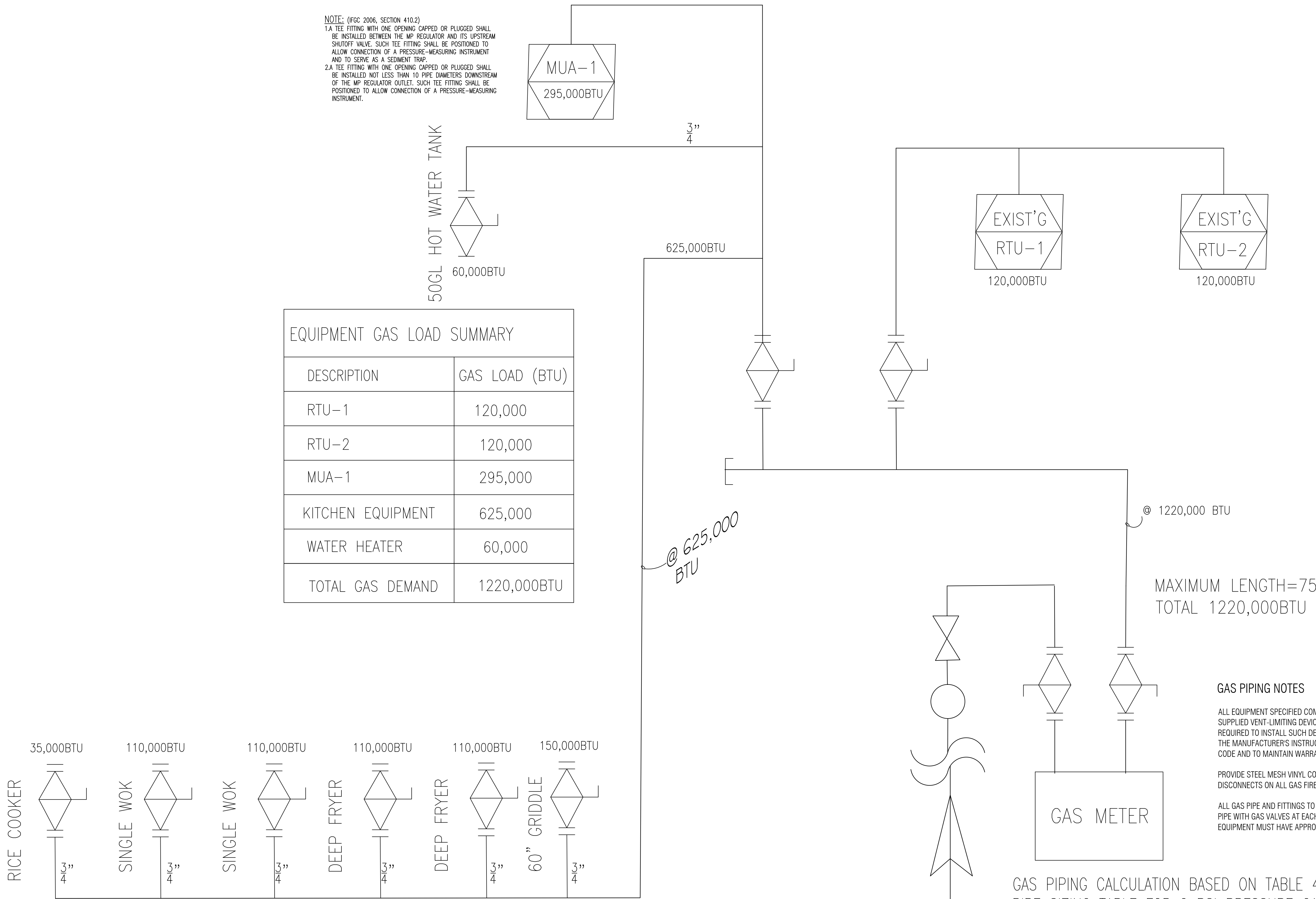
ISSUES	DATE
ISSUED FOR PERMIT	12/18/2022



PLUMBING PLAN & NOTES

SHEET NUMBER
P1

NOTE: (IFGC 2006, SECTION 410.2)
 1.A TEE FITTING WITH ONE OPENING CAPPED OR PLUGGED SHALL BE INSTALLED BETWEEN THE MP REGULATOR AND ITS UPSTREAM SHUTOFF VALVE. SUCH TEE FITTING SHALL BE POSITIONED TO ALLOW CONNECTION OF A PRESSURE-MEASURING INSTRUMENT AND TO SERVE AS A SEDIMENT TRAP.
 2.A TEE FITTING WITH ONE OPENING CAPPED OR PLUGGED SHALL BE INSTALLED NOT LESS THAN 10 PIPE DIAMETERS DOWNSTREAM OF THE MP REGULATOR OUTLET. SUCH TEE FITTING SHALL BE POSITIONED TO ALLOW CONNECTION OF A PRESSURE-MEASURING INSTRUMENT.



EQUIPMENT GAS LOAD SUMMARY	
DESCRIPTION	GAS LOAD (BTU)
RTU-1	120,000
RTU-2	120,000
MUA-1	295,000
KITCHEN EQUIPMENT	625,000
WATER HEATER	60,000
TOTAL GAS DEMAND	1220,000 BTU

GAS RISER DIAGRAM

SCALE: N.T.S.

MAXIMUM LENGTH=75'
 TOTAL 1220,000 BTU

GAS PIPING NOTES

ALL EQUIPMENT SPECIFIED COME WITH MANUFACTURER SUPPLIED VENT-LIMITING DEVICES. CONTRACTOR IS REQUIRED TO INSTALL SUCH DEVICES IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS TO MEET IFG 410.2 CODE AND TO MAINTAIN WARRANTY.

PROVIDE STEEL MESH VINYL COATED GAS LINES WITH QUICK DISCONNECTS ON ALL GAS FIRED EQUIPMENT.

ALL GAS PIPE AND FITTINGS TO BE SCHEDULE 40 BLACK GAS PIPE WITH GAS VALVES AT EACH APPLIANCE. KITCHEN EQUIPMENT MUST HAVE APPROVED GAS CONNECTORS.

GAS PIPING CALCULATION BASED ON TABLE 402 (3) OF IFGC-2006 EDITION PIPE SIZING TABLE FOR 2 PSI PRESSURE CAPACITY OF PIPES OF DIFFERENT DIAMETERS AND LENGTHS IN CUBIC FEET PER HOUR FOR AN INITIAL PRESSURE OF 2.0 PSI WITH A 1.0 PSI PRESSURE DROP AND A GAS OF 0.6 SPECIFIC GRAVITY

TOTAL RUN FROM POINTS OF DELIVERY TO THE REMOTE OUTLET 75'-0" FT.
 TOTAL BTU = 1220,000 BTU

WEI TAN
 2425 S WENTWORTH AVE.
 CHICAGO IL 60616
 PHONE: (312) 912-5798
 EMAIL: twarchitect98@yahoo.com
 LICENSE NO: 001-022013
 EXPIRES: 11/30/2024

RESTAURANT INTERIOR REMODELING
 1754 WABASH AVE SUITE B
 SPRINGFIELD IL 62704

ISSUES	DATE
ISSUED FOR PERMIT	12/18/2022



GAS PIPING PLAN & NOTES

SHEET NUMBER

P2