PROPOSED NEW
TENANT SPACE UPFIT
THE CHICKEN COOP
8116 CLIFFDALE RD SUITE 116
FAYETTEVILLE, NC 28314

SHEET NUMBERING SYSTEM

A-0 COVER

A-1.0 APPENDIX B

A-1.1 FLOOR PLAN

P-1.0 PLUMBING PLANS

M/E-1.0 MECHANICAL PLAN/ELECTRICAL PLAN

GENERAL

CIVIL N/A

LANDSCAPE

N/A

ARCHITECTURAL





GEORGE A. OBREGON, AIA

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Consulted By:

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PROPOSED NEW
TENANT SPACE RENOVATION
THE CHICKEN COOP
8116 CLIFFDALE RD SUITE 116
FAYETTEVILLE, NC

ADA AND LEGAL DISCLAIMER

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COVERSHEET

Project No. 11612

Scale:

Drawn by: TPJr Checked by: GAO

2 Dining Area

lame of Project:	The Chicken Co 8116 Cliffdale Rd	Suite 116			PIN:948	37-67-2126		Zip Code28314		
roposed Use: wner or Authorized Agent:	Assembly (A-2) F Nadeem	Restaraunt Sayeed		1 110110	(910) 574-47	32	E-Mail <u>n</u>	avsyed@hotmail.com		
wned By: ode Enforcement Jurisdictio	n:	□ City/Cou ☑ City _	inty Fayettevi	□ Priv				State State		
ROJECT SUMMARY:			CHANGE	OF USE						
Building Description: Scope of Work: Code Compliance Summany:			KITCHEN	& SEATING A	REA RENO\	/ATION				
Code Compliance Summary: Alternative Means of Complian	nce Request:		NONE	, _,,,DIA D						
EAD DESIGN PROFESSIO			orge Obregon,							
DESIGNER Architectural	FIRM N/A		NAME orge Obregon	LIC	5560		PHONE # 10) 309-3724	E-MAIL archigeobregon@earthlink.net		
Civil Electrical	N/A N/A N/A		N/A N/A N/A		N/A N/A N/A					
Fire Alarm Plumbing Mechanical	N/A N/A N/A		N/A N/A N/A		N/A N/A N/A					
Mechanical Sprinkler-Standpipe Structural :	N/A N/A		N/A N/A		N/A N/A					
INTERIOR WALLS Retaining Walls >5' High	N/A N/A	_	N/A N/A		N/A N/A					
Building	N/A		N/A		N/A					
BUILDING CODE:	□ 2012 Nort□ 2009 Nort□ 2009 NC I□ 2009 Cha	pter 34 (Attach Sumn	ding Code (NCS ding Code (NCS nary)	SBC)						
☑ New Building:	□ 2015 Nort □ New Build □ Addition	h Carolina State Exis	□ S	nde hell Building Iteration to She	II	⊠ First	Time Interior Comple	etion		
☐ Existing Building:	□ Renovatio		⊠ lr □ R	nterior Completion	on		nt Alteration ation to Shell			
Constructed: (date)		f Use Tenant Space	,				ge of Occupancy			
Note: Zoning Review is Requ Driginal Use/Occupancy (Ch. Current Use/Occupancy (Ch. Proposed Use/Occupancy (C	3): 3):	Tenant Sp Tenant Sp		unt (A-2)			 			
ASIC BUILDING DATA:	•	ION REQUIRED FOR		TS)	- · · ·					
Construction Type: check all that apply) dixed Construction	□ I-A □ I-E ☑ No □ Ye	3	□ II-A ☑ II-B		□ III-A □ III-B		□ IV	□ V-A □ V-B		
prinklers: tandpipes:	No □ Pa	artial □ Yes s Class:	□ NFPA			□ Wet	□ NFPA 13D			
ire District: uilding Height:	□ No ☑ Ye (feet) 16	s (APPENDIX D) — 1500 sqft	Flood H	lazard Area:		No No	□ Yes			
cross Building Area (Sq. Ft.): LOOR EXISTIN	IG (SQ FT)	NEW (UPFIT) (SQ FT)		Renovated ar			SUB-TOTAL		
st Floor	1500	NON	NE		NOI	NE		NONE		
asement	NONE	NON	NE .		NON	E		NONE		
OTAL REA of Project Tenant / Alter	1500 ation / Renovation:	NON	NE 1500		NOI	NE		NONE		
REA of New Construction:	0									
CCUPANCY INFORMATION	ı: BAR/LOUNGE									
Occupancy: Assembly Business	□ A	-1 🗹 A-2	□ A-3	□ A-4	□ A-5					
Educational Factory		-1 Moderate	□ F-2 Lo	W						
Hazardous Institutional	□ H	I-1 Detonate ·1	□ H-2 Def	flagerate	□ H-3 Co		☐ H-4 Health ☐ I-4	□ H-5 HPM		
Mercantile	I-3 Condition	□ 1	□ 2	□ 3	□ 4	□ 5				
Residential Storage		l-1 □ R-2 I-1 Moderate Parking Garage	□ R-3	☐ R-4 ☐ S-2 Low ☐ Enclosed		□ High- _F □ Repa	oiled air Garage			
Utility and Miscellaneous	.	J 49°	. Opon			, tope	9-5			
Accessory Occupancies: NC Assembly Business	NE □ A	-1 □ A-2	□ A-3	□ A-4	□ A-5					
Educational Factory		-1 Moderate	□ F-2 Lo	W						
Hazardous Institutional		I-1 Detonate	☐ H-2 Def		□ H-3 Co	mbust	☐ H-4 Health ☐ I-4	☐ H-5 HPM		
Mercantile	I-3 Condition	□ 1	□ 2	□ 3	□ 4	□ 5				
Residential Storage		5-1 Moderate	□ R-3	☐ R-4 ☐ S-2 Low		☐ High-p				
Utility and Miscellaneous	s 🗆	arking Garage	□ Open	□ Enclosed		⊔ Кера	air Garage			
ncidental Uses (Table 508.2.5	any piece of equip									
☐ Rooms with boilers v☐ Refrigerant machine☐ Hydrogen cutoff roor	room		ver 10 psi and	10 Horsepower						
☐ Incinerator rooms☐ Paint shops, not clast	sified as Group H,	located in occupancie								
☐ Laboratories and voc ☐ Laundry rooms over ☐ Group L3 cells equip	100 square feet	·	. located in a G	roup E or I-2 od	ccupancy					
☐ Group I-3 cells equip☐ Group I-2 waste and☐ Waste and linen coll	linen collection roo	ms								
☐ Stationary storage ba	attery systems havi	•		•						
☐ Rooms containing fir☐ Group I-2 storage ro	e pumps oms over 100 squa				_					
☐ Group I-2 commercia☐ Group I-2 laundries €	equal to or less than		dor-							
☐ Group I-2 rooms or s Special Uses: NON	· IF	fuel-fired heating equal 403 404		□ 406	□ 407	□ 40	8 □ 409	□ 410 □ 411	□ 412 □ 413	
	□ 414 □ □ 426 □] 415 □ 416] 427	□ 417	□ 418	□ 419	□ 42	0 🗆 421	□ 422 □ 423	☐ 412 ☐ 413 ☐ 424 ☐ 425	
Special Provisions: Mixed Occupancy:	□ 509 ☑ No	9.2 □ 509.3 □ Yes	☐ 509.4 Separation:	□ 509.5 I	□ 50 Hr. Ex	9.6 ception:	□ 509.7	□ 509.8 □ 509.9		
	eparation (508.2.5) s not exempt as a N	Non-Separated Use (s	see exceptions).							
 Non-Separated U The required type 	lse (508.3) e of construction for	r the building shall be	determined by	applying the he	-			ululu v		
☐ Separated Use (5	508.4) - See below	ntire building. The mo v for building area limi pancy shall be such t	itations calculat	ed as required l	by paragraph	508.4.2.	appiy to the entire bu	maing.		
•	ed by the allowable	floor area for each us Actual Area of Occu	se shall not exc		u.ai 11001 d		ual Area of Occupan	су В	< A	
		Allowable Area of			+ +		ble Area of Occupan		≤ 1 < 1.25	
ALLOWABLE AREA 8	c ALLOWABLE	E HEIGHT INC	REASES		(THI	S SECTION	FOR NEW, ADDITIO	ON, CHANGE OF USE AND		
EXTERIOR WALL A	CTUAL LENGTH			CREASE CALO	CULATIONS:	WIDTH	OF PUBLIC WAY	OR OPEN SPACE (FEET)		
North										
South East										
Luot									1 1	
West Tota		F)		F				W	

BOTH BUILDING AND TENANT MUST BE INDICATED ON CHART BELOW (THIS SECTION FOR NEW, ADDITION, CHANGE OF USE AND INTERIOR COMPLETIONS)

ALLOWABLE AREA CALCULATIONS:

		BLDG AREA PER STORY (ACTUAL)	TABLE 506.2 AREA (TYPE II-B)	(C) % OPEN SPACE INCREASE 1	(D) % SPRINKLER INCREASE 2	(E) ALLOWABLE FLOOR AREA OR UNLIMITED ³	RATIO OF ACTUAL/ ALLOWABLE A/E	(F) MAXIMUM BUILDING AREA ⁴	SEPARATION RATING REQUIRED
1	A-2	1500	9,500	NONE	NONE	9,500	0.16	19,000	N/R

1 Frontage area increases from Section 506.2 are computed thus: a. Perimeter which fronts a public way or open space having 20 feet minimum width = _____(F)

b. Total Building Perimeter = _____(P) c. Ratio (F/P) = _____ (F/P)

d. W = Minimum width of public way = ____ (W) e. Percent of frontage increase I = 100 [F/P - 0.25] x W/30 = _____ (%)

2 The sprinkler increase per Section 506.3 is as follows:

a. Multi-story building I = 2 (200 percent) b. Single story building I = 3 (300 percent)

3 Unlimited area applicable under conditions of Sections Group B, F, M, S, A-4 (507.1,507.2,507.3,507.4,507.7); Group A motion picture (507.10); Malls (507.11); and H-2 aircraft paint hangers (507.8).

4 Maximum Building Area = total number of stories in the building x E (506.4).

5 The maximum area of parking garages must comply with 406.3.5. The maximum area of air traffic control towers comply with 412.1.2.

		ALLOWABLE HEIGHT CALCULATIONS:		
	ALLOWABLE (TABLE 503)	INCREASE FOR SPRINKLERS	SHOWN ON PLANS	CODE REFERENCE
Type of Construction	Туре	II-B	Туре <u>II-В</u>	TABLE 601
Building Height in Feet	Feet55	Feet = H + 20' =n/a	Feet	TABLE 504.3
Building Height in Stories	Stories 2	Stories + 1 =n/a	Stories =1	TABLE 504.4
•	•	•	•	•

FIRE PROTECTION REQUIREMENTS

BUILDING ELEMENT	FIRE	RATING **	(TABLE 601)	DETAIL#	DESIGN #	DESIGN # FOR	DESIGN#
	SEPARATION DISTANCE (FEET)	REQ'D II-B	PROVIDED (w/* REDUCTION	AND SHEET#	FOR RATED ASSEMBLY	RATED PENETRATION	FOR RATED JOINTS
Structural Frame, including columns, girders, trusses		0	EXISTING BUILDING				
Bearing walls Exterior		0	EXISTING BUILDING				
North							
East							
West							
South							
Interior Bearing Walls (COLUMNS)		0	EXISTING BUILDING				
Nonbearing walls Exterior							
North							
East							
West							
South							
Interior Non-Bearing Walls							
Floor construction including supporting beams and joists							
Roof construction including supporting beams and joists		0	EXISTING BUILDING				
Shafts Enclosures - Exit Enclosures							
Shafts Enclosures - Other (describe)							
Corridor Separation							
Occupancy Separation							
Party/Fire Wall Separation Smoke Barrier Separation Tenant Separation							
Incidental Use Separation							

(THIS SECTION REQUIRED FOR ADDITIONS, NEW AND CHANGE OF USE PROJECTS) PERCENTAGE OF WALL OPENINGS CALCULATIONS Allowable openings per Table 705.8 ALLOWABLE OPENINGS MEET REQUIREMENTS OF

WALL LEGENDS (THIS SECTION REQUIRED FOR ALL PROJECTS) CHECK IF THE FOLLOWING ARE PRESENT AND INDICATE BY A ON WALL LEGEND

☐ Fire Barriers 707

LIFE SAFETY SYSTEM	REQUIREMENTS		(THIS SECT	ION REQUIRED FOR ALL P	ROJECTS)
Emergency Lighting:	□ No	Yes			
Exit Signs:	□ No	Yes			
Fire Alarm:	☐ No	Yes			
Smoke Detection Systems:	□ No	Yes		Partial	(DUCT DETECTORS)
Panic Hardware:	□ No	Yes			
Life safety systems generator:	☐ No	Yes			

	EXIT REQUIR	EMENTS NUMBER &	ARRANGEMENT OF EXITS	(THIS SE	CTION REQUIRED FOR ALL PR	OJECTS)	
FLOOR, ROOM AND/OR SPACE DESIGNATION	MINIMU NUMBER OF		TRAV	EL DISTANCE	ARRANGEMENT MEANS OF EGRESS (SECTION 1015.2)		
DESIGNATION	REQUIRED	SHOWN ON PLANS	ALLOWABLE TRAVEL DISTANCE (TABLE 1017.2)	ACTUAL TRAVEL DISTANCE SHOWN ON PLANS	REQUIRED DISTANCE BETWEEN DOORS	ACTUAL DISTANCE SHOWN ON PLANS	
Assembly A-2	2	2 EXISTING	200 FT	42 FT	63 FT	58 FT	
				I .	I .	1	

☐ Smoke Partitions 711 ☐ Smoke Barriers 710 ☐ Shaft Enclosure 708

Corridor dead ends (Section 1018.4)

☐ Fire Partitions 709 ☐ Fire Walls 706

Single exits (Section 1015.1; Section 1021.2) Common Path of Egress Travel (Section 1014.3)

OCCUPANT LOAD AND EXIT WIDTH (THIS SECTION REQUIRED FOR ALL PROJECTS)

	(a)	(b)	(a/b)	(c)	E	EXIT WIDTH ((in) 2,3,4	,
USE GROUP AND/OR SPACE DESIGNATION	AREA 1	AREA PER	NUMBER OF	EGRESS PER OCC (SECTION	CUPANT	REQUIRED WIDTH (SECTION 1005.1) (a/b)(c)		ACTUAL WIDTH SHOWN ON PLANS	
		OCCUPANT	OCCUPANTS	STAIR	LEVEL	STAIR	LEVEL	STAIR	LEVEL
KITCHEN	488	200	44		0.20		8.8		72
DINING AREA	648	15	3		0.20		0.6		
OFFICE	81	100	1		0.20		0.2		
TOTAL # OF OCCUPANTS			48				9.6		72

See Table 1004.1.1 to determine whether net or gross area is applicable 2 Minimum stairway width (Section 1009.1); min. corridor width (Section 1018.2); min. door width (Section 1008.1.1)

4 The loss of 1 means of egress shall not reduce the availability capacity to less than 50% of the total req'd (Sect 1005.1) 5 Assembly occupancies (Section 1028)

	ASSEMBLY OCC	JPANCY INFORMATION	(THIS SECTION REQ	(THIS SECTION REQUIRED FOR ASSEMBLY USE AREAS)						
(a) SPACE DESCRIPTION	(b) AREA (SQ. FT.)	(c) * OCCUPANT LOAD FACTOR	(d) OCCUPANT LOAD (b/c)	(e) EXIT WIDTH	(e) EXIT QUANTITY					
KITCHEN	488	200	44	N/R	N/R					
DINING AREA	648	15	3	N/R	N/R					
OFFICE	81	100	1	N/R	N/R					
				N/R	N/R					
_				N/R	N/R					
				N/R	N/R					
OTAL # OF ASSEMBLY OCCUP	PANTS		48 Occupants	72	2					

Life Safety Plan Sheet #:	LIFE SAFETY PLAN REQUIREMENTS LS-2	(THIS SECTION REQUIRED FOR ALL PROJECTS)
	☐ Fire and/or smoke rated wall locations (Chapter 7)	
	☐ Assumed and real property line locations	
	 Exterior wall opening area with respect to distance 	to assumed property lines (705.8)
	□ Existing structures within 30' of the proposed build	ling
	☐ Occupancy types for each area as it relates to occ	supant load calculation (Table 1004.1.1)
	Exit access travel distances (1016)	
	☑ Common path of travel distances (1014.3 & 1028.	8)
	☐ Dead end lengths (1018.4)	
	☑ Clear exit widths for each exit door	
	Maximum calculated occupant load capacity each	exit door can accommodate based on egress width (1005.1)
	 A separate schematic plan indicating where fire ra purposes of occupancy separation 	ted floor/ceiling and/or roof structure is provided for
	☐ Location of doors with panic hardware (1008.1.10)	
	$\ \square$ Location of doors with delayed egress locks and the	ne amount of delay (1008.1.9.7)
	□ Location of doors with electromagnetic egress lock	ss (1008.1.9.8)
	□ Location of doors equipped with hold-open devices	3

□ Note any code exceptions or table notes that may have been utilized regarding the items above

□ Location of emergency escape windows (1029)

☐ The square footage of each smoke compartment (407.4)

☐ The square footage of each fire area (902)

	ACCESSIBLE	DWELLING UNITS (S	ECTION 1107)	(THIS SECTION REQUIRED FOR ALL RESIDENTIAL PROJECTS)						
TOTAL UNITS	ACCESSIBLE UNITS REQUIRED	ACCESSIBLE UNITS PROVIDED	TYPE A UNITS REQUIRED	TYPE A UNITS PROVIDED	UNITS UNITS		TOTAL ACCESSIBLE UNITS PROVIDED			
	NONE REQUIRED									

	PLUMBING FI	XTURE REQUIREN	ΛEΝ	TS	(TH	IIS SEC	TION	REQUIRE	FOR A	LL PROJEC	TS)			
OCCUF	PANCY			WATER CLOSETS				URINALS		LAVATORI	ES	SHOWERS/	DRINKING	FOUNTAINS
		ı	MALE	UNISEX	FEMA	LE		MALE	UNISEX	FEMALE	TUBS	REGULAR	ACCESSIB	
ASSEMBLY (A-2	2)			1		1			1		1			
							_							
							_				-1			
TOTAL REQUIRED			1	1 —				1	Ī ——					
		-				_								
TOTAL PROVIDI	ED THIS PROJECT			1		1			1	Ī —	1			
													•	
BUILDING DRAIN SIZE	NUMBER OF BUILDING DRAINS	TOTAL FIXTURE UNIT LOAD		WATER SERVICE SIZE (INCHES)			NUMI WA SERV		FIXT	TOTAL URE UNIT LOAD		N	OTES	
4"	1	38		1				1	30					
			1											

OTDUOTUDAL DECISION	OADC	THIS SECTION DECLIDED FOR NEW CONSTRUCTION DRO JECTON
STRUCTURAL DESIGN LO		(THIS SECTION REQUIRED FOR NEW CONSTRUCTION PROJECTS)
EXISTING OCCUPIED BUILDING NO STRUCTURAL RE		
Structure conforms to Conventional Light Frame Provisions of	of 2308	
1 Yes, continue No, Go to Line 9		
2 Roof Live Load =		PSF
3 Floor Live Load =		PSF
4 Ground Snow Load (Pg) =		PSF
5 Basic Wind Speed, 3 sec gust =		MPH
6 Seismic Site Class =		
7 Seismic Design Category =		
8 Go to Line 44		
9 Live		Area
10 Floor Live Load (indicate area) =		
11 Floor Live Load (indicate area) =		
12 Floor Live Load (indicate area) =		N _a
13 Live Load Reduction used in Design14 Roof Live Load =	□ Yes	No
14 Roof Live Load =15 Roof Snow Load		
16 Flat-Roof Snow Load (Pf) =		
17 Snow Exposure Factor (Ce) = 18 Snow Importance Factor (Is) =		
19 Thermal Factor (Ct) =		
20 Wind Design		
21 Basic Wind Speed, 3 sec gust =		
22 Wind Importance Factor (Iw) =		
22 Willia Importance Factor (IW) =		
23 Wind Exposure		
24 Internal Pressure Coefficient		
25 Components and Cladding Loads =		
26 Wind Base Shear, Wx		
27 Wind Base Shear, Wyx		
28 Earthquake Design		
29 Seismic Importance Factor (Ie) =		
30 Occupancy Category		
31 Mapped Spectral Response Acceleration Ss		
32 Mapped Spectral Response Acceleration S1		
33 Site Class		(Provide soils report is Site Class is not "D")
34 Spectral Response Coefficient, Sds =		
35 Spectral Response Coefficient, Sd1 =		
36 Seismic Design Category =		
37 Building (Structural) System		
38 Basic Seismic Force Resisting System		
39 Seismic Response Coefficient (Cs) =		
40 Response Modification Factor, R =		
41 Analysis Procedure Used =		
42 Seismic Base Shear, Sx		KIPS
43 Seismic Base Shear, Sy 44 Soils		KIPS
45 Presumptive Soil Bearing Pressure =		PSF
46 Bearing Pressure per Soils Report =		PSF
47 Deep Foundation Type		.
47 Deep Foundation Type 48 Deep Foundation Allowable Loads		TONS, downward
49 Uplift		KIPS
50 Lateral		KIPS

ACCESSIBLE	PARKING (SECTION 1106)	(THIS S	ECTION FOR NEW, ADDITION	N, CHANGE OF USE	AND INTERIOR COMP	LETIONS)
	TOTAL # OF PARKING SP	ACES	# OF ACCESSIBLE SPACES	PROVIDED		
OT OR PARKING			REGULAR WITH 5'	VAN SPACES	WITH	TOTAL # ACCESSIBLE
REA	REQUIRED	PROVIDED	ACCESS AISLE	132" ACCESS	96" ACCESS	PROVIDED
				AISLE	AISLE	-
KISTING						
EW						
DTAL						
	* FXISTING PAR	KING FOR BLIII DING	IS NOT CHANGED			•

EXISTING						
NEW						
TOTAL						
	* EXISTING PAR	KING FOR BUILDING	IS NOT CHANGED			
ENERGY REQUIREMENTS:	ENERGY SUM	IMARY (THIS S	SECTION FOR NEW, ADDITION	I, CHANGE OF USE A	ND INTERIOR COMP	LETIONS)
also be provided.	Each Designer shance method, state	all furnish the	and any special att required portions o energy cost for the	of the project	information	

Climate Zone:	₹ 3	□ 4	□ 5	CUMBERLAND COUNTY
Method of Complia	ance:			
\checkmark	Prescriptive	(E	Energy Code)	
	Performance	(E	Energy Code)	
	Prescriptive	(A	ASHRAE 90.1)	
	Performance	(A	ASHRAE 90.1)	

THERMAL ENVELOPE (SEE DRAWING SHEET) OR COMCHECK PRINTOUT
= = = (-==	

MECHANICAL SUMMARY (SEE DRAWING SHEET)	(THIS SECTION REQUIRED FOR ALL PROJECTS THAT INCLUDE MECHANICAL DESIGN.)
ELECTRICAL SUMMARY (SEE DRAWING SHEET)	(THIS SECTION REQUIRED FOR ALL PROJECTS THAT INCLUDE ELECTRICAL DESIGN.)



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Consulted By:

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evisions:	

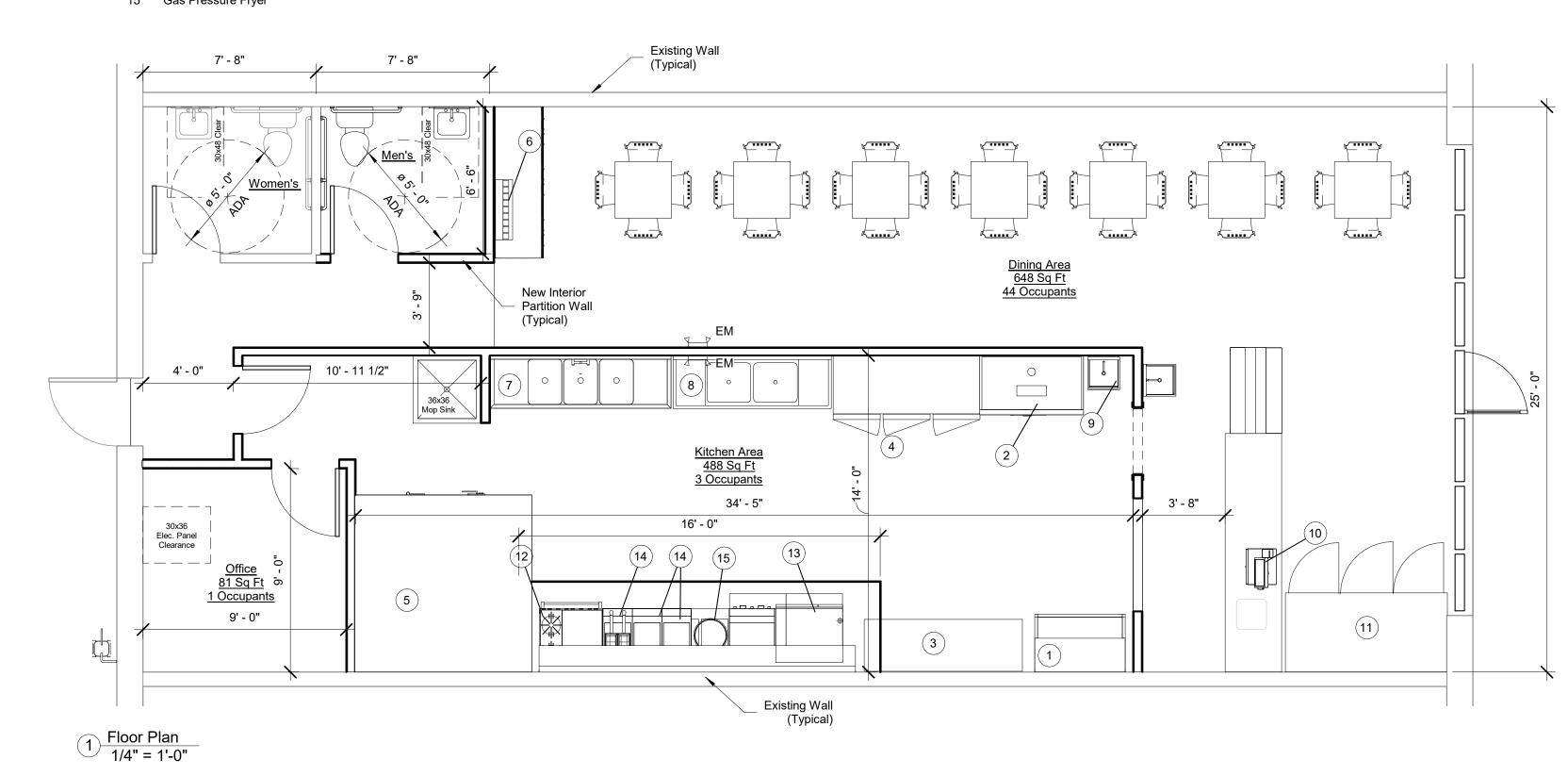
Appendix B

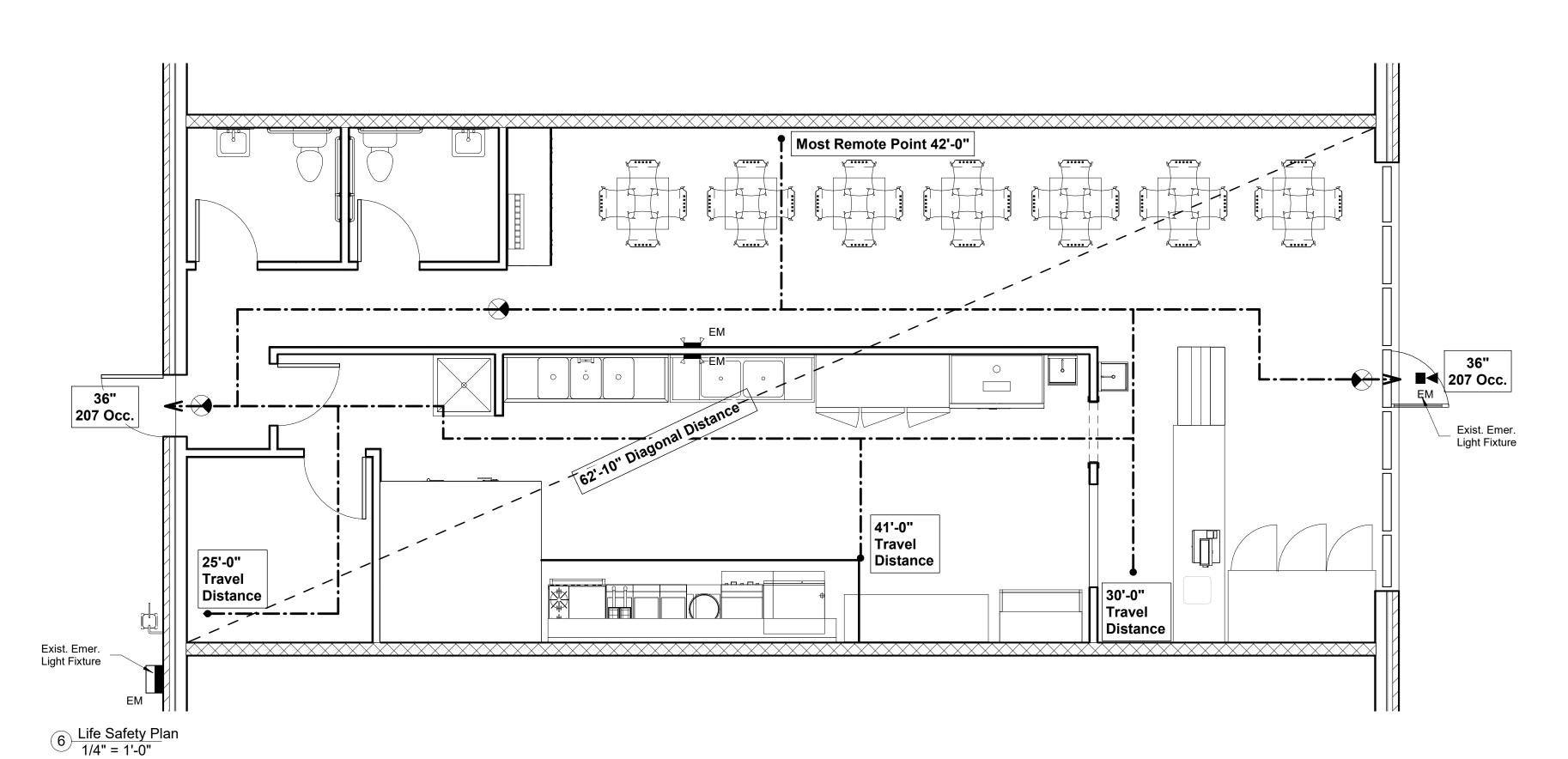
D : .		
Project:		

Project No. 116120

Date: 08/20/21







Floor Plan Notes:

1. All structural information shown for reference purposes only. Contractor shall have licensed structural engineer review and design all structural elements such as all framing walls, beams, connections, headers, joists and rafters. 2. All dimensions are from center line of stud to face of exterior stud unless noted otherwise. 3. Window sizes indicated on plans are noted by approximate rough opening size. Refer to plans and exterior elevations

4. Coordinate location of utility meters with site plan and locate away from public view visual impact shall be minimized, i.e. mount as low as possible.

5. Do not scale drawings. Follow dimensions only. 6. Contractor shall field verify all cabinet dimensions before fabrication. 7. All glass located within 18" of floor, 12" of a door of located within 60" of floor at bathtubs, whirlpools, showers,

saunas, steam rooms or hot tubs shall be tempered. 8. All exposed insulation shall have a floam e spead rating of less than 25 and a smoke density rating of less than 450. 9. Provide combustion air vents, with screen and back damper, for fireplaces, wood stoves and any appliance with an

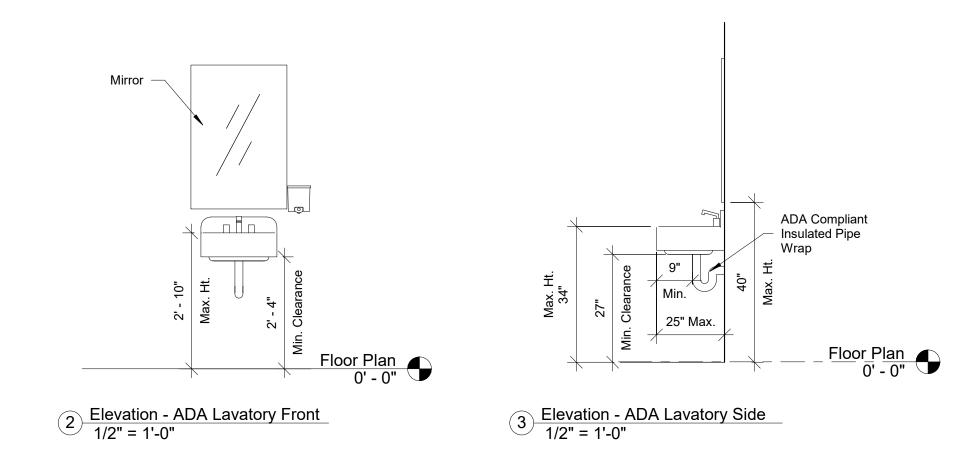
10. Bathrooms and utility rooms shall be vented to the outside with a minimum of a 90 cfm fan. Range hoods shall also be vented to outside.

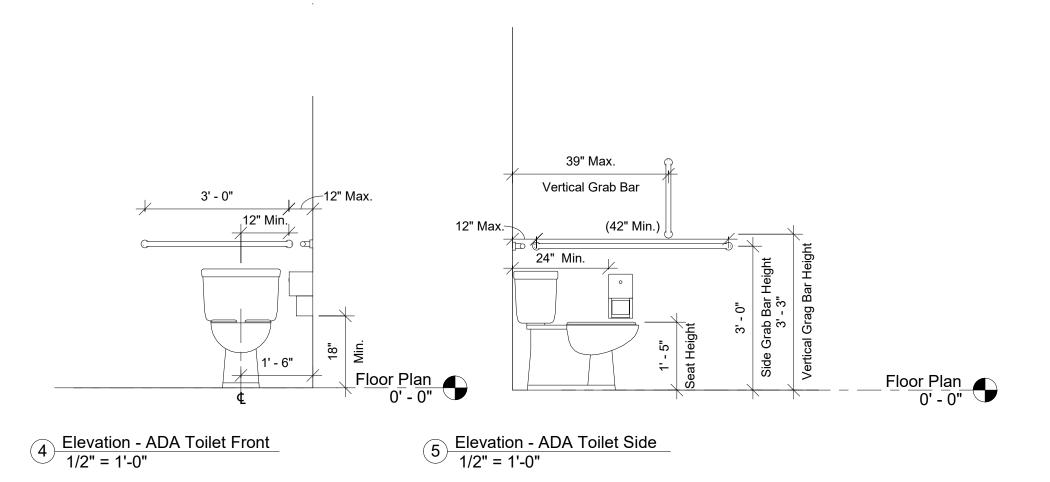
11. Attic HVAC units shall be located within 20'-0" of its service opening. Return air grilles shall not be located within 10'-0" of a gas fired appliance.

12. All walls and ceilings in storage areas to have 5/8" Type-X gyp. brd. with 1-Hour fire rating.

13. All interior walls shall be covered with 1/2" gyp. brd., with metal corner reinforcing, tape float and sand. (3 coats) use 5/8" gyp. brd. on ceilings when supporting members are 24" O.C. or greater. Use 1/2" gyp. brd. on ceiling members less

14. All bath and toilet area walls and ceiling shall have water resistant gyp. brd. or FRP







GEORGE A. OBREGON, AIA

Fayetteville, North Carolina (910) 309-3724 Email: archigeobregon@embarqmail.com

Consulted By:

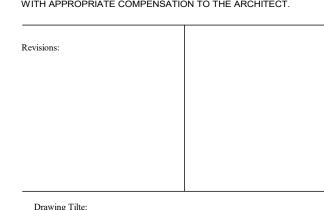
TIMOTHY PEPPERS JR. RESIDENTIAL DESIGN CONSULTANT CAMERON NORTH CAROLINA (910) 644-4587

timpep75@gmail.com

PROPOSED NEW TENANT SPACE RENOVATION THE CHICKEN COOP 8116 CLIFFDALE RD SUITE 116 FAYETTEVILLE, NC

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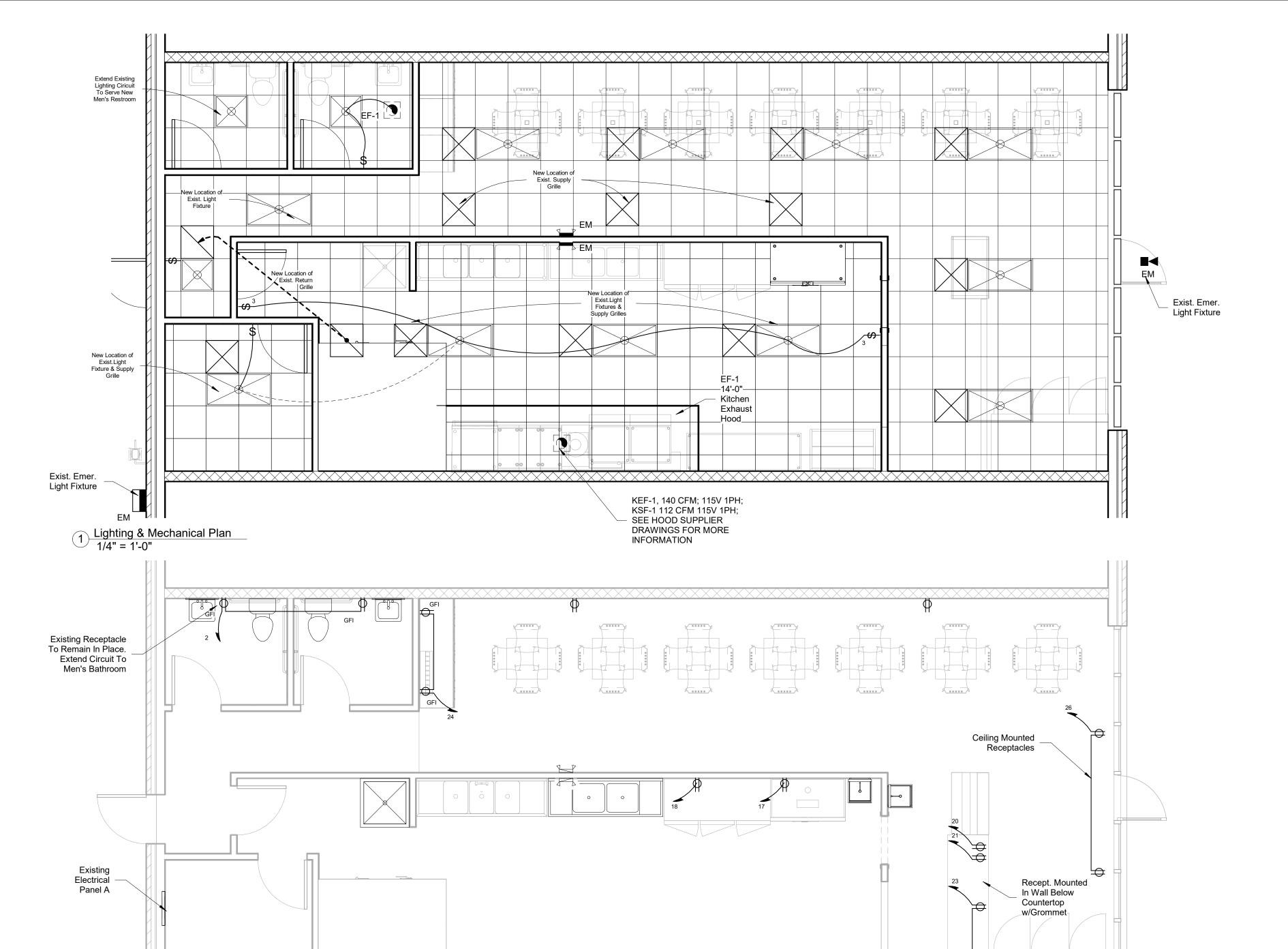
Floor Plan

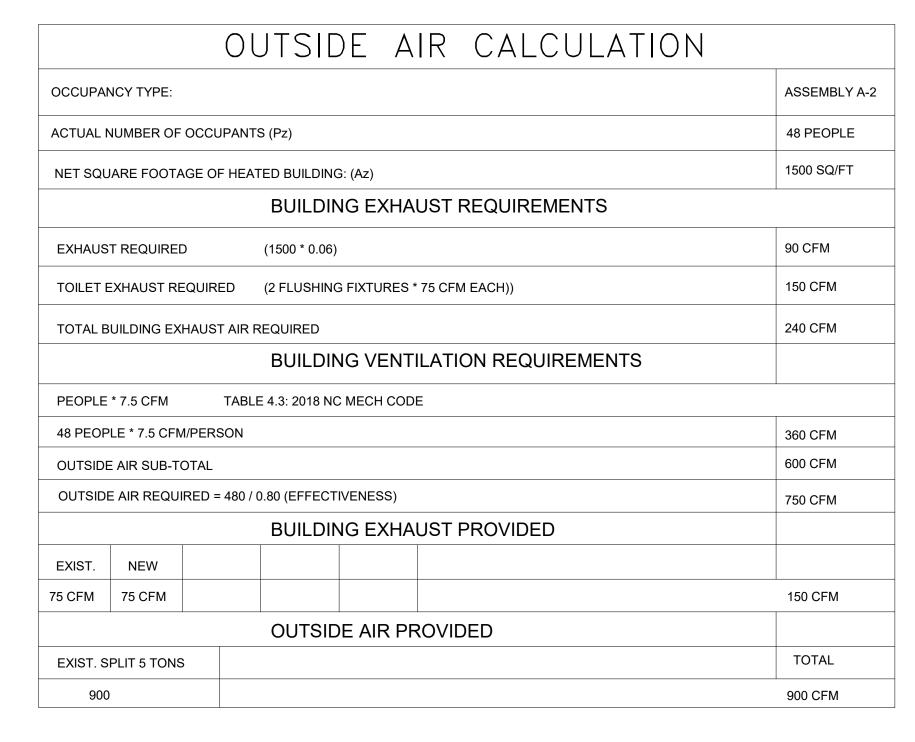
Project No. 116120

Scale: As indicated

Date: 08/20/21

Drawn by: TPJr Checked by: GAO





₾ /*	(12111)	NG PANEL												RMS_S R \times neutral termina			
	HAS ADIN	DESC RIPTIO	C K T TYPE	WIRE SIZ	CKT BKR TRIP	C KT NO	<i>A</i>	A B	Ç	C KT NO	CKT BKR TRIP	WIRE SIZ	C K T TYPE	DESC RIPTIO		PHAS LOADIN	N
A 1	ВС	Outdoor	EX	1	20	1 1					20	1	EX	BATHROOM	0.3	В	С
	.3	Lightin	EX	1	20	3				4	20	1	EX	SIGN	0.0	1.0	+-
	0.5	Exist.	EX	1	20	5				$-\frac{1}{6}$	30	'	EX	WATER HEATER		1.0	4.
).5	0.0	Exist.	EX	1	20	7				8	20	1	Н	AIR	1.0	+-	+ '
	.9	WALK-IN	K	1	20	9								AllV	1.0	3.5	+
	0.3	APPLIANCE	K	1	20	1					30	1	Н	CONDENSING		+	3.
).6		RECEPTACLE				1				1				OUNDERONO	3.5	+	+
	.6	STEAMER	K	1	30	1				1	20	1	K	APPLIANC E		0.3	+
	0.4	REACH-IN	K	1	20	1				1	20	1	K	RECEPTACHE			1.
.8		REFRIGERATOR	С	1	20	1		-		2	20	1	С	ICEPEERERM	0.8	+	+
0	.4	APPLIANCE	K	1	20	2				2	20		K	SAABWAETH		0.5	+
	0.3	RECEPTION COUNTER	E	1	20	2				2	20	1	N	DRINK ^A STATION		+	0.
.0		KITCHEN EXHABST	Н	1	20	2				2	20	1	N	REGIFATAGLES	0.3	+	
	_	HOOD				2				2				SIGN		_	+
	5.2				F.0	2								SPAC			<u> </u>
5.2		PRESSURE FRYER	K	6	50	3								SPAC	_		<u> </u>
	_	SPAC				3		-						SPAC		_	
	_	SPAC				3			-					SPAC			<u> </u>
-		SPAC				3		-						SPAC	_		
	-	SPAC				3				4				SPAC		_	
	_	SPAC				4				4				SPAC			-
7.4 6	.2 6.9		'	_ S	UB –TOT.	AL				S	SUB -TOT	AL -	'		5.6	5.3	5.
C CO	NTINUOUS	E ESTIN	MATED												1		
H HV	AC	EX EXIS	Γ														
	N-CONTINUO							TO	TAI	CONNE	CTED		_	37.0 KVA AMPS	_	77.1	

2' Cooking Equipment HOOD DETAIL

N.T.S.

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

HOOD	MOUNTING	MODEL	НО	OD DIMEN	SIONS	HOOD	TEMP		EXHAUST		SUPPLY	TOTAL	SECTION	LIG	HTING	G DETAILS	GREASE	E FILT	RATION
NO.	WOONTING	WODEL	LENGT	WIDTH	HEIGHT	CONSTR.	RATING	CFM	COLLAR DIM	S.P.	MUA	WEIGHT	LOCATION	LAMP	QTY.	FOOT CANDLES	TYPE	QTY	SIZE
EH-1	WALLMOUNTED	GHFW-72-	·S 72	48	24	SS EXPOSED	600 DEG F	1000	9W X13L	0.42	700 CFM	264 LBS	SINGLE	100W A19	2	39.21	SS BAFFLE	4	16Lx20H
NTEGRAL S	SUPPLY PLENUM INFORM	MATION																	
			TVDF	051	.		COLLARS												
NTEGRAL S HOOD NO.	SUPPLY PLENUM INFORM	MATION POS.	TYPE	CFM	1 TYF	PE MOUNT	COLLARS	CFM S	.P. VEL.										

* REMOTE PULL STATION - STANDARD - INSTALLED AT SINGLE POINT OF EGRESS

EXHAUST FAN

HOOD MOUNTING MODEL DRIVE TYPE FAN SPEED ACT. VOLUME EXTERNAL HP BASE WT

EH-1 WALL MOUNTED DIRECT 1553 RPM CFM 0.629 in. wg 1/4 55 LBS

MARK LOCATION SERVICE CFM S.P. WATTS RPM VOLT PHASE DRIVE

75 0.125"

Scope of Work: Mechanical & Electrical

with owner and equipment specifications.

EXHAUST FAN SCHEDULE

80

(1) ROOF CAP WITH BIRDSCREEN(2) MESH FILTER

EXHAUST

CEILING

EF-1

(3) BACKDRAFT DAMPER(4) WIRED FOR CONTINUOUS OPERATION DURING NORMAL HOURS

DIRECT

1050 120

COMMENTS

FAN/LIGHT COMBO

NOTES

(1)(2)(3)(4)

<u>Mechanical:</u> Mechanical work will require the relocation of existing return and supply grilles to coordinate with new partition wall layout, installation of toilet exhaust fan, and

to remain in place to serve new occupancy. No other mechanical work will be required.

<u>Lighting:</u> Electrical Lighting work will require the relocation of existing light fixtures to coordinate with new partition wall layout. One light fixture and switch to be added.

<u>Power:</u> Electrical Power work will require addition of new circuits to serve kitchen and

dining room equipment. Verify all power requirements and location of outlets

installation of kitchen hood. Existing 3 Ton Air Conditioning Unit

	ELECTRICAL LEGEND
Φ	DUPLEX RECEPTACLE; MOUNT AT 18" A.F.F.
⊕ _{GFI}	DUPLEX RECEPTACLE; GROUND FAULT INTERRUPTER
⊕ WP/ GFI	DUPLEX RECEPTACLE; WEATHERPROOF/GROUND FAULT INTERRUPTER
	SINGLE POLE POWER/LIGHTING HOMERUN (SINGLE PHASE)
	2-POLE POWER HOMERUN (SINGLE PHASE)
	DISCONNECT
J	JUNCTION BOX
	POWER PANEL
\$ os	SWITCH, OCCUPANCY SENSOR
\$ ₃	3-WAY SWITCH
\$ _{3D}	3-WAY DIMMER SWITCH
o	LAY-IN/SURFACE MOUNTED LED
	EMERGENCY LIGHT
EXIT	EXIT/EMERGENCY COMBO



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Consulted By:

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PROPOSED NEW
TENANT SPACE RENOVATION
THE CHICKEN COOP
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OMPLETION OF THIS PROJECT EXCEPT BY AGREEMENT IN WRITING /ITH APPROPRIATE COMPENSATION TO THE ARCHITI

Drawing Tilte:
Electrical &
Mechanical

Mechanica Plan

Date: 08/20/21

Project:

s indicated Dr

M/E-1.

PLUMBING NOTES: PLUMBING WORK SHALL BE IN ACCORDANCE WITH THE NORTH CAROLINA PLUMBING CODE 2012 EDITION AND

ALL WORK SHALL BE COORDINATED AND PERFORMED WITH PRIOR APPROVAL FROM THE GENERAL CONTRACTOR AND OWNER TO SUIT THE OWNER'S OPERATING CONDITIONS.

PLUMBING CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND NOTIFY THE GENERAL CONTRACTOR OF ANY DEVIANCES FROM THE CONTRACT DRAWINGS PRIOR TO STARTING ANY WORK.

THE PLUMBING CONTRACTOR SHALL COORDINATE WITH OTHER TRADES INVOLVED IN THIS PROJECT PRIOR TO INSTALLATION OF HIS EQUIPMENT, SO AS TO AVOID CONFLICTS DURING CONSTRUCTION AND ALLOW FOR OPTIMUM WORKING SPACE AND MAINTENANCE. THINK OF OTHER CONTRACTORS AND THEIR REQUIREMENTS IN VERTICAL CHASES AND WALL MOUNT SPACE. ALL CONTRACTORS TO FOLLOW THIS ORDER OF PRIORITY:

1. STORM AND SANITARY SEWER LINES 2. DUCTWORK AND HVAC SYSTEMS

3. HOT AND COLD WATER LINES

4. RIGID CONDUIT 5. CABLE

[⊘]FCO

THE PLUMBING CONTRACTOR TO ORGANIZE HIS PIPING IN ATTIC SPACES, CRAWL SPACES, AND ABOVE CEILINGS. MAKE RUNS PARALLEL, PERPENDICULAR, AND GROUPED TOGETHER WHERE POSSIBLE. LOCATE MAJOR GROUPINGS OVER HALLWAYS AND AREAS OF PUBLIC ACCESS IF POSSIBLE. FREE RUNS OF PIPING IS NOT ACCEPTABLE.

THE PLUMBING CONTRACTOR SHALL LAY OUT AND INSTALL HIS WORK IN ADVANCE OF POURING CONCRETE FLOORS OR WALLS. HE SHALL FURNISH ALL SLEEVES TO THE GENERAL CONTRACTOR FOR OPENINGS THROUGH POURED MASONRY FLOORS, OR WALLS, ABOVE GRADE REQUIRED FOR PASSAGE OF ALL PIPES TO SUPPORT HIS

HORIZONTAL DRAINAGE AND WASTE PIPE SHALL HAVE A MINIMUM SLOPE OR FALL OF 1/8 INCH PER FOOT. ALL CHANGE OF HORIZONTAL DIRECTIONS IN SOIL WASTE PIPE SHALL BE MADE WITH LONG RADIUS FITTINGS WITH "Y" BRANCHES AND 1/8 OR 1/16 BENDS.

COLD AND HOT WATER PIPING ABOVE GRADE SHALL BE TYPE "L" HARD DRAWN COPPER TUBING CONFORMING TO ASTM B-88 WITH SWEAT JOINTS AND WROUGHT OR CAST VALVES AND FITTINGS (UNIONS, STRAINERS, ETC.). JOINT SHALL BE MADE WITH LEAD FREE SOLDER.

ALL HOT WATER PIPING SHALL BE INSULATED WITH 1 INCH THICK SECTIONAL INSULATION OR FIBROUS GLASS MATERIALS WITH FACTORY APPLIED COVER. COVER SHALL BE EMBOSSED VAPOR BARRIER, LAMINATED WITH PRESSURE SEALING CAP ADHESIVE.

ALL COLD WATER PIPING SHALL BE INSULATED WITH 1/2 INCH THICK SECTIONAL INSULATION OR FIBROUS GLASS MATERIALS WITH FACTORY APPLIED COVER. COVER SHALL BE EMBOSSED VAPOR BARRIER, LAMINATED WITH PRESSURE SEALING CAP ADHESIVE.

SANITARY HORIZONTAL WASTE, VENT PIPING, AND FITTINGS ABOVE GRADE SHALL BE SCHEDULE 40 PVC-DWV PIPE-CELLULAR CORE FROM CHARLOTTE PIPE AND FOUNDRY COMPANY OR APPROVED EQUAL, AND MUST MEET OR EXCEED THE REQUIREMENTS OF ASTM F-891, NSF STANDARD NO. 14, AND IAPMO UPC.

ALL WASTE STACK PIPING SHALL BE CAST IRON AND INSULATED FOR SOUND IN WALLS.

ALL WASTE AND STORM PIPING ABOVE CEILING, VERTICAL CHASES, WALLS SHALL BE INSULATED WITH 1/2 INCH THICK SECTIONAL INSULATION OR FIBROUS GLASS MATERIALS WITH FACTORY APPLIED COVER. COVER SHALL BE EMBOSSED VAPOR BARRIER, LAMINATED WITH PRESSURE SEALING CAP ADHESIVE. NO INSULATION REQUIRED IN CRAWL SPACE OR BELOW FLOOR SLAB OF ANY WASTE AND STORM PIPING.

IN LIEU OF FIBERGLASS INSULATION, THE PLUMBING CONTRACTOR IS ALLOWED TO USE CLOSED CELL INSULATION, 1/2 INCH THICK ARMSTRONG/ARMAFLEX II ON ALL COLD WATER PIPES. RIGID URETHANE FOAM INSULATION, 1 INCH THICK ARMSTRONG/ARMALOK II ON ALL HOT WATER PIPING.

ALL PLUMBING EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.

ALL FIXTURES, DRAINS, TRAPS, ETC. SHALL BE SET PLUMB AND LEVEL.

ALL HANDICAPPED FIXTURES AND TRIM SHALL BE INSTALLED IN ACCORDANCE WITH THE NORTH CAROLINA PLUMBING CODE 2018 EDITION.

CHROME PLATED ESCUTCHEONS SHALL BE PROVIDED AT EACH WALL PENETRATION.

ESCUTCHEONS SHALL BE CHROME PLATED, SPRING TYPE, ON ALL PIPES PASSING THROUGH WALLS AND CEILINGS IN FINISHED AREAS. FLOOR ESCUTCHEONS SHALL BE CAST BRASS, CHROME PLATED, WITH SET SCREW.

ESCUTCHEONS SHALL BE OF SUFFICIENT SIZE TO COVER OUTSIDE DIAMETER OF THE PIPE OR THE INSULATION OF THE PIPE. FLASHING FOR VENTS THROUGH THE ROOF SHALL BE TWO-PIECE TYPE, 16 OUNCE COPPER COUNTER FLASHING

AND BASE FLASHING, OR A TWO-PIECE TYPE, 4 POUND LEAD COUNTER FLASHING AND BASE FLASHING. THE BASE FLASHING SHALL BE INSTALLED BY THE GENERAL CONTRACTOR WITH THE ROOF SYSTEM.

VENT FLASHING SHALL EXTEND DOWN AT LEAST 4 INCHES FROM THE TOP OF THE PIPE. FLASHING SHALL EXTEND

AT LEAST 12 INCHES IN ALL DIRECTIONS FROM THE PIPE AND SHALL BE PARALLEL TO THE ROOF LINE. ALL EQUIPMENT AND INSTALLED MATERIALS SHALL BE THOROUGHLY CLEAN AND FREE OF ALL DIRT, OIL, GRIT,

ALL PLUMBING SYSTEMS AND EQUIPMENT SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR AFTER FINAL ACCEPTANCE OF THE BUILDING FROM THE OWNER.

		PLUMBING FIX	TURE SCHEDULE			
SYMBOL	FIXTURE DESCRIPTION	FIXTURE MOUNTING	SUPPLY	WASTE	VENT	REMARKS
P1	2 COMPARTMENT SINK	FLOOR MOUNTED	1/2" C.W. /H.W.	2"	2"	8
P2	3 COMPARTMENT SINK	FLOOR MOUNTED	1/2" C.W. /H.W.	2"	2"	8
P3	HANDWASH SINK	WALL MOUNTED	1/2" C.W. /H.W.	2"	2"	8
P4	MOP SINK	FLOOR MOUNTED	1/2" C.W. /H.W.	2"	2"	
P5	WATER HEATER	RACK MOUNTED	3/4" C.W. /H.W.			11)
P6	LAVATORY	WALL MOUNTED	1/2" C.W. /H.W.	2"	1-1/2"	12345810
P7	ELONGATED BOWL; FLUSH TANK TOILET	FLOOR MOUNTED	3/4" C.W.	3"	2"	12671214
P8	BAR SINK	WALL MOUNTED	1/2" C.W. /H.W.	2"	2"	8
P9	STEAMER	COUNTERTOP	1/2" C.W.	1 1/2"	2"	
					_	

(1) HANDICAPPED (4) SINGLE LIFT MIXING FAUCET (2) VITREOUS CHINA WASTE/WATER PIPING (3) 4 INCH CENTER

- 1/2" CW

Scope Of Work: Plumbing

This proposed project includes the installation of a new

kitchen area to an existing tenant space. Demolition

requires the saw cutting of existing concrete slab to

access existing sanitary sewer. Existing toilet room

plumbing water supply and sewer lines to be re-routed

fixtures to in place in new construction. Existing

to serve proposed sinks and handsink.

Extend Exist.

This Location

Water Line

3/4" CW

P-7

Cold

(6) 16-1/2" HIGH BOWL (5) VINYL COVERED INSULATION FOR (7) 1.6 GALLONS PER FLUSH (10) CHROME FAUCET FINISH (8) STAINLESS STEEL (11) 2 GALLON EXPANSION TANK

(9) MOUNT BOTTOM OF APRON @ 29" A.F.F. (12) Accessible Fixture

(13) RH Flush (14) LH Flush

Consulted By:

TIMOTHY PEPPERS JR RESIDENTIAL DESIGN CONSULTANT **CAMERON**

GEORGE A. OBREGON, AIA

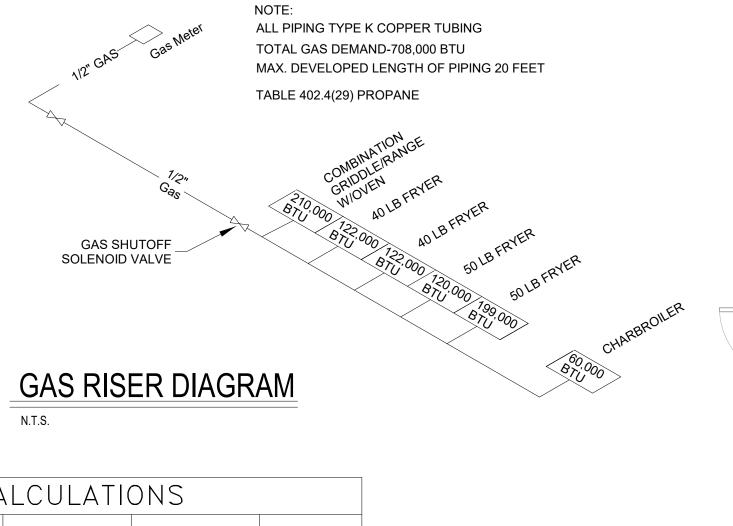
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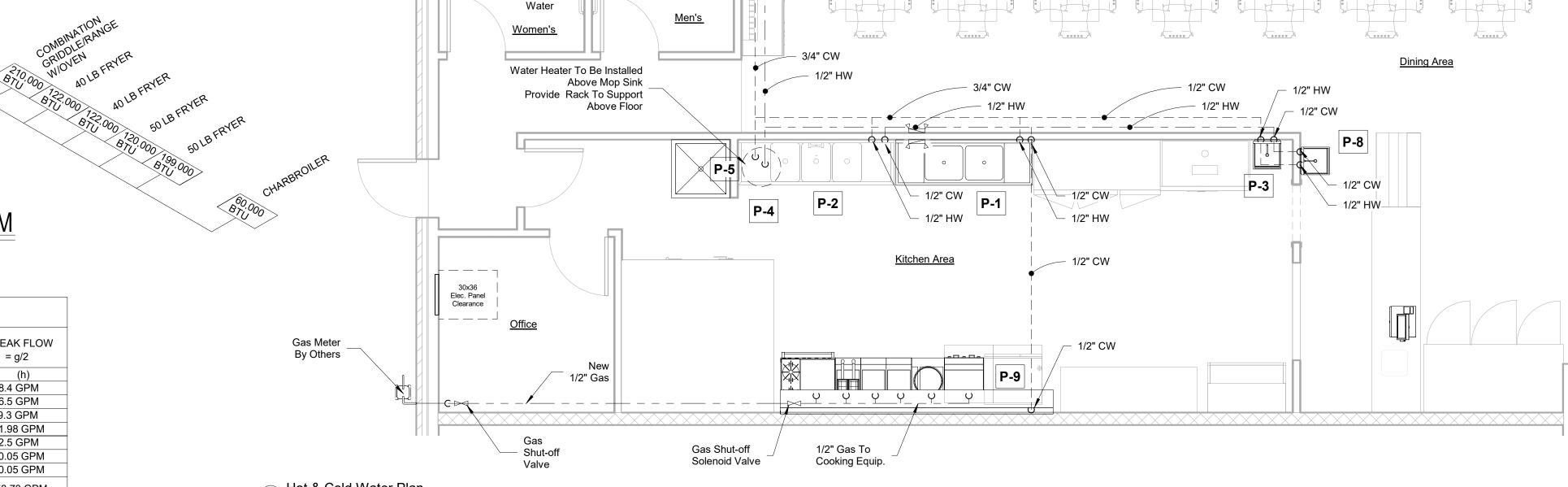
QTY.	ITEM	CALCUL C.W. FIXTURE UNITS	WATER SUPPLY FIXTURE UNITS EACH	WATER SUPPLY FIXTURE UNITS TOTAL
2	WATER CLOSET	5.0	5.0	10.0
3	HAND SINK (LAVATORY)	1.5	2.0	6.0
2	SINK	1.5	2.0	4.0
1	MOP SINK	1.5	2.0	2.0
1	BAR SINK	1.5	2.0	1.5
1	STEAMER	1.5	2.0	1.5
	TOTAL WATER SUPPLY FIXTU	IRE UNITS		25.0
	DRAINAGE (CALCULA	TIONS	
		DRAII	NAGE DRAINAG	GE

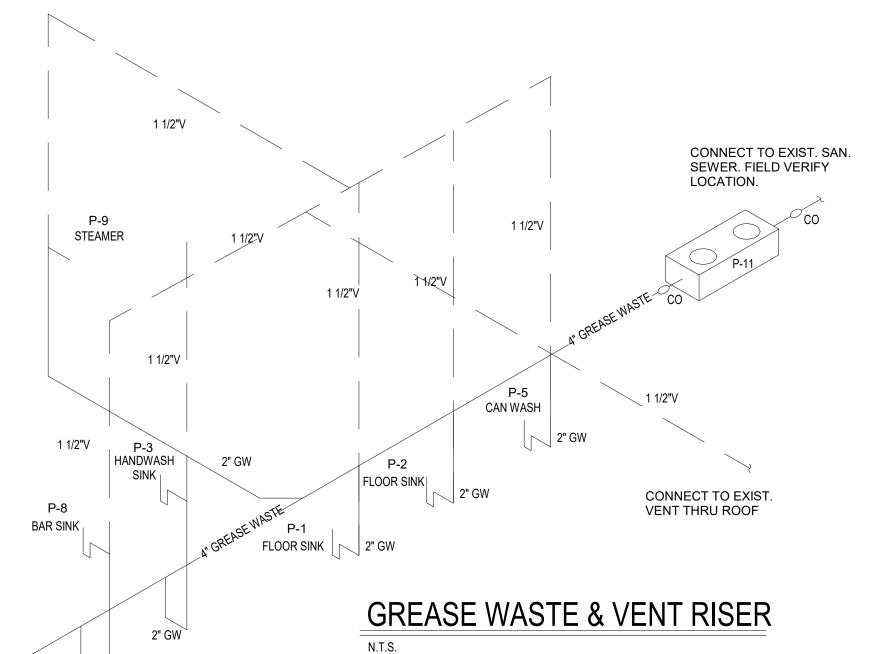
DRAINAGE CALCULATIONS								
QTY.	ITEM	DRAINAGE FIXTURE UNITS	DRAINAGE FIXTURE UNITS TOTAL					
2	WATER CLOSET	4.0	8.0					
3	LAVATORY	2.0	12.0					
2	SINK	2.0	4.0					
1	MOP SINK	2.0	2.0					
1	BAR SINK	2.0	2.0					
1	STEAMER	2.0	2.0					
	TOTAL DRAINAGE FIXTURE UNIT	30.0						

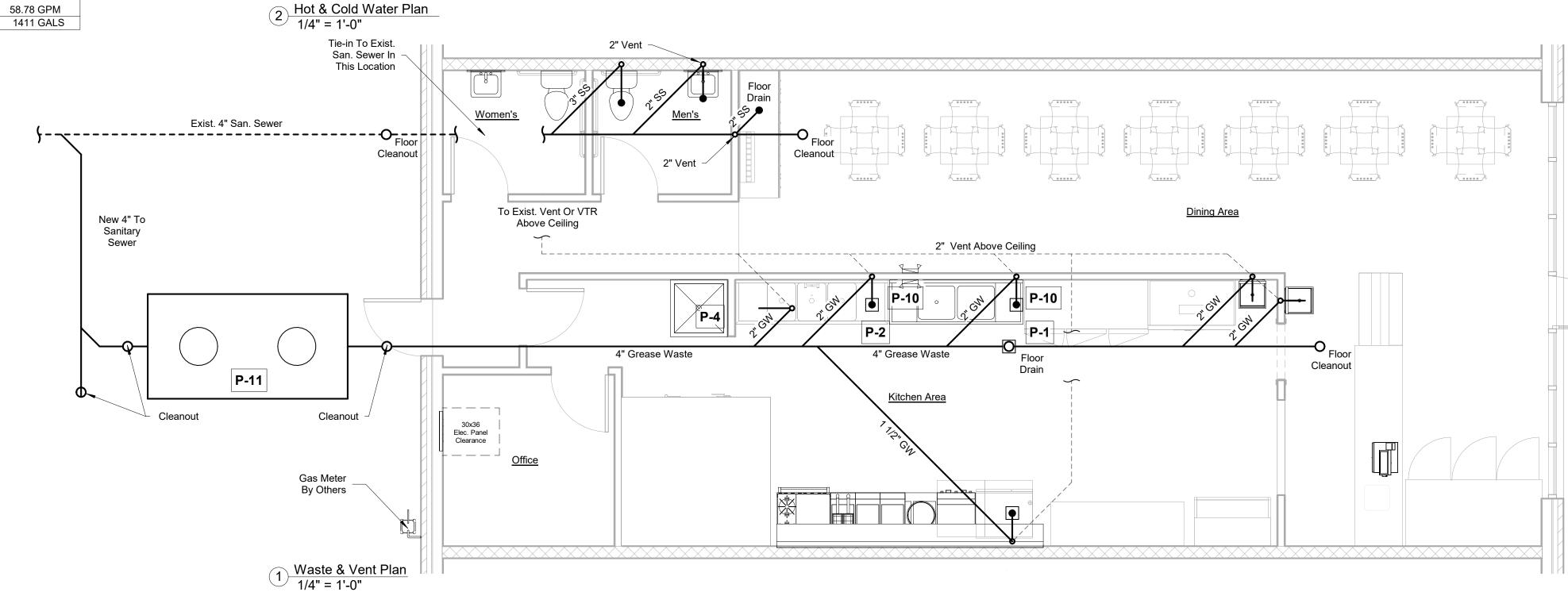


GREASE, AND ETC.

GREASE INTERCEPTOR SIZING CALCULATIONS											
QTY.	ITEM	SIZE (INCHES)		NUMBER OF	CUBIC INCHES	CAPACITY/GALS	DRAINAGE LOAD	PEAK FLOW			
		LENGTH	WIDTH	DEPTH	COMPARTMENTS	= a*b*c*d	= e/231	= f*0.75	= g/2		
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)		
1	CAN WASH EXIST	36	36	4	1	5184	22.44	16.83	8.4 GPM		
1	PREP SINK	18	16	14	2	4032	17.45	13.09	6.5 GPM		
1	3 POT SINK	24	24	14	3	24192	104.7	78.5	39.3 GPM		
3	HAND SINK	9	9	5	1	1215	5.26	3.95	1.98 GPM		
1	BAR SINK	8	8	6	4	1536	6.65	4.99	2.5 GPM		
1	FLOOR DRAIN	N/A	N/A	N/A	1	28.28	0.12	0.09	0.05 GPM		
1	STEAMER	N/A	N/A	N/A	1	28.28	0.12	0.09	0.05 GPM		
TOTAL GPM											
57.45 X 24 MINS=											









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Drawing Tilte:

Plumbing Plan

Date: 08/20/21

Drawn by: TPJr Checked by: GAO