2018 BUILDING CODE SUMMARY - APPENDIX B

Name of Project: **JERSEY MIKE'S SUBS TENANT COMPLETION** Address: 1624 NC 24-87 HIGHWAY - CAMERON, NORTH CAROLINA Zip Code: 28326 Owner/Authorized Agent: **DANIEL TERRACCIANO** Phone#: **(252) 367–1703** E-Mail: daniel@pagegrace.com Private ☐ City/County County ____ State

CONTACT: ANDREW W. PRIVETTE, AIA DESIGNED TO BUILD ANDY PRIVETTE 3877 910-485-8567 andy@designedtobuild.com COASTAL PLAINS ENGR CHRIS LOCKLEAR 20193 910-521-7213 coastalplainseng@gmail.com Electrical COASTAL PLAINS ENGR CHRIS LOCKLEAR 20193 910-521-7213 coastalplainseng@gmail.com Fire Alarm COASTAL PLAINS ENGR CHRIS LOCKLEAR 20193 910-521-7213 coastalplainseng@gmail.com COASTAL PLAINS ENGR CHRIS LOCKLEAR 20193 910-521-7213 coastalplainseng@gmail.com Sprinkler-Standpipe BY OTHERS Structural Retaining Walls >5' High N/A

2018 NC BUILDING CODE: ☐ New Building ☐ Shell/Core ☐ 1st Time Interior Completions

Addition ☐ Phased Construction-Shell Core **2018 NC EXISTING BUILDING CODE:**

☐ Prescriptive ☐ Alteration Level 1 ☐ Historic Property ☐ Repair ☐ Alteration Level 2 ☐ Change of Use ☐ Chapter 14 ☐ Alteration Level 3 CURRENT OCCUPANCY(S) (Ch. 3): VACANT/BUSINESS

CONSTRUCTED: (date) **RENOVATED:** (date) _ PROPOSED OCCUPANCY(S) (Ch. 3): ASSEMBLY 2

OCCUPANCY CATEGORY (Table 1604.5): Current: I Proposed: II

BASIC BUILDING DATA **Construction Type:**

☐ III-A \square IV U-A ☐ I-B ☐ II-B ☐ III-B \boxtimes V-B ☐ NFPA 13 ☐ NFPA 13R ☐ NFPA 13D Sprinklers: 🛛 No Partial

Class I III III Wet Dry Flood Hazard Area: No Yes No □ Yes **Primary Fire District: Special Inspections Required:** No Yes Fire Flow: 1750 GPM for 2 HOURS

GROSS BUILDING AREA TABLE								
Floor	EXISTING (SQ FT)	NEW (SQ FT)	SUB-TOTAL					
3 rd Floor	N/A							
2 nd Floor	N/A							
Mezzanine	N/A							
1 st Floor Ste. 161		1,360	1,360					
Basement	N/A							
Total		1,360	1,360					

ALLOWABLE AREA Primary Occupancy Classification(s):

□ A-1 □ A-2 □ A-3 □ A-4 □ A-5

Educational ☐ F-1 Moderate ☐ F-2 Low Factory ☐ H-1 Detonate ☐ H-2 Deflagrate ☐ H-3 Combust ☐ H-4 Health ☐ H-5 HPM Hazardous ☐ I-2 ☐ I-3 Institutional I-3 Condition 1 2

I-2 Condition 1 2 I-3 Condition \Box 1 \Box 2 \Box 3 \Box 4 \Box 5 Mercantile

Residential ☐ S-1 Moderate ☐ S-2 Low ☐ High Piled ☐ Parking Garage ☐ Open ☐ Enclosed Utility and Miscellaneous

Accessory Occupancy Classification(s): N/A Incidental Uses (Table 509): N/A

Special Uses (Chapter 4 – List Code Sections) : **N/A Special Provisions** (Chapter 5 – List Code Sections) : **N/A**

Mixed Occupancy: No Yes Separation: __1__ Hr. Exception: Non-separated Use (508.3)

Actual Area of Occupancy A + Actual Area of Occupancy B

Allowable Area of Occupancy A Allowable Area of Occupancy B

Separated Use (508.4) - See below for area calculations for each story.

+ _____ + = ____ \le 1.00 STORY NO. DESCRIPTION AND USE | BLDG AREA PER AREA FOR FRONTAGE ALLOWABLE AREA PER INCREASE1,5 STORY OR UNLIMITED2,3 **BUSINESS** 1,360 9,000 6,750 15,750

¹ Frontage area increases from Section 506.2 are computed thus:

Perimeter which fronts a public way or open space having 20 feet minimum width = ALL (F)

15,750

Total Building Perimeter = ALL (P) Ratio (F/P) = 1.0 (F/P)

BUSINESS

- W = Minimum width of public way = 30 (W)
- Percent of frontage increase $I_f = 100[F/P 0.25] \times W/30 = 75$ (%)

4,388

² Unlimited area applicable under conditions of Section 507.

 3 Maximum Building Area = total number of stories in the building x D (maximum 3 stories) (506.2). ⁴ The maximum area of open parking garages must comply with Table 406.5.4. The maximum area of air traffic control towers

must comply with Table 412.3.1. ⁵ Frontage increase is based on the unsprinklered area value in Table 506.2.

ALLOWABLE HEIGHT			
	ALLOWABLE	SHOWN ON PLANS	CODE REFERENCE
Building Height in Feet (Table 504.3)	40'	17.4'	
Building Height in Stories (Table 504.4)	1	1	

Provide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4.

BUILDING ELEMENT	FIRE		RATING	DETAIL #	DESIGN #	SHEET # FOR	SHEET # FOR
	SEPARATION	REQ'D	PROVIDED	AND SHEET #		RATED	RATED JOINT
	DISTANCE (FEET)		(W/* REDUCTION)		ASSEMBLY	PENETRATION	
Structural Frame							
Including columns, girders, trusses							
Bearing Walls							
Exterior							
North		N/A					
East	>30'	0	2	EXISTING	GLASS		
West		N/A					
South		N/A					
Interior		N/A					
Nonbearing Walls and Partitions							
Exterior							
North		0	0				
East		0	0				
West		0	0				
South		0	0				
Interior		0	0				
Floor Construction		N/A					
Including supporting beams and join	sts						
Floor Ceiling Assembly		N/A					
Columns Supporting Floors		N/A					
Roof Construction		0	0				
Including supporting beams and join	sts						
Roof Ceiling Assembly		0	0				
Columns Supporting Roof		0	0				
Shaft Enclosures - Exit		N/A					
Shaft Enclosures - Other		N/A					
Corridor Separation		N/A					
Occupancy/Fire Barrier Separation		0	1HR	EXISTING	DRYWALL		
Party/Fire Wall Separation		N/A					
Smoke Barrier Separation		N/A					
Smoke Partition		N/A					
Tenant/Dwelling Unit/Sleeping Uni	t Separation	N/A					
Incidental Use Separation		N/A					

PERCENTAGE OF WALL OPENING CALCULATIONS

FIRE SEPARATION DISTANCE (FEET) FROM PROPERTY LINES	DEGREE OF OPENINGS PROTECTION (TABLE 705.8)	Allowable area (%)	ACTUAL SHOWN ON PLANS (%)
NORTH-EAST >30'	UP, NS	NO LIMIT	43%
SOUTH-EAST > 30'	UP, NS	NO LIMIT	19%
SOUTH-WEST >30'	UP, NS	NO LIMIT	7%
NORTH-WEST >30'	UP, NS	NO LIMIT	13%

LIFE SAFETY SYSTEM REQUIREMENTS **Emergency Lighting:** Exit Signs: ☐ Yes ☐ No Fire Alarm: ☐ Yes ⊠ No Smoke Detection System:

SPRINKLER VALVE FLOW SWITCH ONLY LIMITED SMOKE PER MECHANICAL CODE ☐ Yes ☐ No Carbon Monoxide Detection

This building may be required to meet the requirements of Section 510 of the NC Fire Code for Emergency Responder Radio Coverage. Verify with the Fire Marshal.

LIFE SAFETY PLAN REQUIREMENTS Life Safety Plan Sheet #: **G-102**

Fire and/or smoke rated wall locations (Chapter 7)

Assumed and real property line locations (if not on the site plan)

Exterior wall opening area with respect to distance to assumed property lines (705.8) Occupancy Use for each area as it relates to occupant load calculation (Table 1004.1.2)

Exit access travel distances (1017)

Common path of travel distances (Tables 1006.2.1 & 1006.3.2(1))

Dead end lengths (1020.4) Clear exit widths for each exit door

Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.3) Actual occupant load for each exit door

A separate schematic plan indicating where fire rated floor/ceiling and/or roof structure is provided for purposes of occupancy separation

Location of doors with panic hardware (1010.1.10)

Location of doors with delayed egress locks and the amount of delay (1010.1.9.7)

Location of doors with electromagnetic egress locks (1010.1.9.9) Location of doors equipped with hold-open devices

Location of emergency escape windows (1030)

The square footage of each fire area (202)

The square footage of each smoke compartment for Occupancy Classification I-2 (407.5) Note any code exceptions or table notes that may have been utilized regarding the items above

ACCESSIBLE DWELLING UNITS (SECTION 1107) - N/A

_	CCESS	IDLE DWEL	LING UNITS	(SECTION I	107) – 147A			
I	TOTAL	Accessible	ACCESSIBLE	TYPE A	Түре А	Түре В	Түре В	TOTAL
ı	Units	Units	Units	Units	Units	Units	Units	ACCESSIBLE UNITS
I		Required	Provided	Required	Provided	Required	Provided	PROVIDED
I								

ACCESSIBLE PARKING (SECTION 1106) – SEE SITE PLAN FOR PARKING DATA

LOT OR PARKING AREA	TOTAL # OF PA	RKING SPACES	# OF AC	CESSIBLE SPACES PRO	OVIDED	TOTAL#
AREA	REQUIRED	PROVIDED	REGULAR WITH	VAN SPAC	ES WITH	ACCESSIBLE
			5' ACCESS AISLE	132" ACCESS AISLE	8' ACCESS AISLE	PROVIDED
TOTAL						

PLUMBING FIXTURE REQUIREMENTS (TABLE 2902.1)

MALE FEI EXIST'G 0 NEW 1	O O	0	MALE 0	FEMALE 0	UNISEX 0	TUBS 0	REGULAR 0	ACCESSIBLE	SINK
_		0	0	0	0	0	0	0	0
NEW 1							1	0	0
	1 0	0	1	1	0	0	0	0	1
REQ'D 1	1 0	0	1	1	0	0		WATER RVED	1

(Local Jurisdiction, Department of Insurance, OSC, DPI, DHHS, etc., describe below)

ENERGY SUMMARY

ENERGY REQUIREMENTS: EXISTING BUILDING ENVELOPE

Existing building envelope complies with code: (If checked, the remainder of this section is not applicable.)

Performance (If "Other" specify source here)

Provide code or statutory reference:

Method of Compliance

Energy Code: ASHSAE 90.1: Performance

THERMAL ENVELOPE (Prescriptive method only)

Roof/ceiling Assembly (each assembly) Description of assembly: U-Value of total assembly: R-Value of insulation: Skylights in each assembly: U-Value of skylight:

Total square footage of skylights in each assembly: Exterior Walls (each assembly)

> U-Value of total assembly: R-Value of insulation: Openings (windows or doors with glazing) U-Value of assembly: Solar heat gain coefficient:

Door R-Values: Walls below grade (each assembly) N/A

Projection factor:

Description of assembly:

Description of assembly U-Value of total assembly: R-Value of insulation:

Floors over unconditioned space (each assembly) Description of assembly

U-Value of total assembly R-Value of insulation:

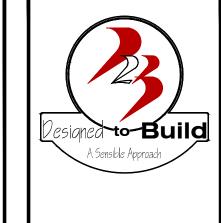
Floors slab on grade

Description of assembly U-Value of total assembly: R-Value of insulation: Horizontal/vertical requirement:

SEE REVISIONS LAST PAGE FOR WALL FRAMING AT TYPE I HOOD



ALL NOTES APPLY TO ALL DRAWINGS AND ALL TRADES. IT IS RESPONSIBILITY OF ALL CONTRACTORS AND TRADES TO COORDINATE 1
INSTALLATION OF THEIR WORK WITH THE INSTALLATION OF WORK BY MANUFACTURER'S INSTALLATION INSTRUCTIONS. THE REQUIREMENTS HE DRAWINGS, GENERAL REQUIREMENTS AND ALL ITEMS OF CONTRACT DOCUMENTS ARE EQUALLY BINDING ON ALL CONTRACTORS AN TRADES. EACH CONTRACTOR IS REQUIRED TO MAINTAIN FULL SETS O THE CONTRACT DOCUMENTS FOR HIS EMPLOYEES' USE ON THE PROJECT TO ASSURE THAT ALL WORK IS PROPERLY COORDINATED AND INSTALLED WITH THE WORK OF OTHER CONTRACTORS AND TRADES.



ANDREW W. PRIVETTE, AIA 1920 FT. BRAGG ROAD FAYETTEVILLE,

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ANDREW W. PRIVETTE, ARCHITECT

Vesigned to Build

A Sensible Approach

Jersey Mikes Subs

1624 NC 24-87 HIGHWAY

CAMERON, NORTH CAROLINA 28326

1920 FT. BRAGG ROAD - FAYETTEVILLE, N.C. 28303 - (910) 485-8567



SEPTEMBER 20, 2021 UPDATED DECEMBER 01, 2021 4 UPDATED JANUARY 25, 2022 /3\

LIST OF DRAWINGS:

INFORMATIONAL:

G-101 COVER SHEET & BUILDING CODE SUMMARY G-102 LIFE SAFETY PLAN & ACCESSIBILITY

ARCHITECTURAL:

A-101 EXISTING & PROPOSED FLOOR PLANS A-102 REFLECTIVE CEILING PLAN & DETAILS A-103 EQUIPMENT PLAN & INFORMATION A-104 INTERIOR ELEVATIONS A-105 INTERIOR ELEVATIONS

A-106 CABINET DETAILS A-107 COUNTER DETAILS A-108 FLOORING INFORMATION

A-109 FINISH SCHEDULE & INFORMATION A-110 NOTES - DETAILS & SPECIFICATIONS

E-1 ELECTRICAL PLAN, NOTES & PANELS

E-2 LIGHTING PLAN, RISER & SCHEDULES

MECHANICAL:

M-1 HVAC PLAN, NOTES, SCHEDULES M-2 HVAC ROOF PLAN, NOTES, SCHEDULES & DETAILS

PLUMBING:

P-1 PLUMBING WASTE PLAN, RISERS & DETAILS P-2 PLUMBING WATER PLAN, DETAILS & SCHEDULES \angle

PERMITTING STAMP:

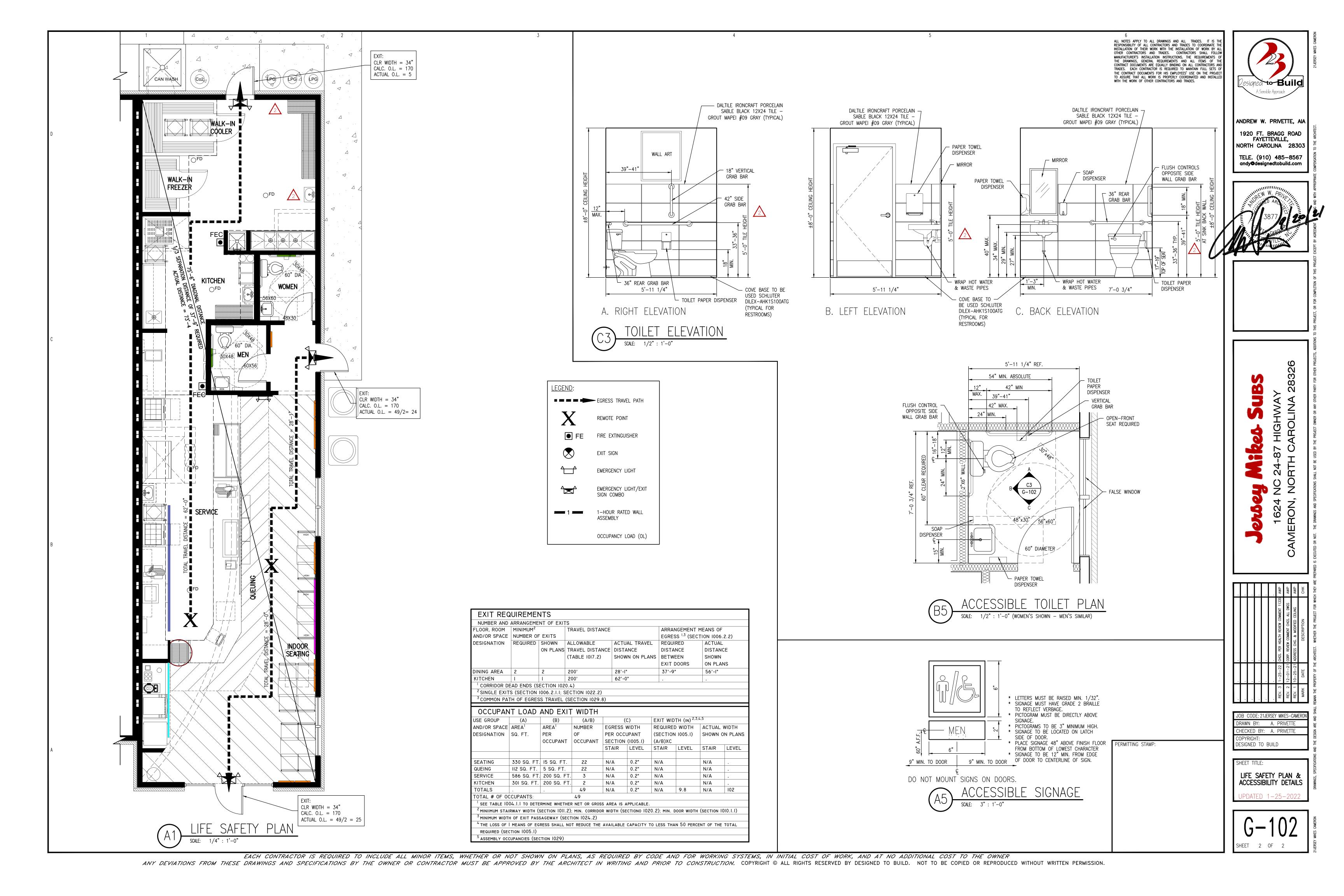
DESIGNED TO BUILD COVER SHEET & BUILDING CODE SUMMARY

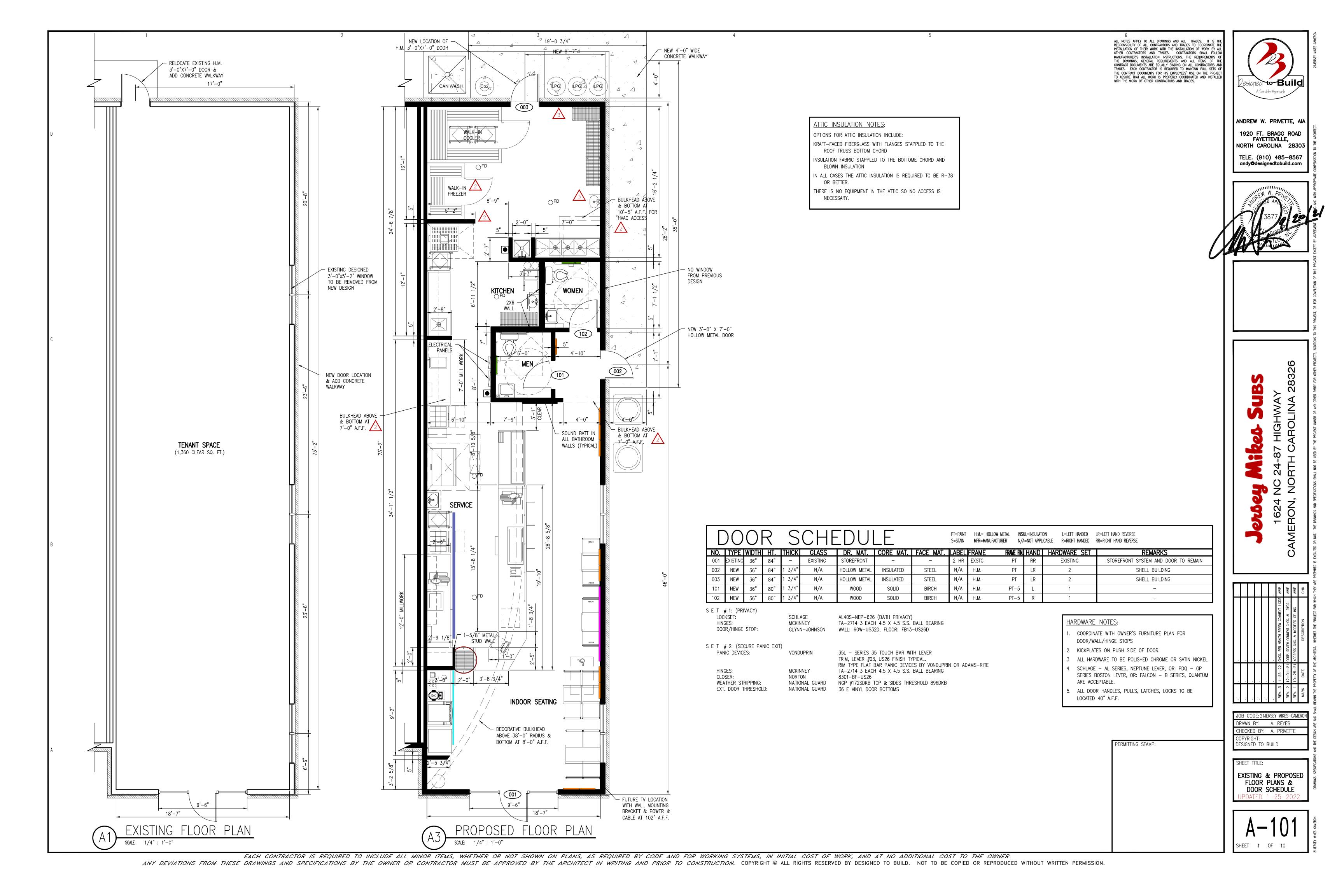
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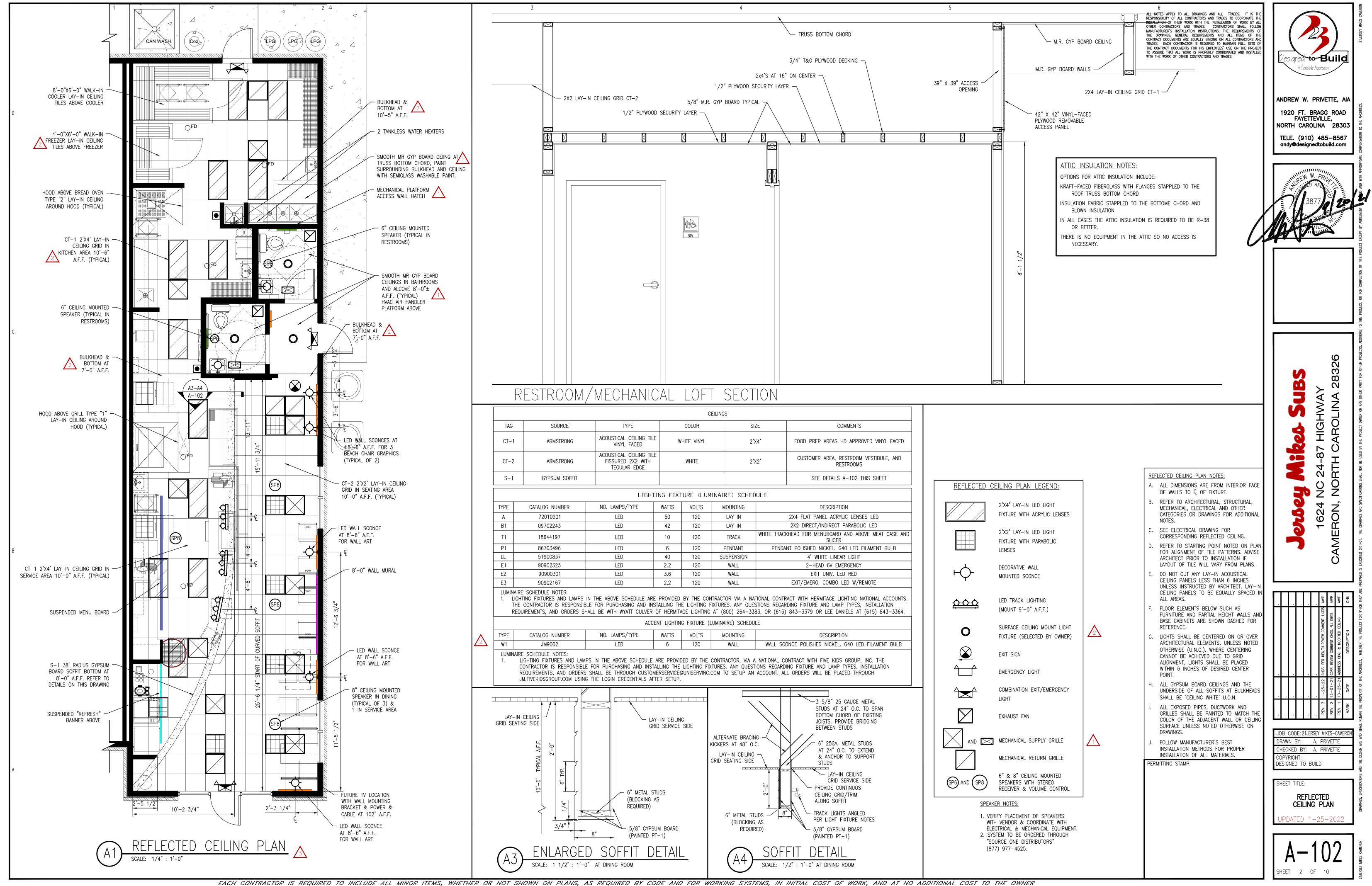
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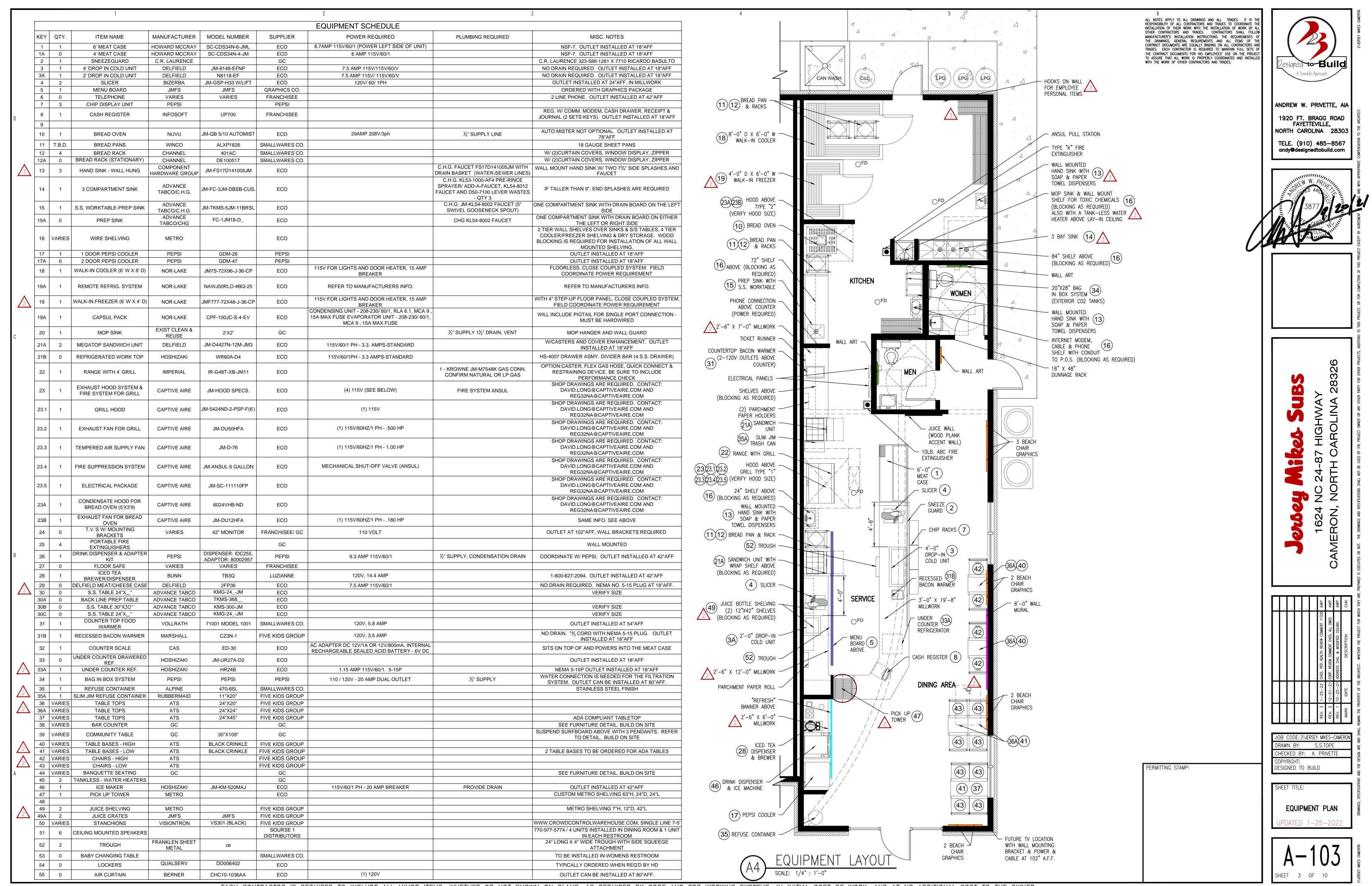
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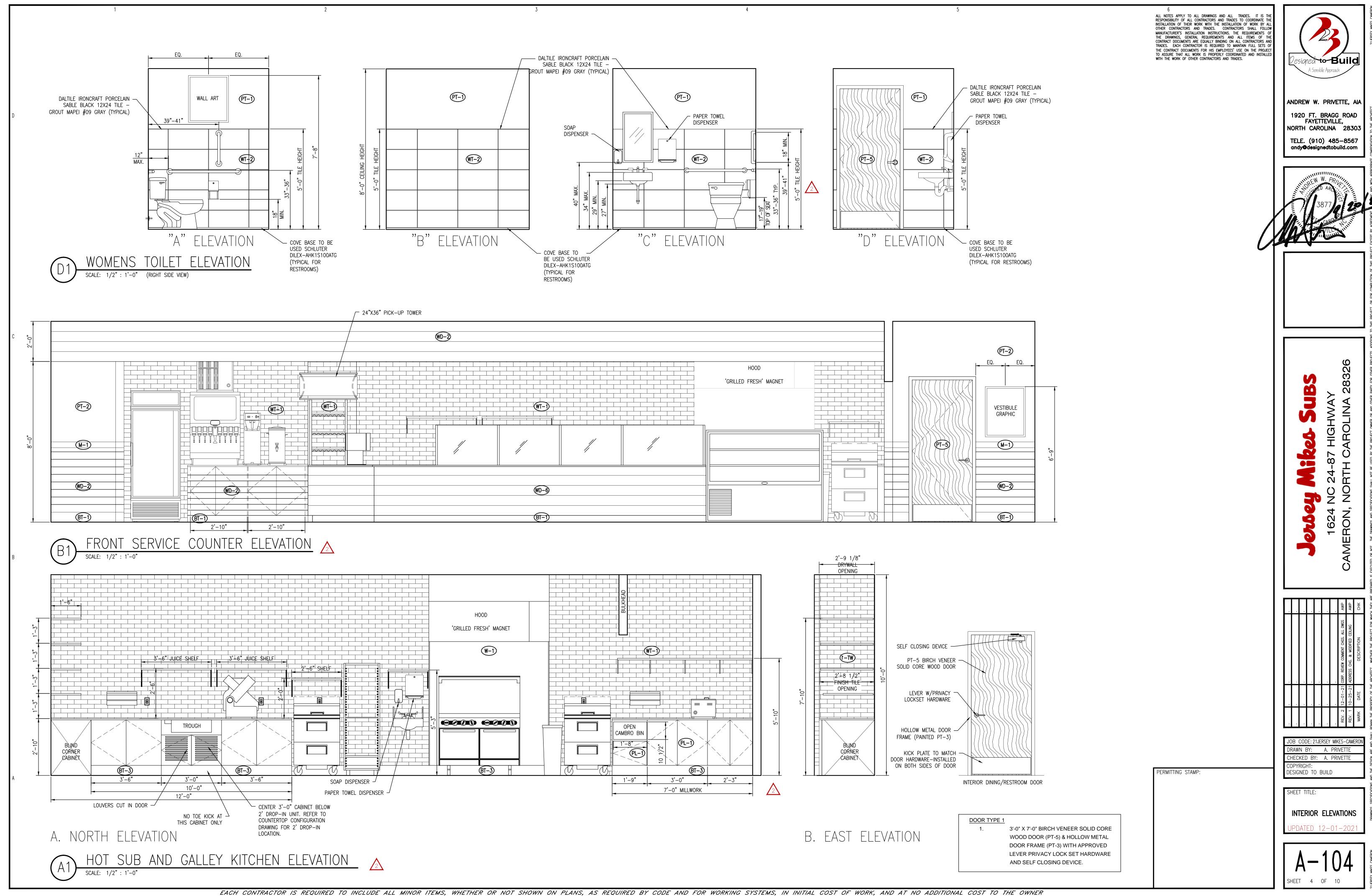
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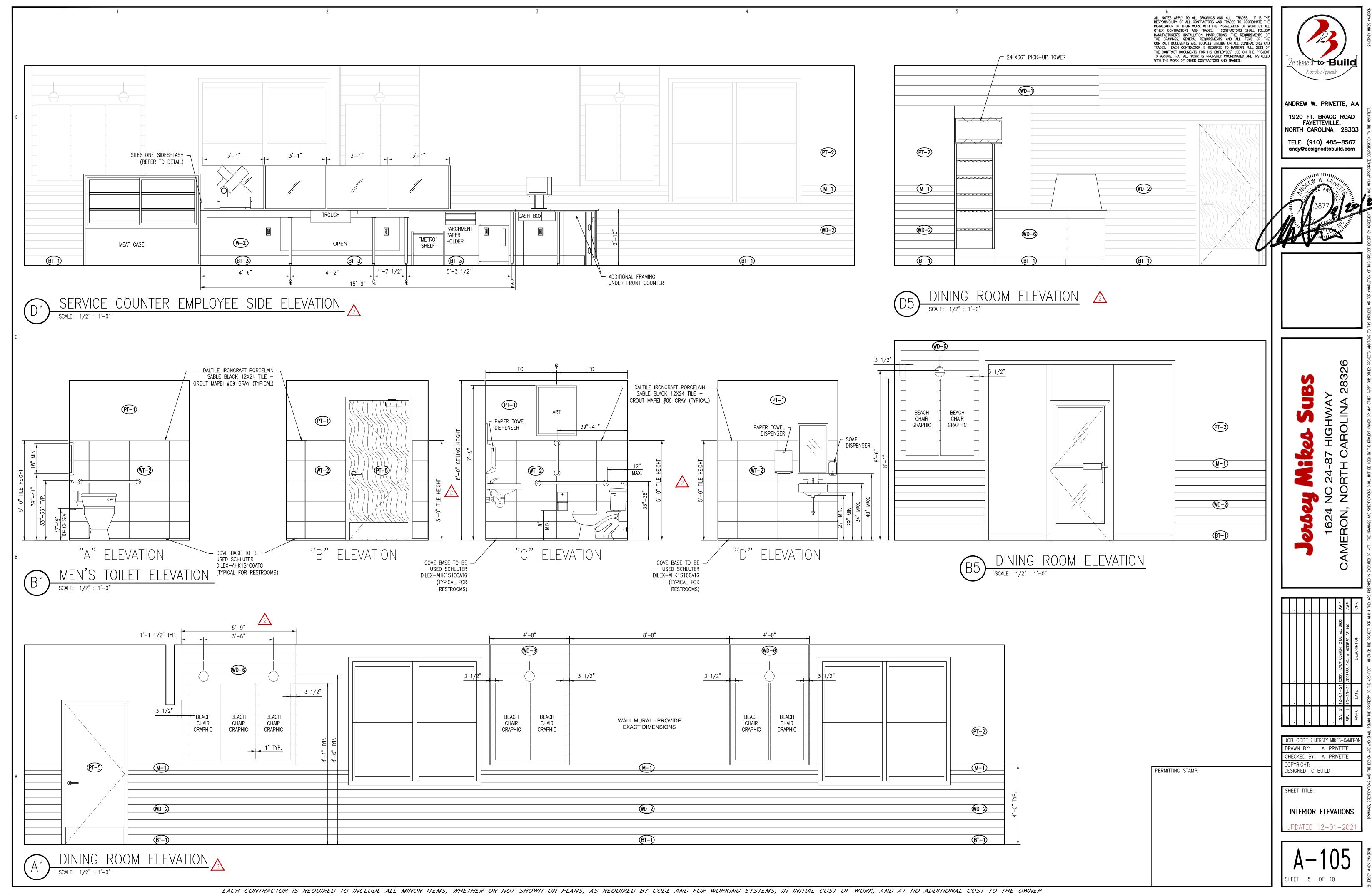


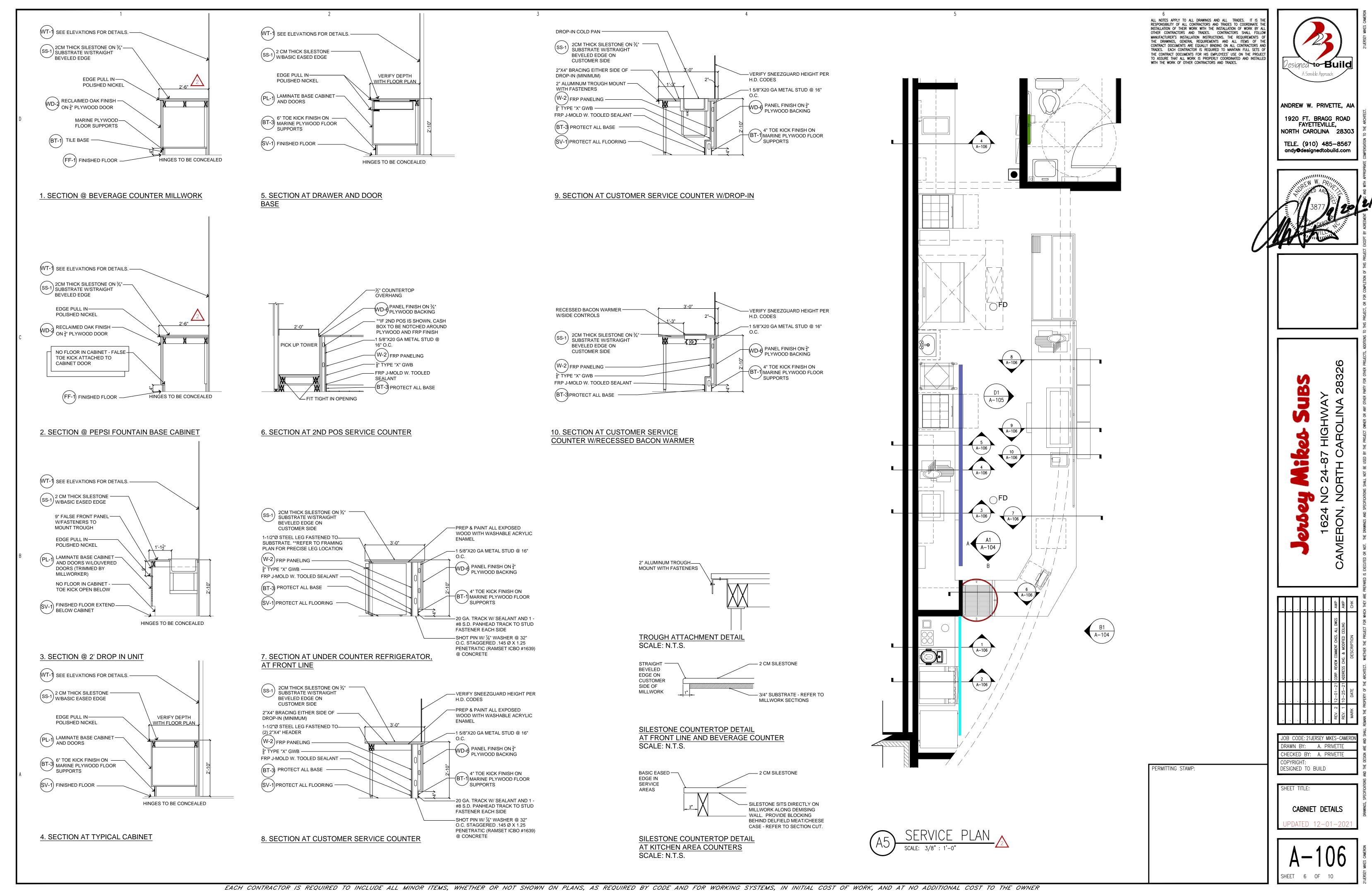


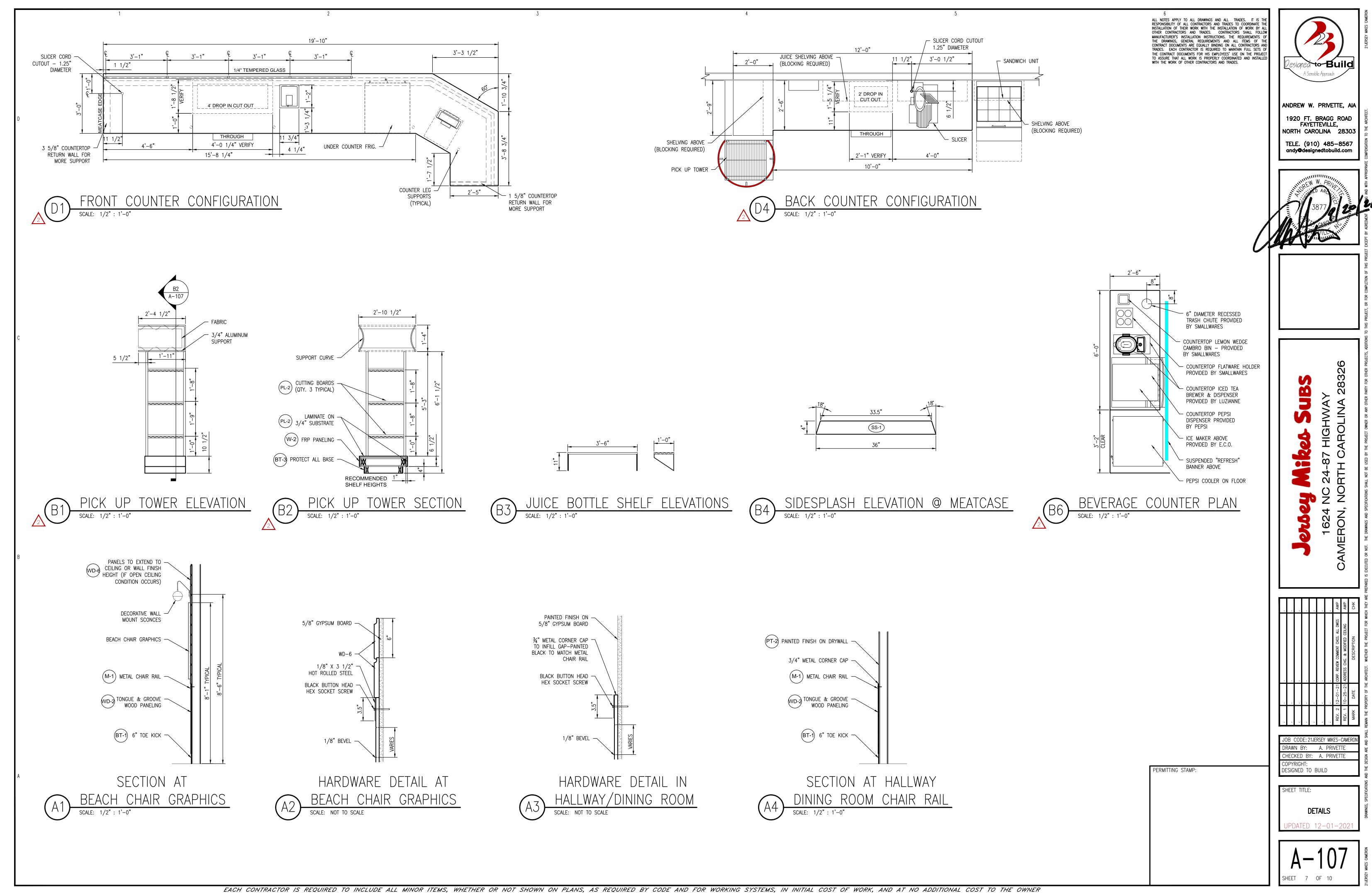




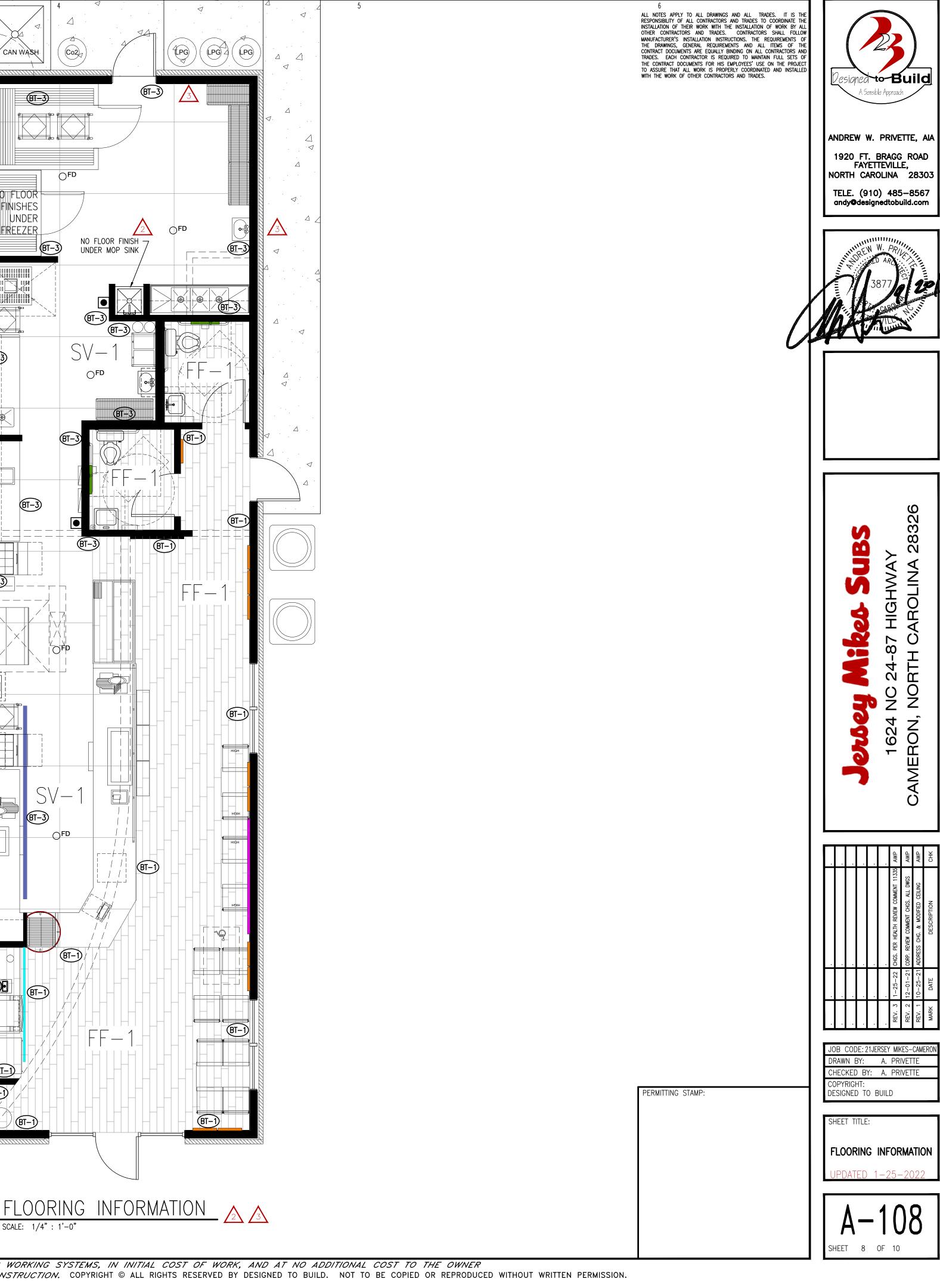






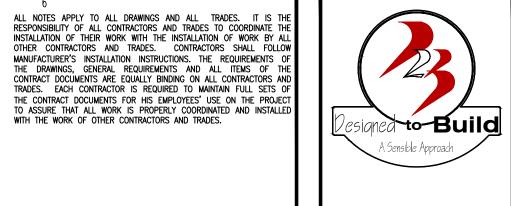


		-		CAN WASH CO2 PG (PG) (PG)
		DORING AND WALL BAS	SE	
G SOURCE	TYPE	DESCRIPTION	COLOR COMMENTS	$\begin{array}{c c} & & & & \\ \hline & & & & \\ \hline & & & & \\ \hline \end{array}$
-1 DAL TILE	PORCELAIN TILE	6X36 JM BROWN WOOD	CUSTOMER AREAS - DINING, RESTROOM, AND HALLWAY(S). 6"X36", $\frac{1}{2}$ 6"D. GROUT: MAPEI ULTRACOLOR PLUS FA - GRAY 09. GROUT JOINT RECOMMENDED AT $\frac{1}{2}$ 6". PATTERN TO BE INSTALLED IN 8" OFFSET RUNNING.	FD FD
PROTECT ALL - DESI	GNER SHEET VINYL PANELS	60"×96" SECTIONS	GRAPHITE BACK OF HOUSE AND KITCHEN FLOORING	NO IFLOOR UNDER
T-1 DAL TILE	PORCELAIN TILE	IRON CRAFT	CUT FULL 12"X24" TILE (WT-2) DOWN TO 6"X12" FOR DINING ROOM WALL BASE, AND 4"X12" ON MILLWORK TOE KICK IN CUSTOMER AREAS. USE SCHLUTER DILEX-AHK (POLISHED NICKEL) WHEN COVE BASE APPLICATION IS REQUIRED. GROUT: MAPEI ULTRACOLOR PLUS FA - GRAY 09	NO FLOOR FINISH 7 UNDER MOP SINK 7
T-3 PORTECT ALL BAS	E VINYL	PER MANUFACTURER	WILL BE INSTALLED ARDUND THE PERIMETER OF KITCHEN AND KITCHEN MILLWORK TOE KICK AND BACK OF HOUSE AREAS	10000 1000 1000 1000 1000 1000 1000 10
OUTSIDE COOLER ADHEAR PER MFR'S INSTRUCTIONS GT-3PROTECT ALL BASE PER MFR.	INSIDE COOLER COOLER WALLS		STUD - REFER TO WALL TYPES WALL SUBSTRATE WT-2 (TILE NOT CUT DOWN TO SMALLER SIZE) SCHLUTER DILEX-AHK 1S 100 ATG FF-1 THINSET MORTAR	SV-1
	VALIK INI OOG! ED			
PROTECT ALL BASE @ W SCALE: N.T.S.	'ALK-IN COOLER	COVE PROFILE IN REST	STUD - REFER TO	
	'ALK-IN COOLER		STUD - REFER TO WALL TYPES	
	VALK-IN COOLER INSIDE FREEZER		STUD - REFER TO	
SCALE: N.T.S.	V		STUD - REFER TO WALL TYPES WALL SUBSTRATE	



PROTECT ALL BASE @ WALK-IN FREEZER SCALE: N.T.S.

WALL BASE PROFILE IN DINING ROOM SCALE: N.T.S.



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3877

UBS/AY

1624 NC 24-87 HIGHWAY AMERON, NORTH CAROLINA 28

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FINISH SCHEDULE & INFO
UPDATED 1-25-2022

A-109
SHEET 9 OF 10

A. MENU BOARD
B. JUICE WALL DECAL
C. BEACH CHAIRS
D. "REFRESH" BANNER
E. "PICK UP HERE" BANNER
F. SOFFIT MURAL
G. 'GRILLED FRESH' GRAPHIC
H. VESTIBULE/HALLWAY ART
I. RESTROOM ART
J. SURFBOARD
K. WALL MURAL

COUNTER FINISHES								
TAG	SURFACE	SOURCE	PRODUCT	COLOR	COMMENTS			
SS-1	COUNTERTOP	CONSENTINO	SILESTONE - ETERNAL SERIES 2 CM	CHARCOAL SOAPSTONE - SUEDE	COUNTERTOP FINISH FOR ALL MILLWORK			

	WOOD								
TAG	SURFACE	SOURCE	PRODUCT	COLOR	COMMENTS				
WD-1	WAINSCOT	GC	1"X SHIPLAP, D. FIR NO2 (STANDARD) GRADE, SMOOTH FINISH.	PAINTED PT-1	ON THE CUSTOMER SIDE OF THE FRONT LINE SOFFIT.				
WD-2	WAINSCOT	FIVE KIDS GROUP, INC	ENGINEERED WHITE OAK PANELING	WHITE OAK	ACCENT WALL (PER PLAN). BOTTOM OF CHAIR RAIL IN DINING ROOM AND VESTIBULE. BEVERAGE COUNTER MILLWORK DOORS. BANQUETTE BACK AND SEAT. USE SCHULTER JOLLY (POLISHED NICKEL) FOR WALL EDGING, WHEN REQUIRED.				
WD-3	BAR COUNTER	FIVE KIDS GROUP, INC	TEAK		GC TO ORDER FROM FIVE KIDS GROUP. TABLETOP TO MATCH DINING ROOM TABLE TOPS				
WD-4	FURNITURE BASE	GC		PAINTED PT-1	CONSTRUCTION OF DINING ROOM FURNITURE - COMMUNITY TABLE, BANQUETTE, AND BAR COUNTER				
WD-5	HARDWOOD CAP	GC	¾" HARDWOOD	PAINTED PT-6	FOR LOW WALL CAP AND WINDOW SILLS, WHEN CONDITION(S) OCCUR. ALLOW ½" OVERHANG.				
WD-6	WAINSCOT PANEL	MARLITE	ITEM #206916. 23 ¾" X 96" X ½" PANEL	BY MANUFACTURER - PNL 9099	BEHIND BEACH CHAIR GRAPHICS IN DINING ROOM - REFER TO ELEVATIONS. FACE OF COUNTER ON THE FRONT LINE.				

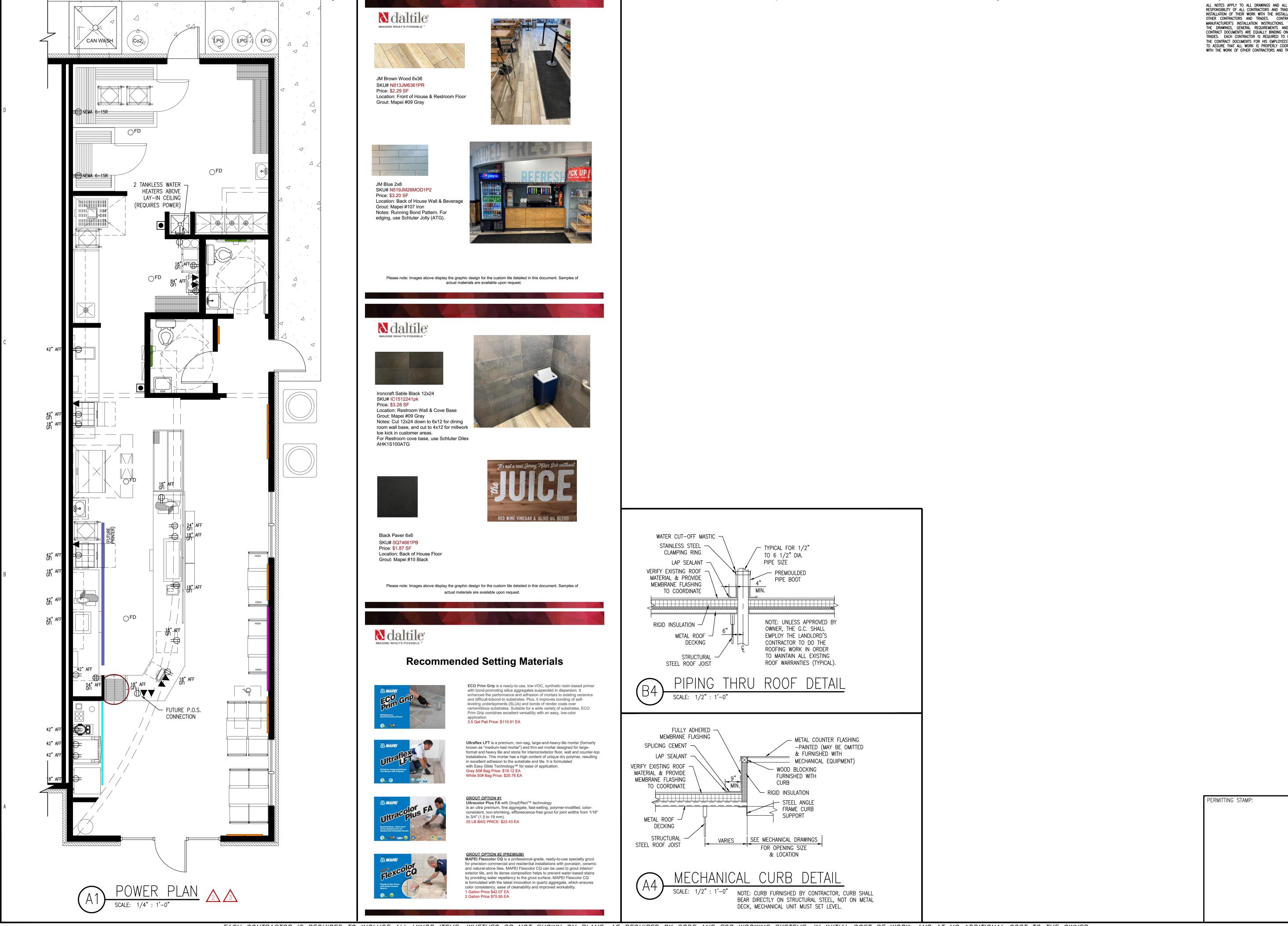
	WALL FINISHES							
TAG	SURFACE	SOURCE	PRODUCT	COLOR	COMMENTS			
W-1	STAINLESS STEEL WAINSCOT	CAPTIVE AIRE	BRUSHED S/S 20 GAUGE FROM TOP OF Q.T. BASE		FULL HEIGHT TO HOOD, BEHIND GRILL AND BREAD OVEN AREA			
W-2	FRP WALL PANELING	MARLITE		WHITE	BACK KITCHEN FOOD PREP AREA			

			LAMINATES		
TAG	SURFACE	SOURCE	PRODUCT	COLOR	COMMENTS
PL-1	MILLWORK	WILSONART	STEEL MESH	FINE VELVET FINISH 4879-38	MILLWORK BEHIND THE SERVICE LINE AND BACK KITCHEN. USE PVC EDGE BANDING.
PL-2	CUTTING BOARDS	WILSONART	NATURAL RECON	FINE VELVET FINISH 7996-38	21"X 21" X1" CUTTING BOARDS FOR PICK UP TOWER - QTY 4. PEDESTAL BASE FOR PICK UP TOWER.

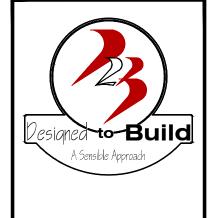
	PAINT									
TAG	TAG SURFACE MANUFACTURER			COLOR	COMMENTS					
PT-1	SHIP LAP, SOFFIT, AND RESTROOM CEILINGS	BENJAMIN MOORE	OC-130	CLOUD WHITE, SATIN	CUSTOMER AREA SHIPLAP (AND SHIPLAP TRIM), FRONT LINE SOFFIT, AND RESTROOM WALLS (ABOVE TILE)					
PT-2	%" GWP PAINTED	BENJAMIN MOORE	1613	SILENT NIGHT, SATIN	DINING ROOM AND HALLWAY WALLS ABOVE CHAIR RAIL.					
PT-3	DOOR FRAME. WHEN OPEN CEILING - UPPER DINING ROOM WALLS AND DINING ROOM CEILING.	BENJAMIN MOORE	1615	ROCK GRAY, SATIN	DOOR FRAME. IN OPEN CEILING CONDITION, EVERYTHING ABOVE 12'AFF IN DINING ROOM					
PT-4										
PT-5	INTERIOR DOORS	MINWAX	WOOD FINISH PENETRATING STAIN	WEATHERED OAK 270	FINISH WITH CLEAR TOP COAT					
PT-6	LOW WALL/SILL CAP	BENJAMIN MOORE	#2132-10	BLACK, EGGSHELL OR SEMI GLOSS	LOW WALL CAP AND WINDOW SILL FINISH.					

	WALL TILE							
TAG	SURFACE	MANUFACTURER	PRODUCT	COLOR	COMMENTS			
WT-1	CERAMIC TILE	DAL TILE	2X8 MOD JM BLUE	PART#: N519 JM28MOD1P2. GROUT: MAPEI ULTRACOLOR PLUS FA - IRON 107	BACK SPLASH TILE IN KITCHEN AND BEVERAGE COUNTER. RUNNING BOND. USE SCHULTER JOLLY (POLISHED NICKEL) FOR EDGING. WALL TILE EXTENDS TO CEILING TILES IN FRONT KITCHEN AREA, BEHIND THE PICK UP TOWER, AND ABOVE ALL BEVERAGE COUNTER WALLS (TYP 10'AFF).			
WT-2	CERAMIC TILE	DAL TILE	IRONCRAFT	SABLE BLACK IC15-UNPOLISHED - 12"X24". GROUT: MAPEI ULTRACOLOR PLUS FA - GRAY 09	BATHROOM BOTTOM WALL TILE. USE SCHULTER JOLLY (POLISHED NICKEL) FOR EDGING			

	METAL						
TAG	G SURFACE SOURCE PRODUCT		COLOR	COMMENTS			
M-1	CHAIR RAIL	GC	1/8"x31/2" HOT ROLLED STEEL	PAINTED IN BLACK SEMI-GLOSS	DINING ROOM CHAIR RAIL, WITH BUTTON HEAD HEX SOCKET SCREW		

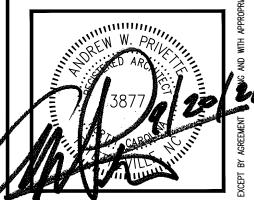


ALL NOTES APPLY TO ALL DRAWINGS AND ALL TRADES. IT IS TH RESPONSIBILITY OF ALL CONTRACTORS AND TRADES TO COORDINATE TH INSTALLATION OF THEIR WORK WITH THE INSTALLATION OF WORK BY ALL OTHER CONTRACTORS AND TRADES. CONTRACTORS SHALL FOLLO MANUFACTURER'S INSTALLATION INSTRUCTIONS. THE REQUIREMENTS OF THE DRAWINGS, GENERAL REQUIREMENTS AND ALL ITEMS OF THE CONTRACT DOCUMENTS ARE EQUALLY BINDING ON ALL CONTRACTORS AND TRADES. EACH CONTRACTOR IS REQUIRED TO MAINTAIN FULL SETS OF THE CONTRACT DOCUMENTS FOR HIS EMPLOYEES' USE ON THE PROJECT TO ASSURE THAT ALL WORK IS PROPERLY COORDINATED AND INSTALLED WITH THE WORK OF OTHER CONTRACTORS AND TRADES.



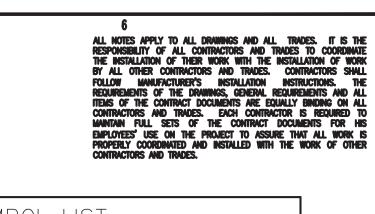
ANDREW W. PRIVETTE, AIA 1920 FT. BRAGG ROAD FAYETTEVILLE, NORTH CAROLINA 28303

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JOB CODE: 21JERSEY MIKES-CAMERON DRAWN BY: A. PRIVETTE CHECKED BY: A. PRIVETTE DESIGNED TO BUILD

NOTES-DETAILS & SPECIFICATIONS



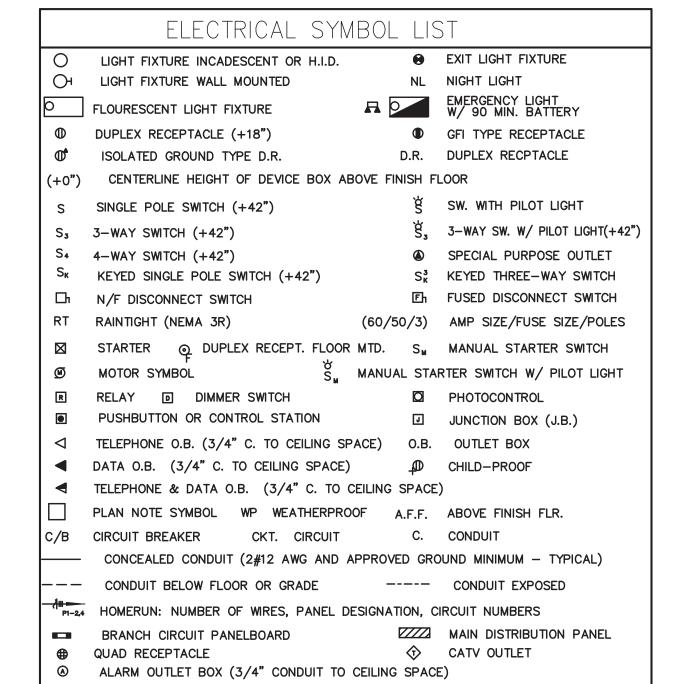
ANDREW W. PRIVETTE, AIA

1920 FT. BRAGG ROAD

NORTH CAROLINA 28303

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FAYETTEVILLE,



CONTRACTOR SHALL COORDINATE WITH LOCAL UTILITY FOR SERVICE. A COMPLETE AND WORKING SYSTEM IS REQUIRED FOR COMPLIANCE WITH THESE DOCUMENTS. DETERMINE THE POINT OF CONNECTION TO THE UTILITY WITH THE UTILITY REPRESENTATIVE AND PROVIDE ACCORDINGLY FOR A COMPLETE WORKING SYSTEM.

SIZES NO. 8 AWG AND LARGER MAY BE STRANDED. CONDUCTORS SIZES NO. 10 AWG AND SMALLER MAY BE SOLID OR STRANDED. NO ROMEX PERMITTED. EMT SHALL BE GALVANIZED STEEL TUBING, 1/2-INCH MINIMUM SIZE, EQUAL TO ELECTRUNITE BRAND OR APPROVED AND USED ONLY WITH HEXAGONAL ALL STEEL COMPRESSION FITTINGS.

WIRE AND CABLE SHALL BE INSULATED, TYPE THWN OR THHN, 600 VOLTS, WITH COPPER CONDUCTORS. CONDUCTOR

PLASTIC CONDUIT SHALL BE RIGID, 3/4-INCH MINIMUM NON-METALLIC, HEAVY DUTY, HIGH IMPACT, POLYVINYLCHLORIDE (PVC), TYPE I WILL BE USED FOR CONCRETE ENCASEMENT. FITTINGS SHALL BE THE SAME MATERIALS AND MANUFACTURER AS THE PLASTIC CONDUIT

FLEXIBLE METAL CONDUIT SHALL BE 1/2- INCH MINIMUM SINGLE STRIP, STEEL, HOT DIPPED GALVANIZED INSIDE AND OUTSIDE, MAXIMUM LENGTH 72 INCHES FOR LIGHTING AND 36" FOR MOTORS. FLEXIBLE METAL CONDUIT SHALL BE LIQUIDTIGHT OR WATERTIGHT WITH PVC JACKET WHERE USED IN DAMP, WET OR OUTSIDE AREAS, AND LIQUIDTIGHT OR WATERTIGHT CONNECTORS SHALL BE USED.

NO RECEPTACLES OR TEL. OUTLETS TO BE MOUNTED BACK TO BACK, KEEP AT LEAST 2 INCHES BETWEEN RECEPTACLES AND TEL. OUTLETS.

ALL CONDUCTOR SHALL BE COPPER WITH A MINIMUM SIZE OF #12 AWG EXCEPT FOR FIRE ALARM. THESE CONDUCTORS SHOULD COMPLY WITH NFPA.

CONTRACTOR SHALL ALIGN FIXTURES, SMOKE DETECTORS, CEILING DIFFUSERS ETC. AS REQUIRED TO PROVIDE A UNIFORM PRESENTATION. AT NO TIME WILL AN IONIZATION DETECTOR BE LOCATED WITHIN 3'-0" OF A SUPPLY OR RETURN AIR

CIRCUIT BREAKERS AND WIRE ARE SIZED FOR SPECIFIC EQUIPMENT. BEFORE ORDERING WIRE, BREAKERS AND CONDUIT FOR THIS PROJECT THE CONTRACTOR SHALL COORDINATE WITH THE OTHER CONTRACTORS ON THE JOB AND VERIFY THE ELECTRICAL DATA FOR THE EQUIPMENT WHICH WILL ACTUALLY BE INSTALLED, RECOMPUTING WIRE AND BREAKER SIZES IF

ALL CONDUIT TERMINATING IN THE CEILING CAVITIES IS TO BE LABELED.

ALL CONDUIT SHALL BE COLOR CODED WITH 1/2" WIDE TAPE, 10'-0" ON CENTER IN ACCORDANCE WITH STANDARD INDUSTRY PRACTICE.

THE MOUNTING HEIGHTS AND LOCATIONS OF ALL WALL MOUNTED OUTLETS AND JUNCTION BOXES SHALL BE REVIEWED AND

COORDINATED WITH THE ARCHITECT AND OWNER, PRIOR TO INSTALLATION, FOR USE WITH ACTUAL EQUIPMENT. EACH CONTRACTOR WILL PROVIDE HIS OWN SUPPORT OF ALL DEVICES AND EQUIPMENT PROVIDED BY HIM AND SHALL SUPPORT SUCH EQUIPMENT PER APPROVED GOVERNING CODES OR PER APPROVAL OF THE ENGINEER/ARCHITECT.

UNACCEPTABLE WORKMANSHIP OR MATERIALS SHALL REPLACED AT THE REQUEST OF THE ENGINEER/ARCHITECT AT THE

THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR FLOOR PLAN DIMENSIONS.

THE CONTRACTOR SHALL COORDINATE ANY AND ALL WORK WITH OTHER TRADES INVOLVED IN THIS PROJECT PRIOR TO THE INSTALLATION OF HIS EQUIPMENT, SO AS TO AVOID CONFLICTS DURING CONSTRUCTION AND ALLOW FOR OPTIMUM WORKING

ALL FUSES DISCONNECT SWITCHES AND BREAKER SIZES SHOWN FOR MECHANICAL EQUIPMENT SHALL BE VERIFIED BEFORE PURCHASE AND INSTALLATION OF SAID EQUIPMENT WITH THE EQUIPMENT SUPPLIER AND MECHANICAL CONTRACTOR.

WHERE EQUIPMENT PENETRATES EXTERIOR WALL OR ROOF THEY SHALL BE PROPERLY SEALED WITH METHODS APPROVED BY THE ARCHITECT/ENGINEER. ALL WORK IS TO BE DONE IN STRICT COMPLIANCE WITH THE LATEST VERSION OF THE NEC AND APPLICABLE STATE CODES

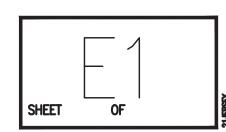
PERMITTING STAMPS

ELECTRICAL NOTES



Feb 04, 2022

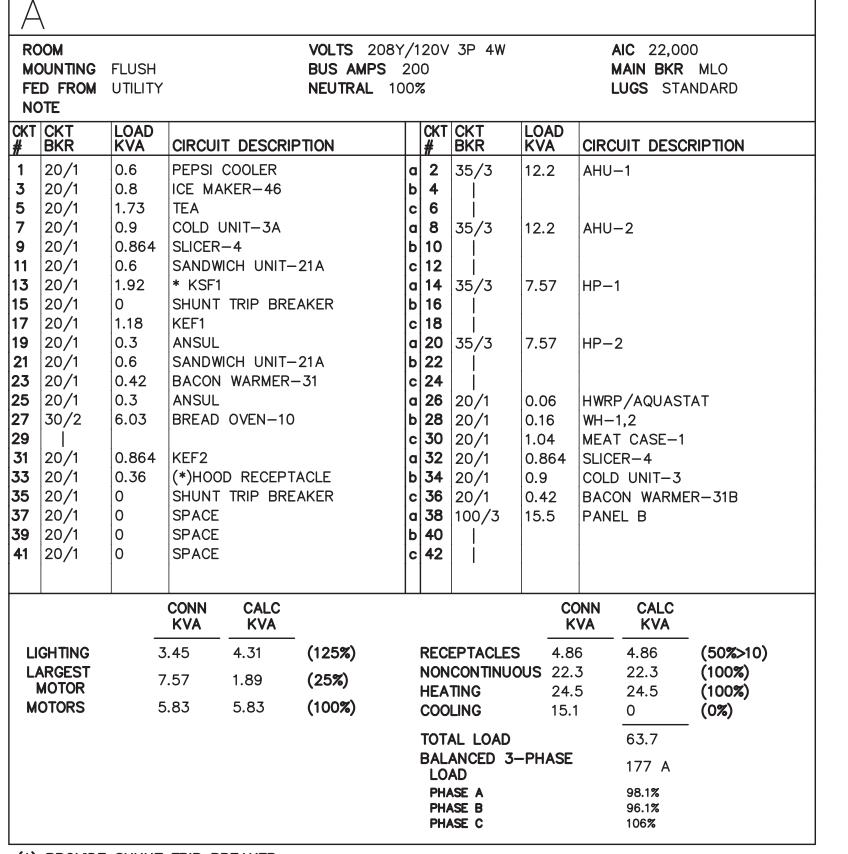
ELECTRICAL PLAN, NOTES, DETAILS AND SCHEDULES



JOB CODE: 2021-185

CHECKED BY: CSL

DESIGNED TO BUILD



(*) PROVIDE SHUNT TRIP BREAKER

MC FE	OOM DUNTING D FROM DTE				VOLTS 20 BUS AMPS NEUTRAL	1 00	0	3P 4W		1	AIC 22,00 MAIN BKR LUGS STA	MLO	
KT £	CKT BKR	LOAD KVA	CIRCUI	Γ DESCRI	PTION		CKT #	CKT BKR	LOAD KVA	CIRC	CUIT DESC	RIPTION	
1	15/2	1.87		R CONDE		a	2	20/1	0.9		EPTACLE		
3						b	4	20/1	0.54	1	EPTACLE		
	15/2	1.87	FREEZE	R EVAPO	RATOR	С	6	20/1	0.36	1	EPTACLE		
7		İ				a	8	20/1	0.54	REC	EPTACLE		
)	20/2	0.064	COOLER	R EVAPOR	ATOR	b	10	20/1	0.36	REC	EPTACLE		
1						c	12	20/1	0.36	REC	EPTACLE		
	15/2	1.79	COOLER	CONDEN	SER	a	14	20/1	0.36		EPTACLE		
5						b	16	20/1	0.138	1 .	FRIG-33		
7	20/1	1.37		N FREEZE		C	18	,	0.585	1	EF2, LIGH	ITING	
	20/1	0.36	1	N COOLE	R	a		20/1	0.581	LIGH			
	20/1	0.36	RECEPT			b	22	20/1	1.2	SIGN			
	20/1	0.36	RECEPT RECEPT			С	24		1.2	SIGN			
5 7	20/1 20/1	0.36	SPACE	ACLE		a b	26 28		0	SPA			
	20/1	0	SPACE			C		20/1	0	SPA			
	20/1	0	SPACE			a	32		0	SPA			
	20/1	0	SPACE			Ь	34	,	0	SPA			
	20/1	0	SPACE			c	36		0	SPA			
	20/1	0	SPACE			a		20/1	0	SPA			
	20/1	0	SPACE			Ь		20/1	0	SPA			
	20/1	0	SPACE			c	42		0	SPA	CE		
			CONN KVA	CALC KVA						DNN VA	CALC KVA		
LI	GHTING	3	5.45	4.31	(125%)		мот	ORS	0.1	 38	0.138	(100%)	
	RGEST	().138	0.035	(25%)		REC	EPTACLE:	S 4.5		4.5	(50%>10)	
ı	MOTOR			0.000	(20/0)		NON	CONTINU	OUS 7.4	4	7.44	(100%)	
								AL LOAD			16.4		
							BALANCED 3-PHASE LOAD				45.6 A	-5.6 A	
								ASE A			113%		
								ASE B			87.5%		

(3) KEH-1 SHALL BE CONNECTED TO A HORN/STROBE HOOD ACCESSORY THRU A MICRO SWITCH PROVIDED BY THE HOOD MANUFACTURER. HORN/STROBE MAY BE OMITTED WHERE NOT BELOW SLICER. PVC CHASE IN KNEE WALL FOR MEAT CASE CORD TO PASS THROUGH MILL WORK TO OUTLET. PROVIDE CABLE RACEWAY CORD HIDER FROM TOP OF MEATCASE TO BELOW COUNTERTOP. MODIFY COUNTERTOP AS REQUIRED. (7) RUN CONDUIT TO FRONT COUNTER THROUGH WALL NEXT TO (11) INTERLOCK HWRP WITH AQUASTAT, RUN 2 #12, 1 #12G IN IMMEDIATE RIGHT OR LEFT OF THE UNIT SO THAT OUTLET IS ACCESSIBLE. DO NOT PLACE OUTLETS DIRECTLY BEHIND THE

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OUTLET.

ELEC. SERVICE GUTTER -

KEY PLAN N.T.S.

KEY NOTES

1 PROVIDE 1"C WITH PULL WIRE FROM INTERNET MODEM,

REQUIRED BY AUTHORITY HAVING JURISDICTION.

(4) MOUNT OUTLET FOR THE MEATCASE ON THE LOW WALL

(6) RECEPTACLES AT P.O.S SHALL BE SURGE PROTECTED.

(10) FIELD COORDINATE EXACT ELECTRICAL REQUIREMENTS.

(12) EXTEND CONDUIT FOR TELEPHONE SERVICE TO TENANT

(13) LOCATE OUTLETS FOR 2' AND 4' DROP-INS TO EITHER

TELEPHONE BACKBOARD. FIELD VERIFY LOCATION.

PROVIDE SURGE PROTECTION.

BEVERAGE COUNTER.

ELECTRICAL PLAN

1/4"=1'-0"

CABLE AND PHONE SHELF TO P.O.S.

∕CAN WASH

COOLER EVAPORATOR

B-5,7

WALK−IN FREEZER B−17

P.O.S. ON SHELF FOR

DATA CONNECTION

LOCATED ABOVE CEILING

A - 8,10,12

3/4"C,3#8,#10G

3/4"C,3#8,#10G

A-20,22,24

OUTLETS FOR WINDOW SIGNAGE.

WITH OWNER. SHOW WINDOW

PER NEC 210.62, TYP. (3).

-18" STANDARD

OUTLET.

TAMPER RESISTANT

OUTLETS SPACED AT NOT MORE

CONTRACTOR SHALL COORDINATE

LOCATION AND HEIGHT OF OULETS

THAN 12'-0" O.C. AND INSTALLED

WITH 18" ABOVE TOP OF WINDOWS

3/4"C,3#8,#10G

HWRP/AQUASTAT

AHU-2

A-2,4,6

3/4"C,3#8,#10G

18" STANDARD

+SLICER-4

—BACON WARMER↓31B

24"GFI

18"GFI

NEMA5-15

U/C FRIG-33A

18"GFI

OUTLET. —

-MEAT CASE-1

18"GFI

A−30

A-34

TAMPER RESISTANT

FREEZER CONDENSER

B-1,3

BREAD OVEN-10-

78"GFI

A-27,29

1/2"C,2#10,#10N,#10G

BACON WARMER-31

SANDWICH UNIT-21A GFCI
18"GFI A-21

KEF1

/SAMBPWICH UNIT-21A

COLD UNT 3

18"GFI

18" STANDARD

TAMPER RESISTANT

42"GFI

DATA

FUTURE-

PRINTER

FOR

FUTURE

PRINTER

A−11**、**

GFCI

COLD UNIT-3A

TEA

ICE MAKER-46

PEPSI COOLER

42"GFI

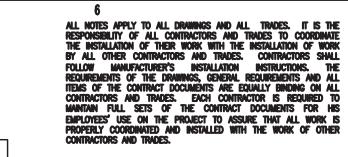
42"GFI

SLICER-4

24"GFI

COOLER CONDENSER TELEPHONE BACK BOARD

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APPENDIX B 2018 BUILDING CODE SUMMARY FOR ALL

Prescriptive

<u>936/1102</u> total interior wattage specified vs. allowed (whole building or space by space)

Performance

Performance

SEE FIXTURE SCHDULE

PERMITTING STAMPS

COMMERCIAL PROJECTS

ELECTRICAL SYSTEM AND EQUIPMENT

Lighting schedule (each fixture type)

lamp type required in fixture number of lamps in fixture

ballast type used in the fixture

Additional Prescriptive Compliance

total exterior wattage specified vs. allowed

☐ 506.2.1 More Efficient HVAC Equipment 506.2.2 Reduced Lighting Power Density

506.2.3 Energy Recovery Ventilation Systems 506.2.4 Higher Efficiency Service Water Heating ☐ 506.2.5 On—Site Supply of Renewable Energy 506.2.6 Automatic Daylighting Control Systems

Feb 04, 2022

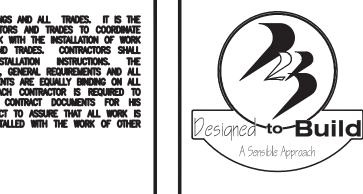
number of ballasts in fixture

ELECTRICAL DESIGN

Method of Compliance:

Energy Code:

ASHRAE 90.1:

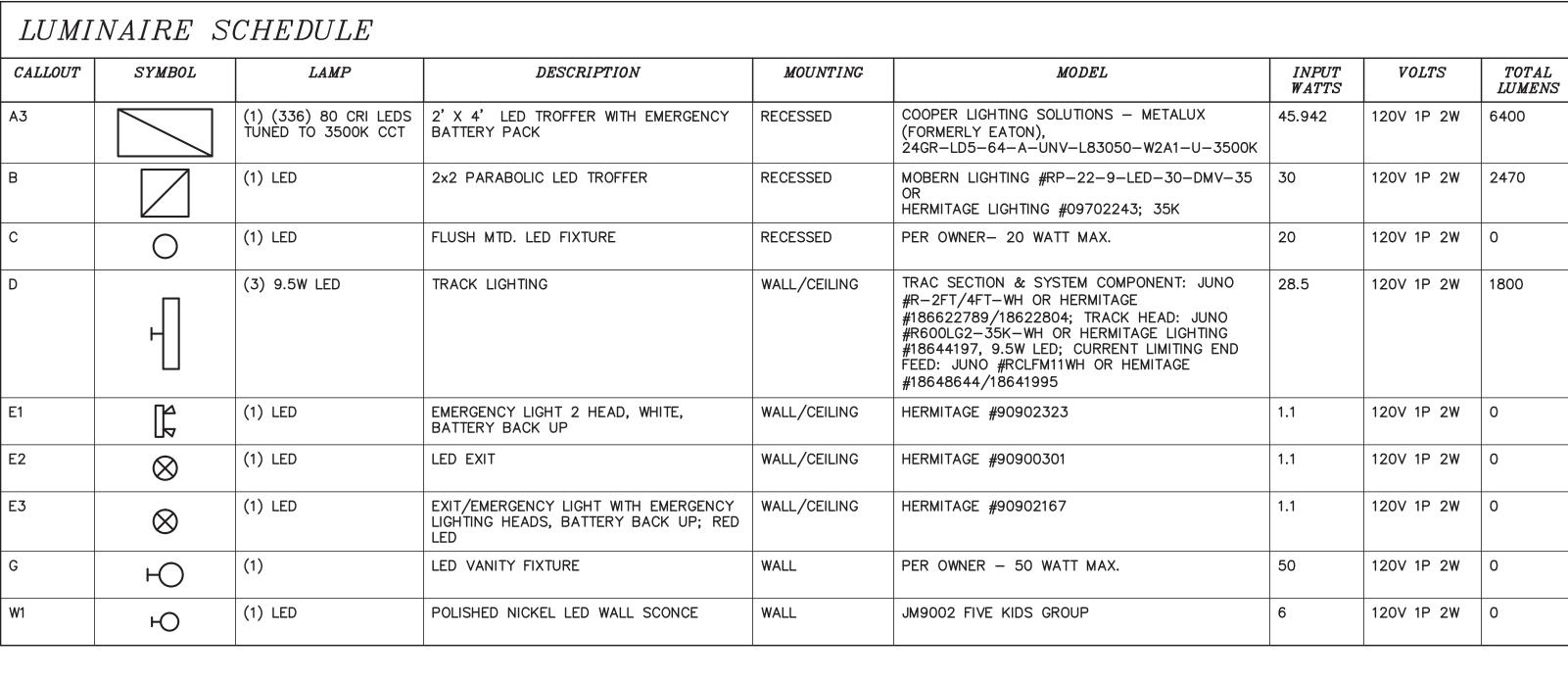


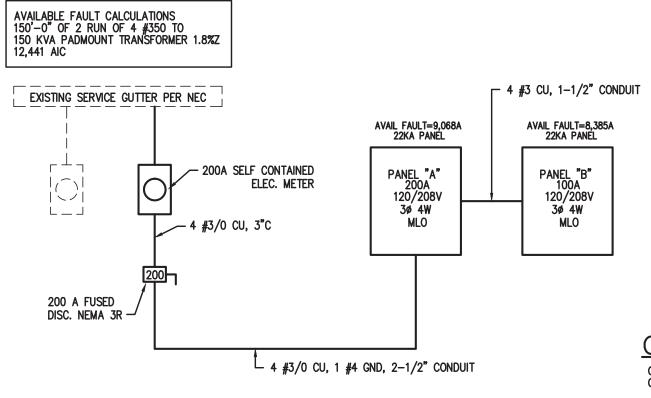
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LIGHTING PLAN, NOTES,

DETAILS AND SCHEDULES





ELECTRICAL RISER DETAIL

81.8

FIXTURE "D" MOUNTED TO BACKSIDE OF BULKHEAD

SIGN

MAKE FINAL CONNECTION TO SIGN. VERIFY EXACT LOCATION WITH TENANT—

TYPICAL OF (4).

TYP. OF (3).

OCCUPANCY SENSOR LUTRON LOS-CDT 2000-WH OR APPROVED EQUIVALENT

-MAKE FINAL CONNECTION TO SIGN. VERIFY EXACT LOCATION WITH TENANT-

LIGHTING PLAN

1/4"=1'-0"

TYPICAL OF (4).

TYP. 0F (2)

TYPICAL GROUNDING

GROUNDING ELECTRODE DETAILS GROUNDING ELECTRODE CONDUCTORS SHALL BE #4 BARE COPPER. OTHER MATERIAL AND INSTALLATION PER NEC 250

3 3/4"x10' LONG COPPER CLAD GROUNDING ROD W/ #6 COPPER GROUND. ① CONNECT TO METALIC WATER PIPE AS REQ'D. ② #A COPPER GROUND PLACED TO BLDG STEEL

A=#4 CU- PANEL "C1"

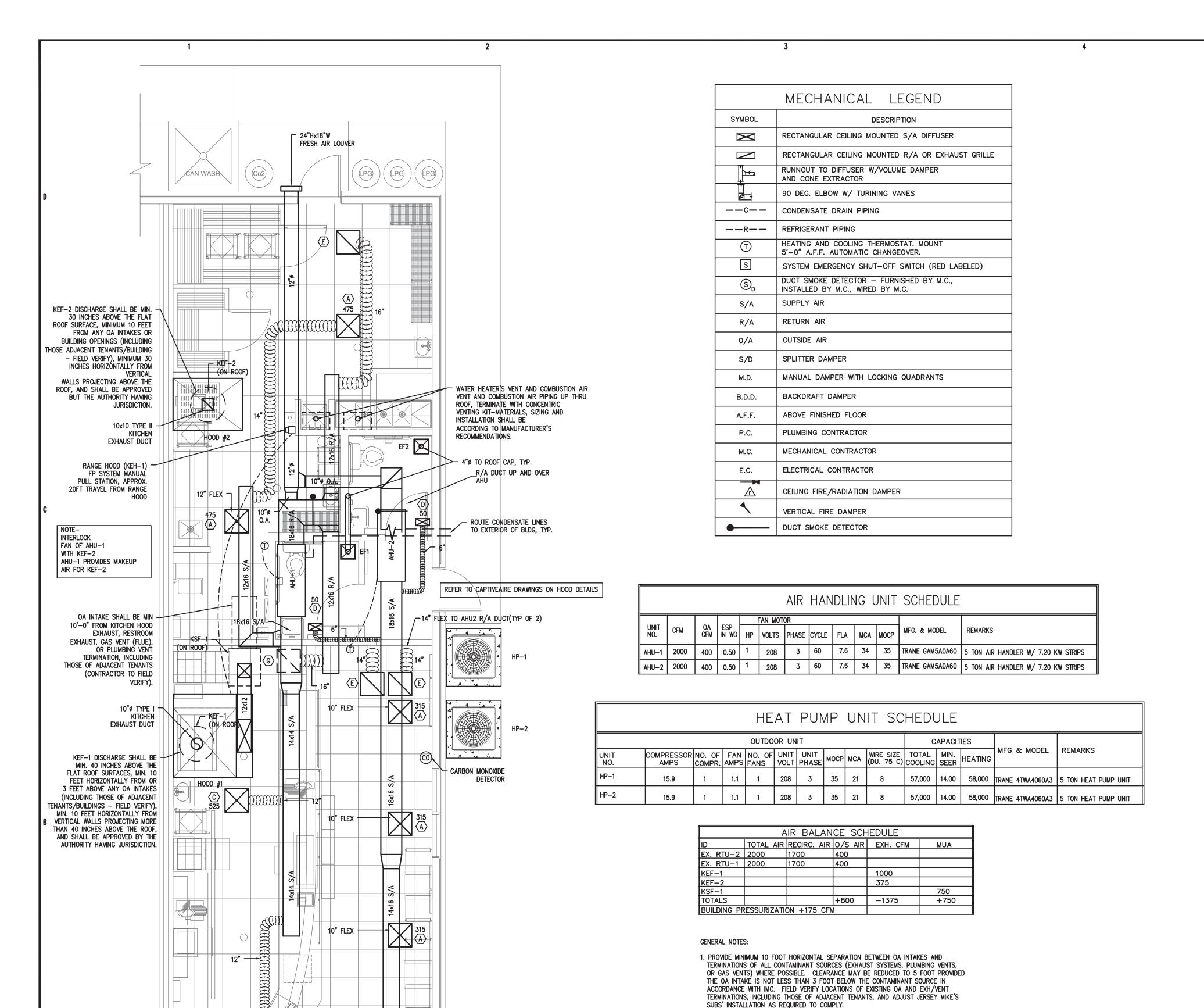
GENERAL PHOTOMET SCHEDULE	
AVERACE	56.42

SCHEDULE	KITCHEN
AVERAGE FOOT-CANDLES	56.42
MAXIMUM FOOT-CANDLES	83.0
MINIMUM FOOT-CANDLES	23.0
MINIMUM TO MAXIMUM FC RATIO	0.28
MAXIMUM TO MINIMUM FC RATIO	3.61
AVERAGE TO MINIMUM FC RATIO	2.45

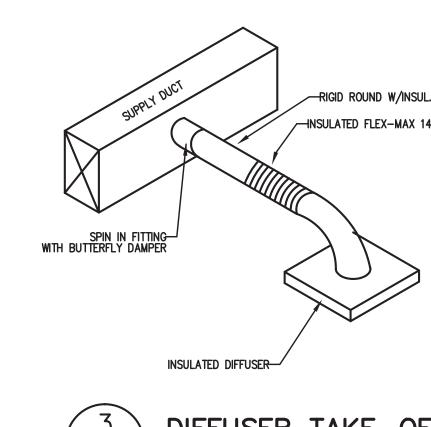
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HVAC PLAN





ALL NOTES APPLY TO ALL DRAWINGS AND ALL TRADES. IT IS THE RESPONSIBILITY OF ALL CONTRACTORS AND TRADES TO COORDINATE THE INSTALLATION OF THEIR WORK WITH THE INSTALLATION OF WORK BY ALL OTHER CONTRACTORS AND TRADES. CONTRACTORS SHALL FOLLOW MANUFACTURER'S INSTALLATION INSTRUCTIONS. THE REQUIREMENTS OF THE DRAWINGS, GENERAL REQUIREMENTS AND ALL ITEMS OF THE CONTRACT DOCUMENTS ARE EQUALLY BINDING ON ALL CONTRACTORS AND TRADES. EACH CONTRACTOR IS REQUIRED TO MAINTAIN FULL SETS OF THE CONTRACT DOCUMENTS FOR HIS EMPLOYEES' USE ON THE PROJECT TO ASSURE THAT ALL WORK IS PROPERLY COORDINATED AND INSTALLED WITH THE WORK OF OTHER CONTRACTORS AND TRADES.

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DIFFUSER/RETURN SCHEDULE										
MARK ON PLANS	ON AIR PATTERN NECK SIZE RUNOUT MFGR/MODEL									
A	4 WAY	24 X 24	SEE PLAN	TITUS TMS, ALUM. CONTRACTOR SHALL COORDINATE COLOR						
B	4 WAY	12 X 12	SEE PLAN	TITUS TDC, ALUM. CONTRACTOR SHALL COORDINATE COLOR						
0	DBL-DEFLECTION	22 X 10	SEE PLAN	TITUS 272FS, ALUM. CONTRACTOR SHALL COORDINATE COLOR	1,2					
D	SINGLE DEFLECTION	10 X 6	SEE PLAN	PRICE SERIES 610 OFF WHITE, ALUM.,						
E	LOUVERED GRILLE	24 X 24	SEE PLAN	TITUS 3F, ALUM. CONTRACTOR SHALL COORDINATE COLOR	2					
©	FILTER LOUVERED GRILLE	24 X 24	SEE PLAN	TITUS 3FF, ALUM. CONTRACTOR SHALL COORDINATE COLOR	3					

1. INSTALL IN LAY-IN CEILING. 2. PROVIDE 12"H PLENUM WITH ROUND NECK FOR FLEX DUCT CONNECTION. 3. LOUVERED GRILLE WITH REMOVABLE/CORE. WITH FOUR QUARTER-TURN FASTENERS AND NO HINGE.

	FAN SCHEDULE									
MARK	MARK LOCATION SERVICE CFM S.P. HP RPM VOLT PHASE DRIVE REMARKS									
EF1 EF2	CEILING	TOILET	70	0.1"	0.5A	710	120	1	DIRECT	BROAN #684 OR EQ. 4" FLEX TO WALL CAP
KEF1	ROOF	HOOD	1000	1"	0.5	1471	120	1	BELT	ROOF MTD. EXHAUST FAN CAPTIVEAIRE DU50HFA PROVIDED BY EQ. SUPPLIER
KEF2	ROOF	HOOD	375	0.5"	0.18	1404	120	1	BELT	ROOF MTD. EXHAUST FAN CAPTIVEAIRE DU12HFA PROVIDED BY EQ. SUPPLIER
KSF1	ROOF	HOOD	750	0.5"	1.0	814	120	1	BELT	ROOF MTD. SUPPLY FAN CAPTIVEAIRE A1—G10 PROVIDED BY EQ. SUPPLIER

OUTSIDE AIR CALCULATION -2018 NC MECHANICAL CODE (TABLE 403.3.1.1) Vbz = RpPz + RaAz

	OCCUPANCY TYPE:	SF (Az)	# OF OCCUPANTS (Pz)	O.A. CFM PER PERSON (Rp)	O.A CFM PER SqFt (Ra)	O.A. CFM REQUIRED (Vbz)	EXAUST CFM REQUIRED
	DINING AREA	470	28	7.5	0.18	294.6	
AHU-2	HALL	34			0.06	2.04	
	WOMEN	41				0	70
	MEN	41				0	70
	TOTAL CFM REQUIRED					296.64	140
	TOTAL CFM FURNISHED					296.64	140
	_						
	OCCUPANCY TYPE:	(Az)	(Pz)	PERSON (Rp)	SqFt (Ra)	O.A. CFM REQUIRED (Vbz)	EXAUST CFM REQUIRED
	SERVING COUNTER	200	3	7.5	0.18	58.5	
	FRONT KITCHEN	100				0	70
AHU-1	BACK KITCHEN	218				0	153
	STORAGE	145			0.12	17.4	
	TOTAL CFM REQUIRED					75.9	223
	TOTAL CFM FURNISHED					75.9	223

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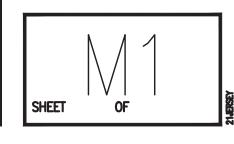


PERMITTING STAMPS

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HVAC PLAN, NOTES, DETAILS AND SCHEDULES

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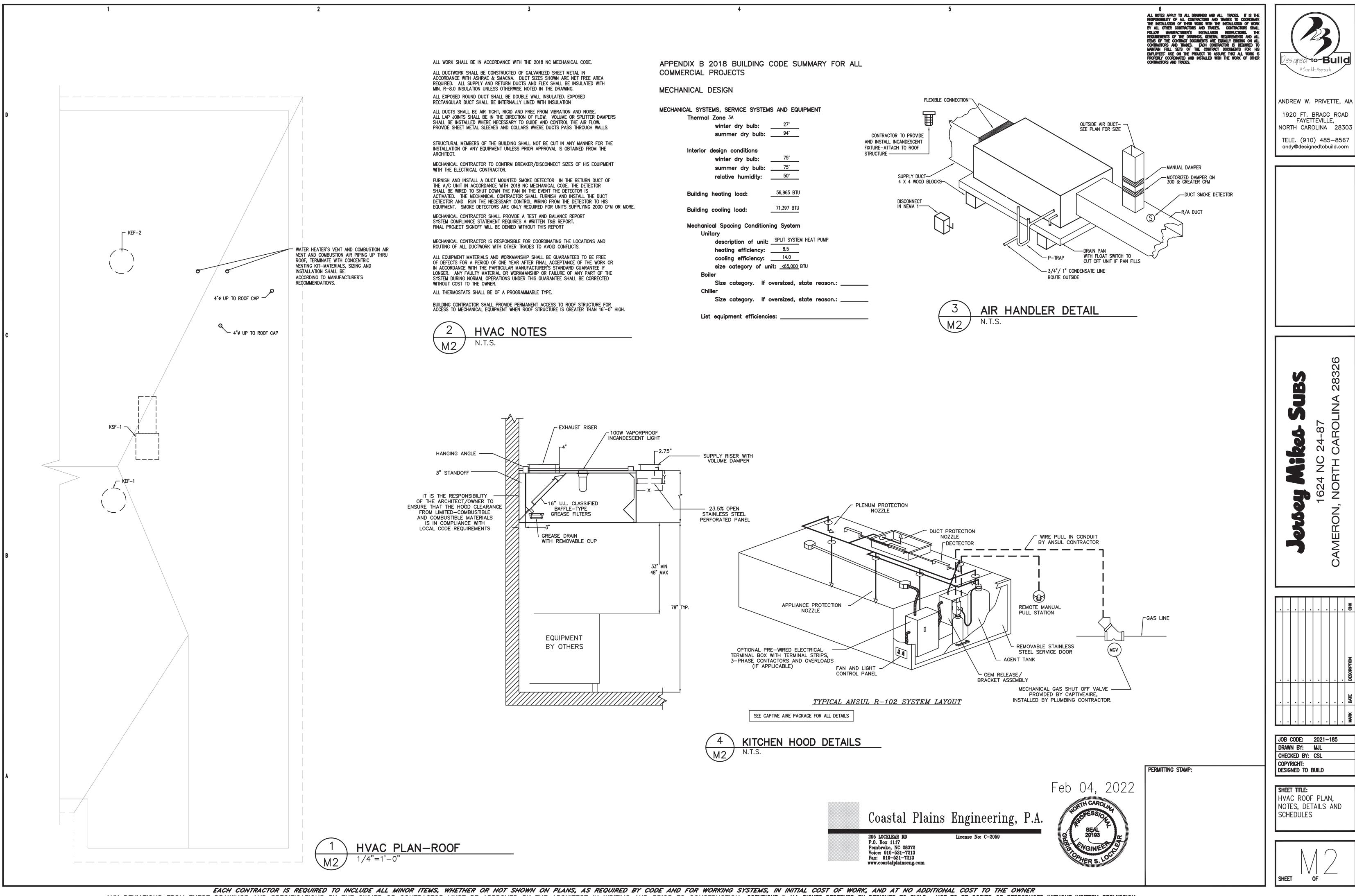
2. THERMOSTATS IN KITCHEN AREAS SHALL BE MOUNTED MINIMUM 6 INCHES ABOVE BACKSPLASH ELEVATION. THERMOSTATS IN DINING ROOM (NOT ADJUSTABLE BY THE PUBLIC) SHALL BE MOUNTED 84" AFF OR AS DIRECTED BY THE OWNER. COORDINATE

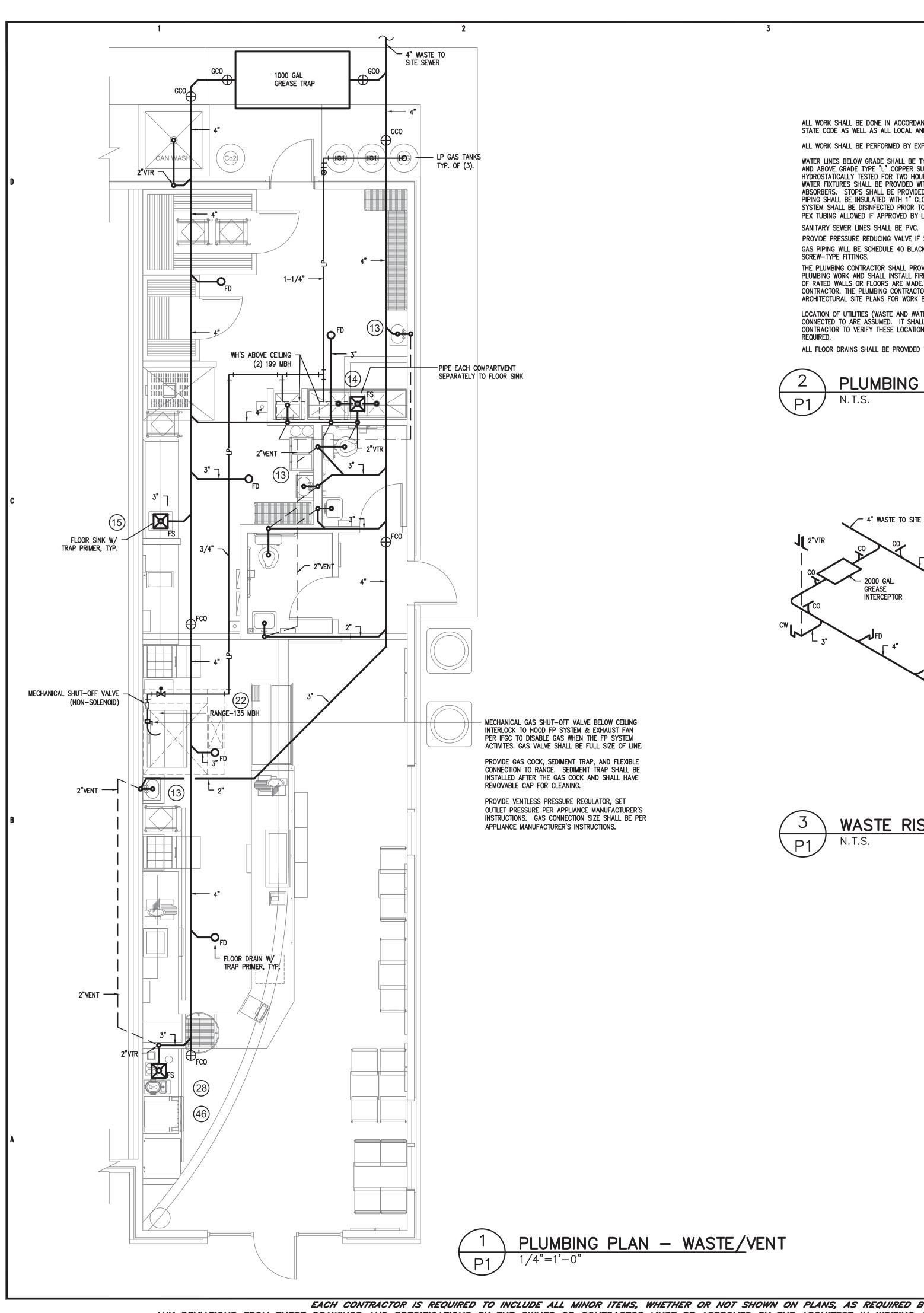
LOCATION AND MOUNTING HEIGHT OF ALL OTHER THERMOSTATS WITH OWNER.

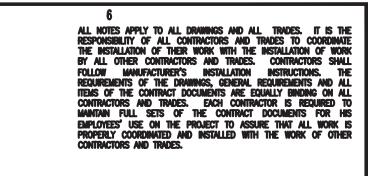
COMBUSTIBLE CONSTRUCTION - GENERAL CONTRACTOR SHALL FIELD VERIFY.

GENERAL NOTES

3. PROVIDE FIRE WRAP FOR TYPE I GREASE EXHAUST DUCT, FROM HOOD CONNECTION TO TERMINATION POINT, IF PARTITION BEHIND HOOD IS FRAMED WITH WOOD OR OTHER







ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE STATE CODE AS WELL AS ALL LOCAL AND OTHER APPLICABLE CODES. ALL WORK SHALL BE PERFORMED BY EXPERIENCED AND SKILLED CRAFTSMEN.

WATER LINES BELOW GRADE SHALL BE TYPE "K" COPPER (NO JOINTS BELOW GRADE) AND ABOVE GRADE TYPE "L" COPPER SUPPORTED AS REQUIRED AND SHALL BE HYDROSTATICALLY TESTED FOR TWO HOURS AT 100 PSI. ALL WATER PIPING AT WATER FIXTURES SHALL BE PROVIDED WITH 18" AIR CHAMBERS OR SHOCK ABSORBERS. STOPS SHALL BE PROVIDED ON HOT AND COLD WATER LINES. HOT WATER PIPING SHALL BE INSULATED WITH 1" CLOSED CELL RUBBER. THE ENTIRE WATER SYSTEM SHALL BE DISINFECTED PRIOR TO PLACING IN SERVICE PEX TUBING ALLOWED IF APPROVED BY LOCAL JURISDICTION

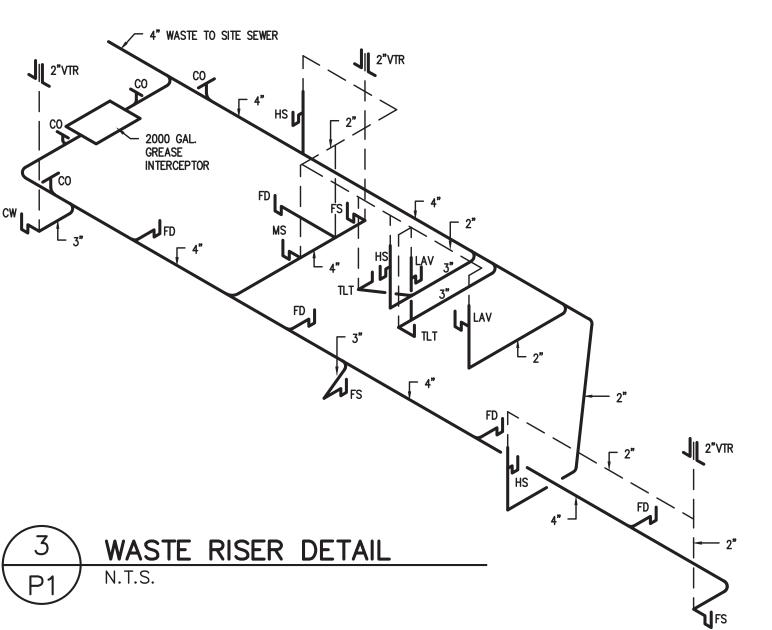
PROVIDE PRESSURE REDUCING VALVE IF STREET WATER EXCEEDS 80 PSI GAS PIPING WILL BE SCHEDULE 40 BLACK STEEL WITH BLACK MALLEABLE IRON

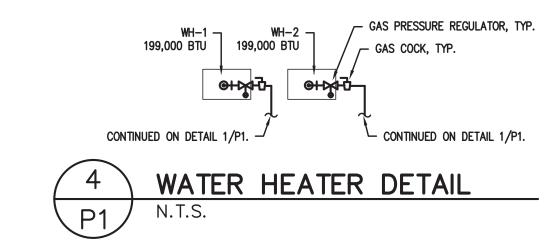
THE PLUMBING CONTRACTOR SHALL PROVIDE ALL OPENINGS REQUIRED FOR THE PLUMBING WORK AND SHALL INSTALL FIRE RATED SLEEVES WHEREVER PENETRATIONS OF RATED WALLS OR FLOORS ARE MADE. THE PATCHING SHALL BE BY THE PLUMBING CONTRACTOR. THE PLUMBING CONTRACTOR SHALL REVIEW ALL UTILITY SITE PLANS AND ARCHITECTURAL SITE PLANS FOR WORK BY OTHERS.

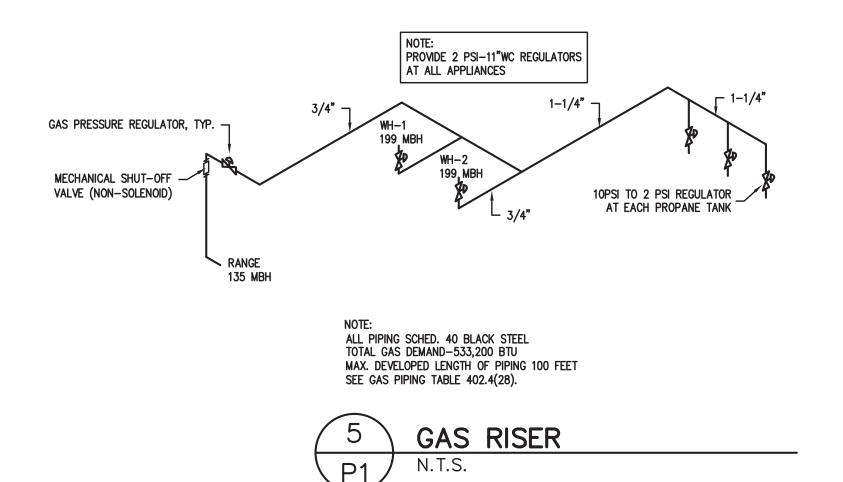
LOCATION OF UTILITIES (WASTE AND WATER LINES, MANHOLES ETC.) THAT ARE TO BE CONNECTED TO ARE ASSUMED. IT SHALL BE THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO VERIFY THESE LOCATIONS AND MAKE THE FINAL CONNECTION AS

ALL FLOOR DRAINS SHALL BE PROVIDED WITH TRAP PRIMERS



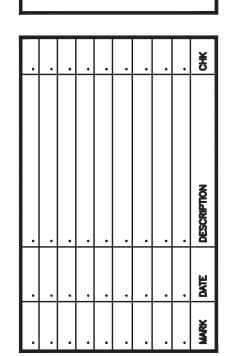








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JOB CODE: 2021-185 CHECKED BY: CSL DESIGNED TO BUILD

PLUMBING WASTE PLAN, NOTES, DETAILS AND SCHEDULES

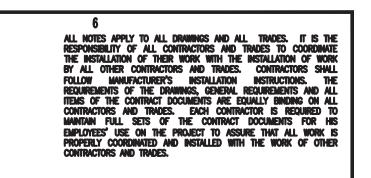
Feb 04, 2022

PERMITTING STAMP

Coastal Plains Engineering, P.A.

295 LOCKLEAR RD P.O. Box 1117 Pembroke, NC 28372 Voice: 910-521-7213

www.coastalplainseng.com



ANDREW W. PRIVETTE, AIA

1920 FT. BRAGG ROAD FAYETTEVILLE, NORTH CAROLINA 28303

TELE. (910) 485-8567

andy@designedtobuild.com





HOT WATER SUPPLY LINE

COLD WATER SUPPLY LINE

GENERAL PL	UMBING SYMBOLS
	UNION
•——	PIPE UP
	PIPE DOWN
0-	POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK
īī	TEE
-	ELBOW
wco	WALL CLEANOUT
0	FLOOR CLEANOUT
\bowtie	GATE VALVE
	COLD WATER
	HOT WATER
	VENT PIPING
	WASTE PIPING
RD	ROOF DRAIN PIPING

SYMBOL	MANUFACTURER	MODEL#	FIXTURE DESCRIPTION	ACCESSORIES	SUPPLY	WASTE	VENT	REMARKS
P-1	AMERICAN STD.	2998.012	WATER CLOSET (TANK), FLOOR-TYPE HANDICAPPED	CHURCH 380TL, TOILET SEAT	3/4" C.W.	3"	2"	
P-2	AMERICAN STD.	0321.026	LAVATORY, WALL-TYPE	AMERICAN STANDARD, 2385.400 FAUCET	1/2" H.W./C.W.	2"	1-1/2"	
P-3	P-3 EXTERIOR CAN WASH PER SUPPLIER						2"	
WH-1,2	RINNAI			CONCENTRIC VENT AND COMBUSTION AIR PIPE, FITTINGS ADN ROOF TERMINATION	3/4" H.W./C.W.			

						EQUIPMENT SCHEDULE			7
KEY	QTY.	ITEM NAME	MANUFACTURER	MODEL NUMBER	SUPPLIER	POWER REQUIRED	PLUMBING REQUIRED	MISC. NOTES	KEY
10	1	BREAD OVEN	NUVU	JM-QB 5/10 AUTOMIST	ECO	29AMP 208V/3ph	1/4" SUPPLY LINE	AUTO MISTER NOT OPTIONAL. OUTLET INSTALLED AT 78"AFF	10
13	2	HAND SINK - WALL HUNG	COMPONENT HARDWARE GROUP	JM-FS17D141005JM	ECO		C.H.G. FAUCET FS17D141005JM WITH DRAIN BASKET (WATER-SEWER LINES)	WALL MOUNT HAND SINK W/ TWO 7¾" SIDE SPLASHES AND FAUCET	13
14	1	3 COMPARTMENT SINK	ADVANCE TABCO/C.H.G.	JM-FC-3JM-DBSB-CUS.	ECO		C.H.G. KL53-1000-AF4 PRE-RINCE SPRAYER/ ADD-A-FAUCET, KL54-8012 FAUCET AND D50-7100 LEVER WASTES - QTY 3	IF TALLER THAN 9", END SPLASHES ARE REQUIRED	14
15	1	S.S. WORKTABLE-PREP SINK	ADVANCE TABCO/C.H.G.	JM-TKMS-5JM-11BRSL	ECO		C.H.G. JM-KL54-8002 FAUCET (5" SWIVEL GOOSENECK SPOUT)	ONE COMPARTMENT SINK WITH DRAIN BOARD ON THE LEFT SIDE	15
20	1	MOP SINK	EXIST CLEAN & REUSE	2'X2'	GC		½" SUPPLY 1½" DRAIN, VENT	MOP HANGER AND WALL GUARD	20
22	1	RANGE WITH GRILL	IMPERIAL	JM-IR-CUSTOM	ECO		1 - KROWNE JM-M7548K GAS CONN. CONFIRM NATURAL OR LP GAS	OPTION: CASTER, FLEX GAS HOSE, QUICK CONNECT & RESTRAINING DEVICE. BE SURE TO INCLUDE PERFORMANCE CHECK	3 22
26	1	DRINK DISPENSER & ADAPTER KIT	PEPSI	DISPENSER: IDC255, ADAPTOR: 80002957	PEPSI	9.3 AMP 115V/60/1	½" SUPPLY, CONDENSATION DRAIN	COORDINATE W/ PEPSI. OUTLET INSTALLED AT 42"AFF	26
28	1	ICED TEA BREWER/DISPENSER	BUNN	TB3Q	LUZIANNE	120V, 14.4 AMP		1-800-627-2094. OUTLET INSTALLED AT 42"AFF	28
34	1	BAG IN BOX SYSTEM	PEPSI	PEPSI	PEPSI	110 / 120V - 20 AMP DUAL OUTLET	½" SUPPLY	WATER CONNECTION IS NEEDED FOR THE FILTRATION SYSTEM. OUTLET CAN BE INSTALLED AT 80"AFF.	34
46	1	ICE MAKER	HOSHIZAKI	JM-KM-520MAJ	ECO	115V/60/1 PH - 20 AMP BREAKER	PROVIDE DRAIN	OUTLET INSTALLED AT 42"AFF	46

Feb 04, 2022

PERMITTING STAMP:

Coastal Plains Engineering, P.A.

DESIGNED TO BUILD PLUMBING PLAN, NOTES, DETAILS AND SCHEDULES

CHECKED BY: CSL

JOB CODE: 2021-185

PLUMBING PLAN — SUPPLY
1/4"=1'-0"

P-3

PROVIDE WATER HAMMER ARRESTOR AND ASSE 1012 BACKFLOW PREVENTER.

PROVIDE ASSE 1070 -TEMPERING VALVE, SET TO 110° OUTLET, AT EACH LAVATORY AND HAND SINK.

TEA BREWER 1/2"CW
PROVIDE WATER HAMMER
ARRESTOR AND ASSE 1022
BACKFLOW PREVENTER

1/2"CW PROVIDE WATER -HAMMER ARRESTOR AND ASSE 1012 BACKFLOW PREVENTER

1"CW -

─ 1"CW, ¾"HW, ¾"HWR UP TO ABOVE CEILING WATER HEATERS. SEE DETAIL 2/P2.

- PROVIDE ASSE 1070 TEMPERING VALVE, SET TO 110° OUTLET, AT EACH LAVATORY AND

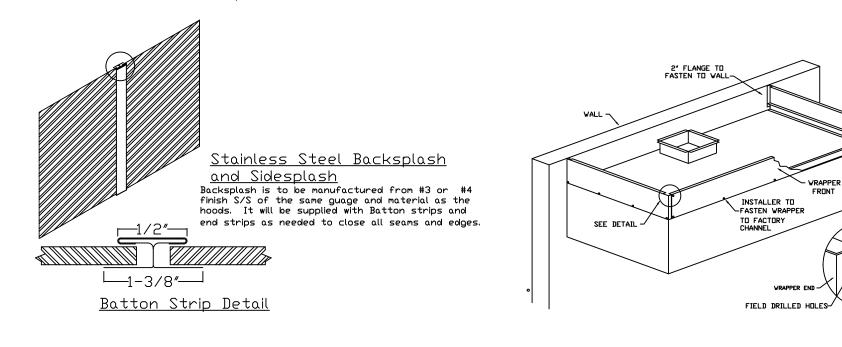
34)
- 1/2°CW
PROVIDE WATER HAMMER ARRESTOR

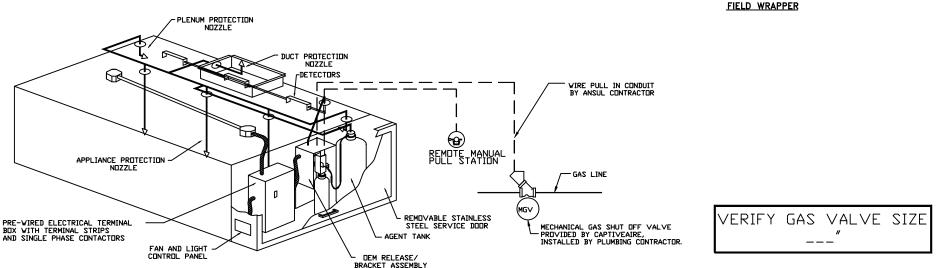
AND ASSE 1022 BACKFLOW PREVENTER

WATER HEATER DETAIL

CANOPY GRIDDLE HOOD (RIGHT UTILITY CABIN VERIFY CEILING HEIGH ноор MODEL LENGTH COOKING TOTAL SUPPLY END TO RDW CONSTRUCTION EXH, CFM WIDTH LENG. HEIGHT DIA. CFM VEL. S.P. TEMP. CEM FND Height required to verify that the hood will fit and to size the enclosure panels 5424 600 430 \$\$ 5' 0" 1000 10" 1000 1833 -0.363 750 ALONE AI TNF Deg. ND-2-PSP-F Where Exposed HOOD INFORMATION LIGHT(S) UTILITY CABINET(S) TIRE SYSTEM FILTER(S) FIRE HOOD ELECTRICAL SWITCHES EFFICIENCY @ 7 YSTEMHANGING TYPE QTY. HEIGHT LENGTH TYPE LOCATION SIZE MICRONS GUARI TYPE SIZE MODEL # QUANTITY **PIPING** WGHT 1 Light 476 SS Baffle with Handles 16" 30% 3 L55 Series E26 NΠ Right 12"x54"x24" Ansul R102 3.0 SC-111110FP YES LBS 1 Fan HOOD OPTIONS L55 SERIES E26 CANDPY LIGHT FIXTURE -HIGH TEMP ASSEMBLY, INCLUDES CLEAR THERMAL AND SHOCK RESISTANT GLOBE (L55 FIXTURE). NOTE: WRAPPER 18.00" High Front, Left, Right EXHAUST FAN IS SIZED FOR A MAXIMUM OF (3) 90 DEGREE RADIUS ELBOWS AND 25 FT OF STRAIGHT DUCTWORK. PLEASE CONSULT CAPTIVEAIRE IF DUCTWORK EXCEEDS THE BACKSPLASH 80.00" High X 72.00" Long 430 SS Vertical QUARTER END PANEL 23" Top Width, 0" Bottom Width, High 430 SS ABOVE REQUIREMENTS. QUARTER END PANEL 23" Top Width, 0" Bottom Width, 23" High 430 SS RISER SENSOR INSTALL 6IN PLEN PERFORATED SUPPLY PLENUM(S) EXHAUST RISER -WIDTH LENG. DIA. CFM S.P. ATTACHING PLATES SUPPLY RISER WITH 72" 12" MUA 10" 284 750 0.204* HANGING ANGLE Front VOLUME DAMPER SEF HOOD TAREF 23.5% OPEN STAINLESS 2 3/4" STEEL PERFORATED PANE 16' SS BAFFLE WITH HANDLES AND HOOK 6" ANSUL SYSTEM 3" INTERNAL STANDOFF 24" NITM. 3" 0 0 Ò IT IS THE RESPONSIBILITY OF THE ARCHITECT/OWNER TO THAT THE HOOD CLEARANCE FROM LIMITED-COMBUSTIBLE 54" U.L. Listed L55 Series E26 Canopy AND COMBUSTIBLE MATERIALS Light Fixture - High Temp Assembly IS IN COMPLIANCE WITH 23 LOCAL CODE REQUIREMENTS. SC CONTROLLER -16 FAN & LIGHT PUSH BUTTON 48.0" MAX FACE MOUNTED ON UTILITY GREASE DRAIN WITH REMOVABLE CUP Cabinet LEFT AND RIGHT QUARTER END PANELS 12" DISTANCE FROM WALL MAY VARY DUE TO 12" CASHMI DETAIL 36" 4.00"#1/4 5′ 0″Nom./5′ 0.00″□D — - VAC DISTRIBUTION NOTE IS RECOMMENDED NOT TO INSTALL GH VELOCITY DIFFUSERS OR HVAC TURNS WITHIN TEN (10) FEET OF E EXHAUST HOOD, PERFORATED 30.00° ±1 6'-0.00" Overall Length PLAN VIEW - GRIDDLE HOOD LIGHTS FANS 0.00" LONG 5424ND-2-PSP-F <u>ETL LISTING DESCRIPTION BLOCK</u> 1/2" DIA. ALL THREAD ROD CONNECTED TO ROOF JOIST 1/2" DIA. HEAVY DUTY NUT HE CAPTIVE AIRE MODEL ONE ABOVE AND TWO BELOW SECTION VIEW - MODEL 5424ND-2-PSP-F ND-2 HAS BEEN U.L HOOD - #1110 TESTED, LISTED, AND JERSEY MIKE'S APPROVED TO EXHAUST LOCATION CAMERON, NC MINIMUM OF 200 CFM PER DATE6/6/19 JOB # 5159853 INEAR FOOT OVER 600. DWG # 1 DRAWN BY DF-32 EGREE COOKING EQUIPMENT REV. SCALE Not To Scale HANGING ANGLE DETAIL

FIRE SYSTEM/INSTALLATION DETAILS





TYPICAL ANSUL R-102 SYSTEM LAYOUT

TYPICAL ANSUL R-102 SYSTEM LAYOUT





2)	
<i>JOB #</i> 515985	S
DRAWN BY DF-32	
SCALE Not To Sc	ale
	<i>JOB #</i> 515985

WRAPPER PANELS FLANGED FOR

WRAPPER END

MOUNTING CHANNEL

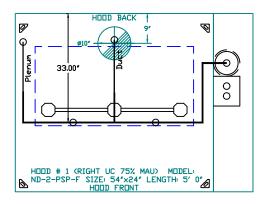
- SPECIAL 1/8' KINK

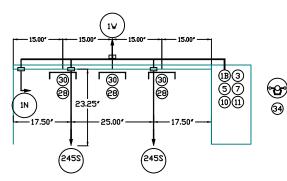
FACTORY WELDED

WRAPPER FRONT

- STAINLESS POP-RIVETS BY OTHERS

FIRE SYSTEM/INSTALLATION DETAILS







FIELD PIPE DROPS AS SHOWN
SLEEVING, ELBOWS, TEES, AND NOZZLES SUPPLIED BY CAS.
- RELOCATE NOZZLES IF FLOW PATTERN IS BLOCKED BY SHELVING,

- RELUCATE NUZZLES IF FLOW PATTERN IS BLUCKED BY SHELVING,
SALAMANDERS, ETC.
- MAXIMUM 9 ELBOWS IN SUPPLY LINE.
- MINIMUM 72 INCHES OF AGENT LINE FROM TANK TO FIRST NOZZLE
COVERING A RANGE, FRYER, OR WOK TO REFLECT GENERAL PIPING REQUIREMENTS.
- IF APPLICABLE, PRE-PIPED CHARBROILER DROPS ARE SHIPPED LODSE.
- FACTORY PIPING EXTENDS A MAXIMUM OF 6" ABOVE THE TOP OF THE HOOD.

- APPLIANCE DIMENSIONS LISTED REPRESENT THE COOKING SURFACE SIZE, NOT THE OVERALL APPLIANCE SIZE.

- THIS FIRE SYSTEM COMPLIES WITH U.L. 300 REQUIREMENTS.

JDB NAME: JERSEY MIKE'S

SYSTEM SIZE: ANSUL-3.0 TOTAL FP REQUIRED: 6. HODD # 1 5' 0.00" LONG \times 54" WIDE \times 24" HIGH. RISER # 1 SIZE: 10" DIA. HOOD # 1 METAL BLOW-OFF CAPS INCLUDED.

LEGEND - FIRE CABINET ANSUL SYSTEM

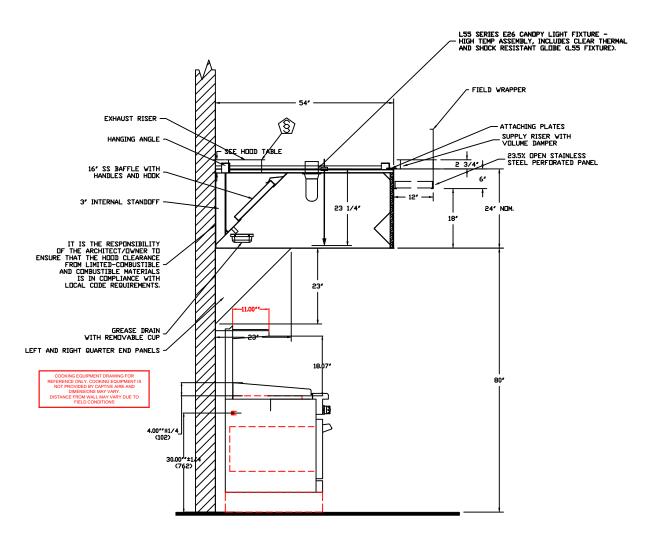
1A	1.5 GALLON TANK
1B	3 GALLON TANK
3 2	DEM AUTOMAN RELEASE
3	DEM REGULATED RELEASE
4	DEM REGULATED ACTUATOR
5	ANSULEX LIQUID AGENT (3 GAL.)
6	ANSULEX LIQUID AGENT (1.5 GAL.)
7	CARTRIDGE (101-20)
8	CARTRIDGE (101-10)
9	CARTRIDGE (101-30)
9A	CARTRIDGE (LT-A-101-30) DOUBLE TANK CARTRIDGE
9B 10	TEST LINK
11	DOUBLE MICROSWITCH
12	HOSE ASSEMBLY
1100	DUCT NDZZLE (430913)
2W	DUCT NΠ77LF (419337)
1W	NDZZLE ASSEMBLY (419336)
1F	NDZZLE ASSEMBLY (419333)
ĪN	NOZZLE ASSEMBLY (419335)
1/2N	NOZZLE ASSEMBLY (419334)
3N	NOZZLE ASSEMBLY (419338)
245	NOZZLE ASSEMBLY (419340)
230	NOZZLE ASSEMBLY (419339)
2120	NOZZLE ASSEMBLY (419343)
290	NOZZLE ASSEMBLY (419342)
260	NDZZLE ASSEMBLY (419341)
28	DETECTOR BRACKET
29	LOW TEMP FUSIBLE LINK
30	HIGH TEMP FUSIBLE LINK
MG∨	MECHANICAL GAS VALVE
EG∨	ELECTRICAL GAS VALVE
34	REMOTE MANUAL PULL STATION
S	SWIVEL ADAPTOR





JOB JERSEY MIKE	2`	
LOCATION CAMERON, NC		
<i>DATE</i> 6/6/19	JOB #	5159853
<i>DWG #</i> 3	DRAWN	<i>BY</i> DF-32
REV.	SCALE	Not To Scale

ANSUL APPLIANCE PROTECTION DETAILS



<u>SECTION VIEW - MODEL 5424ND-2-PSP-F</u> HOOD - #1

> <u>DUCT NOZZLE AND</u> <u>PLENUM SPRAY BAR LOCATION</u>





JOB JERSEY MIKE	2`	
LOCATION CAMERON, NC		
<i>DATE</i> 6/6/19	JOB #	5159853
DWG # 4	DRAWN	<i>BY</i> DF-32
REV.	SCALE	Not To Scale

GRIDDLE FAN (CANOPY HOOD)

EXHAUST FAN INFORMATION FAN UNIT MODEL # MODEL VOLT FLA WEIGHT (LBS.) SONES CEM ESP. H.P. ø 115 15.3 DU50HFA DU50HFA 1000 1.000 1471 0.500 8.4 84 FAN OPTIONS 1 - Grease Box CURB ASSEMBLIES **WEIGHT** ITEM SIZE FAN 19.500"W x 19.500"L x 26.000"H Vented Hinged DU50HFA 38 LBS Curb



IF ROOF INSULATION
THICKENESS IS GREATER
THAN 7.5" PLEASE
CONTACT CAPTIVEAIRE
TO EITHER ORDER
TALLER CURBS OR
WINDBAND EXTENSION

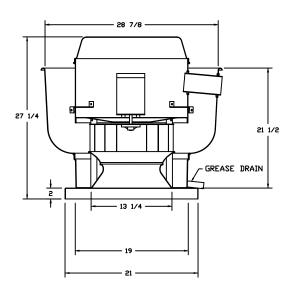
ATTENTION!

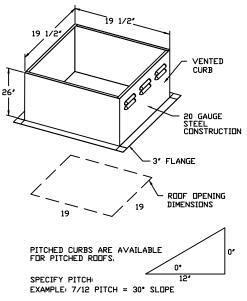
INSTALLER MUST READ LABEL NEAR DISCONNECT SWITCH!

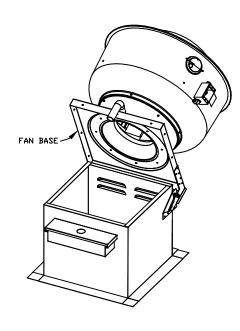
MESSAGE ON LABEL:

"INSTALLER SHOULD SUPPLY ENOUGH ELECTRICAL CORD TO LET FAN MAKE COMPLETE SWING"

FAN #1 DU50HFA - EXHAUST FAN (GRIDDLE EF)







FEATURES:

- ROOF MOUNTED FANS
- RESTAURANT MODEL
- UL705 AND UL762
- VARIABLE SPEED CONTROL
- INTERNAL WIRING
- WEATHERPROOF DISCONNECT
- THERMAL OVERLOAD PROTECTION (SINGLE PHASE)
- HIGH HEAT OPERATION 300°F (149°C)
- GREASE CLASSIFICATION TESTING

NORMAL TEMPERATURE TEST

EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F (149°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM, AND WITHOUT ANY DETERIORATING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.

ABNORMAL FLARE-UP TEST

WHILE EXHAUSTING BURNING GREASE VAPORS
AT 600°F (316°C) FOR A PERIOD OF
15 MINUTES WITHOUT THE FAN BECOMING
DAMAGED TO ANY EXTENT THAT COULD CAUSE
AN UNSAFE CONDITION.

<u> ZNDITQD</u>

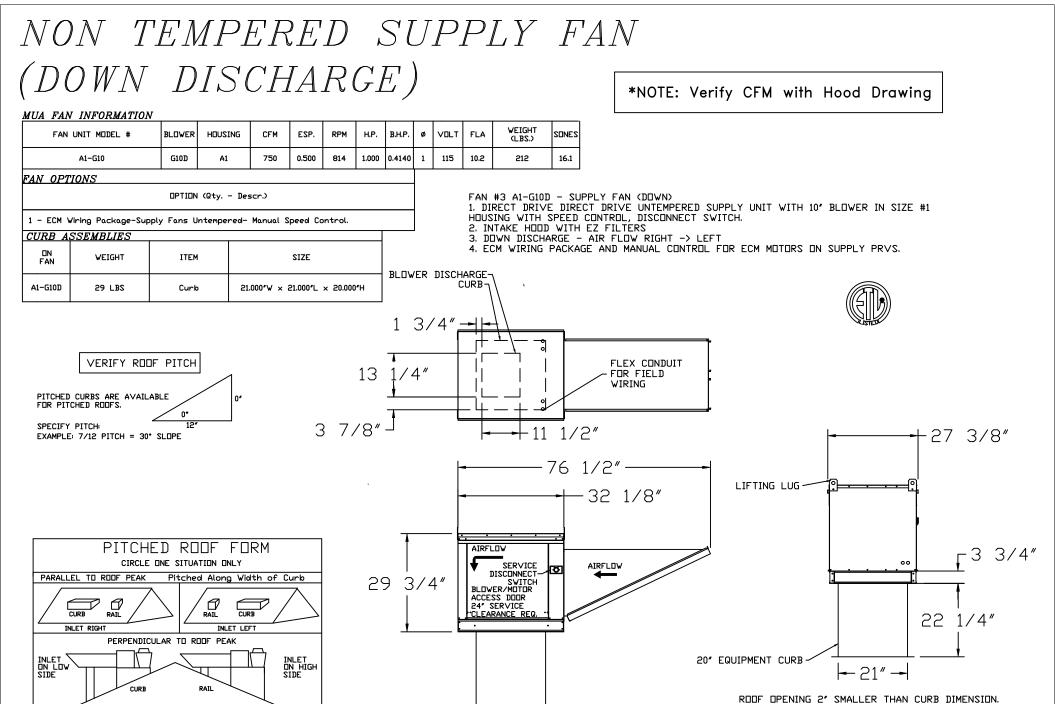
GREASE BOX







JOB JERSEY MIKE	2'S	
LOCATION CAMERON, NC		
<i>DATE</i> 6/6/19	<i>JOB #</i> 5159853	_
<i>DWG</i> # 5	DRAWN BY DF-32	
REV.	SCALE Not To Scal	





Pitched Along Length of Curb

-21″**-**



 JOB
 JERSEY MIKE'S

 LOCATION
 CAMERON, NC

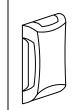
 DATE
 6/6/19
 JOB #
 5159853

 DWC #
 6
 DRAWN BY DF-32

 REV.
 SCALE
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ELECTRICAL PACKAGES

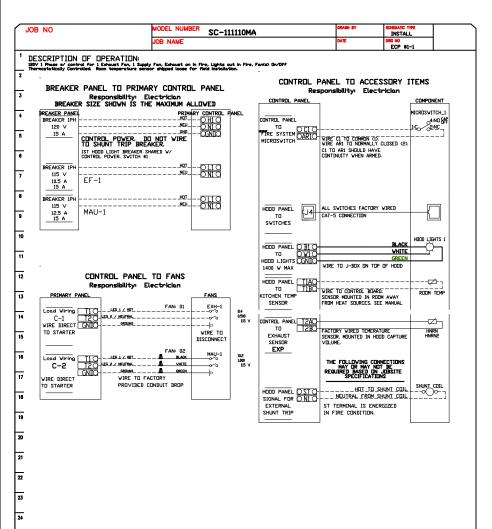
NE	n.	TAG	PACKAGE #	LOCATION	SWITCH	4ES	OPTION	FANS	FANS CONTROLLED				
L					LOCATION	QUANTITY		FAN TAG	TYPE	?	H.P.	VOLT	FLA
Γ.	Т		SC-111110MA	Right Utility Cabinet	Right Utility Cabinet	1 Light	Smart Controls Thermostatic Control		Exhaust	1	0.500	115	8.4
Ľ	1		2C-IIIIIUMM	Right Utility Cabinet	Hood # 1	1 Fan	Smart controls Thermostatic Control	DOWN	Supply	1	1.000	115	10.2

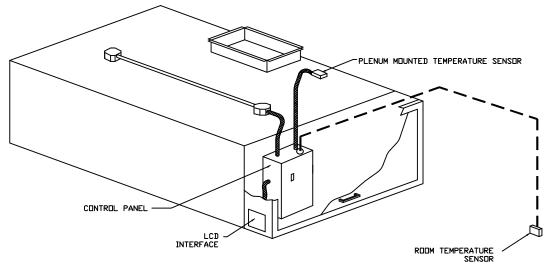


ROOM TEMPERATURE SENSOR

The Room Temperature sensor is a 10K Ilhm Thermistor. The sensor provides constant room temperature to the controller. It should be installed on a wall somewhere in the space but not directly under the hood or close to an appliance so that the reading is not affected by heat.

Typically a system will have one room temperature sensor. However, systems configured with 2 fan zones have the option to be ordered with 2 room temperature sensors, one for each zone. They should be mounted in the space accordingly.





TYPICAL HOOD CONTROL PANEL INSTALLATION

SEQUENCE OF OPERATION - HOOD CONTROLS ELECTRICAL PACKAGE: FP SERIES

Unce all power, light and temperature sensor circuits are properly landed on the control terminal block the LCD interface will be illuminated. All temperature readings are measured by resistive temperature sensors (thermistors) installed in each hood exhaust riser. Due room temperature sensor is installed in the space to measure ambient air temperature.

Two methods to activate systems

Manual activation:

Operator presses the fan button to energize starter(s) and start the exhaust fan(s). Supply fan(s), if present, will be activated by factory pre-wired interlock.

Automatic activation:
Turn on cooking appliances. Exhaust
fan(s) [and supply fan(s), if present]
will automatically energize when duct
temperature exceeds pre-set
differential with respect to ambient
room temperature (factory setpoint
differential = 10 degrees F,
adjustable). At the end of the day,
after cooking operations have
ceased, the fan(s) will shut off when
the duct temperature falls below the
setpoint differential.

FIRE CONDITION
IN THE EVENT OF A FIRE, A SIGNAL IS
SENT ACROSS THE NORMALLY OPEN DRY
CONTACT OF THE FIRE SUPPRESSION
SYSTEM MICROSWITCH (INTERLOCKED
WITH HOOD CONTROL PANEL BY
ELECTRICIAN). EXHAUST FANKS) TO
REMAIN RUNNING, SUPPLY FANKS) TO
DE-ENERGIZE, LIGHTING CIRCUIT(S) TO
DE-ENERGIZE, LIGHTING CIRCUIT(S) TO
DE-ENERGIZE, MASCALECTRIC TO SHUT
OFF. MICROSWITCH MUST BE RESET PRIOR
TO RESUMPTION OF NORMAL OPERATION.

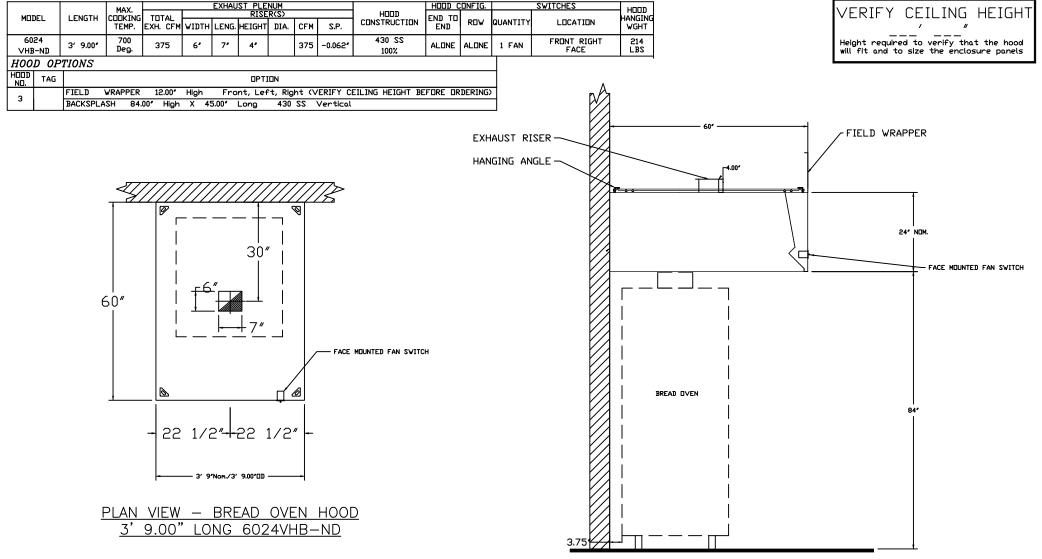






JOB JERSEY MIKE	2``	
LOCATION CAMERON, NC		
<i>DATE</i> 6/6/19	JOB #	5159853
DWG # 7	DRAWN	<i>BY</i> DF-32
REV.	SCALE	Not To Sca

BREAD OVEN HOOD (BACK WALL)



NOTE:

EXHAUST FAN IS SIZED FOR A MAXIMUM OF (3) 90 DEGREE RADIUS ELBOWS AND 25 FT OF STRAIGHT DUCTWORK. PLEASE CONSULT CAPTIVEAIRE IF DUCTWORK EXCEEDS THE ABOVE REQUIREMENTS.

<u>SECTION VIEW - MODEL 6024VHB-ND</u> BREAD OVEN HOOD

ETL LISTING DESCRIPTION BLOCK
HE CAPTIVE AIRE MODEL
/HB HAS BEEN U.L.
/10 TESTED, LISTED, AND
APPROVED TO EXHAUST
MINIMUM OF 150 CFM PER

INEAR FOOT OVER 700 EGREE COOKING EQUIPMENT 1/2" DIA. ALL THREAD ROD
CONNECTED TO ROOF JUST
THROUGH ANOTHER HANGING
ANGLE

*ROD AND NUTS TO BE SUPPLIED BY NETFALLING CONTRACTOR
HANGING ANGLE

*ROD AND NUTS TO BE SUPPLIED BY NETFALLING CONTRACTOR
HANGING ANGLE STORM





	JOB JERSEY MIKE	2`.	
	LOCATION CAMER□N, NC		
'	<i>DATE</i> 2019	JOB #	5159853
	<i>DWG #</i> 8	DRAWN	<i>BY</i> DF-32
	REV.	SCALE	Not To Scale

BREAD OVEN FAN

EXHAUST FAN INFORMATION

FAN UNIT NO.	TAG	FAN UNIT MODEL #	CFM	ESP.	RPM	H.P.	B.H.P.	ø	VOLT	FLA	WEIGHT (LBS.)	SONES
1		DU12HFA	375	0.500	1404	0.180	0.1220	1	115	1.9	54	7.9

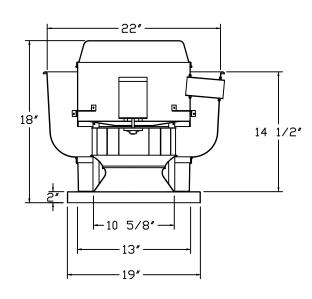
FAN OPTIONS

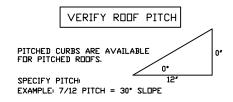
FAN UNIT ND.	TAG	OPTION (Qty Descr.)
1		1 - I 12-BDD Damper

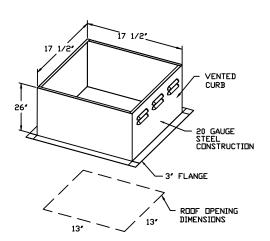
CURB ASSEMBLIES

NO.	ON FAN	WEIGHT	ITEM	SIZE
1	# 1	31 LBS	Curb	17.500°W × 17.500°L × 26.000°H

FAN #1 DU12HFA - EXHAUST FAN







FEATURES:

- DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS)
- ROOF MOUNTED FANS
- UL705
- VARIABLE SPEED CONTROL
- INTERNAL WIRING
- WEATHERPROOF DISCONNECT
- THERMAL OVERLOAD PROTECTION (SINGLE PHASE)

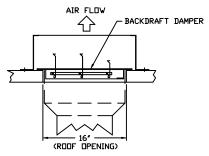
NORMAL TEMPERATURE TEST

EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F (149°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM, AND WITHOUT ANY DETERIORATING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.

ABNORMAL FLARE-UP TEST

EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING BURNING GREASE VAPORS AT 600°F (316°C) FOR A PERIOD OF 15 MINUTES WITHOUT THE FAN BECOMING DAMAGED TO ANY EXTENT THAT COULD CAUSE AN UNSAFE CONDITION.

BACKDRAFT DAMPER INSTALLATION

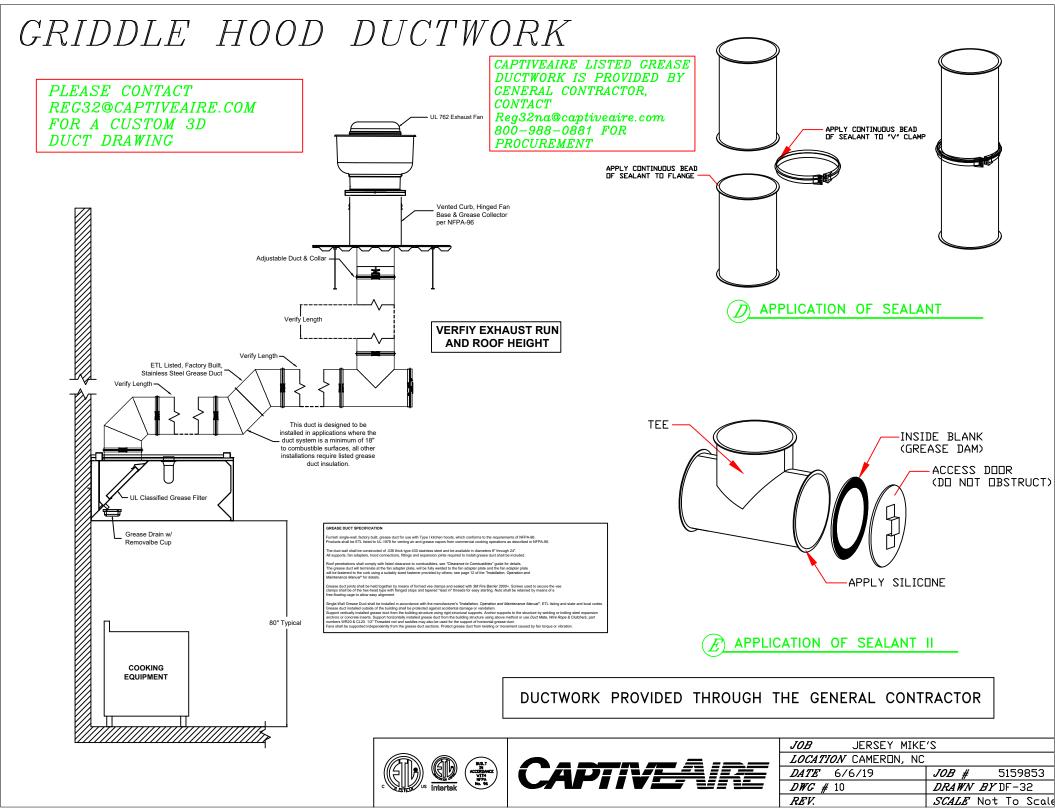








<i>IOB</i> JERSEY MIKE'S	
LOCATION CAMERON, NC	
<i>DATE</i> 2019	5159853
DWG # 9 DRAWN BY	DF-32
REV. SCALE Not	To Scale



GRIDDLE HOOD DUCTWORK

GREASE DUCT & CHIMNEY SPECIFICATIONS:
PROVIDE GREASE DUCT EQUAL TO CAPTIVEAIRE SYSTEMS MODEL "DW"
ROUND 20 GAUGE 430 STAINLESS STEEL DUCTWORK. MODEL "DW"
IS LISTED TO UL-1978 AND IS INSTALLED USING "V" CLAMP LOCKING
CONNECTIONS SEALED WITH 3M FIRE BARRIER 2000 PLUS. MODEL "DW"
DOES NOT REQUIRE WELDING PROVIDING IT HAS BEEN INSTALLED PER
THE MANUFACTURES INSTALLATION GUIDE.

PROVIDE RATED ACCESS DOORS AT EVERY CHANGE IN DIRECTION AND EVERY 12' ON CENTER. PER MANUFACTURES LISTING MODEL "DW" HORIZONTAL RUNS LESS THAN 75 FT. CAN BE SLOPED 1/16" PER 12", HORIZONTAL RUNS MORE THAN 75 FT. CAN BE SLOPED 3/16" PER 12". DUCT SHOULD BE SLOPED AS MUCH AS POSSIBLE TO REDUCE THE CHANCE OF GREASE ACCUMULATION IN HORIZONTAL RUNS.

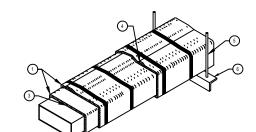
IF THE DUCT OR CHIMNEY IS WITHIN 18 INCHES OF COMBUSTIBLE MATERIAL, PROVIDE UL-2221 OR UL-103 HT LISTED DOUBLE WALL GREASE DUCT OR DOUBLE WALL CHIMNEY EQUAL TO CAPTIVEAIRE SYSTEMS MODEL "DW- 2R, 2R TYPE HT, 3R, OR 3Z" ROUND 20 GAUGE 430 STAINLESS INNER DUCT INSULATED WITH A 24 GAUGE 430 STAINLESS OUTER SHELL.

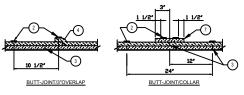
CUSTOMER APPROVAL	. TO MANUFACTURE:
Approved as Noted	
Approved with NO Exception Taken	
Revise and Resubmit	
SIGNATURE	
Value Title Bata	

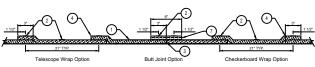
CLEARANCE TO COMBUSTIBLES				
DIAMETER	COMBUSTIBLES	LIMITED COMBUSTIBLES	NON COMBUSTIBLES	
8'	18"	3*	0"	
10"	18*	3,	0"	
12"	18*	3,	0-	
14*	18*	3*	0*	
16*	18*	3*	0*	
18*	18*	3*	0*	
50,	18*	3,	0*	
24"	18'	3*	0*	

Thermal Ceramics

Firemaster Fast Wrap XL
Commercial Kitchen Grease Duct Enclosure System
Air Ventilation Duct Enclosure System
1 or 2 Hour Shaft Alternative / Zero Clearance to Combustibles







SINGLE LAYER OR OUTSIDE LAYER INSTALLATION OPTIONS

LE	LEGEND		
1	wo Layers of Firemaster Fast Wrap XL Blanket for Grease Duct Enclosures		
	One Layer of Firemaster Fast Wrap XL Blanket for Air Ventilation Duct Enclosures		
2	Steel banding minimum 1/2" wide by 0.015" thick.		
3	Tight butt joints on inner layer		
4	Min. 3" overlap on perimeter and between adjacent blanket on outside layer		
5	Min. 3/8" diameter hanger rod		
6	Min. 2" x 2" x 1/8" angle for Grease Duct Enclosures		
	Min. 1-1/2" x 1-1/2" x 1/8" angle or SMACNA Equivalent for Air Ventilation		
	Duct Enclosures		
7	Optional 6" FireMaster Fast Wrap XL collar		







GREASE DUCT SPECIFICATION

Furnish single-wall, factory built, grease duct for use with Type I kitchen hoods, which conforms to the requirements of NFPA-96; <u>CAPTINEARE</u> or approved equal. Products shall be ETL listed to the UL-1978 standard for venting air and grease vapors from commercial cooking operations as described in NFPA-96.

The duct wall shall be constructed of .036" thick type 430 stainless steel and be available in diameters of 8" to 24". The grease duct termination at the fan shall be fully welded to a fan adapter plate (where applicable) and the adapter plate shall be fastened to the curb using a suitably sized fastener provided by others. See Detail A

The duct shall be listed with 18" clearance to combustible materials, 3" clearance to limited combustible materials and 0" clearance to non-combustible materials. Combustible materials are to be defined by the authority having jurisdiction. In cases where the duct distance to combustible materials is less than specified above, insulating products must be installed providing a reduced listing clearance. Approved insulating products include Firemaster Fast Wrap XL or equal when installed in accordance with the manufacturer's instructions. See Details B & C

Grease duct joints shall be held together by means of formed vee clamps and sealed with 3M Fire Barrier 2000+. Screws used to secure the vee clamps shall be of the hex-head type with flanged stops and tapered "lead in" threads for easy starting. Nuts shall be retained by means of a free-floating cage to allow easy alignment. A continuous bead of sealant is to be applied to the duct flange to flange connection, as well as to the "V" groove of the vee clamp. See Detail D

Single-Wall Grease Duct shall be installed in accordance with the manufacturer's "Installation, Operation and Maintenance Manual". ETL listing and state and local codes. Grease duct installed outside of the building shall be protected against accidental damage or vandalism. Support vertically installed grease duct from the building structure using rigid structural supports. Anchor supports to the structure by welding or bolting steel expansion anchors or concrete inserts. Support horizontally installed grease duct from the building structure using above method or use *Duct* Mate. Wire Rope & Clutchers, part numbers WR20 & CL20. 1/2" Threaded rod and saddles may also be used for the support of horizontal grease duct. Fans shall be supported independently from the grease duct sections. Protect grease duct from twisting or movement caused by fan torque or vibration

Grease duct installations require provisions for cleaning the interior of the duct. NFPA cleanout requirements are as follows:

- A cleanout must be provided at each change of direction except where the entire length of duct can be inspected and cleaned from either the hood or the discharge end.
- 2. On horizontal duct runs, at least one 20" diameter opening must be provided. Where the opening is smaller than 20" diameter, openings large enough to permit cleaning must be provided at intervals of no more than 12".
- 3. Openings must be at the side or the top, whichever is more accessible. When the opening is on the side of the duct, the lower edge of the opening must be at least 1 ½" above the bottom of the duct. For listed grease duct, this is accomplished by the use of the grease manifold tee and cleanout cap. See Detail E
- 4. On vertical duct runs where personnel entry is possible, access must be from the top of the riser. Where entry is not possible, access must be provided at each floor.

