

# Renovations & Alterations

for

# Rajeev Kumar

2028 North Church Street

# Jonesboro Arkansas



7-11-22

**Code Information:**  
 International Building Code, 2012 Edition, (with 2007 State Addmenments)  
 NFPA 101 Life Safety Code, 2006 Edition  
 Arkansas Fire Prevention Code, 2012 Edition, Vol. 1, 2 & 3  
 Hvac-Mechanical Code-2010 IMC  
 2017 National Electrical Code  
 2014 Arkansas Energy Code for New Building Construction  
 Plumbing Code-2006 ASPC  
 Gas Code-2006 Arkansas Gas Code  
 Arkansas Architectural Barriers Law ANSI 117. 2010  
 2010 ADA Standards for Accessible Design

**Occupancy:** Mercantile, Group M,  
**Type of Construction:** Type 5-B, Non-Sprinkled  
**Building Size:** One Story, S.F. 3,400  
**Allowable:** Two Story, 9,000 S. F.  
**Area Increase Modification:** Not Required  
**Occupancy Load:** 34 using Table 1004.1.2  
**Fire Resistive Construction:** Table 508.3.3; None Required  
**Fire Protection Systems:** Fire Alarm Not Required  
**Fire Sprinkler Systems:** Not Required  
**Means of Egress:** 200' Max. Travel Distance  
 20' Max. Dead end Corridor  
 0.2' per Occupant Exit Width = 22.0' Req'd  
 Minimum No. Exits: 2, 3 provided  
 Minimum Exit Width: 32"  
**Seismic Zone:** 3

I HEREBY CERTIFY THAT THESE PLANS AND SPECIFICATIONS HAVE BEEN PREPARED BY ME OR UNDER MY SUPERVISION. I FURTHER CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THESE PLANS AND SPECIFICATIONS ARE AS REQUIRED BY LAW AND IN COMPLIANCE WITH THE ARKANSAS FIRE PREVENTION CODE FOR THE STATE OF ARKANSAS.

Ray Lindsey  
 RAY LINDSEY, AIA, ARCHITECT

*RAY LINDSEY, A. I. A.*

*Architect*  
 raylin8maeshu@gmail.com 870-215-3029

318 Greene Road #792  
 Paragould, AR 72450  
 870-215-3029

None-Existing

Fire Rated Assemblies

None Required

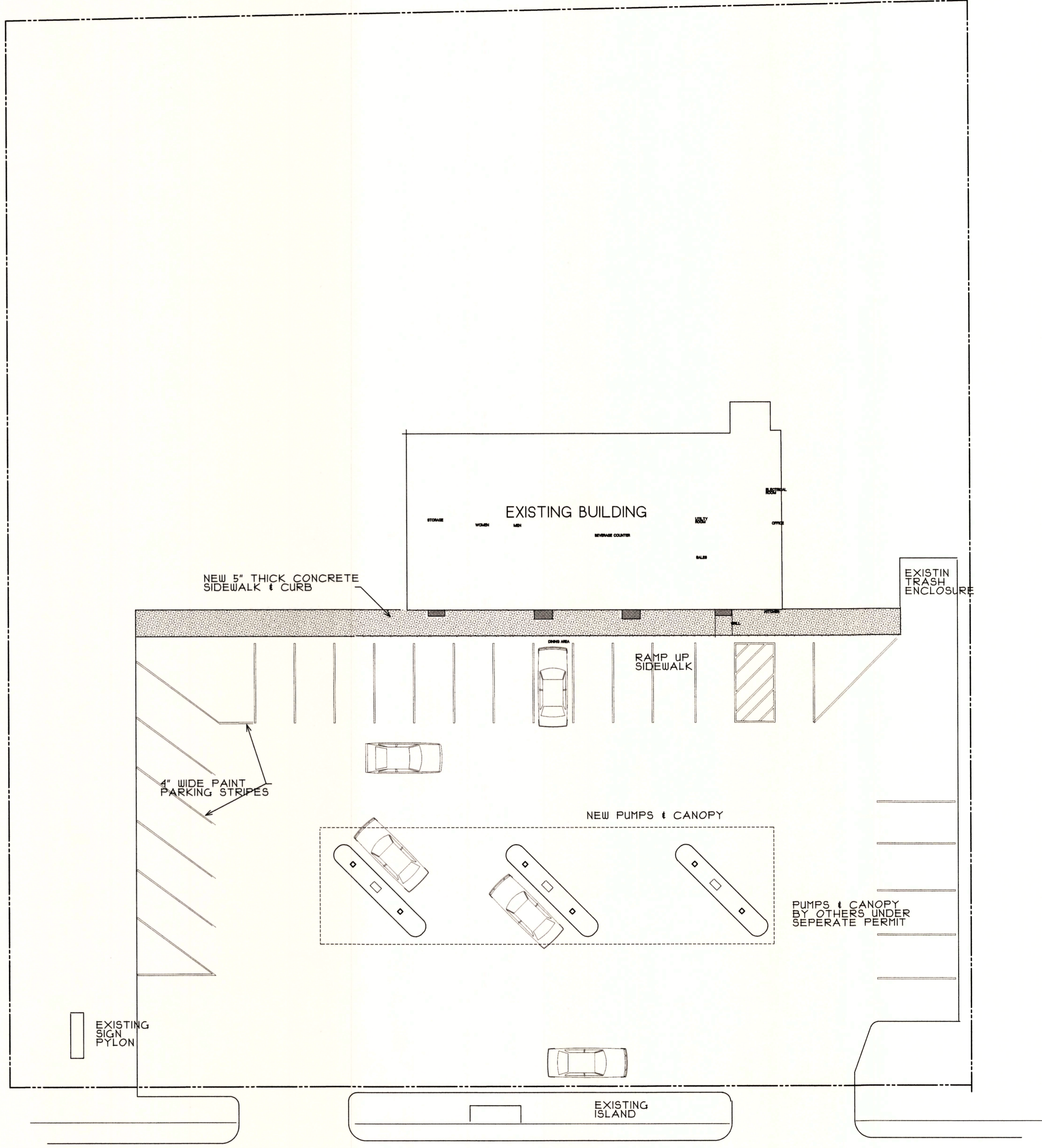
Delayed Submittals

SCHEDULE OF SPECIAL INSPECTION SERVICES				
MATERIAL / ACTIVITY	SERVICE	APPLICABLE TO THIS PROJECT		
		Y/N	EXTENT	AGENT
				DATE COMPLETED
<b>1043 INSPECTION OF FABRICATION</b>				
VERIFY FABRICATION/QUALITY CONTROL PROCEDURES	IN-PLANT REVIEW		PERIODIC	6
<b>1043 STEEL CONSTRUCTION</b>				
MATERIAL VERIFICATION OF HIGH-STRENGTH BOLTS NUTS WASHER	REVIEW MARKINGS		PERIODIC	1
INSPECTION OF HIGH-STRENGTH BUILDING	FIELD INSPECTION		PERIODIC	1
A BEARING TYPE CONNECTIONS			PERIODIC	1
STRUCTURAL STEEL WELDING	SHOP & FIELD INSPECTION		PERIODIC	1
A COMPLETE & PARTIAL PENETRATION GROOVE WELDS			CONTINUOUS	1
B SINGLE V-GROOVE WELDS 5/8"			PERIODIC	1
X FLOOR & DECK WELDS			PERIODIC	1
INSPECTION OF STEEL FRAME JOINT DETAILS FOR COMPLIANCE WITH APPROVED CONSTRUCTION DOCUMENTS	FIELD INSPECTION		PERIODIC	2.3
<b>1044 CONCRETE CONSTRUCTION</b>				
INSPECTION OF REINFORCING STEEL INSTALLATION	FIELD INSPECTION		PERIODIC	2.3
INSPECTION OF ANCHOR BOLTS TO BE INSTALLED IN CONCRETE PRIOR TO PLACEMENT OF CONCRETE WHERE ALLOWABLE STRESS HAS BEEN DETERMINED PER SECTION 1043.5.3 OR THREE TENSILE JOINTS IS USED	FIELD INSPECTION		CONTINUOUS	2.3
INSPECTION OF ANCHORS INSTALLED IN HARDENED CONCRETE	FIELD INSPECTION		PERIODIC	3
FRESH CONCRETE SAMPLING	FIELD TESTING		CONTINUOUS	1
<b>1045 MASONRY CONSTRUCTION (LEVEL 3)</b>				
VERIFY LOCATION OF REINFORCEMENT, CONNECTORS & ANCHORAGES	FIELD INSPECTION		PERIODIC	3
VERIFY TYPE, SIZE & LOCATION OF MASONRY TO STRUCTURAL MEMBERS/FRAMES OR OTHER CONSTRUCTION	FIELD INSPECTION		PERIODIC	3
VERIFY REINFORCEMENT TYPE & TYPE OF REINFORCEMENT	FIELD INSPECTION		PERIODIC	3
VERIFY PLACEMENT OF REINFORCEMENT, CONNECTORS, AND ANCHORAGES PRIOR TO CASTING	FIELD INSPECTION		PERIODIC	3
<b>1047 SOILS</b>				
VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE DESIGN BEARING CAPACITY	FIELD INSPECTION		PERIODIC	1
VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIALS	FIELD INSPECTION		PERIODIC	1
PERFORM CLASSIFICATION AND TESTING OF CONTROLLED FILL MATERIALS	FIELD INSPECTION		PERIODIC	1
VERIFY SITE PREPARATION COMPLES WITH APPROVED SOILS REPORT	FIELD INSPECTION		CONTINUOUS	1
VERIFY USE OF PROPER MATERIALS, IDENTITIES AND LIFT THICKNESSES	FIELD INSPECTION		CONTINUOUS	1
PRIOR TO PLACEMENT OF CONTROLLED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN REHAIR PROPER	FIELD INSPECTION		PERIODIC	1
VERIFY DENSITY OF COMPACTED FILL COMPLES WITH APPROVED SOILS REPORT	FIELD INSPECTION		PERIODIC	1
<b>1048 STRUCTURAL STEEL SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE</b>				
CONTINUOUS INSPECTION OF STRUCTURAL WELDING IN ACCORDANCE WITH ASD OR SEISMIC PROVISIONS	FIELD INSPECTION		CONTINUOUS	1
<b>1049 MECHANICAL &amp; ELECTRICAL COMPONENTS SPECIAL INSPECTIONS FOR SEISMIC</b>				
INSPECTION OF ELECTRICAL EQUIPMENT ANCHORAGE	FIELD INSPECTION		PERIODIC	5
INSPECTION OF HVAC AND PLUMBING EQUIPMENT ANCHORAGE PER SPECIFICATIONS AND DRAWINGS	FIELD INSPECTION		PERIODIC	4
<b>INSPECTION AGENCIES</b>				
1 TESTING AGENCY				
2 ARCHITECT				
3 STRUCTURAL ENGINEER				
4 MECHANICAL ENGINEER				
5 ELECTRICAL ENGINEER				
6 STEEL FABRICATOR				

Code Information

Project Architect

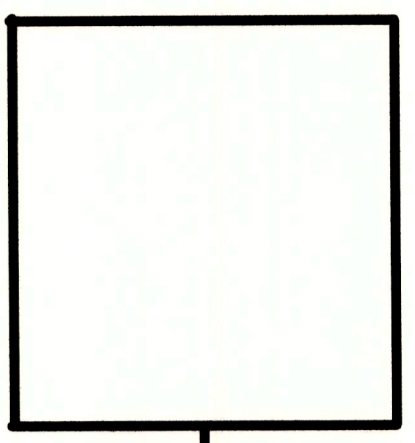
Special Inspections



SITE PLAN

23 PARKING SPACES (2 HDCP)

1/16" = 1'-0"



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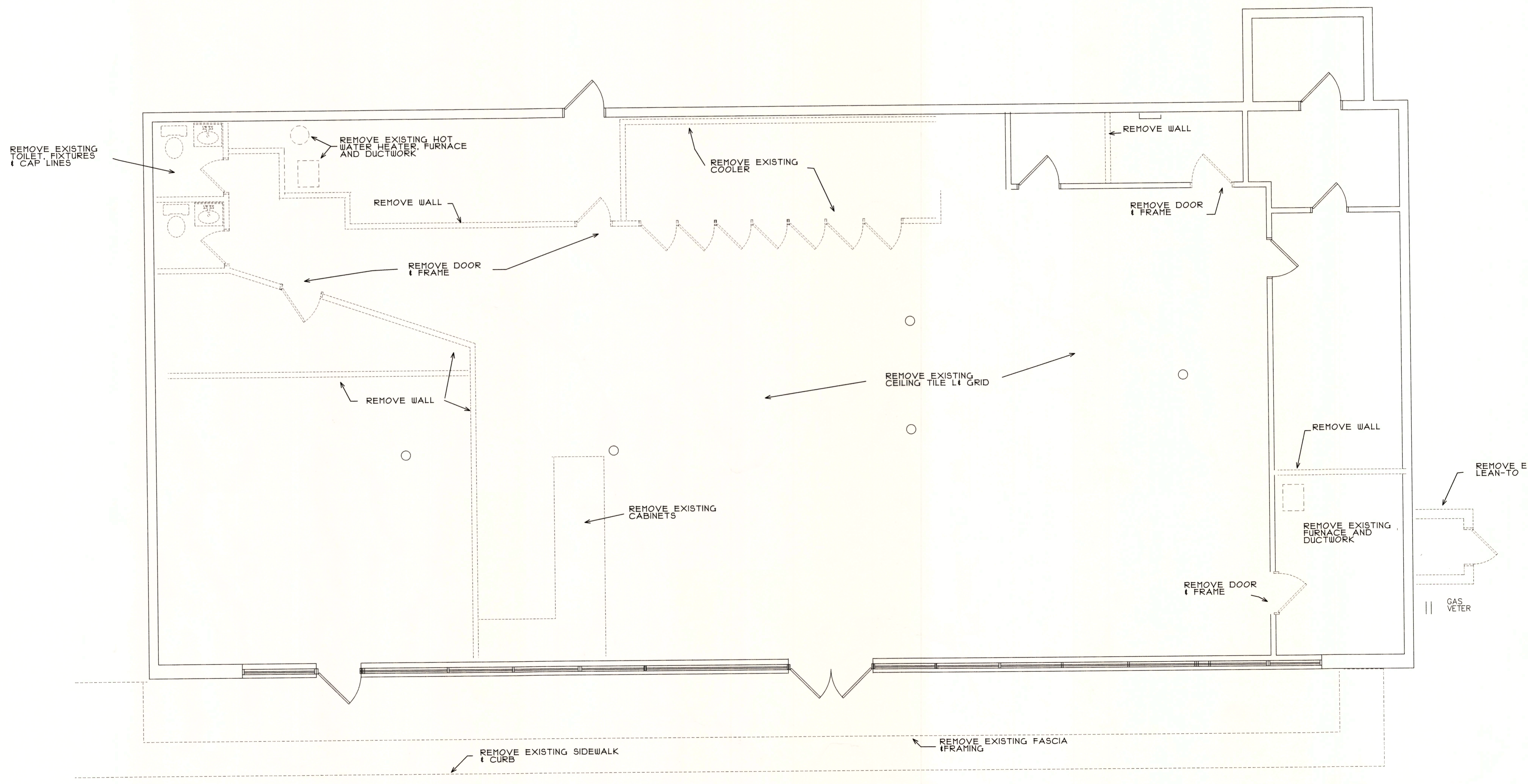
Alterations & Renovations

for  
*Rajeev Kumar*

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Jonesboro Arkansas

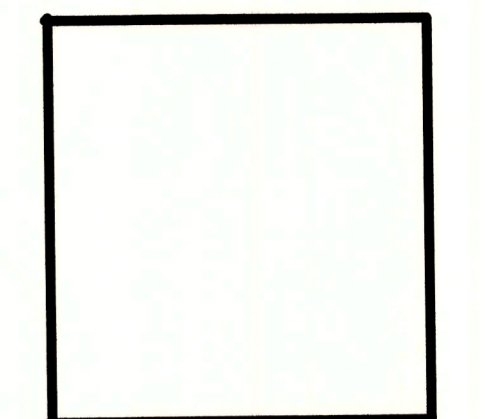
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Date: 8-1-22  
Job No: 90522

Revised:  
Revision No:  
C-1



DEMOLITION PLAN

1/4" = 1'-0"



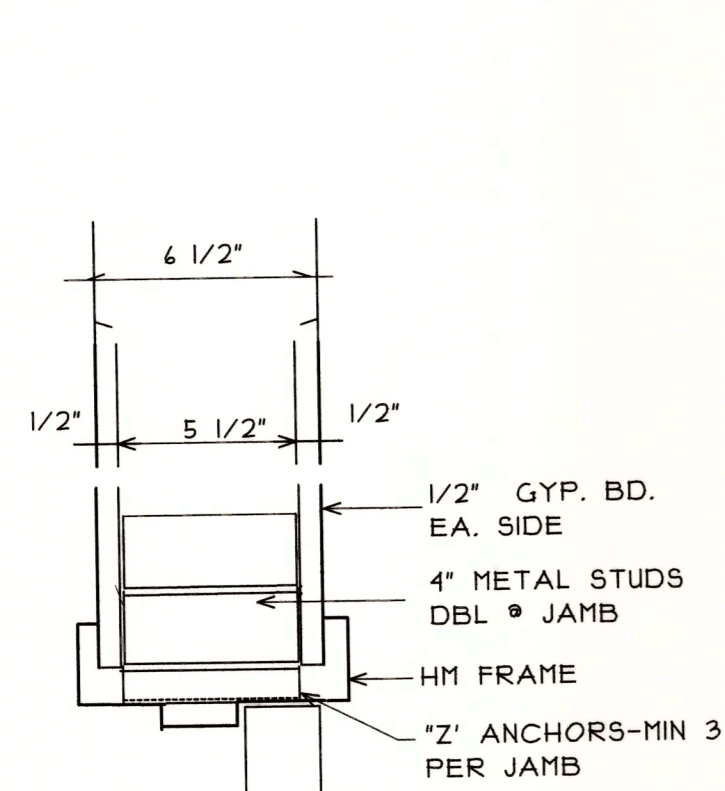
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FRAME DETAIL 1

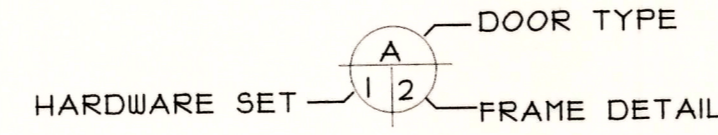


3" = 1'-0"

DOOR TYPE SCHEDULE

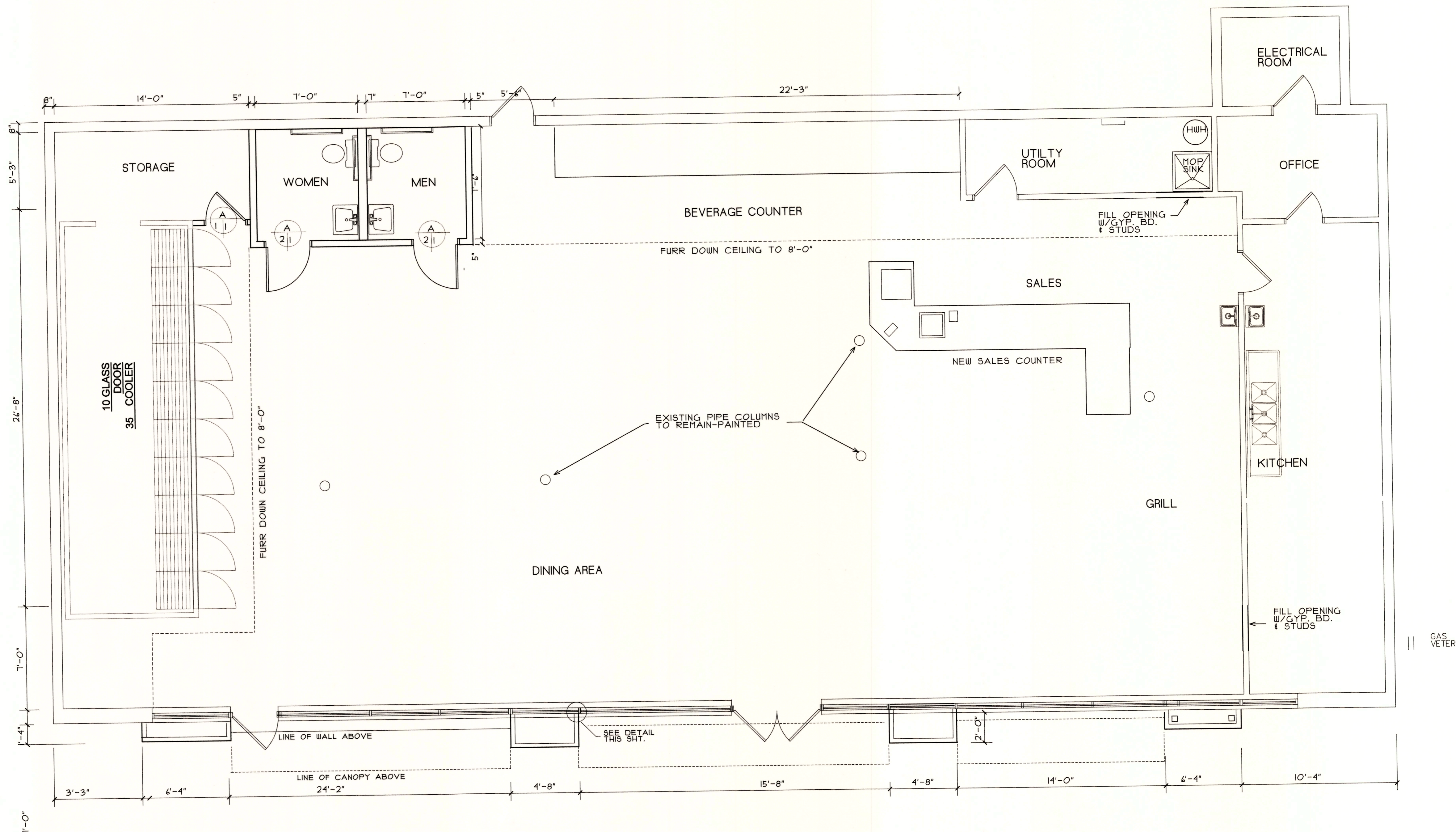
DOOR HARDWARE SCHEDULE

- 1 - LOCKSET, CLOSER
- 2 - PRIVACY SET, CLOSER



ROOM FINISH SCHEDULE

ROOM NAME	FLOOR	BASE	WALLS	MISC.	CEILING	CLG HGT	REMARKS
SALES							
DINING AREA							
SERVING AREA							
KITCHEN							
GRILL							
STORAGE							
OFFICE							
CASHIER							
BEVERAGE COUNTER							
MEN							
WOMEN							
UTILITY ROOM							
ELECTRICAL ROOM							

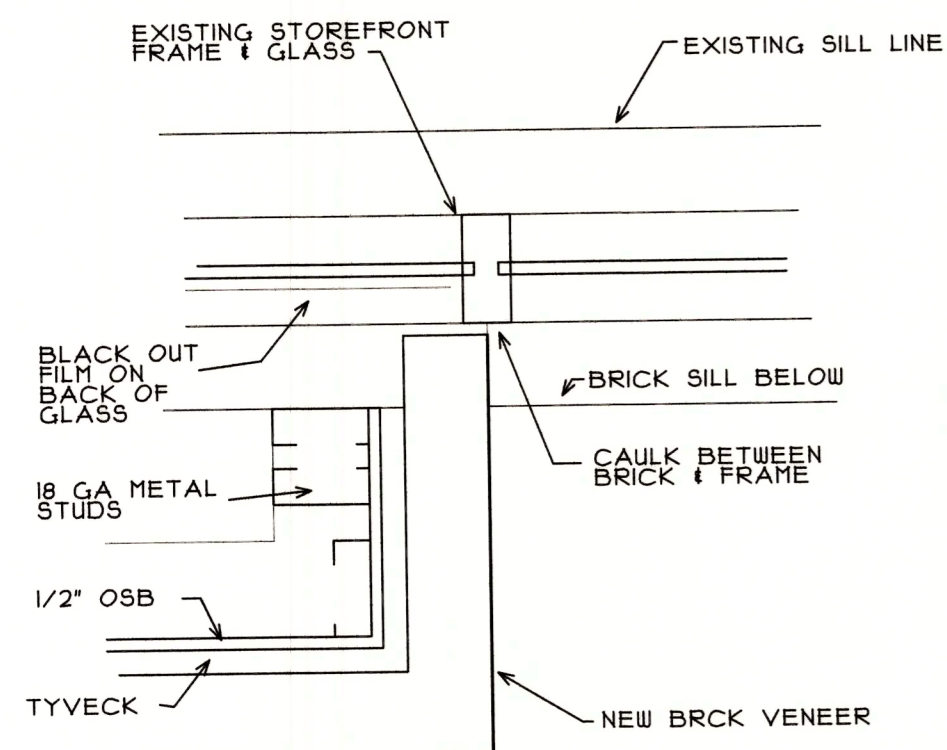


FLOOR PLAN

1/4" = 1'-0"

BRICK TO GLASS DET.

1/4" = 1'-0"



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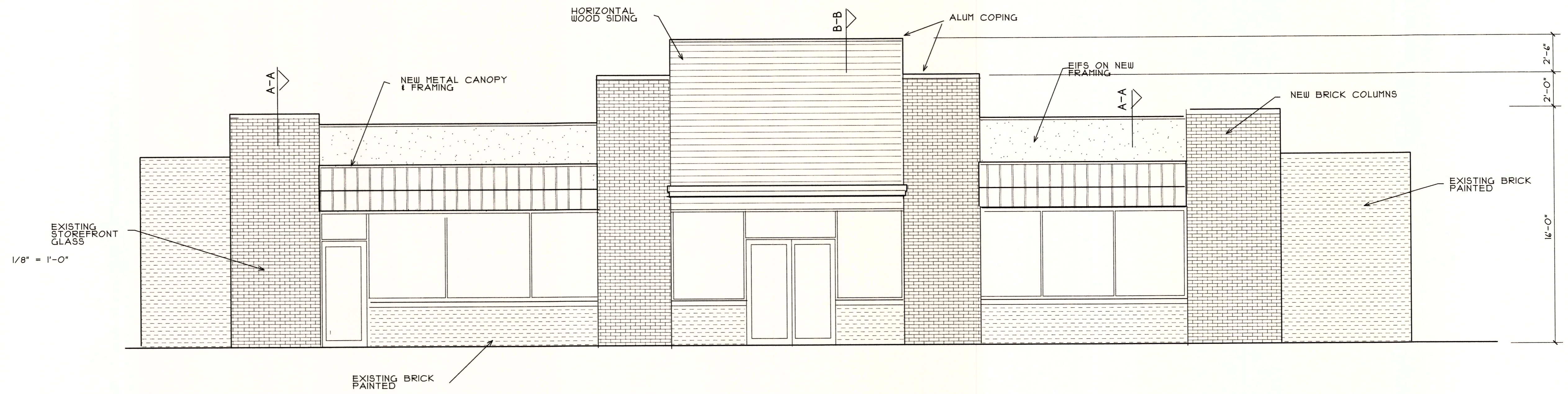
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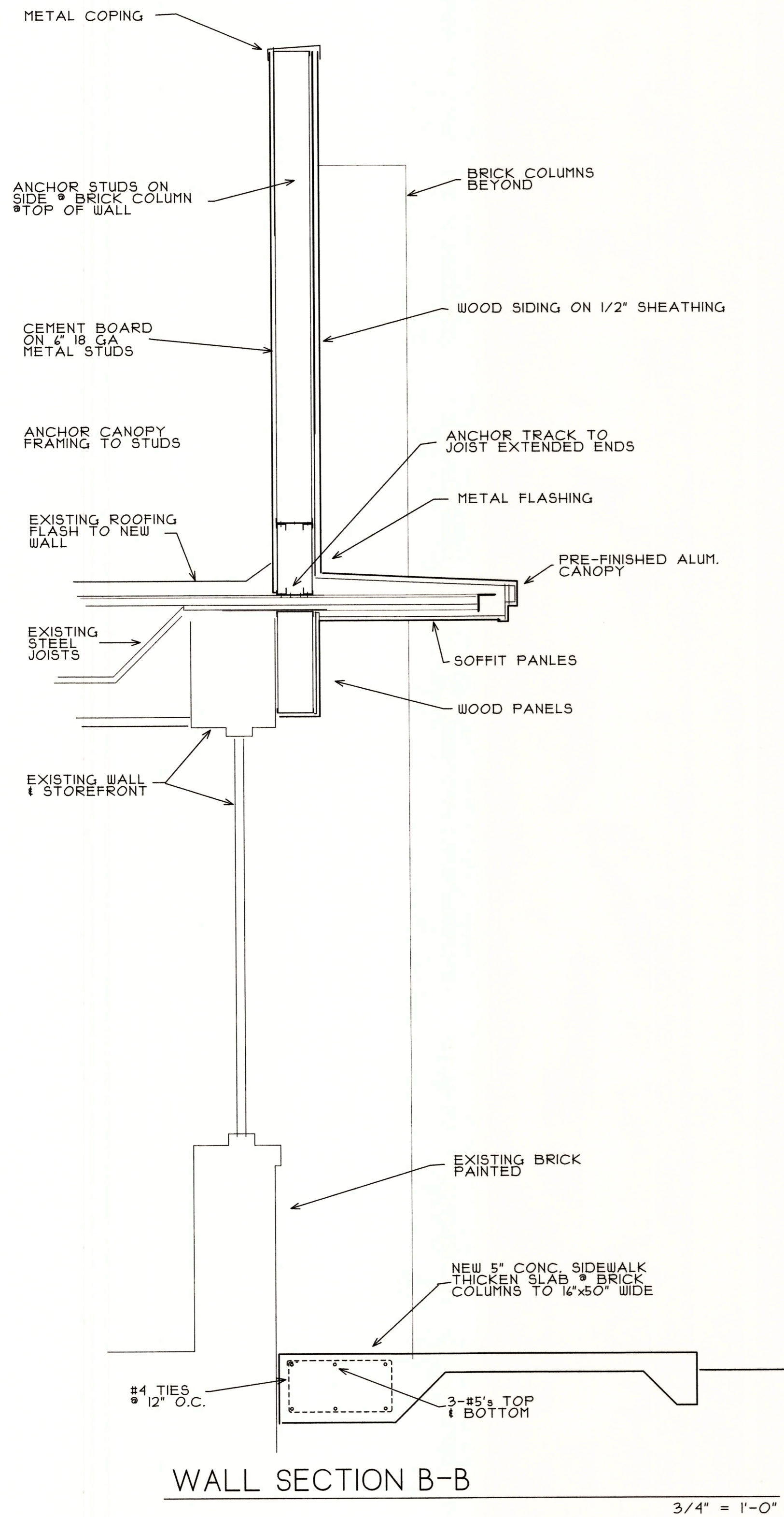
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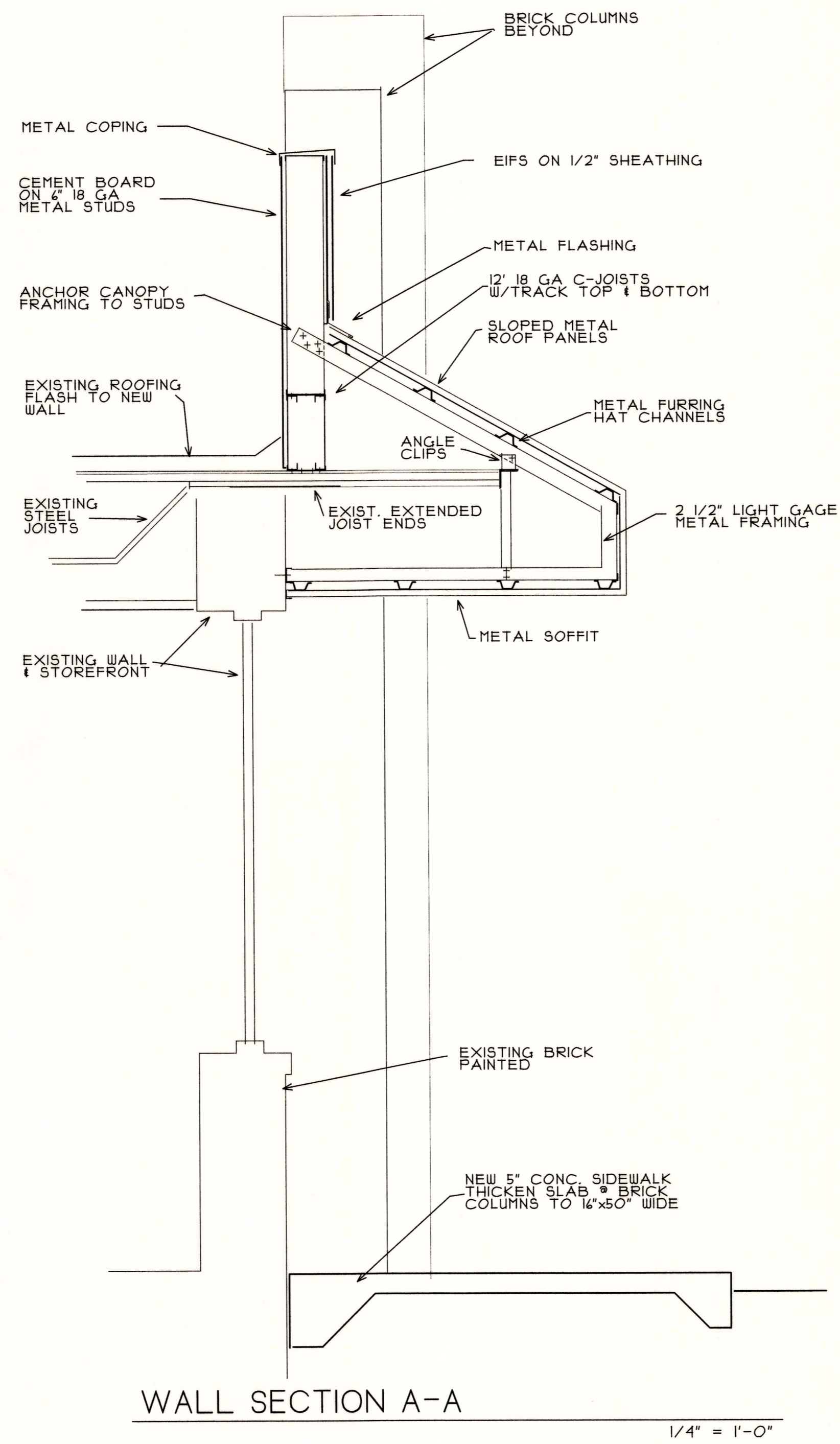
FRONT ELEVATION

1/4" = 1'-0"



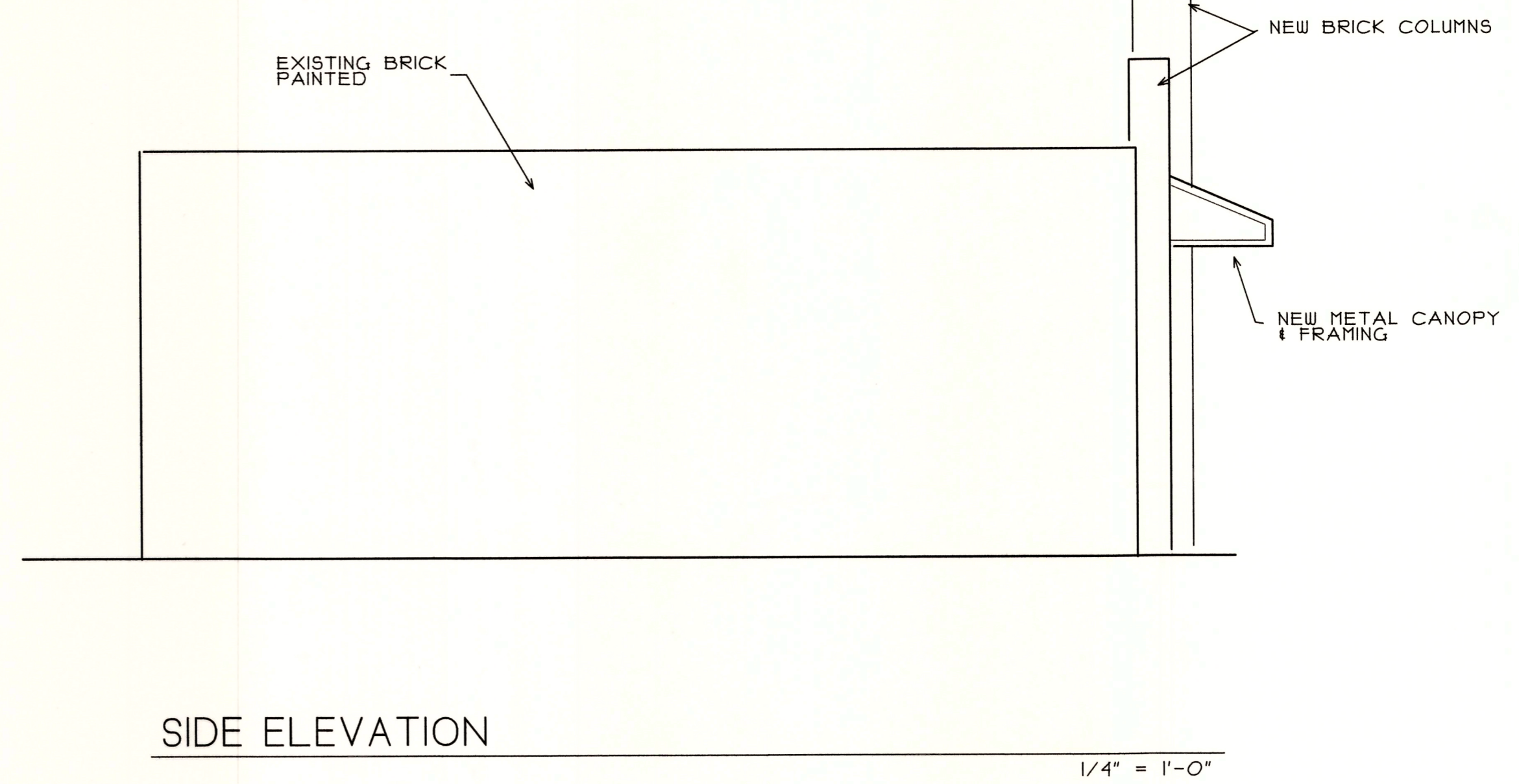
WALL SECTION B-B

3/4" = 1'-0"



WALL SECTION A-A

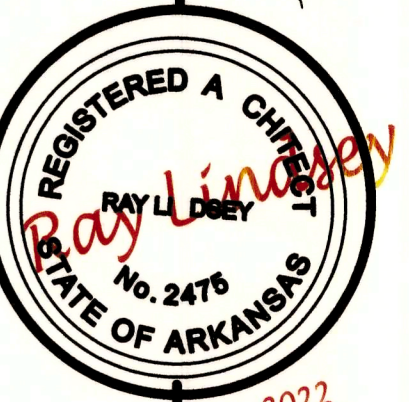
1/4" = 1'-0"



SIDE ELEVATION

1/4" = 1'-0"

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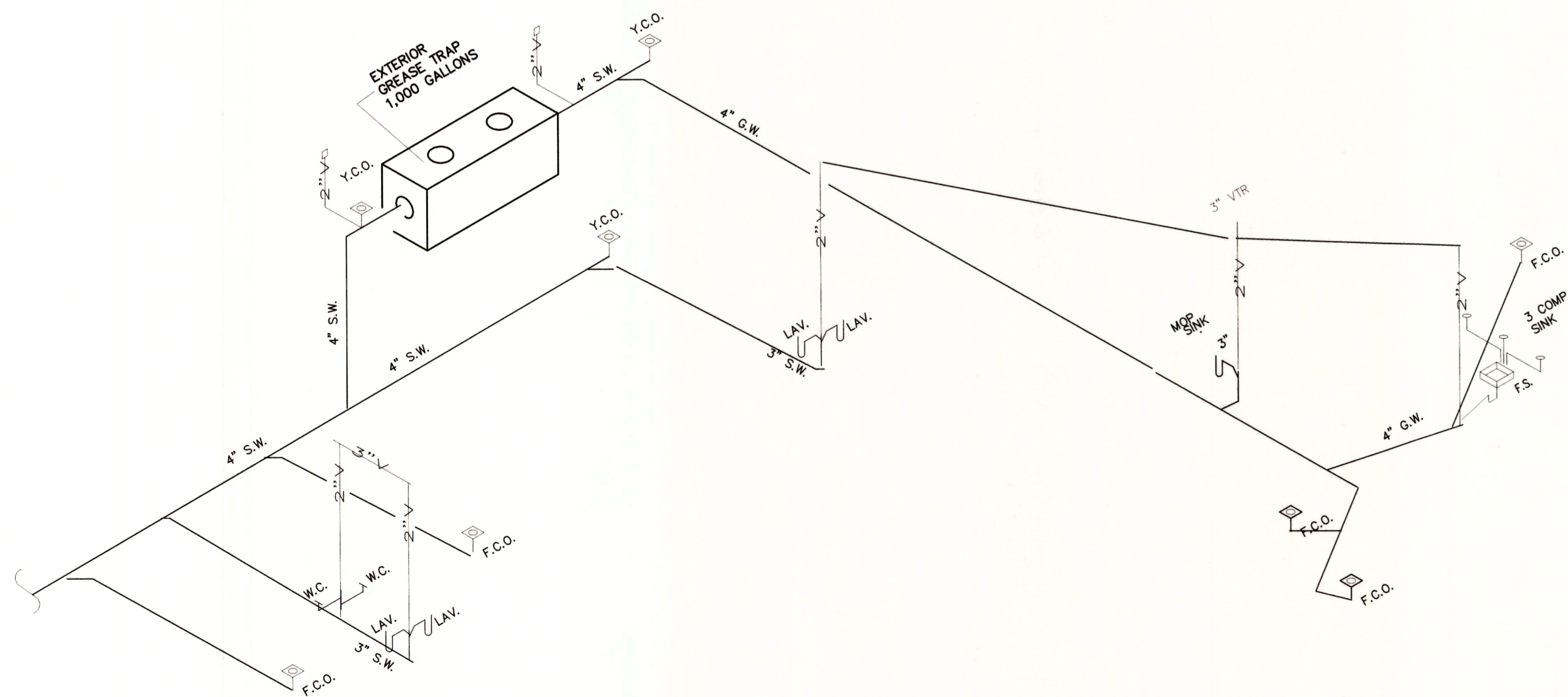
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PANELBOARD SCHEDULE											
PANEL A VOLTS 120/208 225A MAINS LUGS 1 SECTION COPPER BUS FED FROM MDP											
TYPE NEMA 1 SURFACE MOUNTED SURFACE FEEDER GROUND BAR BOTTOM INTERRUPTING RATING											
BRANCH BREAKERS											
ITEM	CIRCUIT BREAKER	CIRCUIT NUMBER	LOAD KVA/AMPERE			LOAD KVA/AMPERE			CIRCUIT NUMBER	CIRCUIT BREAKER	ITEM
			A	B	C	A	B	C			
OUTLETS	20	1	8.0			8.0			2	20	OUTLETS
OUTLETS	20	3		8.0			8.0		4	20	OUTLETS
OUTLETS	20	5			8.0			8.0	6	20	OUTLETS
OUTLETS	20	7	8.0			8.0			8	20	OUTLETS
OUTLETS	20	9		8.0			8.0		10	20	OUTLETS
ICE FREEZER	20	11			12.4			10.1	12	20	SODA BAR
SODA DISP.	20	13	8.3			12.5			14	20	FURNACE FAN
CASH REGISTER	20	15		5.2			8.4		16	20	LOTTERY
FREAL	20	17			1.5			12.3	18	20	FREEZER
LOTTERY	20	19	8.6			5.8			20	20	POS
HOT FOOD TABLE	20	21		10.5			5.8		22	20	
	20	23			10.5			22.8	24	30	HOT FOOD
HOOD FAN	40	25	28.8			22.8			26	30	
	40	27		28.8			28.8		28	40	HOOD FAN
COFFEE MAKER	30	29			18.8			28.8	30	40	
	30	31	18.4			11.4			32	20	BLENDER
NITRO COFFEE	20	33		10.5			8.4		34	20	DRINK DISP
	20	35			10.5			8.4	36	20	DRINK DISP
MICROWAVE	20	37	10.5			0			38	20	
	20	39		10.5			12.3		40	20	ICEE MIX
CAPPUCINO	20	41			10.5			12.8	42	20	ICEE MIX
	20	43	10.5			11.4			44	20	DRINK DISP
	20	45					11.4		46	20	REFRIGERATOR
	20	47						11.4	48	20	FREEZER
			101.3	81.5	78.2	80.3	85.1	118.4			
			181.4	147.2	196.8						

PANELBOARD SCHEDULE											
PANEL B VOLTS 120/208 225A MAINS LUGS 1 SECTION COPPER BUS FED FROM MDP											
TYPE NEMA 1 SURFACE MOUNTED SURFACE FEEDER GROUND BAR BOTTOM INTERRUPTING RATING											
BRANCH BREAKERS											
ITEM	CIRCUIT BREAKER	CIRCUIT NUMBER	LOAD KVA/AMPERE			LOAD KVA/AMPERE			CIRCUIT NUMBER	CIRCUIT BREAKER	ITEM
			A	B	C	A	B	C			
OUTLETS	20	1	8.0			8.0			2	20	OUTLETS
COOLER COND.	20	3		21.4			21.4		4	20	COOLER COND.
	20	5			21.4			21.4	6	20	
COOLER COMP.	20	7	18.4			18.4			8	20	COOLER COMP.
	20	9		18.4			18.4		10	20	
A/C COMP.	20	11				28.8		12.8	12	20	FURNACE FAN
	20	13	28.8				12.8		14	20	
	20	15							16	20	
	20	17							18	20	
	20	19							20	40	
	20	21							22	40	
	20	23							24	30	
	40	25							26	30	
	40	27							28	20	
	40	29							30	20	
			55.4	40.2	50.2	39.4	40.2	34.4	32	20	
			94.8	80.4	84.4						

PANELBOARD SCHEDULE											
PANEL C VOLTS 120/208 225A MAINS LUGS 1 SECTION COPPER BUS FED FROM MDP											
TYPE NEMA 1 SURFACE MOUNTED SURFACE FEEDER GROUND BAR BOTTOM INTERRUPTING RATING											
BRANCH BREAKERS											
ITEM	CIRCUIT BREAKER	CIRCUIT NUMBER	LOAD KVA/AMPERE			LOAD KVA/AMPERE			CIRCUIT NUMBER	CIRCUIT BREAKER	ITEM
			A	B	C	A	B	C			
OUTLETS	20	1	8.0			8.0			2	20	OUTLETS
GAS PUMPS	20	3		21.4			16.6		4	20	POLE LIGHTS
GAS PUMPS	20	5			21.4			21.4	6	20	GAS PUMPS
CANOPY LIGHTS	20	7	18.4						8	20	
	20	9							10	20	
	20	11							12	20	
	20	13							14	20	
	20	15							16	20	
	20	17							18	20	
	20	19							20	40	
	20	21							22	40	
	20	23							24	30	
	40	25							26	30	
	40	27							28	20	
	40	29							30	20	
			55.4	49.0	79.2	39.4	40.2	34.4			
			94.8	109.2	113.4						

PANELBOARD SCHEDULE											
PANEL MDP VOLTS 120/208 600A MAINS LUGS 1 SECTION COPPER BUS FED FROM METER											
TYPE NEMA 1 SURFACE MOUNTED SURFACE FEEDER GROUND BAR BOTTOM INTERRUPTING RATING											
BRANCH BREAKERS											
ITEM	CIRCUIT BREAKER	CIRCUIT NUMBER	LOAD KVA/AMPERE			LOAD KVA/AMPERE			CIRCUIT NUMBER	CIRCUIT BREAKER	ITEM
			A	B	C	A	B	C			
PANEL A	225	1	181.4			94.8			2	225	PANEL B
	225	3		147.2			80.4		4	225	
	225	5			196.8			84.4	6	225	
PANEL C	225	7	94.8			58.4			8	20	RTU-1A
	225	9		109.2			58.4		10	20	
	225	11			113.4			58.4	12	20	
RTU-1C	20	13	58.8			58.4			14	20	RTU-1B
	20	15		58.8			58.4		16	20	
	20	17			58.8			58.4	18	20	
	20	19							20	40	
	20	21							22	40	
	20	23							24	30	
	40	25							26	30	
	40	27							28	20	
	40	29							30	20	
			335.2	335.2	349.2	212.0	191.4	201.8	32	20	
			541.2	532.8	571.0						



PLUMBING RISER DIAGRAM

NO SCALE

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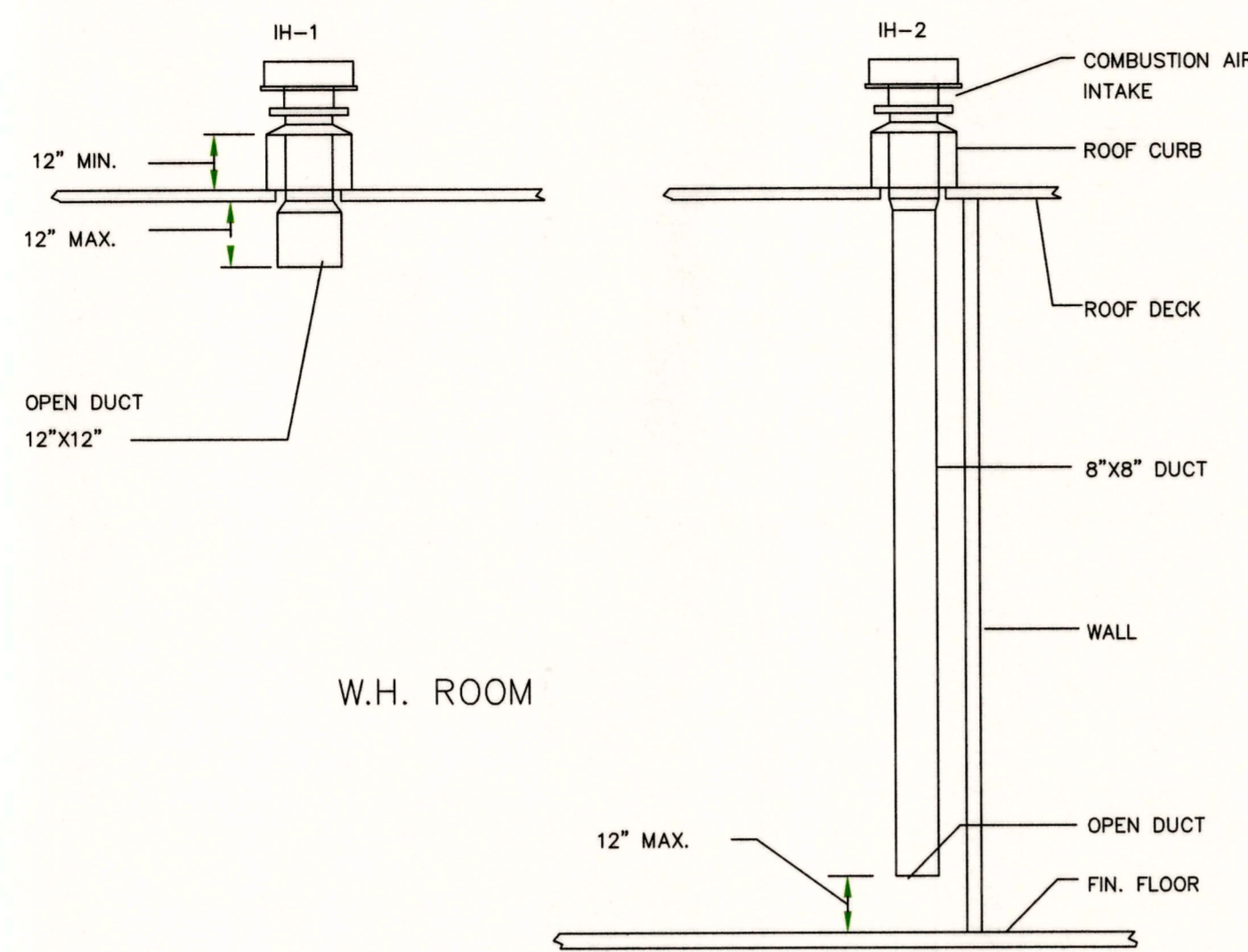
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MPE-1

NOTE: TWO PERMANENT OPENING METHOD (PER IFGC 304.6.1)  
 PROVIDED A MIN. OF 1 SQ. INCHES OPENING PER 4,000 BTU  
 (communicating with the outdoors through vertical ducts)

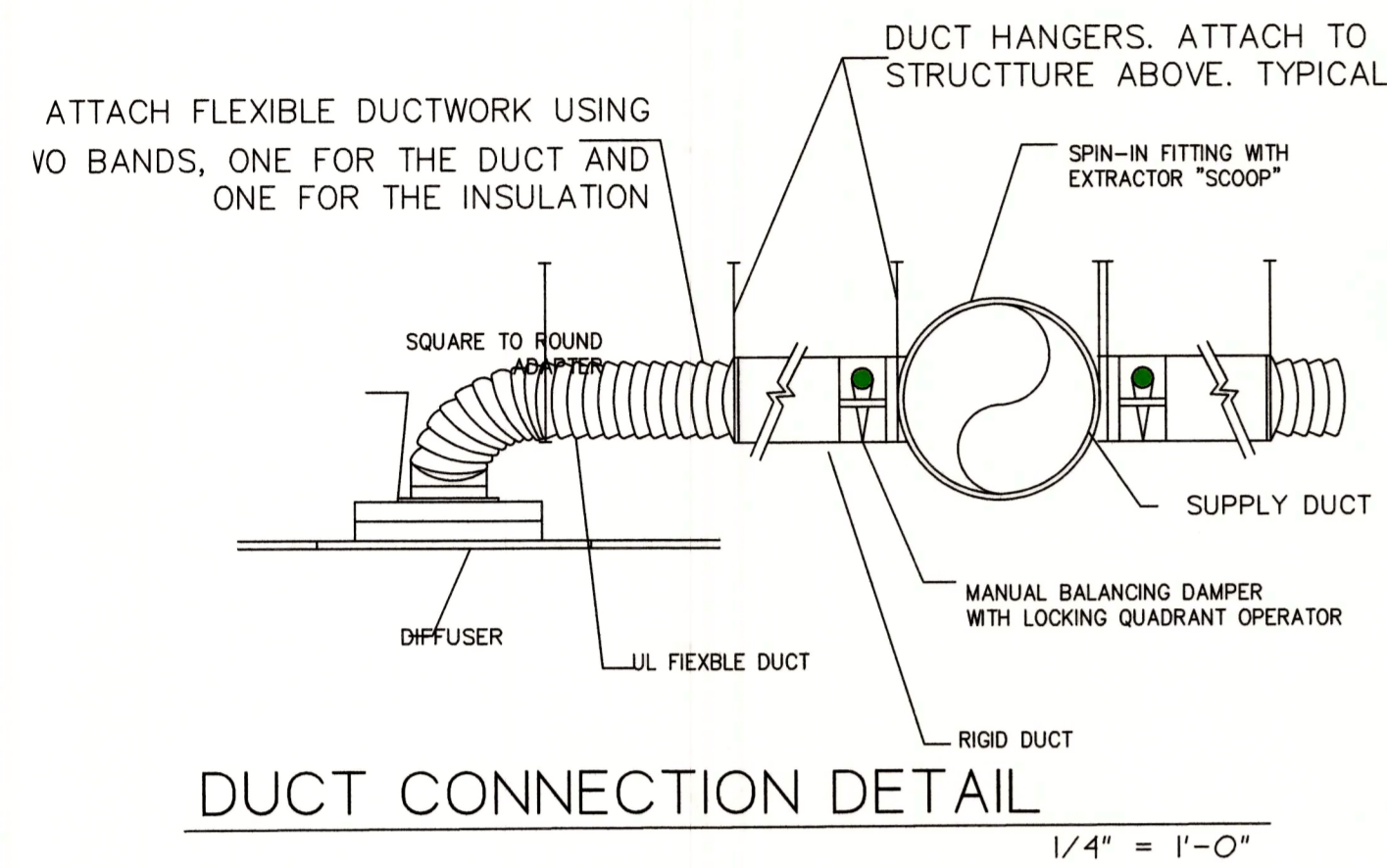
TOTAL BTU FOR WATER HEATERS: 199,000 / 4,000 = 49.75 SQ. INCHES  
 THE SIZE OF OPENING REQUIRED: 49.75 / .75 = 66.3 SQ. INCHES EACH  
 THE SIZE OF OPENING PROVIDED: 8" X 8" = 64 SQ. INCHES EACH



COMBUSTION AIR INTAKE

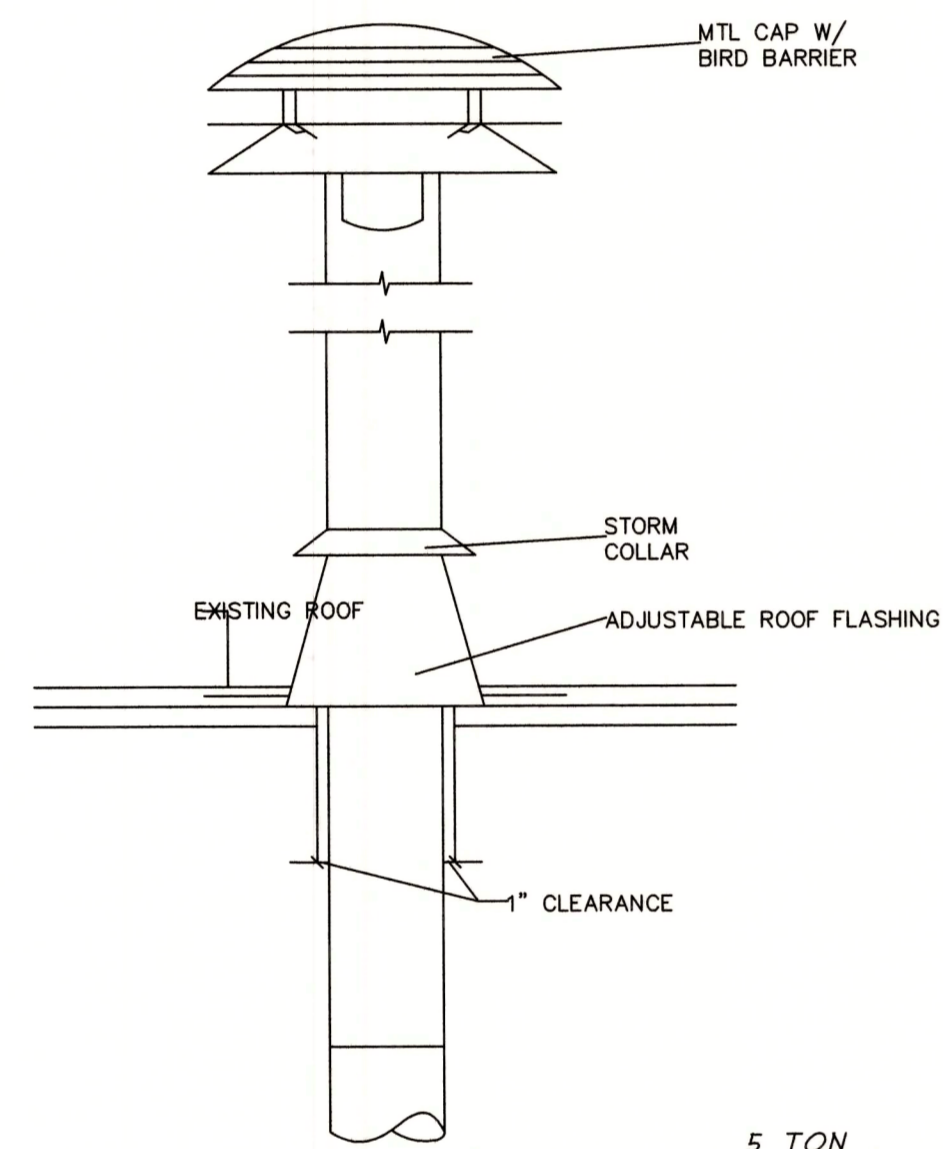
1/4" = 1'-0"

DESIG.	DESCRIPTION	REF. PRODUCT	UNIT REQUIREMENTS					REMARKS
			CFM	SIZE	ELECTRICAL	M/P/BRK	MAKE-UP AIR CFM	
AH-1	GAS FURNACE UNIT	CARRIER 58MCB 090 100 B	2000	5 TON/90,000 BTUH	120/60/1	6.1/20	150	MOUNT ON RETURN PLENUM
CU-1	CONDENSING UNIT	CARRIER 24ACC 6 60 AA 30	-	5 TON	240/60/1	17.8/25	-	MOUNT ON CONCRETE PAD
RTU-1	ROOF TOP UNIT	CARRIER 48HCE06D2ASA0T3B0	2000	5 TON/90,000 BTUH	240/60/1	57.8/70	-	MOUNT ON ROOF CURB
MAU-1	EXHAUST FAN	PENN MU5018	5440	5 TON/90,000 BTUH	240/60/1	17.8/25	-	MOUNT ON ROOF CURB
EF-1	EXHAUST FAN	PENN FX158	6800	-	240/60/1	14.8/25	-	MOUNT ON ROOF CURB
EF-2	EXHAUST FAN	PENN FX158	6400	-	240/60/1	12.5/20	-	MOUNT ON ROOF CURB
EF-3	EXHAUST FAN	NJTONE	110	4"	120/60/1	6.5/20	-	THRU WALL MOUNTING-INTERLOCK W/ROOM LIGHT



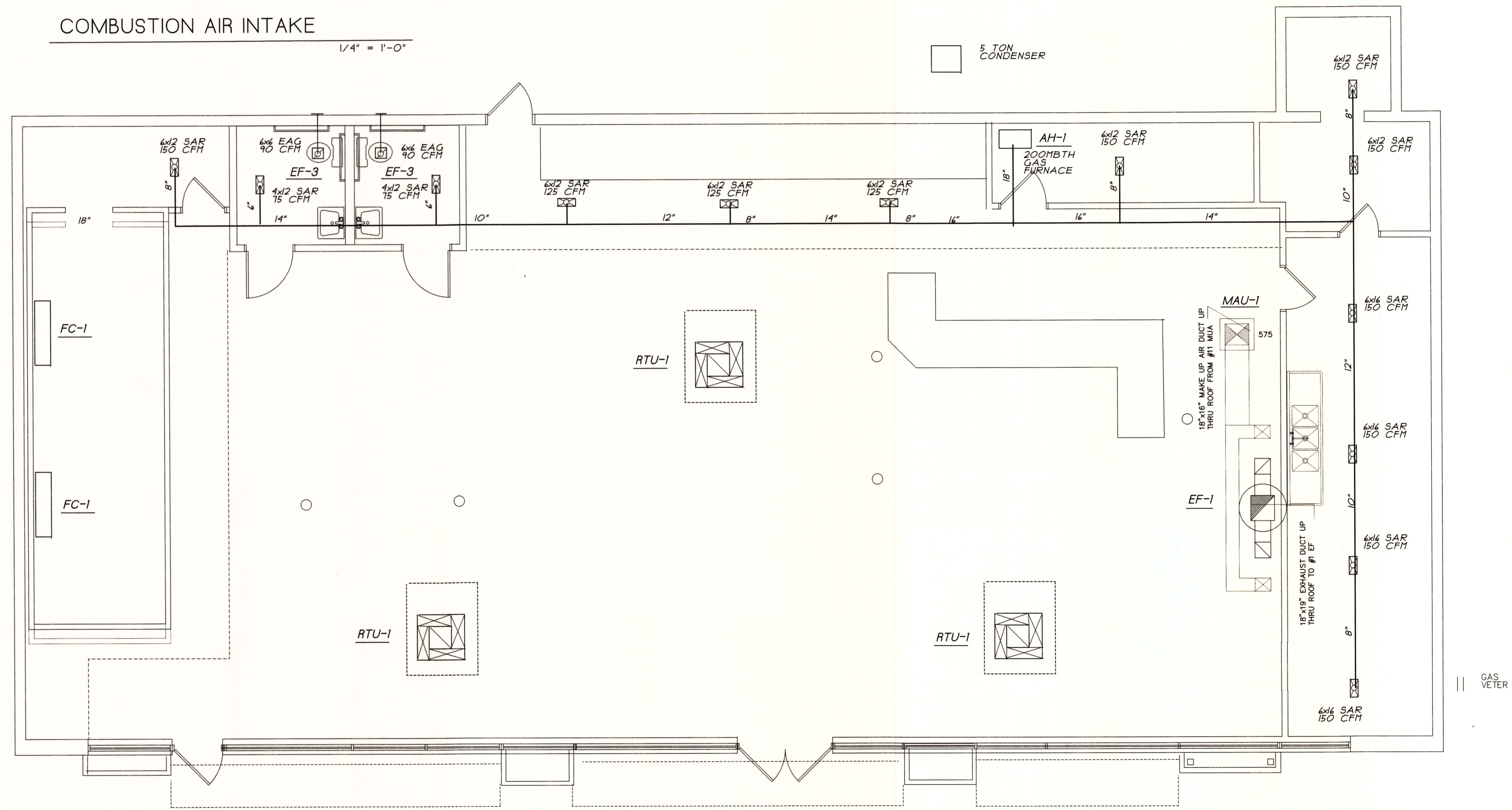
DUCT CONNECTION DETAIL

1/4" = 1'-0"



VENT DETAIL

1/4" = 1'-0"



HVAC FLOOR PLAN

1/4" = 1'-0"

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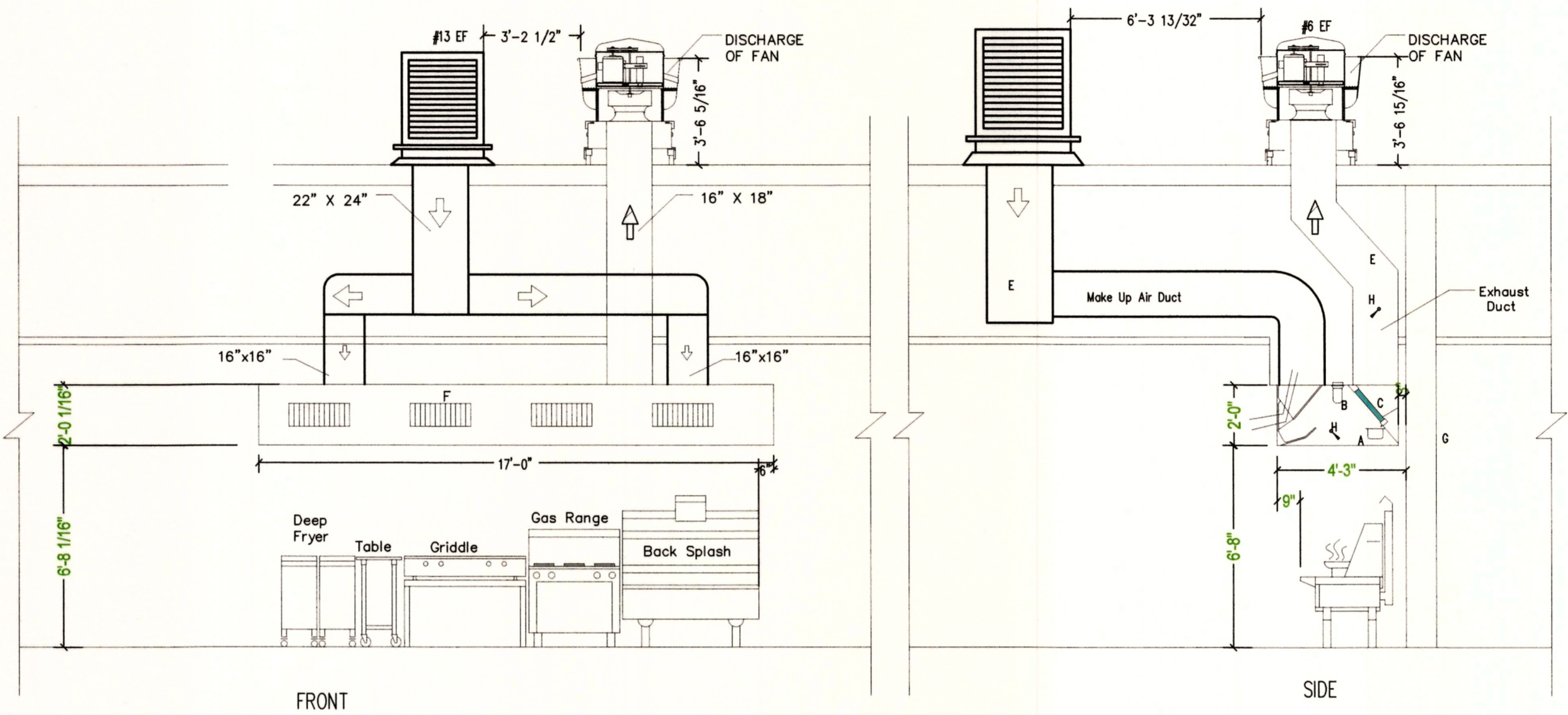
<p>A. REMOVABLE GREASE CATCHER</p> <p>B. UL LISTED VAPOR LIGHT WITH WIRE SAFETY GUARD.</p> <p>C. BAFFLE FILTER SET 45 DEGREE. UL LISTED. FILTER SIZE: 25"H X 20"W X 2"D.</p> <p>D. ---</p> <p>E. DUCTS CONSTRUCTED OF NO. 16 MSG STEEL WITH ALL SEAMS, JOINTS, AND PENETRATIONS WELDED AS LIQUID-TIGHT AS PER NFPA CODE 96.</p> <p>F. HOOD CONSTRUCTED OF NO. 18 MSG STAINLESS STEEL, TYPE 304 WITH FRESH AIR RETURN, ALL CONNECTION AND SEAMS WERE WELDED AS LIQUID-TIGHT TO MEET NFPA CODE 96 STANDARD. NSF LISTED NO. 1499.</p> <p>H. FIRE SUPPRESSION NOZZLE.</p> <p>I. ROOF CURB.</p>	<p>PER 2010 IMC, 507.13.2 WALL MOUNT HOOD CANOPY: 400 CFM PER LINEAR FOOT</p> <p>GRILL HOOD 16'-0" X 400 = 6,400 CFM EXHAUST DUCT SIZE: 18" X 19" / 144 = 2.38 SQ. FT. EXHAUST DUCT AIR VELOCITY: 5,000 / 2.38 = 2,101 FPM MAKE-UP AIR: 85% X 6,400 = 5,440 CFM MAKE-UP AIR DUCT SIZE: 18" X 16"</p>	<p>PER 2010 IMC, 507.13.2 WALL MOUNT CANOPY: 400 CFM PER LINEAR FOOT</p> <p>KITCHEN HOOD: 17' X 400 = 6,800 CFM EXHAUST DUCT SIZE: 16" X 18" / 144 = 2.0 SQ. FT. EXHAUST DUCT AIR VELOCITY: 8,800 / 2.0 = 2,200 FPM MAKE-UP AIR: 85% X 6,800 = 5,780 CFM MAKE-UP AIR DUCT SIZE: 22" X 24"</p>
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EXHAUST FAN SCHEDULE									
#	EXHAUST FAN	MAKE & MODEL NO.	VOLUME (CFM)	SP (IN WC)	FAN RPM	WEIGHT (LB)	MOTOR SPECS		REMARKS
#1	EXHAUST FAN	PEN-VENTILATOR F378B	6,800	0.25	1330	144	2	208/60/3	1.2,3&4
#2	EXHAUST FAN	PEN-VENTILATOR F378B	6,400	0.25	1180	144	1 1/2	208/60/3	1.2,3&4

MAKE-UP AIR FAN SCHEDULE									
#	MAKE-UP AIR FAN	MAKE & MODEL NO.	VOLUME (CFM)	SP (IN WC)	FAN RPM	WEIGHT (LB)	MOTOR SPECS		REMARKS
#1	MUA (KITCHEN)	PEN-VENTILATOR M1401S	5,780	0.25	520	180	1 1/2	208/60/3	1&2
#2	MUA (GRILL)	PEN-VENTILATOR M1501S	5,440	0.25	477	310	3	208/60/3	1&2

- VENTILATORS & DUCT SHALL BE DESIGNED, CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH SECTION 506.3.1 THROUGH 506.3.13.3 OF 2010 INTERNATIONAL MECHANICAL CODE.
- EXHAUST HOOD SHALL BE DESIGNED, CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH SECTION 507.1, 507.2.1, 507.4, 507.6, 507.7 THROUGH 507.17.
- TYPE I HOODS SHALL CONSTRUCTED OF STEEL NOT LESS THAN 0.043 INCH (1.09MM) (NO. 18 MSG) IN THICKNESS, OR STAINLESS STEEL NOT LESS THAN 0.037 INCH (0.94MM) (NO. 20 MSG) IN THICKNESS (507.4).
- EXHAUST FAN HOUSINGS SERVING A TYPE I HOODS SHALL BE CONSTRUCTED OF STEEL (506.3.1). EXHAUST FAN MOTORS SHALL BE LOCATED OUTSIDE OF THE EXHAUST AIRSTREAM (506.3.1.1).
- GREASE DUCTS SERVING A TYPE I HOOD SHALL BE CONSTRUCTED OF STEEL NOT LESS THAN 0.044 INCH (1.1MM) (NO. 16 GAUGE) IN THICKNESS OR STAINLESS STEEL NOT LESS THAN 0.044 INCH (1.1MM) (NO. 18GAUGE) IN THICKNESS (506.3.2). ALL SEAMS, JOINTS, AND PENETRATIONS OF GREASE DUCTS SHALL BE MADE WITH A CONTINUOUS LIQUID-TIGHT WELD OR BRAZE MADE ON THE EXTERNAL SURFACE OF THE DUCT SYSTEM (506.3.3). DUCT JOINTS SHALL BE BUTT JOINTS OR OVERLAPPING DUCT JOINTS OF EITHER THE TELESCOPING OR BELL TYPE PER 506.3.3.1. DUCT-TO-HOOD JOINTS PER 506.3.3.2. DUCT-TO-EXHAUST FAN CONNECTIONS PER 506.3.3.3. VIBRATION ISOLATION CONNECTOR FOR CONNECTING A DUCT TO A FAN SHALL BE PER 506.3.3.4. AND GREASE DUCT SUPPORTS PER 506.3.4.
- GREASE DUCT SYSTEMS SERVING A TYPE I HOOD SHALL HAVE A CLEARANCE TO COMBUSTIBLE CONSTRUCTION OF NOT LESS THAN 18 INCHES (457 MM) (506.3.7).
- THE FIRE EXTINGUISHER SYSTEM MUST BE INSTALLED BY A LOCAL LICENSED COMPANY. SEPARATE PLAN MUST BE SUBMITTED TO LOCAL FIRE DEPT. FOR APPROVAL.
- ALL ELECTRICAL WORK MUST BE DONE BY LOCAL LICENSED ELECTRICIAN.

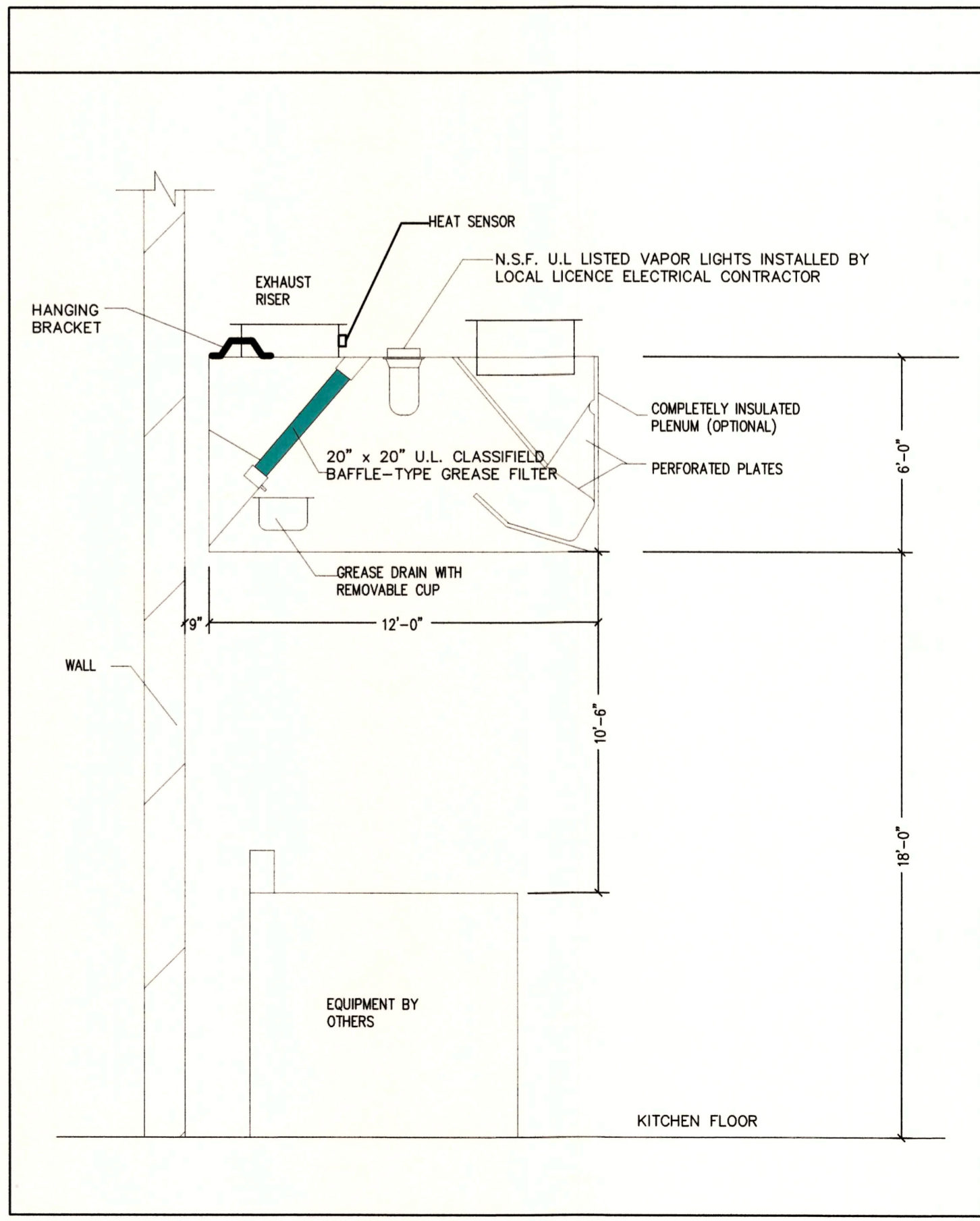
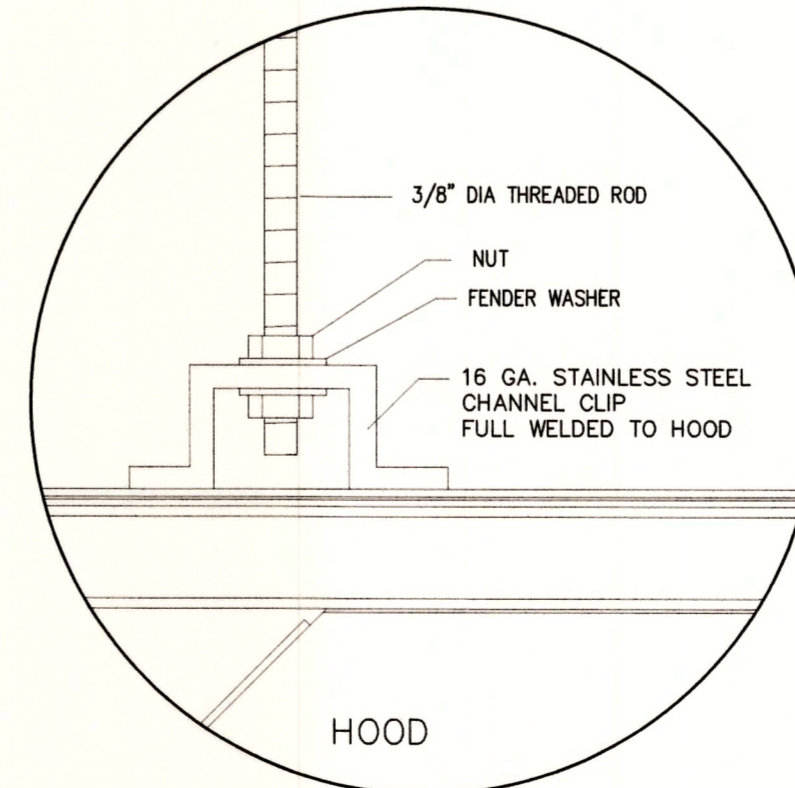
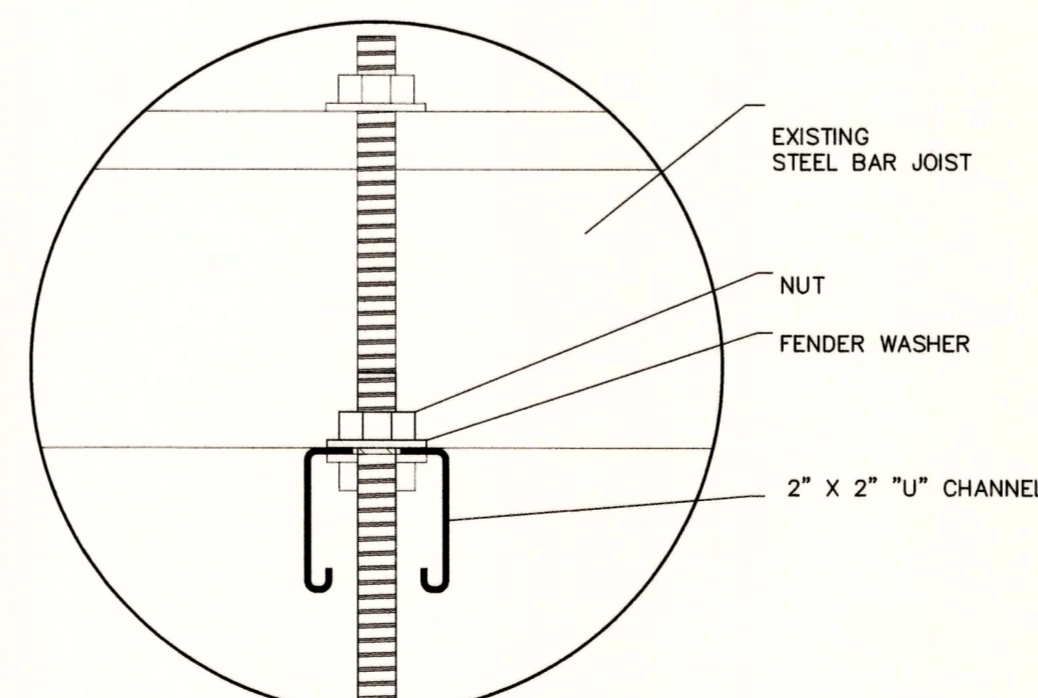
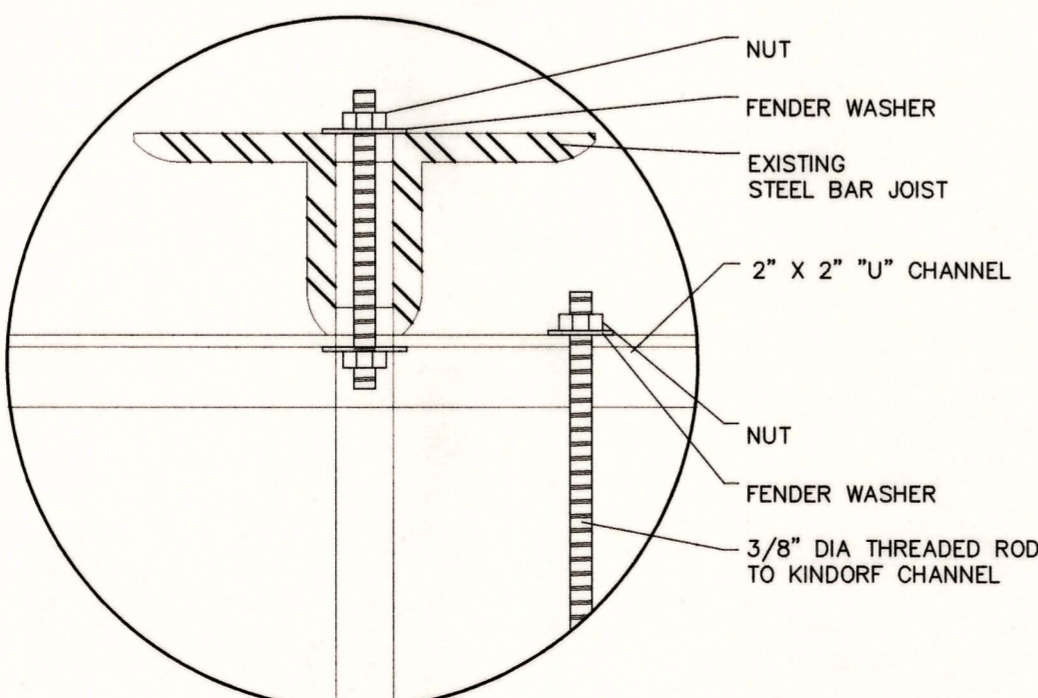
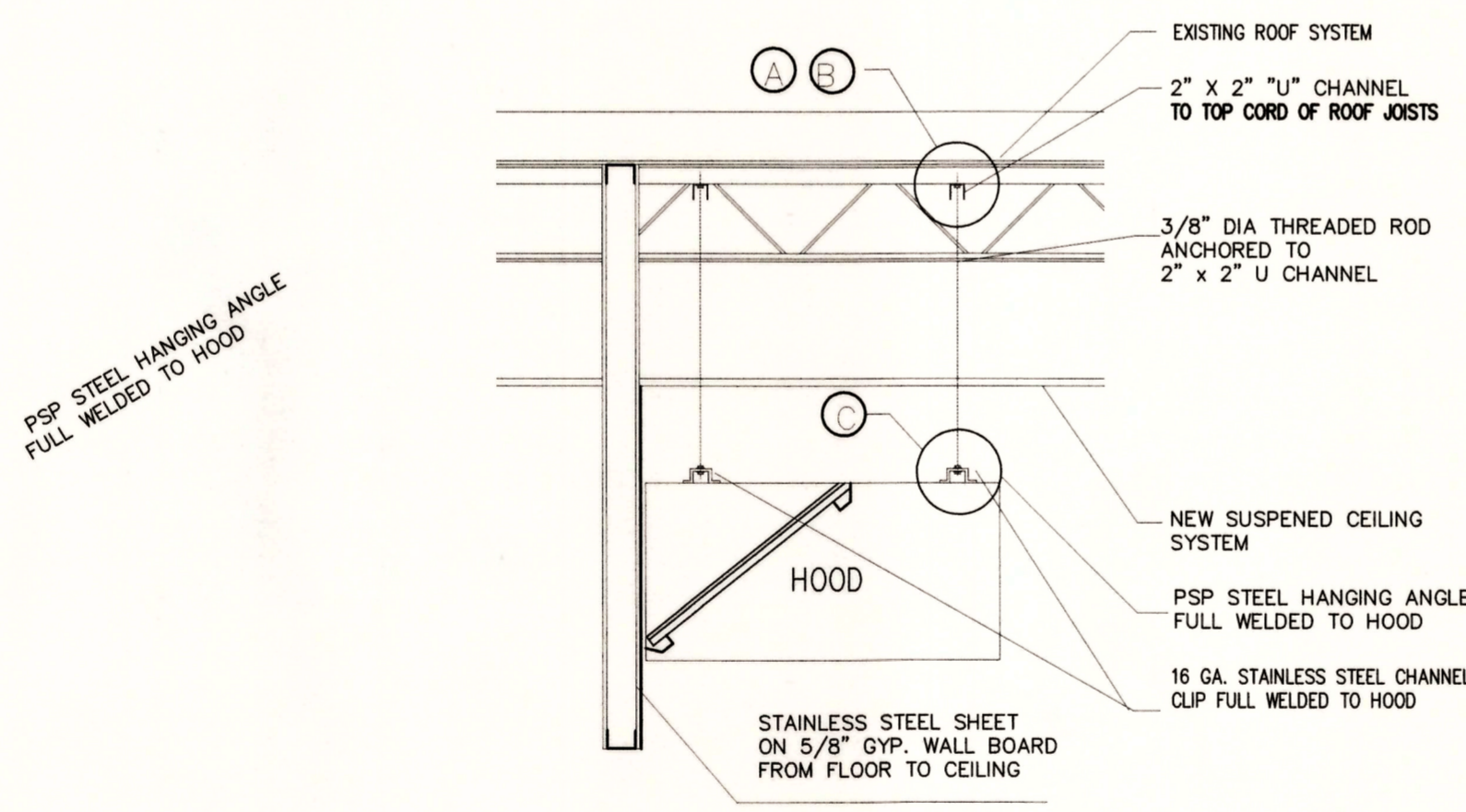
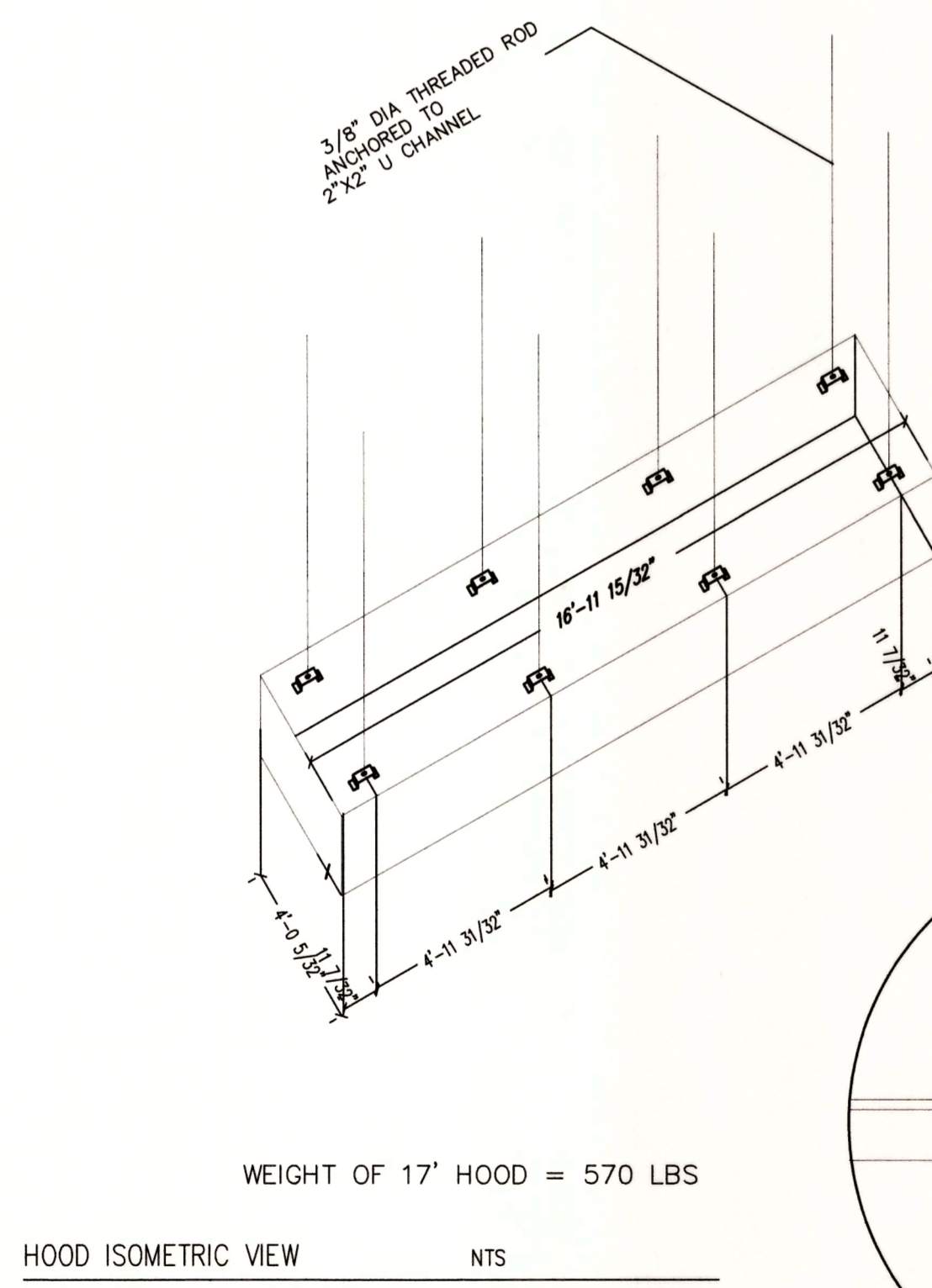


NOTE:  
EXHAUST DUCT SHALL BE 18" AWAY FROM ANY COMBUSTIBLE MATERIAL.

SYSTEM INTERCONNECTION (IMC 507.2.1.1)

EXHAUST HOODS SHALL BE AUTOMATICALLY OPERATE DURING COOKING OPERATIONS IN COMMERCIAL KITCHEN BY MEANS OF AN ELECTRICAL INTERLOCK OR HEAT SENSORS OR OTHER APPROVED MEANS.

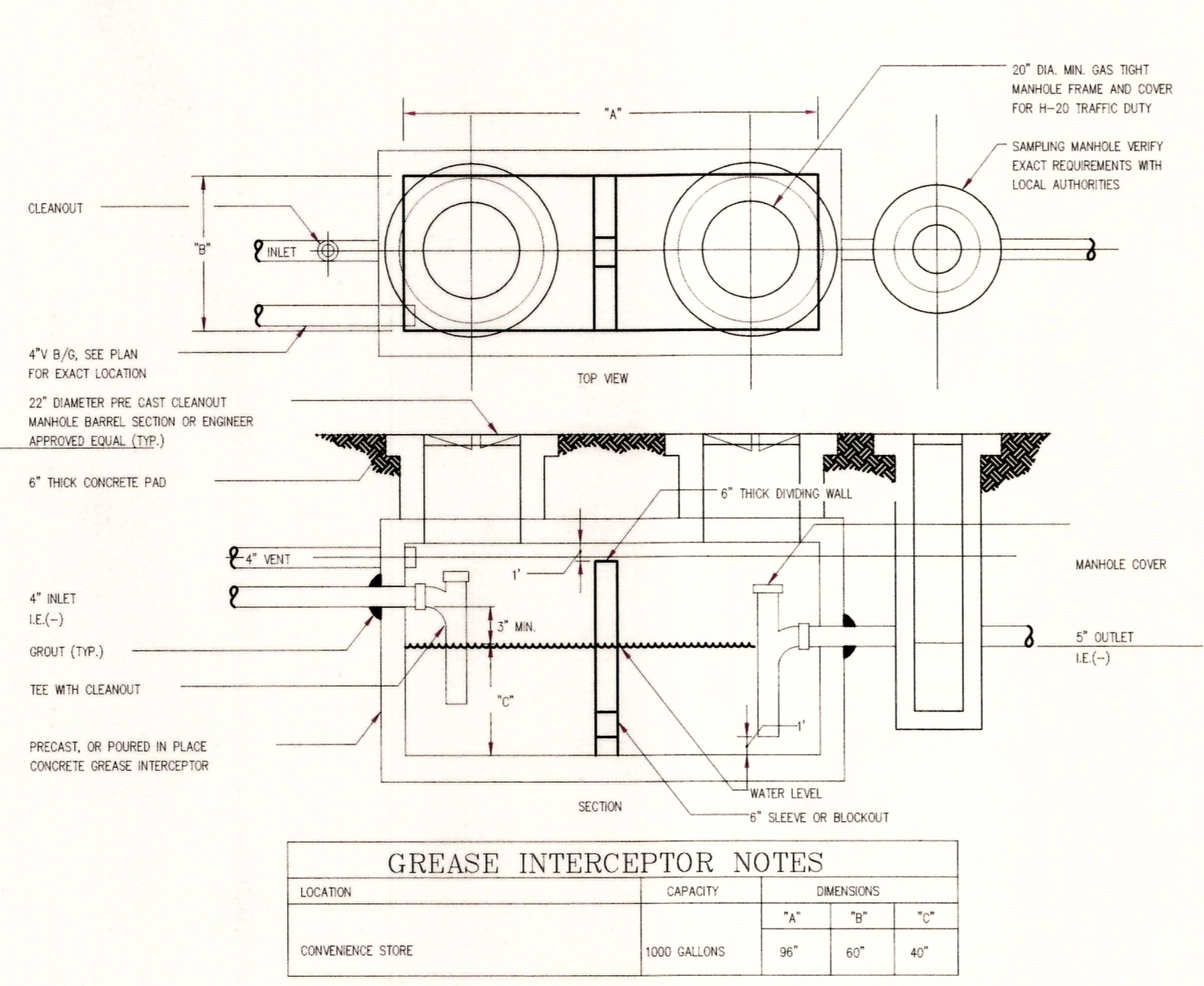
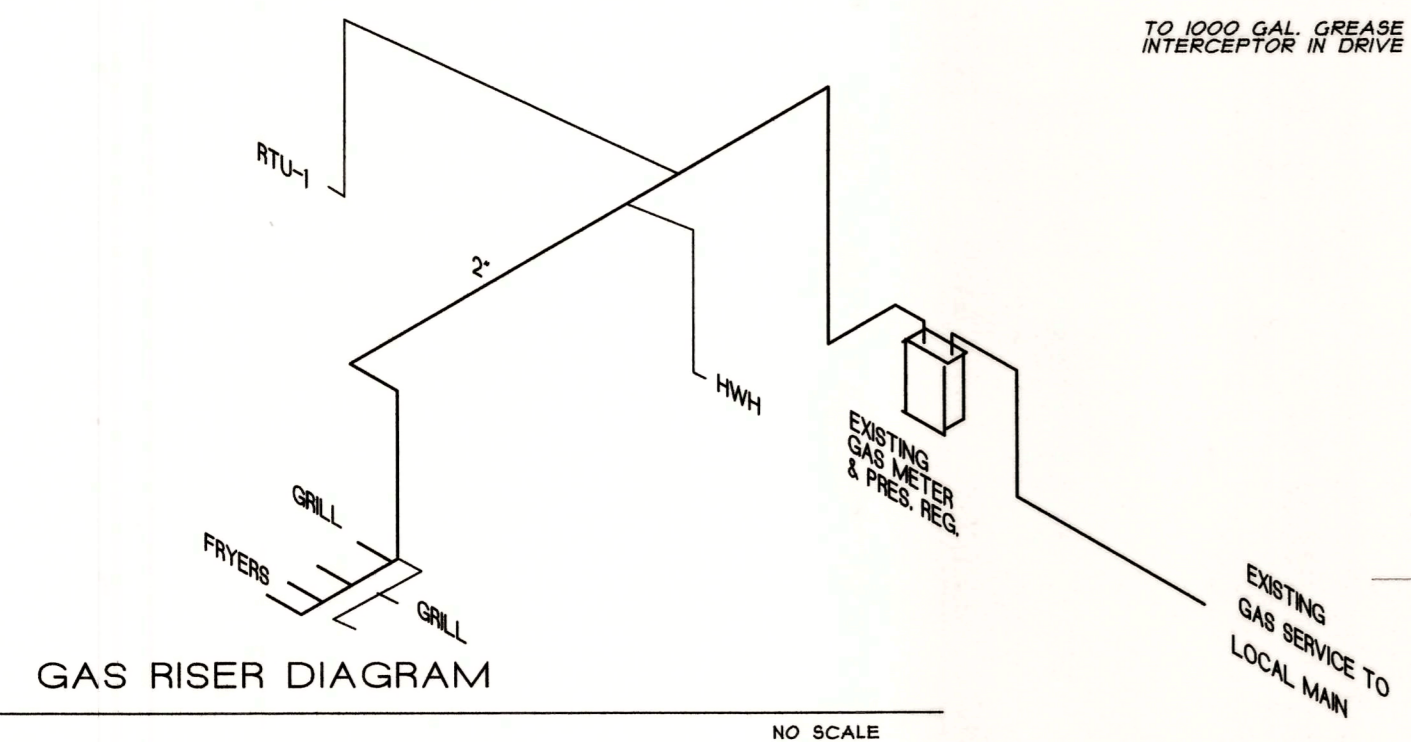
SYSTEM ELECTRICALLY INTERLOCKED  
THE EXHAUST AND MAKE-UP AIR SYSTEM SHALL BE ELECTRICALLY INTERLOCKED TO INSURE THAT MAKE-UP AIR IS PROVIDED WHENEVER THE EXHAUST SYSTEM IS IN OPERATION



Alterations & Renovations for  
**Rajeev Kumar**  
 2028 North Church Street  
 Jonesboro Arkansas

**Ray Lindsey**  
 Architect  
 318 Greene Road #792  
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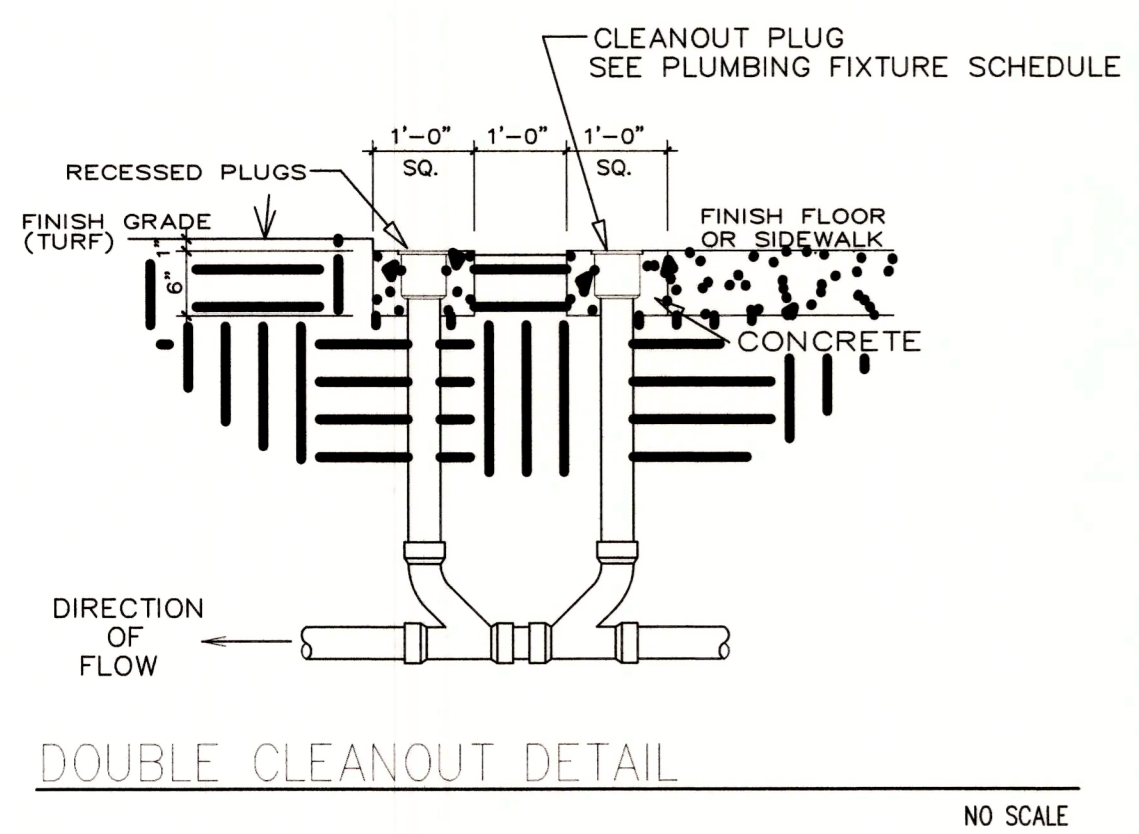
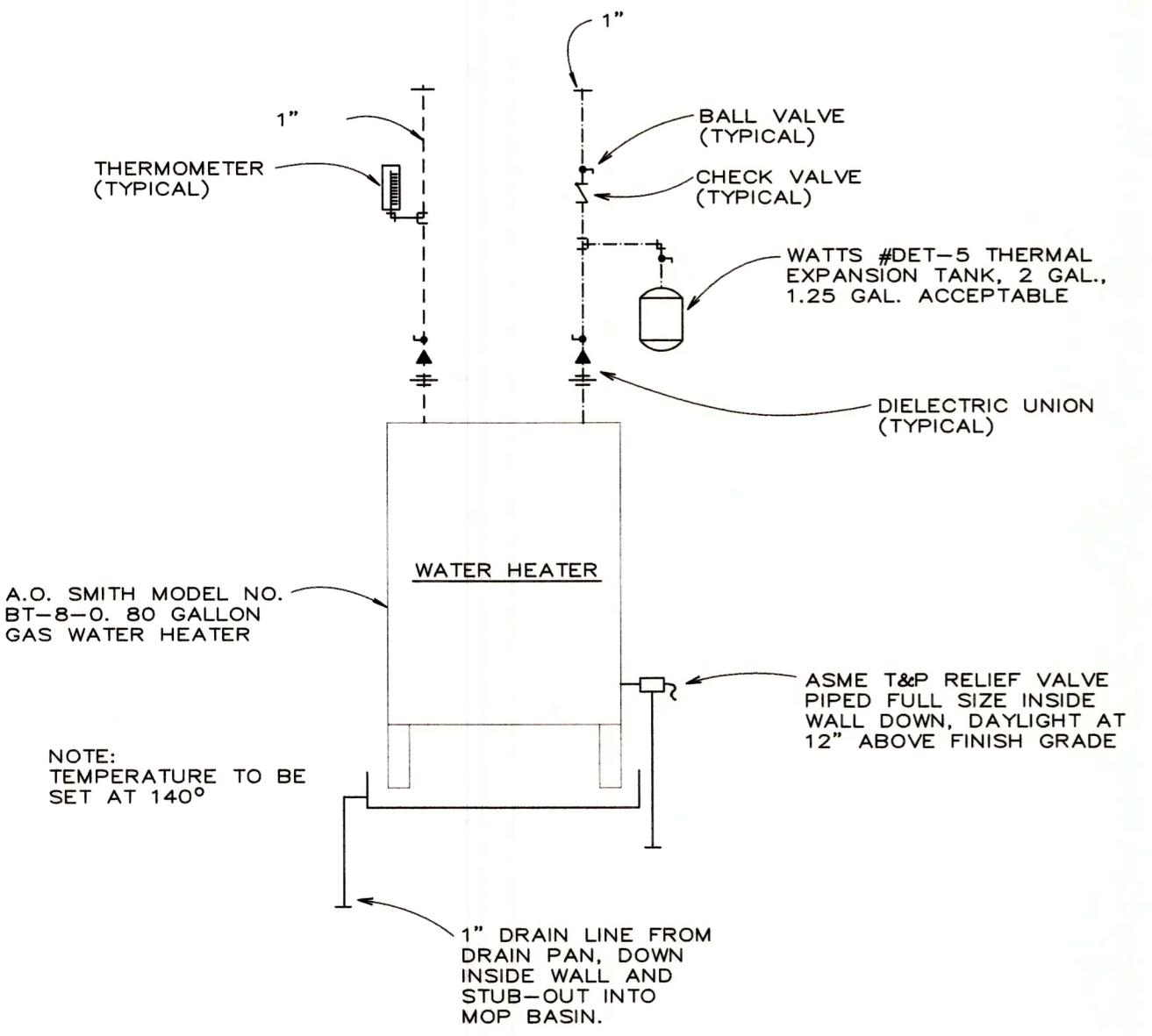
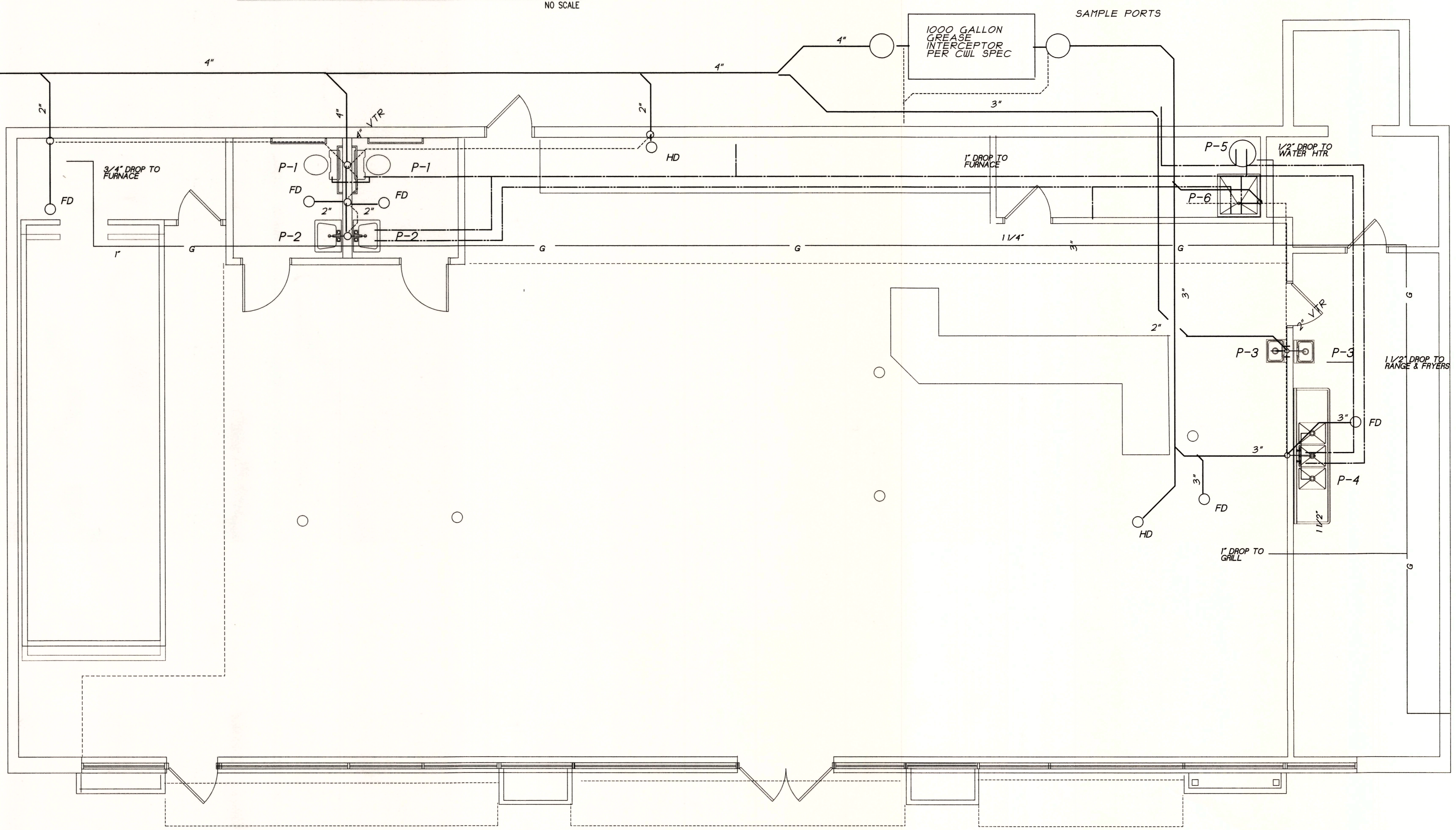


### PLUMBING FIXTURE SCHEDULE

DESIG.	DESCRIPTION	REF. PRODUCT	PIPING SIZES					REMARKS
			SOIL	WASTE	VENT	C.W.	HW.	
P-1	TOILET - HANDICAPPED	KOHLER K-3519-0	4"		2"	1/2"		W/ KOHLER K-4652 SEAT AND COVER
P-2	LAVATORY, WALL HUNG	KOHLER K-3422B-0	4"	1-1/2"	2-1/2"	1 1/2"	1/2"	W/ KOHLER KA-4022 SEAT AND COVER FORAIN
P-3	HAND SINK	KOHLER K-23359-4F-0		2-1/2"	1-1/2"	3/2"	1/2"	W/ SWAN 200 FAUCETS AND AVE-99 DRAIN
P-4	TRIPLE COMPARTMENT SINK	JUST #NSFB-248		1-1/2"	1-1/2"	1/2"	1/2"	W/ JWF-201 FAUCET & 2 #JB-99 DRAINS
P-5	WATER HEATER-GAS	KOHLER K-3519-0		2"	1-1/2"	3/4"	3/4"	W/ GALE 500-210/ROD/BULK-NA & K-9132 DRAIN
P-6	WATER HEATER-ELECTRIC	A.O. SMITH DEN-40		2"	1-1/2"	3/4"	3/4"	W/ SWAN 200 FAUCETS AND AVE-99 DRAIN
P-7	CLEAN-OUT - FINISH GRADE	WADE W-8534	4"					
P-8	FLOOR DRAIN	WADE W-1102-STD-6		2"	1-1/2"	1/4"		W/ DEEP SEAL TRAP

#### GREASE INTERCEPTOR NOTES

LOCATION	CAPACITY	DIMENSIONS		
		"A"	"B"	"C"
CONVENIENCE STORE	1000 GALLONS	96"	60"	40"



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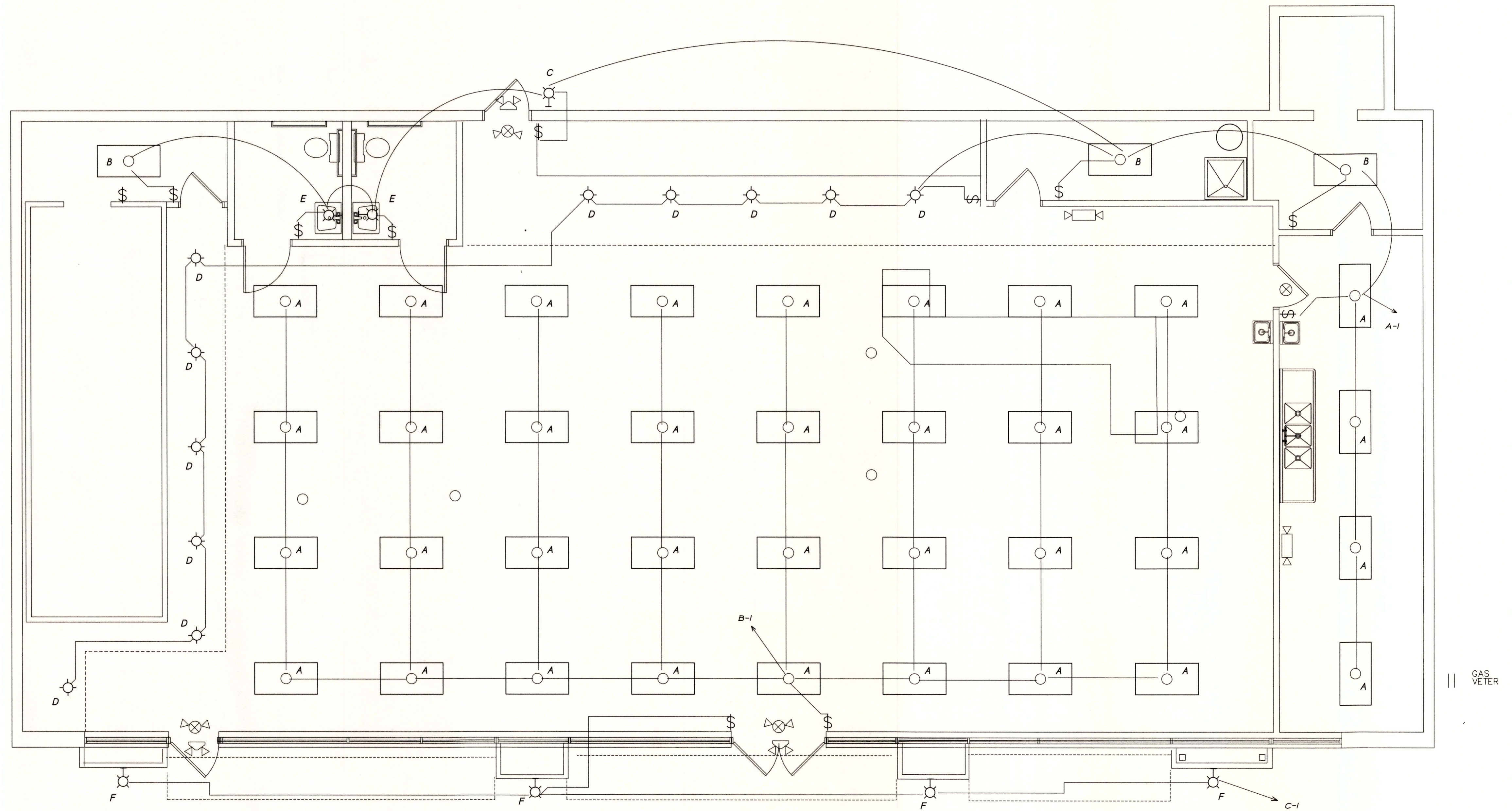
**Ray Lindsey**  
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 318 Greene Road #792  
 Paragould, AR 72450  
 870-239-8274 Cell: 870-215-3029

Drawn: RGL	Revised:
Date: 8-1-22	Revision No.:
Job No: 90522	
<b>P-1</b>	

LIGHT FIXTURE SCHEDULE					
DESIG.	REF. PRODUCT	CATALOG NO.	LAMP MOUNT/MT. HT.	REMARKS	
A*	WILLIAMS	50 GS 24 L59 8 35 S AF12125 DRV 120	4' LED ARRAY	RECESSED	
B*	WILLIAMS	39W 4 L30 8 35 S A DRV 120	4' LED ARRAY	SURFACE	
C	WILLIAMS	VMPH-L30/740 -T3-DBZ-CGL-EM/4W-DIM-120	LED	WALL MT. BOT. OF LIGHT FIXTURE AT 8'-0" A.F.F.	
D	WILLIAMS	6DR L30 8 35 WHT DIM 120	6" ROUND	RECESSED	
E	MINKA-LAVERY	6822-14	(2) 100 W. LED C	WALL MT. BOT. OF FIXTURE AT 6'-8" ABOVE AFF	
F	PROGRESS	P5723-14	100 W. LED	WALL MT. BOT. OF FIXTURE AT 8'-0" ABOVE AFF	
	ISOLITE	RL2LED-2-WH-MBC	LED 250 LUMENS	WALL COMPACT LOW PROFILE EMERGENCY BUGEYE W/2 ADJUSTABLE HEADS	
	WILLIAMS	EXIT-R-EM-WHT-SDT--120	INC.	WALL WALL MTD. EXCEPT AS NOTED ON PLAN, SEE NOTE 1.	
	WILLIAMS	EXIT/EM/LED-WHT-HL-120	INC.	WALL WALL MTD. EXCEPT AS NOTED ON PLAN, SEE NOTE 1.	
	WILLIAMS	EMER/LED-WHT-HL-120	INC.	WALL MT. BOT. OF EMERGENCY LIGHT FIXTURE AT 7'-0" A.F.F.	

NOTES:

1. CIRCUIT AND HOMERUN ALL EXIT AND EMERGENCY LIGHTING UNITS TO EXIT SWITCH DISCONNECT ADJACENT TO PANEL 'A'.



LIGHTING FLOOR PLAN

1/4" = 1'-0"

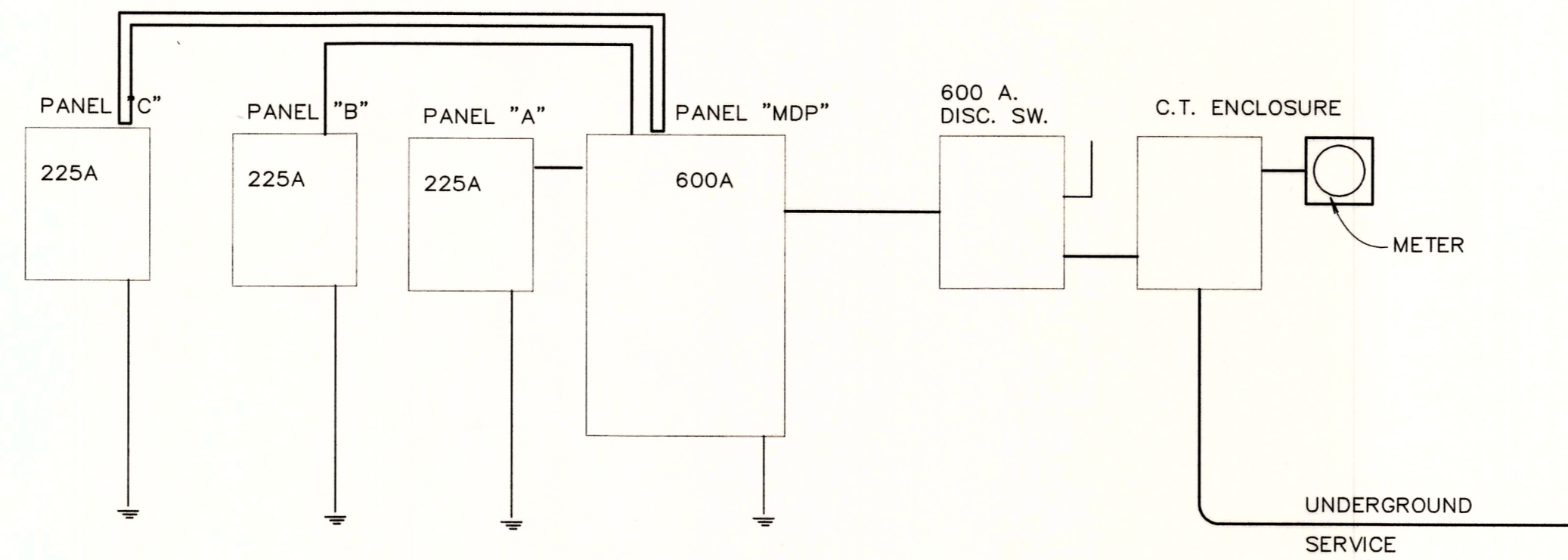
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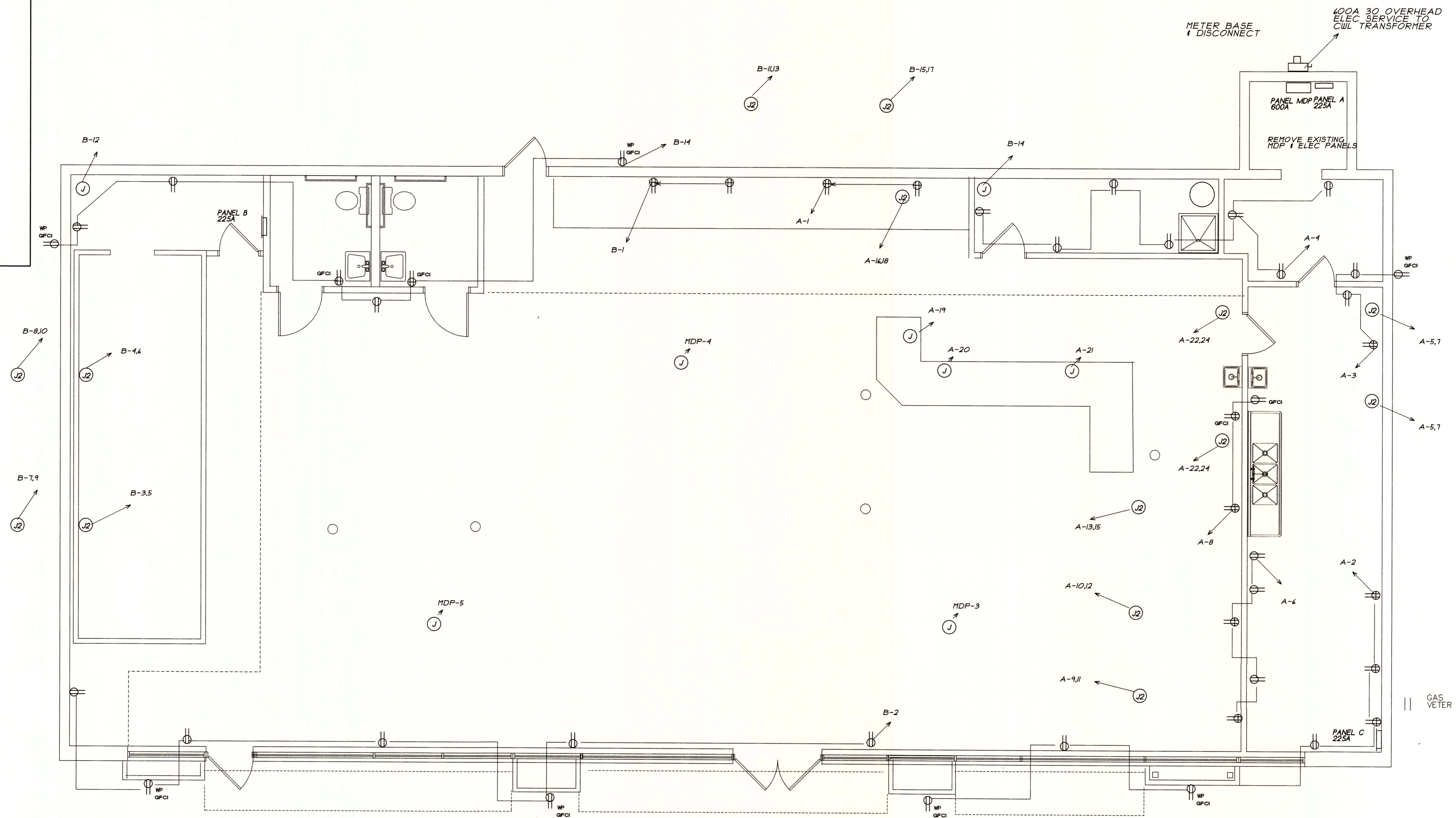
ELECTRICAL PLAN KEY	
\$	SINGLE POLE SWITCH
\$ <sub>2</sub>	DOUBLE POLE SWITCH
\$ <sub>3</sub>	THREE-WAY SWITCH
\$ <sub>4</sub>	FOUR-WAY SWITCH
⊕	DBL RECP. ABOVE COUNTER
⊕	DOUBLE OUTLET
⊕	QUAD OUTLET
⊕ <sub>R</sub>	RANGE OUTLET
⊕ <sub>S</sub>	SWITCH & DBL. RECEPT.
⊕ <sub>D</sub>	DRYER OUTLET
⊕ <sub>WP</sub>	WEATHERPROOF OUTLET
⊕ <sub>GFCI</sub>	GROUND FAULT OUTLET
⊕ <sub>D</sub>	SMOKE DETECTOR
∇	PHONE
▭	CABLE
⊕	120V CONNECTION BOX
⊕ <sub>2</sub>	220V CONNECTION BOX
▭	LAY-IN LED LIGHT
⊕	RECESSED LED
⊕	SURFACE LED
⊕ <sub>H</sub>	WALL LED

INTERIOR BLDG. WALL ← × → EXTERIOR BLDG. WALL



ELECTRICAL RISER DIAGRAM

NO SCALE



POWER FLOOR PLAN

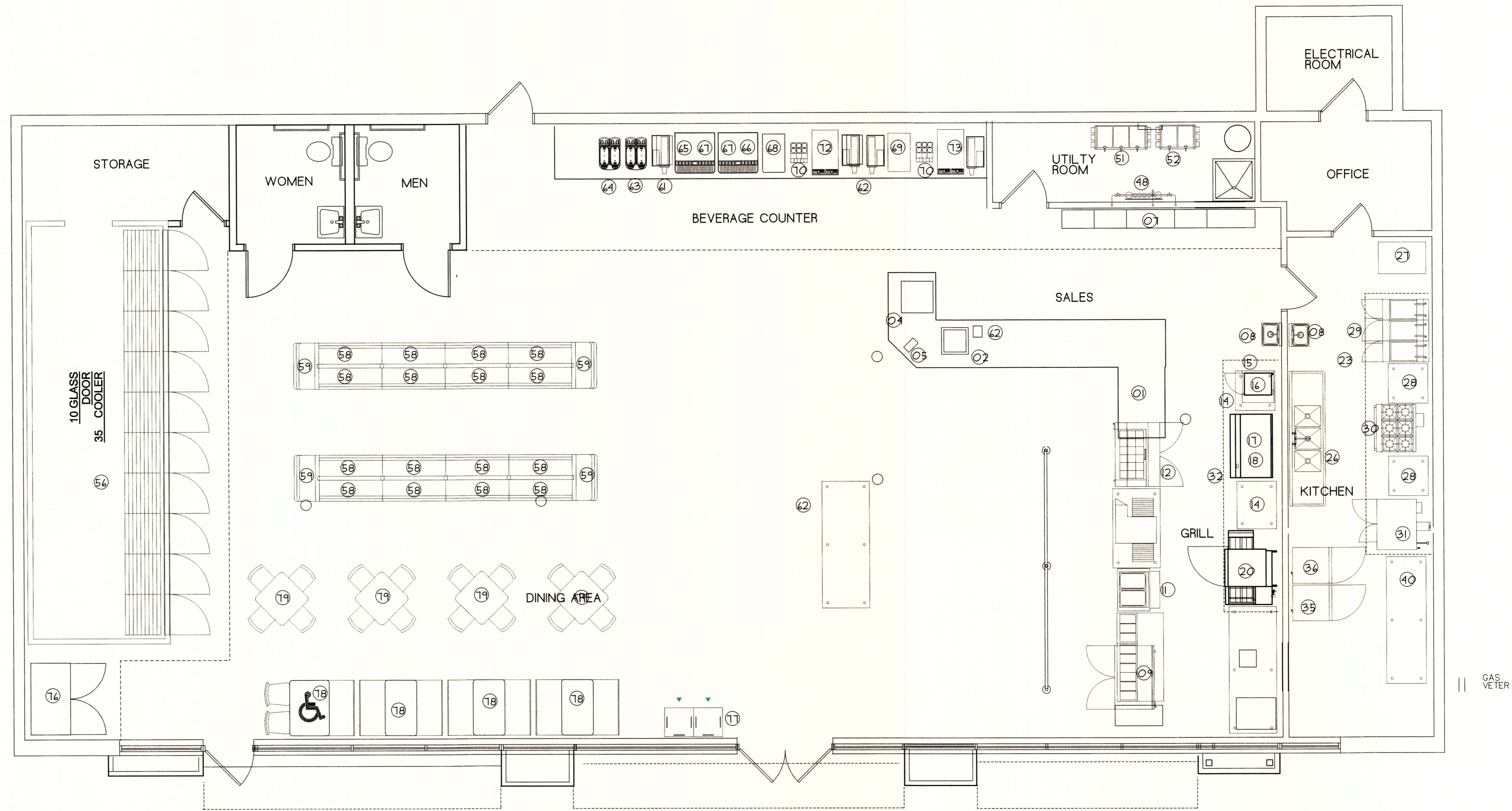
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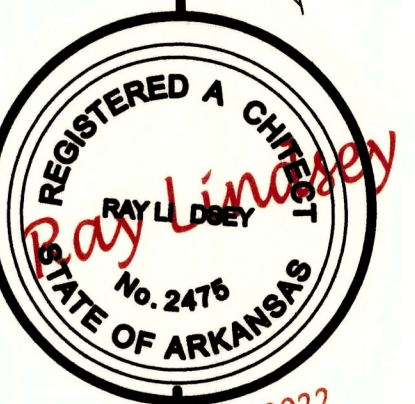
EQUIPMENT FLOOR PLAN

1/4" = 1'-0"

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EQ-1