



# **ALABAMA A&M UNIVERSITY** KNIGHT COMPLEX CAFETERIA RENOVATION

## NORMAL, AL

4900 Meridian Street North Normal, Alabama 35762

ALABAMA DEPARTMENT OF FINANCE **DIVISION OF CONSTRUCTION MANAGEMENT** FINAL SUBMITTAL MAY 1, 2020 DCM # 2018446

PROJECT TEAM

### **ELECTRICAL**

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### FOOD SERVICE

Camacho Food Service Design & Consulting Birmingham , Alabama (205) 382-0538 Contact: Richard Powell richardp@camachousa.com

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EA	each	F/F	face to face	HM	hollow metal	L	length, angle	NOM	nominal	PWD	bowyla	SD	storm drain	TOW	top of wall
EF	each face	FL	floor	HORIZ	horizontal	LAB	laboratory	NTS	not to scale		1.5	SECT	section	TYP	typical
EIFS	exterior insulation finish system	FLG	flange	HP	high point/horse power	LAV	lavatory			QT	quarry tile	SF	storefront	TZ	terrazzo
EJ	expansion joint	FND	foundation	HSS	hollow structural steel	LH	left hand	O/H	overhead		1 5	SIM	similar		
ELEV	elevation/elevator	FO	face of	HVAC	heating/ventilating/air conditioning	LL	live load	OC	on center (s)	RA	return air	SPEC	specification (s)	UNO	unless noted otherwise
ELEC	electric (al)	FOB	face of brick	HW	hardware	LLH	long leg horizontal	OCC	occupant (s)	RAD	radius	SQ	square		
ENGR	engineer	FOC	face of concrete			LLV	long leg vertical	OD	outside diameter	RB	rubber base	SS	solid surface	VB	vinvl base
EOP	edge of pavement	FOF	face of finish	ID	inside diameter	LP	low point	OH	opposite hand	RCP	reflected ceiling plan	SST	stainless steel	VCT	vinyl composition tile
EOS	edge of slab	FOM	face of masonry	IE	invert elevation	LT GA	light gauge	OPG	opening	RD	roof drain	STD	standard	VERT	vertical
EQ	equal	FOS	face of stud	IJ	isolation joint	LT	light	OPP	opposite	REBAR	reinforcement bar	STL	steel	VWC	vinyl wall covering
EW	each way	FR	frame (ed), (ing)	IN	inch/inches		C C			REF	refrigerator/ reference	STOR	storage		
EWC	electric water cooler	FRT	fire retardant treated	INSUL	insulation	MATL	material	PJ	precast joint	REINF	reinforce (d), (ing)	STRUCT	structural	W	washer/width/wide flang
EXH	exhaust	FT	foot/feet			MAX	maximum	PL	property line, plate	REQ'D	required	SY	square yard	WB	wood base
EXIST	existing	FTG	footing	JAN	janitor's closet	MC	miscellaneous channel	PLAM	plastic laminate	RET	retaining			WC	water closet
EXP	exposed		-	JG	joist girder	MECH	mechanical	PNT	paint (ed)	REV	revision (s), revised	TELE	telephone	WD	wood
EXPN	expansion	GA	gauge	JT	joint	MEZZ	mezzanine	PREFAB	prefabricated	RH	right hand	TERM	termination	WH	water heater
EXT	exterior	GALV	galvanized			MANUF	manufacture (er)	PREFIN	prefinished	RJ	recessed joint	T&G	tongue and groove	WIN	window
		GHM	galvanized hollow metal	K	thousand	MH	manhole	PREMANUF	premanufactured	RM	room	TH	thick (ness)	WP	work point,
FBO	furnished by others	GI	galvanized iron	KIP	1000 #	MIN	minimum	PSF	pounds per square foot	RO	rough opening	THK	thick (ness)		waterproofing
FD	floor drain	GWB	gypsum wall board	KJ	key joint	MO	masonry opening	PSI	pounds per square inch	ROW	right of way	ТО	top of	WT	weight
FEC	fire extinguisher and cabinet	GYP	gypsum	KSI	1000 # per sq in	MULL	mullion	PT	point / pressure treated/	RTU	roof top unit	TOC	top of curb	W/W	wall to wall
FFE	finish floor elevation								point of tangency			TOF	top of footing	WWF	welded wire fabric
FFL	finish floor level	H	height	LAM	laminate (d)	NIC	not in contract	PVC	polyvinyl chloride	SC	sealed concrete	TOJ	top of joist	W/	with
FHC	fire hose and cabinet	HC	handicap	LF	linear foot	NO	number	PVMT	pavement	SCHED	scheduled	TOS	top of slab/top of steel	W/O	without

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				QF 702	FOOD SERVICE ELEVATIONS	05/01/20									
				Grand total: 47		1	1	L	1						















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PLAN NORTH	AREA OF WORK	







DESIGN CRITERIA INCLUDING LOADS, DEFLECTION LIMITS, FIRE TEST AND SOUND TEST CLASSIFICATIONS. 2. SOUND TRANSMISSTION CLASS (STC) INDICATED IS BASED ON INFORMATION OBTAINED FROM OWENS CORNING INSULATING SYSTEMS, LLC FOR UNFACED FIBERGLASS SOUND ATTENTUATION BATTS, FRICTION-FIT INSTALLATION. 3. RATED ASSEMBLIES SHALL BE PERMANENTLY IDENTIFIED IN CONCEALED SPACES EITHER AS REQUIRED BY AUTHORITY HAVING

FEET ON CENTER. TEXT SHALL READ AS REQUIRED BY AUTHORITIES HAVING JURISDICTION OR AS " # - HOUR (FIRE OR FIRE & SMOKE) (PARTITION OR BARRIER OR WALL) - PROTECT ALL OPENINGS".

DESCRIPTION

1-5/8" WIDE 20 GA METAL STUDS

2-1/2" WIDE 20 GA METAL STUDS

3-5/8" WIDE 20 GA METAL STUDS

6" WIDE 20 GA METAL STUDS @

@ 24" O.C. MAX

L															
	DESIGN PRESSURE	PURPOSE/LOCATION	DEFLECTION LIMIT	CLADDING MATERIAL											
	5 / 7.5 / 10 / 15 PSF	ELEVATOR HOIST WAYS	L/720	BRICK/STONE CLADDING											
	10 PSF	PRESSURIZED STAIRS & SHAFTS	L/360	LATH OR VENEER PLASTER											
	15 PSF	LOBBIES	L/360	TILE VENEER											
	5 PSF	OTHER INTERIOR CONSTRUCTION	L/240	OTHER MATERIALS											

JURISDICTION OR WITH 2" TALL LETTERING IN A COLOR CONTRASTING WITH THE BACKGROUND COLOR AND SPACED NOT MORE THAN 12





# HTW-2, NEW WALL TILE TO BE INSTALLED AT ALL EXISTING WALL TILE LOCATIONS; REFER TO FINISH

FLOOR PLAN FOR EXTENTS





1		

						FINISH SCHED	ULE	
		LEVEL 1		FLOOR FINISH		WALL FINISH		
		A124 A138 A139 A144	DINING DINING DISHWASHER	LVT-1 CPT-1,2 OT-1	PNT-1,2 PNT-1,2 FRP-1	2	RB-1 RB-1 0TB-1	REFER TO FINISH F REFER TO FINISH F ERP W/ STAINI ESS
Λ		A157 A158 A159	ENTRY EXHIBITION SERVING	HTF-1 HTF-1 HTF-1	PNT-1 PNT-1, HTW-2	HTW-1	HTB-1 HTB-1 HTB-1	 REFER TO FINISH F
А		A160 A161 A162	DRINKS / DISHES DINING DINING	HTF-1 HTF-1 LVT-1	PNT-1, PNT-1 PNT-1	HTW-2	HTB-1 RB-1 RB-1	REFER TO FINISH F
		A163 A164 A165	DINING LOUNGE DINING	LVT-1 LVT-1 LVT-1	PNT-1 PNT-1 PNT-1,2	2	RB-1 RB-1 RB-1	  REFER TO FINISH F
					PNT-1,2	2	RB-1	REFER TO FINISH F
		NUMBER		DETAIL DESCRIPTION				
			TRANSITION	SCHLUTER SYSTEMS, RENO-TK I BRUSHED STAINLESS (TYP. BET) PORCELAIN TILE)	PROFILE IN WEEN LVT &			
		TR-2	TRANSITION	SCHLUTER SYSTEMS, RENO U IN STAINLESS (TYP. WHERE PORCE MEETS EXISTING VCT)	I BRUSHED ELAIN TILE			
		TR-3	TRANSITION	TARKETT, CTA-XX-C TRANSITION MATCH RUBBER BASE (TYP. WHI MEETS EXISTING VCT)	I, COLOR: TO ERE CARPET			
		THESE TRANS	SITIONS ARE TYPICAL 8 ITIONS OCCUR. SOME /	TO BE INSTALLED AT ALL LOCATI ARE SPECIFICALLY INDICATED FO	ONS WHERE R CLARITY.			
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Т			
	WALLS	6	
L DESCRIPTION	NUMBER	TYPE	DETAIL DESCRIPTION
FACTURER: Vitromex ENAME: Brooklyn R: Blanco Field, 3" x 10" Contact Pam Lowery, BPI very98@gmail.com) for pricing	VWC-2	VINYL WALL COVERING	MANUFACTURER: Knoll PATTERN: Bespoke Wall COLOR: Snapdragon SIZE: See elevation; wallcovering made-to-measure. The vertical repeat is configured to match the intended wall's height. INSTALLATION: See manuf.'s instructions
FACTURER: Sherwin Williams R: SW 7029 Agreeable Gray	CASEV	VORK & MILI	LWORK
I ION: Typical Wall Paint I: Eggshell	NUMBER	TYPE	DETAIL DESCRIPTION
FACTURER: Sherwin Williams R: SW 9170 Acier I: Walls - Eggshell Ceilings - Flat	PL-1	PLASTIC LAMINATE	MANUFACTURER: Wilsonart STYLE/ COLOR: Asian Night 7949K-18 INSTALLATION: Pattern grain to be installed vertically NOTE: Laminate to be installed on new serving equipment where specified; See Serving Equipment consultant drawings
FACTURER: Sherwin Williams R: SW 7019 Gauntlet Gray I: Eggshell	QZ-1	QUARTZ COUNTERTOP	MANUFACTURER: Caesarstone COLLECTIONON: Classico
FACTURER: Sherwin Williams R: A&M Bulldog Maroon, Custom Color ł: Walls - Eggshell finish Ceilings - Flat finish		MATERIAL	COLOR: 2030 Haze THICKNESS: 3 cm NOTE: Quartz to be installed on new serving equipment where specified; See Serving Equipment consultant drawings
FACTURER: Sherwin Williams R: SW 9170 Acier H: Semi closs	BASE		
FION: HM door frames scheduled to be painted	NUMBER	TYPE	DETAIL DESCRIPTION
FACTURER: Marlite UCT: Standard pebbled finish, Class-A FRP w/ ng trims per manuf.'s recommendations & ss steel corner guards	HTB-1	HARD TILE BASE	MANUFACTURER: American Olean STYLE NAME: Union COLOR: UN03 Industrial Gray SIZE: 6" x 12" Cove Base

CPT-1 RB-1 PNT-1 TYPICAL BASE FINISH: RB-1 TYPICAL WALL FINISH: PNT-1 FINISH ACCENT TAG: WALL ACCENT EXTENTS FINISH FLOOR PLAN GENERAL NOTES A) FLOORING: 1. ARRANGE A PRE-CONSTRUCTION MEETING TO CONFIRM CARPET BORDERS AND TILE PATTERNS. 2. ALL HARD TILE GROUT JOINTS SHOULD BE 1/8", UNLESS OTHERWISE NOTED. 3. FINISHED GROUT WILL NOT BE ACCEPTED UNTIL A SAMPLE MOCKUP IS SUBMITTED FOR APPROVAL. 4. FLOORING TRANSITIONS AT DOORWAYS SHOULD ALWAYS BE ALIGNED SO THAT THEY ARE NOT VISIBLE WHEN DOORS ARE SHUT. 5. REFER TO FINISH FLOOR PLAN FOR EXACT FLOORING TRANSITION LOCATIONS & PATTERN INFORMATION. 6. WHERE HARD WALL BASE IS USED. GROUT SHOULD BE OMITTED ALONG THE TOP EDGE, IN LIEU OF CAULK, TO ENSURE NEAT INSTALLATION OF WALL FINISHES. 7. ALL CARPET TILE SHOULD BE CENTERED IN ROOM, NO LESS THAN 1/2 OF TILE SHOULD ALIGN ALL EDGES OF THE ROOM. B) ARCHITECTURAL CABINETRY: 1. QUALITY STANDARD: UNLESS OTHERWISE INDICATED, COMPLY WITH THE "ARCHITECTURAL WOODWORK STANDARDS" FOR CUSTOM GRADE, FRAMELESS FLUSH OVERLAY CABINETS AS INDICATED FOR CONSTRUCTION AND INSTALLATION. 2. CABINET WIDTHS AND CONFIGURATIONS SHALL BE AS INDICATED ON INTERIOR ELEVATIONS. CABINET WITH DOORS: 3/4" WHITE MELAMINE INTERIOR, WHITE CABINET LINER ON 1/4" MDF BACKS, 3/4" 1X4 WHITE MELAMINE NAILERS, PLASTIC LAMINATE EXPOSED SURFACES (SEE FINISH SCHEDULE AND INTERIOR ELEVATIONS FOR MATERIAL). AND 5MM HOLES AT 32MM OC FOR SHELVES; EDGEBANDING: PVC TO MATCH EXPOSED SURFACE. DOORS: ¾" PARTICLEBOARD WITH SPECIFIED LAMINATE ON ALL SIDES. REFER TO INTERIOR ELEVATIONS FOR EXACT SPECIFIED LAMINATE; EDGEBANDING: PVC TO MATCH EXPOSED SURFACE. 5. DRAWER FRONTS: <sup>3</sup>/<sub>4</sub>" PARTICLEBOARD WITH SPECIFIED LAMINATE ON ALL SIDES. REFER TO INTERIOR ELEVATIONS FOR EXACT SPECIFIED LAMINATE; EDGEBANDING: PVC TO MATCH EXPOSED SURFACE. 6. DRAWERS: 3/4" PARTICLE BOARD CORE WITH WHITE MELAMINE SIDES, BACK, AND SUBFRONT WITH WHITE CABINET LINER ON 1/4" MDF BOTTOM; EDGEBANDING: WHITE PVC. . TOEKICKS: ¾" MOISTURE RESISTANT PLYWOOD (SEPARATE FROM CABINET), ¼" MDF WITH PLASTIC LAMINATE. 8. COUNTERTOP FINISH AS INDICATED ON INTERIOR ELEVATIONS. 9. COUNTERTOPS ARE TO HAVE MINIMUM 3/4" OVERHANG, ON ALL SIDES, TYPICAL. 10. EXPOSED ENDS SHALL BE FINISHED TO MATCH THE SPECIFIED ADJACENT FINISH. 11. HARDWARE: A. SHELF PINS: HEAVY DUTY LOCKING TWIN PIN POLYCARBONATE SHELF CLIP. B. HINGES: 165 DEGREE, FULLY CONCEALED. C. DRAWER SLIDES: a. 100# RATED b. EPOXY COATED c. BALL BEARING d. UNDER MOUNTED e. FULL EXTENSION f. SOFT CLOSE C) TRIM / RUBBER TRIM / INTERIOR DOORS: 1. ALL DOORS SCHEDULED TO BE PAINTED, WOOD & METAL TRIM ARE TO BE SEMI-GLOSS FINISH, UNLESS OTHERWISE NOTED. 2. ALL INTERIOR DOOR FRAMES AND WINDOW FRAMES SCHEDULED TO RECEIVE PAINT SHALL BE PNT-2, SEMI-GLOSS FINISH, U.N.O. 3. ALL COUNTERTOP SUPPORT BRACKETS/PRODUCTS: SPACING, QUANTITY, AND INSTALLATION METHODS TO BE COORDINATED BY GENERAL CONTRACTOR, BASED ON MANUFACTURER'S INSTRUCTIONS. <u>C) WALL FINISH NOTES</u>: 1. ALL PAINTED GYP WALLS ARE TO BE LEVEL 4 EGGSHELL FINISH, UNLESS OTHERWISE NOTED. 2. ALL TILED WALLS AND WET-WALLS ARE TO BE MOISTURE-RESISTANT GYP. BOARD UNLESS OTHERWISE NOTED. 3. PROVIDE 8.5"X11" RETAINER FOR ALL PAINTS SPECIFIED BEFORE APPLYING PAINT SAMPLES ON JOB SITE. BENCHMARK SAMPLES WILL BE REVIEWED ON SITE IN CONDITIONS ACCORDING TO SPECIFICATIONS PRIOR TO FINISH PAINTING. 4. ALL VINYL WALLCOVERING IS TO BE MICRO-PERFORATED. 5. ALL WALLS TO RECEIVE DIGITAL WALLCOVERING TO HAVE A LEVEL 5 FINISH.

FINISH FLOOR PLAN LEGEND

ROOM FINISH TAG: TYPICAL FLOOR FINISH: CPT-1

D) MISC./GENERAL NOTES: 1. ALL CEILINGS TO BE PAINTED ARE TO BE FLAT FINISH, UNLESS OTHERWISE NOTED. 2. PROVIDE DELIVERY SCHEDULE OF ALL FINISH MATERIALS 10 DAYS FOLLOWING BID DATE.

3. PROVIDE MEMO SAMPLES OF ALL SPECIFIED INTERIOR FINISHES. 4. GWB LOCATED ADJACENT TO WALLS AT COFFER DETAILS SHALL BE PAINTED TO MATCH WALL COLORS UNLESS OTHERWISE NOTED. 5. CONTRACTOR TO VERIFY AND COORDINATE WITH ARCHITECT ALL FINISHES INCLUDING WALLS, FLOORS, AND CEILINGS.

### FINISH FLOOR PLAN KEYNOTES

01 FLOOR TRANSITION TO ALIGN WITH ADJACENT WALL

EQUIPMENT PACKAGE.

- 02 EXISTING FINISHES TO REMAIN; PATCH AND REPAIR WALLS AS REQUIRED AT NEW WINDOWS AND DOORS 157 A&B, AND PAINT TO MATCH EXISTING. 03 STAINLESS STEEL CORNER GUARD AT THIS LOCATION. PRODUCT EQUAL TO CONSTRUCTION SPECIALTIES ACROVYN BRUSHED STAINLESS CORNER GUIARDS,
- CO-8. 04 STAINLESS STEEL WALL PANELS AROUND DISHWASHER, INCLUDED IN SERVING

![](_page_7_Picture_14.jpeg)

![](_page_8_Figure_0.jpeg)

	I											
EDU	EDULE											
FRAM	E											
idelite Width	MATERIAL	IATERIAL FINISH		SIGNAGE	COMMENTS							
					OVERHEAD COILING DOOR							
	Default	PNT			EXISTING DOOR. ADD NEW HARDWARE							
	Default	PNT			EXISTING DOOR. ADD NEW HARDWARE							
	HM	PNT			MATCH EXISTING STAINED DOORS							
	Default	PNT			EXISTING DOOR. ADD NEW HARDWARE							
	Default	PNT			EXISTING DOOR. ADD NEW HARDWARE							
	HM	PNT			ADD MAGNETIC HOLD OPENS							
	HM	PNT			ADD MAGNETIC HOLD OPENS							

### PROVIDE (1) 3/4" EMPTY CONDUIT FROM J-BOX TO ACCESSIBLE SPACE ABOVE CEILING

14'-6'

6'-0"

3'-0"

6'-0"

3'-0"

3'-0"

3'-0"

14'-6"

PROVIDE STANDARD JUNCTION BOX ABOVE HINGE SIDE OF DOOR

PROVIDE (1) 3/4" EMPTY CONDUIT FROM J-BOX TO CENTER HINGE ON 3 HINGE DOORS AND 2ND HINGE FROM BOTTOM ON 4 HINGE DOORS

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![](_page_8_Figure_10.jpeg)

HM. WINDOW ELEVATION

**DOOR & FRAME NOTES** ALL STEEL DOORS AND ALL FRAMES SHALL COMPLY WITH STEEL DOOR INSTITUTE SDI 100/ANSI A250.8 "RECOMMENDED SPECIFICATIONS FOR STANDARD STEEL DOORS AND FRAMES" LEVEL 2 HEAVY DUTY FOR INTERIOR APPLICATIONS AND LEVEL 3 EXTRA HEAVY DUTY FOR EXTERIOR APPLICATIONS. ALL DOORS SHALL BE 1-3/4" THICK WITH A STANDARD 3/4" UNDERCUT. VISION GLASS IN ALL DOORS, VIEW WINDOWS AND SIDE LITES SHALL BE MIN 1/4" THICK TEMPERED GLASS UNLESS NOTED OTHERWISE. ALL STEEL DOORS SHALL HAVE NON-BEVELED HINGE EDGE REINFORCED WITH A CONTINUOUS OR SEGMENTED 16 GAUGE STEEL CHANNEL PROJECTION WELDED AT A MAXIMUM 5" ON CENTER. ALL STEEL DOORS SHALL HAVE OVERLAPPING EDGE SEAMS, FLUSH 16 GAUGE TOP CHANNEL AND INVERTED 16 GAUGE BOTTOM CHANNEL. STEEL DOOR CORES FOR NON-RATED APPLICATIONS SHALL BE MANUFACTURERS STANDARD POLYSTYRENE REINFORCED BY LAMINATING FACE SKINS TO A FOAM CORE SLAB WITH MINIMUM DENSITY OF 1 POUND PER CUBIC FOOT. STEEL DOOR FACE SKINS SHALL BE MINIMUM 18 GAUGE FOR DOOR WIDTHS UP TO 36-INCHES. 6 AND 4 PANEL (ELEVATIONS E4 AND E6) DOORS AND DOOR WIDTHS GREATER THAN 36-INCHES SHALL BE MINIMUM 16 GAUGE. ALL FIRE RATED DOORS AND FRAMES SHALL COMPLY WITH NFPA 80 AND/OR THE AUTHORITY HAVING JURISDICTION.

9. ALL INTERIOR DOOR FRAME PROFILES SHALL BE MINIMUM 16 GAUGE, STANDARD DOUBLE RABBET PROFILE, MULTI-USE WITH DIE-MITERED CORNER CONSTRUCTION, ADJUSTABLE BASE ANCHORS AND FACTORY APPLIED BAKED-ON RUST INHIBITING PRIMER (ANSI A250.10-1998). 10. G1 - CLEAR FULLY TEMPERED 45 MIN. FIRE RATED CERAMIC GLAZING.

![](_page_8_Figure_14.jpeg)

### SG SINGLE AA PAIR, BOTH ACTIVE AI PAIR, ACTIVE, INACTIVE DE DOUBLE EGRESS SD SINGLE, DOUBLE ACTING PC PAIR, COMMUNICATING PO POCKET PP PAIR, POCKET BP BI-PARTING SB SINGLE, BI-FOLDING PB PAIR, BI-FOLDING BS BI-PASSING CS CASED OPENING BL BORROWED LITE SS SINGLE SURFACE SLIDER SP BI-PARTING, SINGLE SLIDER TS TELESCOPIC SLIDER UE PAIR, UNEQUAL BSA AUTOMATIC BI-PASSING SLIDER SSA AUTOMATIC SURFACE SLIDER TSA AUTOMATIC TELESCOPIC SLIDER RV REVOLVING DOORS OH OVERHEAD DOOR

EXISTING DOUBLED STUD WALL TO REMAIN. REMOVE PORTION OF WALL AS REQUIRED TO INSTALL NEW DOOR. 5/8" GYP. BD. ON 3 5/8" & 6" METAL STUDS. (VERIFY AND MATCH EXISTING PLACEMENT OF GYP. BD.) 1 1/2" C.R.CHANNEL STIFFENER - EXTEND 4'-0" MIN. EACH SIDE, OR TO PARTITION CORNER - PUNCH STUD WEBS AND TIE SECURELY. BOTH SIDES. CUT AND BEND RUNNER TRACK. SCREW TO DOUBLE STUD. BOTH SIDES. - FIRE RETARDANT WOOD BLOCKING

- CAULK CONTINUOUS FULL PERIMETER, BOTH SIDES

HOLLOW METAL FRAME. FEILD VERIFY DEPTH.

EXISTING WALL TO REMAIN. REMOVE PORTION OF WALL AS REQUIRED TO INSTALL NEW DOORS.

5/8" GYP. BD. ON 3 5/8" & 6" METAL STUDS. (VERIFY AND MATCH EXISTING PLACEMENT OF GYP. BD.)

FIRE RETARDANT WOOD BLOCKING

STUD ANCHORS, TWO SCREWS MIN. EACH ANCHOR

CAULK EACH SIDE

HOLLOW METAL FRAME

<u>DINING 139</u>

E5 DOOR 139 HEAD & JAMB DETAIL A8.0 3" = 1'-0"

SCHEDULED DOOR

JAMB

- SCHEDULED DOOR

HEAD

0'-0 1/2"

<u>DINING 138</u>

![](_page_8_Picture_29.jpeg)

![](_page_9_Figure_0.jpeg)

![](_page_9_Figure_2.jpeg)

![](_page_9_Figure_3.jpeg)

05 EXISTING WALL SCONCE TO BE REMOVED & REPLACED W/ NEW FIXTURE WHERE

SPECFIED ON RENOVATED RCP. 06 EXISTING CEILING TILE, GRID & LIGHT FIXTURES TO BE REMOVED IN DISHWASHER ROOM ONLY.

![](_page_9_Figure_6.jpeg)

![](_page_9_Picture_7.jpeg)

![](_page_9_Picture_8.jpeg)

![](_page_10_Figure_0.jpeg)

![](_page_10_Figure_1.jpeg)

![](_page_10_Figure_2.jpeg)

![](_page_10_Figure_3.jpeg)

![](_page_10_Picture_4.jpeg)

<u>GE</u>	NERAL NOTES:	STRUCTURAL STEEL:
1.	CONTRACTOR SHALL COORDINATE BETWEEN ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL AND OTHER DRAWINGS. ANY DISCREPANCIES OR CONFLICTS	<ol> <li>ALL STRUCTURAL STEEL WIDE FLA</li> <li>ALL STRUCTURAL STEEL PLATES,</li> </ol>
	(INCLUDING DIMENSIONAL CONFLICTS) BETWEEN DRAWINGS OF DIFFERENT DISCIPLINES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT. CONTRACTOR SHALL NOT PROCEED WITH SHOP DRAWING PREPARATION OR ANY CONSTRUCTION UNTIL THE ARCHITECT HAS GIVEN DIRECTION OF RESOLUTION OF THE DISCREPANCY OR CONFLICT.	3. FABRICATION AND ERECTION SHA SUBMIT SHOP & ERECTION DRAWI CONNECTION DESIGN INFORMATIC SUBSTANTIALLY INCOMPLETE WIL
2.	CONSTRUCTION METHODS, SEQUENCES AND PROCEDURES ARE THE CONTRACTOR'S RESPONSIBILITY. THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO	4. ALL STRUCTURAL STEEL CONNEC SHALL BE DESIGNED BY THE FABR
	CONSTRUCTION AT ALL STAGES. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE SAFETY AND ERECTION REQUIREMENTS OF ALL GOVERNING PUBLIC	PROFESSIONAL ENGINEER REGIS FORCES INDICATED. UNLESS STA DRAWINGS SHALL INCLUDE A SEA
	PROTECTING THE ADJACENT PROPERTY AND ROADWAYS WITH SHORING OR OTHER NECESSARY MEANS.	CERTIFYING THAT THE CONNECTI FOR THE REQUIRED LOADS. DO <u>N</u> SPECIFICALLY REQUESTED.
3.	CONTRACTOR SHALL COORDINATE WITH THE ARCHITECTURAL, MECHANICAL, PLUMBING, CIVIL AND ELECTRICAL DRAWINGS AND VERIFY THE LOCATIONS AND SIZES OF CHASES, INSERTS, OPENINGS, SLEEVES, FINISHES, DEPRESSIONS AND OTHER	5. ALL CONNECTIONS SHALL BE DES METHOD. ALL REACTIONS SHOW FORCES, UNLESS NOTED OTHERV
4.	USE MANUFACTURER'S CERTIFIED DRAWINGS, DETAILS AND SPECIFICATIONS FOR	6. ALL BEAM CONNECTIONS SHALL E REACTION UNLESS NOTED OTHER
5.	ALL CONSTRUCTION JOINTS SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE INCORPORATED INTO THE STRUCTURE. ADDITIONAL CONSTRUCTION JOINTS TO	7. ALL BEAM CONNECTIONS SHALL E UNLESS NOTED. WHERE BEAM RI
	FACILITATE CONSTRUCTION SHALL BE LOCATED AND DETAILED ON THE SHOP DRAWINGS FOR REVIEW.	TOTAL UNIFORM LOAD CAPACITY AISC MANUAL PART 3, FOR GIVEN FACTOR OF 1,2 FOR NON-COMPOS
6.	PLACE DESIGN LOADS ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SUPPORT OF ANY ADDITIONAL LOADS AND FORCES IMPOSED DURING CONSTRUCTION, TRUCKING ERECTING AND HANDLING	8. TO THE REACTION LISTED ABOVE SUPPORTED BY THE BEAM WITHIN
7.	THE CONTRACTOR SHALL ENSURE THAT CONSTRUCTION LOADS DO NOT EXCEED THE DESIGN LIVE LOADS INDICATED ON THE STRUCTURAL DRAWINGS AND THAT THESE	9. WELDED CONNECTIONS (AWS D1.
	LOADS ARE NOT PUT ON THE STRUCTURAL MEMBERS PRIOR TO THE TIME THAT THE CONCRETE REACHES THE FULL SPECIFIED DESIGN STRENGTH, STEEL MEMBERS & THEIR CONNECTIONS ARE FULLY BOLTED AND / OR WELDED, AND ALL OTHER FRAMING	(AWS D1.6). THICKNESS OF WELD NOT LESS THAN 3/16" FILLET WELI
8.	MEMBERS AND THEIR CONNECTIONS ARE IN PLACE. CONTRACTOR SHALL BRACE ALL BASEMENT-TYPE WALLS RETAINING EARTH UNTIL	"SPECIFICATION FOR STRUCTURA BOLTS THROUGH 4" WIDE BEAM F BE 3/4" OR 1" DIAMETER AS REQU
9	ALL THE CONTRACTOR'S PROPOSED SUBSTITUTIONS MUST BE APPROVED BY	11. BOLTS SHOWN IN SECTIONS AND BE USED. ACTUAL NUMBER, UNL
J. 10	ARCHITECT/ENGINEER PRIOR TO FABRICATION OR ANY PERTINENT WORK. THE DETAILS DESIGNATED AS "TYPICAL DETAILS" SHOWN ON <b>S0.X</b> SERIES SHEETS.	12. THE STEEL FRAME IS "NON-SELF- BE PROVIDED BY THE CONTRACT
	APPLY GENERALLY TO THE DRAWINGS IN AREAS WHERE CONDITIONS ARE SIMILAR TO THOSE DESCRIBED OR DEPICTED, UNLESS SPECIFICALLY NOTED OTHERWISE.	13. WHERE STEEL WILL CONTACT DIS
11.	ALL DIMENSIONS SHOWN TAKE PRECEDENCE OVER SCALE SHOWN ON PLANS, SECTIONS, AND DETAILS. DO NOT SCALE THE DRAWINGS.	RECOMMENDATIONS, INCLUDING ISOLATORS.
12.	NOT SPECIFICALLY DETAILED IN THE CONTRACT DOCUMENTS SHALL BE DESIGNED BY THE CONTRACTOR, UNDER THE DIRECT SUPERVISION OF A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF ALABAMA. TO MEET ALL APPLICABLE BUILDING CODE	
	REQUIREMENTS. EXAMPLES OF THESE ELEMENTS MAY INCLUDE BUT ARE NOT LIMITED TO: LIGHT-GAUGE FRAMING, EQUIPMENT SUPPORT ABOVE THE PRIMARY ROOF STRUCTURE, ELEVATOR SUPPORT RAILS AND BEAMS, RACK STORAGE SYSTEMS,	STEEL STRUCTURAL OUTLINE SPECIF
	STAIRS & HANDRAILS, LADDERS, LIGHT POLE FOUNDATIONS AND RETAINING WALLS INDEPENDENT OF THE PRIMARY BUILDING.	1. G.C. IS RESPONSIBLE FOR DESIGI RESIST THE LOADING INDICATED
DE	SIGN CRITERIA:	2. SHOP DRAWINGS ARE TO BE SUB COMPONENTS.
1.	BUILDING CODES AND STANDARDS: A. INTERNATIONAL BUILDING CODE <u>2015</u>	<ol> <li>GROUT AT COLUMN BASE PLATES</li> <li>STRUCTURAL STEEL SHALL BE FA</li> </ol>
	<ul> <li>B. AMERICAN SOCIETY OF CIVIL ENGINEERS, ASCE 7</li> <li>C. AMERICAN CONCRETE INSTITUTE, ACI 318</li> <li>D. AMERICAN CONCRETE INSTITUTE, ACI 530</li> <li>C. AMERICAN INSTITUTE OF STEEL CONSTRUCTION AISC</li> </ul>	5. A QUALIFIED INDEPENDENT TEST
2	E. AMERICAN INSTITUTE OF STEEL CONSTRUCTION, AISC F. AMERICAN WELDING SOCIETY, AWS	AND BOLTED CONNECTIONS ACC A. BOLTED CONNECTIONS SHAL
2. 3.	A. ROOF	B. FIELD WELDS WILL BE VISUAL
	<ul> <li>A. GROUND SNOW LOAD (Pg) = 10 PSF</li> <li>B. SNOW EXPOSURE FACTOR (Ce) = 1.0</li> <li>C. SNOW LOAD IMPORTANCE FACTOR (Is) = 1.1</li> <li>D. THERMAL FACTOR (Ct) = 1.0</li> </ul>	AND INSPECTIONS INDICATE DO N
4.	LATERAL DESIGN LOADS: A. WIND - PER IBC a OCCUPANCY CATEGORY = III	POST-INSTALLED ANCHORS & EPOXY
	<ul> <li>b. BASIC WIND SPEED = 120 MPH</li> <li>c. BUILDING CATEGORY = ENCLOSED</li> <li>d. EXPOSURE CATEGORY = C</li> </ul>	ANCHORS ARE INDICATED, UNLES INSTANCES. THE GENERAL CONT IN COST DUE TO THE SUBSTITUTI
	<ul> <li>e. INTERNAL PRESSURE COEFFICIENT (GCpi) = ±0.18</li> <li>f. COMPONENTS &amp; CLADDING WIND PRESSURES: PER CODE</li> <li>B. EARTHQUAKE - PER IBC</li> </ul>	2. SCREW-TYPE ANCHORS SHALL BI
_	<ul> <li>a. OCCUPANCY CATEGORY = III</li> <li>b. SEISMIC IMPORTANCE FACTOR (IE) = 1.25</li> </ul>	SUBSTITUTIONS <u>MUST</u> BE APPRO DEPTHS SHALL BE 6 1/4" EMBED F UNLESS NOTED DIFFERENTLY ON
5.	ALLOWABLE DEFLECTIONS: CLADDING SYSTEMS, ARCHITECTURAL SYSTEMS AND ANY OTHER NON-STRUCTURAL SYSTEMS THAT ATTACH DIRECTLY OR INDIRECTLY TO THE STRUCTURAL ELEMENTS SHOWN SHALL BE DESIGNED & DETAILED TO ACCOMMODATE THE FOLLOWING ANTICIPATED MAXIMUM STRUCTURAL DEFLECTIONS (WHERE "L" REPRESENTS THE LENGTH	3. EXPANSION ANCHORS SHALL BE EMBEDMENT DEPTHS SHALL BE 6
	OR HEIGHT OF THE STRUCTURAL ELEMENT BEING CONSIDERED): A. BEAMS & SLABS SUPPORTING MASONRY: B. BEAMS & SLABS NOT SUPPORTING MASONRY: L/240 FOR TOTAL LOAD (VERTICAL)	ANCHORS, UNLESS NOTED DIFFE 4. EPOXY ANCHORS SHALL BE "HIT-I
	C. WIND BEAMS & COLUMNS BACKING MASONRY: D. WIND BEAMS & COLUMNS NOT BACKING MASONRY: L/360 FOR LIVE LOAD (VERTICAL) L/600 FOR WIND LOAD (LATERAL)	DRAWINGS). FOR EPOXY ANCHOI DIAMETER OF ROD OR BAR, UNLE THAN (MEMBER THICKNESS - 2")
		5. AT BRICK OR CMU WALLS, ANCHO OR HORIZONTAL MORTAR JOINTS
<u>EX</u> 1.	ISTING CONSTRUCTION: THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING AND MAINTAINING THE STRUCTURAL	6. ALL POST-INSTALLED ANCHORS A WITH MANUFACTURER'S MOST RE
2	THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF ALL TEMPORARY SHOPING	THE GENERAL CONTRACTOR SHA
۷.	REQUIRED TO SUPPORT THE EXISTING BUILDING UNTIL PERMANENT STRUCTURAL SUPPORT AS SHOWN HAS BEEN INSTALLED. THE CONTRACTOR SHALL ENGAGE AN INDEPENDENT STRUCTURAL ENGINEER REGISTERED IN THE STATE OF ALL BAMA TO REVIEW EXISTING AS-	THE TESTING AGENT/SPECIAL INS INFORMATION FOR EACH SPECIFI MOST RECENT INSTALLATION INS
	BUILT CONDITIONS AND PROVIDE DESIGN AND DRAWINGS FOR THE SUPPORT & PROTECTION OF THE EXISTING BUILDING DURING DEMOLITION AND THE CONSTRUCTION OF THE NEW WORK SHOWN IN THESE DOCUMENTS.	REPORTS. 8. POST-INSTALLED ANCHORS AND
3.	CONNECTIONS, ADDITIONS AND ALTERATIONS AS SHOWN TO EXISTING BUILDING ARE BASED ON ORIGINAL STRUCTURAL DRAWINGS AND ON A VISUAL OBSERVATION OF THE PROJECT SITE, ON INFORMATION PROVIDED BY THE APOLITECT	MONITORING OF THE TESTING AG CONTRACTOR. THE TESTING AGE THE FOLLOWING ITEMS FOR EACI A LOCATION OF THE ANCHORY
4.	THE CONTRACTOR SHALL FIELD-VERIFY ALL DIMENSIONS, ELEVATIONS, AND CONDITIONS SHOWN PRIOR TO FABRICATION/CONSTRUCTION. THIS INFORMATION SHALL BE	B. DRILL BIT TYPE AND SIZE C. HOLE DEPTH D. HOLE CLEANING TECHNIQUE (
	INCORPORATED INTO THE SHOP DRAWINGS PRIOR SUBMITTING TO ARCHITECT/ENGINEER FOR REVIEW.	E. ANCHOR/DOWEL TYPE F. ANCHOR/DOWEL SIZE G. ANCHOR/DOWEL EMBEDMENT
5.	IF EXISTING CONDITIONS DIFFER FROM THE CONDITIONS SHOWN IN THE DRAWINGS OR ASSUMED FOR DESIGN, THE ARCHITECT/ENGINEER SHALL BE NOTIFIED OF ALL DISCREPANCIES, ALLOWED TO EXAMINE THE AS-BUILT CONDITION, AND MODIFY THE DESIGN AS REQUIRED.	H. ANCHOR/DOWEL INSTALLATIC DISPENSING FOR ADHESIVES, MECHANICAL ANCHORS IF API
6.	IF CONDITIONS ARE ENCOUNTERED DURING CONSTRUCTION WHICH REQUIRE THE REMOVAL OF EXISTING LOAD-BEARING CONSTRUCTION NOT SHOWN ON THE STRUCTURAL DRAWINGS. THE ARCHITECT AND THE STRUCTURAL ENCOURCE OUT OF NOTIFIED	9. POST-INSTALLED ANCHORS AND I AS DESCRIBED ABOVE SHALL BE REJECTED, UNLESS THE OWNER'S TENSION CARACITY OF THE ANOT
	ALLOWED TO EXAMINE THE AS-BUILT CONDITION AND PROVIDED THE OPPORTUNITY TO MODIFY THE DESIGN AS REQUIRED PRIOR TO REMOVAL.	METHODS. AS A MINIMUM, 25% O CHOSEN AT RANDOM FOR PROOF ANCHORS/DOW/ELS SHALL THEN
7.	EXCEPT WHERE NEW PERMANENT LOADS OR COMPONENTS HAVE BEEN ADDED AS SHOWN IN THE STRUCTURAL DRAWINGS, THE EXISTING STRUCTURE HAS NOT BEEN ANALYZED BY ECHOLS, LINDSEY & MOORE STRUCTURAL ENGINEERS, INC.	RE-TESTED UNTIL LISTED TENSIO FOR A TENSION FORCE NOT LESS TENSION LOAD FOR THE SPECIFIE
		ANCHORS/DOWELS MUST HAVE N THE APPLICATION OF THE PROOF RESPONSIBLE FOR THE COST OF
		10. ANCHORS SHALL BE INSTALLED P THE ANCHOR. THE MAXIMUM ALL
		DEGREES. ALL ANCHORS INSTALL UNACCEPTABLE.
		11. ALL UNUSED HOLES DRILLED IN C

STEEL WIDE FLANGE SHAPES SHALL CONFORM TO ASTM A992 STEEL PLATES, ANGLES AND CHANNELS SHALL CONFORM TO ASTM A36

ERECTION SHALL CONFORM TO AISC CODE OF STANDARD PRACTICE. RECTION DRAWINGS FOR REVIEW, INCLUDING THE REQUIRED IGN INFORMATION DESCRIBED BELOW. SUBMITTALS THAT ARE ICOMPLETE WILL BE REJECTED WITHOUT REVIEW.

STEEL CONNECTIONS NOT SPECIFICALLY DETAILED ON THE DRAWINGS ED BY THE FABRICATOR, UNDER THE DIRECT SUPERVISION OF A VGINEER REGISTERED IN THE STATE OF ALABAMA, TO RESIST THE D. UNLESS STAMPED BY THE FABRICATOR'S ENGINEER, THE SHOP INCLUDE A SEALED LETTER FROM THE FABRICATOR'S ENGINEER THE CONNECTIONS SHOWN IN THE SHOP DRAWINGS ARE ADEQUATE D LOADS. DO <u>NOT</u> SUBMIT CALCULATIONS EXCEPT WHERE JUESTED

S SHALL BE DESIGNED USING THE ALLOWABLE STRESS DESIGN (ASD) ACTIONS SHOWN OR CALCULATED SHALL BE SERVICE-LOAD LEVEL NOTED OTHERWISE.

CTIONS SHALL BE DESIGNED FOR AN AXIAL LOAD OF 5% OF THE BEAM S NOTED OTHERWISE.

CTIONS SHALL BE AISC TYPE 2 "SIMPLE FRAMING" CONNECTIONS, VHERE BEAM REACTIONS ARE NOT SHOWN ON THE DRAWINGS, THE ALL BE DESIGNED TO SUPPORT A REACTION EQUAL TO ONE-HALF THE OAD CAPACITY FROM THE TABLE OF MAXIMUM TOTAL UNIFORM LOADS, T 3, FOR GIVEN SHAPE, SPAN AND GRADE OF STEEL, MULTIPLIED BY A R NON-COMPOSITE BEAMS OR BY 1.7 FOR COMPOSITE BEAMS.

LISTED ABOVE, ADD ANY LOADS OR REACTIONS OF MEMBERS HE BEAM WITHIN THREE FEET OF BEAM END AND THE VERTICAL FORCES IN BRACE MEMBERS FRAMING INTO THE BEAM.

TIONS (AWS D1.1): E70XX ELECTRODES. E308XX FOR STAINLESS STEEL INESS OF WELDS SHALL BE AS SHOWN, SPECIFIED OR REQUIRED, BUT 16" FILLET WELD.

TIONS: BEARING TYPE A325-N, SNUG-TIGHT IN ACCORDANCE WITH AISC OR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS", U.N.O. 4" WIDE BEAM FLANGES SHALL BE 5/8" DIAMETER. OTHER BOLTS SHALL ETER AS REQUIRED.

SECTIONS AND DETAILS ARE A SCHEMATIC INDICATION THAT BOLTS MAY NUMBER, UNLESS SPECIFIED, SHALL BE IN ACCORDANCE WITH AISC. IS "NON-SELF-SUPPORTING". ADEQUATE TEMPORARY SUPPORT MUST THE CONTRACTOR UNTIL REQUIRED CONNECTIONS OR OTHER

L CONTACT DISSIMILAR METALS, THE GENERAL CONTRACTOR SHALL TION AGAINST GALVANIC CORROSION PER LATEST CODE NS, INCLUDING BUT NOT LIMITED TO PRESSURE TAPES, COATINGS, OR

### UTLINE SPECIFICATIONS:

BLE FOR DESIGN AND DETAILS OF STEEL CONNECTIONS AS REQUIRED TO ING INDICATED IN THE GENERAL NOTES OR SPECIFIC DETAILS. ARE TO BE SUBMITTED SHOWING FABRICATION OF STRUCTURAL-STEEL N BASE PLATES SHALL BE SHRINKAGE-RESISTANT GROUT PER ASTM C 1107. EL SHALL BE FABRICATED AND ASSEMBLED ACCORDING TO AISC'S "CODE OF TICE FOR STEEL BUILDINGS AND BRIDGES" AND AISC 360.

PENDENT TESTING AGENT SHALL BE ENGAGED TO INSPECT FIELD WELDS NECTIONS ACCORDING TO THE FOLLOWING: ECTIONS SHALL BE INSPECTED ACCORDING TO RCSC'S "SPECIFICATION FOR JOINTS USING ASTM A 325 OR A 490 BOLTS." WILL BE VISUALLY INSPECTED ACCORDING TO AWS D1.1/D1.1M.

NTRACTOR IS TO CORRECT DEFICIENCIES IN WORK THAT TEST REPORTS INDICATE DO NOT COMPLY WITH THE CONTRACT DOCUMENTS.

### HORS & EPOXY DOWELS:

ANCHORS OR DOWELS SHALL NOT BE USED WHERE CAST-IN-PLACE DICATED, UNLESS APPROVED BY THE STRUCTURAL ENGINEER FOR SPECIFIC GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ANY INCREASE HE SUBSTITUTION OR TO THE ADDITIONAL MONITORING, TESTING AND RE-D PER THE NOTES BELOW.

HORS SHALL BE "KWIK HUS-EZ" BY HILTI, OR "TITEN-HD" BY SIMPSON. ALL UST BE APPROVED BY THE STRUCTURAL ENGINEER. MINIMUM EMBEDMENT 6 1/4" EMBED FOR 3/4"Ø, OR 4 1/4" EMBED FOR 1/2" SCREW ANCHORS, FFERENTLY ON THE DRAWINGS.

ORS SHALL BE "KWIK-BOLT 3" BY HILTI OR "STRONG BOLT 2" BY SIMPSON. THS SHALL BE 6" EMBED FOR 3/4"Ø, OR 4" EMBED FOR 1/2"Ø EPOXY S NOTED DIFFERENTLY ON THE DRAWINGS.

SHALL BE "HIT-HY 200 WITH HIT-Z ROD" BY HILTI, OR "SET-XP" BY SIMSPSON GRADE B7 ROD (OR AISI TYPE 316 STAINLESS STEEL WHERE REQUIRED BY EPOXY ANCHORS, THREADED ROD AND REBAR EMBEDMENT SHALL BE 12 x OR BAR, UNLESS NOTED DIFFERENTLY ON THE DRAWINGS, BUT NOT MORE HICKNESS - 2").

WALLS, ANCHORS MAY NOT BE INSTALLED IN OR WITHIN 1 1/4" OF VERTICAL IORTAR JOINTS. RE-SPACE TO MAINTAIN TOTAL QUANTITY. LED ANCHORS AND DOWELS SHALL BE INSTALLED IN STRICT ACCORDANCE

RER'S MOST RECENT INSTALLATION INSTRUCTIONS AND NS. IF THE MANUFACTURER'S RECOMMENDATIONS CONFLICT WITH THE INGS, THE MOST RESTRICTIVE REQUIREMENT SHALL GOVERN.

NTRACTOR SHALL MAINTAIN ON-SITE (FOR REFERENCE BY THE INSTALLER, NT/SPECIAL INSPECTOR AND THE BUILDING OFFICIAL) THE FOLLOWING R EACH SPECIFIC POST-INSTALLED ANCHOR PRODUCT: MANUFACTURER'S STALLATION INSTRUCTIONS, PERFORMANCE DATA AND ICC-ES EVALUATION

ANCHORS AND DOWELS SHALL BE INSTALLED UNDER THE DIRECT HE TESTING AGENT, AND SHALL BE COORDINATED BY THE GENERAL IE TESTING AGENT MUST VERIFY AND INCLUDE IN THEIR REPORTS ALL OF

TEMS FOR EACH ANCHOR/DOWEL: THE ANCHOR VERSUS EDGE DISTANCE AND SPACING REQUIREMENTS E AND SIZE

IG TECHNIQUE (VERY IMPORTANT) EL TYPE

EL INSTALLATION PROCEDURE, INCLUDING EXPIRATION DATE & PROPER OR ADHESIVES, BASE MATERIAL TEMPERATURE AND MINIMUM TORQUES FOR ANCHORS IF APPLICABLE

ANCHORS AND DOWELS THAT ARE INSTALLED WITHOUT DIRECT MONITORING OVE SHALL BE CONSIDERED AS NON-CONFORMING WORK AND WILL BE S THE OWNER'S TESTING AGENT CAN SUCCESSFULLY DEMONSTRATE THE Y OF THE ANCHORS/DOWELS USING APPROPRIATE ASTM STANDARD TEST 1INIMUM, 25% OF THE INSTALLED ANCHORS/DOWELS IN QUESTION SHALL BE OM FOR PROOF LOADING. IF ANY ANCHOR/DOWEL FAILS, 100% OF THE S SHALL THEN BE TESTED. FAILED ANCHORS MUST BE RE-INSTALLED AND LISTED TENSION LOAD IS ACHIEVED. THESE ANCHORS SHALL BE TESTED DRCE NOT LESS THAN 125% OF THE MANUFACTURER'S LISTED ALLOWABLE

R THE SPECIFIED EMBEDMENT. TO BE DEEMED ACCEPTABLE, S MUST HAVE NO VISIBLE INDICATIONS OF MOVEMENT DURING OR AFTER. OF THE PROOF LOAD. THE GENERAL CONTRACTOR SHALL BE SOLELY THE COST OF PROOF TESTING, RE-INSTALLATIONS AND DAMAGE REPAIR.

BE INSTALLED PERPENDICULAR TO THE FACE OF THE CONCRETE RECEIVING E MAXIMUM ALLOWABLE DEVIATION FROM PERPENDICULAR SHALL BE 10 ICHORS INSTALLED OUTSIDE OF THIS TOLERANCE SHALL BE DEEMED

ES DRILLED IN CONCRETE SHALL BE FILLED WITH NON-SHRINK EPOXY GROUT. 12. PROVIDE HORIZONTAL SLOTTED HOLES IN COLUMN BASE PLATES OR BEAM MOUNTING PLATES AT ANCHOR LOCATIONS. DO NOT DRILL THROUGH OR OTHERWISE DAMAGE EXISTING REINFORCING BARS. IF ANCHORS CONFLICT WITH REINFORCING, ANCHORS & PLATE MAY BE SHIFTED 1" MAXIMUM TO CLEAR REINFORCING. MAINTAIN A MINIMUM OF 6" FROM ANCHORS TO EDGE OF CONCRETE MEMBERS.

13. IF OVERSIZED OR SLOTTED HOLES ARE PROVIDED IN THE PLATE, THE CONTRACTOR SHALL WELD 1/4" PLATE WASHERS TO THE PLATE.

SHOP DRAWINGS & SUBMITTALS:

- 1. STRUCTURAL DRAWINGS INDICATE TYPICAL AND CERTAIN SPECIFIC CONDITIONS ONLY. ALL CONDITIONS SHALL BE DETAILED ON THE SHOP DRAWINGS IN ACCORDANCE WITH SPECIFIED STANDARDS AND THE SPECIFIC REQUIREMENTS OF THIS PROJECT AS INDICATED ON THE DRAWINGS.
- 2. IF SUBMITTALS CONTAIN ANY REPRODUCTIONS OF CONTRACT STRUCTURAL DRAWINGS (FROM CAD OR OTHERWISE) WITHOUT THE PRIOR PURCHASE OF EITHER A CAD OR BIM MODEL LICENSE. THEY WILL BE REJECTED AND RETURNED WITHOUT ENGINEER REVIEW.
- 3. THE GENERAL CONTRACTOR SHALL REVIEW ALL SUBMITTALS AND STAMP WITH APPROVAL PRIOR TO SUBMISSION TO ARCHITECT/ ENGINEER. SHOP DRAWINGS RECEIVED BY THE ARCHITECT/ENGINEER THAT HAVE NOT BEEN CHECKED AND COORDINATED BY THE CONTRACTOR WILL BE RETURNED WITHOUT ARCHITECT/ENGINEER'S REVIEW.
- 4. BY APPROVING AND SUBMITTING SHOP DRAWINGS, PRODUCT DATA AND SIMILAR SUBMITTALS, THE GENERAL CONTRACTOR REPRESENTS THAT THE CONTRACTOR HAS DETERMINED AND VERIFIED MATERIALS, FIELD MEASUREMENTS AND FIELD CONSTRUCTION CRITERIA RELATED THERETO, AND HAS CHECKED AND COORDINATED THE INFORMATION CONTAINED WITHIN THE SUBMITTAL WITH THE REQUIREMENTS OF THE WORK AND OF THE CONTRACT DOCUMENTS.
- 5. THE GENERAL CONTRACTOR SHALL SUBMIT SHOP DRAWINGS IN ELECTRONIC (PDF) FORMAT ONLY (INSTEAD OF PAPER COPIES). THESE WILL BE REVIEWED AND RETURNED BY THE STRUCTURAL ENGINEER IN PDF FORMAT ONLY. ALLOW TWO WEEKS FOR THE REVIEW OF EACH SUBMITTAL. WHERE MULTIPLE STRUCTURAL SUBMITTALS ARE SUBMITTED WITHIN A BRIEF TIME FRAME, ELM RESERVES THE RIGHT TO INCREASE THE TWO WEEK REVIEW ALLOWANCE AT OUR DISCRETION. TO MINIMIZE DISRUPTION TO THE PROJECT SCHEDULE. ELM RECOMMENDS THAT THE GENERAL CONTRACTOR DEVELOP AND SUBMIT A SCHEDULE OF SUBMITTALS FOR ARCHITECT/ENGINEER REVIEW AND COMMENT
- 6. ELM'S REVIEW OF SUBMITTALS SHALL BE FOR GENERAL CONFORMANCE WITH THE INFORMATION GIVEN AND DESIGN CONCEPT EXPRESSED IN THE STRUCTURAL CONTRACT DOCUMENTS. ELM'S REVIEW OF SUBMITTALS IS NOT CONDUCTED FOR THE PURPOSE OF DETERMINING THE ACCURACY AND COMPLETENESS OF OTHER DETAILS SUCH AS DIMENSIONS AND QUANTITIES, OR FOR SUBSTANTIATING PERFORMANCE OF SYSTEMS DESIGNED BY THE CONTRACTOR, ALL OF WHICH REMAIN THE RESPONSIBILITY SOLELY OF THE GENERAL CONTRACTOR.
- 7. THE GENERAL CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR DEVIATIONS FROM REQUIREMENTS OF THE CONTRACT DOCUMENTS BY ELM'S APPROVAL OF SUBMITTALS UNLESS THE CONTRACTOR HAS SPECIFICALLY INFORMED ELM IN WRITING OF SUCH DEVIATION AT THE TIME OF SUBMITTAL AND ELM HAS GIVEN WRITTEN APPROVAL TO THE SPECIFIC DEVIATION. THE GENERAL CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR ERRORS OR OMISSIONS IN A SUBMITTAL BY ELM'S APPROVAL OF THE SUBMITTAL.

SPECIAL INSPECTIONS AND TESTING NOTES:

- 1. IF SPECIAL INSPECTIONS ARE A REQUIREMENT OF THE BUILDING OFFICIAL OR JURISDICTION FOR THIS PROJECT, THE NOTES IN THIS SECTION SHALL APPLY.
- 2. SPECIAL INSPECTIONS AND TESTING ARE REQUIRED PER THESE NOTES AND PER CHAPTER 17 OF IBC 2009 FOR THE FOLLOWING PORTIONS OF CONSTRUCTION: SHOP FABRICATIONS PER SECTION 1704.2 STEEL CONSTRUCTION PER SECTION 1704.3 & TABLE 1704.3 PER SECTION 1704.5 & TABLES 1704.5.1 &1704.5.3 MASONRY CONSTRUCTION SPECIAL CASES PER SECTION 1704.13 EPOXY ANCHORS (SEE "POST-INSTALLED ANCHORS" EXPANSION BOLTS GENERAL NOTES ON THIS SHEET) SCREW ANCHORS
- 3. THE OWNER SHALL EMPLOY ONE OR MORE QUALIFIED INDEPENDENT TESTING COMPANIES, APPROVED BY THE BUILDING OFFICIAL, TO PERFORM SPECIAL INSPECTIONS AND TESTING.
- 4. THE CONTRACTOR SHALL COORDINATE THE INSPECTION AND TESTING SERVICES WITH THE PROGRESS OF THE WORK. THE CONTRACTOR SHALL PROVIDE SUFFICIENT NOTICE TO ALLOW PROPER SCHEDULING OF ALL PERSONNEL.

CONCRETE MASONRY:

- 1. MASONRY CONSTRUCTION SHALL CONFORM TO ACI 530.1 SPECIFICATION.
- 2. MASONRY COMPRESSIVE STRENGTH (fm) SHALL BE 1500 PSI BASED ON THE UNIT STRENGTH METHOD OR VERIFIED BY PRISM TESTS IN ACCORDANCE WITH ASTM C 1314.
- 3. MORTAR SHALL BE TYPE S OR M.
- 4. REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60. 5. BLOCK FILL SHALL BE GROUT WITH AN 8" TO 11" SLUMP, PROPORTIONED PER ASTM C 476 OR ATTAINING 3000 PSI AT 28 DAYS PER ASTM C 1019. DO NOT USE MORTAR AS BLOCK
- 6. ALL GROUT SHALL BE CONSOLIDATED AT TIME OF PLACEMENT USING A LOW-VELOCITY MECHANICAL VIBRATOR WITH A 3/4-INCH HEAD. RE-CONSOLIDATE GROUT AFTER INITIAL WATER LOSS AND SETTLEMENT HAS OCCURRED. DO NOT PLACE NEXT LIFT OF GROUT UNTIL LOWER LIFT HAS BEEN RE-CONSOLIDATED.
- 7. ALL BLOCK CELLS AND CAVITIES BELOW GRADE SHALL BE GROUTED SOLID. ALL LINTELS & BOND BEAMS SHALL BE GROUTED SOLID. 8. ALL BLOCK CELLS WHICH HAVE VERTICAL REINFORCING SHALL BE GROUTED FULL-HEIGHT
- IN 5'-0" LIFTS (MAXIMUM HEIGHT). EACH LIFT SHALL STOP 2" BELOW TOP OF BLOCK COURSE UNLESS AT TOP OF WALL.
- 9. ALL STRUCTURAL MASONRY WALLS SHALL BE RUNNING BOND, UNLESS NOTED. 10. ANCHOR WALLS TO SUPPORTING STRUCTURES AS SHOWN ON THE STRUCTURAL AND ARCHITECTURAL DRAWINGS. CONTRACTOR SHALL PROVIDE ADEQUATE TEMPORARY

BRACING OF ALL MASONRY WALLS DURING CONSTRUCTION.

![](_page_11_Picture_62.jpeg)

![](_page_11_Figure_63.jpeg)

### **TYPICAL WIDE-FLANGE BEAM-TO-COLUMN SHEAR CONNECTION**

![](_page_11_Picture_66.jpeg)

![](_page_12_Figure_0.jpeg)

![](_page_12_Figure_1.jpeg)

![](_page_12_Picture_2.jpeg)

# FOUNDATION & FLOOR PLAN

FINISH FLOOR (TOP OF SLAB) ELEVATION 0'-0", UNLESS NOTED OTHERWISE.

TOP OF STEEL BEAM ELEVATION (10'-8") UNLESS NOTED.

PRIOR TO FABRICATION OF ANY STEEL GENERAL CONTRACTOR TO FIELD VERIFY DIMENSIONS.

SEE GENERAL NOTES, SECTIONS, FRAMING ELEVATIONS AND TYPICAL DETAILS FOR ADDITIONAL FRAMING REQUIREMENTS.

SHORING NOTE: DO NOT BEGIN DEMOLITION OR EXCAVATION WORK IN THIS AREA UNTIL EXISTING STRUCTURE HAS BEEN ADEQUATELY SHORED TO SUPPORT EVERY LEVEL. SHORING SHALL REMAIN IN PLACE UNTIL ALL NEW STRUCTURAL ELEMENTS SHOWN HAVE BEEN INSTALLED. REFER TO "EXISTING CONSTRUCTION" NOTES ON SHT. S0.1 FOR ADDITIONAL REQUIREMENTS.

![](_page_12_Picture_11.jpeg)

![](_page_13_Figure_0.jpeg)

![](_page_13_Figure_1.jpeg)

ALLOWS.

![](_page_13_Figure_4.jpeg)

1 **SECTION** S2.1 3/4" = 1'-0"

![](_page_13_Picture_6.jpeg)

	_		_	-		_	_		_							
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NI	- \/\	/ \/\	/()	чκ	. (1)	11(		- E ( )	╷╷╷⊢	71/1			ЫР	~	<b>H</b> I	( : -
	_ v v			<b>N</b>	、いレ	$\mathbf{u}$			UII.	1 1 1						<b>U</b> .

- MECHANICAL SYMBOL LEGEND MECHANICAL NOTATION LEGEND DUCT SYSTEMS KK (DUCT, EQUIPMENT, PIPE, ETC.) = EXISTING WORK TO REMAIN EXHAUST AIR EA = ----- = EXISTING WORK TO BE REMOVED OUTSIDE AIR OA = = MANUAL VOLUME DAMPER SA = SUPPLY AIR = MOTORIZED DAMPER ——M RA = RETURN AIR (T)= SENSOR ICON PIPING SYSTEMS = DEMOLITION KEY NOTE  $\langle A \rangle$ CONDENSATE DRAIN (PIPING) CD = = SUPPLY DROP / RISE GAS PIPING G = = RETURN DROP / RISE DUCT DAMPERS & ACTUATORS = EXHAUST DROP / RISE ASD = ADJUSTABLE SPLITTER DAMPER ADJUSTABLE VOLUME DAMPER AVD AVE = ADJUSTABLE VOLUME EXTRACTOR DUCT SMOKE DAMPER DS FIRE DAMPER WITH ACCESS DOOR FD FD/SD = OUT OF WALL / FLOOR COMBINATION FIRE / SMOKE DAMPER WITH SMOKE DETECTOR, HEAT SENSOR AND ACCESS DOOR MOTORIZED DAMPER M = VOLUME DAMPER VD = SENSORS (INSIDE SENSOR ICON) CARBON DIOXIDE SENSOR CO CARBON MONOXIDE SENSOR HUMIDITY SENSOR Н = INDOOR AIR QUALITY SENSOR IAQ = NITROGEN DIOXIDE SENSOR NO PRESSURE SENSOR P = TEMPERATURE SENSOR S S/C TEMPERATURE / CO2 SENSOR SMOKE DETECTOR SD = THERMOSTAT T/C = THERMOSTAT / CO2 SENSOR TS = TIMER SWITCH **GENERAL MECHANICAL NOTES** THIS CONTRACTOR IS RESPONSIBLE FOR REVIEWING ALL DRAWINGS AND SPECIFICATIONS OF ALL DISCIPLINES FOR ANY AND ALL WORK THAT WILL IMPACT THIS CONTRACTOR AND WILL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO PROVIDE SAID WORK. CERTAIN AREAS WILL REQUIRE EXTENSIVE COORDINATION BETWEEN ALL TRADES. 2. CONTRACTOR(S) SHALL COORDINATE PRIOR/DURING CONSTRUCTION TO ELIMINATE ANY CONFLICTS. THE LOCATION OF ALL CEILING MOUNTED AIR DISTRIBUTION DEVICES SHALL BE COORDINATED WITH THE ARCHITECTURAL REFLECTED CEILING PLAN AND SHALL AVOID CONFLICT WITH ALL CEILING DEVICES, MOUNTED LIGHTS, PROJECTORS, ETC. ALL DUCT SIZES INDICATED ON THE DRAWINGS ARE FOR THE CLEAR INSIDE DIMENSION. 4. CONTRACTOR SHALL INCREASE DUCT SIZE IF INTERIOR DUCT INSULATION IS CALL FOR ON THE DRAWINGS. THE SAME APPLIES FOR DOUBLE WALL SPIRAL DUCT. THE BOTTOM OF ALL DUCTWORK AND PIPING TO BE COORDINATED WITH ROOM FINISH SCHEDULE 5. FOR CEILING HEIGHTS AND SHALL BE A MINIMUM OF 6" ABOVE THE CEILING GRID. ALL SERVICEABLE ITEMS SUCH AS EQUIPMENT, VAV / VVT BOXES ACTUATORS, DAMPERS, VALVES, CONTROL DEVICES, CIRCUIT SETTERS, ETC. SHALL BE LOCATED NO MORE THAN 24" ABOVE THE CEILING GRID. ALL DUCTS AND PIPING INDICATED ON THE DRAWINGS ARE DIAGRAMMATIC ONLY. THEY MAY BE 6. REQUIRED TO BE SHIFTED, OFFSET OR INSTALLED HIGH IN BETWEEN THE JOISTS AS DETERMINED BY FIELD CONDITIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL MATERIALS AND LABOR NECESSARY TO INSTALL THE PIPING AND DUCTS TO MEET THE INTENT OF THE DRAWINGS. ROUND BRANCH RUN-OUTS TO AIR DISTRIBUTION DEVICES ARE TO BE ENTIRELY SHEET METAL 7. WITH THE EXCEPTION THAT UP TO FIVE FEET OF FLEX DUCT MAY BE USED ON EACH BRANCH UNLESS OTHERWISE INDICATED. ALL FLEX DUCT SHALL BE SUPPORTED INDEPENDENT OF THE CEILING, PIPING, CONDUITS, OTHER DUCTS, ETC. AND SHALL BE SUPPORTED IN SUCH A WAY AS TO AVOID KINKING OR OBSTRUCTION OF AIR FLOW. THE MECHANICAL CONTRACTOR SHALL INSTALL FIRE DAMPERS, SMOKE DAMPERS OR COMBINATION DAMPERS AT ALL FIRE RATED WALLS AND/OR SMOKE BARRIERS. REFER TO THE EXISTING ARCHITECTURAL LIFE SAFETY PLANS, IN THE OWNER'S POSSESSION, FOR THE WALL / CEILING RATINGS AND LOCATIONS. CONTRACTOR SHALL NOT FABRICATE OR CONSTRUCT DUCTWORK, PIPING, ETC. FROM THE 9. DRAWINGS PRIOR TO VERIFYING DUCT, PIPING, ETC. CAN BE INSTALLED IN THE FIELD WITH RESPECT TO FIELD CONDITIONS. 10. COORDINATE WITH ROOFING CONTRACTOR FOR ALL ROOF PENETRATIONS.

![](_page_14_Figure_3.jpeg)

![](_page_14_Picture_7.jpeg)

GRAPHIC SCALE: 1/8" = 1'-0"

0 2' 4' 6' 8' 12' 16'

24'

![](_page_15_Figure_0.jpeg)

![](_page_15_Picture_3.jpeg)

![](_page_16_Figure_0.jpeg)

		IAQ OUTSIDE A	AIR CALCULATION	SCHEDULE												
		Zone TAG	Room Name	Space Occ	upancy	Zone Type	Zone Room Area, ft² (Az)	Zone Max Occ.# of People (Pz)	Table 6.1. Outside Air per Occupant (Rp)	Table 6.1. cfm/ft² (Ra)	Pz*Rp	Az*Ra	Table 6. Effect.			
A		Existing RTU-04 Existing RTU-04 Existing RTU-04 Existing RTU-04 Existing RTU-04	Dining A138 Dining A139 Corridor Airlock Storage A142	Public Assemb Public Assemb Gener Gener	ly Spaces Ily Spaces al al al	Food Dining Food Dining Corridors Corridors Storage Room <b>Total Zone ft</b> <sup>2</sup>	1410 1710 100 485 1182 4887	75 80 0 0 0 155	7.5 7.5 0.0 5.0 <b>Total # of Oc</b>	0.18 0.18 0.06 0.06 0.06 cupants	562.5 600 0 0 0	254 308 6 29 71 <b>To</b> Max	0.4 0.7 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4			
		Min Total SA Total OA wit Total RA IAQ OUTSIDE AIR CALCULATION SCHEDULE (CONTINUED)														
		Zone TAG	Room Name	SCHEDULE (	CONTINU	Maximum concentration (PPM)	VRP concentration (PPM)	IAQp concentration (PPM)	Is VRP OA CFM level acceptable? (Yes/No)	Is IAQp OA CFM level acceptable? (Yes/No)	Maximum concentration (PPM)	Forma VRP concentration (PPM)	Idehyde IAC concent (PP			
		Existing RTU-04 Existing RTU-04 Existing RTU-04 Existing RTU-04 Existing RTU-04	Dining A139 Dorridor Airlock Storage A142			5000 5000 5000 5000 5000	365 60 96 88	238.040503 237 30 48 44	Yes Yes Yes Yes	Yes Yes Yes Yes	0.75 0.75 0.75 0.75 0.75	0 0 0 0	0.00050 0.00050 8.6412 0.0001 0.0001			
		1. Bipolar ionizat 2. Install bipolar i 3. After installatio 4. Mechanical co 5. Manufacturer's 6. Needlepoint io	ion shall be AtmosAir of ionization with MERV8 on mechanical contract ontractor shall provide of s tubes shall last 2 yea on generation shall not	or approved equ prefilters. MER tor shall test ion one set of replac rs before replac be allowed.	al. V13 prefilte levels in al cement tub ement is re	ers are not required. I spaces and demons es for all air handling equired.	strate a minim systems spec	um of 1,000 ion ified with bipolar	s/cm3 in each : ionization.	space.						
В		<b>GRILLE, REC</b> MARK DESCRIPTION	GISTER AND DI CD- SQUARE LOUV CEILING DIF	FFUSER S 1 ERED FACE FUSER,	CHEDU SQUAF CE	LE CD-2 RE LOUVERED FAC LING DIFFUSER,	CE SQUA	CG-1 RE LOUVEREI NG GRILLE, SC	D FACE S QUARE C	CG- QUARE LOU\ CEILING GRILI	-2 /ERED FACE LE, SQUARE	SLOT E SLOTS	SD-1 DIFFUSEI S, ADJUS			
	-	MOUNTING	SQUARE NEC DISCHARGE	CK, FIXED PATTERN	SQU DISC	ARE NECK, FIXED HARGE PATTERN SURFACE	NEC	K, 35° DEFLEC		NECK, 35° DE		PATTERI				
	-	FINISH BORDER TYPE TITUS MODEL	MATCH CEILIN TYPE	NG COLOR	MATC	CH CEILING COLOF TYPE 6 TDC-AA	R MAT	CH CEILING C TYPE 1 350FL	OLOR	ALUMI MATCH CEILI TYPE 3501	NG COLOR E 3 FL	MATCH	CEILING TYPE 2A ML-39			
		ACCESSORIES	-			-		-		-		ENI INSUL WITH	) BORDE ATED PL DUCT CO			
		ACCESSORIES: 1. TITUS HAS SUBMITTEE 2. MAXIMUM N 3. AIR DEVICE 4. CEILING MO 5. WALL MOU VIEW BLOC 6. INTERNAL F DTM PAINT	BEEN SPECIFIED TO D 10 DAYS PRIOR TO NC RATING SHALL N ES THAT ARE CEILIN DUNTED LOUVERED NTED RETURN / EX K.	O ESTABLISH O BID. NOT EXCEED IG CUT-IN TYP D RETURN / E HAUST GRILL	THE TYP 30. PE SHALL KHAUST ( ES SHALL NLET PLE	E AND QUALITY OF BE CENTERED IN GRILLES SHALL BE BE INSTALLED W	THE TILE. INSTALLED ITH THE BLA	E TO BE INSTA	ALLED. PRIOR ADES POINTE G TOWARD T , EXHAUST A	ED TOWARD	EQUALS WILL THE CLOSEST R CEILING, WI	BE CONSID WALL SO T HICHEVER IS ALL BE BLA	ERED. PI HAT THE NEARE CKED OI			
С		7. GRILLE TEF GRILLE, RE	RMINATION SHALL E GISTER, DIFFUSER <b>ULE</b>	BE FLEXMAST CONNECTIO	ER FISB (			JNLESS OTHE	RWISE SPEC	CIFIED IN SCH	EDULE ABOV	E OR NOTED	ON DRA			
	-	DRIVE CFM WATTS			EF-( DIRE 60(	от СТ )										
	-	MOTOR HP MOTOR RPM STATIC PRESSU SONES	IRE, IN. WC		1/6 107 0.24 4.1	5										
		VOLT / PHASE BASIS OF DESIG MANUFACT	GN TURER		120 / COC	/ 1 ОК										
	-	MODEL ACCESSORIES NOTES			120V2 1, 2, 3, A	4, 5										
	-	ACCESSORIES: 1. PROVIDE S 2. PROVIDE S	PEED CONTROL MO	DUNTED ON F	AN.											
D	_	<ol> <li>PROVIDE B</li> <li>PROVIDE C TO VIBRO A TO REQUIR TO CURB A POUNDS PI FACE AND FORCES TO STRUCTUR INSTALLAT THE PROJE</li> </ol>	ACKDRAFT DAMPE URB VIBRATION ISC ACOUSTICS. COORE ED CURB HEIGHT A ND CURB TO UNIT ER SQUARE FOOT N SHOULD TRANSFEE D THE STEEL SUPPO AL DRAWINGS. CUI ION DETAILS MUST ECT'S STATE.	R. DIATION CUR DINATE WITH AND SLOPE. C SHOULD BE D WIND LOAD A R ALL OVERTI ORT FRAME D RB MANUFAC BE STAMPED	B AND RA ROOFING ONNECT ESIGNED PPLIED TO JRNING A DETAILED TURING A BY A PE	ALLING EQUAL CONTRACTOR ONS OF UNIT TO RESIST 50 D ANY VERTICAL ND SLIDING IN THE ND LICENSED IN										
		5. FAN AND C SELECTED NOTES:	URB TO HAVE KYN/ BY ARCHITECT DUI	AR FINISH TO RING THE SUI	MATCH C BMITTAL F	OLOR PHASE.										
		A. FAN SHALL	BE INTERLOCKED	WITH DISHW	ASHER CO	ONTROLS.							NOTE FOIL 1 TERM CABLI 26 GA BE EG BE SE SHALI PLENI FACE 2" X 2' SPAN DIFFU			
F													A MIN ANGL TO RC TAPPI			
L													GYPS BOAR			
5/1/2020 8:42:27 AM																

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2

											PM2.5 PM10 TV				TV	тиос									
6.2 Vent. t. (Ez)	OA to Zone (CFM) with Ez correction (Vbz/Ebz)	Max. Supply Air (CFM)	Minimum Supply Air (CFM)	Target OA CFM (IAQ Procedure)	VRP Return Air	IAQ Return Air	VRP Return Air Fraction	IAQ Return Air Fraction	Zone Height (Ft)	Activity Level	Flow Reduction Fraction	Maximum concentration (ug/m^3)	VRP concentration (ug/m^3)	IAQp concentration (ug/m^3)	Is IAQp OA CFM level acceptable? (Yes/No)	Maximum concentration (ug/m^3)	VRP concentration (ug/m^3)	IAQp concentration (ug/m^3)	Is reduced OA CFM level acceptable? (Yes/No)	Maximum concentration (ug/m^3)	VRP concentration (ug/m^3)	IAQp concentration (ug/m^3)	M <sup>^</sup> 3 Calcs	M^2 Calcs	Is IAQp OA CFM level acceptable? (Yes/No)
).8	1020	1800	900	510	780	1290	0.43	0.72	9.3	Sedentary	0.5	15	14.48	7.356365187	Yes	50.00	10.41900192	4.024488214	Yes	500	265.1566972	2.31806539	371	391.7588295	Yes
).8	1135	2000	1000	567	865	1433	0.43	0.72	9.3	Sedentary	0.5	15	14.49	7.361562497	Yes	50.00	10.42032099	4.023866949	Yes	500	265.2791371	2.322774946	450	460.6409301	Yes
).8	8	100	50	4	92	96	0.92	0.96	9.3	Sedentary	0.5	15	2.52	0.874096228	Yes	50.00	4.472305711	4.247009553	Yes	500	46.13558538	0.373871281	26	53.140516	Yes
).8	36	300	150	18	264	282	0.88	0.94	9,3	Sedentary	0.5	15	4.03	1.458995622	Yes	50.00	6.040919849	4.243613935	Yes	500	73.91868829	0.602666282	128	166.2262299	Yes
.8	89	800	400	44	711	756	0.89	0.95	9.3	Sedentary	0.5	15	3.69	1.324242341	Yes	50.00	5.735026508	4.244544611	Yes	500	67.71722972	0.551200508	311	338.4404673	Yes
A CFM A CFM with IAQ A CFM		5000	2500	1143	2712	3857																			
e		· · · · ·	Amr	nonia			Hydroge	n sulfide			Ben	zene			Tou	lene			Xyle	ene			V	DC	
Qp ntration PM)	Is IAQp OA CFM level acceptable? (Yes/No)	Maximum concentration (PPM)	VRP concentration (PPM)	IAQp concentration (PPM)	Is IAQp OA CFM level acceptable? (Yes/No)	Maximum concentration (PPM)	VRP concentration (PPM)	IAQp concentration (PPM)	Is IAQp OA CFM level acceptable? (Yes/No)	Maximum concentration (PPM)	VRP concentration (PPM)	IAQp concentration (PPM)	Is IAQp OA CFM level acceptable? (Yes/No)	Maximum concentration (PPM)	VRP concentration (PPM)	IAQp concentration (PPM)	Is IAQp OA CFM level acceptable? (Yes/No)	Maximum concentration (PPM)	VRP concentration (PPM)	IAQp concentration (PPM)	Is IAQp OA CFM level acceptable? (Yes/No)	VRP Cn/Tn < 1.0	IAQp Cn/Tn < 1.0	ls VRP Cn/Tn<1 (Yes/No)	Is IAQp Cn/Tn<1 (Yes/No)
569096	Yes	2.5	0	0	Yes	20	0.00	0.00	Yes	0.1	0.002160421	0.00171901	Yes	2	0.004570197	0.00	Yes	0.4	0	0	Yes	0.663153894	0	Yes	Yes
569755	Yes	3	0	0	Yes	20	0.00	0.00	Yes	0.1	0.002160928	0.001718498	Yes	2	0.00457159	0.00	Yes	0.4	0	0	Yes	0.663082848	0	Yes	Yes
23E-05	Yes	3	0	0	Yes	20	0.00	0.00	Yes	0.1	0.000373571	0.000577333	Yes	2	0.000791618	0.00	Yes	0.4	0	0	Yes	0.113767863	0	Yes	Yes
13907	Yes	3	0	0	Yes	20	0.00	0.00	Yes	0.1	0.000598537	0.000815942	Yes	2	0.001268335	0.00	Yes	0.4	0	0	Yes	0.182279495	0	Yes	Yes
12/24	Yes	3	0	0	Yes	20	0.00	0.00	Yes	0.1	0.000548323	0.000767542	Yes	2	0.001161927	0.00	Yes	0.4	U	U	res	0.166987033	U	Yes	Yes

1	SD-2
SER, (3) 1" USTABLE ITROLLERS	SLOT DIFFUSER, (6) 1" SLOTS, ADJUSTABLE PATTERN CONTROLLERS
ACE	SURFACE
NUM	ALUMINUM
NG COLOR	MATCH CEILING COLOR
2A	TYPE 2A
39	ML-39
DERS, PLENUM COLLAR	END BORDERS, INSULATED PLENUM WITH DUCT COLLAR
	OVAL REQUEST MUST BE

HE BLADES FORM A VIEW BLOCK.	

REST, SO THAT THE BLADES FORM A	

OUT WITH A DULL FINISH, NON-TOXIC,

			OUTSIDE AIR	CALCULATIO	N SCHEDULE					IONIZER	SCHEDULE						
EXISTING RTU-05										D	ESIGN PARAMET	ERS	ATMOSAI	R SYSTEMS		ELECTRICA	L
Ventilation Sizing Method Design Condition		ASHRAE Std Heating Opera	62.1-2013 ation							TAG	SERVICE	SUPPLY CFM	MODEL #	UNIT QUANTITY	V	Hz	AMPS / UNI
Occupant Diversity Uncorrected Ventilation Airflow System Ventilation Efficiency Design Ventilation Airflow Rate	w Rate e	3642 0.874 <b>455</b> 2	1 2 CFM 4 <b>2</b> CFM							BPI-01	EXISTING RTU-04	5,000	500EC	1	115	60	0.6
			Space Ve	ntilation Analy	sis Table					NOTES							
Zone Name / Space Name	Supply Air (CFM)	Floor Area (ft²)	Area OA Rate (CFM/ft²)	Time Averaged Occupancy (Occupants)	People OA Rate (CFM / person)	Air Distribution Effectiveness	Space OA (CFM)	Breathing Zone OA (CFM)	Space Ventilation Efficiency	1. IONIZEI FAN IS ENABLE	R TO BE LOCATE ENERGIZED AND ED CONTINOUSL	D IN THE DISCH SHALL RECEIVE Y BUT ONLY WH	ARGE DUCT OF E ITS POWER F EN THE FAN IS	THE RTU UNIT. I ROM THE RTU UN ENABLED. PROVI	ONIZER SHA IIT IT SERVES DE CONTRO	LL BE ENABLE 5. IONIZER SH/ L RELAY INTEF	D ANYTIME THE ALL NOT BE RLOCKED WITH
	(V <sub>pz</sub> )	(A <sub>z</sub> )	(R <sub>a</sub> )	(P <sub>z</sub> )	(R <sub>p</sub> )	(E <sub>z</sub> )	(V <sub>oz</sub> )	(V <sub>bz</sub> )	(E <sub>vz</sub> )		JR FAN.						
Dining Area Exhibition A158	9384 618	5700 510	0.18 0.12	285 2	7.5 7.5	0.8 0.8	3954 95	3164 76	0.874 1.141								
Serving A159 Totals	2335 12337	2980 9190	0.12	6 293	7.5	0.8	503 4552	403 3643	1.08 0.874								

![](_page_17_Figure_10.jpeg)

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m	ds
Aechanical Des	ign Services, Inc
100 Chu (256) 53	urch St. SW, Suite 650, Huntsville, AL 35801 34-5150 mds@mdseng.com

![](_page_17_Figure_14.jpeg)

![](_page_17_Picture_15.jpeg)

![](_page_18_Figure_2.jpeg)

![](_page_18_Picture_3.jpeg)

![](_page_18_Picture_6.jpeg)

GRAPHIC SCALE: 1/8" = 1'-0" 0 2' 4' 6' 8' 12' 16' 24'

![](_page_18_Picture_10.jpeg)

![](_page_19_Figure_0.jpeg)

![](_page_19_Figure_1.jpeg)

![](_page_19_Figure_3.jpeg)

NEW WORK - WASTE & VENT

 PLUMBING FLOOR PLAN

 1/8" = 1'-0"

![](_page_19_Picture_6.jpeg)

GRAPHIC SCALE: 1/8" = 1'-0"

				· · · · <b>—</b>	
		RE CONNECTION			2
		RE WASTE	CW	HW	HWR
P-1 P-2	SINGLE COMPARTMENT	1-1/2"           SINK         2"	1/2"	1/2" 1/2"	
P-3 P-4	DISHWASHER WATER SUPPLY WALL B	2" OX	1/2" 1/2"	1/2"	
P-5 P-6	FLOOR SINK		3/4"	3/4"	
P-7	HOSE REEL		3/4"	3/4"	
NOTES			1/2		
1. CO AR	ORDINATE MOUNTING HEIGH CHITECTURAL DRAWINGS.	IT OF ALL WALL MOUN	NTED FIXT	JRES WIT	H THE
2. CO WIT EM 3. BAG CO CR 4. FLL OF	ORDINATE MOUNTING HEIGH I'H GRAB BARS AND ACCESS( PEDED BY ANY OBSTRUCTIO CK TO BACK LAVATORIES, UF NNECTED WITH A COMBINAT OSSES SHALL NOT BE ALLOV JSH VALVE HANDLE SHALL BI THE TOILET STALL FOR ADA	IT OF ALL SENSOR OF ORIES SO THAT SENS INS. RINALS, WATER CLOSI TON WYE & 1/8 BEND. VED. E INSTALLED ON THE INSTALLATIONS.	VERATED F OR OPERA ETS, ETC. SANITARY WIDE SIDE	SHALL BE TEES /	DE)

![](_page_20_Figure_3.jpeg)

![](_page_20_Picture_6.jpeg)

GRAPHIC SCALE: 1/8" = 1'-0" 0 2' 4' 6' 8' 12' 16' 24'

![](_page_21_Figure_0.jpeg)

![](_page_21_Figure_1.jpeg)

![](_page_21_Figure_2.jpeg)

![](_page_21_Picture_3.jpeg)

1		

		PLUMBING FIXTURE CON	NECTION	SCHED	ULE				WATER HA	AMMER	ARRES	FOR SCHEDU	LE
	FIXTURE TAG	TYPE OF FIXTURE	WASTE		TION SIZE	ES HW/R		MARK	MANUFACTURER	SERIES	SIZE	FIXTURE UNIT CAPACITY	CONNECTION SIZE
	P-1	HAND SINK	1-1/2"	1/2"	1/2"			A B	SIOUX CHIEF	650 650	100 200	1 - 11 12 - 32	3/4" 3/4"
	P-2 P-3	SINGLE COMPARTMENT SINK DISHWASHER	2"	1/2" 1/2"	1/2" 1/2"					650	300	33 - 60	1"
	P-4 P-5	WATER SUPPLY WALL BOX		1/2"				Ē	SIOUX CHIEF	650	500	114 - 154	1 1"
Α	P-6	DISPOSER		3/4"	3/4"			F	SIOUX CHIEF	650	600	155 - 330	1"
	P-7 P-8	HOSE REEL TRAP PRIMER		3/4" 1/2"	3/4"			1. WA	TER HAMMER ARRI				
	NOTES:							FOF	R INSTALLING ADDI IPC, LOCAL CODE A	TIONAL AR	RESTORS	ACTOR SHALL BE AS NECESSARY URER'S INSTALL	TO CONFORM
	1. COOR ARCH 2. COOR WITH EMPE 3. BACK CONN CROS 4. FLUSH OF TH	2DINATE MOUNTING HEIGHT OF ALL ITECTURAL DRAWINGS. 2DINATE MOUNTING HEIGHT OF ALL GRAB BARS AND ACCESSORIES SC DED BY ANY OBSTRUCTIONS. TO BACK LAVATORIES, URINALS, W ECTED WITH A COMBINATION WYE SES SHALL NOT BE ALLOWED. I VALVE HANDLE SHALL BE INSTALL IE TOILET STALL FOR ADA INSTALLA	WALL MOUN SENSOR OPI THAT SENSO (ATER CLOSE & 1/8 BEND. S LED ON THE V ATIONS.	TED FIXT ERATED OR OPER ETS, ETC. SANITAR' WIDE SID	URES WIT FLUSH VA ATION IS I SHALL BE Y TEES / E (OPEN S	TH THE NOT E SIDE)		2. ARF OF BEI 3. PRC	QUIREMENTS BASE ANTITY OF FIXTURE RESTORS SPECIFIE THE HOT AND COLI INSTALLED WHEN F OVIDE AN ISOLATIO	D ON THE UNITS ON D ARE RA D WATER I PIPING IS T	LENGTH C N EACH BR TED FOR T PIPING SYS TESTED.	THE REQUIRED TE STEMS. ALL ARRE	EST PRESSURES ESTORS SHALL NSTALLED.
В													
С									1/2" © CW 1/2" © CW 1 1/2" © HW 2 1/2	EXIST. 120	P-8	P-5 (4")	-1"ø HWR EXI
D			P-5 (3")	P-5 (	3")		P-5 (3' 1/2"ø CW P-8	") -1/2"ø HV -1/2"ø CV	P-8 A <sup>V</sup> 0 CN V P-1 V P-1 V P-1 V P-1 V P-1 V P-1 V P-4 V P-4	A 1/2 1/2 1/2 CW	"ø HW "ø CW "ø CW	SERVICE VALVE (	TYPICAL).
E						*****	P-2 P-4 P-5 (3")	P-4 5 (4")		P-5	5 (3")		
5/1/2020 8:42:55 AM													

![](_page_22_Figure_7.jpeg)

# Riser Diagram - Cold Water PLUMBING RISER DIAGRAM NOT TO SCALE

![](_page_22_Picture_10.jpeg)

![](_page_23_Figure_0.jpeg)

## - FINISHED FLOOR SLOPED TO FLOOR

- CLAMP COLLAR.

- SEEPAGE PAN.

![](_page_23_Figure_7.jpeg)

![](_page_23_Figure_8.jpeg)

![](_page_23_Figure_9.jpeg)

- SEAL AROUND PIPE SLEEVE

![](_page_23_Picture_14.jpeg)

![](_page_23_Figure_15.jpeg)

VALVE EXTENSION HANDLE KIT . INSULATION SHALL SEAL

![](_page_24_Figure_0.jpeg)

![](_page_24_Figure_1.jpeg)

![](_page_24_Picture_5.jpeg)

![](_page_24_Picture_6.jpeg)

![](_page_25_Figure_0.jpeg)

![](_page_25_Picture_4.jpeg)

	LIGHTING	AUXILIA
	RECESSED OR SURFACE MOUNTED LIGHT FIXTURE	✓ VOICE/DATA OK – DOUBLE GANG OUTLET BO PROVIDE 1" CONDUIT STUBBED UP TO ABOVE TERMINATED WITH SMOOTH BUSHING, AND PRO
	RECESSED OR SURFACE MOUNTED LIGHT FIXTURE CONNECTED TO EMERGENCY POWER SOURCE OR WITH BATTERY BACK-UP	VOICE/DATA ROUGH-IN - MOUNTED ABOVE C WITH SINGLE GANG MUD PLATE - PROVIDE 1" NEAREST ACCESSIBLE CEILING, TERMINATED W PULLWIRE.
	RECESSED MOUNTED LIGHT FIXTURE	← CABLE TV ROUGH-IN - MOUNTED ABOVE COU SINGLE GANG MUD PLATE - PROVIDE 3/4" C
Α	<ul> <li>RECESSED MOUNTED LIGHT FIXTURE CONNECTED TO EMERGENCY POWER SOURCE</li> <li>DECORATIVE PENDANT FIXTURE</li> </ul>	Sex EXISTING SPEAKER - CEILING MOUNTED.
	WALL MOUNTED LIGHT FIXTURE	
	WALL MOUNTED SINGLE FACE EXIT SIGN WITH DIRECTIONAL CHEVRONS AS INDICATED BY ARROWS	FIRE ALARM CONTROL PANEL - INTELLIGENT
	SWITCHES	CENTERLINE. PANEL SHALL BE FURNISHED WIT • PROVIDE FACTORY INSTALLED BATTERY E SUPPRESSION DEVICE IN FACP.
	S SINGLE POLE SWITCH, 20A, 125/277V, A.C. TYPE. S2 TWO POLE SWITCH, 20A, 125/277V., A.C. TYPE	<ul> <li>CONTRACTOR SHALL PROVIDE TWO (2) IN MINIMUM) FROM NEAREST AUXILIARY BAC CABLE SHALL BE INSTALLED IN 3/4" EM REQUIRED BY FIRE ALARM TECHNICIAN.</li> </ul>
	S3 THREE-WAY SWITCH, 20A, 125/277V, A.C. TYPE.	FURNISH AND INSTALL INTEGRAL WEB SE     DOOR HOLD OPEN - PROVIDE 4" SOLIARE FLI
	S4 FOUR-WAY SWITCH, 20A, 125/277V, A.C. TYPE. Sa SUBSCRIPT LISTOR IDENTIFIES LIGHTING FIXTURES CONTROLLED. SWITCH TO BE SINGLE, TWO POLE OR THREE FOUR WAY AS MARKED	J DOOR HOLD OF LINE TROVIDE 4 SQUARE FLY
	SD WITH ON-OFF TOGGLE SWITCH	FIRE ALARM
	SK KEYED SWITCH FOR FIRE DOOR - A.C. TYPE, SINGLE POLE, 20A, 125/277V.	1. FIRE ALARM CONTRACTOR TO INCLUDE IN BID PRI REQUIRED SO THAT FINAL ROOM NUMBERS (PER
	S RAISE-STOP-LOWER SWITCH	2. ELECTRICAL CONTRACTOR TO FURNISH POINT TO ELECTRICAL CONTRACTOR TO FURNISH POINT TO ELECTRICAL ARM MANUFACTURER WITH FIRE ALARM S
	NOTE: SWITCHES ARE TO BE INSTALLED ON STRIKE SIDE OF DOOR UNLESS SPECIFICALLY NOTED OTHERWISE. VERIFY ALL DOOR SWINGS WITH ARCHITECTURAL DRAWINGS PRIOR TO ROUGHING—IN.	POINT WIRING DIAGRAMS SHALL INCLUDE ALL WIRI SIZES. REQUIRED WIRING DIAGRAMS SHALL BE FU SUBMITTAL PACKAGE. SUBMITTAL PACKAGES WITH REQUIRED MAINTENANCE AND EXPANSION INFORM/ NOT BE ACCEPTED
В	POWER	3. ELECTRICAL CONTRACTOR SHALL COORDINATE ALL FIRE ALARM SYSTEM SUBCONTRACTOR PRIOR TO ELEVISH AND INSTALL ALL REQUIRED 1200/ CIRCL
	📨 RECEPTACLE PANEL – SURFACE MOUNTED.	4. WHERE EXPOSED, ALL FIRE ALARM CABLING SHAL
	RECEPTACLE PANEL - FLUSH MOUNTED.	5. FIRE ALARM SYSTEM CONTRACTOR SHALL FURNIS
	LIGHTING PANEL – SURFACE MOUNTED.	BE LABELED WITH THE DEVICE NUMBER AND THE STATION(S) SHALL BE LOCATED IN AN ACCESSIBL 6. THE FIRE ALARM SYSTEM CONTRACTOR SHALL FU
	DISTRIBUTION OR POWER PANEL - SURFACE MOUNTED.	ON ALL NOTIFICATION APPLIANCES IN THE WEIGHT ASSOCIATED LOCKER ROOMS AND ELSEWHERE AS 7. THE ELECTRICAL CONTRACTOR SHALL COORDINATE
	FUSED DISCONNECT SWITCH.	PROTECTION SYSTEM VALVES WITH THE FINAL FIR PRIOR TO BIDDING AND/OR ROUGHING. AT EACH SHALL PROVIDE FIRE ALARM SYSTEM CONNECTION SWITCHES (FURNISHED AND INSTALLED BY OTHER:
	- NON-FUSED DISCONNECT SWITCH.	<ol> <li>BUCT MOUNTED SMOKE DETECTORS TO BE FURNIS CONTRACTOR AND INSTALLED BY THE MECHANICA ARE FOR REFERENCE ONLY, COORDINATE EXACT L AND PLUMBING EQUIPMENT PLANS AND RESPECTIVE</li> </ol>
	ENCLOSED CIRCUIT BREAKER – SURFACE MOUNTED.	9. SUBMIT FIRE ALARM SHOP DRAWINGS TO THE AU
	COMBINATION STARTER/DISCONNECT (SIZE AS SHOWN ON PLANS).	COMMENTS. NO ADDITIONAL COST FOR MEETING E WILL BE ALLOWED.
	RECEPTACLES	ABBREVIAT
	→ DUPLEX RECEPTACLE, 20A, 125V., 3 WIRE, GROUNDING TYPE.	3RNEMA3RENCLOSUREEXRTRAINTIGHTENCLOSUREEP
С	$\Rightarrow$ DUPLEX RECEPTACLE, 20A, 125V., 3 WIRE, GROUNDING TYPE MOUNTED ABOVE COUNTER.	WP     WEATHERPROOF     XR       UON     UNLESS OTHERWISE NOTED     XRR
	DOUBLE DUPLEX RECEPTACLE, 20A, 125V., 3 WIRE, GROUNDING TYPE.	EM EMERGENCY XRL NL NIGHT LIGHT XRF
	DUPLEX RECEPTACLE WITH GROUND FAULT INTERRUPTER, 20A, 125V., 3 WIRE, GROUNDING TYPE.	AFF ABOVE FINISHED FLOOR AFG ABOVE FINISHED GRADE XRT
	DUPLEX RECEPTACLE WITH GROUND FAULT INTERRUPTER AND WEATHERPROOF COVER, 20A, 125V., 3 WIRE, GROUNDING TYPE.	WG WIRE GUARD DT NIC NOT IN CONTRACT IR
	DUPLEX RECEPTACLE WITH GROUND FAULT INTERRUPTER, 20A, 125V., 3 WIRE, GROUNDING TYPE - MOUNTED ABOVE COUNTER.	PIR PASSIVE INFRARED
	DOUBLE DUPLEX RECEPTACLE WITH GROUND FAULT CIRCUIT INTERRUPTER, 20A, 125V., 3 WIRE, GROUNDING TYPE.	
	- DOUBLE DUPLEX RECEPTACLE, 20A, 125V., 3 WIRE, GROUNDING TYPE - MOUNTED ABOVE COUNTER.	
	DUPLEX RECEPTACLE, 20A, 125V., 3 WIRE, GROUNDING TYPE, WITH (2) USB OUTLETS.	
	<ul> <li>EXISTING OUTLET BOX WITH BLANK COVER.</li> </ul>	
	SPECIAL PURPOSE RECEPTACLE. SEE PLANS FOR DESCRIPTION, LOCATION, AND CHARACTERISTICS.	
	- JUNCTION BOX.	
	<ul> <li>JUNCTION BOX, WALL MOONTED WITH FLEX CONNECTION TO EQUIPMENT.</li> <li>JUNCTION BOX CEILING MOUNTED.</li> </ul>	
D	o RISER – UP	
	<ul> <li>RISER – UP</li> <li>RISER – DOWN</li> </ul>	

LIARY	BRANCH CIRCUITS			
T BOX WITH SINGLE GANG MUD PLATE - BOVE NEAREST ACCESSIBLE CEILING, D PROVIDE PULLWIRE.	BRANCH CIRCUIT - ROUTED ABOVE CEILING OR IN WALL (SEE SPECIFICATIONS)			
OVE COUNTER – DOUBLE GANG OUTLET BOX DE 1" CONDUIT STUBBED UP TO ABOVE ED WITH SMOOTH BUSHING, AND PROVIDE	HOMERUN TO PANELBOARD - ANY CIRCUIT WITHOUT FURTHER DESIGNATION IS (2) #12, 1#12 G., 3/4" C.	OR TO CUT AND		
E COUNTER — SINGLE GANG OUTLET BOX WITH /4" CONDUIT STUBBED UP TO ABOVE NEAREST SMOOTH BUSHING, AND PROVIDE PULLWIRE.	(4) #12, 1#12 G., 3/4" C. (6) #12, 1#12 G., 3/4" C. AS PER N.E.C. BRANCH CIRCUIT – EXPOSED (SEE SPECIFICATIONS).			
	EQUIPMENT HOMERUN - ANY CIRCUIT WITHOUT FURTHER DESIGNATION IS:			
LARM	3#12, 1#12 G., $3/4$ C. AS PER N.E.C.		TYPE	DESCR
ENT ADDRESSABLE ANALOG FIRE DETECTION RY SURFACE MOUNTED AT 5'-0" TO D WITH THE FOLLOWING:	EMPTY CONDUIT WITH NYLON PULL STRING FEEDER – OVERHEAD			
ERY BACKUP AND FACTORY INSTALLED SURGE (2) INDEPENDENT TELEPHONE LINES (CAT 5e Y BACKBOARD TO FIRE ALARM CONTROL PANEL.	BRANCH CIRCUIT WIRING FOR LIGHTING AND POWER IS SHOWN SCHEMATICA ELECTRICAL DEVICE IS TO BE INSTALLED WITH AN INDIVIDUAL CONDUIT CON FOR EXAMPLE:	ALLY. EACH NNECTION.	P1	24" DIA. ARCHITECTURAL LE TO SELECT DIFFUSER AND
4" EMT (RED) CONDUIT AND TERMINATED AS AN. EB SERVER ACCESS CARD.	<u>REQUIRED</u> INSTALLATION	REQUIRED -		
E FLUSH MOUNTED BACKBOX.	SCHEMATIC JUNCTION BOX ABOVE CEILING	<b>O</b>	P2	42" DIA. ARCHITECTURAL LE TO SELECT DIFFUSER AND
			R1	6" DIA. RECESSED LED DO\
RMINOTES				
D PRICE ALL SYSTEM PROGRAMMING AS PER THE APPROVED OWNERS SIGNAGE TEM DEVICE AND MATCH BUILDING	CONDUIT IN WALL IN WALL	ABOVE FINISHED FLOOR	R2	2'x4' DIRECT/INDIRECT RECE MINIMUM 5,500 LUMENS.
TO POINT WIRING DIAGRAM BY THE RM SYSTEM SUBMITTALS. POINT TO WIRING INFORMATION AND CONDUIT E FURNISHED WITH THE ELECTRICAL WITHOUT THESE DRAWINGS AND THE FORMATION (SEE SPECIFICATIONS) WILL	PVC TO- IMC SLAF	IERUN TO EL BELOW B.	R3	2'x4' DIRECT/INDIRECT RECE MINIMUM 5,000 LUMENS.
E ALL WIRING REQUIREMENTS WITH THE TO BIDDING AND/OR ROUGHING. CIRCUITS FOR EXTENDER PANELS, C PANELS FTC	OUTLET LOCATIONS		<b>D</b> 4	2'x4' DIRECT/INDIRECT RECE
SHALL BE INSTALLED IN CONDUIT, 3/4" CONDUITS SHALL BE RED TRUE COLOR			<b>K</b> 4	MINIMUM 4000 LUMENS.
JRNISH AND INSTALL REMOTE TEST DETECTORS. THESE STATIONS SHALL THE UNIT NUMBER. THE REMOTE TEST SSIBLE LOCATION IN THE CORRIDORS.			R5	6" DIA. RECESSED LED DO\
L FURNISH AND INSTALL WIRE GUARDS EIGHT ROOM, GYMNASIUMS, AND E AS CALLED FOR ON THE PLANS.			W2	DECORATIVE WALL SCONC
NATE LOCATIONS FOR ALL FIRE L FIRE PROTECTION SYSTEM PLANS ACH CONTROL VALVE, THE CONTRACTOR CTIONS TO THE FLOW AND TAMPER				
URNISHED BY THE ELECTRICAL ANICAL CONTRACTOR. LOCATIONS SHOWN ACT LOCATION WITH THE MECHANICAL	W▼SCR       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I		Х	LED EXIT LIGHT. ARCHITECT COLORING.
E UNITS BY THE FIRE ALARM CONTROL			GENERAL	<u>NOTES:</u>
E AUTHORITY HAVING JURISDICTION ENGINEER OF ANY EXCEPTIONS OR ING EXCEPTIONS AND OR COMMENTS	$\begin{bmatrix} \cdot^4 \\ \cdot \\ \cdot \\ \cdot \end{bmatrix} \oplus \oplus \oplus \oplus \oplus = \blacksquare \blacksquare$		A.	MANUFACTURER CATALOG GUARANTEE APPROVAL OF SIMILAR DESIGN AND CONS
CONTINGENCY ITEMS.	42" OR - 2" ABOVE		в	ARE NOT APPROVED.
IATIONS	BACKSPLA	SH	C.	PROVIDE PROPER LAMP FO
EX EXISTING TO REMAIN	│ <u> </u>		D.	VERIFY CONSTRUCTION AN INSTALLATION.
XR EXISTING DEVICE TO BE REMOVED	OUTLET LOCATION NOTES:		E. F.	EXIT LIGHTS SHALL BE PRO
XRR EXISTING DEVICE TO BE RELOCATED	A. ALL DIMENSIONS ARE TO TOP OR BOTTOM OF BOX AS SHOWN. B. WHERE OUTLETS ARE SHOWN TO BE MOUNTED ABOVE COUNTER (AC). TH	HE F.C. SHALL	G. H.	PROVIDE DEVICES FOR SE FURNISH LINEAR LUMINAIRI
XRP EXISTING DEVICE TO BE REMOVED AND	REFERENCE THE ARCHITECTURAL AND/OR CASEWORK DRAWINGS AND RO DEVICE 6" ABOVE THE COUNTER SURFACE TO THE BOTTOM OF THE BOX	UGH-IN EACH		
XRT EXISTING DEVICE TO BE RETROFITTED	C. SYMBOLS ON DRAWINGS AND MOUNTING HEIGHTS AS INDICATED ARE APPRICATED. THE EXACT LOCATIONS AND MOUNTING HEIGHTS MUST BE DETER	PROXIMATE MINED ON THE		
DT DUAL TECHNOLOGY	TRADES TO SECURE CORRECT INSTALLATION: DE OVER COUNTERS, IN O SPLASHES, IN STOP WALLS, AND OTHER SPECIFIC CONSTRUCTION FEATU	Ř ABOVE BACK Res.		
IR INFRARED				COMcheck
	MOUNT ALL RECEIPTOLES VERTICAL WITH GROUND SLUT FACING UF.	]	ľ	Interior L

![](_page_26_Picture_2.jpeg)

![](_page_26_Picture_3.jpeg)

	LIGHTING FIXTURE SCHEDULE											
	MOUN	NTING				L.E.D.						
DESCRIPTION	TYPE	HEIGHT	MANUFACTURER	CATALOG NUMBER	LUMENS	COLOR	DRIVER QTY / TYPE	VOLTS	TOTA WATT			
			CAMMAN LIGHTING	P1003-24-LN-35K-CLV-MV-WM-STBD								
		COORD.	METALUX	MUST SUBMIT APPROVED EQUAL TO ENGINEER								
FFUSER AND FINISH TYPE.	CEILING	WITH ARCH.			5,500	3500K	1	277	75			
		DRAWINGS										
			LITHONIA	MUST SUBMIT APPROVED EQUAL TO ENGINEER								
			CAMMAN LIGHTING	P1003-42-LN-35K-CLV-MV-XX-STBD								
ITECTURAL LED PENDANT. ARCHITECT		COORD.	METALUX	MUST SUBMIT APPROVED EQUAL TO ENGINEER	10 750	05001/		077				
FFUSER AND FINISH TYPE.	CEILING	WITH ARCH.	COLUMBIA	MUST SUBMIT APPROVED EQUAL TO ENGINEER	19,750	3500K	1	277	210			
				MUST SUBMIT APPROVED FOUND TO ENGINEER								
		COORD.										
SED LED DOWNLIGHT.	RECESSED	WITH ARCH.			4,000	3500K	1	277	40.7			
		DRAWINGS										
			ΜΕΤΔΙΙΙΧ	24C7-LD5-55-LINIV-L835-CD1-LL								
		COORD.										
DLUMENS.	RECESSED	WITH ARCH.			5,504	3500K	1	277	45.8			
		DRAWINGS										
			METALUX	24C7-LD5-50-UNV-L835-CD1-U								
IDIRECT RECESSED TROFFER WITH		COORD.										
DLUMENS.	RECESSED	WITH ARCH.	HE WILLIAMS	APPROVED EQUAL	4,988	3500K	1	277	40.7			
		DRAWINGS	LITHONIA	APPROVED EQUAL								
			METALUX	24CZ-LD5-40-UNV-L835-CD1-U								
IDIRECT RECESSED TROFFER WITH		COORD.	COLUMBIA	APPROVED EQUAL								
LUMENS.	RECESSED	WITH ARCH.	HE WILLIAMS	APPROVED EQUAL	3,964	3500K	1	277	29			
		DRAWINGS	LITHONIA	APPROVED EQUAL								
			HALO	HC615D010-HM612835-61WDC								
		COORD.	PRESCOLITE	APPROVED EQUAL	1 500	050014		077				
SED LED DOWNLIGHT.	RECESSED		HE WILLIAMS	APPROVED EQUAL	1,500	3500K	1	211	14.9			
		DIVAWINGO	LITHONIA	APPROVED EQUAL								
			ALW	K3SU-N1V-13833510NN-20833560NN-XX								
WALL SCONCE. ARCHITECT TO SELECT			METALUX	MUST SUBMIT APPROVED EQUAL TO ENGINEER	1300 UP/	25001/	1	277	20.0			
	VVALL	EXISTING	COLUMBIA	MUST SUBMIT APPROVED EQUAL TO ENGINEER	2000 DOWN	2000K			50.0			
			HE WILLIAMS	MUST SUBMIT APPROVED EQUAL TO ENGINEER								
		000000	SURE LITES	APXH7X								
T. ARCHITECT TO SELECT LETTER			DUAL LITE	APPROVED EQUAL	_	-	1	277	1 67			
		DRAWINGS	HE WILLIAMS	APPROVED EQUAL	_	-			1.02			

ER CATALOG NUMBERS ARE SHOWN FOR GENERAL DESCRIPTIVE PURPOSES AND TO ESTABLISH A STANDARD OF QUALITY. MANUFACTURERS LISTED AS "EQUAL" DOES NOT ENSURE NOR APPROVAL OF ANY PRODUCT BY THE LISTED MANUFACTURER. FOR APPROVAL, FIXTURES MUST PROVIDE EQUAL PERFORMANCE RELATIVE TO DELIVERY OF LIGHTING, ENERGY USE, AND BE OF GN AND CONSTRUCTION. REQUESTS FOR PRIOR APPROVAL OF FIXTURES NOT LISTED IN THIS SCHEDULE MUST BE RECEIVED BY THE ENGINEER A MINIMUM OF 10 DAYS PRIOR TO BID (SEE NS) FOR REVIEW BY THE ARCHITECT/ENGINEER. MANUFACTURERS APPROVAL THROUGH THIS PROCESS WILL BE LISTED IN AN ADDENDUM PRIOR TO BID. FIXTURES NOT LISTED IN AN ADDENDUM

APPROVED EQUAL

SHALL PROVIDE LUMINAIRES COMPLETE WITH ALL OPTIONS AND ACCESSORIES REQUIRED FOR A COMLPETE INSTALLATION. ALL PRODUCTS SHALL BE U.L. LISTED.

PER LAMP FOR REFLECTOR ASSEMBLY SPECIFIED AND AS RECOMMENDED BY LUMINAIRE MANUFACTURER. TRUCTION AND TYPE CEILINGS TO BE INSTALLED AND PROVIDE LUMINAIRES IN APPROPRIATE CONFIGURATION WITH ALL HARDWARE AND ACCESSORIES REQUIRED FOR A COMPLETE AND PROPER

INAIRES WITH JOINING PLATES, END CAPS, CANOPIES, MOUNTING HARDWARE, ETC., AS REQUIRED FOR COMPLETE INSTALLATION.

Report date: 04/30/20

LITHONIA

HALL BE PROVIDED WITH RED LETTERS REQUIRED BY LOCAL CODE AUTHORITY. FURNISH WITH CHEVRON DIRECTIONAL INDICATORS AS INDICATED AND/OR AS REQUIRED. ICES FOR SECURING LAY-IN TYPE LUMINAIRES TO CEILING GRID TO COMPLY WITH ARTICLE 410 OF THE NATIONAL ELECTRICAL CODE.

AR LUMINAIRES IN CONTINUOUS ROWS OR PATTERNS AS INDICATED ON DRAWINGS. PROVIDE WITH CORNER, ANGLE, AND END PIECES AS REQUIRED FOR A COMPLETE FINISHED INSTALLATION.

terior Lighting PASSES

### Mcheck Software Version 4.1.1.0

Project Information

Project Title: Alabama A&M University Knight Complex Cafeteria Renovation

Data filename: P:\2018\18FPA07 - Alabama A&M Knight Cafeteria Expansion\04 - Design\11 - ComCheck\Knigh Page 1 of 6 Cafeteria.cck

Lighting	Compliance	Certificate
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Interior Lighting Compliance Statement	1		
Compliance Statement: The proposed interior building plans, specifications, and other calcula systems have been designed to meet the 90.1 any applicable mandatory requirements listed	lighting alteration project ations submitted with this (2013) Standard requiren in the Inspection Checklis	represented in this d permit application. T nents in COM <i>check</i> V t.	locument is consistent with the he proposed interior lighting ersion 4.1.1.0 and to comply with
Jamie Bailey - Project Engineer	Jame	Juley	4/30/2020
Name - Title	Signature	)	Date

Project Title: Alabama A&M University Knight Complex Cafeteria Renovation

Cafeteria.cck

Data filename: P:\2018\18FPA07 - Alabama A&M Knight Cafeteria Expansion\04 - Design\11 - ComCheck\Knigh Page 2 of 6

Report date: 04/30/20

	90.1 (2013) Standard				
Project Title:	Alabama A&M University Knight Comple	ex Cafeteria Ren	ovation		
Project Type:	Alteration				
Construction Site: 4900 Meridian Street North Normal, AL 35810	Owner/Agent: Alabama A&M University Normal, AL	Designer/C Jamie Ba Consultir Engineer 1028 23r Birmingh 205-352- jbailey@e	ontractor: iley ing Construct ing rd Street No am, AL 352 2500 cce-eng.con	tion rth 05 n	
Allowed Interior Lighting Pov	ver				
Are	A a Category F	B loor Area (ft2)	C Allowed Watts / ft	Allo 2	D wed Watts (B X C)
1-Dining Area (Common Space Types:	Dining Area - Cafeteria/Fast Food)	7470	0.65		4856
[바르 ] 실패하지 않는 것은 것은 이 중요즘이 것 같은 것이라고 있는 것은 것은 것 같은 것이 같이 많이 많이 많이 없는 것 같이 않는 것 않는 것 않는 것 같이 않는 것 않는 것 않는 것 같이 않는 것 않는 것 같이 않는 것 같이 않는 않는 것 않는 것 같이 않는 것 같이 않는 것 않는 것 같이 않는 것 같이 않는 것 같이 않는 것 같이 않는 것 않는 것 같이 않는 것 않는 것 같이 않는 것 않는 것 같이 않는 것 않는 것 않 않는 것 않는 것 같이 않는 것 같이 않는 것 않는 것 같이 않는 것 않는 것 않는 것 같이 않는 것 같이 않는 것 않는 것 않는 것 않는 것 않는 것 않는 것 않는 않는 것 않는 않는 것 않는 않는 것 않는 않는 것 않는 않는 것 않는 않는 것 않 않이 않는 것 않 않 않 않는 않 않 않는 않 않이 않 않 않이 않 않는 않이 않이 않는 않는 않		5539	1 21		6702
2-Serving Area (Common Space Types		To	tal Allowed W	/atts =	11558
2-Serving Area (Common Space Types Proposed Interior Lighting Po Fixture ID : Descriptio	ower A Don / Lamp / Wattage Per Lamp / Ballast	Tol B Lamps/ Fixture	tal Allowed W C # of Fixtures	D Fixture Watt.	11558 E (C X D)
2-Serving Area (Common Space Types Proposed Interior Lighting Po Fixture ID : Descriptio Dining Area ( Common Space Typ	ower A on / Lamp / Wattage Per Lamp / Ballast es:Dining Area - Cafeteria/Fast Food 7470 sq.f	Tol B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	11558 E (C X D)
2-Serving Area (Common Space Types Proposed Interior Lighting Po Fixture ID : Description Dining Area ( Common Space Typ LED 1: P1: Decorative 24" LED Pen	ower A on / Lamp / Wattage Per Lamp / Ballast es:Dining Area - Cafeteria/Fast Food 7470 sq.f dant: Other:	Tol B Lamps/ Fixture t.) 1	C # of Fixtures	/atts = D Fixture Watt. 75	11558 E (C X D) 150
2-Serving Area (Common Space Types Proposed Interior Lighting Po Fixture ID : Description Dining Area ( Common Space Typ LED 1: P1: Decorative 24" LED Pen LED 2: P2: Decorative 42" LED Pen LED 2: P2: Decorative 42" LED Pen	ower A on / Lamp / Wattage Per Lamp / Ballast es:Dining Area - Cafeteria/Fast Food 7470 sq.f dant: Other: dant: Other:	Tol B Lamps/ Fixture t.) 1	C # of Fixtures	/atts = D Fixture Watt. 75 210	11558 E (C X D) 150 1260
2-Serving Area (Common Space Types Proposed Interior Lighting Po Fixture ID : Descriptio Dining Area ( Common Space Typ LED 1: P1: Decorative 24" LED Pen LED 2: P2: Decorative 42" LED Pen LED 3: R1: 6" 4000 Lumen LED Dov LED 3: R1: 6" 4000 Lumen LED Dov	A Second Preparation) A Son / Lamp / Wattage Per Lamp / Ballast es:Dining Area - Cafeteria/Fast Food 7470 sq.f dant: Other: dant: Other: wnlight: LED Other Fixture Unit 40W: wnlight: LED Paged 44W:	Tol B Lamps/ Fixture t.) 1 1	C # of Fixtures	/atts = D Fixture Watt. 75 210 41 46	11558 E (C X D) 150 1260 407 770
2-Serving Area (Common Space Types Proposed Interior Lighting Po Fixture ID : Descriptio Dining Area ( Common Space Typ LED 1: P1: Decorative 24" LED Pen LED 2: P2: Decorative 42" LED Pen LED 3: R1: 6" 4000 Lumen LED Dov LED 4: R2: 2X4 Troffer (5500 Lume LED 6: R4: 2X4 Troffer (500 Lume	A Scrood Preparation) A Don / Lamp / Wattage Per Lamp / Ballast es:Dining Area - Cafeteria/Fast Food 7470 sq.f dant: Other: dant: Other: wnlight: LED Other Fixture Unit 40W: wnlight: LED Panel 44W: as: LED Panel 44W:	Tol B Lamps/ Fixture t.) 1 1 1 1	C # of Fixtures 2 6 10 17 41	/atts = D Fixture Watt. 75 210 41 46 29	11558 E (C X D) 150 1260 407 779 1189
2-Serving Area (Common Space Types Proposed Interior Lighting Po Fixture ID : Descriptio Dining Area ( Common Space Typ LED 1: P1: Decorative 24" LED Pen LED 2: P2: Decorative 42" LED Pen LED 3: R1: 6" 4000 Lumen LED Dow LED 4: R2: 2X4 Troffer (5500 Lume LED 6: R4: 2X4 Troffer (4000 Lume) LED 7: R5: 6" 1500 Lumen LED Dow	A Don / Lamp / Wattage Per Lamp / Ballast es:Dining Area - Cafeteria/Fast Food 7470 sq.f dant: Other: dant: Other: wnlight: LED Other Fixture Unit 40W: ms): LED Panel 44W: ms): LED Panel 33W: wnlight: LED A Lamp 13W:	Tol B Lamps/ Fixture t.) 1 1 1 1 1 1	2 6 10 17 41 5	/atts = D Fixture Watt. 75 210 41 46 29 15	11558 E (C X D) 150 1260 407 779 1189 74
2-Serving Area (Common Space Types Proposed Interior Lighting Po Fixture ID : Descriptio Dining Area ( Common Space Typ LED 1: P1: Decorative 24" LED Pen LED 2: P2: Decorative 42" LED Pen LED 3: R1: 6" 4000 Lumen LED Dov LED 4: R2: 2X4 Troffer (5500 Lume LED 6: R4: 2X4 Troffer (4000 Lumer LED 7: R5: 6" 1500 Lumen LED Dov LED 8: W2: Decorative Wall Sconce	A Don / Lamp / Wattage Per Lamp / Ballast es:Dining Area - Cafeteria/Fast Food 7470 sq.f dant: Other: dant: Other: wnlight: LED Other Fixture Unit 40W: ms): LED Panel 44W: ms): LED Panel 43W: wnlight: LED A Lamp 13W: : LED Other Fixture Unit 28W:	Tol B Lamps/ Fixture (t.) 1 1 1 1 1 1 1 1 1 1	2 6 10 17 41 5 7	/atts = D Fixture Watt. 75 210 41 46 29 15 31	11558 E (C X D) 150 1260 407 779 1189 74 216
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2-Serving Area (Common Space Types Proposed Interior Lighting Po Fixture ID : Descriptio Dining Area ( Common Space Typ LED 1: P1: Decorative 24" LED Pen LED 2: P2: Decorative 42" LED Pen LED 3: R1: 6" 4000 Lumen LED Dov LED 4: R2: 2X4 Troffer (5500 Lume LED 6: R4: 2X4 Troffer (5500 Lume LED 7: R5: 6" 1500 Lumen LED Dov LED 8: W2: Decorative Wall Sconce Compact Fluorescent 1: EX: Existing LED 13: X: Exit Lights: Other:	A on / Lamp / Wattage Per Lamp / Ballast es:Dining Area - Cafeteria/Fast Food 7470 sq.f dant: Other: dant: Other: wnlight: LED Other Fixture Unit 40W: ms): LED Panel 44W: ms): LED Panel 33W: wnlight: LED A Lamp 13W: : LED Other Fixture Unit 28W: g Cove Lighting Fixtures: Triple 4-pin 32W: Electronic	Tol B Lamps/ Fixture 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 6 10 17 41 5 7 24 8	/atts = D Fixture Watt. 75 210 41 46 29 15 31 64 2	11558 E (C X D) 150 1260 407 779 1189 74 216 1536 1536 13
2-Serving Area (Common Space Types Proposed Interior Lighting Po Fixture ID : Descriptio Dining Area ( Common Space Typ LED 1: P1: Decorative 24" LED Pen LED 2: P2: Decorative 42" LED Pen LED 3: R1: 6" 4000 Lumen LED Dov LED 4: R2: 2X4 Troffer (5500 Lume LED 6: R4: 2X4 Troffer (5500 Lume LED 7: R5: 6" 1500 Lumen LED Dov LED 8: W2: Decorative Wall Sconce Compact Fluorescent 1: EX: Existing LED 13: X: Exit Lights: Other: Serving Area ( Common Space Ty	A Don / Lamp / Wattage Per Lamp / Ballast es:Dining Area - Cafeteria/Fast Food 7470 sq.f dant: Other: dant: Other: wnlight: LED Other Fixture Unit 40W: wns): LED Panel 44W: ms): LED Panel 33W: wnlight: LED A Lamp 13W: : LED Other Fixture Unit 28W: g Cove Lighting Fixtures: Triple 4-pin 32W: Electronic pes:Food Preparation 5539 sq.ft.)	Tol B Lamps/ Fixture t.) 1 1 1 1 1 1 1 1 1 1 2: 1 1	2 6 10 17 41 5 7 24 8	/atts = D Fixture Watt. 75 210 41 46 29 15 31 64 2	11558 E (C X D) 150 1260 407 779 1189 74 216 1536 1536 13
2-Serving Area (Common Space Types Proposed Interior Lighting Po Fixture ID : Descriptio Dining Area ( Common Space Typ LED 1: P1: Decorative 24" LED Pen LED 2: P2: Decorative 42" LED Pen LED 3: R1: 6" 4000 Lumen LED Dov LED 4: R2: 2X4 Troffer (5500 Lume LED 6: R4: 2X4 Troffer (5500 Lume LED 7: R5: 6" 1500 Lumen LED Dov LED 8: W2: Decorative Wall Sconce Compact Fluorescent 1: EX: Existing LED 13: X: Exit Lights: Other: Serving Area ( Common Space Ty LED 9: R3: 2X4 Troffer (5000 Lumen	A Dom / Lamp / Wattage Per Lamp / Ballast es:Dining Area - Cafeteria/Fast Food 7470 sq.f dant: Other: dant: Other: wnlight: LED Other Fixture Unit 40W: wns): LED Panel 44W: ms): LED Panel 44W: ms): LED Panel 33W: wnlight: LED A Lamp 13W: : LED Other Fixture Unit 28W: g Cove Lighting Fixtures: Triple 4-pin 32W: Electronic pes:Food Preparation 5539 sq.ft.) ms): LED Panel 40W:	Tol B Lamps/ Fixture t.) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C # of Fixtures 2 6 10 17 41 5 7 24 8 33	/atts = D Fixture Watt. 75 210 41 46 29 15 31 64 2 15 31 64 2	11558 E (C X D) 150 1260 407 779 1189 74 216 1536 1536 13 1343
2-Serving Area (Common Space Types Proposed Interior Lighting Po Fixture ID : Descriptio Dining Area ( Common Space Typ LED 1: P1: Decorative 24" LED Pen LED 2: P2: Decorative 42" LED Pen LED 3: R1: 6" 4000 Lumen LED Dov LED 4: R2: 2X4 Troffer (5500 Lume LED 6: R4: 2X4 Troffer (5500 Lume LED 7: R5: 6" 1500 Lumen LED Dov LED 8: W2: Decorative Wall Sconce Compact Fluorescent 1: EX: Existing LED 13: X: Exit Lights: Other: Serving Area ( Common Space Ty LED 9: R3: 2X4 Troffer (5500 Lumen LED 10: R2: 2X4 Troffer (5500 Lumen R2: R2: R2: R2: R2: R2: R2: R2: R2: R2:	A Don / Lamp / Wattage Per Lamp / Ballast es:Dining Area - Cafeteria/Fast Food 7470 sq.f dant: Other: dant: Other: wnlight: LED Other Fixture Unit 40W: ms): LED Panel 44W: ms): LED Panel 33W: wnlight: LED A Lamp 13W: : LED Other Fixture Unit 28W: g Cove Lighting Fixtures: Triple 4-pin 32W: Electronic pes:Food Preparation 5539 sq.ft.) ms): LED Panel 40W: ens): LED Panel 44W:	Tol B Lamps/ Fixture t.) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C # of Fixtures 2 6 10 17 41 5 7 24 8 33 10	/atts = D Fixture Watt. 75 210 41 46 29 15 31 64 2 15 31 64 2 2 41 46	11558 E (C X D) 150 1260 407 779 1189 74 216 1536 133 1343 458
2-Serving Area (Common Space Types Proposed Interior Lighting Po Fixture ID : Description Dining Area (Common Space Type LED 1: P1: Decorative 24" LED Pen LED 2: P2: Decorative 42" LED Pen LED 3: R1: 6" 4000 Lumen LED Dow LED 4: R2: 2X4 Troffer (5500 Lumen LED 6: R4: 2X4 Troffer (5500 Lumen LED 7: R5: 6" 1500 Lumen LED Dow LED 8: W2: Decorative Wall Sconce Compact Fluorescent 1: EX: Existing LED 13: X: Exit Lights: Other: Serving Area (Common Space Type) LED 9: R3: 2X4 Troffer (5500 Lumen LED 10: R2: 2X4 Troffer (5500 Lumen LED 10: R2: 2X4 Troffer (5500 Lumen) LED 10: R1: 6" 4000 Lumen LED Dow	A Don / Lamp / Wattage Per Lamp / Ballast es:Dining Area - Cafeteria/Fast Food 7470 sq.f dant: Other: dant: Other: wnlight: LED Other Fixture Unit 40W: ms): LED Panel 44W: ms): LED Panel 33W: wnlight: LED A Lamp 13W: : LED Other Fixture Unit 28W: g Cove Lighting Fixtures: Triple 4-pin 32W: Electronic pes:Food Preparation 5539 sq.ft.) ms): LED Panel 40W: ens): LED Panel 44W: bwnlight: LED Other Fixture Unit 40W:	Tol B Lamps/ Fixture t.) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C # of Fixtures 2 6 10 17 41 5 7 24 8 33 10 18	/atts = D Fixture Watt. 75 210 41 46 29 15 31 64 29 15 31 64 29	11558 E (C X D) 150 1260 407 779 1189 74 216 1536 1536 133 1343 458 733
2-Serving Area (Common Space Types Proposed Interior Lighting Po Fixture ID : Description Dining Area (Common Space Type LED 1: P1: Decorative 24" LED Pen LED 2: P2: Decorative 42" LED Pen LED 3: R1: 6" 4000 Lumen LED Dov LED 4: R2: 2X4 Troffer (5500 Lume LED 6: R4: 2X4 Troffer (5500 Lume LED 7: R5: 6" 1500 Lumen LED Dov LED 8: W2: Decorative Wall Sconce Compact Fluorescent 1: EX: Existing LED 13: X: Exit Lights: Other: Serving Area (Common Space Typ LED 9: R3: 2X4 Troffer (5500 Lumer LED 10: R2: 2X4 Troffer (5500 Lumer LED 10: R1: 6" 4000 Lumen LED Dov LED 10: R1: 6" 4000 Lumen LED Dov LED 11: P1: Decorative 24" LED Pen LED 10: R2: 2X4 Troffer (5500 Lumer LED 11: P1: Decorative 24" LED Pen LED 10: R2: 2X4 Troffer (5500 Lumer LED 11: P1: Decorative 24" LED Pen LED 10: R2: 2X4 Troffer (5500 Lumer LED 10: R1: 6" 4000 Lumer LED Dov LED 11: P1: Decorative 24" LED Pen LED 10: R2: 2X4 Troffer (5500 Lumer LED 10: R1: 6" 4000 Lumer LED Dov LED 11: P1: Decorative 24" LED Pen LED 10: R2: 2X4 Troffer (5500 Lumer LED 10: R1: 6" 4000 Lumer LED Dov LED 10: R1: 6" 4000 Lumer LED Dov LED 10: R1: 6" 4000 Lumer LED Dov LED 10: R1: 6" 4000 Lumer LED Pen LED 10: R1: 6" 4000 LUMER PEN RED 10: R1:	A Don / Lamp / Wattage Per Lamp / Ballast es:Dining Area - Cafeteria/Fast Food 7470 sq.f dant: Other: dant: Other: wnlight: LED Other Fixture Unit 40W: ms): LED Panel 44W: ms): LED Panel 44W: s: LED Other Fixture Unit 28W: g Cove Lighting Fixtures: Triple 4-pin 32W: Electronic pes:Food Preparation 5539 sq.ft.) ms): LED Panel 40W: ens): LED Panel 44W: pwnlight: LED Other Fixture Unit 40W: mdant: Other:	Tol B Lamps/ Fixture t.) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C # of Fixtures 2 6 10 17 41 5 7 24 8 33 10 18 2 2	/atts = D Fixture Watt. 75 210 41 46 29 15 31 64 2 2 41 46 41 75 5	11558 E (C X D) 150 1260 407 779 1189 74 216 1536 1536 133 1343 458 733 150

![](_page_26_Picture_15.jpeg)

![](_page_27_Figure_0.jpeg)

![](_page_27_Figure_1.jpeg)

**TROFFER MOUNTING DETAIL** NOT TO SCALE

	EL:			PANEL AMPS.		2:	25	VOLTAGE:					MOUNTING	SURFACE				
	I	2E		MAIN TYPE		M	СВ		120 / 208,	3 PHASE, 4	WIRE, 60 HZ		NEMA RATING		NEMA '	1		
		эг		MAIN BREAKE	R RATING	22	25		S		10,	000	LOCATION	MECHAN	NICAL RO	DOMA1	53	
PE	•			SOLID NEUTR	۹L	10	0%	CALC FAUL	T CURRENT		<10	,000	FED FROM	. EXIST	IEL 'H1F	•		
	В	QL		GROUND BUS		10	0%	BREAKER F	EATURES:	<b>GFI =</b> GRO <b>AF</b> - ARC F	UND FAULT C	IRCUIT INTE	rrupter;    st = shunt trip;    th Ter; <mark>Lo =</mark> lock-on dev <i>i</i> ce	= TIE HANDLE				
	СКТ	BDE/	KED						PHASE			DESCRIPTION						
	NO	DICLA			DESCRIPTION			A	В	С			DESCRIPTION					
	1			PANEL	LOAD CENTER B -	4#2,	8256	17976			9720	4#1,	LOAD CENTER C - DEL/SALAD/	PANEL				
	3	110/3		PANEL	HIBACHI/GRILL/DESSERTS (ITEM	1#6(G)- 1	7332		16680		9348	1#6(G)-1		PANEL	125/3			
	5			PANEL	8B)	1/4"C	7380			17136	9756	1/2"C		PANEL				
	7	60/2		КП		2#6,	4992	7142			2150	2#10,	ELECTRIC ERVER (ITEM #16	КП	- 30/2			
	9	00,2		КП		1#10(G)- 1"C	4992		7142		2150	3/4"C		КП				
	11				BUSSED SPACE					0			SHUNT TRIP SPACE					
	13				BUSSED SPACE			0					BUSSED SPACE					
	15				BUSSED SPACE				0				BUSSED SPACE					
	17				BUSSED SPACE					0			BUSSED SPACE				Τ	
	19				BUSSED SPACE			0					BUSSED SPACE				T	
	21				BUSSED SPACE				0				BUSSED SPACE				Τ	
	23				BUSSED SPACE					0			BUSSED SPACE				T	
	25				BUSSED SPACE			0					BUSSED SPACE				Τ	
	27				BUSSED SPACE				0				BUSSED SPACE					
	29				BUSSED SPACE					0			BUSSED SPACE					
						PH/	SETOTALS	25118	23822	17136								

![](_page_27_Picture_4.jpeg)

![](_page_27_Picture_5.jpeg)

 $\langle \star \rangle$  PLAN NOTES THIS SHEET: 1. EXISTING PANEL 'H1F' LOCATED IN ELECTRICAL ROOM A161. ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL NEW 125A/3P BREAKER IN EXISTING PANEL. BREAKER TO MATCH EXISTING TYPE AND HAVE 14KAIC RATING. UPDATE PANEL DIRECTORY AS REQUIRED.

![](_page_27_Figure_8.jpeg)

![](_page_27_Picture_9.jpeg)

![](_page_27_Picture_10.jpeg)

![](_page_28_Figure_0.jpeg)

![](_page_28_Figure_1.jpeg)

CONSULTING CONSTRUCTION **ENGINEERING, LLC** 110 12th Street North

CCE No. 18FPA07

File: E1.0.dwg

Birmingham, Alabama 35203

Time: 5:53:04 am

**GENERAL NOTES THIS SHEET:** A. INFORMATION SHOWN ON THESE DRAWINGS IS BASED ON THE ORIGNAL BUILDING

- DRAWINGS DATED 8/21/1995 AND ENGINEER'S SITE VISIT FEBRUARY 2020. EVERY EFFORT HAS BEEN MADE TO PROVIDE AN ACCURATE DEPICTION AND DESCRIPTION OF THE EXISTING CONDITIONS. HOWEVER THERE MAY BE CONDITIONS NOT DISCOVERED IN THE SITE INVESTIGATION. PRIOR TO BID THE ELECTRICAL CONTRACTOR SHALL VISIT THE SITE TO VERIFY THESE CONDITIONS AND FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS. FAILURE TO DO SO WILL NOT RELIEVE THE CONTRACTOR OF ANY RESPONSIBILITIES FOR DEMOLITION OR TO PROVIDE A COMPLETE ELECTRICAL AND LIGHTING SYSTEM AS SHOWN AND DESCRIBED ON THE DRAWINGS AND THERE WILL BE NO CONSIDERATION GIVEN FOR ADDITIONAL COMPENSATION FOR WORK REQUIRED DUE TO EXISTING CONDITIONS.
- B. THE ELECTRICAL CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID TO FULLY UNDERSTAND EXISTING CONDITIONS AND THE EXTENT OF ELECTRICAL DEMOLITION. FAILURE TO DO SO WILL NOT RELIEVE THE CONTRACTOR OF ANY RESPONSIBILITIES OR BE CONSIDERED AS A BASIS FOR ADDITIONAL COMPENSATION.
- C. THE ELECTRICAL CONTRACTOR SHALL REMOVE EXISTING ELECTRICAL EQUIPMENT, FIXTURES, DEVICES, WIRING AND CONDUIT AS LISTED BELOW AND WHETHER SHOWN ON THE DEMOLITION PLAN OR NOT:
- 1. ALL LIGHTING FIXTURES, SWITCHES AND ALL ASSOCIATED WIRING BACK TO SOURCE. 2. ALL CEILING MOUNTED ELECTRICAL OR AUXILIARY SYSTEM DEVICES AND ASSOCIATED.
- 3. ALL RECEPTACLES AND ALL ASSOCIATED WIRING BACK TO SOURCE. 4. ALL APPLIANCE AND EQUIPMENT CONNECTIONS.
- 5. ALL VOICE/DATA OUTLETS AND ASSOCIATED WIRING BACK TO SOURCE. 6. ALL AUXILIARY SYSTEM DEVICES AND ASSOCIATED WIRING BACK TO SOURCE.
- 7. CONCEALED CONDUIT IN WALLS THAT ARE REMOVED. 8. EXPOSED OR SURFACE RUNS OF CONDUIT AND WIREWAY IF WIRING HAS BEEN REMOVED.
- 9. UN-NECESSARY CONDUITS CONCEALED BY CONSTRUCTION MAY BE ABANDONED IN PLACE BUT WIRING SHALL BE REMOVED.
- D. WHERE EXISTING WALLS ARE REMOVED ALL RECEPTACLES, SWITCHES, TELECOM OUTLETS, AND AUXILIARY DEVICES AND ASSOCIATED CONDUIT AND WIRING ARE TO BE REMOVED COMPLETE.
- E. WHERE EXISTING WALLS ARE TO REMAIN ALL RECEPTACLES, SWITCHES, TELECOM OUTLETS, AND AUXILIARY DEVICES ARE TO REMAIN AS IS.
- F. EXISTING CONDUIT AND OUTLET BOXES CAN BE REUSED IN THEIR EXISTING LOCATION WHERE POSSIBLE. HOWEVER, REMOVED CONDUIT AND OUTLET BOXES SHALL NOT BE REINSTALLED OR RE-USED IN NEW CONSTRUCTION. C. DEMOLITION PLAN IS CODED AS FOLLOWS:
- 1. "XR" INDICATES EXISTING TO BE REMOVED COMPLETE, INCLUDING CONDUIT AND WIRING BACK TO SOURCE OR TO NEAREST UPSTREAM DEVICE OR LIGHTING FIXTURE THAT IS TO REMAIN.
- 2. "ER" INDICATES EXISTING TO BE REPLACED. EXISTING LIGHTING FIXTURE TO BE REMOVED AND REPLACED AS SHOWN ON NEW WORK PLAN ON SHEET 3. "EXR" INDICATED EXISTING DEVICE TO BE RELOCATED. SEE RELOCATED
- LOCATION ON NEW WORK PLAN THIS SHEET. 4. "EX" INDICATES EXISTING DEVICE LOCATION TO REMAIN. ALL RECEPTACLES AND LIGHT SWITCH LOCATIONS MARKED "EX" WILL REMAIN BUT THE DEVICES AND COVERPLATES ARE TO BE REPLACED. ELECTRICAL CONTRACTOR TO REPLACE ANY LAMPS OR FIXTURES THAT ARE NOT FUNCTIONING PROPERLY
- IN LIGHTING FIXTURES TO REMAIN. 5. "XRR" INDICATES EXISTING DEVICE TO BE REMOVED FROM CEILING AND PUT BACK INTO NEW CEILING GRID AND CONNECT TO EXISTING WIRING. ELECTRICAL CONTRACTOR TO PROTECT EXISTING WIRING THROUGHOUT DEMOLITION PHASE OF PROJECT.
- D. ELECTRICAL CONTRACTOR SHALL COORDINATE ALL DEMOLITION WITH THE GENERAL CONTRACTOR AND OTHER TRADES BEFORE PROCEEDING WITH WORK. WHERE EQUIPMENT IS REMOVED BY OTHER TRADES THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR DISCONNECTING AND REMOVAL OF THE ELECTRICAL FEED BACK TO ITS SOURCE.
- E. WHERE EXISTING OUTLET BOXES CAN NOT BE REMOVED THE ELECTRICAL CONTRACTOR SHALL PROVIDE A BLANK STAINLESS STEEL COVERPLATE IF DEVICE CAN NOT BE RE-USED.

DEMOLITION PLAN NOTES THIS SHEET:

- 1. POWER POLE TO BE REMOVED. REMOVE EXISTING CABLING BACK TO SOURCE.
- 2. EXISTING RECEPTACLE FOR WALL MOUNTED TELEVISION TO BE REMOVED.
- 3. SOUND SYSTEM CONTROL PANEL TO BE REMOVED AND RELOCATED. INTERCEPT AND EXTEND EXISTING WIRING AND CONDUIT TO NEW LOCATION. SEE SHEET E3.1 FOR APPROXIMATE LOCATION OF EXISTING PANEL. COORDINATE NEW LOCATION OF SYSTEM
- 4. EXISTING AUXILIARY OUTLET TO BE REMOVED.
- 5. EXISTING STRUCTURE WITH PENDANT LIGHTS TO BE REMOVED.
- 6. EXISTING CEILING MOUNTED SPEAKER TO BE REMOVED WITH EXISTING CEILING GRID AND REPLACED WITH NEW CEILING GRID. RECONNECT EXISTING WIRING FOR SPEAKER. PROTECT THROUGHOUT CONSTRUCTION.
- 7. EXISTING ISLAND TO BE REMOVED. ELECTRICAL CONTRACTOR TO REMOVE EXISTING RECEPTACLES, WIRING, AND CONDUIT AND UNDER SLAB ELECTRICAL FEED AND REPAIR
- 8. EXISTING FOOD SERVING EQUIPMENT TO BE REMOVED. ELECTRICAL CONTRACTOR TO REMOVE EXISTING RECEPTACLES, WIRING, CONDUIT, AND ANY UNDERSLAB ELECTRICAL FEEDS AND REPAIR EXISTING FLOOR.
- 9. EXISTING DISHWASHER AND EQUIPMENT TO BE REMOVED. ELECTRICAL CONTRACTOR TO REMOVE EXISTING ELECTRICAL CONNECTIONS BACK TO SOURCE AND PREPARE FOR NEW.
- 10. EXISTING RECEPTACLES FOR BEVERAGE STATION. ELECTRICAL CONTRACTOR TO RELOCATE EXISTING RECEPTACLES SO THAT NEW BEVERAGE STATION EQUIPMENT CAN BE CONNECTED. COORDINATE HEIGHT AND LOCATIONS WITH FOOD EQUIPMENT PLANS.

![](_page_28_Picture_32.jpeg)

![](_page_28_Picture_33.jpeg)

![](_page_29_Figure_0.jpeg)

![](_page_29_Figure_3.jpeg)

### GENERAL NOTES THIS SHEET:

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17

15

-----(14.5)

14

-----(13)

(12)

- A. ALL LIGHTING FIXTURES DESIGNATED AS EMERGENCY SHALL BE CONNECTED TO AN EXISTING EMERGENCY LIGHTING CIRCUIT.
- B. IT SHALL BE THE CONTRACTOR'S OPTION TO REUSE EXISTING CONDUIT AND WIRING, PROVIDED THAT ALL APPLICABLE CODES AND DESIGN INTENT IS MET.

 $\langle \cdot \rangle$  PLAN NOTES THIS SHEET:

- NEW 2#12, 1#12(G)-3/4"C HOMERUN TO EXISTING 20A/1P BREAKER IN EXISTING PANEL 'H1E' LOCATED IN ELECTRICAL ROOM A128 (SEE LOCATION ON SHEET E4.1) MADE AVAILABLE BY DEMOLITION. UPDATE PANEL DIRECTORY AS REQUIRED.
- 2. NEW 2#12, 1#12(G)-3/4"C HOMERUN TO EXISTING 20A/1P BREAKER IN EXISTING PANEL 'H1F' LOCATED IN ELECTRICAL ROOM AS SHOWN ON THIS SHEET MADE AVAILABLE BY DEMOLITION. UPDATE PANEL DIRECTORY AS REQUIRED.
- 3. NEW 2#12, 1#12(G)-3/4"C CONNECTED TO EXISTING LIGHTING CIRCUIT IN THIS AREA WHICH IS FED FROM EXISTING 20A/1P BREAKER IN EXISTING PANEL 'H1F'.
- 4. NEW 2#12, 1#12(G)-3/4"C CONNECTED TO EXISTING EMERGENCY LIGHTING CIRCUIT IN THIS AREA WHICH IS FED FROM EXISTING 20A/1P BREAKER IN EXISTING PANEL 'H1E' LOCATED IN ELECTRICAL ROOM A128 (SEE LOCATION ON SHEET E4.1).
- 5. ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL NEW WALL SCONCE IN EXISTING LOCATION OF REMOVED WALL SCONCE. SEE LIGHTING FIXTURE SCHEDULE FOR FIXTURE TYPE. IF EXISTING WIRING IS DAMAGED/NOT IN WORK CONDITION, THEN ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL NEW WIRING SO THAT NEW FIXTURE IS IN PROPER WORKING CONDITION.
- NEW 2#12, 1#12(G)-3/4"C CONNECTED TO EXISTING COVE LIGHTING FIXTURES. SEE SHEET E1.1 FOR LOCATION OF EXISTING COVE LIGHTING FIXTURES.

![](_page_29_Picture_15.jpeg)

![](_page_29_Picture_16.jpeg)

![](_page_30_Figure_0.jpeg)

![](_page_30_Figure_3.jpeg)

### GENERAL NOTES THIS SHEET:

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 $\searrow$ 

A. COORDINATE ALL EQUIPMENT MOUNTING HEIGHTS WITH ARCHITECTURAL AND FOODSERVICE EQUIPMENT PLANS.

### $\langle * \rangle$ PLAN NOTES THIS SHEET:

- 1. NEW RECEPTACLE AND TV OUTLET FOR TELEVISION. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH ARCHITECTURAL PLANS.
- 2. 2#12, 1#12(G)-3/4"C TO NEAREST RECEPTACLE CIRCUIT IN AREA.
- 2#12, 1#12(G)-3/4"C TO EXISTING 20A/1P BREAKER MADE AVAILABLE BY DEMOLITION IN EXISTING PANEL 'L2F'. UPDATE PANEL DIRECTORY AS REQUIRED.
- RELOCATED EXISTING SOUND SYSTEM CONTROL PANEL FOR CAFETERIA. COORDINATE EXACT LOCATION WITH ARCHITECT/OWNER.
- 5. 2#10, 1#10(G)-3/4"C TO EXISTING CIRCUITRY FOR SOUND SYSTEM.
- 6. NEW EXHAUST FAN FOR DISHWASHER. COORDINATE EXACT REQUIREMENTS AND CONTROLS WITH MECHANICAL CONTRACTOR.
- MOTOR OPERATED FIRE DOOR. COORDINATE INSTALLATION WITH FIRE DOOR MANUFACTURER.
- 8. IONIZER LOCATED IN DISCHARGE DUCT OF EXISTING RTU-04. ELECTRICAL CONTRACTOR TO COORDINATE INSTALLATION AND REQUIREMENTS WITH MECHANICAL CONTRACTOR.
- 2#12, 1#12(G)-3/4"C TO EXISTING 20A/1P SPARE BREAKER IN EXISTING PANEL 'L1E' LOCATED IN ELECTRICAL ROOM 128 (SEE SHEET E4.1 FOR LOCATION). UPDATE PANEL DIRECTORY AS REQUIRED.
- 10. ELECTRICAL CONTRACTOR TO RUN (2)3/4"C THRU LOW WALL FOR CASH REGISTER POWER AND DATA.

![](_page_30_Picture_17.jpeg)

![](_page_30_Picture_18.jpeg)

				 	KITC			MENT		LE			
А		No.	EQUIPMENT NA ME	208	PHASE 3	AMPS 90.00	HP	KW 19.03	CONNECTION	TY PE RECEPTACLE	SWITCH N/A	HEIGHT	REMARKS
		8B 16	LOAD CENTER B ELECTRIC FRYER, COUNTERTOP	208 208	3 1	110.00 20.80		22.97	DIRECT CORD & PLUG	- NEMA 6-30P	- N/A	VERIFY 18"	
		17 53 54	COUNTERTOP GRIDDLE COUNTERTOP DUMP STATION CONVEYOR TO ASTER	480	3	57.60 6.50		1 80	DIRECT CORD & PLUG	N/A NEMA 5-15P	N/A N/A	18" 18" 50"	
		78 89	LOAD CENTER C UNDERCOUNTER REFRIGERATOR	208	3 1	125.00 6.30		28.82	DIRECT CORD & PLUG	N/A NEMA 5-15P	N/A N/A	VERIFY 18"	
		104 105	REACH-IN REFRIGERATOR REACH-IN REFRIGERATOR	120 120	1	4.20 4.20			CORD & PLUG CORD & PLUG	NEMA 5-15P NEMA 5-15P	N/A N/A	50" 50"	
		106 112	REACH-IN HEATED CABINET SANDWICH PRESS, DOUBLE	208 208	1	6.00 16.00			CORD & PLUG CORD & PLUG	NEMA 6-20P NEMA 6-30P	N/A N/A	50" 18"	
	<b>-</b>	113 114	TURBOCHEF OV EN 60" UNDERCOUNTER REFRIGERATOR	208 120	1	48.00			CORD & PLUG	NEMA 6-50P NEMA 5-15P	N/A N/A	18" 18"	
		116 117 118	WAFFLE BATTER DISPENSER	120	1	7.50 11.00			CORD & PLUG CORD & PLUG CORD & PLUG	NEMA 5-15P NEMA 5-15P NEMA 5-15P	N/A N/A	50" 50"	TYP. OF 2
		119 123	SYRUP WARMERS	120 120	1	0.44			CORD & PLUG CORD & PLUG	NEMA 5-15P NEMA 5-20P	N/A N/A	50" 50"	TYP. OF 2
		125 126	BEVERAGE & ICE DISPENSER ICE MAKER	120 120	1	7.00 11.40			CORD & PLUG CORD & PLUG	NEMA 5-15P NEMA 5-15P	N/A N/A	50" 50"	
		131 136	POS TROUGHVEYOR	120 480	1	5.00 17.70			CORD & PLUG DIRECT	NEMA 5-15P N/A	N/A N/A	18" 18"	TYP. OF 2
		138 141	CONVEYOR DISHWASHER BLOWER/DRYER, WAREWASHER	480	3	29.00 4.33			DIRECT CORD & PLUG	N/A NEMA 5-15P	N/A N/A	60" VERIFY	
Р		A. INFO	DRMATION SHOWN ON KITCHEN PLAN IS TO IGH-IN INFORMATION SHALL BE OBTAINED	OBEUSED	For Bide Roved I	DING PURPOS KITCHEN EQU	ES ONLY.	ACTUAL IOP	1) 2)				
		B. EQU EQU LOC C. ALL WITH D. ALL TO F E. EQU APP AVA SIZE MAT CHA F. ALL G. HEA	REQUIRED BY KITCHEN EQUIPMENT CONTR IPMENT CONNECTION REQUIREMENTS SHA IPMENT SUBMITTAL DATA AND THE MANU CATION FOR EACH CONNECTION SHALL BE CONNECTIONS SHALL PERMIT MOVEMENT HOUT DISCONNECTIONS SHALL BE COMPLE PERMIT EQUIPMENT TO BE MOVED INTO PLA IPMENT SERVED FROM A RECEPTACLE SH ROVED BY THE EQUPMENT MANUFACTUR ALLA BLE PROVIDE AN 'SO' TY PE NEOPRENE E AS THE BRANCH CIRCUIT CONDUCTORS A 'CHING HEAVY DUTY RUBBER CORD GRIP SSIS. FLEXIBLE CONDUIT SHALL BE LIQUID TIGH VY DUTY DISCONNECT SWITCHES WITH G	ACT DRAW	/INGS. A INED FR 'S RECOM MENT FOR TERPROO UT LIFTIN A CORD A NUFACT TH CONDI A CORD A GREEN ID GROUI OPER LIQ GS SHAL	COM A PPROV MMENDED ME R MAINTENAN FED AND OF IG. AND PLUG F TURED CORD JCTORS OF GROUND CC ND CONDUCT UID TIGHT FT L BE PROVIE	ED KITCHE THOD AND NCE AND C A CONFIG URNISHED AND PLUG THE SAME NDUCTOR OR TO EQ TTINGS. DED FOR E/	EN CLEANING URATION AND/OR B IS NOT SAME AND A UIPMENT					
С		EQU	IPMENT FROM APPROVED KITCHEN EQUIPMENT COLUMN FOR AS-BUILT RECORDS.		ITTALS. I	E.C. SHALL C	OMPLETE	MOUNTING					
D													
3/26/2020 6:23:23 PM TT													

![](_page_31_Figure_1.jpeg)

GENERAL NOTES THIS SHEET:

E3.2 SCALE: 1/4" = 1'-0"

- $\langle * \rangle$  PLAN NOTES THIS SHEET:
- MATCH" EXISTING TYPE AND HAVE 14KAIC RATING.
- REQUIRED. ELECTRICAL CONTRACTOR TO CUT AND PATCH EXISTING FLOOR AND INSTALL NEW 3/4"C.
- DIRECTORY AS REQUIRED.
- PÄNEL DIRECTORY AS REQUIRED.
- DIRECTORY AS REQUIRED.

A. COORDINATE ALL EQUIPMENT MOUNTING HEIGHTS WITH ARCHITECTURAL AND FOODSERVICE EQUIPMENT PLANS. 1. 4#2, 1#8(G)–1 1/4"C TO NEW 90A/3P BREAKER INSTALLED IN BUSSED SPACE MADE AVAILABLE IN EXISTING PANEL 'L1F' BY DEMOLITION. BREAKER TO MATCH EXISTING TYPE AND HAVE 10KAIC RATING. UPDATE PANEL DIRECTORY AS REQUIRED.

2. 2#8, 1#10(G)-3/4"C TO NEW 40A/2P SHUNT TRIP BREAKER IN EXISTING BUSSED SPACE IN EXISTING PANEL 'H1F'. BREAKER TO 3. 2#12, 1#12(G)-3/4"C TO EXISTING 20A/1P BREAKER IN EXISTING PANEL 'L1F' MADE AVAILABLE BY DEMOLITION. IF NO EXISTING BREAKER IS AVAILABLE, INSTALL NEW 20A/1P BREAKER OF SAME TYPE AND 10KAIC RATING. UPDATE PANEL DIRECTORY AS

4. 2#10, 1#10(G)-3/4"C TO EXISTING 30A/2P BREAKER IN EXISTING PANEL 'L2F' IF NO EXISTING BREAKER IS AVAILABLE, INSTALL NEW 30A/2P BREAKER OF SAME TYPE AND 10KAIC RATING. UPDATE PANEL DIRECTORY AS REQUIRED. ELECTRICAL CONTRACTOR TO CUT AND PATCH EXISTING FLOOR AND INSTALL NEW 1"C.

5. 2#12, 1#12(G)-3/4"C TO EXISTING 20A/1P BREAKER IN EXISTING PANEL 'L2F' MADE AVAILABLE BY DEMOLITION. UPDATE PANEL 6. 2#12, 1#12(G)-3/4"C TO EXISTING 20A/2P BREAKER IN EXISTING PANEL 'L2F' MADE AVAILABLE BY DEMOLITION. UPDATE

7. 2#10, 1#10(G)-3/4"C TO EXISTING 30A/1P BREAKER IN EXISTING PANEL 'L2F' IF NO EXISTING BREAKER IS AVAILABLE, INSTALL NEW 30A/1P BREAKER OF SAME TYPE AND 10KAIC RATING. UPDATE PANEL DIRECTORY AS REQUIRED. 8. 2#12, 1#12(G)-3/4"C TO EXISTING 20A/1P BREAKER IN EXISTING PANEL 'L1F' MADE AVAILABLE BY DEMOLITION. UPDATE PANEL

9. ELECTRICAL CONTRACTOR TO RELOCATE EXISTING RECEPTACLES AND CIRCUITRY TO HEIGHTS AND LOCATIONS AS SHOWN. COORDINATE EXACT LOCATIONS WITH FOODSERVICE EQUIPMENT DRAWINGS. 10. 4#12, 1#12(G)—3/4"C TO EXISTING 20A/3P BREAKER MADE AVAILABLE BY DEMOLITION. IF NO EXISTING 20A/3P BREAKER IS

AVAILABLE, THEN ELECTRICAL CONTRACTOR TO INSTALL NEW 20A/3P BREAKER IN EXISTING BUSSED SPACE IN EXISTING PANEL 'H1F'. BREAKER TO MATCH EXISTING TYPE AND HAVE 14KAIC RATING. 11. 4#8, 1#10(G)-3/4"C TO EXISTING 40A/3P MADE AVAILABLE BY DEMOLITION. IF NO EXISTING 40A/3P BREAKER IS AVAILABLE, THEN ELECTRICAL CONTRACTOR TO INSTALL NEW 40A/3P BREAKER IN EXISTING BUSSED SPACE IN EXISTING PANEL 'H1F'.

BREAKER TO MATCH EXISTING TYPE AND HAVE 14KAIC RATING. 12. 4#10, 1#10(G)-3/4"C TO EXISTING 30A/3P MADE AVAILABLE BY DEMOLITION. IF NO EXISTING 30A/3P BREAKER IS AVAILABLE, THEN ELECTRICAL CONTRACTOR TO INSTALL NEW 30A/3P BREAKER IN EXISTING BUSSED SPACE IN EXISTING PANEL 'H1F'. BREAKER TO MATCH EXISTING TYPE AND HAVE 14KAIĆ RATING.

![](_page_31_Picture_23.jpeg)

AREA OF WORK

![](_page_31_Picture_26.jpeg)

![](_page_32_Figure_0.jpeg)

![](_page_32_Picture_2.jpeg)

![](_page_33_Figure_1.jpeg)

QF702

FOODSERVICE ELEVATIONS

QF100 1/8" = 1'-0"

![](_page_33_Picture_3.jpeg)

0VERALL FOODSERVICE EQUIPMENT PLAN

REMOTE REFRIGERATION CONDENSING UNITS ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY. ACTUAL LOCATION TO BE COORDINATED WITH ARCHITECTURAL PLANS AND BUILDING STRUCTURE, IN KEEPING WITH ALL REQUIREMENTS OF THE SPECIFICATIONS.

![](_page_33_Picture_8.jpeg)

![](_page_34_Figure_0.jpeg)

FOC	<b>DDSE</b>	<b>RVICE EQUIPMENT LIST</b>
ITEM	ΟΤΥ	DESCRIPTION
NO.	4	
2.1	1	PIZZA OVEN, TOP DECK
3	1	PIZZA PREP TABI F
4	1	EQUIPMENT STAND
5	1	SPARE NUMBER
7	1	WORK TABLE
8	1	SERVING COUNTER
9	1	HOT WELL, DROP-IN
10	1	SPARE NUMBER
11	1	SPARE NUMBER
12.1	1	SNEEZE GUARD W/ HEAT LAMP & LIGHT
12.2	1	SNEEZE GUARD W/ HEAT LAMP & LIGHT
13	2	
15	2 1	PORTABLE HEATED CABINET
16	1	ELECTRIC FRYER, COUNTERTOP
17	1	COUNTERTOP GRIDDLE
18	1	SNEEZE GUARD W/ HEAT LAMP & LIGHT
19	1	PORTABLE HEATED CABINET
20	1	SPARE NUMBER
21	1	SPARE NUMBER
22	1	HEATED SHELF, DROP-IN
23	1	REFRIGERATED EQUIPMENT STAND
24.1	1	SNEEZE GUARD W/ HEAT LAMP &
24.2	1	SNEEZE GUARD W/ HEAT LAMP &
25	1	
20	1 1	
27	1	SOUP WELL. DROP-IN INDUCTION
28	1	SNEEZE GUARD W/ LIGHT
29	1	HAND SINK
30	1	SPARE NUMBER
31	1	SPARE NUMBER
32	1	PASS-THRU REFRIGERATOR
33	1	FLAVOR STATION
34	1	PASS-THRU HEATED CABINET
35	1	WORKTOP REFRIGERATOR
36	1	HAND SINK
37	1	HOT/COLD PAN, DROP-IN
38	1	I IGHT
39	1	GRIDDLE
40	1	VERTICAL SNEEZE GUARD
41	1	VERTICAL SNEEZE GUARD
42	1	REFRIGERATED EQUIPMENT STAND
44	1	UNDERCOUNTER FREEZER
45	1	FRYER W/ FILTER
46	1	COUNTERTOP CHARBROILER
47	1	GRIDDLE
48	1	REFRIGERATED EQUIPMENT STAND
49	1	WORK COUNTER W/ SINK
50	1	
51 52	   1	
52 52	1 1	
54	1 1	CONVEYOR TOASTER
55	1	HOT DOG ROLLER
56	. 1	PORTABLE HEATED CABINET
57	1	HAND SINK
58	1	UNDERCOUNTER REFRIGERATOR
59	1	HEATED SHELF, DROP-IN
60	1	SPARE NUMBER
61	1	
62	1	
64	1	SNEEZE GUARD W/ HEAT LAMP &
65	1	
00	   1	
67	I   1	
68	1	COLD PAN DROP-IN
69	1	SNEEZE GUARD W/ LIGHT
70	1	BEVERAGE COUNTER
71	1	BEVERAGE & ICE DISPENSER
72	1	ICE MAKER
73	1	JUICE DISPENSER

FOC	DSE	<b>ERVICE EQUIPMENT LIST</b>
	QTY.	DESCRIPTION
74	1	BEVERAGE & ICE DISPENSER
75	1	JUICE DISPENSER
70	1	ICE MAKER
78	1	DELI/SALAD/VEGAN COUNTER
79 80	1	COLD PAN, DROP-IN
81	1	SPARE NUMBER
82	1	SNEEZE GUARD W/ LIGHT
83 84	1	SOUP WELL, DROP-IN, INDUCTION
85.1	1	SNEEZE GUARD W/ LIGHT
85.2	1	SNEEZE GUARD W/ HEAT LAMP &
86	1	HOT/COLD PAN. DROP-IN
87	1	COLD PAN, DROP-IN
88	1	SNEEZE GUARD W/ LIGHT
89 90	1	COLD PAN. DROP-IN
91	1	SNEEZE GUARD W/ LIGHT
91	1	
92	1	SNEEZE GUARD W/ LIGHT
94	1	HOT/COLD PAN, DROP-IN
95	1	SNEEZE GUARD W/ HEAT LAMP &
96	1	VERTICAL SNEEZE GUARD
97	1	IMPINGER OVEN
98	3	INDUCTION WARMER, DROP-IN
100	1	PORTABLE HEATED CABINET
101	1	SPARE NUMBER
102	1	SNEEZE GUARD W/ HEAT LAMP &
103	1	PREP SINK, DROP-IN
103.1	1	FAUCET
104	1	REACH-IN REFRIGERATOR
106	1	REACH-IN HEATED CABINET
107	1	
108	1	ISLAND COUNTER SPARE NUMBER
110	1	SPARE NUMBER
111	1	TABLE MOUNTED OVERSHELF
112	1	SANDWICH PRESS, DOUBLE
114	1	REFRIGERATOR, UNDERCOUNTER 60"
115	1	CEREAL DISPENSER, CAROUSEL
116 117	1	MILK DISPENSER WAFFLE BATTER DISPENSER
118	2	WAFFLE BAKER
119	2	SYRUP WARMERS
120	1	SPARE NUMBER
122	1	CUP DISPLAY
123	1	
124 125	1	CONDIMENT ORGANIZER
126	1	ICE MAKER
127	1	BREAKFAST COUNTER
128	2	SPARE NUMBER
130	1	POS COUNTER
131	2	POS
132	1	TRASH / RECYCLING COUNTER
133	1	SPARE NUMBER
135	1	SOILED DISHTABLE
136	1	TROUGH COLLECTOR
137	1	CONVEYOR DISHWASHER (LEASED)
139	2	VENT DUCT
140	1	
141	2	SOAK SINK, MOBILE
143	1	WIRE SHELF

REMOTE REFRIGERATION CONDENSING UNITS ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY. ACTUAL LOCATION TO BE COORDINATED WITH ARCHITECTURAL PLANS AND BUILDING STRUCTURE, IN KEEPING WITH ALL REQUIREMENTS OF THE SPECIFICATIONS.

![](_page_34_Picture_8.jpeg)

![](_page_34_Picture_9.jpeg)

![](_page_35_Figure_0.jpeg)

![](_page_35_Picture_2.jpeg)

										ELEC		0	CW	1.0.00	HW	DW DW			GAS	
NO.	DESCRIPTION	MANUFACTURER	MODEL	EQUIPMENT REMARKS	AMPS	HP	KW VOL	TS PHA	SE CONN. TYPE NE	IA CONN HEIGH	I. ELECTRICAL REMARKS	CW SIZE	CONN. HEIGHT	HW SIZE	CONN. HEIGHT	DW SIZE HEIGH	. IW T SIZE	GAS GAS SIZE MBTU	HEIGHT	PLUMBING REMARKS
2.1 1	PIZZA OVEN, TOP DECK	EXISTING	1132-000-U		0		10 200	3 1	CORD & PLUG		••						•			
2.2     1       3     1	PIZZA OVEN, BOTTOM DECK PIZZA PREP TABLE	EXISTING			0 8.6		10 208	3 1 ) 1	CORD & PLUG CORD & PLUG 5-1	5P 18"										
4 1	EQUIPMENT STAND	EXISTING																		
5 1 7 1	WORK TABLE	EXISTING											<u> </u>							
8 1	SERVING COUNTER	TO BE FABRICATED	CUSTOM																	
9 1	HOT WELL, DROP-IN	DELFIELD	N8759-D		20		208	3 1	DIRECT	18"							1/2"			
10 1	SPARE NUMBER																			
12.1 1	SNEEZE GUARD W/ HEAT LAMP & LIGHT	BSI	ZG9930	MEET NSF2 REQUIREMENTS, W/	7.9		120	) 1	DIRECT	18"										
40.0 4			700000	MEET NSF2 REQUIREMENTS. W/	-		4.0		DIDEOT	4.01			<u> </u>							
12.2 1	SNEEZE GUARD W/ HEAT LAMP & LIGHT	BSI	ZG9930	STEALTH WARMER/LIGHT COMBO	3		120		DIRECT	18"										
13 1 14 2	HOT/COLD PAN, DROP-IN	VOLL RATH	N8630 59508DW	DRAIN SHUT-OFF VALVE	25 3 13		0 375 120	$\frac{1}{1}$	DIRECT CORD & PLUG 5-1	18" 5P 18"			<u> </u>				1"			DRAIN SHUT-OFF VALVE
15 1	PORTABLE HEATED CABINET	HATCO	FSHC-6W1		14.1		1.697 120	) 1	CORD & PLUG 5-1	5P 18"										
16 1 17 1		WELLS	F15		20.8		4.3 208	$\frac{3}{2}$ 1	CORD & PLUG 6-3	)P 18"										
18 1		Bei	70030	MEET NSF2 REQUIREMENTS, W/	4.0		12 400	$\frac{1}{2}$		10										
10 1				STEALTH WARMER/LIGHT COMBO	4.9		1 607 120			IO ID 19"										
20 1	SPARE NUMBER				14.1		1.097 120		CORD & PLOG 5-1											
21 1	SPARE NUMBER																			
$     \begin{array}{c c}       22 & 1 \\       23 & 1     \end{array} $	REFRIGERATED FQUIPMENT STAND	TRAULSEN	GRSBF-60-I TE060HT		10.2 6.7		0 7705 120	$\frac{1}{1}$	CORD & PLUG 5-1	5P 18" 5P 0"										
24.1 1	SNEEZE GUARD W/ HEAT I AMP & LICHT	BSI	ZG9930	MEET NSF2 REQUIREMENTS, W/	<u>q</u>		120	) 1	DIRFCT	18"										
				SIEALIH WARMER/LIGHT COMBO									<u> </u>							
24.2 1	SNEEZE GUARD W/ HEAT LAMP & LIGHT	BSI	∠G9930	STEALTH WARMER/LIGHT COMBO	2.2	_	120	ע 1	DIRECT	18"			<u> </u>							
									120/208-240V NEUTRAL											
25 1	HOT/COLD PAN, DROP-IN	VOLLRATH	FC-6HC-01208-AE	c	5	1/5	0.625 208	3 1	REQUIRED\r\n1	0P 18"							3/4"			
									NEUTRAL											
26 1	SOUP WELL, DROP-IN INDUCTION	VOLLRATH	741101DW		21		121	) 1		5P 18"			<u> </u>							
27 1	SOUP WELL, DROP-IN, INDUCTION	VOLLRATH	741101DW		2.1		120	) _1	CORD & PLUG 5-1	5P 18"										
28 1	SNEEZE GUARD W/ LIGHT	BSI	ZG9930	MEET NSF2 REQUIREMENTS, W/ LIGHT	1		120	) 1	DIRECT	18"										
29 1	HAND SINK	EXISTING - TO REMAIN	J									1/2"	16"	1/2"	16" 1	1/2" 24"				
30 1 31 1	SPARE NUMBER																			
31 I 32 1	PASS-THRU REFRIGERATOR	EXISTING - TO REMAIN	J		9.2		120	) 1	5-1	5P 0"										
33 1	FLAVOR STATION	TO BE FABRICATED	CUSTOM																	
									120/208V NEUTRAL											
34 1	PASS-THRU HEATED CABINET	EXISTING - TO REMAIN	l		14.3		2.25 120	) 1	REQUIRED; 3-WIRF +	96"										
									GROUND											
35 1	WORKTOP REFRIGERATOR	EXISTING - TO REMAIN	<u> </u>		5	1/5	0.575 120	) 1		18"		1/0"	16"	1/0"	16" 4	1/2" 24"				
37 1	HOT/COLD PAN, DROP-IN	DELFIELD	N8656P	DRAIN SHUT-OFF VALVE	21		120/2	208 1	DIRECT	18"		1/2	01	1/2	10 1	<u> </u>	1"			DRAIN SHUT-OFF VALVE
38 1	SNEEZE GUARD W/ HEAT LAMP & LIGHT	BSI	ZG9930	MEET NSF2 REQUIREMENTS, W/	7.9		120	) 1	DIRECT	18"										
39 1	GRIDDLE	SOUTHBEND	HDG-48	GAS QUICK DISCONNECT														3/4" 120	24"	GAS QUICK DISCONNECT
40 1	VERTICAL SNEEZE GUARD	BSI	ZG9500-4																	
41 1 42 1	REFRIGERATED EQUIPMENT STAND	DELFIELD	2G9500-4 F2952CP		2.9	0.2	120	) 1	CORD & PLUG 5-1	5P 18"										
44 1	UNDERCOUNTER FREEZER	TRAULSEN	ULT27-R		6.3	1/3	120	) 1	CORD & PLUG 5-1	5P 18"										
45 1 46 1	FRYER W/ FILTER COUNTERTOP CHARBROILER		FPH155 HDC-24		9	1/3	120	) 1	CORD & PLUG 5-1	P 24"			<u> </u>					3/4"     80       3/4"     80	24" 24"	
47 1	GRIDDLE	SOUTHBEND	HDG-24	GAS QUICK DISCONNECT														3/4" 60	24"	GAS QUICK DISCONNECT
48 1			TE048HT		6.7		0.7705 120	) 1	CORD & PLUG 5-1	5P 18"					0"		4 4 /0"			
49         1           50         1	FAUCET	T&S BRASS	B-0221									1/2"	0" 14"	U" 1/2"	0" 14"		1 1/2"			
51 1	SPARE NUMBER																			
52 1 53 <sup>1</sup>	WALL SHELF COUNTERTOP DUMP STATION	TO BE FABRICATED	CUSTOM GRFFI		65		10	) 1		5P 18"			<u> </u>							
54 1	CONVEYOR TOASTER	HATCO	TQ-10		0.0		1.8 120	) 1	CORD & PLUG 5-1	5P 50"										
55 1	HOT DOG ROLLER		8010 ESHC 614/4		2.8		1 607 4 20	) 1	CORD & PLUG 5-1	5P 50"										
57 1	HAND SINK	EXISTING - TO REMAIN			14.1		1.031 120	<u> </u>	5-1 β	<u>// IÖ</u>		1/2"	16"	1/2"	16" 1	1/2" 24"				
58 1		TRAULSEN	TU044HT		6.3		0.7245 120	) 1	CORD & PLUG 5-1	5P 18"										
<u>ว</u> ษ 1 60 1	SPARE NUMBER		GKSBF-48-1		8.3		120	ע <u>1</u>	しいたり & PLUG 5-1	א <u>רן 18"</u>			<u> </u>							
61 1	SPARE NUMBER																			
62 1	SNEEZE GUARD W/ HEAT LAMP & LIGHT	BSI	ZG9930	MEET NSF2 REQUIREMENTS, W/ STEALTH WARMER/LIGHT COMBO	6.9		120	) 1	DIRECT	18"										
63 1	HOT/COLD PAN, DROP-IN	DELFIELD	N8656P	DRAIN SHUT-OFF VALVE	21		120/2	208 1	DIRECT	18"							1"			DRAIN SHUT-OFF VALVE
64 1	SNEEZE GUARD W/ HEAT LAMP & LIGHT	BSI	ZG9930	MEET NSF2 REQUIREMENTS, W/ STEALTH WARMER/LIGHT COMBO	7.9		120	) 1	DIRECT	18"										
65 1	AMBIENT DISPLAY CASE	FEDERAL INDUSTRIES	ITD3626		15		120	) 1	CORD & PLUG 5-1	5P 18"										
66 1 67 1	FLAVOR STATION				83		1 10	) 1	DIRECT	10"							1/2"			
68     1	COLD PAN, DROP-IN	DELFIELD	N8118B	DRAIN SHUT-OFF VALVE	4		120	) 1	CORD & PLUG 5-1	5P 18"							1"			DRAIN SHUT-OFF VALVE
69 1	SNEEZE GUARD W/ LIGHT	BSI	ZG9930	MEET NSF2 REQUIREMENTS, W/	1		120	) 1	DIRECT	18"										
70 1	BEVERAGE COUNTER	TO BE FABRICATED	CUSTOM																	
71 1		BY PRODUCT			7		10	) 4		P 50"	ESTIMATED UTILITIES -	1/2"	<b>∕\</b> Ω"				2/∕/"			DRAIN TO FLOOR SINK; ESTIMATED
<i>i</i> 1		SUPPLIER			1		120				EQUIPMENT	1/2	40				3/4			EQUIPMENT
72 1	ICE MAKER		J		R		10	) 1	DIRECT	66"	ESTIMATED UTILITIES -	1/2"	66"				२/⁄/"			ESTIMATED UTILITIES - VERIFY WITH
			•		0						EQUIPMENT	1/2					0/4			
73 1	JUICE DISPENSER	BY PRODUCT			7		120	) 1	CORD & PLUG 5-1	5P 50"	ESTIMATED UTILITIES - VERIFY WITH ACTUAL	1/2"	48"				3/4"			DRAIN TO FLOOR SINK; ESTIMATED UTILITIES - VERIFY WITH ACTUAL
- '		SUPPLIER									EQUIPMENT	··· <b>-</b>								
	BEVERAGE & ICE DISPENSER				7		120	)   1	CORD & PLUG 5-1	5P 50"	ESTIMATED UTILITIES - VERIFY WITH ACTUAL	1/2"	48"				3/4"			URAIN TO FLOOR SINK; ESTIMATED UTILITIES - VERIFY WITH ACTUAL
74 1		JUTTLIEK									EQUIPMENT									EQUIPMENT
74 1								1							•	1	1	1		
74 1	JUICE DISPENSER	BY PRODUCT			7		120	)   1		5P 50"	ESTIMATED UTILITIES - VERIFY WITH ACTUAL	1/2"	48"				3/4"			DRAIN TO FLOOR SINK; ESTIMATED UTILITIES - VERIFY WITH ACTUAL

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						F	COOD	SERVI	<b>CE E</b>	QUIPMEN	T SCH	IEDU	LE CONT									
	QTY.	DESCRIPTION	MANUFACTURER	MODEL	EQUIPMENT REMARKS	AMPS HP	ĸw	VOLTS	PHASE	CONN. TYPE	NEMA	ELEC. CONN.	ELECTRICAL REMARKS	CW SIZE	CW CONN	I. HW	HW CONN.	DW DW CONN.	IW SIZE	GAS GAS GAS CONN.	PLUMBING REMARKS	ITEM
<b>NO.</b> 76	1	BEVERAGE & ICE DISPENSER	BY PRODUCT			7		120	1	CORD & PLUG	5-15P	HEIGHT	ESTIMATED UTILITIES - VERIFY WITH ACTUAL	312E 1/2"	HEIGH		HEIGHT	HEIGHT	3/4"	HEIGHT	DRAIN TO FLOOR SINK; ESTIMATED UTILITIES - VERIFY WITH ACTUAL	76
77	1		EXISTING - TO REMAIN			8		120	1	DIRECT		66"	EQUIPMENT ESTIMATED UTILITIES - VERIFY WITH ACTUAL	1/2"	66"				3/4"		EQUIPMENT ESTIMATED UTILITIES - VERIFY REQUIREMENTS WITH ACTUAL	77
78	1	DELI/SALAD/VEGAN COUNTER	T.B.F.	CUSTOM									EQUIPMENT	.,_							EQUIPMENT	78
79 80	1	COLD PAN, DROP-IN	DELFIELD	N8169B	DRAIN SHUT-OFF VALVE	7		120	1	CORD & PLUG	5-15P	18"							1"		DRAIN SHUT-OFF VALVE	79 80
81	1	SPARE NUMBER																				81
82	1	SNEEZE GUARD W/ LIGHT	BSI	ZG9930	LIGHT	1		120	1		5.45D	18"										82
83 84	1	SOUP WELL, DROP-IN, INDUCTION SOUP WELL, DROP-IN, INDUCTION	VOLLRATH VOLLRATH	741101DW 741101DW		2.1 2.1		120 120	1 1	CORD & PLUG CORD & PLUG	5-15P 5-15P	18" 18"										83 84
85.1	1	SNEEZE GUARD W/ LIGHT	BSI	ZG9930	MEET NSF2 REQUIREMENTS, W/ LIGHT	1		120	1	DIRECT		18"										85.1
85.2	1	SNEEZE GUARD W/ HEAT LAMP & LIGHT	BSI	ZG9930	MEET NSF2 REQUIREMENTS, W/ STEALTH WARMER/LIGHT COMBO	3.9		120	1	DIRECT		18"										85.2
86 87	1	HOT/COLD PAN, DROP-IN COLD PAN, DROP-IN	DELFIELD DELFIELD	N8630 N8156B	DRAIN SHUT-OFF VALVE DRAIN SHUT-OFF VALVE	25 7		120 120	1	DIRECT CORD & PLUG	5-15P	18" 18"							1" 1"		DRAIN SHUT-OFF VALVE DRAIN SHUT-OFF VALVE	86 87
88	1	SNEEZE GUARD W/ LIGHT	BSI	ZG9930	MEET NSF2 REQUIREMENTS, W/ LIGHT	1		120	1	DIRECT		18"										88
89	1		TRAULSEN	TU044HT		6.3	0.7245	120	1	CORD & PLUG	5-15P	18"							1"			89
90	1	SNEEZE GUARD W/ LIGHT	BSI	ZG9930	MEET NSF2 REQUIREMENTS, W/	1		120	1	DIRECT	3-13F	18"									DIVAIN SHOT-OFF VALVE	90
91 92	1	SPARE NUMBER COLD PAN, DROP-IN	DELFIELD	N8156B	DRAIN SHUT-OFF VALVE	7		120	1	CORD & PLUG	5-15P	18"							1"		DRAIN SHUT-OFF VALVE	91 92
93	1	SNEEZE GUARD W/ LIGHT	BSI	ZG9930	MEET NSF2 REQUIREMENTS, W/ LIGHT	1		120	1	DIRECT		18"										93
94	1	HOT/COLD PAN, DROP-IN	DELFIELD	N8630	DRAIN SHUT-OFF VALVE	25		120	1	DIRECT		18"							1"		DRAIN SHUT-OFF VALVE	94
95	1	SNEEZE GUARD W/ HEAT LAMP & LIGHT	BSI	ZG9930	STEALTH WARMER/LIGHT COMBO	3.9		120	1	DIRECT		18"										95
97	1			2501/1353		27	5.616	208	1	CORD & PLUG	6-50P	18"										97
98 99	3	HOT/COLD PAN, DROP-IN	DELFIELD	N8630	DRAIN SHUT-OFF VALVE	3.8 25	0.45	120	1	DIRECT	5-15P	18" 18"							1"		DRAIN SHUT-OFF VALVE	98
100 101	1 1	PORTABLE HEATED CABINET SPARE NUMBER	HATCO	FSHC-6W1		14.1	1.697	120	1	CORD & PLUG	5-15P	18"										100 101
102	1	SNEEZE GUARD W/ HEAT LAMP & LIGHT	BSI	ZG9930	MEET NSF2 REQUIREMENTS, W/ STEALTH WARMER/LIGHT COMBO	3.9		120	1	DIRECT		18"										102
103 103.1	1	PREP SINK, DROP-IN FAUCET	TO BE FABRICATED T&S BRASS	 B-0221										1/2"	16"	1/2"	16"		1 1/2"		DRAIN TO FLOOR SINK	103 103.1
104	1	REACH-IN REFRIGERATOR	DELFIELD	GBR1P-GH		4.2 0.22	2	120	1	CORD & PLUG	5-15P	50" 50"										104
105	1	REACH-IN HEATED CABINET		GAH1-SH		6	1.248	208	1	CORD & PLUG	6-20P	50"		4 (0)	4.0"	4/0"	401 4	4 /011 0 411				105
107	1	ISLAND COUNTER	TO BE FABRICATED	CUSTOM										1/2"	16	1/2"	16 1	1/2" 24"				107
109 110	1 1	SPARE NUMBER SPARE NUMBER																				109 110
111 112	1	TABLE MOUNTED OVERSHELFSANDWICH PRESS, DOUBLE	TO BE FABRICATED EQUIPEX	CUSTOM MAJESTIC		16	4	208	1	CORD & PLUG	6-30P	18"										111 112
113	1	TURBOCHEF OVEN	TURBOCHEF TRUE FOOD SERVICE	i5		48	9.984	208	1	CORD & PLUG	6-50P	18"										113
114	1	REFRIGERATOR, UNDERCOUNTER 60"	EQUIPMENT, INC.	TUC-60-LP-HC		4 0.25	5	120	1	CORD & PLUG	5-15P	18"										114
116	1	MILK DISPENSER	EXISTING - RELOCATE			1.9		120	1	CORD & PLUG	5-15P	50"										116
117	2	WAFFLE BATTER DISPENSER	BY PRODUCT SUPPLIER			7.5		120	1	CORD & PLUG	5-15P	50"	VERIFY WITH ACTUAL EQUIPMENT									117
118	2	WAFFLE BAKER	BY PRODUCT SUPPLIER			11	1.3	120	1	CORD & PLUG	5-15P	50"	ESTIMATED UTILITIES - VERIFY WITH ACTUAL EQUIPMENT									118
119	2	SYRUP WARMERS	BY PRODUCT SUPPLIER			0.44	0.053	120	1	CORD & PLUG	5-15P	0"	ESTIMATED UTILITIES - VERIFY WITH ACTUAL EQUIPMENT									119
120 121	1 1	SPARE NUMBER SPARE NUMBER																				120 121
122	1	CUP DISPLAY	BY PRODUCT SUPPLIER																			122
123	1	COFFEE MAKER	BY PRODUCT SUPPLIER			16.5		120	1	CORD & PLUG	5-20P	50"	ESTIMATED UTILITIES - VERIFY WITH ACTUAL EQUIPMENT	1/2"	48"						DRAIN TO FLOOR SINK; ESTIMATED UTILITIES - VERIFY WITH ACTUAL EQUIPMENT	123
124	1	CONDIMENT ORGANIZER	BY PRODUCT SUPPLIER																			124
125	1	BEVERAGE & ICE DISPENSER	BY PRODUCT SUPPLIER			7		120	1	CORD & PLUG	5-15P	50"	ESTIMATED UTILITIES - VERIFY WITH ACTUAL EQUIPMENT	1/2"	48"				3/4"		UTILITIES - VERIFY WITH ACTUAL EQUIPMENT	125
126	1	ICE MAKER BREAKEAST COUNTER	SCOTSMAN	C0522MA-1		11.4	0	120	1	CORD & PLUG	5-15P	50"							3/4"			126
127	2	SPARE NUMBER																				127
130	1	POS COUNTER	BY MILWORK	CUSTOM																		130
131	2	POS	BYOWNER			5	0.6	120	1	CORD & PLUG	5-15P	18"	VERIFY WITH ACTUAL EQUIPMENT									131
132 133 134	1 1 1	TRASH / RECYCLING COUNTER SPARE NUMBER SPARE NUMBER	ACF	CUSTOM																		132 133 134
135	1 1		TO BE FABRICATED	CUSTOM		20 011		400	0			40"		0/ <i>A</i> "	40"	0/4"	16"	<u>)</u> " <u>0</u> "	1 1/2"			135
130	1	HOSE REEL	T&S BRASS	B-7242-C08H		J.Z J/4	U	400	3	DIRECI		IÖ		3/4" 1/2"	16"	1/2"	16"	<u> </u>	۷		REFER TO DETAIL FOR INSTALLATION INSTRUCTIONS	130
138	1	CONVEYOR DISHWASHER (LEASED)	CMA	EST-66TALL H L/R		62 1.45	8 13	208	3	DIRECT		60"	ESTIMATED UTILITIES - VERIFY WITH ACTUAL			1/2"	0"		2"		DRAIN TO FLOOR SINK; ESTIMATED UTILITIES - VERIFY WITH ACTUAL	138
138 139	1 2	EQUIPMENT - CONTINUED VENT DUCT	TO BE FABRICATED	CUSTOM		56		208	3	DIRECT		0"		0"	0"	0"	0"	0" 0"	0"	0" 0 0"		138 139
140 141	1 1	CLEAN DISHTABLE BLOWER/DRYER, WAREWASHER	TO BE FABRICATED SAN-AIRE INDUSTRIES	CUSTOM PD-100-M		4.33	0.5	120	1	CORD & PLUG	5-15P		Noise level: 74 dBA									140 141
142 143	2	SOAK SINK, MOBILE	ADVANCE TABCO	9-FSS-20																		142 143
, -TU	1			1						1					1						1	140

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![](_page_37_Picture_9.jpeg)

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F	1 2
А	FOODSERVICE PLUMBING N
	<ul> <li>THIS PLUMBING PLAN AND COORDINATING SCHEDULE IS INTENDED TO AND HEIGHTS, CONNECTION TYPES, POSITIONS, FIXTURE TYPES, AND FOODSERVICE EQUIPMENT SPECIFIED AND SCHEDULED FOR REUSE. TO SHOW PLUMBING REQUIREMENTS AND APPROXIMATE ROUGH-IN L FOR ACTUAL ROUGHING-IN. FOR FINAL ROUGH-IN LOCATIONS, SEE DI FOODSERVICE EQUIPMENT CONTRACTOR.</li> <li>UTILITY REQUIREMENTS INDICATED ARE TO SERVE AS A REFERENCE ARCHITECT AND/OR ENGINEERS IN THE PREPARATION OF THEIR RESF DOCUMENTS. NO ARCHITECTURAL OR ENGINEERING DESIGN SERVIC SEE PLUMBING ENGINEER/ARCHITECT'S DRAWINGS FOR ADDITIONAL</li> <li>PRIOR TO EQUIPMENT INSTALLATION, THE FOODSERVICE EQUIPMENT UTILITY ROUGH-IN LOCATIONS, COORDINATE FIELD CONDITIONS, AND GENERAL CONTRACTOR ANY DISCREPANCIES BETWEEN THE FOODSE EQUIPMENT SPECIFIED, AND THE ROUGH-INS AS THEY OCCUR IN THE</li> </ul>
В	<ul> <li>SHOULD DISCREPANCIES OCCUR, THEY SHALL BE BROUGHT TO THE A CONSULTANT AND/OR PROJECT ARCHITECT/ENGINEER FOR THE CONID OFFICIAL REQUEST FOR INFORMATION.</li> <li>UTILITIES ARE BASED ON MANUFACTURER'S INFORMATION. ACTUAL F BY CODE REQUIREMENTS AND/OR MANUFACTURER'S DIRECTIONS.</li> <li>EXPOSED UTILITY LINES AND PIPES SHALL BE INSTALLED IN A WAY TH PREVENT THE CLEANING OF FLOORS, WALLS, AND CEILING AREAS (21 MINIMUM OFF FLOORS).</li> <li>GAS COOKING EQUIPMENT SHALL BE AGA APPROVED AND FURNISHEI CONTRACTOR WITH GAS PRESSURE REGULATORS DESIGNED TO OPE GAS PRESSURE OR LESS.</li> <li>FOODSERVICE EQUIPMENT CONTRACTOR TO FURNISH MECHANICAL O PLUMBING CONTRACTOR TO INSTALL IN GAS SUPPLY LINE, LOCATED SCOOKING EQUIPMENT WHEN ACTIVATED.</li> <li>PLUMBING ENGINEER TO BE RESPONSIBLE FOR ALL CONCERNS AND A PENETRATIONS INTO THE FLOOR AND WALL. BUILDING OWNER TO AF PLUMBING ENGINEER TO LOCATE AREA DRAINS AS REQUIRED FOR GE FACILITY.</li> <li>PLUMBING COMPONENTS MUST NOT INTERFERE WITH THE OPERATIO WHEN APPLICABLE, PLUMBING CONTRACTOR TO INTERCONNECT DISTALL TO APPLICABLE, PLUMBING CONTRACTOR TO INTERCONNECT DISTALL THE OPERATIO WHEN APPLICABLE, PLUMBING CONTRACTOR TO INTERCONNECT DISTALL TO APPLICABLE, PLUMBING CONTRACTOR TO INTERCONNECT DISTALL APPLICABLE, PLUMBING CONTRACTOR TO INTERCONNECT DISTALTOR APPLICABLE, PLUMBING CONTRACTOR TO INTERCONNECT DISTALTOR APPLICABLE, PLUMBING CONTRACTOR TO INTERCONNECT DISTALTOR APPLICABLE, PLUMBING CONTRACTOR TO APPLICABLE APPLICABLE, PLUMBING CONTRACTOR TO APPLICITIONS APPLICABLE APPLICABLE, PLUMBING</li></ul>
	<ul> <li>WHEN APPLICABLE, PLUMBING CONTRACTOR TO INTERCONNECT WAT CONTROL PANELS AS PER MANUFACTURER'S INSTRUCTIONS.</li> <li>WHERE POSSIBLE, UTILITIES SHALL BE CONCEALED WITHIN BUILDING RUN ALONG WALL FACE. DO NOT STUB OUT OF FLOOR AND RUN ON T</li> <li>ANY AND ALL EXPOSED PIPING OR FITTINGS TO BE STAINLESS STEEL, IN A CONCEALED, MOUNTED STAINLESS STEEL CHASE.</li> <li>ALL HORIZONTAL PIPING RUNS EXTENDED TO AND CONNECTED TO EC HIGHEST PRACTICAL ELEVATION AND NOT LESS THAN 6" ABOVE THE F CLEARANCE FOR CLEANING).</li> <li>VENT PIPES TO BE CONCEALED IN WALLS OR COLUMN CHASES. USE FIXTURES, AS ALLOWED BY LOCAL CODES.</li> <li>LINES ROUTED THROUGH EQUIPMENT SHALL NOT INTERFERE WITH TI SERVICING OF EQUIPMENT.</li> <li>DRINKING FOUNTAINS ARE BY PLUMBING TRADES. VERIFY UTILITY RE ENGINEER.</li> <li>FLOOR DRAINS, FUNNEL FLOOR DRAINS, FLOOR SINKS, ETC. LOCATEEL WASHING SINKS, AND DISHMACHINES MUST HAVE REMOVABLE BASKE FLOOR TROUGH DRAINS MUST ALSO BE PROVIDED WITH REMOVABLE BASHING SINKS, AND DISHMACHINES MUST HAVE REMOVABLE BASKE FLOOR TROUGH DRAINS MUST ALSO BE PROVIDED WITH REMOVABLE BASHING SINKS, AND DISHMACHINES MUST HAVE REMOVABLE BASKE FLOOR TROUGH DRAINS MUST ALSO BE PROVIDED WITH REMOVABLE FLUSH WITH THE FINISHED FLOOR. NO RAISED FLOOR SINKS SHALL BE FLUSH WITH THE FINISHED FLOOR. NO RAISED FLOOR SINKS SHALL BE FUNCE AREAS TO BE RUIN THROUGH GREASE TRAP LIMIESS ON DESTING SHALL BUT HIN SESTING FLOOR STROUGH DRAINS MUST ALSO BE PROVIDED WITH REMOVABLE FLUSH WITH THE FINISHED FLOOR. NO RAISED FLOOR SINKS SHALL BE FLUSH WITH THE FINISHED FLOOR. NO RAISED FLOOR SINKS SHALL BE FLUSH WITH THE FINISHED FLOOR. NO RAISED FLOOR SINKS SHALL BE FLUSH WITH THE FINISHED FLOOR. NO RAISED FLOOR SINKS SHALL BE FLUSH WITH THE FINISHED FLOOR. NO RAISED FLOOR SINKS SHALL BE FLUSH WITH THE FINISHED FLOOR. NO RAISED FLOOR SINKS SHALL BE FLUSH WITH THE FINISHED FLOOR. NO RAISED FLOOR SINKS SHALL BE FLUSH WITH THE FINISHED FLOOR. NO RAISED FLOOR SINKS SHALL BE FLUSH WITH THE FINISHED FLOOR. NO RAISED F</li></ul>
С	<ul> <li>CODE.</li> <li>PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL THE FOLLOWING</li> <li>ALL PLUMBING WORK, LABOR, AND MATERIAL REQUIRED TO CONNECT FURNISHED BY ELECTRICAL CONTRACTOR UNLESS SPECIFICALLY CAI DOCUMENTS. PLUMBING CONTRACTOR SHALL INCLUDE ROUGHING-IN ROUGHING-IN PLANS, FINAL CONNECTIONS FROM ROUGH-IN POINTS T CONNECTIONS, AND THE SUPPLYING OF ALL NECESSARY MATERIALS EXCEPT AS HEREINAFTER NOTED.</li> <li>ALL WATER, WASTE, GAS, AND STEAM SERVICE TO POINT OF ROUGH- OUTLETS TO STUB 4" OUT OF WALLS AT HEIGHT INDICATED FROM FIN SERVICE LINE. FLOOR ROUGH-INS TO STUB UP 3" ABOVE FINISHED FL OPENNINGS OR PENETRATIONS TO BE SEALED WATERTIGHT.</li> <li>FINAL CONNECTIONS TO EQUIPMENT, INCLUDING ALL MATERIALS (STO VALVES, FILTERS, TRAPS, CHECK VALVES, PIPING OF SUPPLY AND WA SERVICE TO ROUGH-IN, TUBING, ETC.) REQUIRED FOR A COMPLETE IN</li> <li>PRESSURE REDUCING AND/OR REGULATING VALVES FOR DISHWASHE OTHERWISE NOTED IN ALL FOODSERVICE AREAS.</li> <li>GAS PIPING WITH INDIVIDUAL SHUT-OFF VALVES AND INTERMEDIATE I REDUCE INCOMING BUILDING PRESSURE TO LEVEL SUITABLE FOR EQ FLOOR SINKS, COMPLETE WITH TOP GRATES AND REMOVABLE SEDIM</li> </ul>
D	<ul> <li>SET FLUSH WITH FINISHED FLOOR, EXCEPT AS OTHERWISE NOTED.</li> <li>WASTE LINES, DIRECT OR INDIRECT, EXCEPT AS OTHERWISE NOTED. SHALL BE AS INDICATED ON PLAN REGARDLESS OF CONNECTION, ANI MAINTAIN DRAIN LINES AS HIGH AS POSSIBLE (MINIMUM 6" CLEAR ABC SANITATION AND CLEANING. WASTE LINES SHALL HAVE ADEQUATE C CODES.</li> <li>INDIRECT CONDENSATE DRAINLINES FOR WALK-IN COOLER/FREEZER, HORIZONTAL RUN AND TERMINATING IN A P-TRAP OVER A FLOOR SINF INSULATION OF ALL DRAINLINES WITHIN FREEZER COMPARTMENTS.</li> <li>REQUIRED GREASE INTERCEPTORS, OUTSIDE THE BUILDING WHERE I INTERCEPTORS ARE TO BE RECESSED, FLUSH WITH THE TOP OF THE SPECIFIED OTHERWISE) AND REMOVAL OF COVER SHALL NOT INTERF FOODSERVICE EQUIPMENT. STRICT COORDINATION WITH EQUIPMENT GREASE INTERCEPTOR IS TO BE SET ABOVE THE FLOOR OR UNDER E</li> <li>FIRE SUPPRESSION GAS SHUT-OFF VALVE (SOLENOID, EITHER MANU/ FIRE SUPPRESSION SYSTEM CONTRACTOR (IF GAS COOKING EQUIPM VACUUM BREAKERS AS REQUIRED BY LOCAL, STATE, AND NATIONAL (INSULATION ON HOT WATER AND CONDENSATE RETURN LINES WITHI SUCH LINES ARE TO BE COLOR-CODED ACCORDING TO LOCAL CODES CLEAN OUT VALVES FOR STEAM AND CONDENSATE RETURN LINES.</li> <li>ITEMS NOT FURNISHED AS A STANDARD PART OF THE EQUIPMENT EQUIPMENT BY FOVIDED BY FOODSERVICE EQUIPMENT CONTRACTOR AND FURNISHE COLOMENT MANUFACTURERS ARE TO BE MOUNTED AND PLUMBED C CONTRACT.</li> </ul>
5/1/2020 12:16:25 PM M	

### NOTES

O SHOW ROUGH-IN LOCATIONS LOAD REQUIREMENTS FOR THIS PLUMBING PLAN IS INTENDED LOCATIONS ONLY. DO NOT USE DIMENSIONED PLANS PROVIDED BY

E TO THE LICENSED PROFESSIONAL PECTIVE BID AND CONSTRUCTION CES ARE INTENDED OR ASSUMED. INFORMATION.

T CONTRACTOR SHALL CHECK CALL TO THE ATTENTION OF THE SERVICE UTILITY PLANS, THE E FIELD.

ATTENTION OF THE FOODSERVICE IFLICT TO BE CLARIFIED IN AN ROUGHING-IN TO BE DETERMINED

HAT DOES NOT OBSTRUCT OR 2 INCHES OFF WALLS AND 6 INCHES

ED BY FOODSERVICE EQUIPMENT ERATE WITH 14" W.C. INCOMING

GAS SOLENOID VALVE LOOSE FOR SO AS TO SHUT OFF GAS TO

ARRANGEMENTS REGARDING PPROVE PRIOR TO CONSTRUCTION. ENERAL CLEANING OF THE

ON OF FOODSERVICE EQUIPMENT. HMACHINE WITH BOOSTER ATER-WASH VENTILATORS WITH

G WALLS OR COLUMN CHASES, NOT THE FACE OF THE WALL. L, CHROME PLATED, OR ENCLOSED

QUIPMENT ITEMS SHALL BE AT THE FINISHED FLOOR (TO PROVIDE

E LOOP VENTS FOR ISLAND

THE INTENDED USE OF OR EQUIREMENTS WITH PLUMBING

D AT FOOD PREP SINKS, POT ETS TO CATCH FOOD PARTICLES.

E BASKETS AND TO BE INSTALLED BE INSTALLED. ALL DRAINS IN OTHERWISE ALLOWED BY LOCAL

CT THIS EQUIPMENT IS TO BE LLED FOR IN FOODSERVICE N TO POINTS INDICATED ON TO EQUIPMENT REQUIRING THOSE AND LABOR FOR THIS WORK

-IN AS SHOWN ON PLAN. ROUGH-IN NISHED FLOOR TO CENTERLINE OF LOOR OR CURB. ALL FLOOR

OPS, LINE STRAINERS, TAILPIECES, ASTE LINES FROM BUILDING NSTALLATION.

IERS, BOOSTER HEATERS, OR AS REGULATORS AS REQUIRED TO

QUIPMENT. MENT BUCKETS. FIXTURES TO BE

. MINIMUM DIAMETER OF LINE ND SHALL BE PITCHED DOWNWARD. OVE FINISHED FLOOR) FOR CLEAN-OUT PROVISIONS PER LOCAL

R, PITCHED 4" PER 12" OF

POSSIBLE. INDOOR GREASE E FINISHED FLOOR (UNLESS FERE WITH THE OPERATION OF

NT AND LOCAL CODES REQUIRED IF EQUIPMENT. IAL OR ELECTRIC) AS SUPPLIED BY IENT IS USED).

CODES. IN THE FOODSERVICE AREAS.

Y THE MANUFACTURER. FAUCETS SHED LOOSE AS STANDARD BY COMPLETE UNDER THE PLUMBING

![](_page_39_Figure_28.jpeg)

1 CLEAN DISHTABLE DETAIL QF301 NOT TO SCALE

![](_page_39_Picture_34.jpeg)

![](_page_40_Figure_0.jpeg)

![](_page_40_Figure_1.jpeg)

![](_page_40_Figure_2.jpeg)

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	FOODSERVICE ELECTRICAL NOTES
	<ul> <li>THIS ELECTRICAL PLAN AND COORDINATING SCHEDULE IS INTENDED TO SHOW ROUGH-IN LOCATION AND HEIGHTS, CONNECTION TYPES, POSITIONS, FIXTURE TYPES, AND LOAD REQUIREMENTS FOR FOODSERVICE EQUIPMENT SPECIFIED AND SCHEDULED FOR REUSE. THIS ELECTRICAL PLAN IS INTENDED TO SHOW ELECTRICAL REQUIREMENTS AND APPROXIMATE ROUGH-IN LOCATIONS ONLY. DO NOT USE FOR ACTUAL ROUGHING-IN. FOR FINAL ROUGH-IN LOCATIONS, SEE DIMENSIONED PLAN PROVIDED BY FOODSERVICE EQUIPMENT CONTRACTOR.</li> </ul>
A	<ul> <li>UTILITY REQUIREMENTS INDICATED ARE TO SERVE AS A REFERENCE TO THE LICENSED PROFESSIONAL ARCHITECT AND/OR ENGINEERS IN THE PREPARATION OF THEIR RESPECTIVE BID AI CONSTRUCTION DOCUMENTS. NO ARCHITECTURAL OR ENGINEERING DESIGN SERVICES ARE INTENDED OR ASSUMED. SEE ELECTRICAL ENGINEER/ARCHITECT'S DRAWINGS FOR ADDITIONAL INFORMATION</li> </ul>
	<ul> <li>PRIOR TO EQUIPMENT INSTALLATION, THE FOODSERVICE EQUIPMENT CONTRACTOR SHALL CHECK UTILITY ROUGH-IN LOCATIONS, COORDINATE FIELD CONDITIONS, AND CALL TO THE ATTENTION OF THE GENERAL CONTRACTOR ANY DISCREPANCIES BETWEEN THE FOODSERVICE UTILITY PLANS, TH EQUIPMENT SPECIFIED, AND THE ROUGH-INS AS THEY OCCUR IN THE FIELD.</li> <li>SHOULD DISCREPANCIES OCCUR, THEY SHALL BE BROUGHT TO THE ATTENTION OF THE FOODSERVICE CONSULTANT AND/OR PROJECT ARCHITECT/ENGINEER FOR THE CONFLICT TO BE CLARIFIED IN AN OFFICIAL REQUEST FOR INFORMATION.</li> <li>ELECTRICAL LOADS ARE BASED ON MANUFACTURER'S INFORMATION. MINIMUM CIRCUIT AMPACITY</li> </ul>
	AND OVERCURRENT PROTECTION TO BE DETERMINED BY CODE REQUIREMENTS AND/OR MANUFACTURER'S DIRECTIONS. • EXPOSED UTILITY LINES AND PIPES SHALL BE INSTALLED IN A WAY THAT DOES NOT OBSTRUCT OR PREVENT THE CLEANING OF FLOORS. WALLS, AND CEILING AREAS (2 INCHES OFF WALLS AND 6
	<ul> <li>INCHES MINIMUM OFF FLOORS).</li> <li>ELECTRICAL ENGINEER TO BE RESPONSIBLE FOR ALL CONCERNS AND ARRANGEMENTS REGARDING PENETRATIONS INTO THE FLOOR AND WALL. BUILDING OWNER TO APPROVE PRIOR TO CONSTRUCTION.</li> </ul>
	<ul> <li>ELECTRICAL ENGINEER TO LOCATE RECEPTACLES IN STORAGE AREA AS REQUIRED BY LOCAL BUILDING CODE.</li> <li>ELECTRICAL COMPONENTS MUST NOT INTERFERE WITH THE OPERATION OF FOODSERVICE FOUR MENT</li> </ul>
D	<ul> <li>IT IS THE RESPONSIBILITY OF THE ELECTRICIAN TO REVIEW THE MANUFACTURERS' INSTALLATION INSTRUCTIONS FOR ALL FOODSERVICE EQUIPMENT REQUIREMENT ELECTRICAL CONNECTIONS. SOME MAY REQUIRE MULTIPLE CONNECTIONS.</li> <li>REVIEW ALL GENERAL NOTES, SHEET QF100.</li> </ul>
В	ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL THE FOLLOWING:     ELECTRICAL ROUGH-IN     ALL ELECTRICAL WORK LABOR AND MATERIAL REQUIRED TO CONNECT THIS FOLLOMENT IS TO BE
	<ul> <li>ALL ELECTRICAL WORK, LABOR, AND MATERIAL REQUIRED TO CONNECT THIS EQUIPMENT IS TO BE FURNISHED BY ELECTRICAL CONTRACTOR UNLESS SPECIFICALLY CALLED FOR IN FOODSERVICE DOCUMENTS. ELECTRICAL CONTRACTOR SHALL INCLUDE ROUGHING-IN TO POINTS INDICATED ON ROUGHING-IN PLANS, FINAL CONNECTIONS FROM ROUGH-IN POINTS TO EQUIPMENT REQUIRING THOSE CONNECTIONS, AND THE SUPPLYING OF ALL NECESSARY MATERIALS AND LABOR FOR THIS WORK EXCEPT AS HEREINAFTER NOTED.</li> <li>ELECTRICAL BUILDING SERVICES INCLUDING BUT NOT LIMITED TO CONDUIT. WIRING, LINE AND</li> </ul>
	DISCONNECT SWITCHES, SAFETY CUTOFFS AND FITTINGS, CONTROL PANELS, FUSES. BOXES AND FITTINGS REQUIRED FOR COMPLETE INSTALLATION (EXCEPT INTERNAL WIRING AS SPECIFIED OR INDICATED OTHERWISE ON DRAWINGS).
	<ul> <li>FINAL ELECTRICAL CONNECTIONS TO EQUIPMENT SHALL BE BY THE ELECTRICAL CONTRACTOR, INCLUDING ALL REQUIRED MATERIALS (SUCH AS LINE AND DISCONNECT SWITCHES, SAFETY CUTOUTS, CONTROL PANELS, FUSE BOXES OR OTHER ELECTRICAL CONTROLS, FITTINGS, CONDUITS AND CONNECTIONS). ITEMS NOT FURNISHED AS A STANDARD PART OF THE EQUIPMENT BY THE MANUFACTURER ARE TO BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. STARTING SWITCHES PROVIDED BY FOODSERVICE FOULPMENT CONTRACTOR AND FURNISHED LOOP</li> </ul>
	AS A STANDARD BY THE EQUIPMENT MANUFACTURER ARE TO BE MOUNTED AND WIRED COMPLETE UNDER THE ELECTRICAL CONTRACT. • FINAL CONNECTIONS, INCLUDING MOUNTING AND WIRING OF STARTERS AND SWITCHES FURNISHED
	<ul> <li>AS PART OF THE FOODSERVICE EQUIPMENT (UNLESS OTHERWISE INDICATED ON DRAWINGS).</li> <li>JUNCTION BOXES, ELECTRICAL OUTLETS, COVER PLATES, SWITCHES, ETC. NOT BUILT INTO FIXTURE OR EQUIPMENT. ALL RECEPTACLES, COVER PLATES, ETC. IN FOODSERVICE AREAS SHALL BE MOISTURE PROOF. ELECTRICIAN TO PROVIDE BRUSHED STAINLESS STEEL COVER PLATES AT ALL SERVICE AND CONVENIENCE OUTLETS.</li> <li>PLUGS AND CORDS THAT ARE NEMA RATED AND UL APPROVED FOR MANUFACTURER AND</li> </ul>
С	<ul> <li>FABRICATED EQUIPMENT.</li> <li>SHUNT-TRIP CIRCUIT BREAKERS OR DISCONNECTS FOR FIRE SUPPRESSION SYSTEM SHUT-OFF FOR EQUIPMENT BENEATH VENTILATORS AS REQUIRED BY NFPA-96 AND LOCAL, STATE, AND NATIONAL CODES.</li> </ul>
	<ul> <li>GFI RECEPTACLES AS REQUIRED BY LOCAL, STATE, AND NATIONAL CODES.</li> <li>DISCONNECTS OR OTHER DEVICES AS MAY BE REQUIRED BY LOCAL, STATE, AND NATIONAL CODES.</li> <li>ELECTRICIAN TO PROVIDE "TOMB STONE" STYLE HIGH IMPACT POLYCARBONATE OUTLET COVER WITH HINGED BASE AND WATER PROOF GASKET AT +2" AFF. PROVIDE TYPE OF OUTLET AS SHOWN ON PLAN. UNIT SHALL HAVE A MINIMUM OF TWO 3/4" CONDUITS ENTER THROUGH THE BOTTOM OF EACH BOX. ALIGN CONDUITS PARALLEL WITH TABLE OR CABINET.</li> </ul>
	WHEN APPLICABLE, THE ELECTRICAL CONTRACTOR SHALL PROVIDE CIRCUIT AND WIRING, INSTALL ELECTRICAL COMPONENTS (PROVIDED BY THE FOODSERVICE EQUIPMENT CONTRACTOR), AND INTERWIRE BETWEEN THE FOUL OWING:
	<ul> <li>EXHAUST HOODS FURNISHED BY FOODSERVICE EQUIPMENT CONTRACTOR WITH LIGHT FIXTURES, EMPTY CONDUIT TO JUNCTION BOX, AND PRE-WIRE PACKAGE. ELECTRICAL CONTRACTOR TO INTERCONNECT TO SWITCHES AND MAKE ALL FINAL CONNECTIONS.</li> </ul>
	STAINLESS STEEL UTILITY CHASE SHALL BE FURNISHED BY FOODSERVICE EQUIPMENT CONTRACTO WITH HOLES CUT FOR RECEPTACLES AND CORD AND PLUG SETS LOOSE. ELECTRICAL CONTRACTO TO INSTALL AND WIRE EACH RECEPTACLE ON UTILITY CHASE AND MAKE FINAL CONNECTIONS. ELECTRICAL CONTRACTOR TO CONNECT ALL CORD AND PLUG SETS TO EQUIPMENT.
	<ul> <li>FIRE SUPPRESSION SYSTEM FURNISHED BY FOODSERVICE EQUIPMENT CONTRACTOR WITH APPLIANCE SHUT-OFF FEATURE. ELECTRICAL CONTRACTOR TO INTERCONNECT TO SHUNT TRIPS PI MANUFACTURER'S DIAGRAM SO AS TO SHUT OFF ALL EQUIPMENT UNDER HOODS WITH ACTIVATED.</li> <li>POWER TO ALL ELECTRICALLY OPERATED COOKING EQUIPMENT UNDER HOODS TO BE FROM PANEL WHERE MAIN BREAKER IS INTERWIRED WITH THE FIRE SUPPRESSION SYSTEM AND/OR FIRE</li> </ul>
	<ul> <li>UPON EITHER MANUAL OR AUTOMATIC OPERATION OF THE FIRE SUPPRESSION SYSTEM. ALL INTERWIRING BY ELECTRICAL CONTRACTOR.</li> <li>HOOD CONTROLS AND FIRE SUPPRESSION SYSTEMS EACH REQUIRE 24-HOUR EMERGENCY</li> </ul>
D	<ul> <li>ELECTRICAL SERVICE.</li> <li>ELECTRICAL CONTRACTOR TO PROVIDE CIRCUITS ON ROOF FOR EXHAUST/SUPPLY FANS. VERIFY UTILITIES REQUIRED WITH MECHANICAL CONTRACTOR AND LOCATION OF UNITS WITH GENERAL CONTRACTOR. FINAL CONNECTIONS BY ELECTRICAL CONTRACTOR.</li> </ul>
	<ul> <li>DISHMACHINE SHALL BE FURNISHED BY FOODSERVICE EQUIPMENT CONTRACTOR PRE-WIRED TO INTEGRAL CONTROL PANEL AND READY FOR FINAL CONNECTION BY ELECTRICAL CONTRACTOR.</li> <li>DISHMACHINE SHALL BE FURNISHED WITH EXHAUST FAN CONTROL SWITCH BY FOODSERVICE EQUIPMENT CONTRACTOR. ELECTRICAL CONTRACTOR TO INTERCONNECT TO EXHAUST FAN SO THAT</li> </ul>
	<ul> <li>FAN OPERATES WHEN DISHMACHINE IS TURNED ON.</li> <li>DISHMACHINE SHALL BE FURNISHED WITH LIMIT SWITCH BY FOODSERVICE EQUIPMENT CONTRACTOR ELECTRICAL CONTRACTOR TO INTERCONNECT AND MAKE FINAL CONNECTIONS.</li> <li>COLD STORAGE ROOMS SHALL BE EURNISHED BY FOODSERVICE FOURMENT CONTRACTOR WITH</li> </ul>
	<ul> <li>PRE-WIRED LIGHT AND SWITCH AT DOOR PANEL. ELECTRICAL CONTRACTOR TO PROVIDE INTERCONNECTING WIRING TO EXTRA LIGHT FIXTURES AND MAKE FINAL CONNECTIONS.</li> <li>REFRIGERATION SYSTEMS SHALL BE FURNISHED AND INSTALLED BY FOODSERVICE EQUIPMENT</li> </ul>
	<ul> <li>CONTRACTOR. DEFROST CONTROL WIRING BETWEEN FREEZER CONDENSING UNIT AND EVAPORATOR COIL SHALL BE BY ELECTRICAL CONTRACTOR. FINAL ELECTRICAL DROPS AND DISCONNECTS FOR CONDENSING UNITS AND EVAPORATOR COILS SHALL BE FURNISHED BY ELECTRICAL CONTRACTOR.</li> <li>DISPOSERS SHALL BE FURNISHED BY FOODSERVICE EQUIPMENT CONTRACTOR WITH SOLENOID VALVE AND AUTO-REVERSING CONTROL CENTER WITH MAGNETIC STARTER AND START/STOP</li> </ul>
	<ul> <li>UTILITY DISTRIBUTION SYSTEM SHALL BE FURNISHED BY FOODSERVICE EQUIPMENT CONTRACTOR PRE-WIRED AND READY FOR FINAL CONNECTION BY ELECTRICAL CONTRACTOR. FOODSERVICE EQUIPMENT CONTRACTOR TO FURNISH CORD AND PLUG SETS FOR INSTALLATION TO EQUIPMENT B' ELECTRICAL CONTRACTOR. ANY NECESSARY INTERWIRING AND FINAL CONNECTIONS TO THE EQUIPMENT SHALL BE BY THE ELECTRICAL CONTRACTOR.</li> </ul>
	<ul> <li>AIR CURTAIN FAN TO BE FURNISHED BY FOODSERVICE EQUIPMENT CONTRACTOR WITH DOOR SWITCH. ELECTRICAL CONTRACTOR TO PROVIDE MASTER SWITCH, INTERWIRE DOOR SWITCH, AND MAKE FINAL CONNECTIONS.</li> </ul>
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![](_page_41_Figure_25.jpeg)

![](_page_41_Picture_28.jpeg)

![](_page_42_Figure_0.jpeg)

![](_page_42_Figure_8.jpeg)

![](_page_42_Figure_9.jpeg)

	FOODSERVICE VENTILATION SCHEDULE									
ITEM NO.	QTY.	DESCRIPTION	EXHAUST QTY.	EXHAUST WIDTH	EXHAUST DEPTH	EXHAUST CFM	EXHAUST S.P.	MU AIR QTY.	MU AIR WIDTH	VENTILATION REMARKS
138	1	CONVEYOR DISHWASHER (LEASED)		0"	0"	0	0			
139	2	VENT DUCT		4"	16"	200	400			

![](_page_42_Picture_14.jpeg)

![](_page_43_Figure_0.jpeg)

![](_page_43_Figure_2.jpeg)

![](_page_43_Figure_3.jpeg)

![](_page_43_Picture_8.jpeg)

![](_page_44_Figure_0.jpeg)

![](_page_44_Figure_1.jpeg)

![](_page_44_Figure_2.jpeg)

![](_page_44_Figure_4.jpeg)

	KEY NOTES
1	STAINLESS STEEL 3" RAISED ROLLED RIM
2	BACKSPLASH
3	SIDE SPLASH
4	LEVER WASTE
5	6" STAINLESS STEEL LEGS
6	STAINLESS STEEL LEGS WITH ADJUSTABLE BULLET FEET
7	3 CM QUARTZ TOP
8	SIDE AND REAR CROSSRAILS
9	LAMINATE ON TOP OF STAINLESS BODY WITH 1 1/4" REVEAL
10	6" STAINLESS STEEL KICK PLATE (DETACHABLE, ATTACHES 2 LEGS
11	PASS-THRU WINDOW IS SHOWN FOR REFERENCE ONLY. REFER TO ARCHITECTURAL DRAWINGS FOR PASS-THRU WINDOW SPECIFICATIONS AND DETAILS.
12	SNEEZE GUARD TO BE INSTALLED PER NSF2 REQUIREMENTS. LOCATE DROP-IN AND SNEEZE GUARD SO THAT GLASS DOES NOT EXTEND PAST THE COUNTER.

![](_page_44_Picture_11.jpeg)

![](_page_45_Figure_0.jpeg)

![](_page_45_Figure_3.jpeg)

![](_page_45_Figure_4.jpeg)

![](_page_45_Figure_7.jpeg)

![](_page_45_Figure_8.jpeg)

	KEY NOTES
1	STAINLESS STEEL 3" RAISED ROLLED RIM
2	BACKSPLASH
3	SIDE SPLASH
4	LEVER WASTE
5	6" STAINLESS STEEL LEGS
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12	SNEEZE GUARD TO BE INSTALLED PER NSF2 REQUIREMENTS. LOCATE DROP-IN AND SNEEZE GUARD SO THAT GLASS DOES NOT EXTEND PAST THE COUNTER.

![](_page_45_Picture_13.jpeg)

![](_page_46_Figure_0.jpeg)

![](_page_46_Figure_3.jpeg)

2 HOME COOKED STATION QF702 3/4" = 1'-0"

	KEY NOTES
1	STAINLESS STEEL 3" RAISED ROLLED RIM
2	BACKSPLASH
3	SIDE SPLASH
4	LEVER WASTE
5	6" STAINLESS STEEL LEGS
6	STAINLESS STEEL LEGS WITH ADJUSTABLE BULLET FEET
7	3 CM QUARTZ TOP
8	SIDE AND REAR CROSSRAILS
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10	6" STAINLESS STEEL KICK PLATE (DETACHABLE, ATTACHES 2 LEGS
11	PASS-THRU WINDOW IS SHOWN FOR REFERENCE ONLY. REFER TO ARCHITECTURAL DRAWINGS FOR PASS-THRU WINDOW SPECIFICATIONS AND DETAILS.
12	SNEEZE GUARD TO BE INSTALLED PER NSF2 REQUIREMENTS. LOCATE DROP-IN AND SNEEZE GUARD SO THAT GLASS DOES NOT EXTEND PAST THE COUNTER.

![](_page_46_Picture_9.jpeg)