

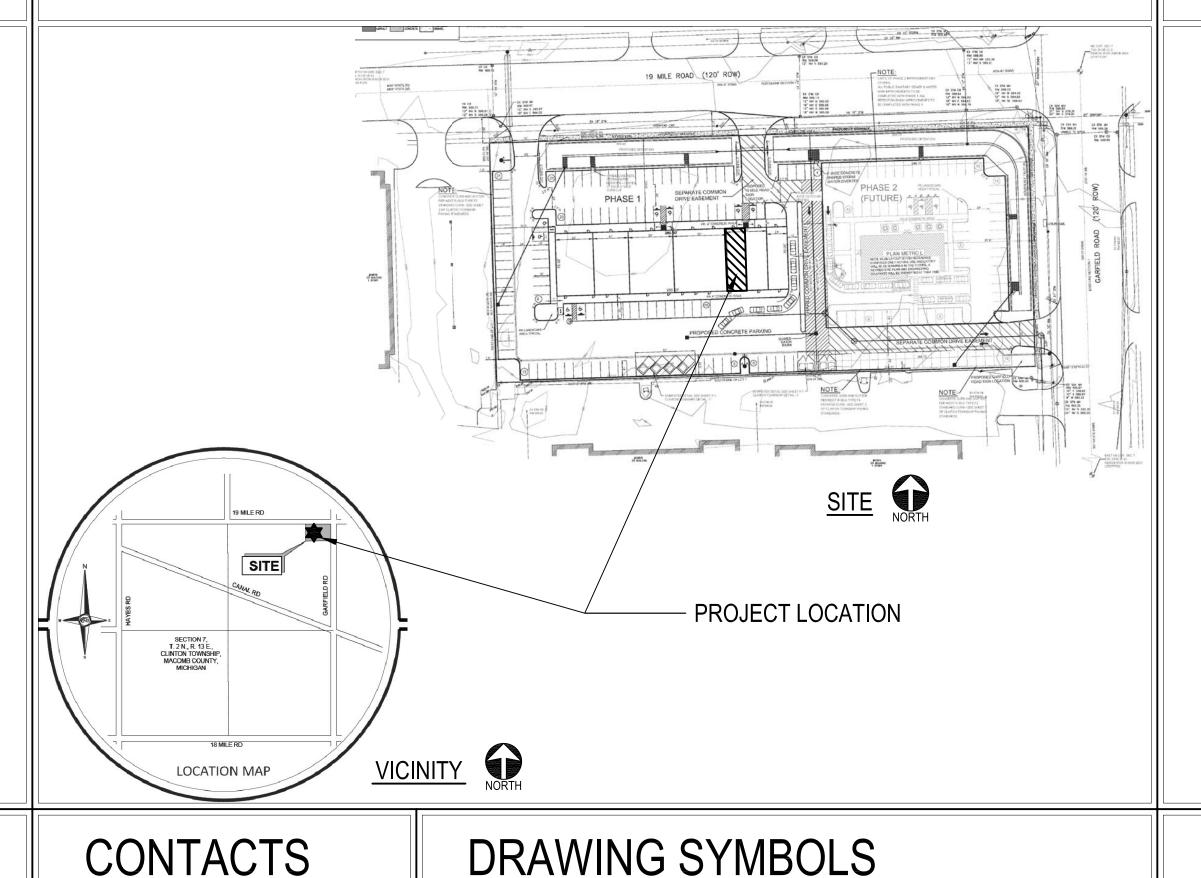
TILSLEY

GENERAL NOTES

- IN THE CASE OF A STRIP CENTER RENOVATION, WHERE APPROXIMATE DIMENSIONS ARE INDICATED (+/-) THEY SHALL BE CONSIDERED VARIABLE TO ALLOW FOR EXISTING CONDITIONS. ALL OTHER DIMENSIONS SHALL BE CONSIDERED FIXED UNLESS MODIFIED BY A PROPERLY EXECUTED CHANGE ORDER.
- IT IS THE G.C.'S RESPONSIBILITY TO MAKE SURE THAT ALL WORK ON THE PREMISES COMPLIES WITH THE CONSTRUCTION GUIDELINES.
- ANY DISCREPANCIES WHICH SHOULD BECOME APPARENT DURING THE COURSE OF CONSTRUCTION SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT.
- PROPOSED SUBSTITUTIONS SHALL BE SUBMITTED TO THE ARCHITECT. THE PROPOSAL SHALL INCLUDE: MANUFACTURER'S CUT SHEET, COST CHANGE, TIME CHANGE AND IMPACT ON OTHER TRADES. APPROVAL WILL TAKE THE FORM OF A CHANGE ORDER.
- ALL CHANGE ORDERS MUST BE EXECUTED ON A PENN STATION CHANGE ORDER FORM WITH THE SIGNATURE OF THE FRANCHISOR IN ADDITION TO THE OWNER, CONTRACTOR AND ARCHITECT. SUBMIT CHANGE ORDERS TO FRANCHISOR FOR REVIEW. PROVIDE FULL INFORMATION REQUIRED FOR EVALUATION OF PROPOSED CHANGES, SUBSTANTIATE COSTS AND ADVISE AS TO EFFECT UPON PROJECT SCHEDULE. NO CHANGE ORDER SHALL BE VALID UNTIL SIGNED BY ALL FOUR PARTIES.
- ANY DEVIATION FROM THE CONSTRUCTION GUIDELINES WITHOUT A PROPERLY EXECUTED CHANGE ORDER SHALL BE THE SOLE FINANCIAL RESPONSIBILITY OF THE CONTRACTOR / SUPPLIER.
- PROVIDE TEMPORARY PROTECTION FOR INSTALLED PRODUCTS AND FINISHES TO PREVENT DAMAGE. ALL ITEMS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AT NO COST TO THE OWNER.
- PROJECT (INTERIOR / EXTERIOR AND ENTIRE SITE IF APPLICABLE) MUST BE CLEANED PRIOR TO PUNCH-LIST INSPECTION AND MUST BE LEFT IN OR RESTORED TO CLEAN CONDITION UPON PROJECT COMPLETION.
- ALL WORK SHALL BE GUARANTEED FOR ONE FULL YEAR FROM DATE OF COMPLETION AND OBTAINING CERTIFICATE OF OCCUPANCY.
- HVAC, PLUMBING AND ELECTRICAL SYSTEMS HAVE BEEN DESIGNED TO MEET PENN STATION REQUIREMENTS EACH SUB-CONTRACTOR SHALL REVIEW THE DRAWINGS AND SHALL IMMEDIATELY ALERT THE ARCHITECT AS TO ANY MODIFICATIONS THAT MAY BE REQUIRED TO COMPLY WITH LOCAL CODES OR EXISTING CONDITIONS. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL WORK DONE ON THE PREMISES SATISFIES ALL GOVERNING AGENCIES.

ARCHITECTURAL DRAWINGS ARE TYPICALLY DRAWN TO A REPRESENTATIVE SCALE WHICH IS NOTED ON EACH INDIVIDUAL DRAWING. THIS SCALING CAUSES THE DRAWING TO BE PROPORTIONAL IN ITS REPRESENTATION OF THE WORK. DRAWING REPRODUCTION METHODS ARE NOT CONSIDERED PERFECT, HOWEVER, AND EACH SUCCESSIVE PLOT, COPY OR BLUEPRINT MAY INTRODUCE A SLIGHT ERROR TO THE DRAWINGS. FOR THIS REASON NO PERSON SHOULD EVER USE A RULER, ARCHITECT'S SCALE OR ENGINEER'S SCALE AND ATTEMPT TO MEASURE ANY PORTION OF ANY DRAWING IN ORDER TO DETERMINE AN EXACT DIMENSION. NUMERICAL DIMENSIONS ARE GIVEN. IF THESE PROVE TO BE INSUFFICIENT OR CONTRADICTORY, THE CONTRACTOR MUST CONTACT THE ARCHITECT FOR FINAL VERIFICATION. WORK BASED UPON SCALED DIMENSIONS MAY BE SUBJECT TO REPAIR OR REPLACEMENT AT THE SOLE FINANCIAL RESPONSIBILITY OF THE CONTRACTOR.

VICINITY MAP



PROJECT INFORMATION

JURISDICTION

2015 Michigan Bldg Code - 2012 IBC

2017 Michigan Electrical Code 2017 NEC

2015 Michigan Mechanical Code - 2012 IMC

FACILITY IS FULLY ACCESSIBLE PER ICC A117.1 -2009,

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2015 Michigan Plumbing Code

ACCESSIBILITY

FIRE SUPPRESSION

- BUILDING IS FULLY SPRINKLED.

2009 ANSI AND ADAAG.

Clinton Township

CODES

Building Department 40700 Romeo Plank Rd.

Clinton Twp, MI 48038

SQUARE FOOTAGE

TENANT = 1.515 SQUARE FEET

CONSTRUCTION TYPE

- '2-B' - NON-COMBUSTIBLE

OCCUPANCY USE GROUP

A-2 ASSEMBLY TREATED AS 'B' OCCUPANCY DUE TO HAVING FEWER THAN 50 OCCUPANTS. BUILDING IS MIXED-USE, SEPARATED 1-HOUR RATED DEMISING WALLS REQUIRED

OCCUPANCY

28 SEATS

= 32 TOTAL BY COUNT

- POST OCCUPANCY IN CONSPICUOUS LOCATION PER LOCAL FIRE DEPARTMENT STANDARDS

STRUCTURAL INFO

NEW BUILDING SHELL, NEW PENN STATION RESTAURANT. EQUIPMENT WILL BE NEW AND WILL REQUIRE ADDITIONAL ROOF REINFORCING PER A4.1

PROJECT SCOPE:

THIS IS A COMPLETE BUILD-OUT OF A NEW TENANT SPACE INTO A PENN STATION RESTAURANT. SCOPE INCLUDES ARCHITECTURAL, FINISHES, MEP & KITCHEN HOOD SYSTEMS.

RESTAURANT OWNER Sean Marconi

Gratiot PS, LLC 4642 Deer Springs Ct. Rochester, MI 48306 Mobile: (248)561-7995 sean.marconi@gmail.com

DRAWING INDEX

Drawing No.	Drawing Description	ISSUED FOR PERMIT	_		
A1.0	TITLE SHEET	11-02-2022			_
A4.0	FLOOR PLAN	11-02-2022			_
A4.1	ROOF FRAMING PLAN	11-02-2022			_
A6.0	SECTIONS & DETAILS	11-02-2022			_
A7.0	INTERIOR ELEVATIONS	11-02-2022			_
A9.0	FINISHES	11-02-2022			/
A10.0	INTERIOR DETAILS	11-02-2022			0
A12.0	SIGNAGE	11-02-2022			_
K1.0	EQUIPMENT PLAN	11-02-2022			
M1.0	HVAC PLAN	11-02-2022			
M2.0	HVAC DETAILS	11-02-2022			
E1.0	POWER PLAN FLOOR	11-02-2022			
E2.0	POWER PLAN CEILING	11-02-2022			
P1.0	PLUMBING PLAN	11-02-2022			
P2.0	PLUMBING ISOMETRICS	11-02-2022			
H1.0	CAPTIVEAIRE SPECIFICATION SHEETS	11-02-2022			
H2.0	CAPTIVEAIRE SPECIFICATION SHEETS	11-02-2022			
H3.0	CAPTIVEAIRE SPECIFICATION SHEETS	11-02-2022			
H4.0	CAPTIVEAIRE SPECIFICATION SHEETS	11-02-2022			
H5.0	CAPTIVEAIRE SPECIFICATION SHEETS	11-02-2022			

NO SUBCONTRACTOR SHOULD BE PROVIDED WITH A PARTIAL SET OF PLANS FOR EITHER BIDDING OR CONSTRUCTION PURPOSES WITHOUT FIRST HAVING AMPLE TIME TO REVIEW A COMPLETE SET IN ORDER TO DETERMINE FOR THEMSELVES THE INFORMATION AND DOCUMENTATION THEY WISH COPIES OF. THERE ARE MANY CROSS-REFERENCES IN A SET OF CONSTRUCTION DOCUMENTS. ONLY HAVING A PARTIAL SET WILL NOT BE ACCEPTED AS AN EXCUSE FOR DELAYS OR INCOMPLETE WORK.

ABBREVIATIONS

Dept Dia. or Ø Pound or Number Plus or Minus Anchor Bol Air Conditioning Acoustical Above Finish Floo Above Finish Grade Approximate Architect(ural Asphalt Catch Basin C/C or C.C. Center to Cente Compact(ed) Construction Continuous Corridor

Control Joint

Diameter
Drinking Fountair
Division Dead Load Expansion Jo Electrical Electrical Pane

Equipment Electric Water Coole Face Brick Floor Drain Fire Extinguishe Fire Extinguisher Cabinet Fire Hose Cabinet

Fully Tempered

Fire Resistani Fire Retardant Treated Fiber Reinforced Plastic Floor Sink Flexible Sheet Roofing

Hose Bibb Height Hollow Metal Heating, Ventilation, A/0 Insulation Iron Pipe Syster Janitor's Close

Laminate

Light Weight

Long Leg Horizontal

Grab Bar

Granular

Glass/Glazino

Not To Scale Overall On Center **Outside Diamete** Overflow Drain Opening Opposite Out To Out Particle or Partia Plastic Laminate Plumbing Plywood Panel Pressure Treated Ptn. of Partn Partition Return Air Radius Roof Drain

Rough Opening Rain Water Collector

Medicine Cabine Mechanical

Miscellaneous

Masonry Opening

Manufacture

Man Hole

Metal Mulliion

Not Applicable

Not In Contract

Necessary

T/W or T.O.W. U.N.O. Required Resilient

Standard Steel Storage Structural Top and Bottom Through Tube Steel Television T/S or T.O.S. Vitrified Clay Pipe Vinyl Composition Til Vapor Barrier Water Close Wood Wide Flange Wrought Iron Window

Waterproof

Wire Mesh

Water Value

Water Resistant

South Schedule Section Square Footage

Stainless Steel

REVISION TRIANGLE & CLOUD ELEVATION, WORK POINT, DATUM MATCH LINE SECTION REFERENCE

REFERED TO DRAWING
REFERED SHEET NO.

WINDOW REFERENCE (LETTER PARTITION TYPE REFERENCE

ELEVATION REFERENCE

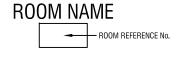
DETAIL REFERENCE

BUILDING & COLUMN TAGS

Diamond denotes outside face

of masonry or stud (if siding)

Circle denotes column line



ROOM REFERENCE

KEY NOTE TAG

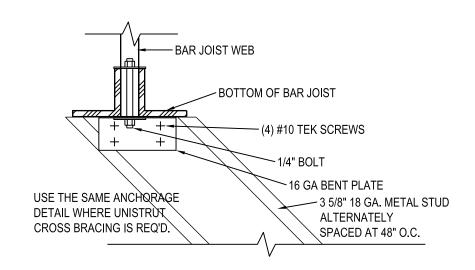
FINISH TAG

TITLE SHEET

SED ARCH

11/02/22 S.Rogers N.A.

A1.0

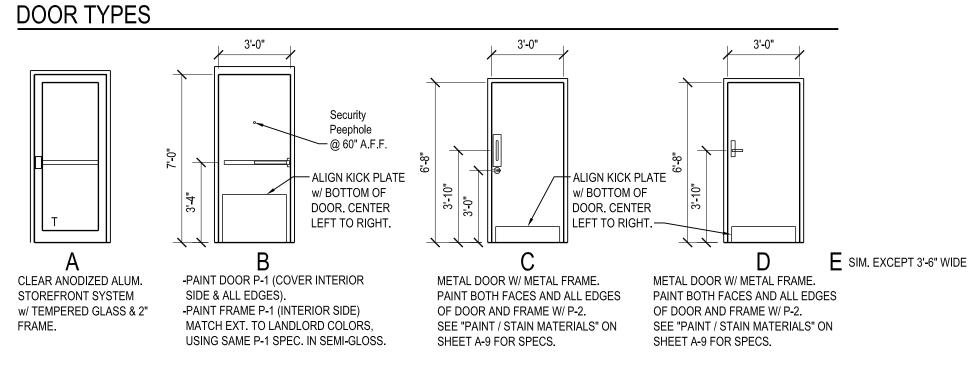


TYPICAL WALL & BULKHEAD BRACING @ BAR JOIST

DC	OR SCHE	DULE (#))		# = TYPE. THERE MAY BE MORE THAN ONE DOOR PER EACH TYPE LISTED.		
CODE	SIZE	MATERIAL	TYPE	FRAME	HARDWARE	CLOSER	NOTES
1	3'0" x 7'0" x 1 3/4"	ALUM & GLASS	Α	ALUM	PANIC BAR LATCH DEVICE COMPATIBLE WITH EXISTING DOOR.	EXIST	1, 3, 4
2	3'0" x 7'0"x 1 3/4"	METAL	В	METAL	VON DUPRIN SERIES 22 RIM DEVICE w/ 299 STRIKE IN SP28 FINISH AND CORBIN	EXIST	3 & 5
					RUSSWIN 3000-200-6-L4-626 RIM CYLINDER. PROVIDE VON DUPRIN 22NL-F PULL		
					DEVICE AND A LATCH GUARD IN ALUMINUM FINISH. SWEEP, THRESHOLD,		
					WEATHERSTRIP, DRIP CAP & PEEPHOLE. 190S 24"x34" KICK PLATE INTERIOR SIDE.		
3	3'0" x 6'8" x 1 3/4"	METAL	С	METAL	SCHLAGE: PUSH PLATE (630 FINISH), 1 1/2 PR HINGES (652 FINISH), HAGER: 4" X 16"	NEW	2
					34J PULL PLATE -INCL. 10" 4J PULL (630 FINISH), 190S 8"x34" KICK PLATE BOTH SIDES		
					(630 FINISH), FALCON: D271K LOCK W/ 2" ACCESSIBLE LEVER (630 FINISH).		
4	3'0" x 6'8"x 1 3/4"	METAL	D	METAL	SCHLAGE: RHODES LEVERS, (1) - LOCKSET (STORAGE FUNCTION).	NEW	2
					ALL 630 FINISH. CLOSET SIDE ALWAYS UNLOCKED.		
5	3'6" x 6'8"x 1 3/4"	METAL	E	METAL	SCHLAGE: RHODES LEVERS, (1) LOCKSET (ENTRANCE FUNCTION).	NEW	2
					ALL 630 FINISH. PREP AREA SIDE ALWAYS UNLOCKED.		
						1	

DOOR SCHEDULE NOTES:

- SEE DOOR & WINDOW SPECIFICATIONS FOR PANIC DEVICE. IF ANOTHER TYPE IS REQUIRED FOR THE EXISTING DOOR, IT MUST MATCH THE PERFORMANCE SPECIFIED. AT ALL DOORS THAT REQUIRE A STOP, PROVIDE HAGER 237W 630 FINISH CONCAVE WALL TYPE, MOUNT AT HEIGHT OF THE DOOR HARDWARE, PROVIDE BLOCKING.
- UPGRADE / REPAIR EXISTING HARDWARE TO HARDWARE SPECIFICATION SHOWN.
- PROVIDE CHAIN GUARD SET @ 120 deg.



DOOR AND WINDOW SPECIFICATIONS

ALL EXTERIOR GLAZING IS EXISTING. FOR PURPOSES OF COMPARISON, ALL STOREFRONT IS SIMILAR TO THE FOLLOWING: "ALL ALUMINUM STOREFRONT SHALL BE CLEAR ANODIZED AND ALL GLAZING FOR DOORS & WINDOWS SHALL BE 1" INSULATED PANELS (EXCEPTION WOULD BE IN ORDER TO MATCH EXISTING STOREFRONT SYSTEM). ALL FRAMES SHALL BE EQUAL TO KAWNEER TRI-FAB 451-T (EXTRUDED SUB-SILL INCLUDED) USE SERIES 190 NARROW-STILE DOOR OR EQUAL WITH INTER-MEDIATE OFFSET PIVOTS. SURFACE CLOSERS SHALL BE EQUAL TO LCN #1074. HARDWARE SHALL BE EQUAL TO F-2 STYLE PUSH/PULL W/ THUMB-TURN NIGHT BOLT. PANIC DEVICES (WHERE REQUIRED) SHALL BE EQUAL TO DOR-O-MATIC 1990 CONCEALED ROD EXIT DEVICE WITH G-2 PULL."

DOOR CLOSER

REFER TO FLOOR PLAN

MODEL - 8501-690 BY NORTON NOTE: CLOSERS MUST BE ORDERED HAND SPECIFIC,

W	ALL TYPES	s —	= NEW WALL			
CODE	TITLE	FRAMING	MATERIAL - SEE "FLOOR PLAN NOTES" THIS SHEET	NOTES		
1	DEMISING WALL	METAL STUDS	1 LAYER OF 5/8" TYPE 'X' GYPSUM BOARD EACH SIDE & INSULATION	1 & 3		
2	EXTERIOR WALL	6" METAL / BRICK VENEER	EXISTING FRAMING & INSULATION	4		
3	PARTITION WALL	3-5/8" METAL	1/2" GYPSUM BOARD BOTH SIDES	2		
4	PARTITION WALL	6" METAL	1/2" GYPSUM BOARD BOTH SIDES	2		
5	PARTITION WALL	3-5/8" METAL	1/2" GYPSUM BOARD BOTH SIDES w/ INSULATION	2		
6	PARTITION WALL	6" METAL	1/2" GYPSUM BOARD BOTH SIDES w/ INSULATION	2		
7	FURRED WALL	1-5/8" METAL	1/2" GYPSUM BOARD ONE SIDE	2		

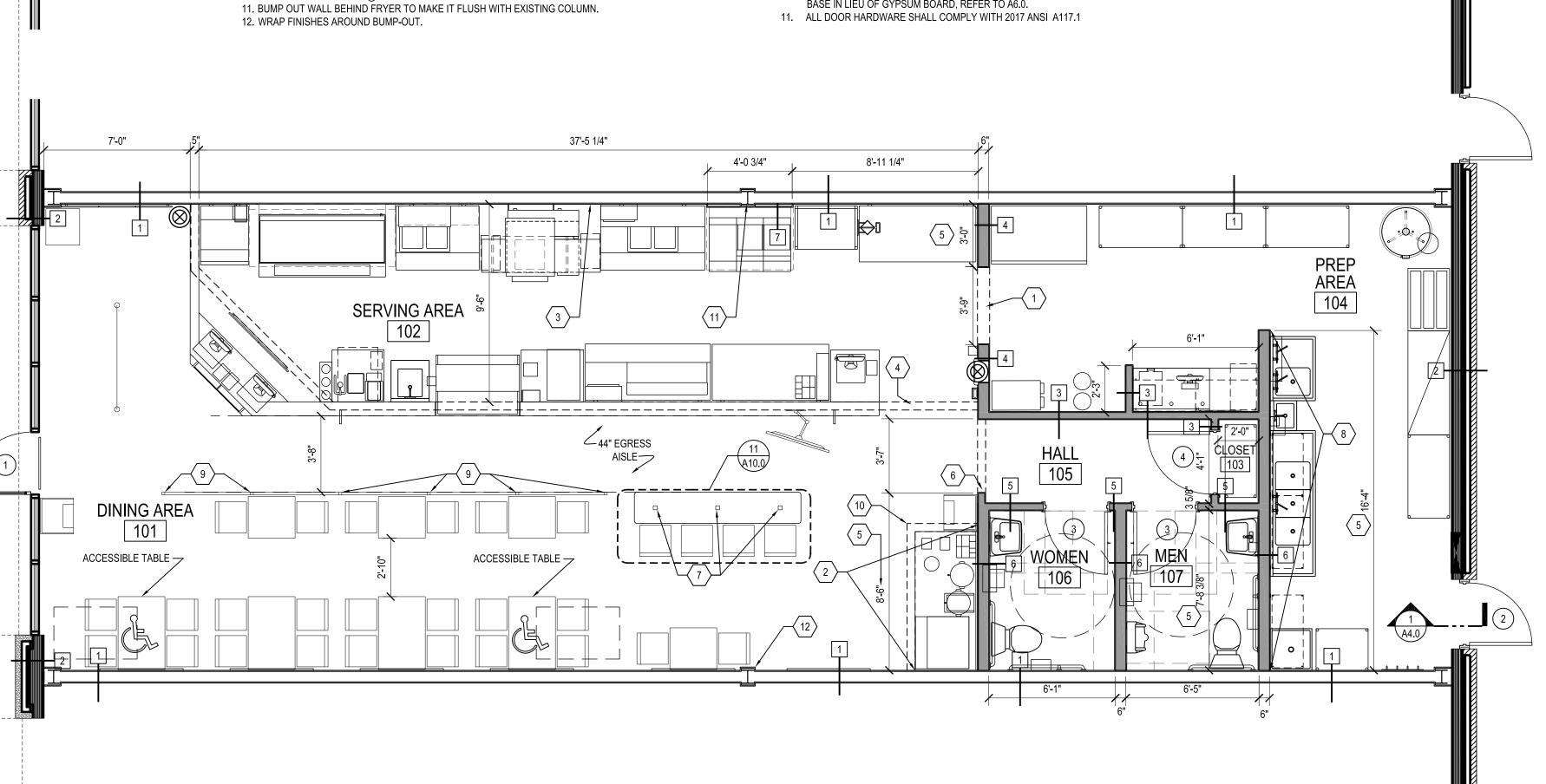
- WALL TYPE NOTES: 1. 1-HR RATED WALL TO ROOF DECK PER UL U419
- 2. GYPSUM BOARD, 3" ABOVE CEILING.
- 3. ANY CEMENT BOARD INSTALLED IN A FIRE-RATED ASSEMBLY MUST BE 'DUROCK NEXT GEN' TO CONFORM WITH UL
- REQUIREMENTS FOR 1 OR 2 HOUR RATED WALLS.
- 4. EXISTING WALL. REPAIR ANY DISTURBED INSULATION OR GYPBD AS REQUIRED.

FLOOR PLAN KEYED NOTES

- 1. HEADER = 7'-4" A.F.F. WRAP JAMB AND HEADER W/ FRP-1. STAINLESS STEEL CORNERS-CASHIER'S SIDE, FRP CORNERS- PREP SIDE. NOTES 3 & 7 ON SHEET A9.0
- 2. PROVIDE 16" OF CEMENT BOARD AT BOTTOM OF WALL BEHIND AND ON SIDE OF BEVERAGE TABLE. SEE DETAIL 3/A6.0 & SHEET A9.0.
- 3. REFER TO 14/A10.0 FOR SPECIAL WALL TREATMENT BEHIND COOK LINE. 4. BULKHEAD ABV. PREFABRICATED SERVING COUNTER. REFER TO SECTION 7/A6.0.
- 5. THIS DIMENSION IS FROM FINISHED FACE OF GYPSUM BOARD TO EDGE OF METAL STUD.
- 6. 3 5/8" METAL STUD SOFFIT. REFER TO DETAIL 14/A6.0. 7. CORED FLOOR PENETRATION REQUIRED FOR SEATING COUNTER POSTS. 4" DIA MAX CORE. DO
- OT CORE FOR POSTS UNTIL THE TILE IS INSTALLED. SEE P1.0. 8. PROVIDE 1/2" CEMENT BOARD - FULL HEIGHT - ON PLUMBING WALL IN PREP AREA.
- 9. SEE DINING RAIL DETAILS 13 & 13B/A6.0. SEE P1.0 FOR CORED FLOOR PENETRATION. DO NOT
- CORE FOR POSTS UNTIL THE TILE IS INSTALLED.
- 10. $\overline{3\,5/8}$ " METAL BULKHEAD @ BEV. STATION. REFER TO DETAIL 8/A6.0 & SHEET E2.0.

FLOOR PLAN NOTES

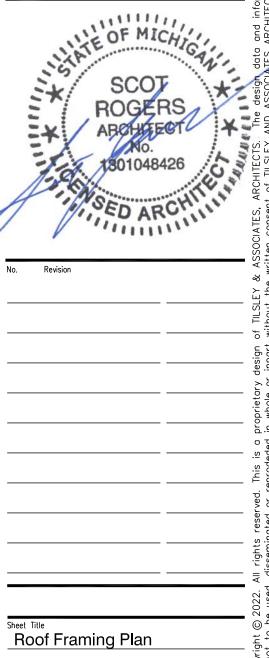
- ALL METAL STUD FRAMING IS 20 GAGE @ 16" O.C. UNLESS NOTED OTHERWISE. RESTORE or PROVIDE NEW INSULATION MATERIALS IN EXTERIOR & DEMISING
- WALL(s) AFTER INSTALLING PENN STATION UTILITIES.
- PROVIDE BLOCKING IN ALL PARTITIONS WHERE REQUIRED FOR SUPPORT OF
- EQUIPMENT, FIXTURES, ETC. REFER TO BLOCKING SCHEDULE ON SHEET K1.0. 4. ALL DIMENSIONS ARE STUD DIMENSIONS UNLESS NOTED OTHERWISE (I.E. FIN. =
- FINISHED DIMENSION). REFER TO SHEET A7.0 FOR RESTROOM ELEVATIONS.
- REFER TO SHEET P1.0 FOR FLOOR PENETRATIONS.
- REFER TO SHEETS A6.0 & E2.0 FOR SOFFIT INFORMATION. 8. PROVIDE 2" x 2" FRP OUTSIDE CORNER GUARD AT ALL FRP OUTSIDE CORNER
- CONDITIONS UNLESS NOTED OTHERWISE. SEE SPEC. A-4 ON SHEET A.9. 9. RETURN FINISHES TO ALL WINDOW & DOOR FRAMES.
- 10. ALL WALLS RECEIVING FRP & S.S. ARE TO HAVE 16" OF CEMENT BOARD AT THE
- BASE IN LIEU OF GYPSUM BOARD, REFER TO A6.0.



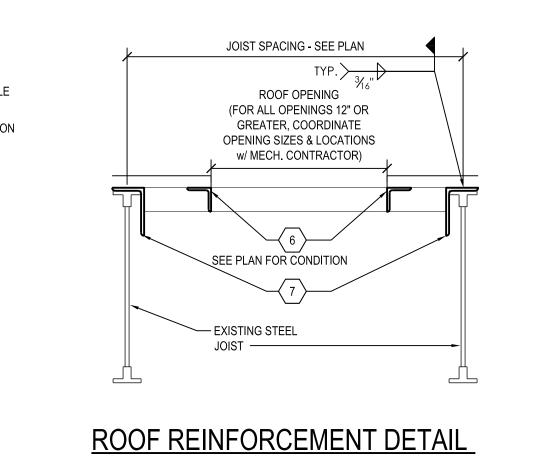


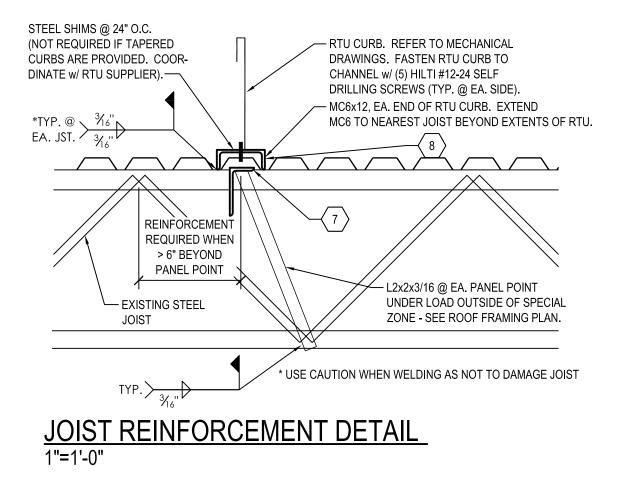
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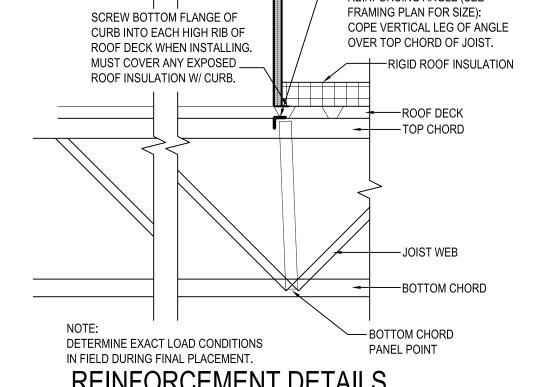
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11/02/22







- REINFORCING ANGLE (SEE

REINFORCEMENT DETAILS 1"=1'-0"

ROOF FRAMING PLAN KEYED NOTES (#)

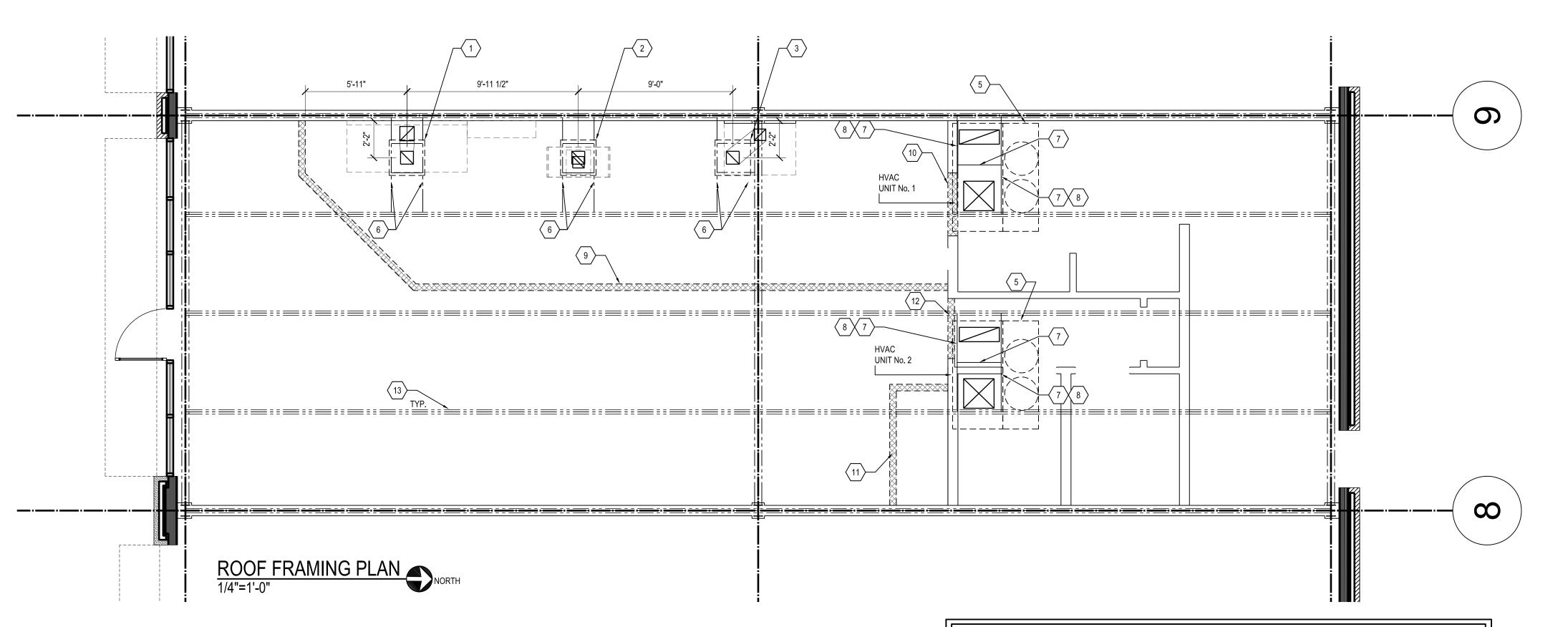
- 1. ROOF TOP GRIDDLE FAN & CURB (EF-1): 125 lbs GRIDDLE HOOD HUNG FROM JOISTS (H-1): 363 lbs (VERIFY w/ AIR SOLUTIONS)
- 2. ROOF TOP OVEN FAN & CURB (EF-2): 100 lbs OVEN HOOD HUNG FROM JOISTS (H-2): 222 lbs (VERIFY w/ AIR SOLUTIONS)
- 3. ROOF TOP FRYER FAN & CURB (EF-3): 110 lbs FRYER HOOD HUNG FROM JOISTS (H-3):

4. ROOF TOP MAKE UP AIR UNIT & CURB (SF 1): 687 5. NEW DOAS HVAC UNIT & CURB: 1335 lbs

- 6. L2x2x5/16 STEEL REINFORCING ANGLE, REFER TO "ROOF REINFORCMENT DETAIL" ON THIS SHEET.
- 7. L6x6x3/8 STEEL REINFORCING ANGLE, REFER TO "JOIST REINFORCING DETAIL" ON THIS SHEET.
- 8. MC6x12 STEEL REINFORCING CHANNEL ON DECK, REFER TO "JOIST REINFORCING DETAIL" ON THIS SHEET.
- 9. SERVING AREA SOFFIT (SHOWN HATCHED): 20 lbs / lin. ft. x 45 ft. = 900 lb load. SHOWN FOR REFERENCE, REFER TO E2.0.
- 10. CASHIER AREA BULKHEAD (SHOWN HATCHED). SHOWN FOR REFERENCE, REFER TO E2.0.
- 11. BEV TABLE SOFFIT (SHOWN HATCHED): 20 lbs / lin. ft. x 10 ft. = 200 lb load.
- SHOWN FOR REFERENCE, REFER TO E2.0. 12. HALLWAY SOFFIT (SHOWN HATCHED)
- SHOWN FOR REFERENCE, REFER TO E2.0. 13. EXISTING STRUCTURE, VERIFY SIZE AND LOCATION IN FIELD.

ROOF FRAMING PLAN NOTES

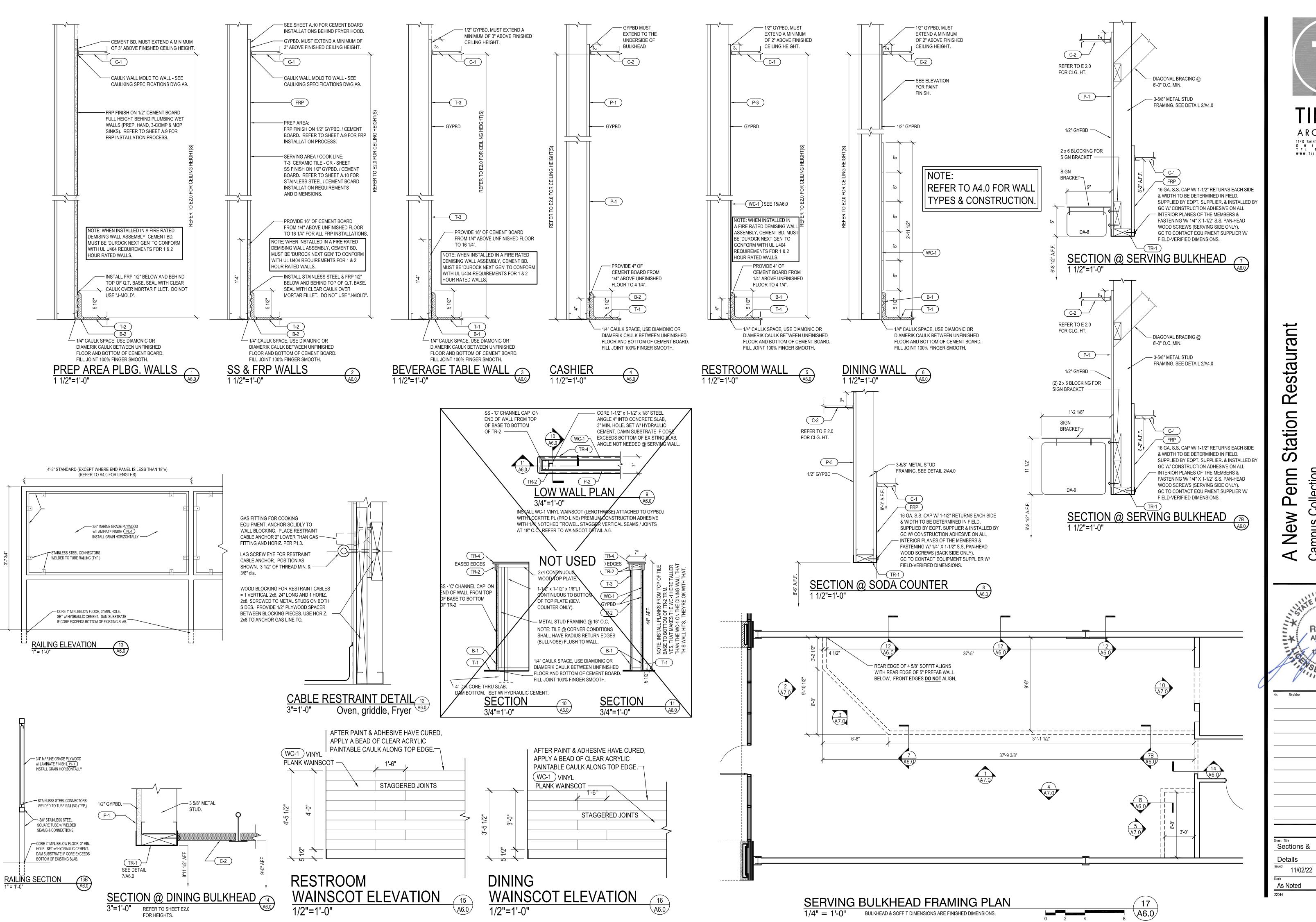
- 1. ALL STEEL ANGLE SIZES SHOWN ON THE PLAN HAVE HISTORICALLY WORKED FOR THIS APPLICATION. STRUCTURAL ENGINEER'S REVIEW LETTER AVAILABLE.
- WEIGHT OF EQUIPMENT CALLED OUT IN "ROOF FRAMING PLAN KEYED NOTES" DOES NOT FACTOR IN DUCTWORK, REINFORCING ANGLES, UNISTRUT FRAMING OR AMOUNT OF ROOFING / DECKING BEING REMOVED FOR INSTALLATION.
- 3. ROOF JOISTS ARE SHOWN FOR CONVENIENCE ONLY! JOIST LOCATIONS ARE
- CLOSE TO ACTUAL LOCATIONS, VERIFY IN FIELD. 4. JOIST ELEMENTS SHALL NOT BE CUT FOR INSTALLATION OF HVAC UNITS, MAKE-UP AIR UNIT, EXHAUST FANS, DUCTWORK, CONDUITS, ETC.



FRAMING NOTE:

WHEN FRAMING WALLS BELOW ANY TYPE OF TRUSSES, DO NOT SUPPORT TRUSSES EXCEPT AT VERTICAL OR POINT LOAD LOCATIONS.

S.Rogers



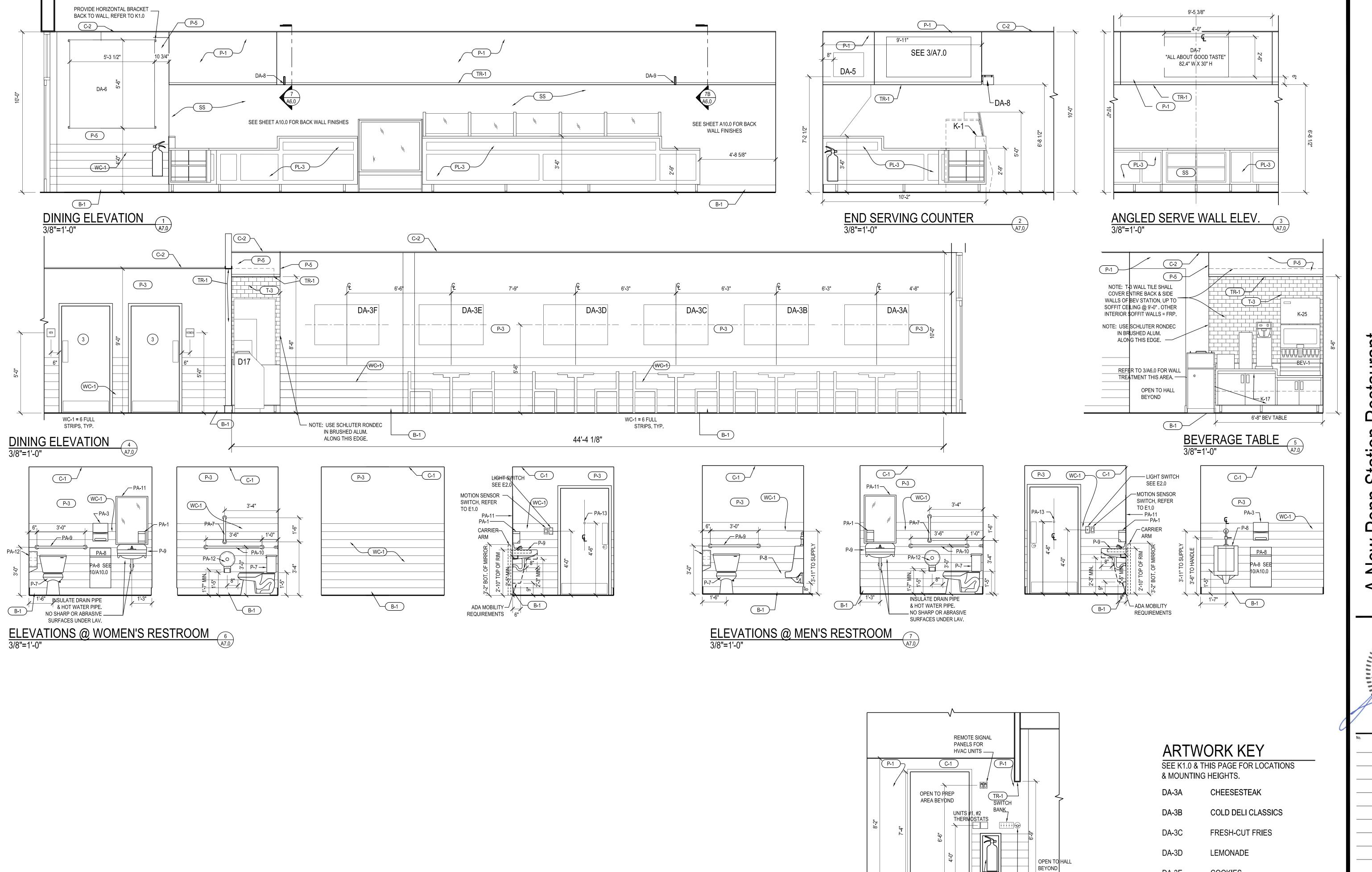


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A New Penn Station Restaurant
Campus Collection
19 Mile & Garfield
Clinton Twp, MI 48038

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<i>C</i>	SCOT ROGER ABOHUTE No. 13010484	HIGANIA CHITTINA	reserved. This is a proprietary design of TILSLEY & ASSOCIATES, ARCHITECTS. The design data and information ated or reprodeded in whole or inpart without the written consent of TILSLEY AND ASSOCIATES ARCHITECTS, LLC
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COOKIES

BREAD

CHICKEN CORDON BLEU

DA-3F

ANSUL DULL

FIRE EXTINGUISHER — CABINET

CASHIER'S AREA ELEVATION
3/8"=1'-0"

. – .									
CODE	DESCRIPTION	SIZE	TYPE	MANUFACTURER	COLOR	GROUT	DYNAMIC COEFFICIENT OF FRICTION	REMARKS	
T-1	PUBLIC TILE	12" x 24"	PORCELAIN	FLORIDA TILE	P.S. GRAY	TEC. ACCUCOLOR: #929 CHARCOAL	ANSI A137.1= ≥ 0.42	$\frac{1}{3}$ OFFSET TILE PATTERN	
T-2	KITCHEN TILE	6" x 6" ABRASIVE	QUARRY TILE	METROPOLITAN	DARK GRAY	1 120.71000002011. 1/020 011/11100/12	ANSI A137.1 - 2012 BOT 3000 = ≥ 0.75	-	
(B-1)	TILE BASE	6" H.	QUARRY TILE	FLORIDA TILE	RAVEN	TEC. ACCUCOLOR: #929 CHARCOAL	-	-	
B-2	TILE BASE	6" H.	QUARRY TILE	METROPOLITAN	DARK GRAY	TEC. ACCUCOLOR: #929 CHARCOAL	-	-	

THINSET: USE SUMMITVILLE LATEX ADHESIVE ADDITIVE - S710 LATEX MODIFIED GROUT. 1/8" GROUT JOINTS @ DINING. 1/4" GROUT JOINTS @ QUARRY TILE. CUSTOM PENN STATION FLOOR TILE PACKAGE INCLUDING TILE BASE & GROUT.

CONTACT FLORIDA TILE (BRANDY ROBERTS) @ (859) 282-5400, (EMILY FISCHER) @ (513) 824-1791 OR PENN STATION (KIRK DURCHHOLZ) (513) 474-5957

NOTE: ALL TILE NEEDS TO BE ORDERED THREE WEEKS IN ADVANCE

WA	WALL FINISH MATERIALS									
CODE	DESCRIPTION	MANUFACTURER	MODEL / SIZE	COLOR	REMARKS					
(WC-1)	VINYL PLANK FLOORING WAINSCOT	ALLURE TRAFFIC MASTER GRIP STRIP	6" x 36" SHOWN THIS DRAWING	CHERRY 12012, SKU# 107-971	REFER TO DETAILS / ELEV. ON A.6 - CUT ADHESIVE STRIP OFF LONG SIDE OF 6" PLANK PRIOR TO APPLICATION. USE 'TITEBOND' (FAST GRAB) FRP ADHESIVE WITH 1/4" NOTCHED TROWEL. STAGGER VERTICAL SEAMS / JOINTS @ 24" O.C.					
(FRP)	WALL PANEL	MARLITE	FRP PANELS	P-100 WHITE	CLASS A FIRE RATING ASTM E-84 WITHIN 18" OF HOODS					
S.S.	WALL PANEL	-	STAINLESS STEEL SHEETS	STAINLESS STEEL	REFER TO THIS SHEET & CAPTIVEAIRE SHOP DRAWINGS FOR LOCATIONS - S.S. PANELS INCLUDED WITH HOOD PACKAGE PURCHASED AND SUPPLIED BY OWNER. CONTACT AIR SOLUTIONS: JOE HERTENSTEIN (513-860-5555) WITH QUESTIONS.					
(T-3)	WALL TILE	-	3 X 6 GLAZED CERAMIC TILE	GLOSS WHITE	RUNNING BOND PATTERN @ BEV. STATION REAR & SIDE WALLS					

CONTRACTOR MUST SUBMIT ASTM-E DOCUMENTS. MUST USE SOLVENT-BASED ADHESIVE ON FIRE-RATED MATERIAL. YOU MAY USE LATEX-BASED ADHESIVE AS AN

ALTERNATE ONLY ON DRYWALL SURFACES. NOTE: LOCTITE HAS SEVERAL LOW V.O.C. PRODUCTS

CEI	CEILING FINISH MATERIALS								
CODE	DESCRIPTION	MANUFACTURER	MODEL / SIZE	COLOR	REMARKS				
(C-1)	CEILING PANEL	CERTAINTEED	VINYLROCK X 1140-CRF-1 / 24" x 48"	WHITE	USDA ACCEPTED FOR USE IN FOOD PROCESSING AREAS.				
C-2	CEILING TILE	CERTAINTEED	SHM-154, 24" x 24" x 5/8"	WHITE	IN DINING & HALL AREAS WHERE INDICATED ON E2.0. STYLE: SAND MICRO				

CEILING GRID IN AREAS C-1 & C-2 SHALL BE SPECIFIED & INSTALLED AS:

MFR. ROCKFON, SYSTEM STYLE: CHICAGO METALLIC 200 SNAP GRID, 15/16" EXPOSED, INTERMEDIATE DUTY (ID), COLOR: WHITE-1 ORDER C-2 GRID & PANEL SYSTEMS EARLY, LONG LEAD TIMES POSSIBLE. FOR PRODUCT INFORMATION & AVAILIBILITY CALL NATHAN KLEINE @ (513) 326-1264

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ы	ASTIC I	AMINAIL	/ POI	YRESIN	FINISH	MATERIAL	S

· L/	(O 1 1 O L) ((VIII 4) (1 L			IVI) (TEI (I) (EO	
CODE	DESCRIPTION	MANUFACTURER	FINISH	COLOR	REMARKS
(PL-1)	LAMINATE	WILSONART	MATTE	WINDSOR MAHOGANY #7039-60	LOCATED AT TABLE TOPS & WASTE RECEPTACLES
PL-2	LAMINATE	FORMICA	MATTE	WHITE #949-58	LOCATED AT OFFICE COUNTER
PL-3	LAMINATE	FORMICA	SPARKLE FINISH	BLACK #909-42	LOCATED AT PRE-FAB SERVING WALL

	MAI	NUFACTURED A	CCESSOF	MARLITE CORP. (800) 377-1221		
	CODE	DESCRIPTION	MANUFACTURER	MODEL / SIZE	COLOR	REMARKS
((A-1)	ZIP STRIP or TEAR-OFF BEAD	CO-TRIM TECH.	-	-	USE ON ALL RETURNS TO WINDOW OR DOOR FRAMES.
((A-2)	INSIDE CORNER GUARD	MARLITE	#M-350 FP / 3/4"	WHITE	APPLIED @ ALL FRP INSIDE CORNER CONDITIONS
((A-3)	OPEN				
((A-4)	OUTSIDE CORNER GUARD	MARLITE	#M-960 FP / 2" x 2"	WHITE	APPLIED @ HIGH ABUSE FRP CORNERS, UNLESS NOTED OTHERWISE.
((A-5)	CAP EDGING or J-MOLD	MARLITE	#M-370 FP / 1/2" x 5/16"	WHITE	APPLIED WHERE FRP MEETS A DIFFERENT WALL FINISH (EXCEPT B-2)
((A-6)	DIVISION MOLDING	MARLITE	#M-365 FP / 1"	WHITE	APPLIED @ ALL BUTT JOINT CONDITIONS

CONTACT COMMERCIAL SALES @ (330) 343-6621 FOR MARLITE ORDERS AND PRODUCT INFORMATION. USE MODEL / SIZE CODE #'S & QUANTITIES WHEN ORDERING. ORDER EARLY, POSSIBLE LONG LEAD TIME

	CODE	DESCRIPTION	SIZE (ACTUAL)	COLOR	REMARKS
	TR-1	BULKHEAD TRIM, SOFFIT TRIM	16 GA. STAINLESS STEEL	S.S.	REFER TO A6.0, A7.0 ALSO USED AT BEV TABLE BULKHEAD
	TD2			D_4	REFER TO 46.0
Ľ	$\frac{1}{\sqrt{11}}$	TTAIIVI	1 1/2 X 1/2 W/ LAGED EDGES	1 7	NETER TO A0.0
L		DINING BUILKUEAD TOIM		D 4	DEEED TO AGO
Г		DIMINO DOLKITLAD TRIIVI	1 X 0 OAK W/ LAOLD LDOLO	1	NEI EN TO AU.
		HALE WALL CAD		D.4	DEFED TO AGO
		TIALI WALL OAI	1 X O OAK W/ LAGED EDGES	1 -4	NEI EN TO AU.

CONTACT KIRK DURCHHOLZ (513) 474-5957 w/ ANY QUESTIONS.

ROO	M FINISH SCHEDU	LE					
	NTIFICATION	FLOOR	BASE	WALL	CEILING	CEILING	REMARKS
CODE	NAME				MATERIAL	HEIGHT	
101	DINING AREA	T - 1	B-1	P-1, P-3, P-5 & WC-1	C - 2	10'-0"	-
102	SERVING AREA	T - 2	B - 2	S.S.	C-1	8'-2"	-
103	CLOSET	T - 2	B - 2	FRP	C - 1	9'-0"	-
104	PREPERATION AREA	T - 2	B - 2	FRP	C - 1	10'-0"	-
105	HALL	T - 1	B - 1	P-3, WC - 1	C - 2	9'-0"	-
106	WOMEN	T - 1	B - 1	P-3, WC - 1	C - 1	8'-0"	-
107	MEN	T - 1	B - 1	P-3, WC - 1	C - 1	8'-0"	

NOTE: RETURN ALL FINISHES TO ALL WINDOW AND DOOR FRAMES.

FINISH PLAN KEYED NOTES \bigcirc

- (1) GRAY URETHANE CAULK BETWEEN SCHLUTER TRIM AND THRESHOLD.
- (2) FLOOR TILE TRANSITIONS LINE.
- (3) USE FRP 2"x2" CORNERS IN PREP AREA. PROVIDED & INSTALLED G.C. SEE MANUFACTURED ACCESSORY MATERIALS SPEC A-4 ON SHEET A.9.
- 4 PROVIDE 1'-4" OF CEMENT BOARD AT THE BOTTOM OF THE WALL BEHIND BEVERAGE COUNTER. REFER TO DETAIL 3/A.6.
- (5) REFER TO A10.0 & CAPTIVEAIRE SHOP DRAWINGS ('H' SHEETS) FOR SPECIAL WALL TREATMENT BEHIND COOK LINE.
- (6) LOCATION OF MOP SINK. REFER TO 2/A10, 3/A10 FOR DETAILS.
- $\langle 7 \rangle$ 2" x 2" STAINLES STEEL CORNER GUARDS FROM TOP OF BASE AROUND ENTIRE PERIMETER OF OPENING TO SERVING AREA. WRAP JAMB WITH FRP. PROVIDED AND INSTALLED G.C.
- (8) REFER TO SECTION 1/A.6 FOR 1/2" CEMENT BOARD FULL HEIGHT AT PLUMBING WALLS.
- 9 2" x 2" STAINLESS STEEL CORNER GUARD. 9A = 16GA SS 'C' CHANNEL @ END OF WALL W / 2" RETURNS EACH SIDE. SIM TO TR-1.
- (10) PRE-FAB WALL HAS 2 DROPS TO CONCEAL PLUMBING PIPES / CONDUITS. FILL THESE AREAS WITH TILE SCRAPS / GROUT FOR A FLUSH FINISHED FLOOR. REFER TO P1.0 FOR LOCATIONS. SEE FABRICATOR'S SHOP DRAWINGS. S/S SLEEVES FROM BOTTOM OF WALL TO FLOOR ARE PROVIDED.
- (11) CORED FLOOR PENETRATIONS REFER TO P1.0.
- (12) REFER TO P1.0 FOR CLEAN-OUTS & DRAIN PENETRATIONS.

NOTE: IF MAKING FIELD CUTS TO S/S/ CORNER PIECES, ALWAYS ABUT THE CUT EDGE TO THE TOP OF THE QUARRY TILE BASE. FACTORY CUT END IS ALWAYS 'UP'!

\$\langle 13 \rangle STAINLES STEEL CORNER GUARDS FROM TOP OF BASE AROUND ENTIRE PERIMETER OF DOOR OPENING. 1 1/2" LEG @ PREP SIDE OF CORNER & RETURN LEG INSIDE OPENING TO THE JAMB OF THE DOOR FRAME ITSLEF.

PAINT / STAIN MATERIALS

CODE	DESCRIPTION	LOCATION(s) USED		PRIMER		FINISH PAINT						
CODE	DESCRIPTION	LOCATION(8) COLD	PRODUCT	MANUFACTURER	COLOR			COLOR	FINISH	REMARKS		
(P-1	PAINT or PRIMER	SERVING AREA BULKHEAD AND ALL DINING WALLS FACING PARALLEL TO FRONT OF STORE	PRO-CRYL UNIVERSAL PRIMER B66-310	SHERWIN WILLIAMS	DARK GRAY	PRE-CATALYZED EPOXY	SHERWIN WILLIAMS	SW 6005 FOLKSTONE	EGG-SHELL	-		
P-2	PAINT or PRIMER	METAL DOORS, INTERIOR METAL DOOR FRAMES (EXPOSED COLUMNS)	PRO-CRYL UNIVERSAL PRIMER B66-310	SHERWIN WILLIAMS	OFF WHITE	PRE-CATALYZED EPOXY	SHERWIN WILLIAMS	SW 6258 TRICORN BLACK	SEMI-GLOSS	-		
P-3	PAINT or PRIMER	DINING ROOM SIDE FACING WALLS, HALL & RR WALLS. REAR EXT DOOR (IN SEMI-GLOSS)	PRO-CRYL UNIVERSAL PRIMER B66-310	SHERWIN WILLIAMS	LIGHT GRAY	PRE-CATALYZED EPOXY	SHERWIN WILLIAMS	SW 7022 ALPACA	EGG-SHELL	-		
(P-4) STAIN	INTERIOR WOOD TRIM	STAIN (2 COATS)	SHERWIN WILLIAMS	OAK MAHOGANY	POLYURETHANE (2 COATS)	SHERWIN WILLIAMS	CLEAR	SATIN	REFER TO P-4 FORMULA BELOW		
P-5) PAINT	MENU BOARD AND BEVERAGE STATION	PRO-CRYL UNIVERSAL PRIMER B66-310	SHERWIN WILLIAMS	PENN STATION RED	PRE-CATALYZED EPOXY	SHERWIN WILLIAMS	CUSTOM	EGG-SHELL	REFER TO P-5 FORMULA BELOW		

1. ANY QUESTIONS REGARDING STAIN INFORMATION CONTACT SHERMAN WILLIAMS STORE #4311 @ (513) 771-8212 (INDUSTRIAL COATINGS). 2. ANY QUESTIONS REGARDING PRODUCT AVAILABILITY, TINTING, MIXING PROCEDURES ON ANY OTHER PAINT COATING LISTED, CONTACT: SHERWIN WILLIAMS STORE #1970 (513) 474-3751 or KIRK DURCHHOLZ @ PENN STATION, INC. (513) 474-5957.

CAULKING SPECIFICATIONS

3. ORDER EARLY, LONG LEAD TIMES POSSIBLE.

-CAULKING: CAULK ALL DISSIMILAR MATERIALS. ALL SEAMS @ PERMANENT INSTALLATIONS AND FIXTURES SHALL BE CAULKED. USE WHITE @ LAMINATE, FRP AND PAINT CONDITIONS. USE ALUMINUM-COLORED OR CLEAR @ ALL STAINLESS STEEL CONDITIONS. DO NOT CAULK ANY ITEM WITH CASTERS. USE CLEAR AT ALL WALLCOVERING EDGES AGAINST WOOD, TILE, ETC. AND AROUND ALL WINDOW HEAD, SILL & JAMBS. MATCH CEILING COLOR TO CAULK @ ALL SUSPENDED CEILING EDGE RUNNERS, IN SERVING PREP AREAS.

-CLEAR = DAP SILICONE BASE 50-YR FORMULA 230, ADVANCED LATEX SEALANT -WHITE = DAP SILICONE BASE 50-YR FORMULA 230, ADVANCED LATEX SEALANT

-ALUMINUM = DAP SILICONE BASE 50-YR FORMULA 230, ADVANCED LATEX SEALANT

-GRAY = URETHANE DIAMONIC BY TREMCO -ALL ARE WATER CLEAN-UP MATERIALS. -APPLY URETHANE CAULK TO TOP AND SIDE OF MUA UNIT @ HOOD TO CONTROL CABINET AND CONTROL CABINET TO BLOWER ASSEMBLY. ALL ARE

WATER CLEAN-UP MATERIALS -AT FRP & STAINLESS STEEL COVERED WALLS, USE DIAMONIC OR DIAMERIK CAULK BETWEEN UNFINISHED SLAB & BOTTOM OF CEMENT BOARD. FILL

JOINT 100% FINGER SMOOTH. -AT EXTERIOR DOORS, USE GRAY URETHANE CAULK BETWEEN TILE & DOOR THRESHOLD.

CEMENT BOARD SPECIFICATIONS

<u> APPROVED PRODUCTS:</u>

-UTIL-A-CRETE CEMENTITIOUS BACKERBOARD BY THE W.R. BONSAL COMPANY

-DUROCK BRAND CEMENT BOARD BY THE UNITED STATES GYPSUM COMPANY (USG). NOTE: "DUROCK NEXT GEN" IN FIRE-RATED CONDITIONS SHALL CONFORM WITH UL U404 REQUIREMENTS FOR 1 & 2 HOUR RATED WALL ASSEMBLIES.

WALL FINISH SPECIFICATIONS

-TILE INSTALLER, SHUFFLE THE TILES! ALWAYS WORK OUT

OF AT LEAST THREE BOXES IN ORDER TO BLEND "DYE LOTS".

-FLOOR TILE TO HAVE A SLIP RESISTANCE THAT COMPLIES

- SLIP RESISTANCE OF PORCELAIN TILE (T-1): DYNAMIC

NOTE: TILE INSTALLER TO PAD UNDER PORCELAIN FLOOR TILE (T-1) AT TRANSITION TO QUARRY FLOOR TILE (T-2)

- SLIP RESISTANCE OF QUARRY TILE (T-2): DYNAMIC COEFFICIENT OF FRICTION = EQUAL TO OR GREATER THAN

WITH ASTM & ANSI TESTING & SPECIFICATIONS

COEFFICIENT OF FRICTION = 0.62 WET

WALL PREPARATION

TILE NOTES

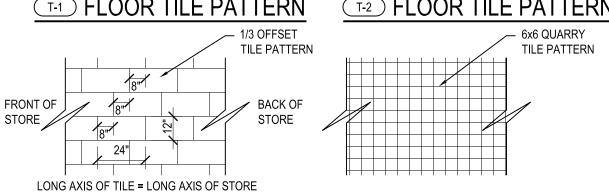
- REPAIR HOLES, CRACKS, AND GOUGES. ALL JOINTS AND SEAMS MUST BE TAPED AND SANDED SMOOTH.

- UNPAINTED WALLS: APPLY ZINSER SHIELDS WHITE PRIMER AND LET DRY THOROUGHLY. THIS IS ESPECIALLY IMPORTANT FOR DRYWALL. WITHOUT A PIMER-SEALER, THE DRYWALL WILL BE DAMAGED WHEN THE WALLCOVERING IS REMOVED. NOTE: USE DYNAMITE #234 PREMIUM GRADE HEAVY DUTY CLEAR STRIPPABLE PASTE.

BUILDING CODE INFORMATION - INTERIOR FINISHES

- A. INTERIOR FLOOR FINISHES SHALL BE CLASS II FOR COMMERCIAL APPLICATION. FIRE RATING SHALL BE CLASS II / ASTM E 84, COMPLYING WITH DOC-FF-1. B. WALLCOVERING SHALL BE IN ACCORDANCE WITH ASTM E 84, CLASS A FLAME SPREAD REQUIREMENTS, SMOKE DEVELOPMENT OF LESS THAN 450.
- . ALL FABRIC MATERIALS NOT MEETING MINIMUM CODE REQUIREMENTS SHALL BE TREATED WITH FLAME RESISTANT COATING TO COMPLY WITH NFPA 701.
- D. DECORATIVE MATERIALS, WHERE REQUIRED TO BE FLAME RESISTANT, SHALL COMPLY WITH NFPA 701
- E. CEILING PANELS SHALL BE IN ACCORDANCE WITH ASTM E 84, CLASS A FLAME SPREAD REQUIREMENTS, SMOKE DEVELOPMENT OF LESS THAN 450.

T-1 FLOOR TILE PATTERN T-2 FLOOR TILE PATTERN



PAINT SPECIFICATIONS

<u>APPLICATION</u>

APPLY MATERIAL ACCORDING TO THE SPECIFIC INSTRUCTIONS PROVIDED BY THE MANUFACTURER. OBTAIN INSPECTIONS AND ON-SITE SUPERVISION FROM THE MANUFACTURER AS REQUIRED BY THEIR WARRANTY CONDITIONS. OBTAIN WRITTEN VERIFICATION OF INSPECTIONS OR SUPERVISION AS THEY OCCUR. FAILURE TO PROPERLY DOCUMENT THIS PROCESS MAY RESULT IN YOUR ASSUMPTION OF LIABILITY. MOST PAINTS AND COATINGS CAN BE APPLIED BY AIRLESS SPRAY. VERIFY THIS WITH MANUFACTURER PRIOR TO APPLICATION. PROPER TIP SIZE AND ATOMIZATION PRESSURE ARE THE KEY ELEMENTS FOR GOOD JOB RESULTS.

P-5 PENN STATION RED

R3 - MAGENTA

R4 - NEW RED

/3 - DEEP GOLD 📗 -

CCE COLORANT OZ 32 64 128 * THIS FORMULA IS FOR A ONE GALLON QUANTITY,

EGGSHELL

ULTRADEEP BASE - 650044928

PRECATYLIZED EPOXY

1 GAL - K5T00154, PRO-INDUSTRIAL

SURFACE PREPARATION

FOR CONCRETE MASONRY, SURFACE MUST BE FREE OF GREASE, OIL, DIRT, DUST AND FOREIGN MATTER. REMOVE EXCESS MORTAR BY BRUSH OR SCRAPING. INCOMPATIBLE CURING OR COMPOUNDS SHOULD BE REMOVED BY SAND BLASTING. CONCRETE MUST BE CURED UNDER NORMAL DRYING CONDITIONS BEFORE PAINTING. FOLLOW STO'S INSTRUCTIONS FOR CURING TIME. THEN PRESSURE WASH ALL CMU PRIOR TO COATING. BE ADVISED THAT THE CONTRACTOR, NOT THE MANUFACTURER, WILL BE RESPONSIBLE FOR PRODUCT PERFORMANCE IF MFR'S RECOMMENDATIONS ARE NOT USED. REPAIR ALL SURFACE CRACKS BEFORE PAINTING.

FOR FERROUS METAL THE LIFE OF A PAINT SYSTEM IS LARGELY DEPENDENT UPON THE QUALITY OF SURFACE PREPARATION PRIOR TO PAINTING AND THE ENVIRONMENT TO WHICH THE PAINT IS EXPOSED.

UNDER "NORMAL" ENVIRONMENTAL EXPOSURE MOST ARCHITECTURAL PAINTS WILL PERFORM FOR MANY YEARS; HOWEVER, IF THE PAINT IS EXPOSED TO CHEMICAL ATTACK OR HIGH HEAT, THE PAINT MAY DETERIORATE VERY QUICKLY. THESE RECOMMENDATIONS ARE FOR "NORMAL" ENVIRONMENTAL EXPOSURES. FOR MORE AGGRESSIVE ENVIRONMENTS CONTACT YOUR LOCAL MANUFACTURER'S REP.

SURFACE MUST BE FREE OF DUST, DIRT, OILS, AND GREASE. WIRE BRUSH / SAND TO REMOVE ANY LOOSE RUST FROM SURFACE. WIPE THE SURFACE CLEAN W/ SOLVENT TO REMOVE ALL OILS AND GREASE

NATURAL FINISHED WOODWORK SHALL BE SANDED SMOOTH WITH THE GRAIN OF THE WOOD AND CLEANED FREE OF DIRT, DUST, AND FOREIGN MATTER. NAIL HOLES, GAPS AND CRACKS SHALL BE FILLED WITH COLORED WOOD PUTTY TO MATCH THE COLOR OF THE WOOD. SANDING SEALERS AND POLYURETHANE SHALL BE STEEL-WOOLED BETWEEN COATS AND ALL FOREIGN MATTER REMOVED PRIOR TO

NEXT APPLICATION. PAINTING NOTES:

-PAINT SPECIFICATIONS

-PRIMER: USE THE SHERWIN WILLIAMS: B51W00450 - MULTIPURPOSE INTERIOR / EXTERIOR LATEX PRIMER WHITE

-INTERMEDIATE COAT: K45W00151 - PRO INDUSTRIAL PRE CATALYZED WATERBASED EPOXY EGG-SHELL EXTRA WHITE -TOPCOAT: K45W00151 - PRO INDUSTRIAL PRE-CATALYZED WATERBASED EPOXY EGG-SHELL EXTRA WHITE

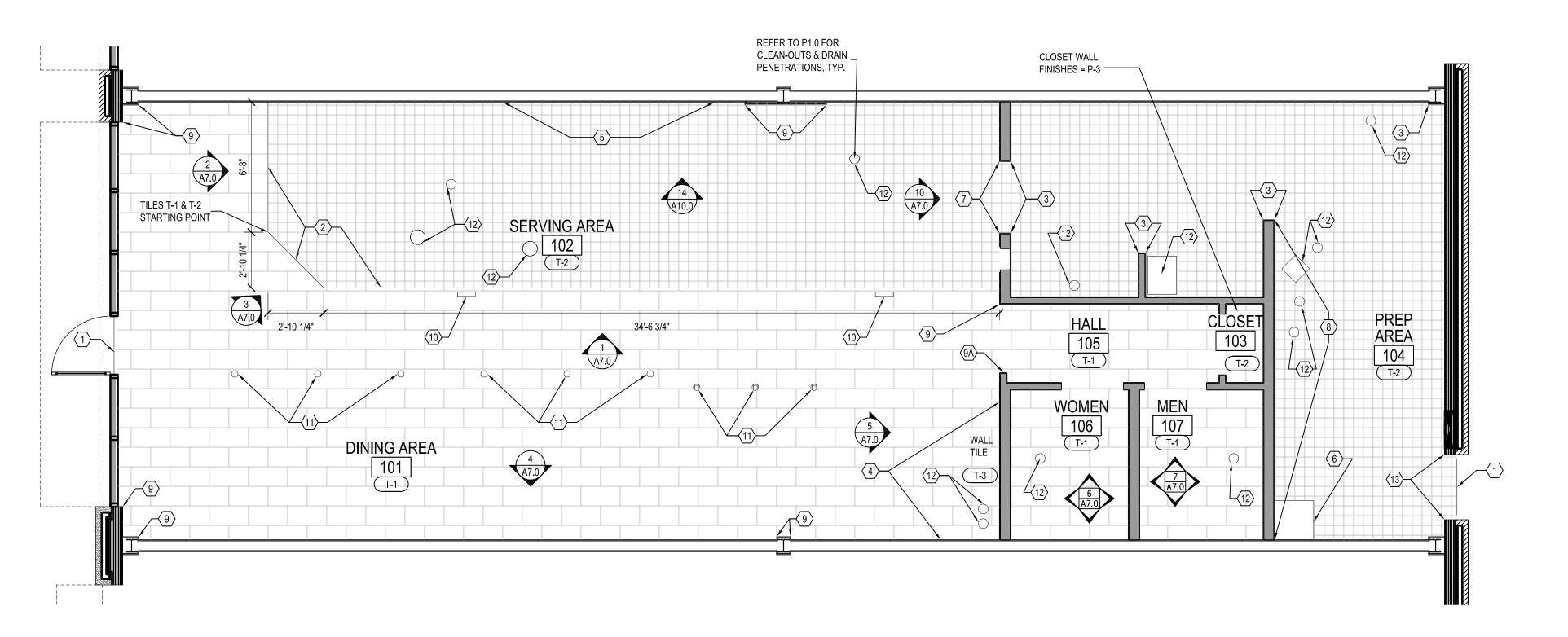
-COVERAGE: ALL PAINTED SURFACES SHALL RECEIVE ONE PRIMER COAT AND TWO FINISH COATS AS A MINIMUM. IT MAY BE HELPFUL WITH DARKER COLORS TO TINT THE PRIMER BEFORE APPLYING. ALLOW A MINIMUM OF TWO (2) HOURS DRYING TIME BEFORE THE SECOND COAT IS APPLIED. SEMI GLOSS BLACK WHEN ROLLER OR BRUSH APPLIED MAY REQUIRE MORE THAN TWO FINISH COATS FOR COMPLETE COVERAGE. A SMOOTH EVEN TONE IS INTENDED. STREAKS, SMEARS, DRIPS AND BLOTCHES WILL NOT BE ACCEPTED.

-BEFORE PRIMING METAL, LIGHTLY SAND THE SURFACE WITH A FINE EMERY CLOTH & SOLVENT WIPE.

-NOTE: THERE SHALL BE NO BARE WOOD EXPOSED ON THE INTERIOR OF THE STORE. ANY INCIDENTAL BLOCKING OR TRIM PIECE NOT SPECIFICALLY MENTIONED SHALL BE PAINTED WITH 3 COATS OF GLOSS WHITE ENAMEL IF NOT READILY VISIBLE, OR COATED WITH P-12 IF NEXT TO OTHER WOOD TRIM ITEMS. WHEN IN DOUBT, ASK THE ARCHITECT.

-USE RUST INHIBITIVE PRIMER ON ANY SLIGHTLY RUSTED STRUCTURAL MEMBERS. USE MAB PLYMASTIC PRIMER.

USE PRECAUTIONS IF / WHEN SPRAY PAINTING SO AS TO AVOID DAMAGING SPRINKLER HEADS, ALARM EQUIPMENT, ETC.





RADIUS RETURN EDGES

NOTE: ALL DIMENSIONS GIVEN ARE FINISHED DIMENSIONS.

ALL WALLS SHALL BE PAINTED P-3 UNLESS NOTED OTHERWISE. ALL PREP AREA WALLS SHALL BE FINISHED WITH FRP

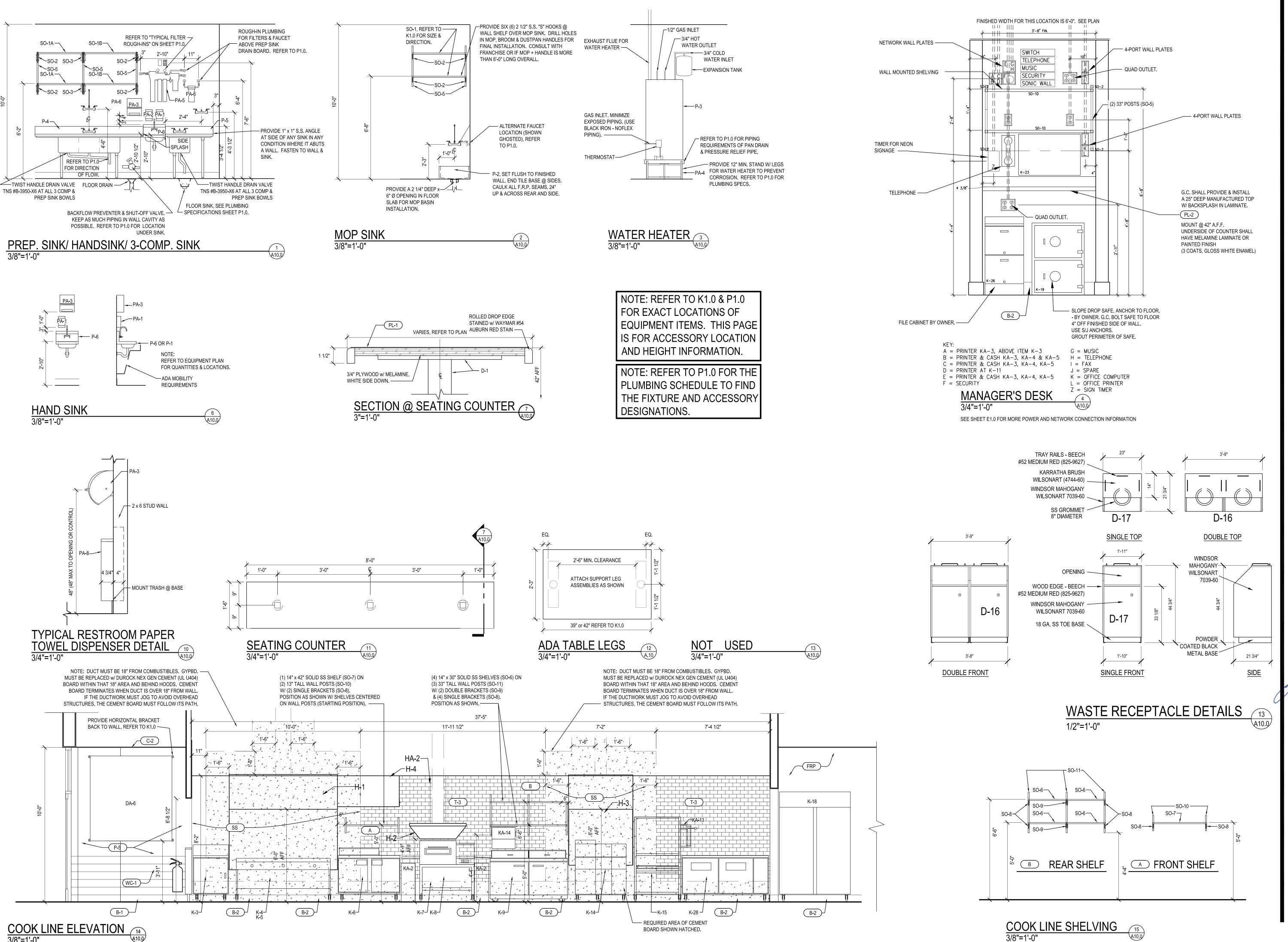


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HILLIAM Finishes 11/02/22 S.Rogers

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OF MICHIG WILLIAM ARCHING Interior Details 11/02/22

A10.0

= 46 SF ALLOWED

37.5 SF SIGN IS PROPOSED

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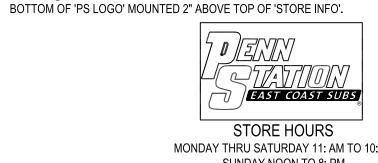
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STE OF MICH HILLIAM Signage

EXTERIOR SIGNAGE

- 1. EXTERIOR LED SIGNAGE IS PROVIDED AND INSTALLED BY INDEPENDENT SIGNAGE CONTRACTOR PROVIDED BY OWNER. ALL WORKMANSHIP, MATERIAL & LABOR SHALL BE GUARANTEED FOR (1) YEAR FROM INSTALLATION.
- 2. EXTERIOR SIGNAGE SHALL BE SURFACE MOUNTED AS SHOWN IN SCHEMATIC, THIS SHEET. INSTALLATION INCLUDES HOOK-UP TO PRIMARY ELECTRIC (FEED BY ELECTRICIAN). ALL WIRING MUST MEET LOCAL CODES.
- 3. SIGN CONTRACTOR MUST SUBMIT SHOP DRAWINGS FOR FRANCHISOR'S APPROVAL PRIOR TO STARTING FABRICATION. SHOP DRAWINGS MUST SHOW U.L. LISTING FOR ALL SIGNS.
- 4. GENERAL CONTRACTOR SHALL STUB OUT ELECTRICAL FEEDS FOR ALL SIGN LOCATIONS. REFER TO E1.0 FOR MORE INFORMATION. ELECTRICIAN PROVIDES JUNCTION & FINAL HOOK-UP OF SIGNS. SIGNAGE CONTRACTOR TO STUB SEALTIGHT THROUGH WALL FOR FINAL CONNECTION.
- 5. INSTALL OWNER PROVIDED SIGNAGE "COMING SOON" AND "GRAND OPENING" SIGN / BANNER PER OWNER INSTRUCTION. G.C. MAY BE REQUIRED TO INSTALL HOOKS WITH FASTENERS, INQUIRE WITH PENN STATION CORP.
- 6. INSTALL OWNER PROVIDED PENN STATION VINYL LETTERING PACKAGE AT FRONT DOOR. - RED PENN STATION W/ GRAY EAST COAST SUBS VINYL LOGO. OVERALL DIMENSIONS ARE 23" W X 11" H - STORE HOUR INFO, OVERALL DIMENSIONS ARE: 24" W X 8.5" H. WHITE VINYL LETTERS - APPLY LOGO & LETTERING WITH ADHESIVE BACK FOR OUTSIDE APPLICATION. - INSTALL @ CENTERLINE OF FRONT DOOR W/ BOTTOM OF 'STORE INFO' MOUNTED 3" ABOVE PUSH BAR.



MONDAY THRU SATURDAY 11: AM TO 10: PM SUNDAY NOON TO 8: PM THIS IS A NON-SMOKING RESTAURANT INCLUDING E-CIGARETTES GENERAL MANGER: JOHN DOE

- 7. EXTERIOR LED SIGNAGE SHALL BE INSTALLED MINIMUM ONE MONTH PRIOR TO OPENING.
- 8. THE EXTERIOR SIGNAGE PERMIT SHALL BE SUBMITTED SEPARATELY BY THE SIGN CONTRACTOR
- 9. SIGNS ARE TYPICALLY TO BE LED WITH ACRYLIC PLEXIGLAS FACES WITH THE SIGN PROPORTIONS OF 1:2 FOR THE 'STACKED' LOGO & 1:4 FOR THE 'HORIZONTAL' LOGO. SIGNS MUST ALSO COMPLY & BE APPROVED BY THE LOCAL AUTHORITIES FOR THE SIZE & CONSTRUCTION. VERIFY THAT SIGNS ARE AN ACCEPTABLE PART OF THE LEASE.

SPECIFICATIONS FOR EXTERIOR SIGNAGE

PENN STATION -.040 ALUMINUM RETURNS - 4" DEEP PAINT INSIDE LETTER = WHITE PAINT OUTSIDE OF RETURNS & BACKS - BLACK FACE OF LETTERS TO BE WHITE ACRYLIC - 7328 BLACK TRIM CAP

BACKGROUND POLY-METAL BACKGROUND PANEL PAINT FACE OF PANEL RED

EAST COAST SUBS -.040 ALUMINUM RETURNS - 4" DEEP PAINT INSIDE OF CHANNEL BOX = WHITE PAINT OUTSIDE OF RETURNS & BACKS - BLACK FACE OF BOX TO BE WHITE ACRYLIC - 7328 DARK GRAY (PMS 7540C) VINYL ADHERED TO OUTSIDE FACE OF ACRYLIC WITH 'EAST COAST SUBS' CUT OUT TO ALLOW LETTERS TO DISPLAY WHITE BLACK TRIM CAP

INTERIOR SIGNAGE / ARTWORK SPECIFICATIONS

- PROVIDE AND INSTALL ONE "MENS" AND ONE "WOMENS" SIGN AT RESTROOM DOOR LOCATIONS. MOUNT SIGNAGE AT 60" AFF TO CENTER OF SIGN. SIGNAGE STYLE SHALL BE PRE-APPROVED BY FRANCHISER PRIOR TO ORDERING. SIGNAGE MUST MEET US-ADAAG 4.30.4 AND LOCAL ACCESSIBILITY REQUIREMENTS. MOUNT SIGNS AT LATCH SIDE OF RESTROOM DOORS ON WALL. AN APPROVED DESIGN IS AS PROVIDED BY CAL-ROYAL PRODUCTS, INC. 2110 TUBEWAY AVE. CITY OF COMMERCE, CA 90040 (800)876-9258. USE BLUE BACKGROUND WITH WHITE LETTERING. LETTERS AND NUMERALS SHALL BE RAISED 1/32 IN., UPPER CASE, SANS SERIF OR SIMPLE SERIF TYPE AND SHALL BE ACCOMPANIED WITH GRADE 2 BRAILLE.
- INSTALL OWNER PROVIDED FOOD PHOTOS ON WALLS ADJACENT TO ENTRY AND OVER SEATING PER OWNER INSTRUCTION. REFER TO SHEET A7.0 & K1.0.
- INSTALL OWNER PROVIDED MENU BOARDS PER A7.0 & K1.0.
- 4. INSTALL OWNER PROVIDED DIRECTIONAL FOOD SIGN AT SOFFIT ABOVE FOOD LINE. REFER TO
- 5. INSTALL "PENN STATION OPEN" SIGN(S) AS SHOWN. SUSPEND JUST INSIDE WINDOW (HOLD AS HIGH AS POSSIBLE).
- GENERAL CONTRACTOR SHALL STUB OUT ELECTRICAL FEEDS FOR ALL SIGN LOCATIONS. REFER TO E1.0 FOR MORE
- INFORMATION. ELECTRICIAN PROVIDES JUNCTION & FINAL HOOK UP OF SIGNS. PROVIDE AN 8" X 10" OCCUPANCY SIGN CONSTRUCTED OF PLASTIC LAMINATE STATING THE ALLOWABLE OCCUPANCY FOR THE
- SHOWN ON DRAWINGS A7.0 & K1.0. PROVIDE TACTILE EXIT SIGNS (OWNER'S COLOR CHOICE) AS INDICATED ON SHEET K1.0. SIGN SHALL MEET ADAAG SECTION

SPACE AS STATED ON SHEET A1.0 & CONFIRMED BY THE FIRE DEPARTMENT. MOUNT 60" AFF TO CENTERLINE AND LOCATE AS

A.30 REQUIREMENTS. EXAMPLES AS MANUFACTURED BY "TACTILE SIGNAGE" (WWW.TACTILESIGN.COM) AND "HY-KO" (WWW.SAFETYCENTRAL.COM) ARE ACCEPTABLE. MOUNT AT 48" A.F.F TO BOTTOM OF SIGN.

PAINT SPECS FOR BACKER

Manufacturer: Sherwin Williams Color Name: Penn Station Red Quality: LST3-Genesis Lustral Satin Product Type: LST3 Formula: red#5a Formula I.D.: 105834666 Version: 2 Batch Number: 26664544 Batch Created: 8/9/2022 User Name: colorlab3

LED LIGHTING SPECS

LED LIGHT FIXTURE
MFR: Z LIGHT TECHNOLOGY MODEL: Z-ECO2-MINI-W (WHITE) LED POWER SUPPLY MFR: ALLANSON

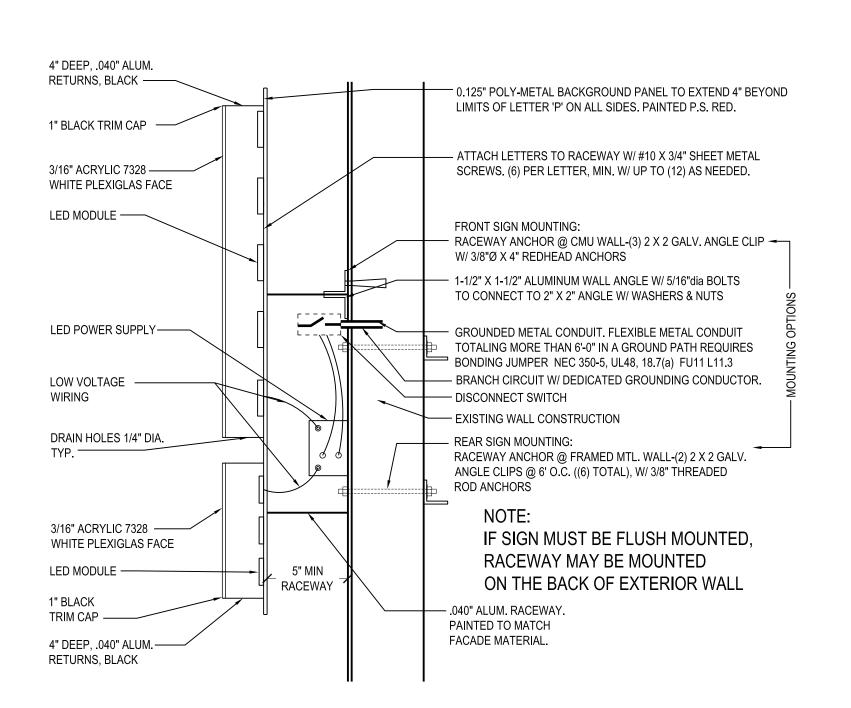
MODEL: CV125-120

SIGN CONTRACTOR

DUALITE SIGNS JUSTIN YOUNG M: 815-641-4269 O: 513-536-4605 jyoung@dualitesign.com

'OPEN' SIGN SUPPLIER

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TYPICAL LED RECEPTACLE SCHEMATIC

- 1/4" GRAY PVC BACKGROUND (OPAQUE) 2'-7" — 2-1/2" D, ALUMINUM BOX MOUNTED TO BACKSIDE OF SIGN TO HOUSE LED LIGHTING & TRANSFORMER -'OPEN' LETTERS ROUTED OUT OF MOUNT AS HIGH AS PVC BACKGROUND & BACKED UP WITH WHITE ACRYLIC & WHITE FIELD CONDITIONS WINDOW SIGNAGE SPECIFICATIONS LED BACKLIT.

4" DEEP BLACK CHANNEL LETTERS & TRIM WITH 7328 WHITE ACRYLIC PLEXIGLAS LENS. POLY-METAL BACKGROUND PANEL BACKLIT WITH WHITE LED -(NON-ILLUMINATED), PAINTED P.S. BLOOD RED SEE ELEVATION - 4" DEEP BLACK CHANNEL BOX & TRIM WITH 7328 WHITE ACRYLIC SIGNAGE SPECIFICATIONS PLEXIGLAS. GRAY VINYL ADHERED ON OUTSIDE FACE & 'EAST COAST SUBS' CUT OUT OF VINYL TO ALLOW LETTERS TO DISPLAY WHITE. BACKLIT WITH WHITE LED See typical schematic this sheet for additional information

SPECIFICATIONS SHOW MATERIALS AND COLORS. SEE ELEVATION FOR SIGN SIZE AND CONFIGURATION

AS SOME LOCATIONS USE HORIZONTAL DESIGNS AND SOME USE STACKED DESIGNS.

S Rogers

11/02/22

ı		TY DESCRIPTION	MANUF'R	MODEL#	FINISH		TRICAL	_			GAS		SIZE	NOTES	ITE
	NO.					VOLT	PH LOAD	HW	CW DI	R INDIR	SIZE	AMT	(W x D x H)		NC
	K-1	1 SSP SERVING WALL	S&G	CUSTOM										Shop drawings available. GC install electric & gas. Outlets provided. 2 Sections.	K-
٦ I	K-2	1 LEMONADE TABLE	S&G	CUSTOM	SS								30" x 24" x 36.5"	Adjust flanged feet Attached to Item K-1	K-2
밁	K-3	1 REFRIGERATED WEIGH TABLE	DELFIELD	4427N-12M	SS	120	1Ø 7.2 AMP/ 1/5 hp						27.13" x 21.63" x 36"		K-(
と	K-4	1 GRIDDLE STAND	FALCON	CUSTOM	SS								73" x 36" x 20 3/4"+ 14 1/2"	SHOP DRAWINGS / CASTERS	K-4
u į	K-5	1 GAS GRIDDLE	S&G	GT-60-C	SS						3/4"	120,000 btu	72" x 28" x 16 3/4"	REAR GREASE TROUGH / 48" FLEXHOSE / SPECIAL GAS CONNECT.	K-:
⊔ [K-6	1 REFRIGERATED BREAD TABLE	DELFIELD	4448N-12	SS	120	1Ø 8.6 AMP 1/3 hp						48.13" x 31.5" x 36.0"	CASTERS, CUTTING BOARD AND CURB. WALL SHELF - SEE A10.0	K-6
╛	K-7	1 OVEN STAND	S&G	CUSTOM	SS								44" x 29.37" x 30"	Adjust feet to level stand, do NOT bolt to floor (bolt K-8 to K-7) Bolts Incl'd.	. K-7
	K-8	1 CONVEYOR OVEN	LINCOLN	1116-000-U-PS	SS	120	1Ø 7.0 AMP				3/4"	40,000 btu	70 7/8" x 39" x 17"	48" FLEX GAS HOSE / SPECIAL REVERSE GAS CONNECTION	K-8
ᆸ	K-9	1 REFRIGERATED WRAP TABLE	DELFIELD	4460N-8	SS	120	1Ø 12.0 AMP 1/2 hp						60.13" x 31.5" x 36.0"	CASTERS / CUSTOM WELLS. WALL SHELF - SEE A10.0	K-9
5	K-10	1 DISPLAY REFRIGERATED CASE	MARC	BDL-4 S/C	SS	120	1Ø 12.0 AMP 1/3 hp						48" x 35" x 55"	FREESTANDING	K-1
	K-11	1 SLICER TABLE	S&G	CUSTOM	SS								36" x 30" x 36"	Adjust flanged feet Attached to Item K-1.	K-1
ク	K-12	1 REFRIGERATED TABLE	TRUE	TUC-67	SS	120	1Ø 1.7 AMP 1/5 hp						67 1/4" x 32 1/4" x 29 3/4"	CASTORS.	K-1
<u> </u>	K-13	0 REFRIGERATED TABLE	TRUE	TUC-93	SS	120	1Ø 9.7 AMP 1/2 hp						93 1/4" x 33" x 35"	NO BACKSPLASH	K-1
	K-14	1 GAS FRYER	FRYMASTER	FPPH255	SS	120	1Ø 12.0 AMPS TOTAL				1"	160,000 btu		48" FLEX GAS HOSE / SPECIAL REVERSE GAS CONNECTION	K-1
Ĭ∣	K-15	1 DBL. POTATO BASKET	S&G	CUSTOM	SS	1						<u> </u>	36" x 25" x 60 +6"	FREESTANDING w/ CASTERS	K-1
בֿ l	K-16	REFRIGERATED TABLE COMBINATION	DELFIELD	UC4472N-18	SS	120	1Ø 12.0 AMP 1/2hp						72" x 32" x 35"	COLD COMBINATION TABLE	K-1
	K-17	REPRISEIVATED TABLE COMBINATION BEVERAGE TABLE	S&G	CUSTOM	SS & PL-2	1 .25			_	+			80" x 36" x 33" + 4"	SHOP DRAWINGS / FIT TIGHT TO WALL / 4" BACKSPLASH	K-1
3	K-18	1 2 DOOR FREEZER	DELFIELD	GBF2P-S-M364	SS &1 L-2	120	1Ø 12.0 AMP 3/4 hp		-+				51" x 32.8" x 79 1/2"	CASTERS, W/OUTLET @ 84" +	K-1
ᆸ╽	K-10	1 STEEL FLOOR SAFE	CSS	CS2820	55	120	1.5 1.2.0 / HVII 0/7 HP		_				20.25" x 16" x 28"	SLOT DROP SAFE, ANCHOR TO FLOOR, REFER TO A10.0	K-1
	K-20	1 OFFICE COUNTER	000	CUSTOM	PL-4								44" x 25" x 42"+4"	CUT TO FIT ALCOVE. FINISH HEIGHT = 42" AFF, REFER TO A10.0	K-2
╗	N-20	1 OFFICE COUNTER		COSTON									44 8 23 8 42 14	OUT TO THE ALGOVE. THINGITHEROTH = 42 ALT, NEI ER TO ATO.	
CUEIN	K-22	1 CASHIER'S STATION	S&G	CUSTOM	SS								approx 72" x 15" - angled	SHOP DRAWINGS AVAILABLE - Attached to Item K-1	K-2
ا 2		1 BREAD RACK	S&G S&G	CUSTOM									1.	ON CASTERS (BELOW OVEN STAND)	K-2
=	K-23				SS								40" x 29.38" x 22.12" + 5"	· · · · · · · · · · · · · · · · · · ·	
<u> </u>	K-24	1 RAILING	S&G	CUSTOM	SS	400	40 70 440		0/01	0/48			VARIES	SHOP DRAWINGS AVAILABLE, REFER TO A6.0 & P1.0	K-2
	K-25	1 SODA TOWER ICE MAKER	HOSHIZAKI	KML-500-MAJ	SS	120	1Ø 7.6 AMP		3/8"	3/4"			30" x 24" x 20 1/2"	AIR COOLED. MIN. 6" SPACE ALL SIDES. SITS ON BV-1, BV-4 REQUIRED.	K-2
	K-26	1 FILE CABINET	AND. HICKEY	100-1521-BK									14 7/8" x 26 1/2"x 28"	BY OWNER	K-2
	K-27	1 ICE CADDY	CAMBRO	ICS125LB									23" x 31 1/2" x 29 1/4"		K-2
	K-28	1 REFRIGERATED TABLE	TRUE	TUC-67	SS	120	1Ø 2 AMP						67 1/4" x 30 1/8" x 29 3/4"	Adjust flanged feet.	K-2
	K-29	1 WEB ORDER STATION	S&G	CUSTOM	SS								28.25" x 30" x 33"	FREE STANDING - SHOP DRAWINGS AVAILABLE- MOUNT TO K-1 & FLI	_
\neg														NOTEC	
- 1	ITEM Q	TY DESCRIPTION	MANUF'R	MODEL#	FINISH	ELEC	TRICAL	WA ⁻	TER W	VASTE	GAS		SIZE	NOTES	ITE
>	ITEM Q NO.	TY DESCRIPTION	MANUF'R	MODEL#	FINISH		TRICAL PH LOAD			VASTE IR INDIR		AMT	SIZE (W x D x H)	NOTES	
<u>></u>		2 MEAT SCALE	MANUF'R TAYLOR	MODEL#	FINISH		PH LOAD							SITS ON K-3 & K-11. 32oz. CAPACITY	NC
	NO. KA-1					VOLT	PH LOAD						(W x D x H)		NO KA
	NO. KA-1 KA-2	2 MEAT SCALE	TAYLOR	TE 10 R		VOLT 120	PH LOAD						(W x D x H) 8 1/16" x 7 3/4" x 2 1/4"		KA KA
	NO. KA-1 KA-2	2 MEAT SCALE 2 GARBAGE CANS	TAYLOR RUBBERMAID	TE 10 R SLIM JIM 3540 1525L-MSR		VOLT 120	PH LOAD 1Ø						(W x D x H) 8 1/16" x 7 3/4" x 2 1/4" 20" x 11" x 30" 17" x 8.2" x 15.4"	SITS ON K-3 & K-11. 32oz. CAPACITY	KA KA
	NO. KA-1 KA-2 KA-3 KA-4	2 MEAT SCALE 2 GARBAGE CANS 3 CASH REGISTER TOUCH MONITOR 3 CASH REGISTER DRAWER	TAYLOR RUBBERMAID ELO VASARIO	TE 10 R SLIM JIM 3540 1525L-MSR VB320-BL1616		VOLT 120 120	PH LOAD 10 10 0.25 AMP						(W x D x H) 8 1/16" x 7 3/4" x 2 1/4" 20" x 11" x 30" 17" x 8.2" x 15.4" 16.2" x 16.33" x 4.33"	SITS ON K-3 & K-11. 32oz. CAPACITY SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON K-1 & K-22 OR K-29	KA KA KA
. – 1	NO. KA-1 KA-2 KA-3 KA-4 KA-5	2 MEAT SCALE 2 GARBAGE CANS 3 CASH REGISTER TOUCH MONITOR 3 CASH REGISTER DRAWER 3 CASH REGISTER PRINTER	TAYLOR RUBBERMAID ELO VASARIO ITHACA	TE 10 R SLIM JIM 3540 1525L-MSR VB320-BL1616 ITHERM 280		VOLT 120 120 120	PH LOAD 1Ø 1Ø 1Ø 1/ 1/ 1/ 1/ 1/ 1/ 1/						(W x D x H) 8 1/16" x 7 3/4" x 2 1/4" 20" x 11" x 30" 17" x 8.2" x 15.4" 16.2" x 16.33" x 4.33" 6.25" x 8.5" x 5.87"	SITS ON K-3 & K-11. 32oz. CAPACITY SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON K-1 & K-22 OR K-29 SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING	KA KA KA KA
. – 1	NO. KA-1 KA-2 KA-3 KA-4 KA-5 KA-6	2 MEAT SCALE 2 GARBAGE CANS 3 CASH REGISTER TOUCH MONITOR 3 CASH REGISTER DRAWER 3 CASH REGISTER PRINTER 2 REMOTE PRINTER	TAYLOR RUBBERMAID ELO VASARIO ITHACA ITHACA	TE 10 R SLIM JIM 3540 1525L-MSR VB320-BL1616 ITHERM 280 POSjet 1000		VOLT 120 120 120 120	PH LOAD 10 10 10 10 10 10 10 10 10 1						(W x D x H) 8 1/16" x 7 3/4" x 2 1/4" 20" x 11" x 30" 17" x 8.2" x 15.4" 16.2" x 16.33" x 4.33" 6.25" x 8.5" x 5.87" 6.75" x 9.75" x 5.81"	SITS ON K-3 & K-11. 32oz. CAPACITY SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON K-1 & K-22 OR K-29 SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON KA-8 - REFER TO E1.0 FOR WIRING	KA KA KA KA KA
	NO. KA-1 KA-2 KA-3 KA-4 KA-5 KA-6 KA-7	2 MEAT SCALE 2 GARBAGE CANS 3 CASH REGISTER TOUCH MONITOR 3 CASH REGISTER DRAWER 3 CASH REGISTER PRINTER 2 REMOTE PRINTER 1 CASH REGISTER COMPUTER	TAYLOR RUBBERMAID ELO VASARIO ITHACA ITHACA DELL	TE 10 R SLIM JIM 3540 1525L-MSR VB320-BL1616 ITHERM 280 POSjet 1000 OPTIPLEX SX270		VOLT 120 120 120	PH LOAD 10 10 10 10 10 10 10 10 10 1						(W x D x H) 8 1/16" x 7 3/4" x 2 1/4" 20" x 11" x 30" 17" x 8.2" x 15.4" 16.2" x 16.33" x 4.33" 6.25" x 8.5" x 5.87" 6.75" x 9.75" x 5.81" 9.72" x 9.53" x 9.72"	SITS ON K-3 & K-11. 32oz. CAPACITY SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON K-1 & K-22 OR K-29 SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON KA-8 - REFER TO E1.0 FOR WIRING SITS ON K-20 - REFER TO E1.0 FOR WIRING	KA KA KA KA KA KA
. = YELL	KA-1 KA-2 KA-3 KA-4 KA-5 KA-6 KA-7	2 MEAT SCALE 2 GARBAGE CANS 3 CASH REGISTER TOUCH MONITOR 3 CASH REGISTER DRAWER 3 CASH REGISTER PRINTER 2 REMOTE PRINTER 1 CASH REGISTER COMPUTER 2 REMOTE PRINTER SHELF	TAYLOR RUBBERMAID ELO VASARIO ITHACA ITHACA DELL S&G	TE 10 R SLIM JIM 3540 1525L-MSR VB320-BL1616 ITHERM 280 POSjet 1000 OPTIPLEX SX270 CUSTOM	SS	120 120 120 120 120 120	PH LOAD 1Ø 1Ø 1Ø 1Ø 1Ø 1Ø 1Ø 1Ø 1Ø						(W x D x H) 8 1/16" x 7 3/4" x 2 1/4" 20" x 11" x 30" 17" x 8.2" x 15.4" 16.2" x 16.33" x 4.33" 6.25" x 8.5" x 5.87" 6.75" x 9.75" x 5.81" 9.72" x 9.53" x 9.72" 6.75" x 10.25" x 3.5"	SITS ON K-3 & K-11. 32oz. CAPACITY SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON K-1 & K-22 OR K-29 SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON KA-8 - REFER TO E1.0 FOR WIRING SITS ON K-20 - REFER TO E1.0 FOR WIRING MOUNT ON K-1 ABOVE K-3. TOP OF SHELF = 51 A.F.F. (JUST UNDER CAP)	KA KA KA KA KA KA
. – 1	NO. KA-1 KA-2 KA-3 KA-4 KA-5 KA-6 KA-7 KA-8 KA-9	2 MEAT SCALE 2 GARBAGE CANS 3 CASH REGISTER TOUCH MONITOR 3 CASH REGISTER DRAWER 3 CASH REGISTER PRINTER 2 REMOTE PRINTER 1 CASH REGISTER COMPUTER 2 REMOTE PRINTER SHELF 1 MEAT SLICER	TAYLOR RUBBERMAID ELO VASARIO ITHACA ITHACA DELL S&G BIZERBA	TE 10 R SLIM JIM 3540 1525L-MSR VB320-BL1616 ITHERM 280 POSjet 1000 OPTIPLEX SX270 CUSTOM GSP V PS-ECS	SS SS/AL	120 120 120 120 120 120	PH LOAD 10 10 10 10 10 10 10 10 10 1						(W x D x H) 8 1/16" x 7 3/4" x 2 1/4" 20" x 11" x 30" 17" x 8.2" x 15.4" 16.2" x 16.33" x 4.33" 6.25" x 8.5" x 5.87" 6.75" x 9.75" x 5.81" 9.72" x 9.53" x 9.72" 6.75" x 10.25" x 3.5" 28" x 30" x 26"	SITS ON K-3 & K-11. 32oz. CAPACITY SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON K-1 & K-22 OR K-29 SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON K-8 - REFER TO E1.0 FOR WIRING SITS ON K-20 - REFER TO E1.0 FOR WIRING MOUNT ON K-1 ABOVE K-3. TOP OF SHELF = 51 A.F.F. (JUST UNDER CAP) SITS ON K-11	KA
. JULED IELL	NO. KA-1 KA-2 KA-3 KA-4 KA-5 KA-6 KA-7 KA-8 KA-9 KA-10	2 MEAT SCALE 2 GARBAGE CANS 3 CASH REGISTER TOUCH MONITOR 3 CASH REGISTER DRAWER 3 CASH REGISTER PRINTER 2 REMOTE PRINTER 1 CASH REGISTER COMPUTER 2 REMOTE PRINTER SHELF 1 MEAT SLICER 1 POTATO CUTTER SUPPORT ASSBLY	TAYLOR RUBBERMAID ELO VASARIO ITHACA ITHACA DELL S&G BIZERBA S&G	TE 10 R SLIM JIM 3540 1525L-MSR VB320-BL1616 ITHERM 280 POSjet 1000 OPTIPLEX SX270 CUSTOM GSP V PS-ECS CUSTOM	SS SS/AL SS	120 120 120 120 120 120	PH LOAD 1Ø 1Ø 1Ø 1Ø 1Ø 1Ø 1Ø 1Ø 1Ø						(W x D x H) 8 1/16" x 7 3/4" x 2 1/4" 20" x 11" x 30" 17" x 8.2" x 15.4" 16.2" x 16.33" x 4.33" 6.25" x 8.5" x 5.87" 6.75" x 9.75" x 5.81" 9.72" x 9.53" x 9.72" 6.75" x 10.25" x 3.5" 28" x 30" x 26" 20" x 1" x 22"	SITS ON K-3 & K-11. 32oz. CAPACITY SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON K-1 & K-22 OR K-29 SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON KA-8 - REFER TO E1.0 FOR WIRING SITS ON K-20 - REFER TO E1.0 FOR WIRING MOUNT ON K-1 ABOVE K-3. TOP OF SHELF = 51 A.F.F. (JUST UNDER CAP) SITS ON K-11 MOUNT ON K-15.	NC KA KA KA KA KA KA KA K
. SUMED. – YELL	NO. KA-1 KA-2 KA-3 KA-4 KA-5 KA-6 KA-7 KA-8 KA-9 KA-10 KA-11	2 MEAT SCALE 2 GARBAGE CANS 3 CASH REGISTER TOUCH MONITOR 3 CASH REGISTER DRAWER 3 CASH REGISTER PRINTER 2 REMOTE PRINTER 1 CASH REGISTER COMPUTER 2 REMOTE PRINTER SHELF 1 MEAT SLICER 1 POTATO CUTTER SUPPORT ASSBLY 1 POTATO CUTTER	TAYLOR RUBBERMAID ELO VASARIO ITHACA ITHACA DELL S&G BIZERBA S&G NEMCO	TE 10 R SLIM JIM 3540 1525L-MSR VB320-BL1616 ITHERM 280 POSjet 1000 OPTIPLEX SX270 CUSTOM GSP V PS-ECS CUSTOM N55450-2	SS/AL SS SS	120 120 120 120 120 120	PH LOAD 10 10 10 10 10 10 10 10 10 1	HW	CW DI	IR INDIR	SIZE		(W x D x H) 8 1/16" x 7 3/4" x 2 1/4" 20" x 11" x 30" 17" x 8.2" x 15.4" 16.2" x 16.33" x 4.33" 6.25" x 8.5" x 5.87" 6.75" x 9.75" x 5.81" 9.72" x 9.53" x 9.72" 6.75" x 10.25" x 3.5" 28" x 30" x 26" 20" x 1" x 22" 9" x 10" x 20"	SITS ON K-3 & K-11. 32oz. CAPACITY SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON K-1 & K-22 OR K-29 SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON KA-8 - REFER TO E1.0 FOR WIRING SITS ON K-20 - REFER TO E1.0 FOR WIRING MOUNT ON K-1 ABOVE K-3. TOP OF SHELF = 51 A.F.F. (JUST UNDER CAP) SITS ON K-11 MOUNT ON K-15. HANG TO ITEM # K-15	NC KA KA KA KA KA KA KA K
UIP. SCHED. = YELL	NO. KA-1 KA-2 KA-3 KA-4 KA-5 KA-6 KA-7 KA-8 KA-9 KA-10 KA-11 KA-12	2 MEAT SCALE 2 GARBAGE CANS 3 CASH REGISTER TOUCH MONITOR 3 CASH REGISTER DRAWER 3 CASH REGISTER PRINTER 2 REMOTE PRINTER 1 CASH REGISTER COMPUTER 2 REMOTE PRINTER SHELF 1 MEAT SLICER 1 POTATO CUTTER SUPPORT ASSBLY 1 POTATO CUTTER 1 DOORBELL BUZZER	TAYLOR RUBBERMAID ELO VASARIO ITHACA ITHACA DELL S&G BIZERBA S&G NEMCO EDWARDS	TE 10 R SLIM JIM 3540 1525L-MSR VB320-BL1616 ITHERM 280 POSjet 1000 OPTIPLEX SX270 CUSTOM GSP V PS-ECS CUSTOM N55450-2 #800	SS/AL SS SS HIGH VOLT T	120 120 120 120 120 120	PH LOAD 1Ø 1Ø 1Ø 1Ø 1Ø 1Ø 1Ø 1Ø 1Ø	HW	CW DI	IR INDIR	SIZE		(W x D x H) 8 1/16" x 7 3/4" x 2 1/4" 20" x 11" x 30" 17" x 8.2" x 15.4" 16.2" x 16.33" x 4.33" 6.25" x 8.5" x 5.87" 6.75" x 9.75" x 5.81" 9.72" x 9.53" x 9.72" 6.75" x 10.25" x 3.5" 28" x 30" x 26" 20" x 1" x 22" 9" x 10" x 20" HEAVY DUTY	SITS ON K-3 & K-11. 32oz. CAPACITY SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON K-1 & K-22 OR K-29 SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON K-8 - REFER TO E1.0 FOR WIRING SITS ON K-20 - REFER TO E1.0 FOR WIRING MOUNT ON K-1 ABOVE K-3. TOP OF SHELF = 51 A.F.F. (JUST UNDER CAP) SITS ON K-11 MOUNT ON K-15. HANG TO ITEM # K-15 MOUNT BUZZER IN CEILING, REFER TO SHEET E2.0	ITE NC KA
QUIP. SCHED. = YELL	NO. KA-1 KA-2 KA-3 KA-4 KA-5 KA-6 KA-7 KA-8 KA-9 KA-10 KA-11 KA-12 KA-13	2 MEAT SCALE 2 GARBAGE CANS 3 CASH REGISTER TOUCH MONITOR 3 CASH REGISTER DRAWER 3 CASH REGISTER PRINTER 2 REMOTE PRINTER 1 CASH REGISTER COMPUTER 2 REMOTE PRINTER SHELF 1 MEAT SLICER 1 POTATO CUTTER SUPPORT ASSBLY 1 POTATO CUTTER 1 DOORBELL BUZZER 1 LID DISPENSER	TAYLOR RUBBERMAID ELO VASARIO ITHACA ITHACA DELL S&G BIZERBA S&G NEMCO EDWARDS SAN JAMAR	TE 10 R SLIM JIM 3540 1525L-MSR VB320-BL1616 ITHERM 280 POSjet 1000 OPTIPLEX SX270 CUSTOM GSP V PS-ECS CUSTOM N55450-2 #800 L2912BK	SS/AL SS SS HIGH VOLT T POLYURETH	120 120 120 120 120 120	PH LOAD 10 10 10 10 10 10 10 10 10 1	HW	CW DI	IR INDIR	SIZE		(W x D x H) 8 1/16" x 7 3/4" x 2 1/4" 20" x 11" x 30" 17" x 8.2" x 15.4" 16.2" x 16.33" x 4.33" 6.25" x 8.5" x 5.87" 6.75" x 9.75" x 5.81" 9.72" x 9.53" x 9.72" 6.75" x 10.25" x 3.5" 28" x 30" x 26" 20" x 1" x 22" 9" x 10" x 20" HEAVY DUTY 7"W X 27"L	SITS ON K-3 & K-11. 32oz. CAPACITY SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON K-1 & K-22 OR K-29 SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON KA-8 - REFER TO E1.0 FOR WIRING SITS ON K-20 - REFER TO E1.0 FOR WIRING MOUNT ON K-1 ABOVE K-3. TOP OF SHELF = 51 A.F.F. (JUST UNDER CAP) SITS ON K-11 MOUNT ON K-15. HANG TO ITEM # K-15 MOUNT BUZZER IN CEILING, REFER TO SHEET E2.0 2-LID SIZE UNIT, SITS ON LOWER SHELF OF K-2	NC KA KA KA KA KA KA KA K
QUIP. SCHED. = YELL	NO. KA-1 KA-2 KA-3 KA-4 KA-5 KA-6 KA-7 KA-8 KA-10 KA-11 KA-12 KA-13 KA-14	2 MEAT SCALE 2 GARBAGE CANS 3 CASH REGISTER TOUCH MONITOR 3 CASH REGISTER DRAWER 3 CASH REGISTER PRINTER 2 REMOTE PRINTER 1 CASH REGISTER COMPUTER 2 REMOTE PRINTER SHELF 1 MEAT SLICER 1 POTATO CUTTER SUPPORT ASSBLY 1 POTATO CUTTER 1 DOORBELL BUZZER 1 LID DISPENSER 2 PAPER CUTTER ASSEMBLY	TAYLOR RUBBERMAID ELO VASARIO ITHACA ITHACA DELL S&G BIZERBA S&G NEMCO EDWARDS SAN JAMAR S&G	TE 10 R SLIM JIM 3540 1525L-MSR VB320-BL1616 ITHERM 280 POSjet 1000 OPTIPLEX SX270 CUSTOM GSP V PS-ECS CUSTOM N55450-2 #800 L2912BK PC18	SS/AL SS SS HIGH VOLT T POLYURETH	120 120 120 120 120 120 120	PH LOAD 1Ø 1Ø 1Ø 1Ø 1Ø 1Ø 1Ø 1Ø 1Ø ORMER. MOUNT BUTTO	HW NS N	EXT TO	IR INDIR	SIZE		(W x D x H) 8 1/16" x 7 3/4" x 2 1/4" 20" x 11" x 30" 17" x 8.2" x 15.4" 16.2" x 16.33" x 4.33" 6.25" x 8.5" x 5.87" 6.75" x 9.75" x 5.81" 9.72" x 9.53" x 9.72" 6.75" x 10.25" x 3.5" 28" x 30" x 26" 20" x 1" x 22" 9" x 10" x 20" HEAVY DUTY 7"W X 27"L 21" x 9" x 19-3/4"	SITS ON K-3 & K-11. 32oz. CAPACITY SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON K-1 & K-22 OR K-29 SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON K-8 - REFER TO E1.0 FOR WIRING SITS ON K-20 - REFER TO E1.0 FOR WIRING MOUNT ON K-1 ABOVE K-3. TOP OF SHELF = 51 A.F.F. (JUST UNDER CAP) SITS ON K-11 MOUNT ON K-15. HANG TO ITEM # K-15 MOUNT BUZZER IN CEILING, REFER TO SHEET E2.0 2-LID SIZE UNIT, SITS ON LOWER SHELF OF K-2 MOUNT ON K-1 & WALL ABOVE K-9. TOP OF SHELF = 51" A.F.F., verify clearance	NC KA KA KA KA KA KA KA K
Y EQUIP. SCHED. = YELL	NO. KA-1 KA-2 KA-3 KA-4 KA-5 KA-6 KA-7 KA-8 KA-9 KA-10 KA-11 KA-12 KA-13 KA-14 KA-15	2 MEAT SCALE 2 GARBAGE CANS 3 CASH REGISTER TOUCH MONITOR 3 CASH REGISTER DRAWER 3 CASH REGISTER PRINTER 2 REMOTE PRINTER 1 CASH REGISTER COMPUTER 2 REMOTE PRINTER SHELF 1 MEAT SLICER 1 POTATO CUTTER SUPPORT ASSBLY 1 POTATO CUTTER 1 DOORBELL BUZZER 1 LID DISPENSER 2 PAPER CUTTER ASSEMBLY 1 TEA BREWER	TAYLOR RUBBERMAID ELO VASARIO ITHACA ITHACA DELL S&G BIZERBA S&G NEMCO EDWARDS SAN JAMAR S&G BUNN	TE 10 R SLIM JIM 3540 1525L-MSR VB320-BL1616 ITHERM 280 POSjet 1000 OPTIPLEX SX270 CUSTOM GSP V PS-ECS CUSTOM N55450-2 #800 L2912BK PC18 TB3Q	SS/AL SS SS HIGH VOLT T POLYURETH SS SS	120 120 120 120 120 120 120 120 RANSF	PH LOAD 10 10 10 10 10 10 10 1	HW NS N	CW DI	IR INDIR	SIZE		(W x D x H) 8 1/16" x 7 3/4" x 2 1/4" 20" x 11" x 30" 17" x 8.2" x 15.4" 16.2" x 16.33" x 4.33" 6.25" x 8.5" x 5.87" 6.75" x 9.75" x 5.81" 9.72" x 9.53" x 9.72" 6.75" x 10.25" x 3.5" 28" x 30" x 26" 20" x 1" x 22" 9" x 10" x 20" HEAVY DUTY 7"W X 27"L 21" x 9" x 19-3/4" 11.55" x 22.39" x 34"	SITS ON K-3 & K-11. 32oz. CAPACITY SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON K-1 & K-22 OR K-29 SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON KA-8 - REFER TO E1.0 FOR WIRING SITS ON K-20 - REFER TO E1.0 FOR WIRING MOUNT ON K-1 ABOVE K-3. TOP OF SHELF = 51 A.F.F. (JUST UNDER CAP) SITS ON K-11 MOUNT ON K-15. HANG TO ITEM # K-15 MOUNT BUZZER IN CEILING, REFER TO SHEET E2.0 2-LID SIZE UNIT, SITS ON LOWER SHELF OF K-2 MOUNT ON K-1 & WALL ABOVE K-9. TOP OF SHELF = 51" A.F.F., verify clearance SITS ON K-17. COLD WATER = 18" A.F.F, 2'-6" FROM CORNER	NC KA KA KA KA KA KA KA K
T EQUIP. SOMED TELL	NO. KA-1 KA-2 KA-3 KA-4 KA-5 KA-6 KA-7 KA-8 KA-10 KA-11 KA-12 KA-13 KA-14 KA-15 KA-16	2 MEAT SCALE 2 GARBAGE CANS 3 CASH REGISTER TOUCH MONITOR 3 CASH REGISTER DRAWER 3 CASH REGISTER PRINTER 2 REMOTE PRINTER 1 CASH REGISTER COMPUTER 2 REMOTE PRINTER SHELF 1 MEAT SLICER 1 POTATO CUTTER SUPPORT ASSBLY 1 POTATO CUTTER 1 DOORBELL BUZZER 1 LID DISPENSER 2 PAPER CUTTER ASSEMBLY 1 TEA BREWER 1 LEMONADE DISPENSER	TAYLOR RUBBERMAID ELO VASARIO ITHACA ITHACA DELL S&G BIZERBA S&G NEMCO EDWARDS SAN JAMAR S&G BUNN CRATHCO	TE 10 R SLIM JIM 3540 1525L-MSR VB320-BL1616 ITHERM 280 POSjet 1000 OPTIPLEX SX270 CUSTOM GSP V PS-ECS CUSTOM N55450-2 #800 L2912BK PC18 TB3Q D15-4	SS/AL SS SS HIGH VOLT T POLYURETH SS SS SS/PL	120 120 120 120 120 120 120 120 RANSF	PH LOAD 1Ø 1Ø 1Ø 1Ø 1Ø 1Ø 1Ø 1Ø 1Ø ORMER. MOUNT BUTTO	HW NS N	EXT TO	IR INDIR	SIZE		(W x D x H) 8 1/16" x 7 3/4" x 2 1/4" 20" x 11" x 30" 17" x 8.2" x 15.4" 16.2" x 16.33" x 4.33" 6.25" x 8.5" x 5.87" 6.75" x 9.75" x 5.81" 9.72" x 9.53" x 9.72" 6.75" x 10.25" x 3.5" 28" x 30" x 26" 20" x 1" x 22" 9" x 10" x 20" HEAVY DUTY 7"W X 27"L 21" x 9" x 19-3/4" 11.55" x 22.39" x 34" 10 1/8" x 15 7/8" x 27 1/4"	SITS ON K-3 & K-11. 32oz. CAPACITY SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON K-1 & K-22 OR K-29 SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON KA-8 - REFER TO E1.0 FOR WIRING SITS ON K-20 - REFER TO E1.0 FOR WIRING MOUNT ON K-1 ABOVE K-3. TOP OF SHELF = 51 A.F.F. (JUST UNDER CAP) SITS ON K-11 MOUNT ON K-15. HANG TO ITEM # K-15 MOUNT BUZZER IN CEILING, REFER TO SHEET E2.0 2-LID SIZE UNIT, SITS ON LOWER SHELF OF K-2 MOUNT ON K-1 & WALL ABOVE K-9. TOP OF SHELF = 51" A.F.F., verify clearance SITS ON K-17. COLD WATER = 18" A.F.F, 2'-6" FROM CORNER MODIFIED W/ PULP COLLECTOR. SITS ON K-2	NC KA KA KA KA KA KA KA K
OURT EQUIF. SUMED TELL	NO. KA-1 KA-2 KA-3 KA-4 KA-5 KA-6 KA-7 KA-8 KA-10 KA-11 KA-12 KA-13 KA-14 KA-15 KA-16 KA-17	2 MEAT SCALE 2 GARBAGE CANS 3 CASH REGISTER TOUCH MONITOR 3 CASH REGISTER DRAWER 3 CASH REGISTER PRINTER 2 REMOTE PRINTER 1 CASH REGISTER COMPUTER 2 REMOTE PRINTER SHELF 1 MEAT SLICER 1 POTATO CUTTER SUPPORT ASSBLY 1 POTATO CUTTER 1 DOORBELL BUZZER 1 LID DISPENSER 2 PAPER CUTTER ASSEMBLY 1 TEA BREWER 1 LEMONADE DISPENSER 1 LEMON JUICER	TAYLOR RUBBERMAID ELO VASARIO ITHACA ITHACA DELL S&G BIZERBA S&G NEMCO EDWARDS SAN JAMAR S&G BUNN CRATHCO NEMCO	TE 10 R SLIM JIM 3540 1525L-MSR VB320-BL1616 ITHERM 280 POSjet 1000 OPTIPLEX SX270 CUSTOM GSP V PS-ECS CUSTOM N55450-2 #800 L2912BK PC18 TB3Q D15-4 N55850	SS/AL SS SS HIGH VOLT T POLYURETH SS SS SS SS/PL SS	120 120 120 120 120 120 120 120 RANSF	PH LOAD 10 10 10 10 10 10 10 10 10 1	HW NS N	EXT TO	IR INDIR	SIZE		(W x D x H) 8 1/16" x 7 3/4" x 2 1/4" 20" x 11" x 30" 17" x 8.2" x 15.4" 16.2" x 16.33" x 4.33" 6.25" x 8.5" x 5.87" 6.75" x 9.75" x 5.81" 9.72" x 9.53" x 9.72" 6.75" x 10.25" x 3.5" 28" x 30" x 26" 20" x 1" x 22" 9" x 10" x 20" HEAVY DUTY 7"W X 27"L 21" x 9" x 19-3/4" 11.55" x 22.39" x 34" 10 1/8" x 15 7/8" x 27 1/4" 7 1/2" x 9 x 19"	SITS ON K-3 & K-11. 32oz. CAPACITY SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON K-1 & K-22 OR K-29 SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON K-8 - REFER TO E1.0 FOR WIRING SITS ON K-20 - REFER TO E1.0 FOR WIRING MOUNT ON K-1 ABOVE K-3. TOP OF SHELF = 51 A.F.F. (JUST UNDER CAP) SITS ON K-11 MOUNT ON K-15. HANG TO ITEM # K-15 MOUNT BUZZER IN CEILING, REFER TO SHEET E2.0 2-LID SIZE UNIT, SITS ON LOWER SHELF OF K-2 MOUNT ON K-1 & WALL ABOVE K-9. TOP OF SHELF = 51" A.F.F., verify clearance SITS ON K-17. COLD WATER = 18" A.F.F., 2'-6" FROM CORNER MODIFIED w/ PULP COLLECTOR. SITS ON K-2 SITS ON K-2	NC KA KA KA KA KA KA KA K
SORI EQUIP. SONED TELL	NO. KA-1 KA-2 KA-3 KA-4 KA-5 KA-6 KA-7 KA-8 KA-9 KA-10 KA-11 KA-12 KA-13 KA-14 KA-15 KA-16 KA-17 KA-18	2 MEAT SCALE 2 GARBAGE CANS 3 CASH REGISTER TOUCH MONITOR 3 CASH REGISTER DRAWER 3 CASH REGISTER PRINTER 2 REMOTE PRINTER 1 CASH REGISTER COMPUTER 2 REMOTE PRINTER SHELF 1 MEAT SLICER 1 POTATO CUTTER SUPPORT ASSBLY 1 POTATO CUTTER 1 DOORBELL BUZZER 1 LID DISPENSER 2 PAPER CUTTER ASSEMBLY 1 TEA BREWER 1 LEMONADE DISPENSER 1 LEMON JUICER 1 LEMON BASKET	TAYLOR RUBBERMAID ELO VASARIO ITHACA ITHACA DELL S&G BIZERBA S&G NEMCO EDWARDS SAN JAMAR S&G BUNN CRATHCO NEMCO ARCHER WIRE	TE 10 R SLIM JIM 3540 1525L-MSR VB320-BL1616 ITHERM 280 POSjet 1000 OPTIPLEX SX270 CUSTOM GSP V PS-ECS CUSTOM N55450-2 #800 L2912BK PC18 TB3Q D15-4 N55850 1/2 SIZE BASKET	SS/AL SS SS HIGH VOLT T POLYURETH SS SS SS/PL SS CHROME	120 120 120 120 120 120 120 120 RANSF	PH LOAD 10 10 10 10 10 10 10 10 10 1	HW NS N	EXT TO	IR INDIR	SIZE		(W x D x H) 8 1/16" x 7 3/4" x 2 1/4" 20" x 11" x 30" 17" x 8.2" x 15.4" 16.2" x 16.33" x 4.33" 6.25" x 8.5" x 5.87" 6.75" x 9.75" x 5.81" 9.72" x 9.53" x 9.72" 6.75" x 10.25" x 3.5" 28" x 30" x 26" 20" x 1" x 22" 9" x 10" x 20" HEAVY DUTY 7"W X 27"L 21" x 9" x 19-3/4" 11.55" x 22.39" x 34" 10 1/8" x 15 7/8" x 27 1/4" 7 1/2" x 9 x 19" 9.47" x 11.59" x 5.88"	SITS ON K-3 & K-11. 32oz. CAPACITY SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON K-1 & K-22 OR K-29 SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON KA-8 - REFER TO E1.0 FOR WIRING SITS ON K-20 - REFER TO E1.0 FOR WIRING MOUNT ON K-1 ABOVE K-3. TOP OF SHELF = 51 A.F.F. (JUST UNDER CAP) SITS ON K-11 MOUNT ON K-15. HANG TO ITEM # K-15 MOUNT BUZZER IN CEILING, REFER TO SHEET E2.0 2-LID SIZE UNIT, SITS ON LOWER SHELF OF K-2 MOUNT ON K-1 & WALL ABOVE K-9. TOP OF SHELF = 51" A.F.F., verify clearance SITS ON K-17. COLD WATER = 18" A.F.F, 2'-6" FROM CORNER MODIFIED w/ PULP COLLECTOR. SITS ON K-2 SITS ON K-2	NC KA KA KA KA KA KA KA K
OUIVI EQUIF. OUTIED LEEL	NO. KA-1 KA-2 KA-3 KA-4 KA-5 KA-6 KA-7 KA-8 KA-9 KA-10 KA-11 KA-12 KA-13 KA-14 KA-15 KA-16 KA-17 KA-18 KA-19	2 MEAT SCALE 2 GARBAGE CANS 3 CASH REGISTER TOUCH MONITOR 3 CASH REGISTER DRAWER 3 CASH REGISTER PRINTER 2 REMOTE PRINTER 1 CASH REGISTER COMPUTER 2 REMOTE PRINTER SHELF 1 MEAT SLICER 1 POTATO CUTTER SUPPORT ASSBLY 1 POTATO CUTTER 1 DOORBELL BUZZER 1 LID DISPENSER 2 PAPER CUTTER ASSEMBLY 1 TEA BREWER 1 LEMONADE DISPENSER 1 LEMON JUICER 1 LEMON BASKET 1 CONDIMENT & BAG HOLDER	TAYLOR RUBBERMAID ELO VASARIO ITHACA ITHACA DELL S&G BIZERBA S&G NEMCO EDWARDS SAN JAMAR S&G BUNN CRATHCO NEMCO ARCHER WIRE S&G	TE 10 R SLIM JIM 3540 1525L-MSR VB320-BL1616 ITHERM 280 POSjet 1000 OPTIPLEX SX270 CUSTOM GSP V PS-ECS CUSTOM N55450-2 #800 L2912BK PC18 TB3Q D15-4 N55850 1/2 SIZE BASKET CUSTOM	SS/AL SS SS HIGH VOLT T POLYURETH SS SS SS/PL SS CHROME SS	120 120 120 120 120 120 120 120 RANSF	PH LOAD 10 10 10 10 10 10 10 10 10 1	HW NS N	EXT TO	IR INDIR	SIZE		(W x D x H) 8 1/16" x 7 3/4" x 2 1/4" 20" x 11" x 30" 17" x 8.2" x 15.4" 16.2" x 16.33" x 4.33" 6.25" x 8.5" x 5.87" 6.75" x 9.75" x 5.81" 9.72" x 9.53" x 9.72" 6.75" x 10.25" x 3.5" 28" x 30" x 26" 20" x 1" x 22" 9" x 10" x 20" HEAVY DUTY 7"W X 27"L 21" x 9" x 19-3/4" 11.55" x 22.39" x 34" 10 1/8" x 15 7/8" x 27 1/4" 7 1/2" x 9 x 19" 9.47" x 11.59" x 5.88" 13" x 11 1/4" x 11"	SITS ON K-3 & K-11. 32oz. CAPACITY SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON K-1 & K-22 OR K-29 SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON KA-8 - REFER TO E1.0 FOR WIRING SITS ON K-20 - REFER TO E1.0 FOR WIRING MOUNT ON K-1 ABOVE K-3. TOP OF SHELF = 51 A.F.F. (JUST UNDER CAP) SITS ON K-11 MOUNT ON K-15. HANG TO ITEM # K-15 MOUNT BUZZER IN CEILING, REFER TO SHEET E2.0 2-LID SIZE UNIT, SITS ON LOWER SHELF OF K-2 MOUNT ON K-1 & WALL ABOVE K-9. TOP OF SHELF = 51" A.F.F., verify clearance SITS ON K-17. COLD WATER = 18" A.F.F, 2'-6" FROM CORNER MODIFIED w/ PULP COLLECTOR. SITS ON K-2 SITS ON K-2 SITS ON K-2 SITS ON K-2	NC KA KA KA KA KA KA KA K
JONI EMOIF. JOIILD I LEL	NO. KA-1 KA-2 KA-3 KA-4 KA-5 KA-6 KA-7 KA-8 KA-10 KA-11 KA-12 KA-13 KA-14 KA-15 KA-16 KA-17 KA-18 KA-19 KA-20	2 MEAT SCALE 2 GARBAGE CANS 3 CASH REGISTER TOUCH MONITOR 3 CASH REGISTER DRAWER 3 CASH REGISTER PRINTER 2 REMOTE PRINTER 1 CASH REGISTER COMPUTER 2 REMOTE PRINTER SHELF 1 MEAT SLICER 1 POTATO CUTTER SUPPORT ASSBLY 1 POTATO CUTTER 1 DOORBELL BUZZER 1 LID DISPENSER 2 PAPER CUTTER ASSEMBLY 1 TEA BREWER 1 LEMONADE DISPENSER 1 LEMON JUICER 1 LEMON BASKET 1 CONDIMENT & BAG HOLDER 1 CONDIMENT HOLDER	TAYLOR RUBBERMAID ELO VASARIO ITHACA ITHACA DELL S&G BIZERBA S&G NEMCO EDWARDS SAN JAMAR S&G BUNN CRATHCO NEMCO ARCHER WIRE S&G S&G S&G	TE 10 R SLIM JIM 3540 1525L-MSR VB320-BL1616 ITHERM 280 POSjet 1000 OPTIPLEX SX270 CUSTOM GSP V PS-ECS CUSTOM N55450-2 #800 L2912BK PC18 TB3Q D15-4 N55850 1/2 SIZE BASKET CUSTOM CUSTOM CUSTOM	SS/AL SS SS HIGH VOLT T POLYURETH SS SS SS CHROME SS SS	120 120 120 120 120 120 120 120 RANSF	PH LOAD 10 10 10 10 10 10 10 10 10 1	HW NS N	EXT TO	IR INDIR	SIZE		(W x D x H) 8 1/16" x 7 3/4" x 2 1/4" 20" x 11" x 30" 17" x 8.2" x 15.4" 16.2" x 16.33" x 4.33" 6.25" x 8.5" x 5.87" 6.75" x 9.75" x 5.81" 9.72" x 9.53" x 9.72" 6.75" x 10.25" x 3.5" 28" x 30" x 26" 20" x 1" x 22" 9" x 10" x 20" HEAVY DUTY 7"W X 27"L 21" x 9" x 19-3/4" 11.55" x 22.39" x 34" 10 1/8" x 15 7/8" x 27 1/4" 7 1/2" x 9 x 19" 9.47" x 11.59" x 5.88" 13" x 11 1/4" x 11" 13" x 11 1/4" x 5"	SITS ON K-3 & K-11. 32oz. CAPACITY SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON K-1 & K-22 OR K-29 SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON KA-8 - REFER TO E1.0 FOR WIRING SITS ON K-20 - REFER TO E1.0 FOR WIRING MOUNT ON K-1 ABOVE K-3. TOP OF SHELF = 51 A.F.F. (JUST UNDER CAP) SITS ON K-11 MOUNT ON K-15. HANG TO ITEM # K-15 MOUNT BUZZER IN CEILING, REFER TO SHEET E2.0 2-LID SIZE UNIT, SITS ON LOWER SHELF OF K-2 MOUNT ON K-1 & WALL ABOVE K-9. TOP OF SHELF = 51" A.F.F., verify clearance SITS ON K-17. COLD WATER = 18" A.F.F, 2'-6" FROM CORNER MODIFIED w/ PULP COLLECTOR. SITS ON K-2	NC KA KA KA KA KA KA KA K
COESSONI EQUIP. SOMED LELL	NO. KA-1 KA-2 KA-3 KA-4 KA-5 KA-6 KA-7 KA-8 KA-10 KA-11 KA-12 KA-13 KA-14 KA-15 KA-16 KA-17 KA-18 KA-19 KA-20 KA-21	2 MEAT SCALE 2 GARBAGE CANS 3 CASH REGISTER TOUCH MONITOR 3 CASH REGISTER DRAWER 3 CASH REGISTER PRINTER 2 REMOTE PRINTER 1 CASH REGISTER COMPUTER 2 REMOTE PRINTER SHELF 1 MEAT SLICER 1 POTATO CUTTER SUPPORT ASSBLY 1 POTATO CUTTER 1 DOORBELL BUZZER 1 LID DISPENSER 2 PAPER CUTTER ASSEMBLY 1 TEA BREWER 1 LEMONADE DISPENSER 1 LEMON JUICER 1 LEMON BASKET 1 CONDIMENT & BAG HOLDER 2 ICED TEA DISPENSER	TAYLOR RUBBERMAID ELO VASARIO ITHACA ITHACA DELL S&G BIZERBA S&G NEMCO EDWARDS SAN JAMAR S&G BUNN CRATHCO NEMCO ARCHER WIRE S&G	TE 10 R SLIM JIM 3540 1525L-MSR VB320-BL1616 ITHERM 280 POSjet 1000 OPTIPLEX SX270 CUSTOM GSP V PS-ECS CUSTOM N55450-2 #800 L2912BK PC18 TB3Q D15-4 N55850 1/2 SIZE BASKET CUSTOM CUSTOM CUSTOM CUSTOM	SS/AL SS SS HIGH VOLT T POLYURETH SS SS SS/PL SS CHROME SS	120 120 120 120 120 120 120 120 RANSF	PH LOAD 10 10 10 10 10 10 10 10 10 1	HW NS N	EXT TO	IR INDIR	SIZE		(W x D x H) 8 1/16" x 7 3/4" x 2 1/4" 20" x 11" x 30" 17" x 8.2" x 15.4" 16.2" x 16.33" x 4.33" 6.25" x 8.5" x 5.87" 6.75" x 9.75" x 5.81" 9.72" x 9.53" x 9.72" 6.75" x 10.25" x 3.5" 28" x 30" x 26" 20" x 1" x 22" 9" x 10" x 20" HEAVY DUTY 7"W X 27"L 21" x 9" x 19-3/4" 11.55" x 22.39" x 34" 10 1/8" x 15 7/8" x 27 1/4" 7 1/2" x 9 x 19" 9.47" x 11.59" x 5.88" 13" x 11 1/4" x 11" 13" x 11 1/4" x 5" 9.8" x 12.8" x 19"	SITS ON K-3 & K-11. 32oz. CAPACITY SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON K-1 & K-22 OR K-29 SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON K-8 - REFER TO E1.0 FOR WIRING SITS ON K-20 - REFER TO E1.0 FOR WIRING MOUNT ON K-1 ABOVE K-3. TOP OF SHELF = 51 A.F.F. (JUST UNDER CAP) SITS ON K-11 MOUNT ON K-15. HANG TO ITEM # K-15 MOUNT BUZZER IN CEILING, REFER TO SHEET E2.0 2-LID SIZE UNIT, SITS ON LOWER SHELF OF K-2 MOUNT ON K-1 & WALL ABOVE K-9. TOP OF SHELF = 51" A.F.F., verify clearance SITS ON K-17. COLD WATER = 18" A.F.F, 2'-6" FROM CORNER MODIFIED w/ PULP COLLECTOR. SITS ON K-2 SITS ON K-2 SITS ON K-2 SITS ON K-12 SITS ON K-12 SITS ON K-17	NC KA KA KA KA KA KA KA K
. AUVESSURT EQUIP. SUMED TELL	NO. KA-1 KA-2 KA-3 KA-4 KA-5 KA-6 KA-7 KA-8 KA-10 KA-11 KA-12 KA-13 KA-14 KA-15 KA-16 KA-17 KA-18 KA-19 KA-20	2 MEAT SCALE 2 GARBAGE CANS 3 CASH REGISTER TOUCH MONITOR 3 CASH REGISTER DRAWER 3 CASH REGISTER PRINTER 2 REMOTE PRINTER 1 CASH REGISTER COMPUTER 2 REMOTE PRINTER SHELF 1 MEAT SLICER 1 POTATO CUTTER SUPPORT ASSBLY 1 POTATO CUTTER 1 DOORBELL BUZZER 1 LID DISPENSER 2 PAPER CUTTER ASSEMBLY 1 TEA BREWER 1 LEMONADE DISPENSER 1 LEMON JUICER 1 LEMON BASKET 1 CONDIMENT & BAG HOLDER 1 CONDIMENT HOLDER	TAYLOR RUBBERMAID ELO VASARIO ITHACA ITHACA DELL S&G BIZERBA S&G NEMCO EDWARDS SAN JAMAR S&G BUNN CRATHCO NEMCO ARCHER WIRE S&G S&G S&G	TE 10 R SLIM JIM 3540 1525L-MSR VB320-BL1616 ITHERM 280 POSjet 1000 OPTIPLEX SX270 CUSTOM GSP V PS-ECS CUSTOM N55450-2 #800 L2912BK PC18 TB3Q D15-4 N55850 1/2 SIZE BASKET CUSTOM CUSTOM CUSTOM	SS/AL SS SS HIGH VOLT T POLYURETH SS SS SS CHROME SS SS	120 120 120 120 120 120 120 120 RANSF	PH LOAD 10 10 10 10 10 10 10 10 10 1	HW NS N	EXT TO	IR INDIR	SIZE		(W x D x H) 8 1/16" x 7 3/4" x 2 1/4" 20" x 11" x 30" 17" x 8.2" x 15.4" 16.2" x 16.33" x 4.33" 6.25" x 8.5" x 5.87" 6.75" x 9.75" x 5.81" 9.72" x 9.53" x 9.72" 6.75" x 10.25" x 3.5" 28" x 30" x 26" 20" x 1" x 22" 9" x 10" x 20" HEAVY DUTY 7"W X 27"L 21" x 9" x 19-3/4" 11.55" x 22.39" x 34" 10 1/8" x 15 7/8" x 27 1/4" 7 1/2" x 9 x 19" 9.47" x 11.59" x 5.88" 13" x 11 1/4" x 11" 13" x 11 1/4" x 5"	SITS ON K-3 & K-11. 32oz. CAPACITY SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON K-1 & K-22 OR K-29 SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON KA-8 - REFER TO E1.0 FOR WIRING SITS ON K-20 - REFER TO E1.0 FOR WIRING MOUNT ON K-1 ABOVE K-3. TOP OF SHELF = 51 A.F.F. (JUST UNDER CAP) SITS ON K-11 MOUNT ON K-15. HANG TO ITEM # K-15 MOUNT BUZZER IN CEILING, REFER TO SHEET E2.0 2-LID SIZE UNIT, SITS ON LOWER SHELF OF K-2 MOUNT ON K-1 & WALL ABOVE K-9. TOP OF SHELF = 51" A.F.F., verify clearance SITS ON K-17. COLD WATER = 18" A.F.F, 2'-6" FROM CORNER MODIFIED w/ PULP COLLECTOR. SITS ON K-2 SITS ON K-2 SITS ON K-2 SITS ON K-2 SITS ON K-17 5 HOOKS. MOUNT @ 6'-6" A.F.F. MIN. TO CENTER.	NC KA KA KA KA KA KA KA K
. AUCESSURT EQUIP. SUMED. = TELL	NO. KA-1 KA-2 KA-3 KA-4 KA-5 KA-6 KA-7 KA-8 KA-10 KA-11 KA-12 KA-13 KA-14 KA-15 KA-16 KA-17 KA-18 KA-19 KA-20 KA-21	2 MEAT SCALE 2 GARBAGE CANS 3 CASH REGISTER TOUCH MONITOR 3 CASH REGISTER DRAWER 3 CASH REGISTER PRINTER 2 REMOTE PRINTER 1 CASH REGISTER COMPUTER 2 REMOTE PRINTER SHELF 1 MEAT SLICER 1 POTATO CUTTER SUPPORT ASSBLY 1 POTATO CUTTER 1 DOORBELL BUZZER 1 LID DISPENSER 2 PAPER CUTTER ASSEMBLY 1 TEA BREWER 1 LEMONADE DISPENSER 1 LEMON JUICER 1 LEMON BASKET 1 CONDIMENT & BAG HOLDER 2 ICED TEA DISPENSER	TAYLOR RUBBERMAID ELO VASARIO ITHACA ITHACA DELL S&G BIZERBA S&G NEMCO EDWARDS SAN JAMAR S&G BUNN CRATHCO NEMCO ARCHER WIRE S&G S&G S&G	TE 10 R SLIM JIM 3540 1525L-MSR VB320-BL1616 ITHERM 280 POSjet 1000 OPTIPLEX SX270 CUSTOM GSP V PS-ECS CUSTOM N55450-2 #800 L2912BK PC18 TB3Q D15-4 N55850 1/2 SIZE BASKET CUSTOM CUSTOM CUSTOM CUSTOM	SS/AL SS SS HIGH VOLT T POLYURETH SS SS SS CHROME SS SS	120 120 120 120 120 120 120 120 RANSF	PH LOAD 10 10 10 10 10 10 10 10 10 1	HW NS N	EXT TO	IR INDIR	SIZE		(W x D x H) 8 1/16" x 7 3/4" x 2 1/4" 20" x 11" x 30" 17" x 8.2" x 15.4" 16.2" x 16.33" x 4.33" 6.25" x 8.5" x 5.87" 6.75" x 9.75" x 5.81" 9.72" x 9.53" x 9.72" 6.75" x 10.25" x 3.5" 28" x 30" x 26" 20" x 1" x 22" 9" x 10" x 20" HEAVY DUTY 7"W X 27"L 21" x 9" x 19-3/4" 11.55" x 22.39" x 34" 10 1/8" x 15 7/8" x 27 1/4" 7 1/2" x 9 x 19" 9.47" x 11.59" x 5.88" 13" x 11 1/4" x 11" 13" x 11 1/4" x 5" 9.8" x 12.8" x 19" 24" x 3/4" x 6" 24" x 3/4" x 24"	SITS ON K-3 & K-11. 32oz. CAPACITY SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON K-1 & K-22 OR K-29 SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON K-8 - REFER TO E1.0 FOR WIRING SITS ON K-20 - REFER TO E1.0 FOR WIRING MOUNT ON K-1 ABOVE K-3. TOP OF SHELF = 51 A.F.F. (JUST UNDER CAP) SITS ON K-11 MOUNT ON K-15. HANG TO ITEM # K-15 MOUNT BUZZER IN CEILING, REFER TO SHEET E2.0 2-LID SIZE UNIT, SITS ON LOWER SHELF OF K-2 MOUNT ON K-1 & WALL ABOVE K-9. TOP OF SHELF = 51" A.F.F., verify clearance SITS ON K-17. COLD WATER = 18" A.F.F, 2'-6" FROM CORNER MODIFIED w/ PULP COLLECTOR. SITS ON K-2 SITS ON K-2 SITS ON K-2 SITS ON K-2 SITS ON K-12 SITS ON K-17 5 HOOKS. MOUNT @ 6'-6" A.F.F. MIN. TO CENTER. MOUNT ON WALL ABOVE K-20, REFER TO A.10.	NC KA KA KA KA KA KA KA K
. ACCESSURY EQUIP. SCHED. = YELL	NO. KA-1 KA-2 KA-3 KA-4 KA-5 KA-6 KA-7 KA-8 KA-10 KA-11 KA-12 KA-13 KA-14 KA-15 KA-16 KA-17 KA-18 KA-19 KA-20 KA-21 KA-22	2 MEAT SCALE 2 GARBAGE CANS 3 CASH REGISTER TOUCH MONITOR 3 CASH REGISTER DRAWER 3 CASH REGISTER PRINTER 2 REMOTE PRINTER 1 CASH REGISTER COMPUTER 2 REMOTE PRINTER SHELF 1 MEAT SLICER 1 POTATO CUTTER SUPPORT ASSBLY 1 POTATO CUTTER 1 DOORBELL BUZZER 1 LID DISPENSER 2 PAPER CUTTER ASSEMBLY 1 TEA BREWER 1 LEMONADE DISPENSER 1 LEMON JUICER 1 CONDIMENT & BAG HOLDER 1 CONDIMENT HOLDER 2 ICED TEA DISPENSER 1 EMPLOYEE COAT RACK	TAYLOR RUBBERMAID ELO VASARIO ITHACA ITHACA DELL S&G BIZERBA S&G NEMCO EDWARDS SAN JAMAR S&G BUNN CRATHCO NEMCO ARCHER WIRE S&G S&G S&G	TE 10 R SLIM JIM 3540 1525L-MSR VB320-BL1616 ITHERM 280 POSjet 1000 OPTIPLEX SX270 CUSTOM GSP V PS-ECS CUSTOM N55450-2 #800 L2912BK PC18 TB3Q D15-4 N55850 1/2 SIZE BASKET CUSTOM CUSTOM CUSTOM CUSTOM	SS/AL SS SS HIGH VOLT T POLYURETH SS SS SS CHROME SS SS	120 120 120 120 120 120 120 120 RANSF	PH LOAD 10 10 10 10 10 10 10 10 10 1	HW NS N	EXT TO	IR INDIR	SIZE		(W x D x H) 8 1/16" x 7 3/4" x 2 1/4" 20" x 11" x 30" 17" x 8.2" x 15.4" 16.2" x 16.33" x 4.33" 6.25" x 8.5" x 5.87" 6.75" x 9.75" x 5.81" 9.72" x 9.53" x 9.72" 6.75" x 10.25" x 3.5" 28" x 30" x 26" 20" x 1" x 22" 9" x 10" x 20" HEAVY DUTY 7"W X 27"L 21" x 9" x 19-3/4" 11.55" x 22.39" x 34" 10 1/8" x 15 7/8" x 27 1/4" 7 1/2" x 9 x 19" 9.47" x 11.59" x 5.88" 13" x 11 1/4" x 11" 13" x 11 1/4" x 5" 9.8" x 12.8" x 19" 24" x 3/4" x 6"	SITS ON K-3 & K-11. 32oz. CAPACITY SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON K-1 & K-22 OR K-29 SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON KA-8 - REFER TO E1.0 FOR WIRING SITS ON K-20 - REFER TO E1.0 FOR WIRING MOUNT ON K-1 ABOVE K-3. TOP OF SHELF = 51 A.F.F. (JUST UNDER CAP) SITS ON K-11 MOUNT ON K-15. HANG TO ITEM # K-15 MOUNT BUZZER IN CEILING, REFER TO SHEET E2.0 2-LID SIZE UNIT, SITS ON LOWER SHELF OF K-2 MOUNT ON K-1 & WALL ABOVE K-9. TOP OF SHELF = 51" A.F.F., verify clearance SITS ON K-17. COLD WATER = 18" A.F.F, 2'-6" FROM CORNER MODIFIED w/ PULP COLLECTOR. SITS ON K-2 SITS ON K-2 SITS ON K-2 SITS ON K-2 SITS ON K-17 5 HOOKS. MOUNT @ 6'-6" A.F.F. MIN. TO CENTER.	NC KA KA KA KA KA KA KA K
KIICH. ACCESSORY EQUIP. SCHED. = YELLOW	NO. KA-1 KA-2 KA-3 KA-4 KA-5 KA-6 KA-7 KA-8 KA-10 KA-11 KA-12 KA-13 KA-14 KA-15 KA-16 KA-17 KA-18 KA-19 KA-20 KA-21 KA-22 KA-23	2 MEAT SCALE 2 GARBAGE CANS 3 CASH REGISTER TOUCH MONITOR 3 CASH REGISTER DRAWER 3 CASH REGISTER PRINTER 2 REMOTE PRINTER 1 CASH REGISTER COMPUTER 2 REMOTE PRINTER SHELF 1 MEAT SLICER 1 POTATO CUTTER SUPPORT ASSBLY 1 POTATO CUTTER 1 DOORBELL BUZZER 1 LID DISPENSER 2 PAPER CUTTER ASSEMBLY 1 TEA BREWER 1 LEMONADE DISPENSER 1 LEMON JUICER 1 LEMON BASKET 1 CONDIMENT & BAG HOLDER 1 CONDIMENT HOLDER 2 ICED TEA DISPENSER 1 EMPLOYEE COAT RACK 1 BULLETIN BOARD	TAYLOR RUBBERMAID ELO VASARIO ITHACA ITHACA DELL S&G BIZERBA S&G NEMCO EDWARDS SAN JAMAR S&G BUNN CRATHCO NEMCO ARCHER WIRE S&G BUNN	TE 10 R SLIM JIM 3540 1525L-MSR VB320-BL1616 ITHERM 280 POSjet 1000 OPTIPLEX SX270 CUSTOM GSP V PS-ECS CUSTOM N55450-2 #800 L2912BK PC18 TB3Q D15-4 N55850 1/2 SIZE BASKET CUSTOM CUSTOM CUSTOM CUSTOM CUSTOM CUSTOM	SS/AL SS SS HIGH VOLT T POLYURETH SS SS SS/PL SS CHROME SS SS	120 120 120 120 120 120 120 120 RANSF	PH LOAD 10 10 10 10 10 10 10 10 10 1	HW NS N	EXT TO	IR INDIR	SIZE	P/U WINDOW-	(W x D x H) 8 1/16" x 7 3/4" x 2 1/4" 20" x 11" x 30" 17" x 8.2" x 15.4" 16.2" x 16.33" x 4.33" 6.25" x 8.5" x 5.87" 6.75" x 9.75" x 5.81" 9.72" x 9.53" x 9.72" 6.75" x 10.25" x 3.5" 28" x 30" x 26" 20" x 1" x 22" 9" x 10" x 20" HEAVY DUTY 7"W X 27"L 21" x 9" x 19-3/4" 11.55" x 22.39" x 34" 10 1/8" x 15 7/8" x 27 1/4" 7 1/2" x 9 x 19" 9.47" x 11.59" x 5.88" 13" x 11 1/4" x 11" 13" x 11 1/4" x 5" 9.8" x 12.8" x 19" 24" x 3/4" x 6" 24" x 3/4" x 24"	SITS ON K-3 & K-11. 32oz. CAPACITY SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON K-1 & K-22 OR K-29 SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON K-8 - REFER TO E1.0 FOR WIRING SITS ON K-20 - REFER TO E1.0 FOR WIRING MOUNT ON K-1 ABOVE K-3. TOP OF SHELF = 51 A.F.F. (JUST UNDER CAP) SITS ON K-11 MOUNT ON K-15. HANG TO ITEM # K-15 MOUNT BUZZER IN CEILING, REFER TO SHEET E2.0 2-LID SIZE UNIT, SITS ON LOWER SHELF OF K-2 MOUNT ON K-1 & WALL ABOVE K-9. TOP OF SHELF = 51" A.F.F., verify clearance SITS ON K-17. COLD WATER = 18" A.F.F, 2'-6" FROM CORNER MODIFIED w/ PULP COLLECTOR. SITS ON K-2 SITS ON K-2 SITS ON K-2 SITS ON K-2 SITS ON K-12 SITS ON K-17 5 HOOKS. MOUNT @ 6'-6" A.F.F. MIN. TO CENTER. MOUNT ON WALL ABOVE K-20, REFER TO A.10.	NC KA KA KA KA KA KA KA K
ICH. ACCESSORY EQUIP. SCHED. = YELL	NO. KA-1 KA-2 KA-3 KA-4 KA-5 KA-6 KA-7 KA-8 KA-10 KA-11 KA-12 KA-13 KA-14 KA-15 KA-16 KA-17 KA-18 KA-20 KA-20 KA-21 KA-22 KA-23 KA-24	2 MEAT SCALE 2 GARBAGE CANS 3 CASH REGISTER TOUCH MONITOR 3 CASH REGISTER DRAWER 3 CASH REGISTER PRINTER 2 REMOTE PRINTER 1 CASH REGISTER COMPUTER 2 REMOTE PRINTER SHELF 1 MEAT SLICER 1 POTATO CUTTER SUPPORT ASSBLY 1 POTATO CUTTER 1 DOORBELL BUZZER 1 LID DISPENSER 2 PAPER CUTTER ASSEMBLY 1 TEA BREWER 1 LEMONADE DISPENSER 1 LEMON JUICER 1 LEMON BASKET 1 CONDIMENT & BAG HOLDER 1 CONDIMENT HOLDER 2 ICED TEA DISPENSER 1 EMPLOYEE COAT RACK 1 BULLETIN BOARD 2 TICKET BAR	TAYLOR RUBBERMAID ELO VASARIO ITHACA ITHACA ITHACA BELL S&G BIZERBA S&G NEMCO EDWARDS SAN JAMAR S&G BUNN CRATHCO NEMCO ARCHER WIRE S&G S&G BUNN ACHER WIRE	TE 10 R SLIM JIM 3540 1525L-MSR VB320-BL1616 ITHERM 280 POSjet 1000 OPTIPLEX SX270 CUSTOM GSP V PS-ECS CUSTOM N55450-2 #800 L2912BK PC18 TB3Q D15-4 N55850 1/2 SIZE BASKET CUSTOM CUSTOM CUSTOM CUSTOM CUSTOM CUSTOM CUSTOM CUSTOM	SS SS SS/AL SS SS HIGH VOLT T POLYURETH SS SS SS/PL SS CHROME SS	120 120 120 120 120 120 120 120 120 120	PH LOAD 10 10 10 10 10 10 10 10 10 1	HW NS N	EXT TO	IR INDIR	SIZE	P/U WINDOW-	(W x D x H) 8 1/16" x 7 3/4" x 2 1/4" 20" x 11" x 30" 17" x 8.2" x 15.4" 16.2" x 16.33" x 4.33" 6.25" x 8.5" x 5.87" 6.75" x 9.75" x 5.81" 9.72" x 9.53" x 9.72" 6.75" x 10.25" x 3.5" 28" x 30" x 26" 20" x 1" x 22" 9" x 10" x 20" HEAVY DUTY 7"W X 27"L 21" x 9" x 19-3/4" 11.55" x 22.39" x 34" 10 1/8" x 15 7/8" x 27 1/4" 7 1/2" x 9 x 19" 9.47" x 11.59" x 5.88" 13" x 11 1/4" x 11" 13" x 11 1/4" x 5" 9.8" x 12.8" x 19" 24" x 3/4" x 24" (1) 30", (1) 36"	SITS ON K-3 & K-11. 32oz. CAPACITY SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON K-1 & K-22 OR K-29 SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON K-8 - REFER TO E1.0 FOR WIRING SITS ON K-20 - REFER TO E1.0 FOR WIRING MOUNT ON K-1 ABOVE K-3. TOP OF SHELF = 51 A.F.F. (JUST UNDER CAP) SITS ON K-11 MOUNT ON K-15. HANG TO ITEM # K-15 MOUNT BUZZER IN CEILING, REFER TO SHEET E2.0 2-LID SIZE UNIT, SITS ON LOWER SHELF OF K-2 MOUNT ON K-1 & WALL ABOVE K-9. TOP OF SHELF = 51" A.F.F., verify clearance SITS ON K-17. COLD WATER = 18" A.F.F., 2'-6" FROM CORNER MODIFIED w/ PULP COLLECTOR. SITS ON K-2 SITS ON K-2 SITS ON K-2 SITS ON K-2 SITS ON K-12 SITS ON K-17 5 HOOKS. MOUNT @ 6'-6" A.F.F. MIN. TO CENTER. MOUNT ON WALL ABOVE K-20, REFER TO A.10. MOUNT USING SS RIVITS, COORD. LOCATION W/ P.S. inc. (installslightly out of level towards rear of stor	NC KA KA KA KA KA KA KA K
IOH. AUVESSURI EQUIR. SUHED TELL	NO. KA-1 KA-2 KA-3 KA-4 KA-5 KA-6 KA-7 KA-8 KA-10 KA-11 KA-12 KA-13 KA-14 KA-15 KA-16 KA-17 KA-18 KA-20 KA-20 KA-21 KA-22 KA-23 KA-24 KA-25	2 MEAT SCALE 2 GARBAGE CANS 3 CASH REGISTER TOUCH MONITOR 3 CASH REGISTER DRAWER 3 CASH REGISTER PRINTER 2 REMOTE PRINTER 1 CASH REGISTER COMPUTER 2 REMOTE PRINTER SHELF 1 MEAT SLICER 1 POTATO CUTTER SUPPORT ASSBLY 1 POTATO CUTTER 1 DOORBELL BUZZER 1 LID DISPENSER 2 PAPER CUTTER ASSEMBLY 1 TEA BREWER 1 LEMONADE DISPENSER 1 LEMON JUICER 1 LEMON BASKET 1 CONDIMENT & BAG HOLDER 1 CONDIMENT HOLDER 2 ICED TEA DISPENSER 1 EMPLOYEE COAT RACK 1 BULLETIN BOARD 2 TICKET BAR 1 FRYER BUMPER	TAYLOR RUBBERMAID ELO VASARIO ITHACA ITHACA DELL S&G BIZERBA S&G NEMCO EDWARDS SAN JAMAR S&G BUNN CRATHCO NEMCO ARCHER WIRE S&G BUNN ACHER WIRE S&G BUNN ACHER WIRE S&G S&G BUNN	TE 10 R SLIM JIM 3540 1525L-MSR VB320-BL1616 ITHERM 280 POSjet 1000 OPTIPLEX SX270 CUSTOM GSP V PS-ECS CUSTOM N55450-2 #800 L2912BK PC18 TB3Q D15-4 N55850 1/2 SIZE BASKET CUSTOM	SS SS SS/AL SS SS HIGH VOLT T POLYURETH SS SS SS/PL SS CHROME SS	120 120 120 120 120 120 120 120 120 120	PH LOAD 10 10 10 10 10 10 10 1	HW NS N	EXT TO	IR INDIR	SIZE	P/U WINDOW-	(W x D x H) 8 1/16" x 7 3/4" x 2 1/4" 20" x 11" x 30" 17" x 8.2" x 15.4" 16.2" x 16.33" x 4.33" 6.25" x 8.5" x 5.87" 6.75" x 9.75" x 5.81" 9.72" x 9.53" x 9.72" 6.75" x 10.25" x 3.5" 28" x 30" x 26" 20" x 1" x 22" 9" x 10" x 20" HEAVY DUTY 7"W X 27"L 21" x 9" x 19-3/4" 11.55" x 22.39" x 34" 10 1/8" x 15 7/8" x 27 1/4" 7 1/2" x 9 x 19" 9.47" x 11.59" x 5.88" 13" x 11 1/4" x 11" 13" x 11 1/4" x 5" 9.8" x 12.8" x 19" 24" x 3/4" x 6" 24" x 3/4" x 24" (1) 30", (1) 36" 6"H x 36" L x 6"	SITS ON K-3 & K-11. 32oz. CAPACITY SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON K-1 & K-22 OR K-29 SITS ON K-1 & K-22 OR K-29 - REFER TO E1.0 FOR WIRING SITS ON K-8 - REFER TO E1.0 FOR WIRING SITS ON K-20 - REFER TO E1.0 FOR WIRING MOUNT ON K-1 ABOVE K-3. TOP OF SHELF = 51 A.F.F. (JUST UNDER CAP) SITS ON K-11 MOUNT ON K-15. HANG TO ITEM # K-15 MOUNT BUZZER IN CEILING, REFER TO SHEET E2.0 2-LID SIZE UNIT, SITS ON LOWER SHELF OF K-2 MOUNT ON K-1 & WALL ABOVE K-9. TOP OF SHELF = 51" A.F.F., verify clearance SITS ON K-17. COLD WATER = 18" A.F.F., 2'-6" FROM CORNER MODIFIED w/ PULP COLLECTOR. SITS ON K-2 SITS ON K-2 SITS ON K-2 SITS ON K-2 SITS ON K-17 5 HOOKS. MOUNT @ 6'-6" A.F.F. MIN. TO CENTER. MOUNT ON WALL ABOVE K-20, REFER TO A.10. MOUNT USING SS RIVITS, COORD. LOCATION W/ P.S. inc. (installslightly out of level towards rear of stor) MOUNT ON BACK OF FRYER 3 1/2" DOWN FROM FRYER RISER	NO KA KA KA KA KA KA KA K

		ı	0.77									FLOOR SHELF SIZE CODES:
		NO.	QIY	DESCRIPTION	MANUF'R 	MODEL #	FINISH	SIZE	NOTES	ITEM NO.	BY	A = 2'-0" LONG
		S-1	5	FLOOR MOUNTED SHELVING	FOCUS		GREEN EPOXY	24" DEEP	(4) 96" H. POSTS ON CASTERS	S-1	*	B = 2'-6" LONG
	EN	S-2	0	FLOOR MOUNTED SHELVING	FOCUS		GREEN EPOXY	24" DEEP	(4) 96" H. POSTS	S-2	*	C = 3'-0" LONG
	出	S-3	1	FLOOR MOUNTED SHELVING	FOCUS		GREEN EPOXY	18" DEEP	(4) 96" H. POSTS	S-3	*	D = 3'-6" LONG
	\mathbf{Z}	SO-1	8	WALL MOUNTED SHELVING	FOCUS		GREEN EPOXY	18" DEEP	BACK OF HOUSE - VARIOUS HEIGHTS - SEE A10.0	SO-1	*	E = 4'-0" LONG F = 4'-6" LONG
/ING	G	SO-2	12	END SHELF BRACKET	FOCUS	FPMB18SGN	GREEN EPOXY	18" DEEP	SINGLE SHELF SUPPORT	SO-2	*	G = 5'-0" LONG
	П	SO-3	2	MIDDLE SHELF BRACKET	FOCUS	FPMB18DGN	GREEN EPOXY	18" DEEP	DOUBLE SHELF SUPPORT	SO-3	*	
	Щ	SO-4	0	13" WALL POST	FOCUS	FWPS13GN	GREEN EPOXY	13" TALL	POLE FOR SINGLE SHELF INSTALLATION	SO-4	*	ALL DIMENSION
一里:	\exists	SO-5	7	33" WALL POST	FOCUS	FWPS33GN	GREEN EPOXY	33" TALL	POLE FOR DOUBLE SHELF INSTALLATION	SO-5	*	TOP OF SHEL
ᅵᇰ		SO-6	4	WALL MOUNTED SHELVING	FOCUS	STAINLESS STEEL	SOLID, not wire	14" X 30"	COOK LINE - REAR SIDE OF OVEN - SEE A10.0	SO-6	*	
	甲	SO-7	1	WALL MOUNTED SHELVING	FOCUS	STAINLESS STEEL	SOLID, not wire	14" X 42"	COOK LINE - FRONT SIDE OF OVEN - SEE A10.0	SO-7	*	0
	六	SO-8	6	END SHELF BRACKET	FOCUS	FPMB14SCH	CHROMATE	14" DEEP	SINGLE SHELF SUPPORT	SO-8	*	A10.0
	S(SO-9	2	MIDDLE SHELF BRACKET	FOCUS	FPMB14DCH	CHROMATE	14" DEEP	DOUBLE SHELF SUPPORT	SO-9	*	SEE /
		SO-10	2	13" WALL POST	FOCUS	FWPS13CH	CHROMATE	13" TALL	POLE FOR SINGLE SHELF INSTALLATION	SO-10	*	$ \infty $
		SO-11	3	33" WALL POST	FOCUS	FWPS33CH	CHROMATE	33" TALL	POLE FOR DOUBLE SHELF INSTALLATION	SO-11	*	
		SB-1	1	FLOOR MTD BREAD SHELVING	FOCUS	EPOXY	GREEN	24" DEEP	(4) 96" H. POSTS & (9) SHELVES w/ CLEAR PLASTIC MAT INSTALLED BY G.C.	SB-1	*	

SHELVING NOTES

1. THE WIRE SHELVING IN THE RESTAURANT HAS ADJUSTABLE SHELF HEIGHTS. THE GENERAL CONTRACTOR SHALL SET THE LISTED SHELF HEIGHTS DURING THE INITIAL INSTALLATION. ADJUSTMENTS AFTER OCCUPANCY SHALL BE THE RESPONSIBILITY OF THE OWNER. THE NUMBERS LISTED ARE THE NUMBERS MARKED ON THE VERTICAL SUPPORTS OF THE SHELVING SYSTEM AT THE TOP OF THE SHELF BEING LOCATED

GENERAL NOTES - EQUIPMENT

- A. ALL EQUIPMENT SHALL BE N.S.F. APPROVED AND SHALL BE INSTALLED PER LOCAL HEALTH DEPARTMENT REQUIREMENTS.
- AND/ OR CUTOUT ARE REQUIRED FOR INSTALLATION. COMPLETE INSTALLATION OF THE HOODS SHALL BE PROVIDED BY THE GENERAL
- C. EXHAUST HOODS, S.S. PANELS & TRIM SHALL BE PROVIDED BY EQUIPMENT SUPPLIER. CONTRACTOR, INCLUDING BUT NOT LIMITED TO: OBTAINING ALL REQUIRED PERMITS AND RELEASES; PROVIDING ALL GENERAL CONSTRUCTION REQUIRED I. E. ROOF CUTS, CURB FLASHING, ETC.; PROVIDING INSTALLATION AND COORDINATION FOR TRADES I.E. MECHANICAL, ELECTRICAL AND PLUMBING REQUIREMENTS. IN PARTICULAR, THE MECHANICAL CONTRACTOR MUST COORDINATE WITH THE EQUIPMENT SUPPLIER TO PROVIDE THE PROPER CFM TO BALANCE THE HOOD SYSTEM PER M1.0 CALCULATIONS

B. VERIFY ALL DIMENSIONS WITH EQUIPMENT SUPPLIER WHERE ITEMS ARE TO BE BUILT-IN

- D. ALL EQUIPMENT INDICATED ON THE EQUIPMENT SCHEDULE SHALL BE DELIVERED TO THE JOB SITE BY THE EQUIPMENT SUPPLIER UNLESS NOTED OTHERWISE. UNLOADING, UNCRATING, INSTALLATION, MINOR ASSEMBLY AND FINAL HOOK-UP IS BY THE GENERAL CONTRACTOR.
- E. FIRE EXTINGUISHERS FURNISHED AND INSTALLED BY GENERAL CONTRACTOR. COORDINATE # & LOCATIONS WITH LOCAL FIRE DEPARTMENT PRIOR TO INSTALLATION. PROVIDE (1) 'K' EXTINGUISHER (2.5 gal.) IN KITCHEN WITHIN 30' OF COOKING EQUIPMENT, (1) 'ABC' EXTINGUISHER (10 lb) LOCATED IN DINING AS A MINIMUM. REFER TO PLAN.
- F. NO PIPING, WIRE, CONDUIT, ETC. SHALL BE EXPOSED MORE THAN THE MINIMUM REQUIRED TO INSTALL PROPER FITTINGS AND ESCUTCHEON PLATES. ABOVE 9" A.F.F. MINIMUM.
- G. G.C. TO EQUIP FRYER, GRIDDLE AND OVEN WITH S.S. RESTRAINING CABLE BY EQUIPMENT SUPPLIER ATTACHED TO EQIPMENT NEAR GAS CONNECTION AND TO EYE HOOK MOUNTED IN WALL NEAR GAS PIPE. CABLE MUST BE BRAIDED TYPE, 1/8". CABLE MUST BE SHORTER THAN FLEXIBLE GAS LINE & CAN NOT CROSS OVER GAS LINE SO AS TO PREVENT DAMAGE TO GAS LINE DURING EQUIPMENT CLEANING. G.C. TO GLUE 2x4 BLOCKING IN PREFAB WALL @ GRIDDLE & OVEN FOR CABLE RESTRAINT SUPPORT.
- H. PHONE(S) BY OWNER. WHITE ONLY, CALL WAITING. GC MUST PROVIDE, INSTALL AND PREWIRE ALL PHONE JACKS BACK TO MAIN TELEPHONE BOARD.

WALL SHELVING INSTALLATION: OTE THAT ALL WALL SHELVING IS 2. SHELVING MUST BE INSTALLED SNUGLY FIT TOGETHER, WITH MOUNTED ON POSTS THAT ARE NO SPACE BETWEEN SHELF UNITS. THIS ADDS STABILITY TO ANCHORED TO THE WALL. THE SHELVES AND POSITIONS THE OTHER EQUIPMENT ITEMS NO BRACKETS WILL BE DIRECT-MOUNTED. PROPERLY IN RELATION TO EACH OTHER.

	BLOCKI	NG SCHEDULE
NO.	FROMTOA.F.F.	DESCRIPTION
1	30" 40"	H-GRAB BARS, V-BAR = 36" to 62"
2	36" 72"	3-COMP. FAUCET
3	72" 90"	WATER FILTERS
4	48" 66"	UPPER FAUCET @ PREP SINK
5	8" below to 8" above	WALL MOUNTED SHELVING - SEE A10.0
6	0" 36"	WALL MOUNT TRASH CANS
7	42" 52"	TOWEL DISP. @ REST ROOMS
8	54" 70"	TOWEL DISP. @ HAND SINK
9	0" 16"	CORNERS OF MOP SINK
10	32" 42"	HAND SINK
11	12" 54"	MUST SECURE URINAL & FLUSH VALVE
12	24" 48"	FAUCET @ MOP SINK
13	16" 30"	TOILET PAPER DISP.
14	36" 45"	SOAP DISP. / OFFICE COUNTER
15	72" 84"	COAT RACK
16	40" 46"	PREP & 3-COMP. SINKS
17	24"TALL x 32" WIDE	TV WALL BRACKET - BLOCKING = 12" MIN. PAST BRACKET IN ALL DIRECTIONS
18	70" 100"	HOOD CONTROL CABINET
19	36" 44"	PRE-FAB. SERVING WALL
20	7'-0" - 9'-0"	DA-5 - MONTHLY SPECIAL
21	_	

MATERIAL INSTALLED BETWEEN STUDS UNLESS SITE SPECIFIC

CONDITIONS PROHIBIT, THEN 1/2" FIRE TREATED PLYWOOD

MAY BE USED.

WATER WASTE GAS MODEL# ELECTRICAL ITEM QTY DESCRIPTION MANUF'R | ITEM | B VOLT PH LOAD | HW CW DIR INDIR | SIZE | AMT (W x D x H) NO. D-1 3 SEATING COUNTER POST ROBERTSON 2 1/4" SQUARE POST USE W / ITEM D-2, Core drill post into floor, See Sheet P1.0 for locations | D-1 | FINISHED COUNTERTOP = 42" AFF D-2 | 1 | SEATING COUNTER REFER TO A.6 I ROBERTSON CUSTOM I D-2 42" x 24" x 30" TALI _____ -| 40" x 44" x 18"H_SEAT | D-4 | 20" x 44" x 18"H SEA D-6 | 2 | 4 TOP TABLE l D-6 I ROBERTSON 42" x 27" x 30" TALL | D-7 | * 24" x 24" x 30" TALI D-8 * -| 40" x 26" x 18"|| SEA + + + + + 20" x 26" x 18"H SE D-10 D-10 | 4 | 2 TOP TABLE I ROBERTSON 1 24" x 27" x 30" TALL D-11 * D-11 | 2 | ACCESSIBLE TABLE ADDER LEGS INSTEAD OF POST. SEE DETAIL 12/A.6 ROBERTSON 42" x 27" x 30" TALL LOAK WOOD SEAT, METAL FINISH I D-14 | 24 | STANDARD CHAIR I ROBERTSON LC-316US l 18" x 18" x 18" + 13" D-14 D-15 * D-15 | 4 | BAR STOOLS ROBERTSON 18" x 18" x 30" + 11" METAL, PAINTED FINISH 30" x 10" x 40 25" 20.75" x 19" x 49.25" D-17 | 2 | WASTE RECEPTACLE - SINGLE ROBERTSON CUSTOM REFER TO SHOP DRAWINGS D-18 | 1 | QUEUE RIBBON D-18 | EC FLORIDA SEATING! AL-5625 17" x 17" x 22" D-22 | 0 | 3 TOP TABLE 24" x 42" x 30" TAL L TAPERED CORNE D-25 | 1 | HIGH CHAIR ITEM QTY DESCRIPTION | WATER | WASTE | GAS | ITEM | BY MODEL# ELECTRICAL VOLT PH LOAD HW CW DIR INDIR SIZE AMT \square (W x D x H) GC provide Elec in soffit above ♀ (as close to top of window frame as poss) □ DA-1 □ DA-1 | 1 | LED OPEN SIGN CUSTOM 2'-6" x 2'-2" OWNER TO PURCHASE FROM FRANCHISOR. SITS ON D-16 or D-17 @ FRONT. DA-2 DA-2 CLEAR ACRYLIC BROCHURE BOX REFER TO A7.0, (LETTERS ID ART) HOLD CENTERLINE @ 5'-7"aff DA-3 DA-3 6 STANDARD ARTWORK (horizontal) A,B,C,D,E,F 4'-0" w. x 2'-8" h. CUSTOM 18'-0" w. x 12'-0" h. REFER TO 3 / A7.0 DA-6 MENU BOARD-SANDWICHES CUSTOM 5'-0½" w. x 5'-6" h. REFER TO 3 / A7.0 DA-7 | 1 | PS... "ALL ABOUT GOOD TASTE" CUSTOM 82.4" w. x 30" h. REFER TO 1 / A7.0 "ORDER HERE". REFER TO A6.0. A7.0. K1.0 DA-8 | 1 | "ORDER HERE" SIGN CUSTOM BRACKE 8" w. x 5" h. DA-8 PAY HERE" / "PHONE IN ORDERS PICK-UP", REFER TO A6.0, A7.0, K1.0 DA-9 "PHONE ORDER PICK-UP" SIGN CUSTOM BRACKE 13" w. x 10.5" h. BY OWNER BLACK TELEVISION WALL MOUNT CONTROL BOX BY OUTLET. KEEP CORDS NEAT. DA-10 BY OWNER | 120 | 1Ø | PROVIDE BLOCKING. COORDINATE SIZE w/ TV. DA-11 | 1 | TV WALL OR CEILING BRACKET | BY OWNER BY OWNER BLACK DA-11 OCCUPANCY SIGN 10" w. x 8" h. REFER TO INTERIOR SIGNAGE SPECS ON DWG. A12.0 DA-14 2 EXIT TACTILE SIGN DA-14 G 6" w. x 6" h. REFER TO INTERIOR SIGNAGE SPECS ON DWG. A12.0 DA-15 2 | RESTROOM TACTILE SIGN DA-15 6" w. x 8" h. REFER TO INTERIOR SIGNAGE SPECS ON DWG. A12.0 | WATER | WASTE | GAS ITEM QTY DESCRIPTION | MODEL# |HOOD | ITEM | B TYPE NO. VOLT PH LOAD |HW|CW|DIR|INDIR|SIZE|AMT (W x D x H) H-1 1 GRIDDLE HOOD I REFER TO SHOP DRAWINGS CAPT AIR SYS OVEN HOOD CAPT AIR SYS REFER TO SHOP DRAWINGS TYPE I H-3 | H-3 | 1 | FRYER HOOD CAPT AIR SYS | REFER TO SHOP DRAWINGS H-4 | 1 | ANSUL & HOOD CONTROL CABINET | CAPT AIR SYS REFER TO SHOP DRAWINGS SS | 120 | 3Ø | | H-4 | ITEM QTY DESCRIPTION FINISH | ELECTRICAL | WATER | WASTE | GAS MANUF'R | MODEL# | ITEM | B\ $(W \times D \times H)$ NO. | VOLT | PH | LOAD |HW|CW|DIR|INDIR| SIZE | AMT 30" x 30 3/4" x 35 5/8" (4 legs) | SITS ON K-17, 8 Heads. Cold Water = 18" A.F.F @ CL of Disp. BV-1 | 1 | DRINK & ICE DISPENSER CORNELIUS ENDURA 200 | SS / PL | 120 | 1Ø | 3.4 AMP BEV-1|BE\ BEV. VENDOR 8-2W-VERT-TPM-SHUR 28"W x 20"D x 65" - 3 TIER HAVE PEPSI MOUNT SYRUP PUMPS AND REGULATORS TO SODA SHELVES SODA SHELVING (BAG-IN-BOX) BEV-2 BE V-3 | 2 | C02 TANK BEV. VENDOR ON FLOOR BESIDE BEV-2, CHAIN TO STAND. BEV-3 BE BV-4 | 1 | ICE MAKER ADAPTER FOR USE WITH K-25 BEV. VENDOR SS BEV-4 BEV

EQUIPMENT SCHEDULE CODES: EQUIPMENT PROVIDED BY EC WILL BE EC = EQUIPMENT CONTRACTOR COLOR CODED PER THE FOLLOWING: GC = GENERAL CONTRACTOR SC = SIGN CONTRACTOR 'K' ITEMS = RED O = OWNER 'KA' ITEMS = YELLOW * = PROVIDE BY EC / INSTALLED BY GC 'S' ITEMS = GREEN - = PROVIDE BY OWNER / INSTALLED BY GC | P' ITEMS = BLUE BEV = BEVERAGE CONTRACTOR **EQUIPMENT CONTRACTOR** V = BY VENDOR C&T DESIGN AND EQUIPMENT CO., IN TIM SENDELBACH, RANDY HUGHES OR ANDY DALTON (513)771-2828

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

88" AFF

79" AFF

70" AFF

61" AFF

52" AFF

43" AFF

96" AFF

76" AFF

56" AFF

35" AFF

22" AFF

6" AFF

ALL DIMENSIONS TO BOTTOM SHELF UNLESS 16" AFF

UNIT OVER GREASE

IT IS EQUIPPED WITH

TRAP DOES NOT HAVE 25" AFF

FRYER SPECS BTU/HR. GAS PRSRE ELEC. REQUIREMENTS FPPH255 FOOD WARMER CABINET - - 120V, 60 Hz, 6.3 AMPS TICKET BARS

36" OVER GRILL - ON HOOD, ABOVE GRILL 2" @ OVEN

USE STAINLESS STEEL RIVETS

EQUIPMENT PLAN KEYED NOTES (

FIRE SUPPRESSION PULL STATION IN THIS LOCATION (48" A.F.F.). KEEP PIPING INSIDE WALL. USE HEAVY-DUTY METAL MODEL. ELECTRICIAN MUST PROVIDE 4" OCT. BOX @ 48"AFF W/ SCREWS @ 8:00 & 2:00 IF RED FIBERGLASS OR @ 10:00 & 4:00 IF METAL W/ 1/2" CONDUIT STUBBED TO 6" ABOVE CEILING (DO NOT BEND ENDS OF PIPE). COORDINATE THIS INSTALLATION WITH FIRE SUPRESSION CONTRACTOR SINCE PARTS CHANGE. PROVIDE CAGE GUARD. CALL AIR SOLUTIONS @ (513) 860-5555 x 110 FOR INFORMATION.

6" PVC SODA SLEEVE UNDERSLAB. USE 6" SCH. 40 PVC W/ SWEEPING 90° ELBOWS - LOCATE AS CLOSE TO HUB DRAIN @ BEV. TABLE AS POSSIBLE. STUB @ SOURCE WALL SO AS TO PROPERLY INSTALL COVE QUARRY TILE BASE. BOTH ENDS MIN. OF 4' AFF. REFER TO PLUMBING SHEET P.1. NOTE: INSTALL PVC CAPS ON BOTH ENDS ABOVE THE FLOOR AND FIELD CUT CENTER OF CAP 1/4" MAX. DIAMETER LARGER THAN THE OUTER DIAMETER OF THE SODA LINES BUNDLE. CAULK GAP WITH SILICONE TO CREATE SMOOTH, EASILY CLEANABLE SURFACE. ICE MACHINE SUPPLIED BY EQUIPMENT SUPPLIER, INSTALLED BY G.C. COORDINATE ADAPTER w/ BEVERAGE

LARSON SS-2712-RL SEMI-RECESSED FIRE EXTINGUISHER CABINET w/ SOLID DOOR. PROVIDE LARSON WC-6L WET CHEMICAL FIRE EXTINGUISHER (K CLASS). REFER TO 10/A7.0. SS SHELVING ABOVE THIS TABLE. SEE ELEVATION ON SHEET A10.0 FOR MORE INFORMATION.

CHECK INTERIOR ELEVATIONS FOR PROPER

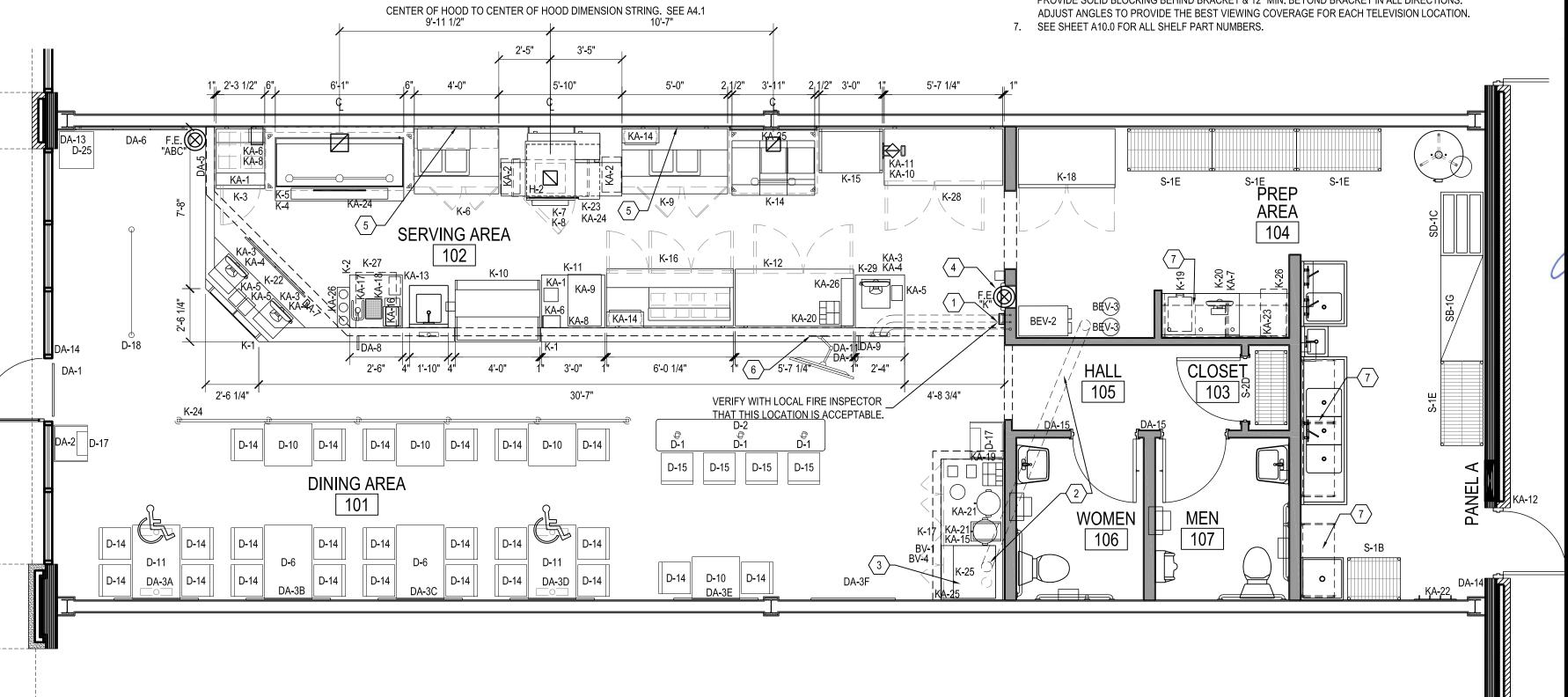
EQUIPMENT. NOTIFY ARCHITECT OF ANY

REFER TO P1.0 SHEET FOR ALL PLUMBING

FIXTURES AND ACCESSORIES

LOCATIONS AND HEIGHTS OF WALL-MOUNTED

SET TV SUPPORT BRACKET SUCH THAT THE TOP OF THE TV IS 3" BELOW CEILING. PROVIDE SOLID BLOCKING BEHIND BRACKET & 12" MIN. BEYOND BRACKET IN ALL DIRECTIONS. ADJUST ANGLES TO PROVIDE THE BEST VIEWING COVERAGE FOR EACH TELEVISION LOCATION.



ALL DIMENSIONS GIVEN @ COOK

LINE ARE FINISHED DIMENSIONS.



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Campus 9 HILLIAM Equipment Plan 11/02/22 S.Rogers PS Clinton Twp MI

DISCREPANCIES OR CONFLICTING INFORMATION.

K1.0

MECHANICAL SPECIFICATIONS

HVAC SYSTEMS SHALL INCLUDE HIGH & LOW PRESSURE CONTROL SAFETY SWITCHES AND SHALL BE CHECKED FOR LOCAL CODE COMPLIANCE BY THE MECHANICAL CONTRACTOR.

- 2. COORDINATE ALL WORK WITH THE EQUIPMENT CONTRACTOR IN TERMS OF ITEMS PROVIDED, SCOPE OF WORK, AND HOOK UP REQUIREMENTS.
- 3. HOOD SUPPLIER SHALL PROVIDE SHOP DRAWINGS FOR EXHAUST HOOD INSTALLATION.
- GENERAL NOTES:

EXHAUST FANS.

SETTING DURING BALANCING

ROOF / HVAC PLAN FOR EXIT TYPE).

- A. NO PENETRATIONS SHALL OCCUR THROUGH THE TILE BASE.
- B. GAS LINE PENETRATIONS BEHIND SERVICE LINE MUST BE SUCH THAT OVEN, GRILLE AND FRYER CAN BE PULLED OUT TO NEAR FULL LENGTH OF FLEXIBLE GAS LINE CONNECTIONS. WALL PENETRATIONS MUST BE POSITIONED VERY NEAR TO THE GAS LINE CONNECTION LOCATIONS ON THESE PIECES OF EQUIPMENT, BUT NOT SO CLOSE THAT FITTINGS INTERFERE WITH EACH OTHER WHEN EQUIPMENT IS AGAINST THE WALL. GAS LINE MUST RUN INSIDE WALLS EXCEPT AT EQUIPMENT FEEDS. SEE "CABLE RESTRAINT DETAIL" #12 ON SHEET
- 5. GENERAL CONTRACTOR MUST COORDINATE THE HVAC & HOOD CONTRACTORS SUCH THAT HVAC & HOOD SYSTEMS ARE INSTALLED TOGETHER PRIOR TO STORE OPENING. BOTH HVAC & HOOD SYSTEMS MUST BE COMPLETED AT LEAST 4 WORKING DAYS PRIOR TO AIR TEST & BALANCE TO ALLOW ENOUGH TIME FOR BALANCE TO TAKE PLACE. CHECKLIST SCHEDULE MUST BE COMPLETED AND TURNED IN TO NATIONAL T & B.
- 6. LIMIT FLEX-PIPE RUNS TO 5'-0" MAXIMUM LENGTH.
- 7. USE HARD-PIPE, 90° ELBOWS AT ALL DIFFUSERS UNLESS DIRECTLY UNDER A MAIN TRUNK LINE.
- 8. ALL HANGERS AND INSTALLATION METHODS FOR HVAC DUCTWORK SHALL MEET SMACNA STANDARDS.
- 9. REFER TO CAPTIVEAIRE SHOP DRAWINGS FOR ELECTRICAL FEED DETAILS & LOCATIONS @
- ______@ 1" FOR 20% FRESH AIR, 1-1/4" FOR 25% FRESH AIR, 1-3/8" FOR 27.5% FRESH AIR. REFER TO "AIR BALANCE" THIS SHEET FOR % OF FRESH AIR BROUGHT IN BY UNIT(s). FINE TUNE
- 11. EXHAUST FANS BY NUTONE OR EQUAL. EXHAUST TO EXTERIOR. WHITE. PROVIDE TWO INDIVIDUAL SINGLE PORT IN-LINE VENTILATOR TYPE FANS. COMBINE DUCTS AT END OF LINE FOR SINGLE ROOF or WALL PENETRATION IF FIELD CONDITIONS PERMIT (REFER TO
- 12. IN OCCUPIED MODE, THE HVAC UNIT FANS SHALL BE IN THE 'ON' MODE FOR STORE CONSTANT BALANCE.

REQUI	RED	TEST	<u>ING</u>

CONDUCT A LIGHT-TEST TO CHECK WELDS ON KITCHEN GREASE DUCTS. THE TEST MUST BE WITNESSED BY THE FIRE DEPARTMENT. NOTE: INSPECTORS MAY REQUIRE ALTERNATIVE TESTING UNDER CERTAIN CIRCUMSTANCES. 2. A PUFF TEST IS REQUIRED ON THE KITCHEN SUPPRESSION SYSTEM

3. AN AIR-CAPTURE TEST IS REQUIRED ON THE KITCHEN HOOD(S)

4. A TEST AND BALANCE REPORT IS REQUIRED

VENTILATION	AIR SCHEDUI	_E							Н	MUST BE ≤	l ĸ	٦			
ROOM NAME	OCCUPANCY CLASIFICATION	NET AREA SQ.FT.	OCC. DENSITY PER SQ.FT.	REQUIRED OCCUPANTS	CFM PER OCCUPANT	CFM PER SQ.FT.	REQD. OCC. OUTSIDE AIR CFM	REQD. SQ.FT. OUTSIDE AIR CFM	TOTAL REQD. OUTSIDE AIR CFM	ACTUAL SUPPLY CFM	ACTUAL OUTSIDE AIR CFM	EXHAUST FLOW RATE CFM / SQ.FT.	EXHAUST CFM REQUIRED PER SQ.FT.	EXHAUST REQUIRED FOR R.R. FIXTURES	CFM EXHAUST PROVIDED
		Α	В	С	D	E	F	G	Н	J	K	L	М	N	0
		PER PLAN	PER IMC TABLE 403.3	= AxB	PER IMC TABLE 403.3	PER IMC TABLE 403.3	= CxD	= AxE	= F+G	= PROVIDED SUPPLY AIR	= PROVIDED FRESH AIR	PER IMC TABLE 403.3	= AxL	= FIXTURE CFM TOTAL	= PROVIDED EXHAUST
01 DINING	DINING	659	70/1000	47	7.5	0.18	352.5	118.6	493.5	2000	1160	NA	NA	NA	NA
02 SERVING AREA	KITCHEN	350								1400	1032	0.7	245	NA	2625
03 CLOSET	NONE	7.5													
04 PREP AREA	MEAT PROCESSING	327	10/1000	4	15	-	60	-	45	500	368.5	NA	NA	NA	NA
05 HALL	NONE	44								100	74.5				
06 WOMEN	NONE	46								70	40.5			50	75
07 MEN	NONE	48								130	75.5			100	150
	l	1	L	L	L	ı	- L	TOTAL	538.5	4200	2925		-1	ı	1

AIR BALANCE

EXHAUST HOODS R.R. EXHAUST FANS <u>- 225</u>

 2850 CFM + 1475 FRESH AIR DOAS HVAC UNIT No. 1 + 1450 FRES + 75 CFM TOTAL

FRESH AIR DOAS HVAC UNIT No. 2

HVAC GENERAL NOTES

- 1. SUPPLY DUCT SHALL BE IN THE FOLLOWING GAUGES (U.N.O.): ROUND:
- -UP TO 12" Ø = 28 GAUGE -14" AND LARGER = 26 GAUGE
- 2. SUPPLY DROPS SHALL BE GALVANIZED IN 24 GAUGE MATERIAL.

- 6. ALL DUCTWORK WITHIN CEILING CAVITIES SHALL BE WRAPPED WITH
- 7. FLEXIBLE DUCT CONNECTORS SHALL BE TESTED IN ACCORDNACE WITH UL181 AND SHALL BE LISTED AND LABELED AS CLASS O OR CLASS I DUCT.
- 8. DUCT COVERINGS SHALL HAVE A FLAME SPREAD INDEX NOT MORE THAN 25 AND A SMOKE DEVELOPED INDEX NOT MORE THAN 50.
- 9. ALL JOINTS, SEAMS, AND CONNECTIONS SHALL BE SECURELY SEALED AND FASTENED.
- 10. RETURN DUCT SMOKE DETECTORS SHALL BE IN COMPLIANCE WITH SECTION 606 IMC.
- 11. VERIFY LOCATION OF CONTROLS AND USE ALTERNATE POSITION IF REQUIRED.
- 12. IF A BUILDING FIRE ALARM SYSTEM EXISTS, ALL HVAC DUCT SMOKE DETECTORS AND HOOD CONTROL PANEL MUST REPORT TO IT. COORDINATE w/ LANDLORD.

- SQUARE / RECTANGULAR: -UP TO 10" X 12" = 28 GAUGE
- -10" X 14" OR 12" X 12" AND LARGER = 26 GAUGE
- 3. RETURN DUCT SHALL BE GALVANIZED IN 22 GAUGE MATERIAL.
- 4. FOR ALL SQUARE / RECTANGULAR DUCT AND RETURN AIR DUCT, THE FIRST NUMBER = DUCT HEIGHT AND THE SECOND NUMBER = DUCT WIDTH (EXAMPLE: FOR A 6" x 10" DUCT, IT IS 6" HIGH BY 10" WIDE).
- 5. INSTALL ALL BOOTS FROM INSIDE DUCTWORK.
- INSULATION AND VAPOR RETARDER HAVING A MAXIMUM PERMEANCE OF 0.05 PERM - OR - ALUMINUM FOIL HAVING A THICKNESS OF 2 MILS.

HVAC EQUIPMENT

HVAC UNIT No. 1 & 2: CAPTIVEAIRE 7.5 TON PACKAGED DOAS/RTU (197,729 BTUH) (208V, 3Ø)

FIELD INSTALLED OPTIONS (TYP. EACH UNIT)

- 1 KIT SMOKE DETECTOR (RETURN AIR) USE CAS INTERLOCK 1 BOTTOM or TOP ACCESS FILTER BOX (BY CAS)
- 1 THERMOSTAT GUARD

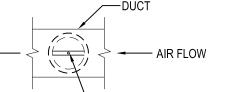
1 THERMOSTAT

CASRTU1-I.200-15-7.5T-DOAS

- 1 MOTORIZED FRESH AIR DAMPER W/ BIRD SCREEN (BY CAS)
- 1 UNIT-MOUNTED HEAVY-DUTY DISCONNECT (BY CAS) 1 UNIT-MOUNTED WP, GFCI RECEPTACLE. (BY CAS) SEE M2.0 FOR CIRCUIT.
- VERIFY HVAC EQUIPMENT BEFORE ORDERING:

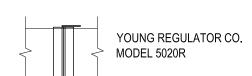
DAMPER NOTES:

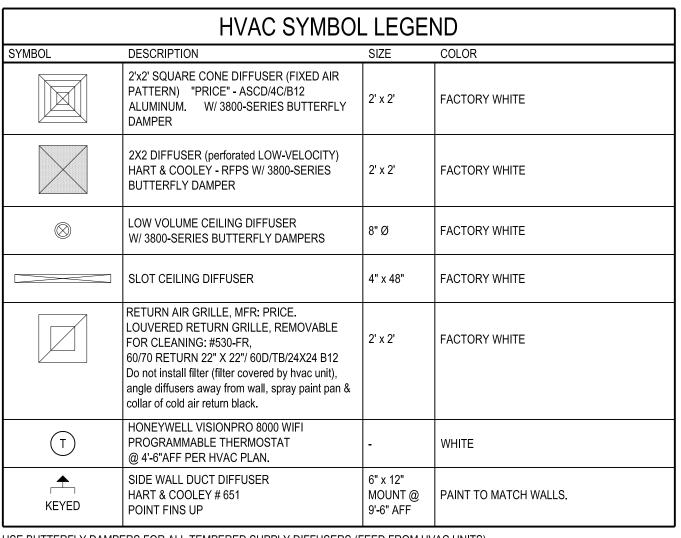
1. INSTALL KEYED BUTTERFLY DAMPERS AT ALL SQUARE & ROUND DIFFUSERS (NOT LINEARS).



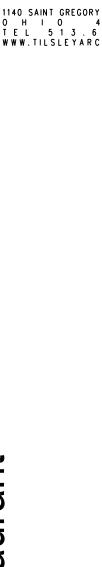
- WHEN INSTALLING DIFFUSERS, ALIGN ALL BUTTERFLY DAMPERS IN THE SAME DIRECTION OF AIR FLOW.

2. INSTALL IN-LINE DAMPERS WITH LOCKING HAND QUADRANT IN EACH TRIBUTARY DUCT WHERE IT LEAVES THE MAIN DUCT. AND - IN LOCATIONS INDICATED BY THE FOLLOWING SYMBOL: MATCH DUCT DIAMETER.





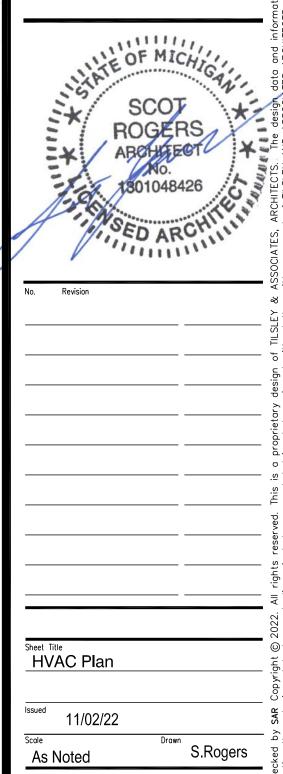
USE BUTTERFLY DAMPERS FOR ALL TEMPERED SUPPLY DIFFUSERS (FEED FROM HVAC UNITS). USE LOUVERS AND DAMPERS w/ LOCKING QUADRANTS FOR ALL MAKE-UP AIR FEEDS.

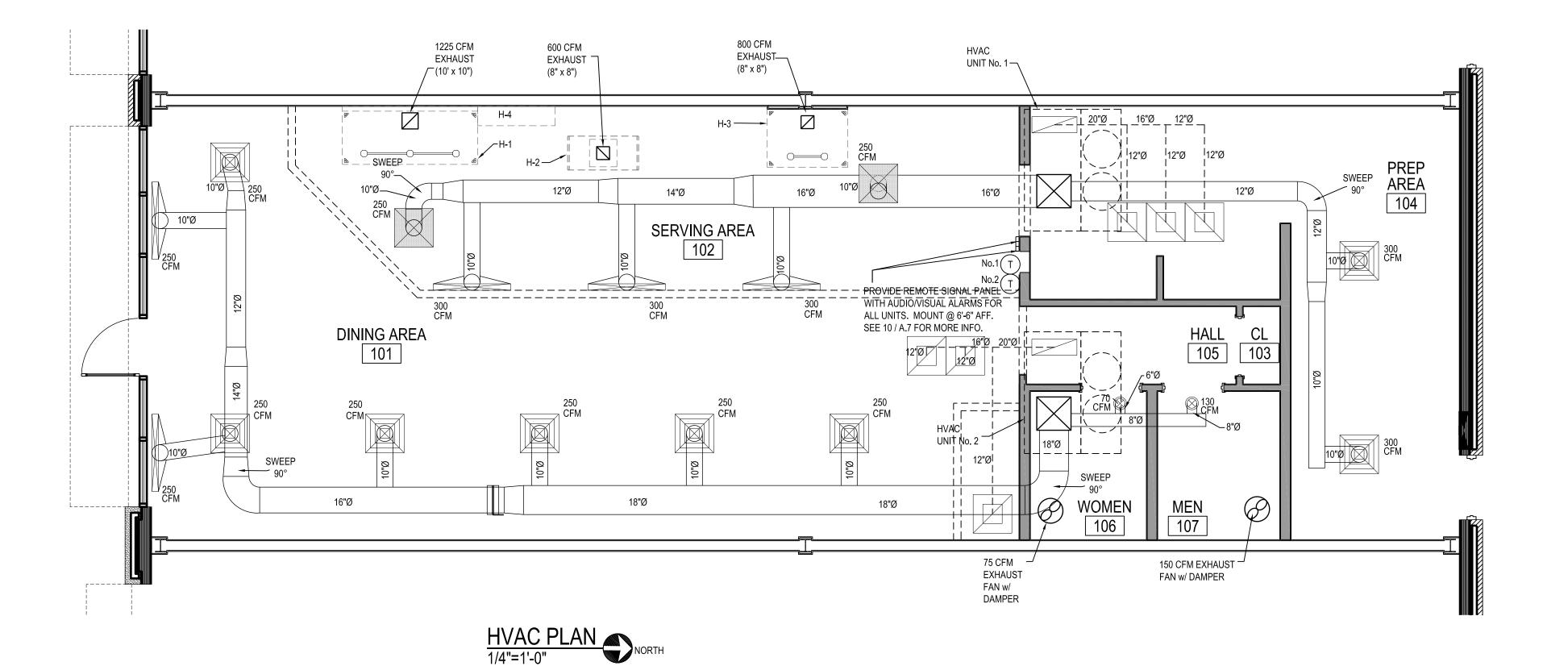


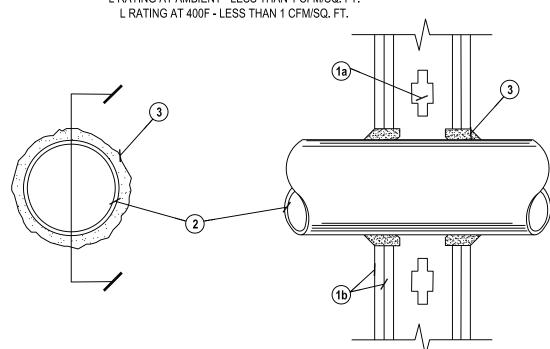
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19 Mile

Clinton







- 1. Wall Assembly The 1,2,3 or 4 hr fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner described in the individual U300 or U400 Series Wall or Partition Designs in the UL Fire Resistance Directory and shall include the following
- A. Studs Wall framing may consist of either wood framing (max 2 hr fire rated assemblies) or steel channel studs. Wood studs to consist of braces. Steel studs to be min 3-\(\frac{5}{2} \) in.. (92 mm) wide by 1-\(\frac{3}{2} \) in. (35 mm) deep channels spaced max 24 in. (610 mm) o.c.
- B. Gypsum Board* Nom ½ or ½ in. (13 or 16 mm) thick, 4 ft (122 cm) wide with square or tapered edges. The gypsum wallboard type. thickness, number of layers, fastner type and sheet orientation shall be as specified in the individual U300 or U400 Series Design in the UL Fire Resistance Directory. Maximum diameter of opening is 26 in. (660 mm).
- 2. Through Penetrant One metallic pipe, conduit or tubbing installed either concentrically or eccentrically within the firestop system. The annular space between pipe, conduit or tubing and periphery of opening shall be min of 0 in. (0 mm)(point contact) to max 2 in. (51 mm). Pipe, conduit or tubhing to be rigidly supported on both sided of wall assembly. The following types and sizes of metallic pipes, conduits or tubing may be used:
- A. Steel Pipe Nom 24 in. (610 mm) diameter (or smaller) Schedule 10 (or heavier) steel pipe.
- B. Iron Pipe Nom 24 in. (610 mm) diameter (or Smaller) service weight (or heavier) cast iron soil pipe, nom 12 in. (305 mm) diameter (or smaller) or class 50 (or heavier) ductile iron pressure pipe.
- C. Conduit Nom 6 in (152 mm) diameter (or smaller) steel conduit or nom 4 in. (102 mm) diameter (or smaller) steel electrical metallic tubing. **D. Copper Tubing -** Nom 6 in (152 mm) diameter (or smaller) Type L (or heavier) copper tubing.
- E. Copper Pipe Nom 6 in. (152 mm) diameter (or smaller) Regular (or heavier) copper pipe.
- F. Through Penetrating Product* Flexible Metal Piping The following types of steel flexible metal gas piping may be used:
- 1. Nom 2 in. (51 mm) diameter (or smaller) steel flexible metal gas piping. Plastic covering on piping may or may not be removed on both sides of floor or wall assembly. OMEGA FLEX INC
- 2. Nom 1in. (25 mm) diameter (or smaller) steel flexible metal gas piping. Plastic covering on piping may or may not be removed on both sides of floor or wall assembly. TITEFLEX CORP
- A BUNDY CO 3. Nom 1 in. (25mm) diameter (or smaller) steel flexible metal gas piping. Plastic covering on piping may or may not be removed on both sides of floor or wall assembly. WARD MFG INC
- 3. Fill, Void or Cavity Material* Caulk or Sealant Miin $\frac{5}{8}$, $1\frac{1}{4}$ ", $1\frac{7}{8}$ " and $2\frac{1}{2}$ " (16,32,48 and 64 mm) thickness of caulk for 1,2,3 and 4 hr rated assemblies, respectively, applied within annulus, flush with both surfaces of wall. Min ½" (6 mm) diameter bead of caulk applied to gypsum board/penetrant interface at point contact location on both sides of wall. The hourly F rtaing of the firestop system is dependant upon the hourly fire rating of the wall assembly which it is install, as shown in the following table. The hourly T rating of the firestop system is dependant upon the type or size of the pipe or conduit and the hourly fire rating of the wall assembly in which it is installe, as tabulated below:

Max Pipeor Conduit	F Rating	T Rating
Diameter in. (mm)	Hr.	Hr.
1 (25)	1 or 2	0+, 1 or 2
1 (25)	3 or 4	3 or 4
4 102)	1 or 2	0
6 (152)	3 or 4	0
12 (305)	1 or 2	0

+ When copper pipe is used, T Rating is 0 hr.

3M COMPANY - CP 25WB+ caulk or FB-3000 WT sealant,

HVAC TEST & BALANCE SPECIFICATIONS

ALL BALANCING IS CONTRACTED BY THE RESTAURANT OWNER AND PERFORMED BY OUR PREFERRED TAB FIRM - NATIONAL TAB. NATIONAL TAB ASSISTS THE OWNER IN THE BALANCING PROCESS FROM INITIAL PLANNING THRU DOCUMENTATION CLOSEOUT. ANY QUESTIONS, PLEASE CONTACT NATIONAL TAB AT (855)682-6822 EXT: 706 (JENNIFER) OR SUBMIT REQUEST TO BIDS@NATIONALTAB.COM

*Bearing the UL Classification Marking

1.0 GENERAL REQUIREMENTS: TEST AND BALANCE (TAB) OVERVIEW IS A GENERAL GUIDELINE OF THE PROPER FLOW OF PLANNING & BALANCING OF THE SYSTEM. IT MANDATES ALL TRADES, OWNERS, CONSTRUCTION PERSONNEL, VENDORS & BALANCING FIRM PARTICIPANTS IN THE PROCESS. PLANNING ENSURES PREPAREDNESS, PROPER INSTALLATION, AND SYSTEM READINESS. BALANCING ENSURES FUNCTION & PERFORMANCE OF THE VENTILATION SYSTEM. THE SPECIFIC TRADE REQUIREMENTS ARE TO BE CARRIED OUT TO THEIR FULLEST EXTENT. EACH ASSIGNED TRADE WILL BE HELD ACCOUNTABLE. FINAL RETAINAGE (PAYMENT) IS NOT TO BE PAID BY THE OWNER UNTIL THE SPECIFIC TRADE REQUIREMENTS HAVE BEEN MET.

2.0 PHASE I (INITIAL PLANNING & REVIEW): PLANS & SUBMITTALS DISBURSED FOR REVIEW AND SCHEDULING. TAB PROCEDURES FINALIZED AND JOB READINESS CONFIRMED.

2.1 OWNER RESPONSIBILITIES: DISTRIBUTE ALL PLANS / SUBMITTALS TO NATIONAL TAB AND PROVIDE THE REQUIRED OPENING DATES FOR THE RESTAURANT. 2.2 GENERAL CONTRACTOR RESPONSIBILITIES: CONSTRUCT A JOB SCHEDULE BASED UPON OWNER REQUIREMENTS. DATA & SCHEDULES COLLECTED FROM ALL TRADES. COMMUNICATE THE INFORMATION TO NATIONAL TAB. OBTAIN THE PRELIMINARY FIELD CHECKLIST FROM THE BALANCING CO. MANAGE ALL TRADES TO ENSURE THEY COMPLETE & SIGN OFF ON THEIR REQUIREMENTS BEFORE THE BALANCER IS SCHEDULED TO PERFORM ON SITE WORK. ENSURE THE GENERAL CONDITION OF THE BUILDING IS SIGNED OFF BY THE JOB SUPERVISOR.

2.3 NATIONAL TAB (BALANCING) RESPONSIBILITIES: REVIEW ANY PLANS & SUBMITTALS FOR ANY POSSIBLE DEFICIENCIES AND DISCREPANCIES IN DATA OR DRAWINGS. FINALIZE TAB START DATE WITH THE GENERAL CONTRACTOR AND THE PRELIMINARY CHECKLIST IS COMPLETED OR ACTION STEPS DOCUMENTED FOR ITEMS ON THE CHECKLIST THAT ARE NOT COMPLETED BEFORE EXECUTION OF BALANCING.

3.0 PHASE II (PRELIMINARY FIELD PROCEDURE): VERIFICATION OF SITE AND EQUIPMENT CONDITIONS. ANALYSIS OF PROPER INSTALLATION AND PERFORMANCE

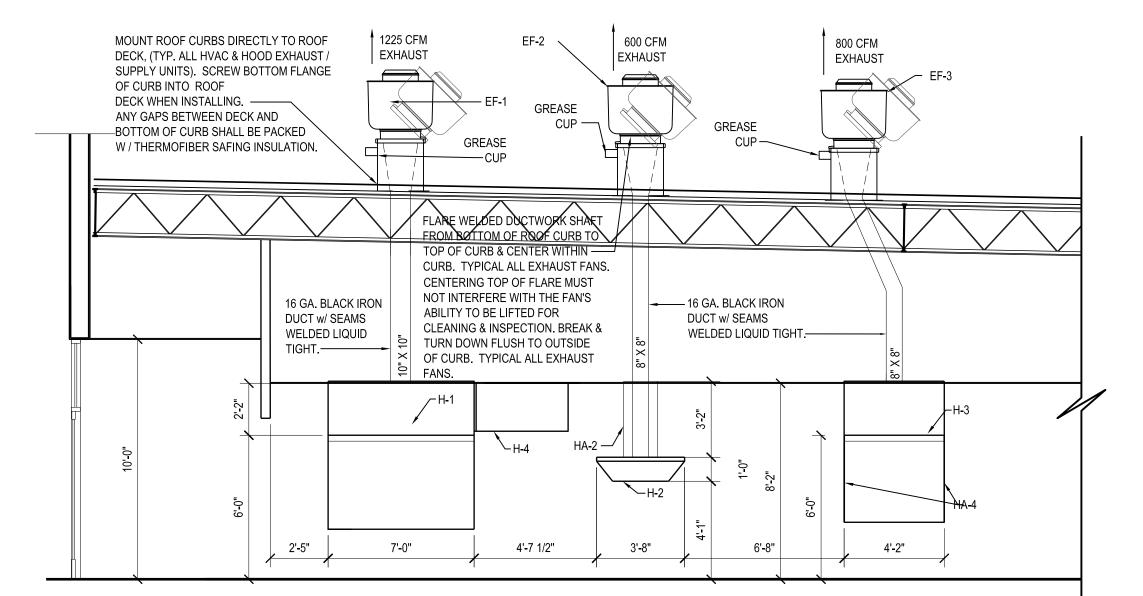
OF OPERATIONAL AND FUNCTIONAL TESTS. 3.1 GENERAL CONTRACTOR RESPONSIBILITIES: ENSURE ALL REQUIRED TRADES ARE PRESENT OR READILY AVAILABLE FOR THE BALANCER'S INITIAL "WALK-THRU" & START-UP VERIFICATION. ENSURE ALL TRADES IMMEDIATELY FIX ANY ISSUE THAT THE BALANCER MAY UNCOVER DURING THE INITIAL

"WALK-THRU" THAT MAY AFFECT EQUIPMENT PERFORMANCE. 3.2 NATIONAL TAB (BALANCING) RESPONSIBILITIES: BALANCER TO PERFORM A "WALK-THRU" IMMEDIATELY UPON ARRIVAL. ALL REQUIRED TRADES ARE TO BE PRESENT DURING THIS PROCESS OR READILY AVAILABLE. THE BALANCER MUST INFORM THE REGIONAL MANAGER AND OWNER OF ANY DEFICIENCIES THAT THE BALANCER AND TRADES NEED RESOLVED BEFORE THE BALANCING IS COMPLETED. THE FOLLOWING GENERAL TASKS ARE TO BE PERFORMED:

3.2.1. VERIFICATION OF PROPER EQUIPMENT INSTALLED ON SITE. 3.2.2. VERIFICATION OF PROPER INSTALLATION OF MECHANICAL SYSTEMS.

DURING REVIEW, IT WILL REQUIRE THE BALANCER TO PROVIDE RESOLUTION.

- 3.2.3 START UP ALL EQUIPMENT TO ENSURE THAT IT WAS PROPERLY STARTED UP BY TRADES.
- 3.2.4. COORDINATE WITH SPECIFIC TRADES ANY DEFICIENCIES THAT NEED TO BE RESOLVED BEFORE INITIATING ANY BALANCING ON EACH SPECIFIC SYSTEM.
- 3.3 BALANCING AND TESTING PROCEDURE: INITIATE & COMPLETE ALL REQUIRED BALANCING PROCEDURES AS STIPULATED FOR THE ACCOUNT. 3.3.1 NATIONAL TAB (BALANCING) RESPONSIBILITIES: INITIATE BALANCING OF THE SYSTEMS AS REQUIRED UNDER STRICT GUIDELINES SET FORTH UNDER NATIONAL TAB PROCEDURES & NEBB STANDARDS & PROCEDURES.
- ANY ISSUES THAT ARISE DURING THE BALANCING SHALL BE DISCUSSED EXCLUSIVELY OR INCLUSIVELY WITH THE GENERAL CONTRACTOR, OWNER / CONSTRUCTION MANAGER, AND THE NATIONAL TAB BALANCING MANAGER.
- 3.4 FINAL ON-SITE ANALYSIS & PERFORMANCE TEST: ENSURES PERFORMANCE AND COMFORT.
- 3.4.1 OWNER / GENERAL CONTRACTOR RESPONSIBILITIES: PROVIDE REPRESENTATIVE TO BE PRESENT FOR ALL FINAL TESTS (SMOKE, BUILDING, ETC.) THAT THE BALANCER WILL PERFORM. SIGN OFF ON TEST IF IT MEETS REQUIREMENTS.
 - IF ANY DEFICIENCIES STILL REMAIN UPON THE COMPLETION OF THE BALANCING, COORDINATE WITH THE REQUIRED TRADE(S) AND OWNER TO RESOLVE THE ISSUE. IF THE BALANCER IS REQUIRED TO RETURN DUE TO THE DEFICIENCY, A FEE MAY BE ASSESSED. THE FEE SHOULD BE PASSED ON TO THE TRADE THAT WAS DEFICIENT DURING THE BALANCING OF THE SYSTEM.
- 3.4.2 NATIONAL TAB (BALANCING) RESPONSIBILITIES: PERFORM A KITCHEN HOOD SMOKE TEST AND BUILDING PRESSURE TEST WITNESSED BY THE OWNER AND/OR GENERAL CONTRACTOR. PERFORM A FINAL WALK-THRU TO ENSURE NO EXTREME CONDITIONS OCCUR DUE TO AIRFLOW MOVEMENTS. ANY DEFICIENCIES OR UNSATISFACTORY CONDITIONS NOTED BY PERSONNEL WITNESSING THE TEST SHALL BE RESOLVED & RETESTED. IF FINAL ADJUSTMENTS ARE REQUIRED THAT ARE NOT WITHIN 10% OF DESIGN CRITERIA TO ENSURE EFFECTIVENESS OR COMFORT, CONTACT OWNER AND/OR MANAGING MEMBER FOR FURTHER EXECUTION. FINALIZE & SUBMIT FINAL DOCUMENTS FOR FINAL TAB SUPERVISOR REVIEW.
 - 3.4.2.1 NATIONAL TAB TO ENSURE THERMOSTATS ARE PROGRAMMED AS FOLLOWS: OCCUPIED TIME: 8:00AM TO 10:00PM UNOCCUPIED TIME: 10:00PM TO 8:00AM
 - OCCUPIED MODE: FANS ON, HEATING TEMP SET POINT: 68, COOLING TEMP SET POINT: 7 UNOCCUPIED MODE: FANS AUTO, HEATING TEMP SET POINT: 65 COOLING TEMP SET POINT: 73
- 4.0 PHASE III (FINAL DOCUMENTATION & CLOSEOUT): SUBMISSION AND APPROVAL OF BALANCE WORK.
- 4.1 OWNER RESPONSIBILITIES: ASSIST ON THE EXECUTION OF RESOLUTION OF ITEMS NOT RESOLVED DURING BALANCING. 4.2 NATIONAL TAB (BALANCING) RESPONSIBILITIES: ENSURE BALANCER DOCUMENTATION HAS BEEN SUBMITTED FOR MANAGEMENT & OWNER REVIEW IN A TIMELY FASHION. VERIFY COMPLETENESS OF BALANCING REPORT & DEFICIENCIES. IF ANY BALANCING ISSUES ARE UNCOVERED BY THE MANAGEMENT TEAM



SEE CAPTIVEAIRE SHOP DWGS (H - SHEETS) FOR DETAILED INSTALLATION INFORMATION REGARDING HOODS AND EXHAUST FANS.

	FAN SCHEDULE														
ITEM	QTY	DESCRIPTION	MANUFACTURER	MODEL#	ELEC	TRIC/	AL .	EXHAUST	SUPPLY	GAS		SIZE	NOTES	ITEM	BY
NO.					VOLT	PH	LOAD	CFM	CFM	SIZE	AMT	(W x D x H)		NO.	
EF-1	1	GRIDDLE FAN	CAPTIVE-AIRE	DU85HFA	115	1Ø	8.8 AMP/ 3/4 hp	1225				33 3/4" DIA. x 30 1/2" + CURB	REFER TO H.2	EF-1	*
EF-2	1	OVEN FAN	CAPTIVE-AIRE	DU33HFA	115	1Ø	4.4 AMP/ 1/3 hp	600				33 3/4" DIA. x 30 1/2" + CURB	REFER TO H.2	EF-2	*
EF-3	1	FRYER FAN	CAPTIVE-AIRE	DU50HFA	115	1Ø	5.6 AMP/ 1/2 hp	800				33 3/4" DIA. x 30 1/2" + CURB	REFER TO H.2	EF-3	*
<u> </u>		CRIDDLE & OVEN FAN	CAPTIVE AIRE	NCA14UDEA	200		4.0.AMP/1.hn	2650					BEEEB TO H 2	FF.4	*
		GRIDDLE & OVERTAIN	CAI TIVE-AIIVE	NOAT 4 III I A	200	30	· ' '	3030				33 3/4 DIA. X 30 1/2 1 COND	INCI EN 1011.2	L1 =4	+
SF-1	1	HEATED MAKE-UP AIR UNIT	CAPTIVE-AIRE	A1-D.250 15D	208	3Ø	3.1 AMP/ 1.0 hp		1580	1"	112,508 btu	27 3/8" x 74 7/16" x 27 3/8"	REFER TO H.2	 SF-1	*

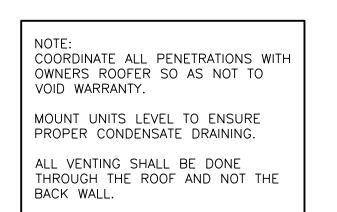
FAN SCHEDULE CODES: * = PROVIDE BY EC / INSTALLED BY GC

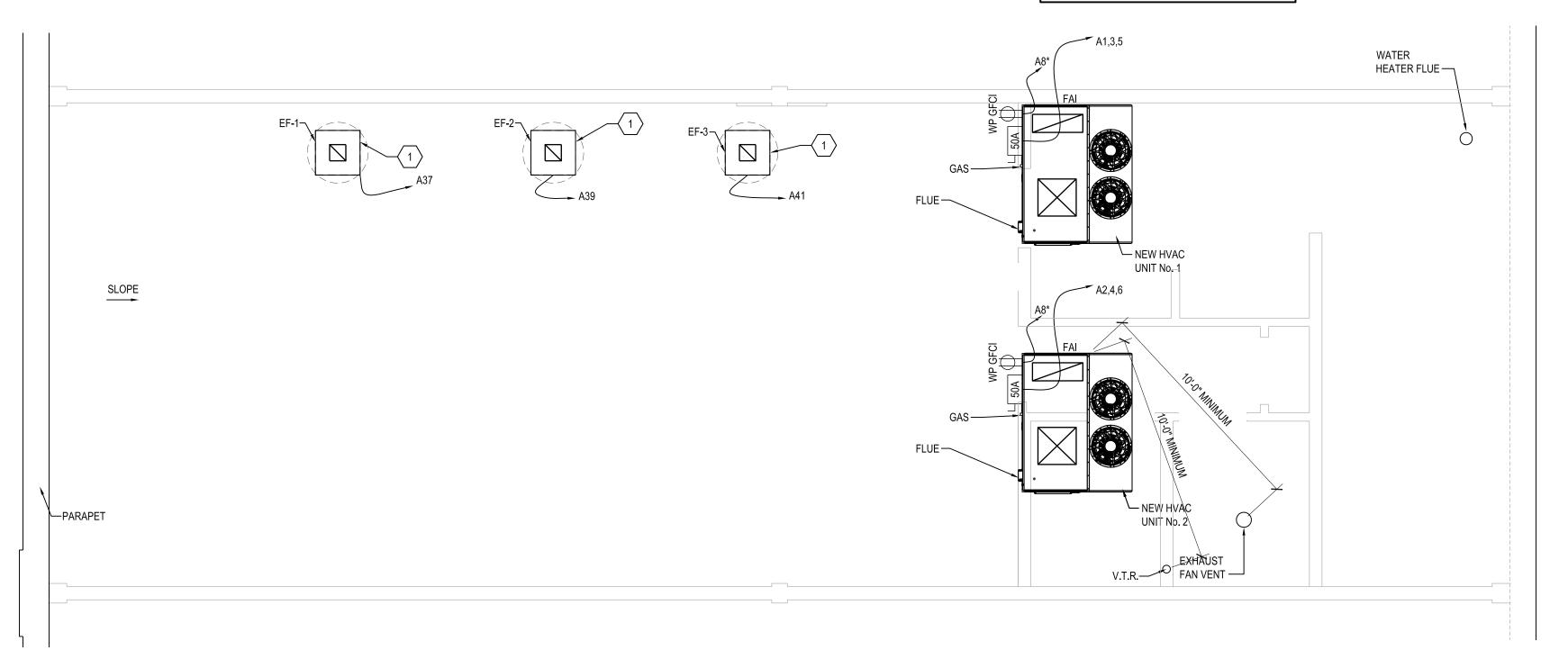


SAND, PRIME AND PAINT EXISTING AND NEW EXPOSED GAS PIPING ON ROOF. (FEEDING PENN STATION ONLY) USE SAFETY YELLOW - OIL BASE.

ROOF PLAN KEYED NOTES (

HINGE SIDE OF EXHAUST CURB.







ALL LEADERS LABELED WITH AN '*' (I.E. A9*) INDICATES THAT THERE ARE MORE ITEMS ON THAT CIRCUIT. SEE PANEL NOTES.

SEE CAPTIVEAIRE SHOP DWGS FOR DETAIL INFORMATION REGARDING HOODS AND EXHAUST FANS.



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Roof Plan & Details 11/02/22 S.Rogers

- # 15 GENERAL RECEPTACLES INCLUDES: OFFICE 4-PLEX, WATER FILTER GFI OUTLET & PHONE SYSTEM OUTLET (IF REQ'D).
- #20 GENERAL RECEPTACLES INCLUDES: DINING OUTLET & TV OUTLETS. PROVIDE LOCKING COVER ON PANEL

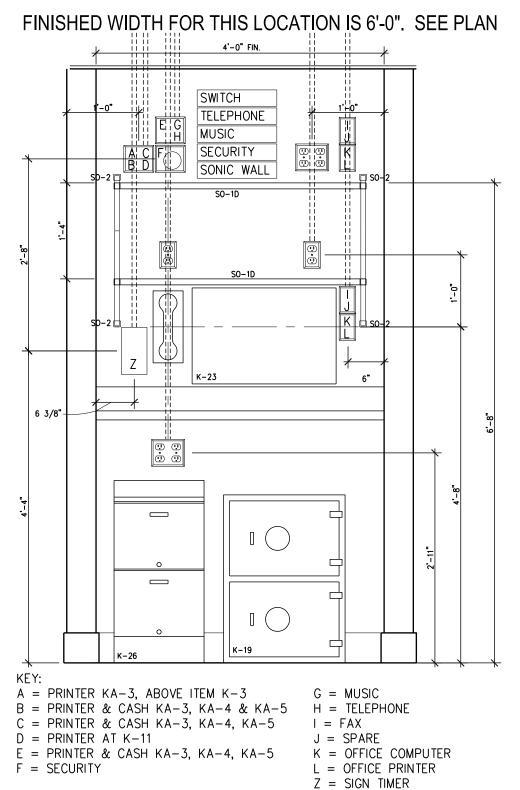
1) ALL SHUNT TRIP CIRCUITS ARE HANDLED THROUGH HOOD CONTROL PANEL, SEE CAPTIVEAIRE SHOP DRAWINGS.

NO SHUNT TRIP BREAKERS REQUIRED.

2) REFER TO SHEETS E2.0, M2.0 & CAPTIVEAIRE SHOP DRAWINGS FOR ADDITIONAL CIRCUIT IDENTIFICATION.

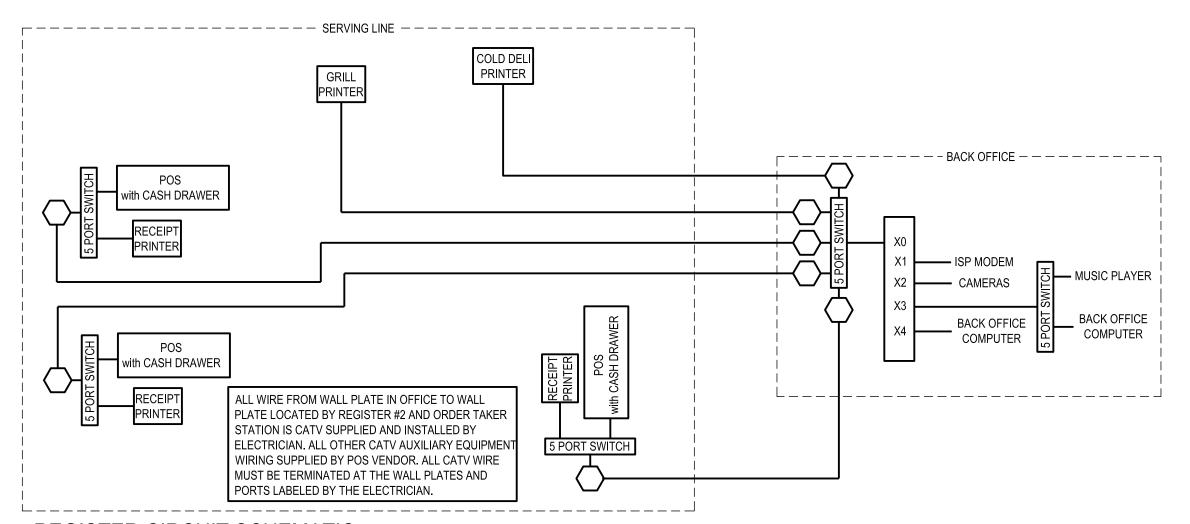
3) ELECTRICIAN IS REQUIRED TO REVIEW & FOLLOW HOOD ELECTRICAL DRAWINGS FOR ADDITIONAL WIRING REQUIREMENTS.





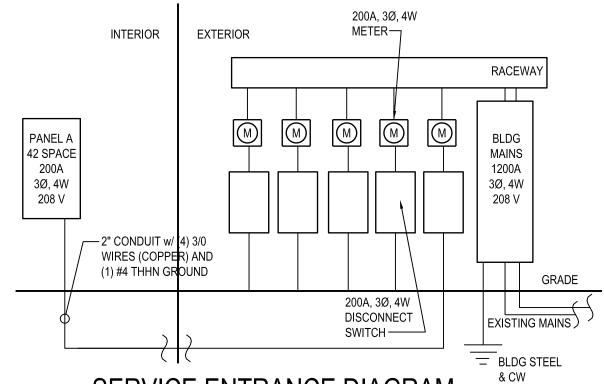
MANAGER'S DESK

SEE SHEET A10.0 FOR MORE INFORMATION



REGISTER CIRCUIT SCHEMATIC

COORDINATE W/ OWNER & PS HQ FOR ANY UPDATES

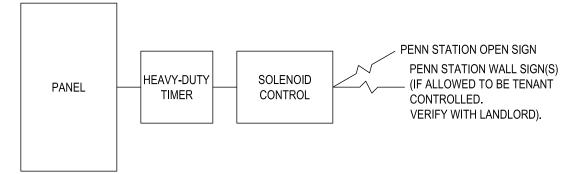


SERVICE ENTRANCE DIAGRAM

SCOPE OF WORK:

SERVICE ENTRANCE, METER, MAIN FEED & PANEL ARE EXISTING. RECONFIGURE PANEL AND CIRCUITS PER PANEL SCHEDULE.

GROUND



EXTERIOR SIGNAGE CIRCUIT SCHEMATIC

CASH REGISTER SPECIFICATIONS

TO ASSURE THAT FLUCTUATION IN POWER, OR 'NOISE' GENERATED BY OTHER ELECTRONIC EQUIPMENT WILL NOT INTERFERE WITH THE PROPER OPERATION OF THE POS, THE FOLLOWING SITE CIRCUIT SPECIFICATIONS SHOULD BE FOLLOWED:

- * THE CIRCUIT SHOULD BE ISOLATED FROM OTHER CIRCUITRY (DEDICATED) AT THE MAIN ELECTRICAL JUNCTION BOX.
- * THE CIRCUIT SHOULD BE PROTECTED BY A 20AMP BREAKER SWITCH.
- * THE NEUTRAL AND GROUND WIRES MUST REMAIN ISOLATED AND SHOULD BE JOINED ONLY AT THE JUNCTION BOX. DO NOT USE CONDUIT, OR WATER PIPE FOR THE GROUND. * THERE MUST NOT BE ANY OTHER ELECTRICAL EQUIPMENT ON THE CIRCUIT DEDICATED TO THE
- POS EQUIPMENT OR IT'S PERIPHERALS. * ALWAYS CONSULT LOCAL GOVERNING AGENCIES FOR SPECIFIC CODE REQUIREMENTS.

OTHER SITE REQUIREMENTS ARE AS FOLLOWS:

- KEEP IRC AND RS-232C CABLES AWAY FROM AC LINES.
- * CABLES SHOULD BE AT LEAST 10 INCHES FROM AC LINES, POWER CORDS, AND LIGHTS. * IF YOU MUST CROSS AN AC LINE, THE CABLES SHOULD CROSS THE AC LINE AT A RIGHT (90
- * SYSTEMS WITH TWO OR MORE CRS 3000S REQUIRE TERMINATOR PLUGS TO BE INSTALLED ON THE POS AT EACH PHYSICAL END OF THE IRC CHAIN.

ELECTRICAL SPECIFICATIONS

- UTILIZE FLAT RIGHT ANGLE ELECTRICAL PLUGS AT EQUIPMENT UNLESS NOTED OTHERWISE(FLAT PLUG) KEEP ALL WIRING CONCEALED BEHIND FRP PANELS, CEILING PANELS, ETC. THIS INCLUDES: STEREO WIRING, PHONE WIRES, SENSOR WIRES FOR WATER FILTERS, DOOR BUZZER WIRES, ALARM SYSTEM WIRES ETC. ANY EXTRA SYSTEMS: ALARM, STEREO, ETC. DESIRED BY THE OWNER SHALL BE ADDRESSED AS EARLY AS POSSIBLE IN THE CONSTRUCTION PROCESS SO AS TO ALLOW THE PROPER CONCEALMENT OF WIRING. NO LOOSE OR EXPOSED WIRES ARE PERMITTED.
- MOUNT PHONE EQUIPMENT ON WALL ABOVE DESK AS HIGH AS POSSIBLE (ABOVE CEILING PREFERRED) GC SHALL PROVIDE, INSTALL AND PRE-WIRE ALL TELEPHONE JACKS BACK TO MAIN TELEPHONE BOARD CONTACT LOCAL PHONE COMPANY FOR BOARD AND FEEDER REQUIREMENTS, AN OUTLET IS USUALLY
- REQUIRED. PHONE(S) BY OWNER. WHITE ONLY, CALL WAITING. 4. A DEDICATED CIRCUIT WITH AN ISOLATED GROUND IS REQUIRED FOR THE CASH REGISTERS AND COMPUTER. SERVE ALL LOCATIONS WITH ONE CIRCUIT. ALSO PROVIDE A 3/4" CONDUIT THROUGH COUNTER WALL FROM ONE REGISTER TO THE OTHER. SEE POWER PLAN KEYED NOTES THIS SHEET.
- 5. CENTERLINE OF ALL PIPING PENETRATING WALLS TO BE MIN. 9" A.F.F. UNLESS NOTED OTHERWISE. NO PIPING, WIRE, CONDUIT, ETC. SHALL BE EXPOSED MORE THAN THE MINIMUM REQUIRED TO INSTALL PROPER FITTINGS AND ESCUTCHEON PLATES.
- PAINT ELECTRIC METER AND EXTERIOR CONDUIT TO MATCH BUILDING EXTERIOR. VERIFY WITH UTILITY CO. WIRE SHUNT TRIP CIRCUITS TO CONTACTS IN EXHAUST HOOD CONTROL BOX TO ACTIVATE RELAY UPON HOOD SHUT-DOWN. SEE H.2. DO NOT USE SHUNT TRIP BREAKERS IN PANEL.
- ALL WIRING, INCLUDING LOW-VOLTAGE WIRING, SHALL BE IN METAL CONDUIT OR METAL RACEWAY. ALL OUTLET BOXES INSTALLED IN RATED WALL ASSEMBLIES MUST BE UL LISTED FOR SUCH USE AND BE CLEARLY LABELED FOR VERIFICATION DURING INSPECTION. INSTALL PER UL REQUIREMENTS WITH REGARDS TO:
- ANCHORING, OPENING CLEARANCE AND DISTANCE FROM OTHER OUTLET BOXES IN THE SAME WALL. 10. DISCONNECT SWITCH FOR ROOF TOP UNITS TO BE HEAVY DUTY FUSED.

NOTE: ELECTRICAL CONTRACTOR SHALL VERIFY LOADS AND SHALL CONFIRM THAT SERVICE EQUIPMENT MEETS

LEVITON 80401-N-I GFI DUPLEX RECEPTACLE w/ 1) LEVITON GFNT1-RW LEVITON 84401-40 (1) LEVITON 5380-I MOUNT HORIZ. ON PREFAB SERVING WALL 15amp, 125v, WHITE 1-GANG, S/S 20amp, 125v, S/S INDICATOR LIGHT (# = HEIGHT) 1-GANG, S/S DOUBLE GFI DUPLEX RECEPTACLI (2) LEVITON GFNT1-RW LEVITON 84409-40 (2) LEVITON 5380-I LEVITON 80409-N-I 15amp, 125v, WHITE w/ INDICATOR LIGHT (# = HEIGHT) 2-GANG, S/S 20amp, 125v, S/S 2-GANG, S/S DEDICATED GFI DUPLEX RECEP 1) LEVITON GFTR2-IGO LEVITON 84401-40 ACLE w/ ISOLATED GROUND & MOUNT HORIZ. ON PREFAB SERVING WALL 20amp, 125v, ORANGE 1-GANG, S/S INDICATOR LIGHT (# = HEIGHT) ALTERNATE ELECTRIC OVEN 1) LEVITON 5372, 30amp LEVITON 84028 NEMA #6-30R OUTLET (# = HEIGHT) 250v, 2-POLE, 3-WIRE 1-GANG, S/S TELEPHONE, REFER TO A.10 MOUNT HORIZ. ON PREFAB SERVING WALL (# = HEIGHT)EQUIP COVER WITH RUBBER COMPUTER CONNECTION GASKET WIRE SHIELD. REFER (# = HEIGHT) TO "REGISTER CIRCUIT SCHEMATIC" (1) LEVITON BR20-I LEVITON 86003 **DUPLEX OUTLET CEILING MOUNTED** 20amp, 125v, S/S 1-GANG, S/S LEVITON CSB1-20-W LEVITON CSB1-20-I LEVITON 86001 WALL SWITCH 20amp, 120 / 277v, WHITE 20amp, 120 / 277v, S/S -GANG, S/S 1-GANG, 84001, S/S 2-GANG, 84009, S/S LEVITON CSB3-20-W 3-GANG, 84011, S/S 3-WAY WALL SWITCH 20amp, 120 / 277v, WHITE INTERMATIC ET 1705C / 120 ELECTRONIC TIMER SWITCH SEVEN DAY TIMER. REFER TO "EXTERIOR SIGNAGE CIRCUIT SCHEMATIC". REFER TO SHEET E2.0, FOR BUZZER LOCATION. USE EDWARDS #660 STRAP DOORBELL BUZZER MOUNTED BUZZER (82 dB @ 3 ft).

ELECTRICAL SYMBOL LEGEND

WALLPLATE

LEVITON 84003

1-GANG, 430 S/S

LEVITON 84016

2-GANG, 430 S/S

DINING, HALL & RESTROOMS

WALLPLATE

LEVITON 85003

1-GANG, S/S

LEVITON 85016

LEVITON 80401-N-I

1-GANG, IVORY

LEVITON 85003

1-GANG, S/S

2-GANG, S/S

OUTLET(s) / SWITCH

(1) LEVITON BR20

20amp, 125v, S/S

(2) LEVITON BR20

20amp, 125v, S/S

RAB LOS1000I/120.

LEVITON T5632

15amp, 125v, WHITE

ALL OUTLET HEIGHTS GIVEN ARE TO THE CENTERLINE OF THE OUTLETS. RECEPTACLE BOXES IN PRE-FAB WALLS ARE FACTORY-INSTALLED

MOTION SENSOR SWITCH

ELECTRIC PANEL

DUPLEX RECEPTACLE

W/ USB CHARGE PORTS

POWER PLAN KEYED NOTES (

SERVING & PREP AREAS

OUTLET(s) / SWITCH

1) LEVITON BR20-W

20amp, 125v, WHITE

(2) LEVITON BR20-W

20amp, 125v, WHITE

SYMBOL

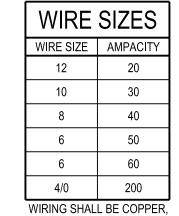
DESCRIPTION

(# = HEIGHT)

DUPLEX RECEPTACLE

DOUBLE DUPLEX RECEPTACLE

- OUTLET PROVIDED FOR FUTURE COUNTERTOP APPLIANCE.
- PROVIDE CHILD SAFETY INSERTS ON THIS OUTLET. MOUNT OWNER-PROVIDED SURGE PROTECTORS IN CASH REGISTER STANDS. ALL LOCATIONS.
- LABEL OUTLETS ON WALL TO MATCH CIRCUIT DIAGRAM LABELS IN PANEL. PROVIDE ALL CAT-5 & TELEPHONE WIRE, JACKS AND PORTS (G.C. & ELEC. CONTRACTOR). SEE REGISTER CIRCUIT SCHEMATIC, THIS SHEET FOR ROUTING INFORMATION. EMPTY ELECTRICAL BOXES
- IN PREFAB WALL ARE BY EQUIPMENT CONTRACTOR. 6. JUNCTION BOX IN PREFAB WALL/COUNTER FOR ELECTRICAL CONNECTIONS. REFER TO
- PREFABRICATED COUNTER SHOP DRAWINGS. STUB ROUGHS FROM DEMISING WALL @ CENTERLINE OF PRE FAB WALL. ROUGH INS INCLUDE: POWER @ 18" AND DATA AT 24". OUTLET TO BE LOCATED IN CEILING/SOFFIT AS CLOSE TO STOREFRONT WINDOW FRAME AS POSSIBLE
- 8. BLOCKING FOR TELEVISION(S), COORDINATE W/ OWNER FOR MAKE, MODEL & BRACKET STYLE,
- 10. DOORBELL UNIT REDDOT FACE PLATE ON RECESSED 2X4 BOX WITHIN 12" OF LATCH SIDE OF DOOR USE EDWARDS #690 PUSH BUTTON, MOUNT AT 48" AFF. SEE E2.0 FOR BUZZER SPEC AND LOCATION.
- BUTTON, SEE E2.0 FOR BUZZER SPEC AND LOCATION. 12. LOW OUTLET @ 18" AFF BELOW THIS ONE. ALSO GFCI, ALSO CIRCUIT A7.
- 13. FED FROM HOOD CONTROL PANEL.
- 14. FEED FROM BREAKER TO HOOD CONTROL PANEL, THEN ROUTE TO EQUIP.
- 15. STRAP DISPLAY REF CORD TO BOTTOM SIDE OF SLICER TABLE.
- 16. ELECTRICIAN TO SUPPLY SEAL TIGHT POWER CONNECTION TO JUNCTION BOX PLUG FOR ICE MACHINE TOWER UNIT. PROVIDE A SWITCH FOR THE JUNCTION BOX AS A MEANS OF DISCONNECT.



MOUNT HORIZ. @ 4'-6".

SHEET E1.0.

REFER TO ELECTRIC PANEL DIAGRAM

Mount Horiz. and/or incorporate into strip

at center of counter-top. Coord w/ Owner

MOUNT HORIZ. ON PREFAB SERVING WALL

THHN, UNLESS NOTED OTHERWISE

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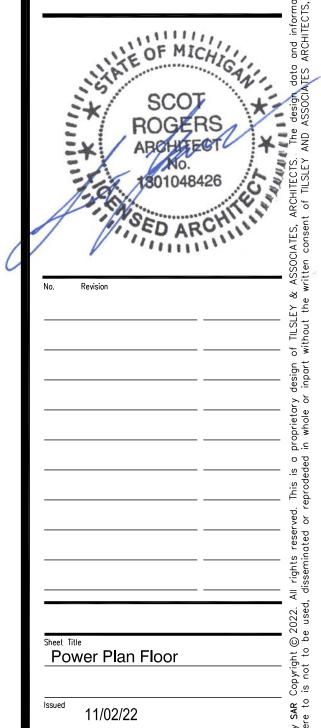
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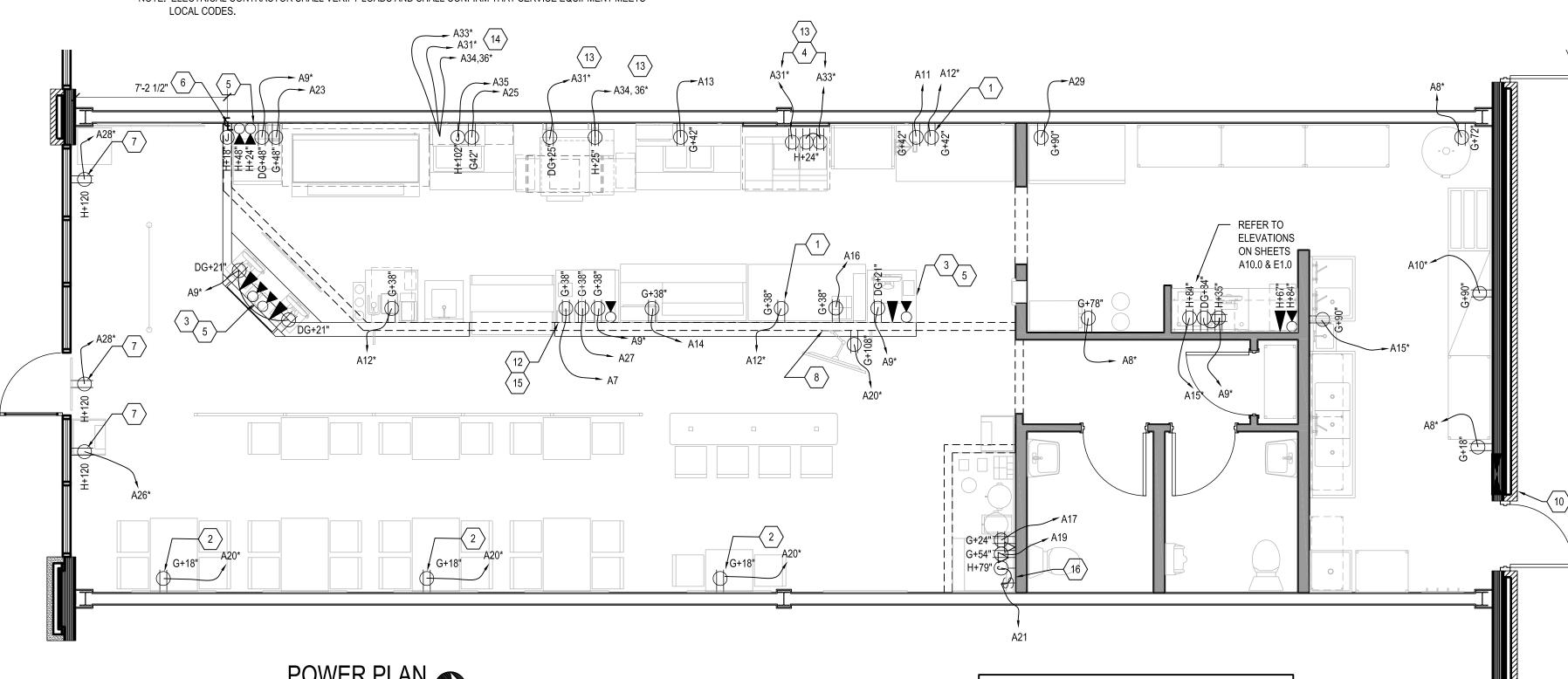
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TILSLEY

O H I O 4 5 2 0 2 T E L 5 1 3 . 6 5 1 . 4 3 0 0 W W W . TILSLE Y A R C H I T E C T S . C O M





REFER TO M2.0 FOR UL

PENETRATION DETAILS.

As Noted

S.Rogers

PS Clinton Twp MI a

ELECTRICAL SPECIFICATIONS

- 1. ALL FIXTURES ARE LED W/ SELF CONTAINED LAMPS. ELECTRICAL CONTRACTOR SHALL CONTACT SCOTT BALLARD OF WINSUPPLY FOR FIXTURE PACKAGE QUOTE & DELIVERY SCHEDULE. CONTACT INFO: CELL: (937)620-7375 EMAIL: SMBALLARD@WINSUPPLYINC.COM
- ALL SS MOTION DETECTOR SWITCHES SHALL BE TIED INTO RESTROOM EXHAUST FANS. KEEP ALL WIRING CONCEALED BEHIND FRP PANELS, CEILING PANELS, ETC. THIS INCLUDES: STEREO WIRING, PHONE WIRES, SENSOR WIRES FOR WATER FILTERS, DOOR BUZZER WIRES, ALARM SYSTEM WIRES, ETC. ANY EXTRA SYSTEMS: ALARM, STEREO, ETC. DESIRED BY THE OWNER SHALL BE ADDRESSED AS EARLY AS POSSIBLE IN THE CONSTRUCTION PROCESS SO AS TO ALLOW THE PROPER CONCEALMENT OF WIRING. NO LOOSE OR EXPOSED WIRES ARE PERMITTED.
- 4. ALL WIRING SHALL BE IN METAL CONDUIT OR METAL RACEWAY. 5. NO SUBSTITUTIONS ALLOWED FOR FIXTURES. USE SPECIFIED ITEMS. USE PENN STATION FIXTURE PACKAGE.
- FIXTURE ALTERNATES MUST BE APPROVED BY PENN STATION INC. 6. LED LAMPS IN PACKAGE ARE DESIGNED TO FIT THE FIXTURES LISTED. DO NOT SUBSTITUTE ANY FIXTURE.
- 7. REFER TO SHEET E1.0 FOR POSITIONS OF ALL OUTLETS. 8. ELECTRICIAN TO PROVIDE A 4X4 JUNCTION BOX CLOSE TO CENTER LINE OF SIGN LOCATION. SIGN INSTALLER TO STUB FEED BACK TO JUNCTION BOX & SEAL PENETRATION WEATHERTIGHT. ELECTRICIAN TO MAKE FINAL CONNECTION.
- 9. CLAMP TV CONDUIT THROUGH ROOF TO ROOF FRAMING. IF NOT POSSIBLE DUE TO LOCATION OF FRAMING MEMBER (JOIST, PURLIN, TRUSS ETC.), SUPPLY UNISTRUT BRIDGE OR BLOCKING AND SECURE CONDUIT TO THAT. REFER TO TV BOOT SCHEMATIC THIS PAGE.
- 10. PROVIDE AND INSTALL INTERMATIC ET 173C / 120 DPST DIGITAL SEVEN DAY TIMER ABOVE DESK IN OFFICE. TIMER SHALL OPERATE ALL SIGNAGE, INCLUDING 'OPEN' SIGN OUTLET.
- NOTE: ELECTRICAL CONTRACTOR SHALL VERIFY LOADS AND SHALL CONFIRM THAT SERVICE EQUIPMENT MEETS LOCAL CODES.

A24*		SWITCHING AS FOLLOWS:	
(3) (f) A24* (2) (f) A22*	1	ALL TYPE 'A' & 'H' LIGHTS IN SERVING AREA	SW-1
(1) (f) AZZ	2	NORTH DINING & HALL	SW-2
	3	SOUTH DINING	SW-3
$\begin{pmatrix} 3 & 2 & 1 \end{pmatrix}$			
4'-0"			

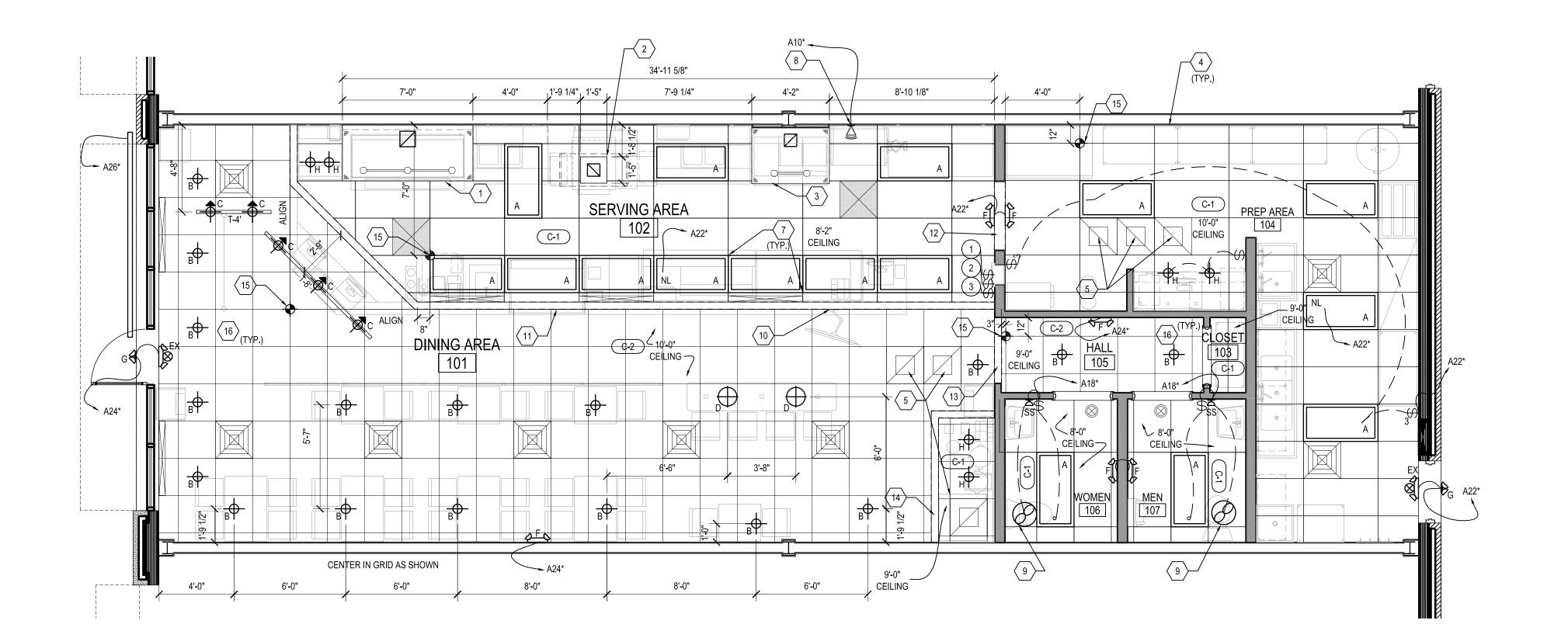
LIGHT SWITCH & CIRCUIT KEY ALL SWITCHES MUST BE LABELED AS TO WHICH AREAS/ LIGHTS THEY CONTROL.

ALL SWITCHES MUST HAVE ILLUMINATED INDICATOR FOR 'ON'.

EXAMPLE: "DINING - TRACK"

SYMBOL	DESCRIPTION	SIZE	MOUNT	HEIGHT	LAMP	TYPE	MANUFACTURER	PRODUCT CODE #	NOTES	ALTERNA
А	2' x 4' LED TROFFER	2' x 4'	RECESSED CEILING GRID	CEILING REFER TO PLAN	48.1W 6400 LUMEN	5000K LED	SATCO	WS2450WSEL	LED BACKLIT FLAT PANEL: 50 WATT, 2FT. X 4 FT. SELECTABLE CCT, 100 - 277 VOLT	NO
<u>В</u>	DOWNLIGHT CAN	6" Ø	RECESSED	CEILING	11W	BR-30 LED	SATCO	WS5CANNC	5" RECESSED CAN - NEW CONSTRUCTION	NO
C C AIM PER ARROW	ROUNDBACK LAMPHOLDER	4 31/2" Ø x 6 7/8" L.	TRACK	CEILING	11W	BR-30 LED	SATCO	WS8TRBK - WS4TRBK WS12WTHBK36 WSLECBK	8'-TRACK, black finish (USE WS4TRBK FOR 4' TRACK) 12W LED track head - pinch back - black finish - 36 degree beam LIVE END WITH CANOPY, black finish	NO
	SEATING COUNTER PENDANT	10" Ø x 11" H	CEILING	6'-6" AFF TO BOTTOM	11W	BR-30 LED	SATCO	WSPENSMBK	BELLCAP, 1 LIGHT, SMALL PENDANT FIXTURE, MATT BLACK FINISH	NO
E &	EXIT SIGN	13" x 7 1/2" x 2 1/8"	SURFACE (VERIFY)	ABOVE DOOR	3.8W	LED	NICOR	WSNCEMRL	WHITE w/ RED LETTERS / BATT. BACK-UP	NO
EX ∠ <mark>&</mark> &	EXIT SIGN & EGRESS LIGHT	13" x 10" x 2 3/4"	SURFACE (VERIFY)	ABOVE DOOR	3.8W	LED	MAXLITE	WSMLEMRLCOMRC	WHITE w/ RED LETTERS / EMER. LIGHT, BATT. BACK-UP REMOTE CAPABLE	NO
<u></u>	EGRESS LIGHT	13" x 4 3/4"	SURFACE	8'-0" (7'-6" R.R.)	2W	LED	MAXLITE	WSMLEM2HBE	WHITE / EMER. LIGHT 2-HEAD BUGEYE, BATT. BACK-UP	NO
G A	2 HEAD EXTERIOR EGRESS LIGHT	5" PLATE	SURFACE	ABOVE DOOR	1W	LED	MAXLITE	WSMLEM2HRH	GREY FINISH / 2-HEAD, REMOTE HEAD	NO
	DOORBELL BUZZER	-	-	-	-	-	-	-	LOCATE IN CEILING, NEAR FRYER (SEE E2.0 PLAN) USE EDWARDS #1065 strap mounted BUZZER (82 dB @ 3 ft). EDWARDS #800 DOOR BUTTON see plan for location(s).	NO
Н	DOWNLIGHT CAN	6" Ø	RECESSED	CEILING	11W	BR-30 LED	SATCO	WS9W56ADJRET	9 WATT LED DOWNLIGHT RETROFIT, 5-6" ADJUSTABLE COLOR TEMP, 120V, DIMMABLE	NO

NOTE: 'NL' = NIGHTLIGHT (ON EMERGENCY CIRCUIT No. 8)



DRAWING KEYED NOTES

- GRIDDLE EXHAUST HOOD. SEE CEILING ANCHOR DETAIL, ON E2.0.
- OVEN EXHAUST SHAFT SS WRAP. CUT OUT CEILING PANEL FOR OVEN EXHAUST INCLUDING DUCT WRAP. FRYER EXHAUST HOOD. SEE CEILING ANCHOR DETAIL, ON E2.0.
- 4. ATTACH ALL EDGE RUNNERS OF SUSPENDED CEILINGS TO WALL BY USING 1 1/4" DRYWALL SCREWS 32" O.C. SCREW INTO EVERY OTHER WALL STUD. DO NOT SCREW EDGE RUNNER INTO EXHAUST HOODS IN SERVING AREA, USE RIVETS. CAULK BETWEEN EDGE RUNNER AND WALL, (MATCH CEILING COLOR).
- RETURN AIR GRILLE. REFER TO SHEET M1.0.
- 7. PROVIDE A WIRE CEILING HANGER AT EACH OF TWO, DIAGONALLY OPPOSED CORNERS FOR EACH LAY-IN
- LIGHT FIXTURE AND HVAC REGISTER. 8. MOUNT BUZZER FOR DOORBELL IN CEILING AT THIS LOCATION. USE EDWARDS #1065 STRAP MOUNTED BUZZER (82 dB @ 3 ft). CONCEAL ALL WIRES IN WALL. REFER TO K1.0 FOR EXTERIOR BUTTON LOCATIONS.
- EXHAUST FAN. REFER TO SHEET M1.0. 10. OWNER PROVIDED TV LOCATION. PRE-WIRE FOR ANTENNA OR CABLE PER OWNER INSTRUCTIONS. IF SATELLITE DISH, USE GENFLEX BOOT SPECS, R-7.01 DETAIL. STRAP VERTICAL CONDUIT FEED TO SIDE OF ROOF FRAMING. REFER TO K1.0 FOR BLOCKING AND INSTALLATION NOTES.
- 11. MAIN SERVING SOFFIT = 6'-8 1/2" A.F.F. TO BOTTOM 12. HEADER = 7'-4" A.F.F. WRAP JAMB AND HEADER W/ FRP-1. 1 1/2" x 1 1/2" STAINLESS STEEL CORNERS
- PUBLIC SIDE, 1 1/2" x 1 1/2" FRP CORNERS PREP SIDE. 13. HEADER @ 8'-111/4". REFER TO DETAIL ON SHEET A6.0.

14. BEVERAGE SOFFIT = 8'-6" A.F.F. TO BOTTOM, SEE DETAIL ON SHEET A6.0.

15. START CEILING GRID HERE. 16. CENTER FIXTURE IN CEILING PANEL. 1. ALL DIMENSIONS GIVEN ARE FINISHED DIMENSIONS. 2. DINING DUCTWORK SHALL BE ABOVE CEILING & INSULATED. SEE M1.0 FOR ADDITIONAL NOTES.

REFLECTED CEILING PLAN NORTH

ALL LEADERS LABELED WITH AN '*' (I.E. A9*) INDICATES THAT THERE ARE MORE ITEMS ON THAT CIRCUIT. SEE PANEL NOTES.

PER NEC, 700-12, ALL EGRESS LIGHTS MUST BE POWERED BY TAPPING INTO EACH PARTICULAR ROOM'S LIGHTING CIRCUIT AHEAD OF THE SWITCH. DOES NOT APPLY F THERE ARE MULTIPLE LIGHTING CIRCUITS SERVING A ROOM OR SPACE.



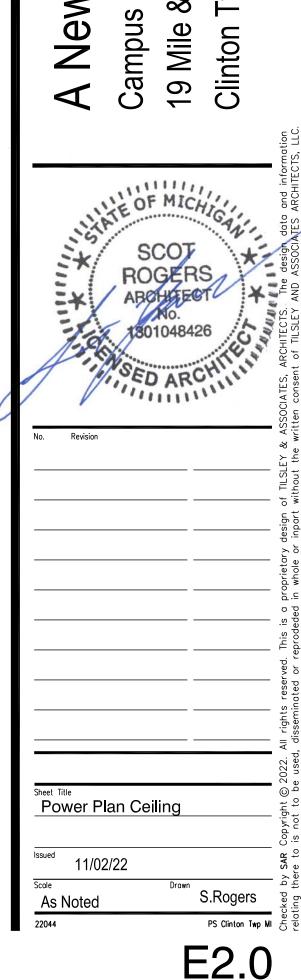
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ITEM	QTY	DESCRIPTION	MANUF'R	MODEL#	FINISH	ELEC	TRICAL	W	ATER \	NASTE	GAS		SIZE	NOTES	ITEM	BY
NO.						VOLT	PH LOAD	HW	/ CW D	IR INDIR	SIZE A	MT	(W x D x H)		NO.	
PA-1	3	SOAP DISPENSER	SAN JAMAR	S30TBK									5 1/4" x 5 1/4" x 8 5/8"		PA-1	*
PA-2	3	HAND SANITIZER	GOJO	NXT space saver 21:	30-06								4 3/4" x 4" x 9 1/2"	PROVIDED BY ALLIANT FOOD SERVICE	PA-2	*
PA-3	3	TOWEL DISPENSER	CASCADES	10105	PLASTIC								10 3/4" x 8 1/2" x 10 3/4"		PA-3	*
PA-4	1	WATER HEATER STAND	HoldRite	QuickStand 40-S-24-	U SS								24 x 24 x 16	WWW.HOLDRIGHT.COM, QUICKSTAND, REFER TO A.10	PA-4	GC
PA-5	1	WATER FILTER SYSTEM	EVERPURE	EV9330-42		120	1Ø		3/4"				25.8" x 6.74" x 25.59"	HIGH FLOW CSR TRIPLE-MC SYSTEM, REFER TO DETAIL THIS SHEET & A.10	PA-5	*
PA-6	1	HOT WATER FILTER	EVERPURE	EV9100-91				1/2	"				5 1/2" x 5 1/2" x 12 1/2"	HFC-10 SYSTEM, REFER TO DETAIL THIS SHEET & A.10	PA-6	*
PA-7	2	18" GRAB BAR - VERTICAL	BOBRICK	B-6806 x 18	SATIN								1-1/2"Ø x 18" LONG	REFER TO A7.0	PA-7	GC
PA-8	2	TRASH CAN	BRADLEY	344	SS								15 1/8" x 8 3/4" x 28 5/8"	REFER TO A7.0 RECESSED IN WALL / PROJECTS 4 $\frac{3}{4}$ ". SEE 10/A10.0	PA-8	*
PA-9	2	36" GRAB BAR	BOBRICK	B-6806 x 36	SATIN								1-1/2"Ø x 36" LONG	REFER TO A7.0	PA-9	GC
PA-10	2	42" GRAB BAR	BOBRICK	B-6806 x 42	SATIN								1-1/2"Ø x 42" LONG	REFER TO A7.0	PA-10	GC
PA-11	2	MIRROR	BOBRICK	B-290 24 36	SS								24" x 36" x 3/4"	USE 3/4" SS FRAME w/ CONCEALED FASTENERS, REFER TO A7.0	PA-11	GC
PA-12	2	TOILET TISSUE DISPENSER	CASCADES	4259	PLASTIC								11.7" x 5.9" x 14.6"	REFER TO A7.0	PA-12	#
PA-13	2	WARDROBE HOOK	IVES	581-B26D	SATIN								1" x 1-11/16" x 1-7/16"	INSTALL ON RESTROOM SIDE OF DOOR, REFER TO A7.0	PA-13	GC
PA-14	2	48" BRAIDED METAL HOSE	EASTMAN	98503										OR EQUAL	PA-14	0
PA-15	2	3/4" MALE TO 3/4" MALE COUPLER	WATTS	A680										OR EQUAL	PA-15	0
PA-16	2	HEAVY DUTY HOSE SPRAYER	GILMORE	1323GF										OR EQUAL	PA-16	0

P P = PLUMBER EQUIPMENT PROVIDED BY EC WILL BE EC = EQUIPMENT CONTRACTOR COLOR CODED PER THE FOLLOWING: 'K' ITEMS = RED GC = GENERAL CONTRACTOR * = PROVIDE BY EC INSTALLED BY GC

'KA' ITEMS = YELLOW 'S' ITEMS = GREEN 'P' ITEMS = BLUE

PLUMBING GENERAL NOTES

- 1. WATER HEATER: SET TEMPERATURE SO HOT WATER @ PREP SINK = 130°.
- 2. GREASE TRAP: EXISTING EXTERIOR 1500 GAL.
- VENT LINES: MINIMUM VERTICAL CLEARANCE BELOW ALL LATERAL VENT LINES SHALL BE 10'-6" TO FINISHED FLOOR OR JUST BELOW TOP CHORD OF TRUSS, WHICHEVER IS LOWER. EXCEPTION, VENT LINES IN DEMISING WALL MUST EXIT THAT WALL INTO TENANT CEILING SPACE AS SOON AS POSSIBLE.
- 5. CENTERLINE OF ALL PIPING PENETRATING WALLS TO BE MIN. 9" A.F.F. UNLESS NOTED OTHERWISE.
- 6. PAINT ALL EXPOSED GAS PIPING AND METER TO MATCH EXTERIOR WALL. VERIFY WITH UTILITY CO. USE OIL BASE
- 7. TROWEL SURFACE OF CONCRETE FLOOR SLAB TO SLOPE TOWARD ALL FLOOR DRAINS / SINKS IN PREP AREA AT REAR OF SPACE, EXCEPT FLOOR DRAINS LOCATED IN SERVING AREA. FROM A 12" RADIUS, SLOPE FLOOR SURFACE DOWN 3/4" TO DRAIN / SINK. FEATHER EDGES INTO SURROUNDING SLAB. SLOPE QUARRY TILE INTO ALL FLOOR DRAINS / SINKS AS WELL. TOP OF DRAIN/GRATE = 1/8" BELOW TOP OF QUARRY TILE.
- 8. PROVIDE FLOOR SINK @ PREP SINK. SIOUX CHIEF: #861-3PX (9X9X6) PVC SQUARE FLOOR SINK w/ 6" SUMP, ALUMINUM DOME STRAINER & 1/2 PVC TOP GRATE. SET FLOOR SINK INTO CONC. FLOOR AND LAY QUARRY TILE UP TO EDGE OF SINK, 1/8" ABOVE TOP OF GRATE, FILLING GAPS BETWEEN SINK AND TILE WITH GROUT. (ALTERNATE: WADE WFS-120-H w DOME STRAINER)
- 9. PROVIDE ESCUTCHEON PLATES AT ALL MECHANICAL, PLUMBING AND ELECTRICAL WALL PENETRATIONS. CAULK INTO POSITION, SEALING ALL GAPS OR OPENINGS.
- 10. NO PIPING, WIRE, CONDUIT, ETC. SHALL BE EXPOSED MORE THAN THE MINIMUM REQUIRED TO INSTALL PROPER FITTINGS AND ESCUTCHEON PLATES.
- 11. PROVIDE TEMPERING VALVES @ EACH HAND SINK & LAVATORY. SET OUTLET TEMPERATURE AT 110° MAX AT ALL HAND SINKS.
- 12. ALL FLOOR DRAINS & CLEANOUTS ARE OF SOLID BRASS/BRONZE CONSTRUCTION AND MUST BE ADJUSTABLE. SET CLEANOUTS FLUSH w/ FINISHED FLOOR. SET FLOOR DRAINS 1/16" BELOW FINISHED FLOOR. SIZE = 4" dia. NOMINAL, UNLESS NOTED OTHERWISE. U.N.O., KEEP FLOOR DRAIN 18" FROM WALL.
- 13. ALL HAND SINKS & PUBLIC LAVATORIES MUST HAVE LEVER HANDLE CONTROLS MEETING ACCESSIBLITY STANDARDS PER ICC A117.1-2009 & 2010 ADAAG.
- 14. UNPLUGGING A DEVICE CONSTITUTES A "MEANS OF DISCONNECT" WHEN WORKING ON DEVICE.
- 15. COLD WATER FILTER: TIE ONLY TO ICE MACHINE, PEPSI MACHINE AND UPPER PREP SINK FAUCET. MOUNT ON BRACKET ATTACHED TO WALL. MOUNT ABOVE PREP SINK AND PROVIDE STOPS AT BOTH SIDES OF FILTER ASSEMBLY. SEPARATE WATER LINES TO ICE MACHINE / SODA DISPENSER AND PREP SINK PER DETAILS THIS SHEET, MANUFACTURER: EVERPURE #9272-00 HFC-10, REPLACEMENT CARTRIDGES: 9612-01.
- 16. HOT WATER FILTER: TIE ONLY TO FILTERED FAUCET ABOVE PREP SINK. MOUNT ON BRACKET ATTACHED TO WALL WALL. MOUNT ABOVE PREP SINK AND PROVIDE STOPS AT BOTH SIDES OF FILTER ASSEMBLY PER DETAIL THIS SHEET. MANUFACTURER: EVERPURE #9272-00 HFC-10. REPLACEMENT CARTRIDGES: 9612-01.
- 17. GENERAL CONTRACTOR: FAUCET @ MOP SINK BY GC TO BE T&S BRASS MODEL NO. B-0665-BSTR (ROUGH CHROME PLATED FINISH), SUPPLIED & INSTALLED BY GC. FAUCET ABOVE PREP SINK BY EC TO BE T&S BRASS MODEL NO. B-0232 W/ 060X 8" SWIVEL NOZZEL, INSTALLED BY G.C. WALL HUNG FAUCET @ 3-COMP SINK BY EC TO BE T&S BRASS MODEL NO. B-0665-BSTR (ROUGH CHROME PLATED FINISH), INSTALLED BY GC.

- DRILL 3" INTO EXISTING SLAB & EPOXY ANCHOR 6" #4 REBAR @ 2'-0" O.C. TYP. EACH SIDE - 1" SAWCUT & MAXIMUM 2:1 LENGTH TO WIDTH RATIO - 4" 4000 PSI CONCRETE w/ W2.9xW2.9 6x6 WWF

GRADATION TO MATCH PROJECT

ON 6 MIL WB — EXISTING 4" SLAB

CONCRETE FLOOR PATCH

SPECIFICATION TO MATCH PROJECT
SPECIFICATION REQUIREMENTS

- 18. BACKFLOW PREVENTION ASSEMBLY: ZURN WILKINS MODEL 975XL2.
- 19. SUPPORT VENT PIPES AS THEY EXIT THE ROOF W/ BRACE(S) IN TRUSS CAVITY.

PLUMBING PLAN DRAWING NOTES (

- 1. DRINK & ICE DISPENSER (BEV-1) BACKFLOW PREVENTION = WATTS 9BD BACKFLOW PREVENTER WATER SUPPLY = 18" A.F.F., 1'-8" FINISHED FROM CORNER
- 2. TEA BREWER (KA-15) BACKFLOW PREVENTION = WATTS 9BD BACKFLOW PREVENTER WATER SUPPLY = 18" A.F.F., 2'-6" FINISHED FROM CORNER

WATER SUPPLY = 78" A.F.F., 2'-6" FINISHED FROM CORNER

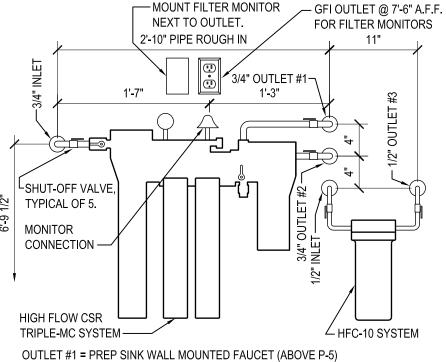
- 3. SODA TOWER ICE MAKER (K-25) BACKFLOW PREVENTION = INTERNAL AIR GAP
- 4. INSTALL ANSUL GAS SHUT-OFF VALVE IN CEILING BETWEEN 9'-0" & 10'-0" A.F.F. FOR ACCESSIBILITY. VALVE BY HOOD SUPPLIER, INSTALLED BY GC. IF LOCAL OFFICIALS REQUIRE VALVE TO BE VISIBLE. LOOP PIPING TO POSITION VALVE JUST BELOW CEILING TO REAR SIDE OF HOOD. VERIFY WITH LOCAL OFFICIALS.
- CORED FLOOR PENETRATION REQUIRED IN ADDITION TO PLUMBING LINES. 4"Ø MAXIMUM CORE, REFER TO A4.0 & A9.0. AFTER CORE DRILLING, MAKE A CONCRETE PLUG BELOW SLAB, MINIMUM 6" THICK, THEN SET ANGLE OR COUNTERTOP POST.
- 6. ANCHOR SAFE TO FLOOR. USE SS FASTENERS & GROUT TO FLOOR.
- 7. STRAP ICE MAKER RELIEF TUBE TO BIN DRAIN. POSITION BOTH OVER HUB DRAIN.
- 8. RUN PRESSURE RELIEF TUBE & PAN DRAIN THROUGH WALL AND STUB OUT OVER FLOOR DRAIN.
- 9. BACKFLOW PREVENTER & SHUT-OFF VALVE LOCATION. VERIFY IF NEEDED IN STRIP CENTER CONDITION. MAIN SYSTEM MAY BE COVERED. ZURN WILKINS MODEL 975XL2 IF REQ'D.
- 10. FRANCHISEE TO PURCHASE 3/4" MALE TO 3/4" MALE COUPLER (WATTS A-60 LOWES SKU 34766), 4' BRAIDED METAL HOSE (EASTMAN 98503 LOWES SKU 0246987) AND HEAVY DUTY GARDEN HOSE SPRAYER (GILMORE 1323GF LOWES SKU 62326).

- 11. FLUSH CONTROL MUST BE MOUNTED ON OPEN SIDE OF TOILET AREA.
- 12. CENTERLINE OF ELECTRIC, PHONE & CPU FEEDS TO PREFABRICATED SERVING COUNTER. HEIGHTS OF CONNECTIONS: ELECTRIC = 18" A.F.F., PHONE & CPU = 24" A.F.F.

O = PROVIDED BY OWNER

- 13. 6" PVC SODA SLEEVE FROM 12" A.F.F. @ SODA SHELVING RUN UNDER SLAB AND STUBBED UP 6" A.F.F. UNDER BEVERAGE TABLE. USE ONLY 45° FITTINGS, NO 90°. SEAL OFF OPENINGS AFTER INSTALLATION OF SODA LINES. MODIFY BOTTOM SHELF OF BEVERAGE TABLE AS REQUIRED TO ACCESS SODA LINES.
- 14. LOCATE HUB DRAIN BELOW BEVERAGE TABLE AS SHOWN. TOP = 4" A.F.F. 10" TO CENTER OF DRAIN FROM CORNER.
- 15. HAND SINK EQUIPPED W/ SPLASH GUARDS, BOTH SIDES.
- SHOP DRAWINGS REQUIRED FROM PREFAB MANUFACTURER PRIOR TO FABRICATION
- 17. REFER TO GAS PIPING ROUGH DETAIL 12/ A6.0
- 18. APPROXIMATE LOCATION OF THE EXISTING 6" SANITARY LINE. CONTRACTOR TO VERIFY BEFORE CONSTRUCTION AND REPORT EXACT LOCATION, IF IT REQUIRES DRAWING REVISIONS.
- 19. APROXIMATE LOCATION OF THE EXISTING 4" GREASE SANITARY LINE. CONTRACTOR TO VERIFY BEFORE CONSTRUCTION AND REPORT EXACT LOCATION, IF IT REQUIRES DRAWING REVISIONS.
- 20. PROVIDE 2" GAP AT PREP SINK INDIRECT DRAIN.
- 21. INSTALL FLOOR DRAINS IN COOK LINE AND PREP AREAS FLUSH WITH FINISHED FLOOR.
- 22. CATV / TELEPHONE / ELECTRIC IN UNDER SLAB CONDUITS. 1" FOR CATV & TELE, 1 1/2" FOR ELEC. STUB UP FROM SLAB AT CENTERLINE OF SERVING WALL. SPACE AS FAR APART AS POSSIBLE. CONNECT TO JUNCTION BOXES INSIDE WALL. SEE NOTE #12 FOR HEIGHTS.
- 23. FLOOR DRAIN AT THIS LOCATION SHALL HAVE A 9" dia TOP GRATING.

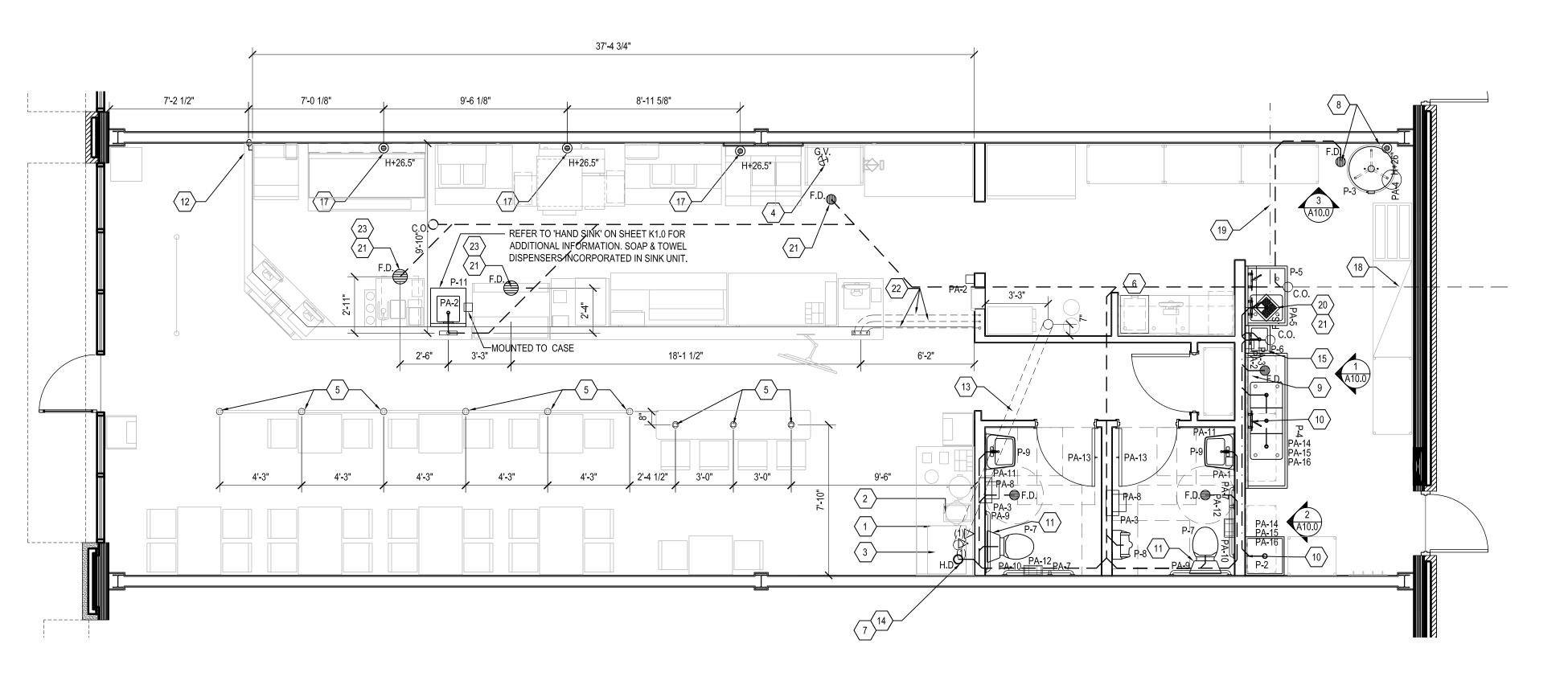
FLUSH THE POTABLE WATER SUPPLY SYSTEM PREVIOUS TO FINAL CONNECTION OF **EQUIPMENT.**



OUTLET #1 = PREP SINK WALL MOUNTED FAUCET (ABOVE P-5) TEA BREWER (KA-15)

DRINK & ICE DISPENSER (BEV-1) OUTLET #2 = ICE MAKER (K-23) or SODA TOWER ICE MAKER (K-25), REFER TO PLAN OUTLET #3 = PREP SINK WALL MOUNTED FAUCET (ABOVE P-5)

REFER TO A10.0 FOR LOCATION DIMENSIONS



THIS PROJECT IS THE FIRST BUILD-OUT IN THIS TENANT SPACE OF A NEW BUILDING SHELL. AS SUCH, THE ENTIRE SLAB FOR THIS SPACE WILL BE NEW. PER THE SHELL DOCUMENTS, THE SLAB WILL BE: 4" 4000PSI CONCRETE SLAB ON 6" COMPACTED GRANULAR FILL w/W.W.F. 6x6xW2.9xW2.9 (21#) MESH CENTERED ON CHAIRS IN SLAB. LIVE LOAD: 250psf PER SHELL DOCUMENTS.



NEW SANITARY **EXISTING SANITARY** REFER TO RESTROOM ELEVATIONS ON NEW SANITARY GREASE DRAWING A7.0 FOR PLUMBING FIXTURE DIMENSIONS AND ACCESSORY DETAILS. EXISTING SANITARY GREASE S **(1)** 0

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No.	Revision	SED	ARC	HITE	TO THE WALLE
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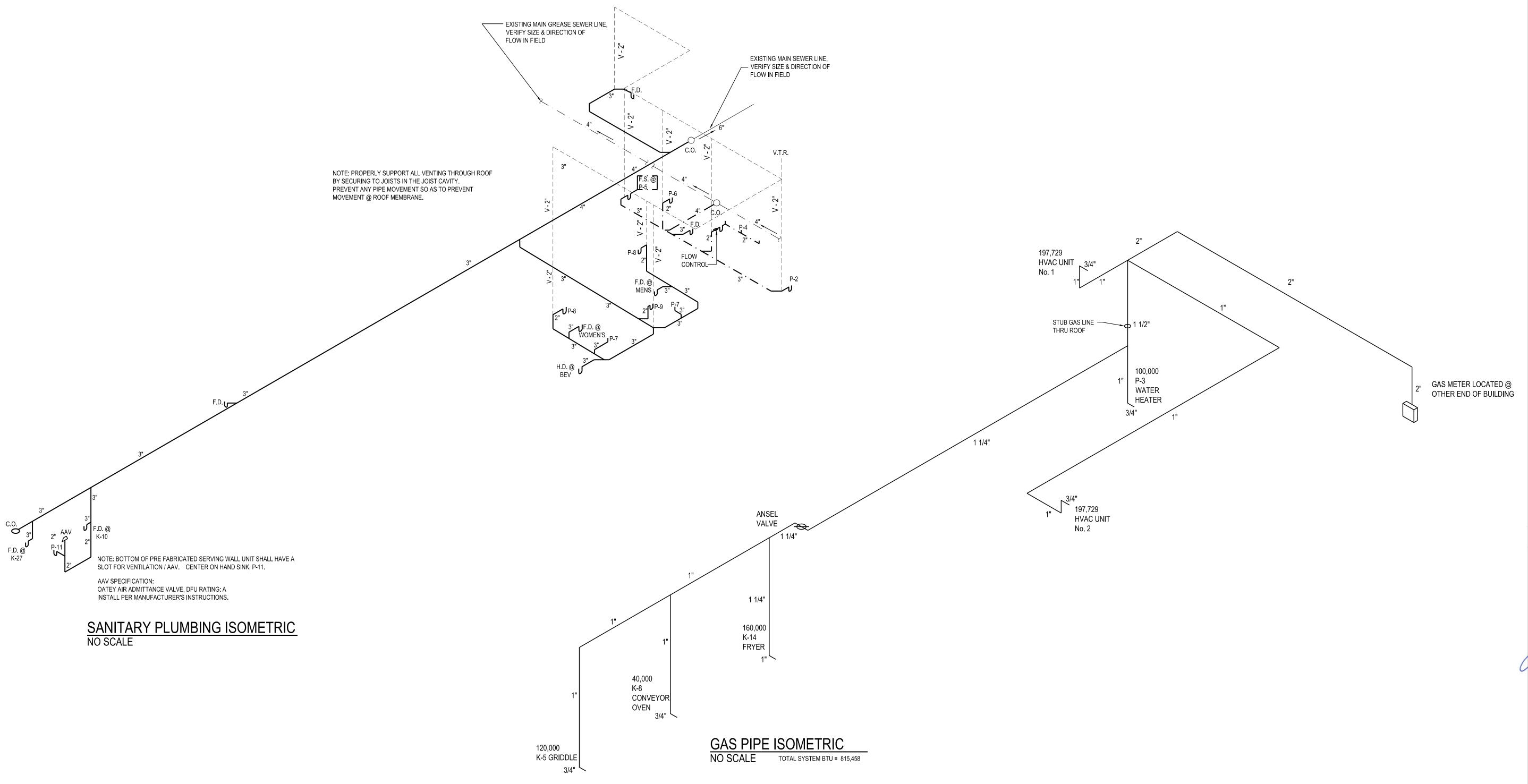
PS Clinton Twp MI 7

11/02/22

SLAB SPECIFICATION 4" MINIMUM COMPACTED STONE FILL

PLUMBING PLAN





Station Restaurant Peni New

Collection Garfield Campus (19 Mile

48038

Twp, MI

Clinton .

			CHILL
Revision		1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944	
	Revision	Revision	Revision

Sheet Title
Plumbing Isometrics S.Rogers

NOTE: UNDER SOME CONDITIONS, DISTANCE TO METER MAY VARY. CHECK WITH PLUMBER AND/OR UTILITY CO. TO UPSIZE THE PIPE AS REQ'D IN ORDER TO PROVIDE THE BTU NEEDED.

ALL GAS PIPING IS BLACK IRON PIPE WITH THREADED JOINTS. ALL PIPING @ COOK LINE TO BE STUBBED OUT OF WALL AT HEIGHTS INDICATED ON PLAN. REFER TO 'CABLE RESTRAINT DETAIL' ON SHEET A6.0.

KEY **NEW SANITARY** NEW GREASE SANITARY EXISTING SANITARY EXISTING GREASE SANITARY — · — · — · — VENT _____

<u>HOOD INFORMATION - JOB#5126207</u> APPLIANCE DESIGN TOTAL HOOD TAG MANUFACTURER LENGTH |COOKING| TYPE END TO MODEL CFM/FT EXH CFM WIDTH LENG HEIGHT DIA CFM VEL ROW DUTY CONSTRUCTION TEMP 430 SS 600 1 | HD1-Grill CAPTIVEAIRE HEAVY 175 1225 |1225| 1604 |-0.662 ALONE DEG BD-2WHERE EXPOSED 4412 430 SS 2 HD2-Oven 200 1'9.25" Light 600 | 1500 | -0.376 600 ALONE | ALONE Deg. 100% PS-0vn 3650 600 3 HD3-Fry ALONE | ALONE CAPTIVEAIRE HEAVY 192 800 800 | 1600 |-0.706 WHERE EXPOSED

FOR QUESTIONS, CALL THE CAPTIVE-AIRE (TRI-STATE) OFFICE 1329 E. KEMPER RD. SUITE 4210 PHONE: (513) 860-5555 joe.hertenstein@captiveaire.com

H00	D INFOR	2MATION														
			FILTER(S	S)			LIGHT(S)					UTILITY CABINET(S)			FIRE	HOOD
HOOE NO	TAG				EFFICIENCY @ 7			WIRE			FI	RE SYSTEM	ELECTRICAL	SWITCHES		1 HANGING
NO	1710	TYPE	QTY HEIGHT	LENGTH	MICRONS	QTY	TYPE	GUARD	LOCATION	SIZE	TYPE	SIZE	MODEL #	QUANTITY	PIPING	WEIGHT
1	HD1-Grill	CAPTRATE SOLO FILTER	4 16"	16"	85% SEE FILTER SPEC	3	L55 SERIES E26	NO							YES	249 LBS
2	HD2-Oven	SS Baffle w/ Handles	2 10"	20"	30%	0									YES	248 LBS
3	HD3-Fry	CAPTRATE SOLO FILTER	3 16"	16"	85% SEE FILTER SPEC	2	L55 SERIES E26	NO	WALL MNT	12"×48"×24"	ANSUL R102	3.0/3.0	SC-130220MA_MA4	2 LIGHT 2 FAN	YES	226 LBS

<i>H00L</i>	<u>OPTION</u>	$^{\prime}S$
HOOD NO	TAG	OPTION
	HD1-Grill	FIELD WRAPPER 14.50" HIGH FRONT, LEFT, RIGHT.
1 1		RIGHT QUARTER END PANEL 26" TOP WIDTH, 0" BOTTOM WIDTH, 26" HIGH 430 SS.
'		LEFT QUARTER END PANEL 26" TOP WIDTH, 0" BOTTOM WIDTH, 26" HIGH 430 SS.
		SENSOR-CV.
		FIELD WRAPPER 14.50" HIGH FRONT, LEFT, RIGHT.
		RIGHT QUARTER END PANEL 26" TOP WIDTH, 0" BOTTOM WIDTH, 26" HIGH 430 SS.
2	HD3-Fry	LEFT VERTICAL END PANEL 26" TOP WIDTH, 26" BOTTOM WIDTH, 61" HIGH INSULATED 430 SS.
		SENSOR-CV.

TILITY CABINET(S

SIZE

3.0/3.0

SIZE

1.250

UTILITY CABINET DRAWING

NOTE TEMPERATURE

1 SENSOR LOCATIONS

ELECTRICAL

MODEL #

SC-130220MA_MA4

MOUNT ON SIDE OF

SEE HOOD ISOMETRIC DRAWING THIS PAGE.

SIDE OF HOOD THAT

OF THE STORE.

SUPPLIED BY

CAPTIVEAIRE SYSTEMS

SWITCHES

QUANTITY

2 LIGHT

2 FAN

WEIGHT

254.00 LBS

WALL-MOUNT UTILITY CABINET

SIZE

2 | WALL MNT | 12"x48"x24" | ANSUL R102

TAG

FS-1

 $GAS_{VALVE}(S)$

SYSTEM

NO

ROOM TEMPERATURE SENSOR ~

MOUNT ON SIDE OF CABINET FACING THE REAR OF THE STORE

REFER TO HOOD ISOMETRIC DRAWING THIS SHEET TYPE

TYPE

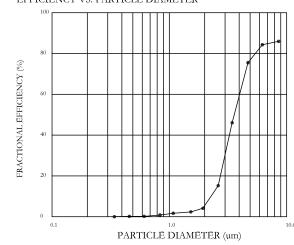
MECHANICAL

HOOD NO

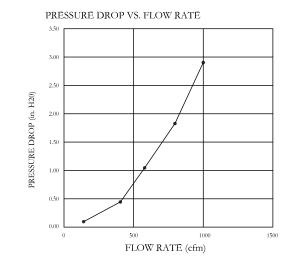
LOCATION

SPECIFICATION: CAPTRATE GREASE-STOP SOLO FILTER

- THE CAPTRATE GREASE—STOP SOLO FILTER IS A SINGLE—STAGE FILTER FEATURING A UNIQUE S—BAFFLE DESIGN IN CONJUNCTION WITH A SLOTTED REAR BAFFLE DESIGN, TO DELIVER EXCEPTIONAL FILTRATION EFFICIENCY.
- FILTER IS STAINLESS STEEL CONSTRUCTION, AND SIZED TO FIT INTO STANDARD 2-INCH DEEP HOOD CHANNEL(S).
- UNITS SHALL INCLUDE STAINLESS STEEL HANDLES AND A FASTENING DEVICE TO SECURE THE TWO COMPONENTS WHEN ASSEMBLED.
- GREASE EXTRACTION EFFICIENCY PERFORMANCE SHALL REMOVE AT LEAST 75% OF GREASE PARTICLES FIVE MICRONS IN SIZE, AND 85% GREASE PARTICLES SEVEN MICRONS IN SIZE AND LARGER, WITH A CORRESPONDING PRESSURE DROP NOT TO EXCEED 1.0 INCHES OF WATER GAUGE.
- THE CAPTRATE GREASE-STOP SOLO WAS TESTED TO ASTM STANDARD ASTM F2519-05. EFFICIENCY VS. PARTICLE DIAMETER

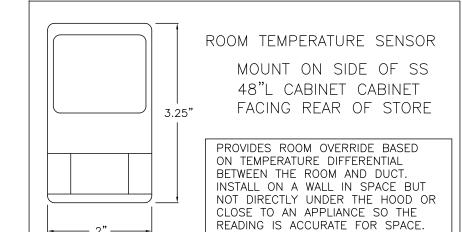


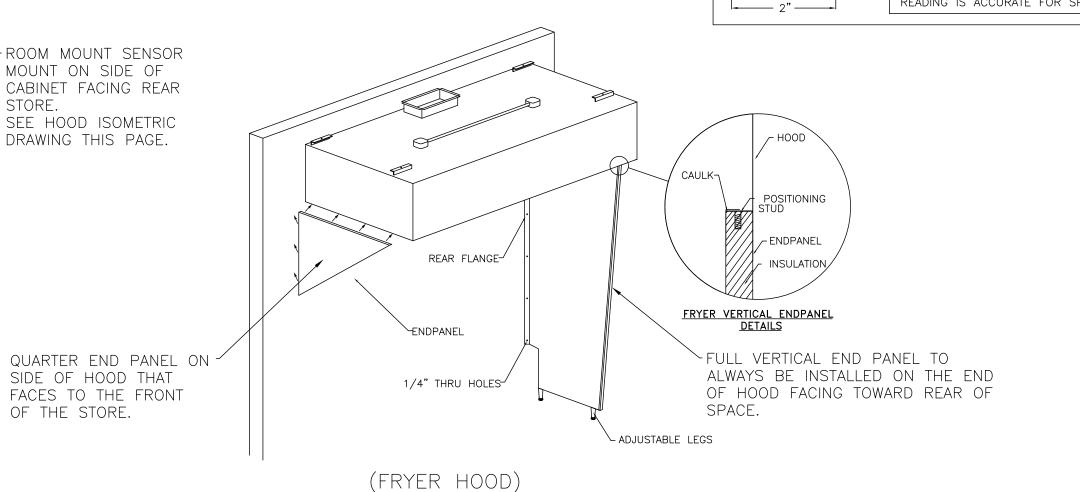
CAPTRATE FILTERS ARE BUILT IN COMPLIANCE WITH:. NFPA #96 NSF STANDARD #2 UL STANDARD #1046 INT. MECH. CODE (IMC) ULC-S649

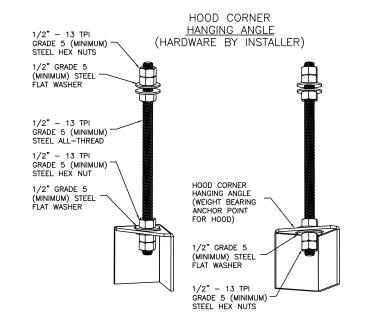












ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD. SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION BENEATH HOOD HANGING ANGLES AND ABOVE CEILING ANCHORS. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.

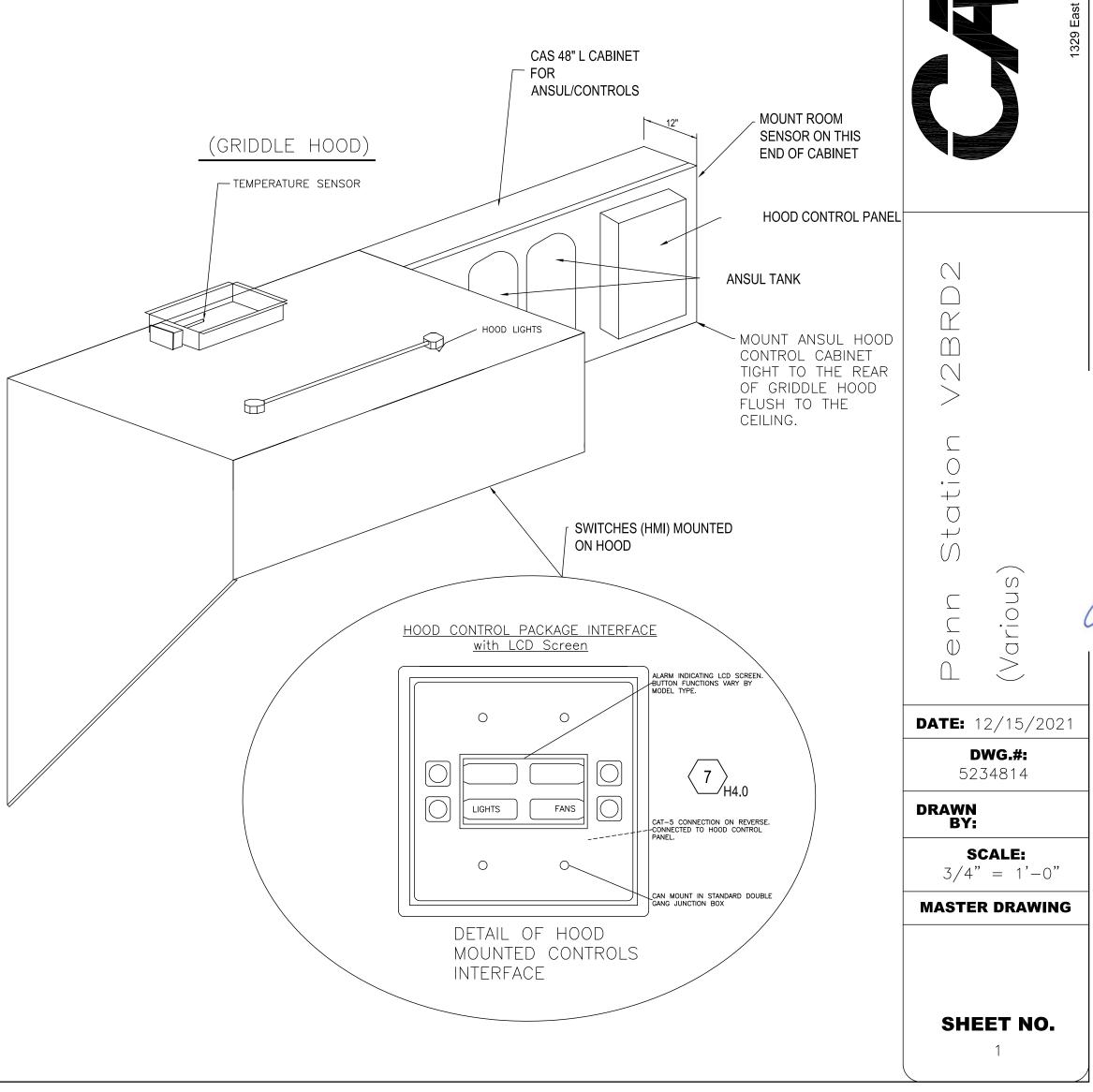
CAPTIVE—AIRE HOODS ARE BUILT IN COMPLIANCE WITH UL 710 AND NFPA 96 AND ARE RECOGNIZED BY ONE OR MORE OF THE FOLLOWING:

ETL SANITATION LISTED ETL LISTED FILE# 3054804-001

HOOD SYSTEM IS

DESIGNED PER UL-710 STANDARDS

GENERAL WIRING COMPONENTS ONLY (MUST READ ALL DETAILED DIRECTIONS ON THE CAPTIVE-AIRE ELECTRICAL DWG SHEET PROVIDED





REVISIONS

DESCRIPTION

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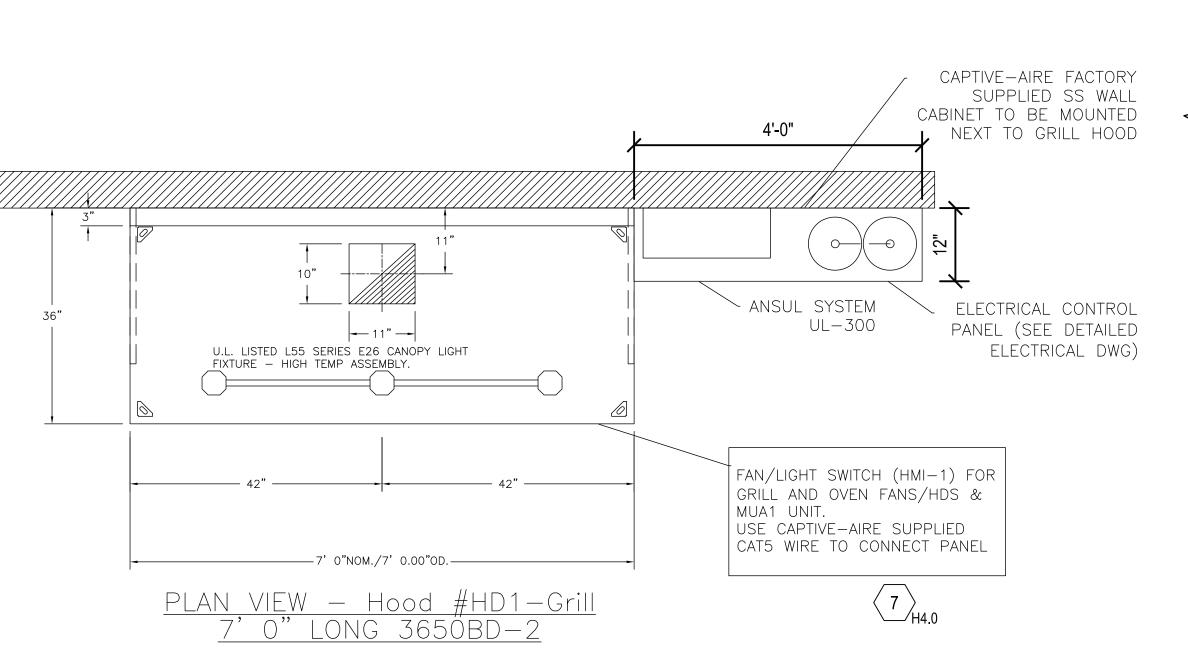
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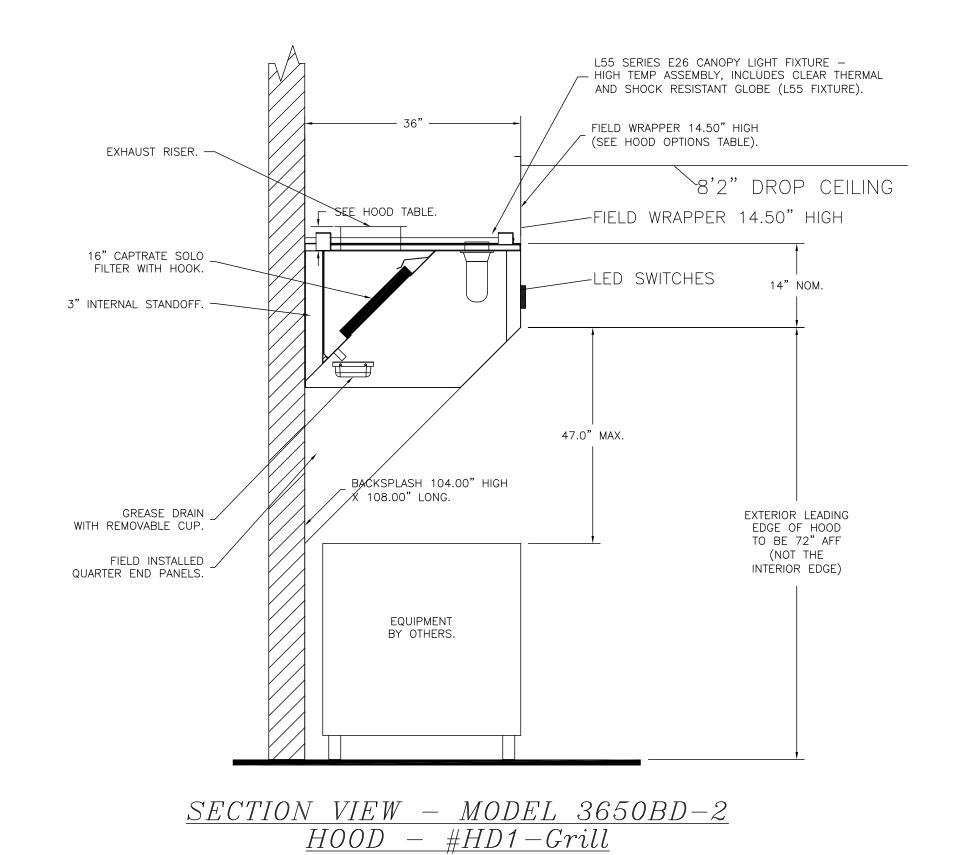
19 Mile Clinton ISTATE OF MICHIGA 1301048426 WAROUNG Captiveaire Shop Drawings 11/02/22 S Rogers PS Clinton Twp MI 등

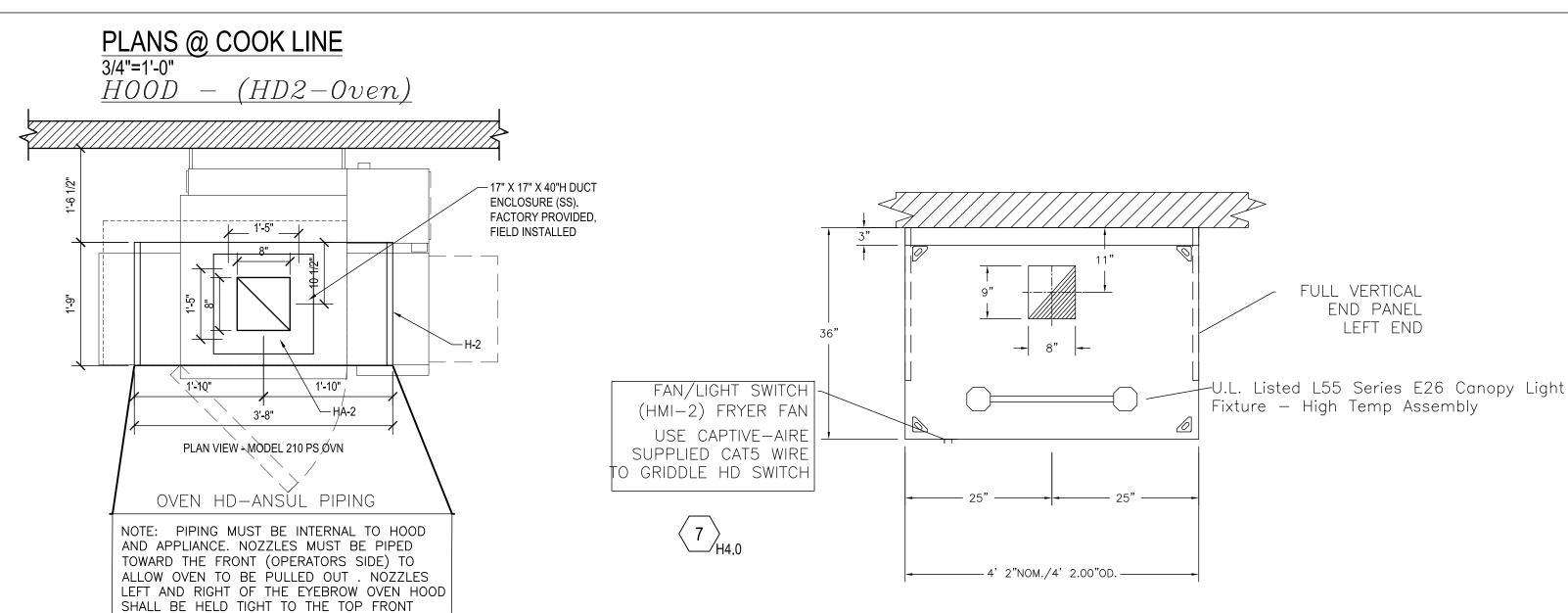
H1.0



	AIR BALAN	ICE SCHEDULE	
TAG	ROOMS SERVED	O.A. CFM	EXHAUST CFM
KEF-1	HD1 (GRILL)	-	- 1225
KEF-2	HD2 (OVEN)	-	- 600
KEF-3	HD3 (FRYER)	-	- 800
RTU-DOAS1	KITCHEN + HOODS	+ 1475	-
EF 4/5	TOILETS	_	- 225
RTU-DOAS2	BUILDING	+ 1450	-
,	NET	+75 CFM	

KITCHEN TO MAINTAIN A SLIGHTLY NEGATIVE PRESSURE. OVERALL BUILDING PRESSURE TO BE BETWEEN -0.02" TO +0.02" WC PER IMC COMMENTARY RECOMMENDATIONS





PLAN VIEW - (Hood #3-Fry)

<u>2.00" long 246acpsp-ple</u>num

CAPTIVE—AIRE HOODS ARE
BUILT IN COMPLIANCE WITH

UL 710 AND NFPA 96

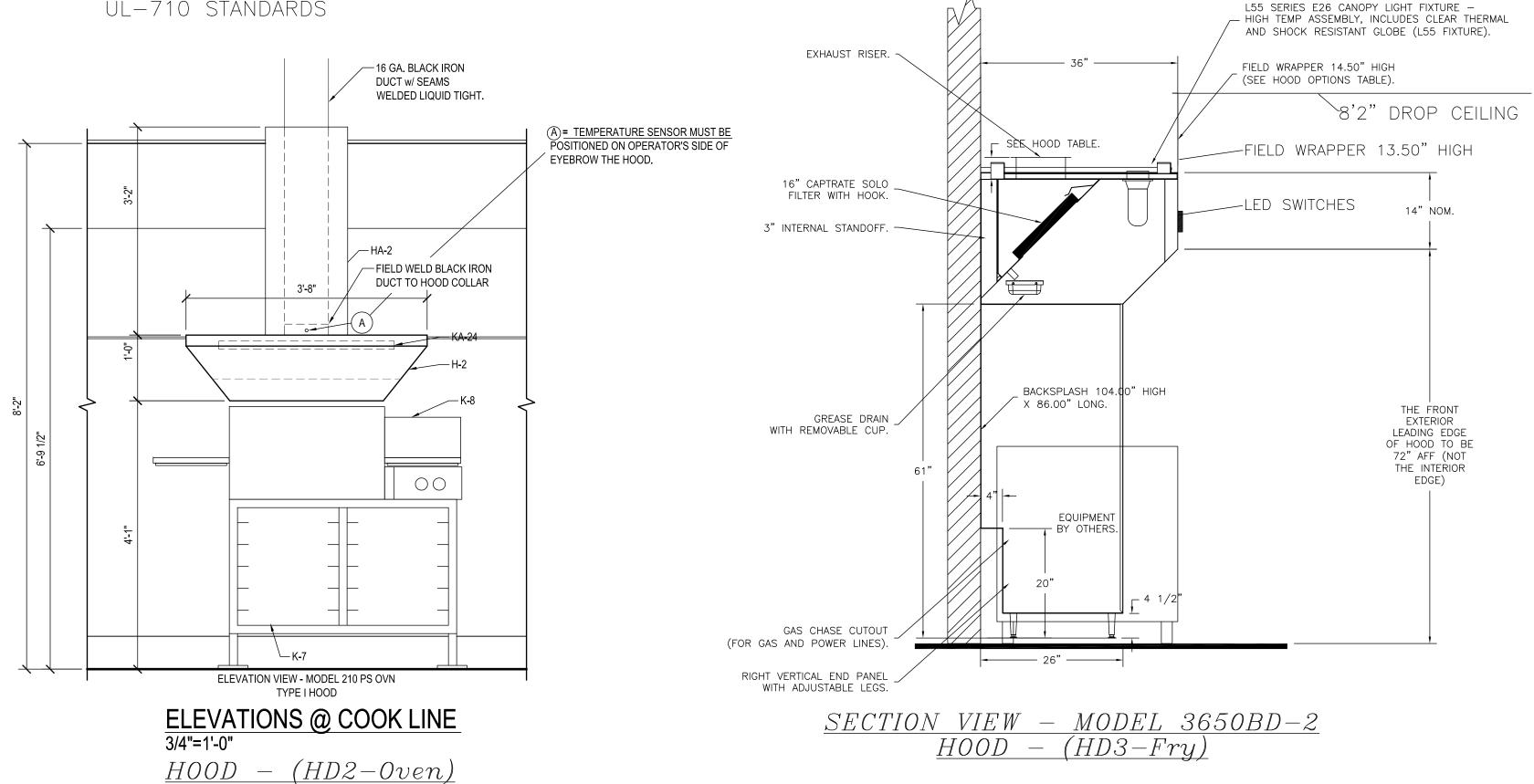
AND ARE RECOGNIZED BY ONE
OR MORE OF THE FOLLOWING:

ETL SANITATION LISTED

ETL LISTED FILE# 3054804—001

CORNER OF THE OVEN CANOPY AS POSSIBLE.

HOOD SYSTEM IS FABRICATED & DESIGNED PER UL-710 STANDARDS





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DRAWN

FOR QUESTIONS, CALL THE CAPTIVE—AIRE (TRI—STATE) OFFICE 1329 E. KEMPER RD. SUITE 4210

PHONE: (513) 860-5555 joe.hertenstein@captiveaire.com

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DATE: 12/15/2021

DWG.#:

5234814

SCALE:

3/4" = 1'-0"

MASTER DRAWING

SHEET NO.

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REVISIONS

DESCRIPTION

A New Penn Station
Campus Collection
19 Mile & Garfield
Clinton Twp, MI 48038

estaurant

TILSLEY

ARCHITECTS
1140 SAINT GREGORY ST. CINCINNATI

O H I O 4 5 2 0 2 T E L 5 1 3 . 6 5 1 . 4 3 0 0 W W W . TILSLE Y A R C H I T E C T S . C O M

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				mation TS, LLC.
* A STATE OF THE S	SCOTOGE NO. 1301048	CHIG RS 426	WY X ADMIN	reserved. This is a proprietary design of TILSLEY & ASSOCIATES, ARCHITECTS. The design data and information ated or reprodeded in whole or inpart without the written consent of TILSLEY AND ASSOCIATES ARCHITECTS, LLC.
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Sheet Title Captiveaire	Shop			ked by SAR Copyright © 2022. All rights ing there to is not to be used, dissemin
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Drawings lssued 11/02/22				SAR Col re to is
Scale As Noted	Drawi	S.Rc	gers	ked by ing the

PS Clinton Twp MI & 5 2

EXHAUST FAN INFORMATION - JOB#5234814 WEIGHT MOTOR DISCHARGE UNIT TAG FAN UNIT MODEL # MANUFACTURER CFM ESP RPM HP | BHP | PHASE | VOLT | FLA SONES ENCL (LBS) VELOCITY 1 |EF-1 (GRILL)| DU85HFA CAPTIVEAIRE 1225 1.150 | 1240 | TEAO-ECM | 0.750 | 0.3630 | 115 8.9 388 FPM 89 10.5 2 KEF2 (OVEN) DU33HFA CAPTIVEAIRE 600 0.600 1296 | TEAO-ECM | 0.333 | 0.1420 | 115 4.3 297 FPM 70 11.5 3 KEF3 (FRY) 10.1 DU85HFA CAPTIVEAIRE 800 1.200 1210 | TEAO-ECM | 0.750 | 0.3090 | 115 8.9 253 FPM 89

23.000"W x 23.000"L x 30.000"H Vented Hinged

Fryer Hood Curb

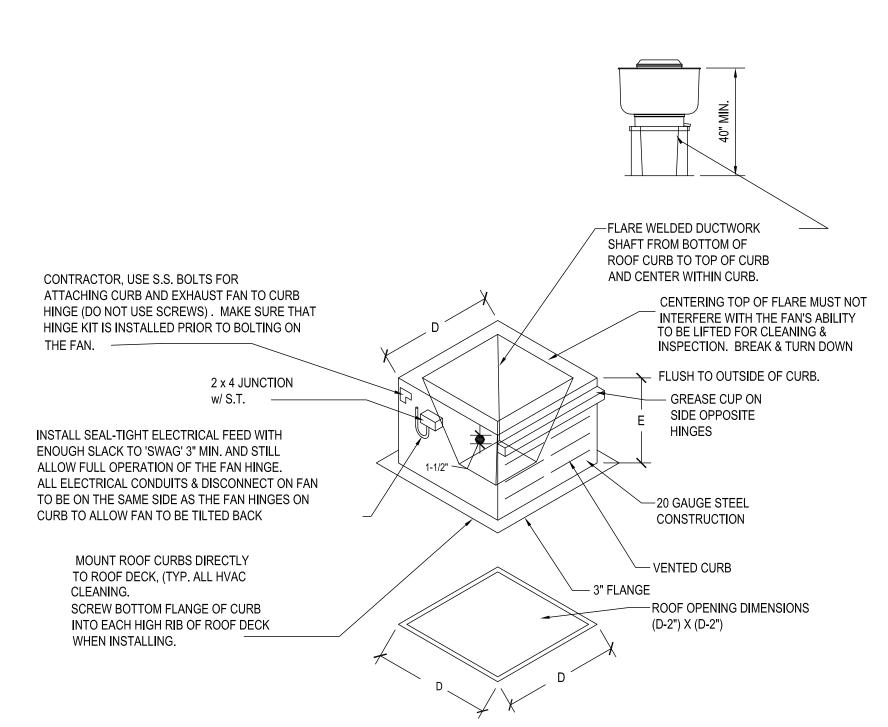
CUR	2B AS	SSEMBLIES					
NO.	ON FAN	TAG	WEIGHT	ITEM	(D) x (D) x (E)		LOCATION
1	# 1	KEF1 — GRIDDLE	44 LBS	Curb	23.000"W × 23.000"L × 30.000"H	Vented Hinged	Grill Hood Curb
2	# 2	KEF2 – OVEN	38 LBS	Curb	19.500"W x 19.500"L x 30.000"H	Vented Hinged	Oven Hood Curb

Curb

<u>FAN</u>	<u>ACCESSORIE</u>	ZS .							
FAN UNIT	TAC		EXHAUST		SUPPLY				
NO	TAG	GREASE CUP	GRAVITY DAMPER	WALL MOUNT	SIDE DISCHARGE	GRAVITY DAMPER	MOTORIZED DAMPER	WALL MOUNT	
1	EF-1 (GRILL)	YES							
2	KEF2 (OVEN)	YES							
3	KEF3 (FRY)	YES							

44 LBS

3 | # 3 | KEF3 - FRYER

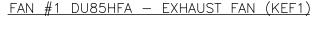


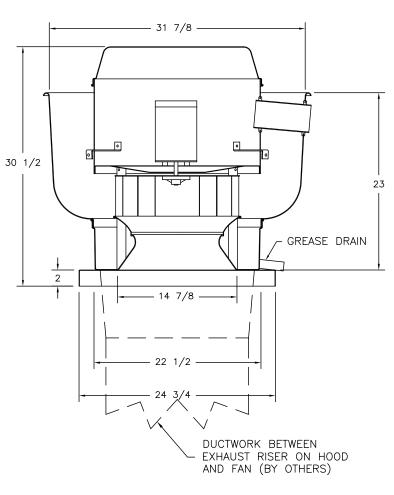
	AIR BALAN	ICE SCHEDULE	
TAG	ROOMS SERVED	O.A. CFM	EXHAUST CFM
KEF-1	HD1 (GRILL)	-	- 1225
KEF-2	HD2 (OVEN)	_	- 600
KEF-3	HD3 (FRYER)	-	- 800
RTU-DOAS1	KITCHEN + HOODS	+ 1475	-
EF 4/5	TOILETS	_	- 225
RTU-DOAS2	BUILDING	+ 1450	_
·	NET	+75 CFM	

KITCHEN TO MAINTAIN A SLIGHTLY NEGATIVE PRESSURE. OVERALL BUILDING PRESSURE TO BE BETWEEN -0.02" TO +0.02" WC PER IMC COMMENTARY RECOMMENDATIONS

TYPICAL ROOF CURB DETAIL

FAN	<i>OPTIONS</i>			
FAN UNIT NO	TAG	QTY	DESCRIPTION	
		1	GREASE BOX.	
1	EF-1 (GRILL)	1	EXHAUST FAN HEAT BAFFLE.	H4.0
		1	ECM WIRING PACKAGE - PWM SIGNAL FROM ECPMO3 PREWIRE (TELCO MOTOR), CCW ROTATION.	
		1	GREASE BOX.	
2	KEF2 (OVEN)	1	EXHAUST FAN HEAT BAFFLE.	
		1	ECM WIRING PACKAGE - PWM SIGNAL FROM ECPMO3 PREWIRE (TELCO MOTOR), CCW ROTATION.	H4.0
		1	GREASE BOX.	
3	KEF3 (FRY)	1	EXHAUST FAN HEAT BAFFLE.	$\overline{}$
		1	ECM WIRING PACKAGE - PWM SIGNAL FROM ECPMO3 PREWIRE (TELCO MOTOR), CCW ROTATION.	H4.0





FEATURES:

- DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS) - ROOF MOUNTED FANS
- RESTAURANT MODEL - UL705 AND UL762 AND ULC-S645
- VARIABLE SPEED CONTROL - INTERNAL WIRING
- WEATHERPROOF DISCONNECT - THERMAL OVERLOAD PROTECTION (SINGLE PHASE) - HIGH HEAT OPERATION 300°F (149°C) GREASE CLASSIFICATION TESTING

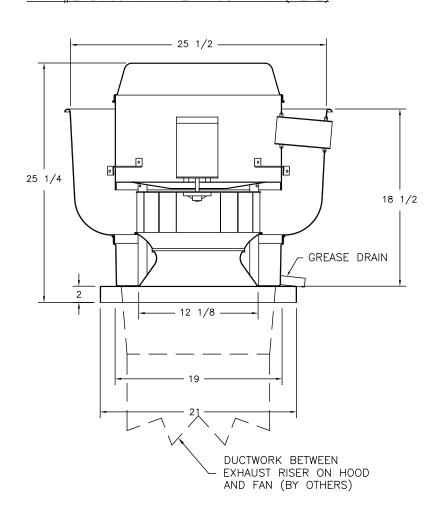
NORMAL TEMPERATURE TEST EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F (149°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM, AND WITHOUT ANY DETERIORATING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.

ABNORMAL FLARE-UP TEST 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.

<u>OPTIONS</u>

GREASE BOX. EXHAUST FAN HEAT BAFFLE. FAN BASE CERAMIC SEAL -INSTALLED AT PLANT — FOR GREASE DUCTS. ECM WIRING PACKAGE-EXHAUST -PWM SIGNAL FROM ECPMO3 PREWIRE (NIDEC MOTOR).

<u>fan #2 du33hfa — exhaust fan (kef2)</u>



FEATURES:

- DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS) - ROOF MOUNTED FANS
- RESTAURANT MODEL - UL705 AND UL762 AND ULC-S645
- VARIABLE SPEED CONTROL - INTERNAL WIRING

- GREASE CLASSIFICATION TESTING

WOULD CAUSE UNSAFE OPERATION.

- WEATHERPROOF DISCONNECT - THERMAL OVERLOAD PROTECTION (SINGLE PHASE) - HIGH HEAT OPERATION 300°F (149°C)

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

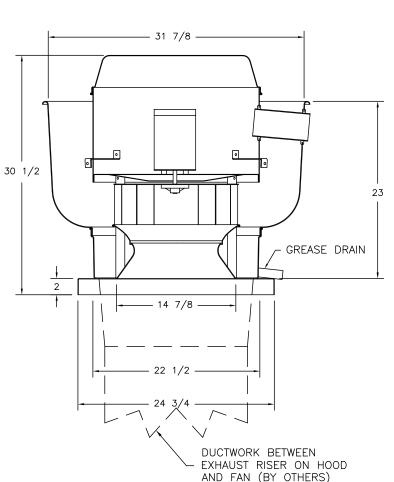
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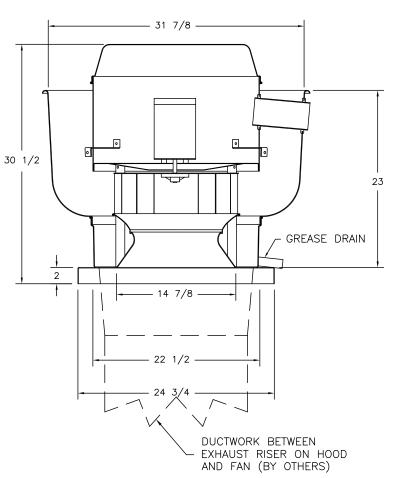
<u>OPTIONS</u>

GREASE BOX. EXHAUST FAN HEAT BAFFLE. FAN BASE CERAMIC SEAL -INSTALLED AT PLANT — FOR GREASE DUCTS. ECM WIRING PACKAGE-EXHAUST -

PWM SIGNAL FROM ECPMO3 PREWIRE (NIDEC MOTOR).

FAN #1 DU85HFA - EXHAUST FAN (KEF1)





FOR QUESTIONS, CALL THE CAPTIVE-AIRE (TRI-STATE) OFFICE 1329 E. KEMPER RD. SUITE 4210 PHONE: (513) 860-5555 joe.hertenstein@captiveaire.com

- **FEATURES:** - DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS) - ROOF MOUNTED FANS
- UL705 AND UL762 AND ULC-S645 - VARIABLE SPEED CONTROL - INTERNAL WIRING

- RESTAURANT MODEL

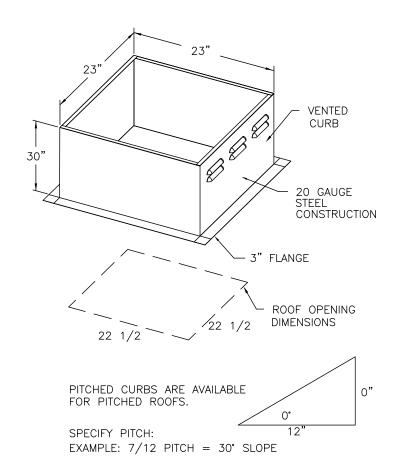
- WEATHERPROOF DISCONNECT - THERMAL OVERLOAD PROTECTION (SINGLE PHASE) - HIGH HEAT OPERATION 300°F (149°C) - GREASE CLASSIFICATION TESTING

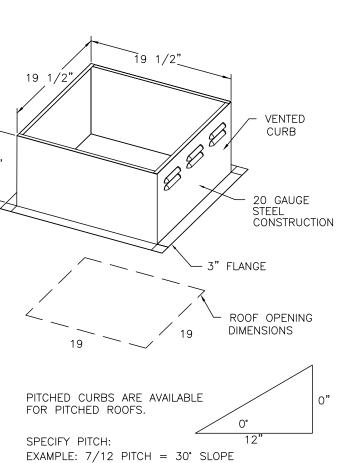
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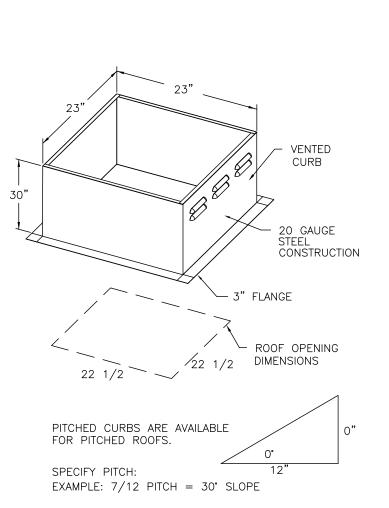
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DWG.#:

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SCALE:

3/4" = 1'-0"

SHEET NO.

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ARCHITECTS

1140 SAINT GREGORY ST. CINCINNATI

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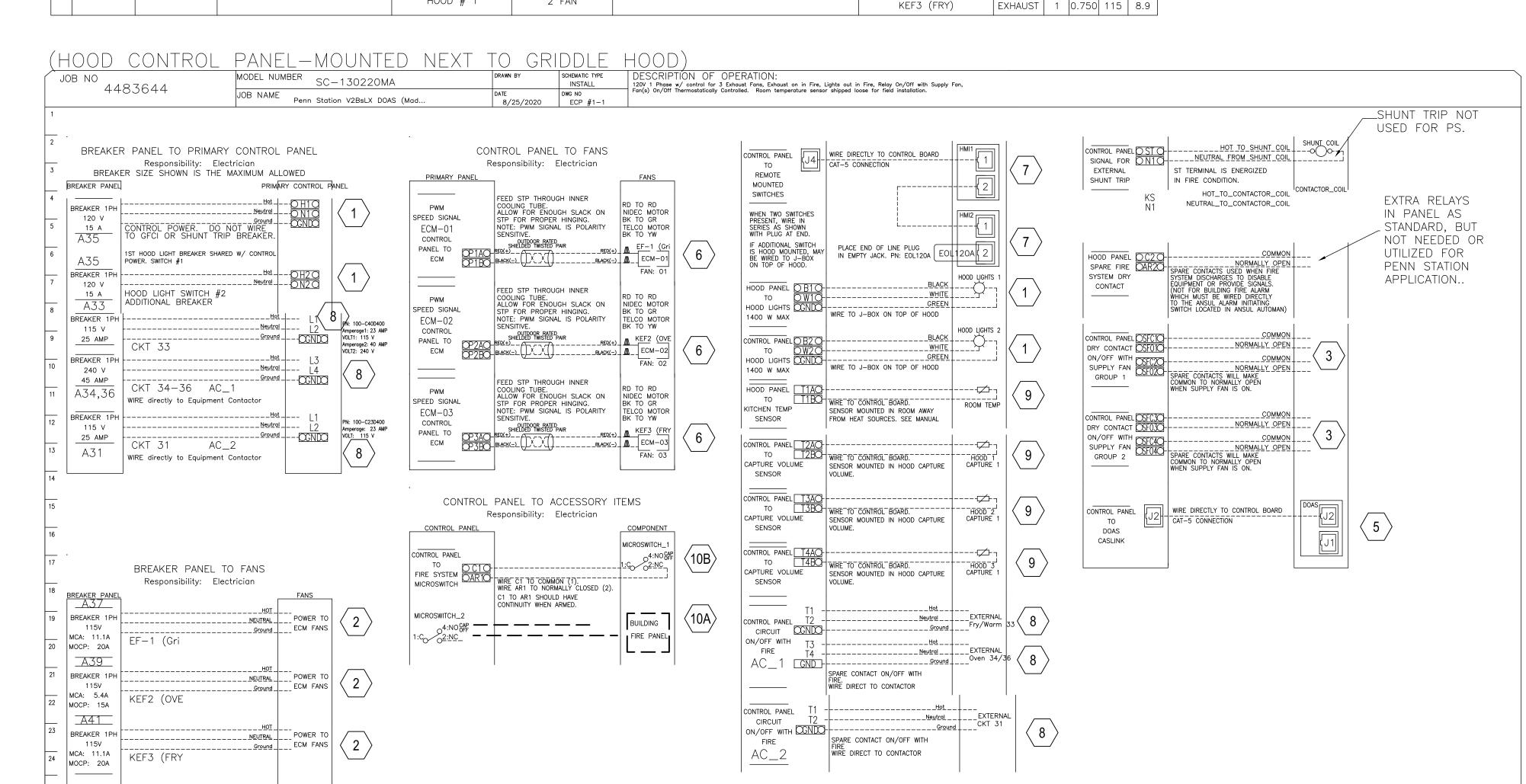
Campus 19 Mile STATE OF MICHIGA! 1301048426 WARDING **DATE:** 12/15/2021 **MASTER DRAWING** Captiveaire Shop Drawings

11/02/22

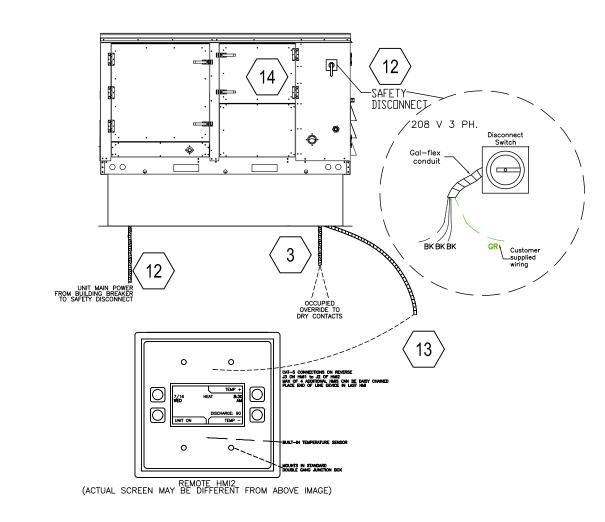
As Noted

PS Clinton Twp MI 등

S.Rogers



Exhaust Fan Wiring	JOB	3592923 — Penn	010)	
DRAWING NUMBER EXH359292	3-2 SHIP DATE	10/26/2018 M		
	•	<u>'</u>		<u>Installed Options</u>
	$\langle 6 \rangle$			NOTES DENOTES FIELD WIRING DENOTES INTERNAL WIRING
2 CON FR ECF	WM RD TTOR RD TTOR BK PM03	RD GR	BK WH MT-01	
o <u>GR</u>		F	*REMOVE ORANGE JUMPER OR 230/240V APPLICATION	
				MT-01 Fan Motor [2]



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HOOD SYSTEM WIRING INSTRUCTIONS BY ELECTRICIAN

1) WIRE 120V, 1 PHASE CIRCUIT FROM BUILDING PANEL TO HOOD CONTROL PANEL TO BE USED FOR CONTROLS & LIGHT CIRCUIT.

2) WIRE 120V, 1 PHASE CIRCUITS FROM BUILDING PANEL TO EACH EXHAUST FAN (SEPARATELY) TO CAPTIVE-AIRE SUPPLIED FAN EXTERNAL DISCONNECTS (TYPICAL OF ALL EXHAUST FANS)

RUN 18-5 THERMOSTAT WIRE FROM EACH RTU-DOAS UNITS TO HOOD CONTROL PANEL & CONNECT AS FOLLOWS:

Hood Panel SFC1 Connected to R in Kitchen RTU Hood Panel SF01 Connected to AUXN1 in Kitchen RTU

 Hood Panel SFC3 Connected to R in <u>Dining RTU</u> Hood Panel SF03 Connected to AUXN1 in <u>Dining RTU</u>

— Tie the Front Microswitch Common (Red Wire) to Terminal SD1 of Each of the RTU Units.

— Tie the Front Microswitch Normally Open (Black Wire) to SD3 of Each of the RTU Units.

4) Not Used

5) Run the additional supplied cat—5 cable from the hood control package J2 to the DOAS unit J2 Plug. Captive Aire Service Technician can land the final location in panel & DOAS to allow the hood system along with the DOAS unit to view it remotely via CASLINK

6) THERE IS A RED & BLACK PAIR OF TWISTED WEATHERPROOF WIRE ALREADY FACTORY CONNECTED TO EACH MOTOR OF EACH EXHAUST FAN LOCATED UNDER THE FAN HOUSING LID. RUN EACH WIRE THROUGH MOTOR BREATHER TUBE & THEN DOWN TO HOOD CONTROL PANEL NEXT TO GRILL HOOD. TIE EACH ONE INTO P#A & P#B RESPECTIVELY FOR EACH FAN AS SHOWN ON SCHEMATIC TO THE LEFT

7) WIRE THE CATS CABLE SUPPLIED BY CAPTIVE AIRE FROM J4 THE JUNCTION BOX LOCATED ON TOP OF THE GRILL PLUG IN FOR GRILL HD SWITCH (HMI-1). THEN WIRE THE OTHER CATS CABLE FROM THE GRILL HOOD JUNCTION BOX TO THE FRY HOOD JUNCTION BOX ON TOP OF HOOD & PLUG INTO J PLUG FOR THE FRY HOOD SWITCH (HMI-2). YOU ARE WIRING THE SWITCHES TO THE PANEL IN SERIES. SEE

8) WIRE THE 120V 1 PHASE FRYER(S)/WARMER CIRCUITS & THE 240V 1 PHASE OVEN CIRCUIT FROM BUILDING PANEL TO HOOD CONTROL PANEL TO THE RESPECTIVE 120V & 240V CONTACTERS & THEN FROM HOOD CONTROL PANEL TO THE RESPECTIVE WALL OUTLETS.

9) USING THE WHITE WIRE SUPPLIED BY CAPTIVE—AIRE WIRE FROM EACH HOOD DUCT SENSOR LOCATED IN HOOD EXHAUST COLLAR OR TOP OF HOOD IN JUNCTION BOX TO HOOD CONTROL PANEL & TIE INTO T2A & T2B, T3A & T3B, T4A & T4B. THEN INSTALL WHITE TEMP SENSOR SUPPLIED BY CAPTIVE AIRE ON RIGHT SIDE OF HOOD SS PANEL & WIRE TO T1A & T2B.

10) IF BUILDING ALARM IS PROVIDED WITH BUILDING THEN WIRE DIRECTLY INTO THE FRONT SECTION OF THE ANSUL MICROSWITCH PER THE BUILDING FIRE PANEL REQUIREMENTS TO RECEIVE AN ALARM SIGNAL UPON FIRE SYSTEM ACTUATION. IF NO BUILDING ALARM, THEN SUPPLY A HORN/LIGHT STROBE & MOUNT IN SIGHT OF HOODS AND TIE DIRECTLY INTO ANSUL MICROSWITCH AT NO CONTACT ON SWITCH (BLACK WIRE OF MICROSWITCH) & A NEUTRAL FROM CONTROL PANEL

11) INSTALL LIGHT BULBS IN HOODS SUPPLIED BY OWNER. VERIFY ALL FANS & LIGHTS POWER UP. CHECK ROTATION FOR SUPPLY FAN. ANY QUESTIONS CONTACT JOE AT 513-860-5555. 5 BULBS REQ'D - SUPPLIED IN GENERAL LIGHTING PACKAGE.

12) RUN 208V/3 PHASE CIRCUIT TO CONNECT TO EACH OF THE RTU-DOAS UNITS (QTY 2). SINGLE POINT CONNECTION.

13) MOUNT HMI—STAT ON WALL PER M PLANS & RUN CAPTIVE AIRE SUPPLIED CATS UNIT FROM EACH UNIT TO EACH OF THE UNITS HMI WALL LOCATION.

14) RTU1 CONVENIENCE OUTLET (GFCI), 15 AMP SUPPLIED WITH EACH RTU — REQUIRES ELECTRICIAN TO RUN SEPARATE 120V CONNECTION.

INCLUDES RECEPTACLE, COVER AND J BOX.



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DATE: 12/15/2021

DWG.#:

SCALE: 3/4" = 1'-0"

MASTER DRAWING

SHEET NO.

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REVISIONS

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TILSLEY

ARCHITECTS

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Drawings Issued	
11/02/22 Scale	
As Noted	S.Rogers

PS Clinton Twp MI 등 현

DETAILS OF (DOAS-RTU-KITCHEN) & (DOAS-RTU2-DINING) UNITS

NOTES:

1. DO NOT OBSTRUCT OUTSIDE AIR INLET, OUTSIDE AIR COIL

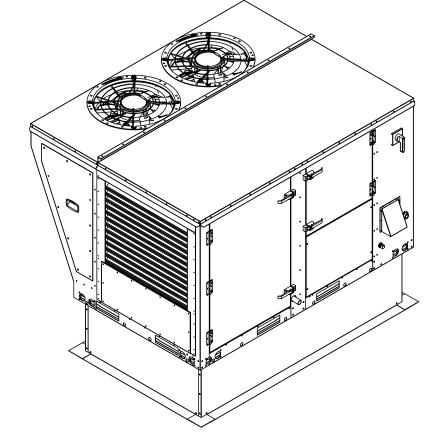
OR OUTSIDE AIR FAN.

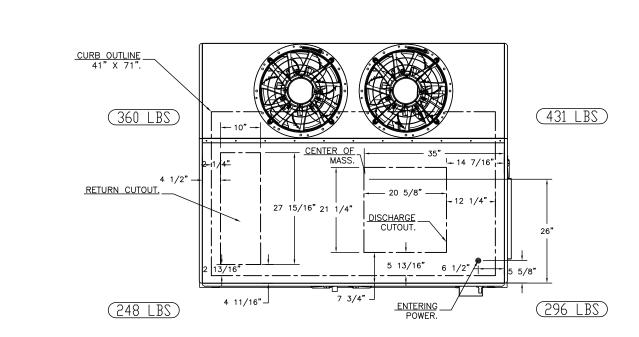
DENOTES CORNER WEIGHT.
 ROOF OPENING MUST BE 2" SMALLER THAN CURB DIMENSIONS

IN BOTH DIRECTIONS.

*NOTE: SUPPLY DUCT MUST BE INSTALLED TO MEET SMACNA STANDARDS. A MINIMUM STRAIGHT DUCT LENGTH MUST BE MAINTAINED DOWNSTREAM OF UNIT DISCHARGE AS OUTLINED IN AMCA PUBLICATION 201. WHEN USING RECTANGULAR DUCTWORK, ELBOWS MUST BE RADIUS THROAT, RADIUS BACK WITH TURNING VANES. FLEXIBLE DUCTWORK AND SQUARE THROAT/SQUARE BACK ELBOWS SHOULD NOT BE USED. ANY TRANSITION AND/OR TURNS IN THE DUCTWORK WILL CAUSE SYSTEM EFFECT. SYSTEM EFFECT WILL DRASTICALLY INCREASE STATIC PRESSURE AND REDUCE AIRFLOW. DO NOT RELY ON UNIT TO SUPPORT DUCT IN ANY WAY. FAILURE TO PROPERLY SIZE DUCTWORK MAY CAUSE SYSTEM EFFECTS AND REDUCE PERFORMANCE OF THE EQUIPMENT.

SUGGESTED STRAIGHT DUCT SIZE IS 20.75" x 21.5".

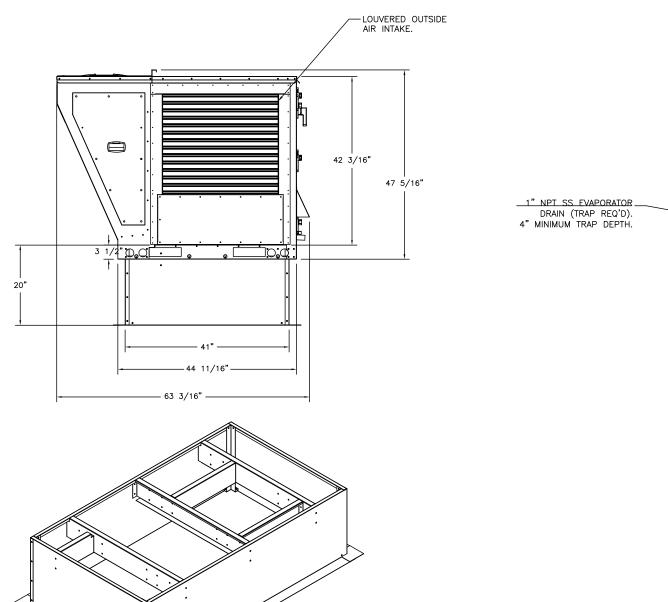


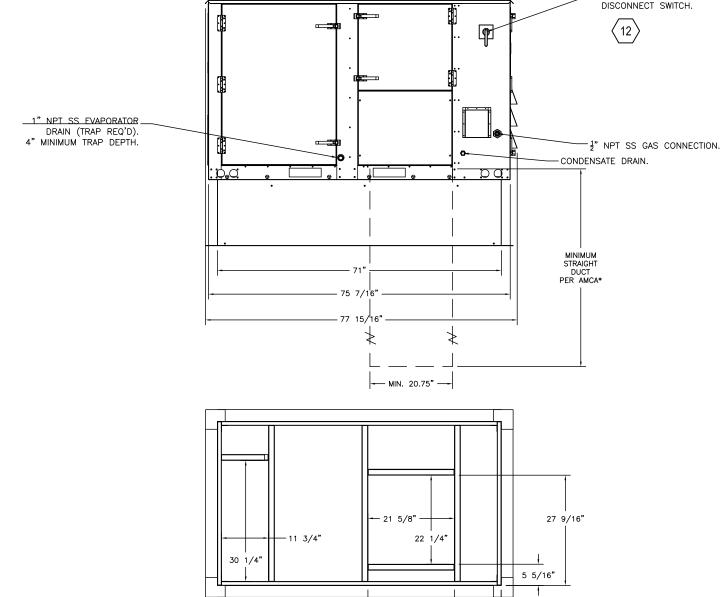


FOR QUESTIONS, CALL THE CAPTIVE—AIRE (TRI—STATE) OFFICE 1329 E. KEMPER RD. SUITE 4210

PHONE: (513) 860-5555

joe.hertenstèin@captiveaire.com





DOAS	Z/RTU FA	1NS	<u> CHEDULE - JOB#523481</u>	4												
FAN UNIT NO	TAG	QTY	DOAS/RTU MODEL #	MANUFACTURER	BLOWER		MAX OUTSIDE AIR CFM	TOTAL CFM	ESP	HP	BHP	PHASE	VOLT	MCA	моср	WEIGHT (LBS)
4	DOAS-RTU1	1	CASRTU1-I.200-15-7.5T-DOAS	CAPTIVEAIRE	15P-1	525	1475	2000	0.700	2.000	1.2750	3	208	37.7A	40A	1368
5	DOAS-RTU2	1	CASRTU1-I.200-15-7.5T-DOAS	CAPTIVEAIRE	15P-1	750	1450	2200	0.700	2.000	1.5780	3	208	37.7A	40A	1368

\underline{L}	OAS/RTU C	<u> OOLING</u>	SCHEDU	LE																							
	FAN JNIT TAG		COMPRESSO	R		OUTDO	OOR FAN		INDOC	R COIL		OUTSIDE AIR	MIXED AIR	MIXED AIR	LEAVING	LEAVING	LEAVING DP TEMP	TOTAL CAPACITY	SENSIBLE	LATENT CAPACITY	REHEAT	REHEAT	DESIRED REHEAT	MAX	REHEAT LEAVING RELATIVE HUMIDITY	MOISTURE REMOVAL RATE	IEER
	NO TAG	TONNAGE	VOLTAGE	PHASE	MOTOR VOLTAGE	MOTOR Ø	MOTOR FREQUENCY	MOTOR QTY	ROWS	FACE AREA	DB TEMP	WB TEMP	DB TEMP	WB TEMP	DB TEMP	WB TEMP	DP TEMP	TOTAL CAPACITY	CAPACITY	CAPACITY	LEAVING DB TEMP	LEAVING WB TEMP	CAPACITY	REHEAT CAPACITY	RELATIVE HUMIDITY	RATE	IEEK
	4 DOAS-RTU	7.5	190-240	3	200-240	3	60	2	5	6.2 SQFT	82.8°F	76.9 ° F	80.8*F	72.0°F	59.1°F	58.4°F	58.0°F	102.0 MBH	45.9 MBH	56.1 MBH	71.0°F	62.8°F	26.1 MBH	60 MBH	64	50.7 LBS/HR	18.6
	5 DOAS-RTU2	7.5	190-240	3	200-240	3	60	2	5	6.2 SQFT	80.8°F	75.2 ° F	78.8 * F	70.0°F	57.0°F	56.7°F	56.6 ° F	102.0 MBH	51.0 MBH	51.0 MBH	71.0°F	61.8°F	33.9 MBH	60 MBH	60	46.3 LBS/HR	18.6

DOAS	C/RTU H.	<i>EATIN</i>	G SCE	HEDULE			
FAN UNIT NO	TAG	INPUT BTUs	OUTPUT BTUs	TEMP RISE	REQUIRED INPUT GAS PRESSURE	GAS TYPE	BURNER EFFICIENCY(%)
4	DOAS-RTU1	197729	158183	67°F	7 IN. W.C. – 14 IN. W.C.	NATURAL	80
5	DOAS-RTU2	197195	157756	61°F	7 IN. W.C. – 14 IN. W.C.	NATURAL	80

NO	ON FAN	TAG	WEIGHT	ITEM	SIZE
4	# 4	DOAS-RTU1	59 LBS	CURB	41.000"W X 71.000"L X 20.000"H ALONG WIDTH, RIGHT INSULATED.
5	# 5	DOAS-RTU1	59 LBS	CURB	41.000"W X 71.000"L X 20.000"H ALONG WIDTH, RIGHT INSULATED.

-FACTORY INSTALLED SAFETY

OPTIONS

1. INLET PRESSURE GAUGE, 0-35".

2. MANIFOLD PRESSURE GAUGE, O TO 10" WC, 1 FURNACE.

3. TOTAL CFM MONITORING FOR DOAS.

4. SINGLE POINT ELECTRICAL CONNECTION FOR RTU. QNTY 1
750VA TRANSFORMER USED. IF A NON-DCV PREWIRE CONTROLS
THIS UNIT, THE #28, #47, "MA", OR "E2" OPTION PREWIRE MUST
BE SELECTED. DO NOT PROVIDE SUPPLY STARTER IN PREWIRE.
5. CASLINK BUILDING MONITORING SYSTEM - INTERNET OR
CELLULAR CONNECTION REQUIRED.

6. LOW AMBIENT COOLING OPERATION.

7. 2" MERV 13 FILTERS FOR SIZE 1 RTU. QTY. 4.

8. 2" MERV 8 FILTERS SIZE 1 RTU. QTY 4.

9. OVERHEAT STAT.

10. VFD FACTORY MOUNTED AND WIRED IN COMMERCIAL CONTROL VESTIBULE FOR RTU.

11. RTU SIZE 1 DOWN DISCHARGE.

12. 7.5 TON MODULATING COOLING OPTION, 208/230V. R410A REFRIGERANT, VARIABLE SPEED COMPRESSOR, ECM CONDENSING FANS.

13. 7.5 TON MODULATING REHEAT OPTION. SPACE DEWPOINT CONTROL.

14. SIZE 1 RTU CURB DUCT HANGER.

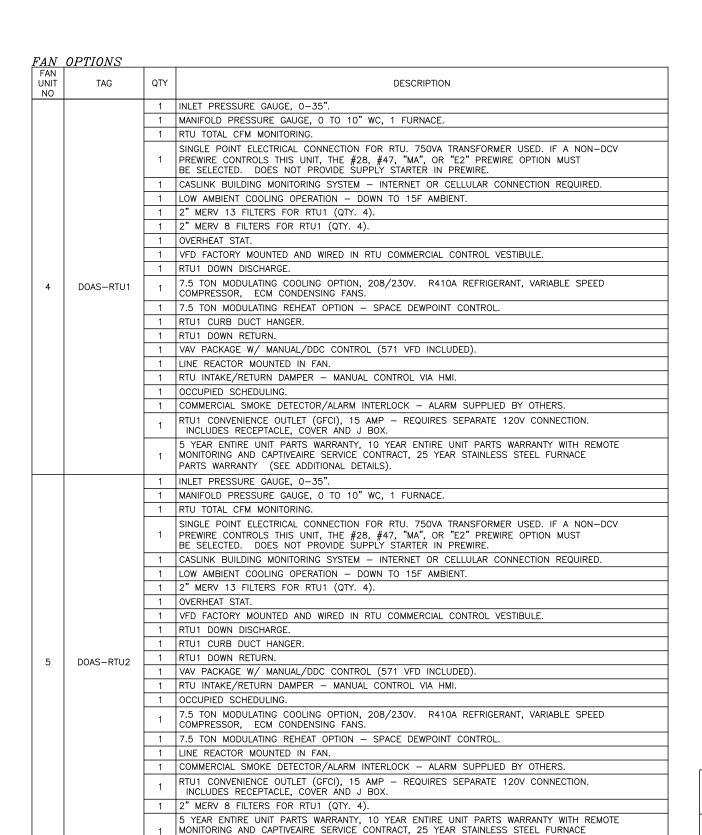
15. RTU SIZE 1 DOWN RETURN.

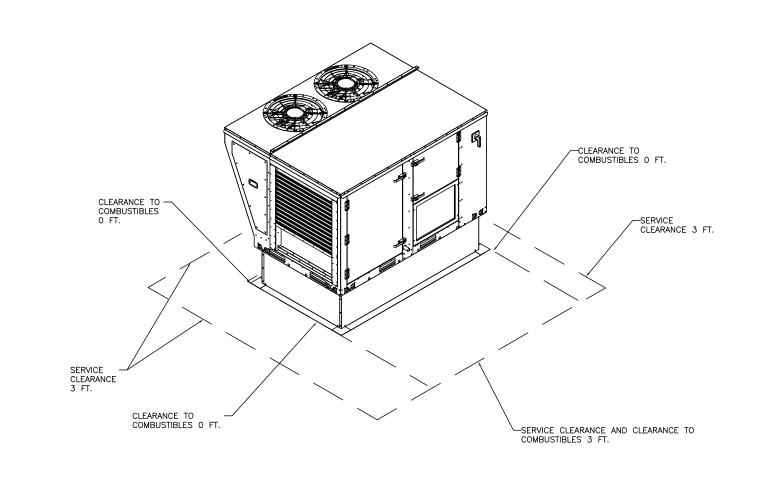
16. VAV PACKAGE W/ MANUAL/DDC CONTROL (571 VFD INCLUDED).

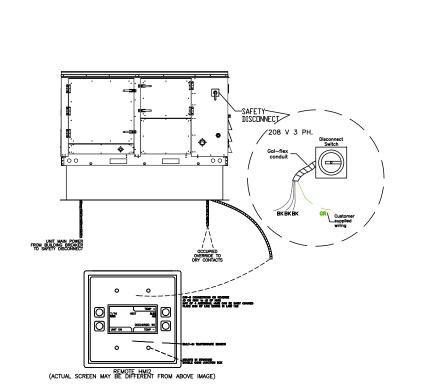
17. LINE REACTOR MOUNTED IN FAN.

18. RTU MANUAL INTAKE/RETURN DAMPER CONTROL VIA HMI.
19. CONNECTION POINT IN UNIT FOR HVAC CONTRACTOR TO SUPPLY
SMOKE DETECTOR & INSTALL IN RETURN & CONNECT TO UNIT.

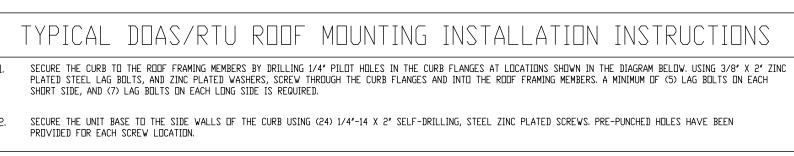
20. 120V CONVENIENCE OUTLET (POWER BY ELECTRICIAN)
21. 5 YEAR ENTIRE UNIT PARTS WARRANTY, 10 YEAR ENTIRE UNIT
PARTS WARRANTY WITH REMOTE MONITORING AND CAPTIVEAIRE
SERVICE CONTRACT, 25 YEAR STAINLESS STEEL FURNACE PARTS
WARRANTY (SEE ADDITIONAL DETAILS).

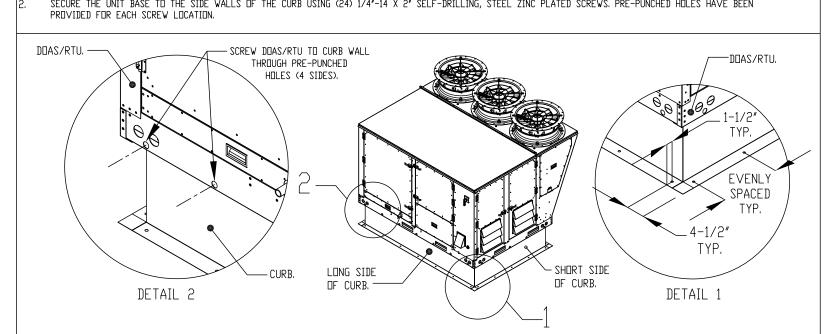


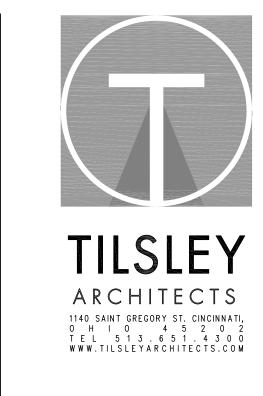




AIR BALANCE SCHEDULE									
TAG	ROOMS SERVED	O.A. CFM	EXHAUST CFM						
KEF-1	HD1 (GRILL)	-	- 1225						
KEF-2	HD2 (OVEN)	_	- 600						
KEF-3	HD3 (FRYER)	-	- 800						
RTU-DOAS1	KITCHEN + HOODS	+ 1475	-						
EF 4/5	TOILETS	-	- 225						
RTU-DOAS2	BUILDING	+ 1450	_						
	NET	+75 CFM							
	PRESSURE. OVER TO BE BETWEEN -	TAIN A SLIGHTLY NEG RALL BUILDING PRESS -0.02" TO +0.02" WO RRY RECOMMENDATION	ure Diper						







REVISIONS



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DATE: 12/15/2021

DWG.#: 5234814

SCALE: 1/2" = 1'-0"

MASTER DRAWING

SHEET NO.

DRAWN BY: Sheet Title
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Drawings

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PS Clinton Twp MI