

FLOOR FINISH SCHEDULE



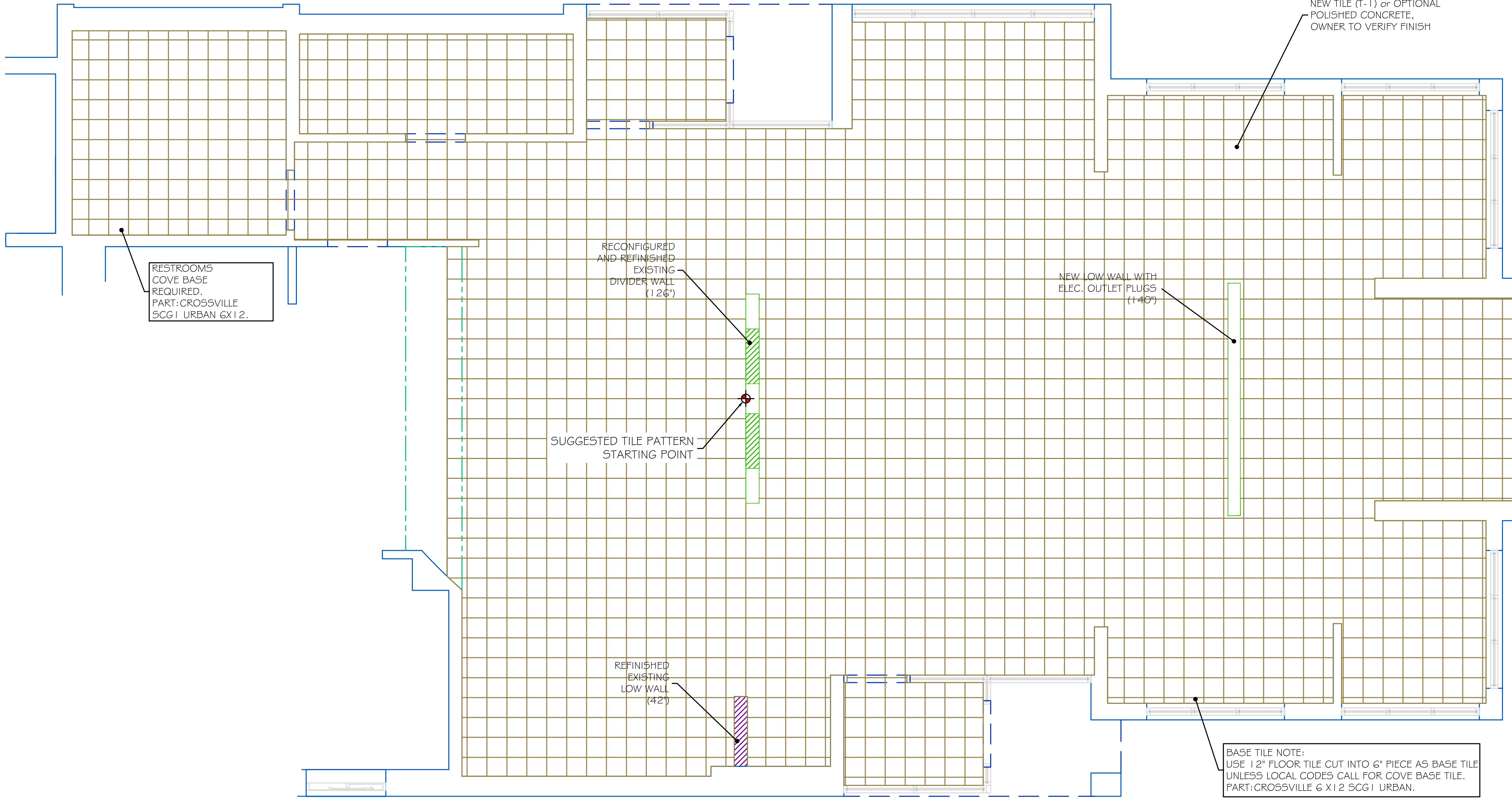
DINING ROOM FLOOR TILE:

MAIN FLOOR TILE: CROSSVILLE (T1)
 PATTERN: SCG1 URBAN
 SIZE: 12" x 12"
 $\frac{3}{16}$ " WIDTH #60 CHARCOAL
 BASE TILE: CROSSVILLE (T3) (SEE NOTES ON FTP1)
 PATTERN: SCG1 URBAN
 BASE TILE: USE 12" FLOOR TILE CUT INTO 6" PIECE UNLESS LOCAL CODES
 REQUIRE COVE BASE. SIZE: 12" x 6"
 GROUT: CUSTOM BUILDING PRODUCTS
 $\frac{3}{16}$ " WIDTH #60 CHARCOAL

FURNISHED BY G.C. INSTALLED BY G.C.

CONTACT:
 MERIDITH LOCKER
 678-527-8453

IMPORTANT TILING NOTES:
 1) G.C. IS TO CONTACT REP LISTED ON SPECIFICATIONS PAGE PRIOR TO ORDERING ANY FLOOR OR WALL TILE. DO NOT PLACE ORDER THROUGH LOCAL DISTRIBUTOR BEFORE TALKING TO ARBY'S NATIONAL ACCOUNT REP.
 2) ALL GROUT LINES TO BE STANDARD WIDTHS.



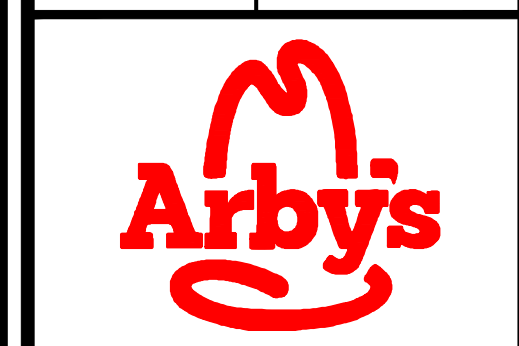
BASE TILE NOTE:
 USE 12" FLOOR TILE CUT INTO 6" PIECE AS BASE TILE UNLESS LOCAL CODES CALL FOR COVE BASE TILE. PART: CROSSVILLE 6 X 12 SCG1 URBAN.

GC NOTE: PLEASE CHECK WITH CUSTOMER ON FLOOR FINISH OPTIONS.

WILLOWICK, OH (Vine Street) STORE No.: # 1832

REVISION	DATE	BY

SHEET TITLE: FLOOR TILE PATTERN
 SCALE: 3/16" = 1'-0"
 ADDRESS: 31219 Vine Street
 Willowick, OH



ACCOUNT: Arby's
 DESIGN BY: J.V.
 DATE: 07/02/24
 PROJECT NO.: FTP1_04853
 REVISION: 00 SHEET NO.: 11



TRIM PACKAGE

TOP CAP: **FURNISHED BY** CMI **INSTALLED BY** G.C.

DESCRIPTION: 1" X 9-1/2" WOOD PAINTED (S1)
FINISH: SHERWIN WILLIAMS PEPPERCORN SW7674

CHAIR RAIL: **FURNISHED BY** CMI **INSTALLED BY** G.C.

DESCRIPTION: 3" X 3" WOOD - WOOD PAINTED (S2)
FINISH: SHERWIN WILLIAMS PEPPERCORN SW7674

ACCENT TRIM: **FURNISHED BY** CMI **INSTALLED BY** G.C.

DESCRIPTION: 3/4" X 2" WOOD PAINTED (S3)
FINISH: SHERWIN WILLIAMS PEPPERCORN SW7674

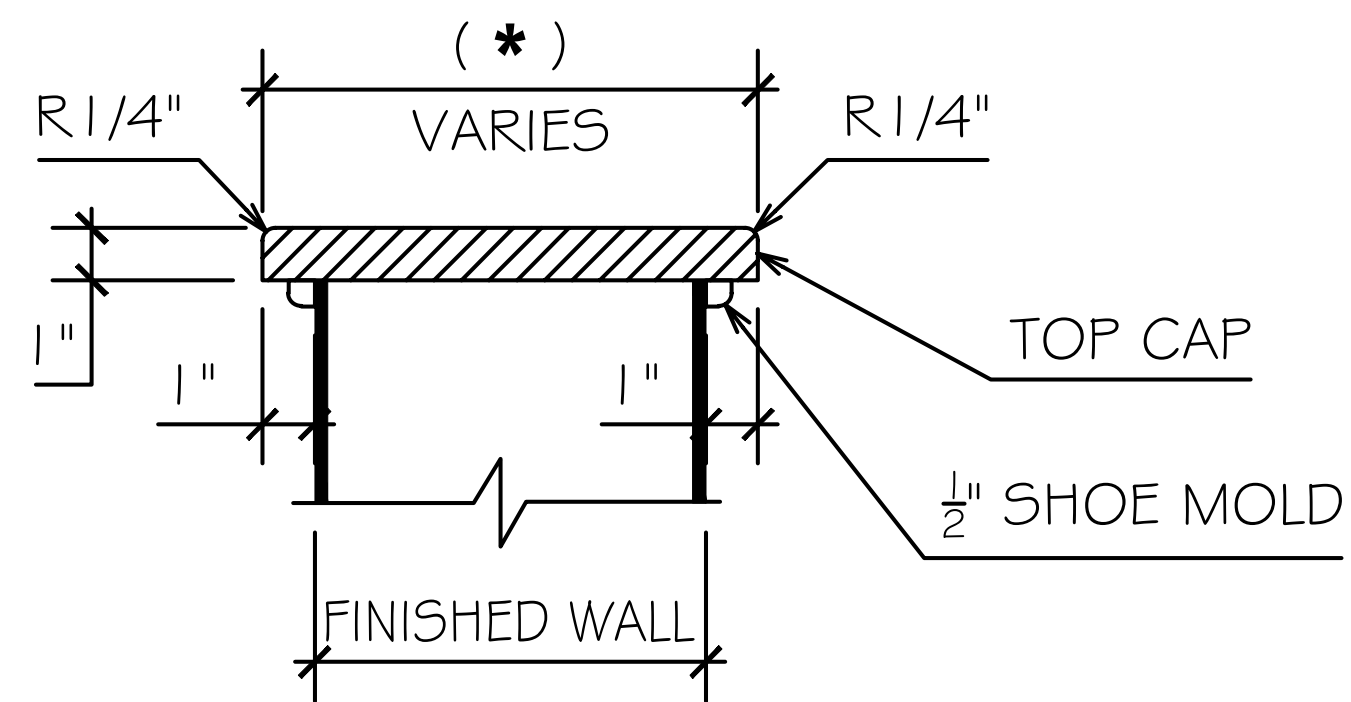
SHOE MOULD: **FURNISHED BY** CMI **INSTALLED BY** G.C.

DESCRIPTION: 3/8" X 1/2" OAK SHOE MOULDING (S1)
FINISH: STAINED TO MATCH PIONITE WW011 'KINGSLEY'

SCHLUTER STRIP: **FURNISHED BY** G.C. **INSTALLED BY** G.C.

DESCRIPTION: SCHLUTER SQUARE TILE EDGE PROTECTOR
- QUADEC Q100MGS (3/8")
- QUADEC Q80MGS (5/16")
FINISH: MATTE BLACK (RAL 9011) COLOR-COATED ALUMINUM
G.C. TO CHOOSE SCHLUTER DEPENDING ON TILE THICKNESS
INSTALL QUESTIONS: WWW.YOUTUBE.COM/WTCH?V=KPO0MDPEGE0

CONTACT:
JASON WEEKS
678-687-7802



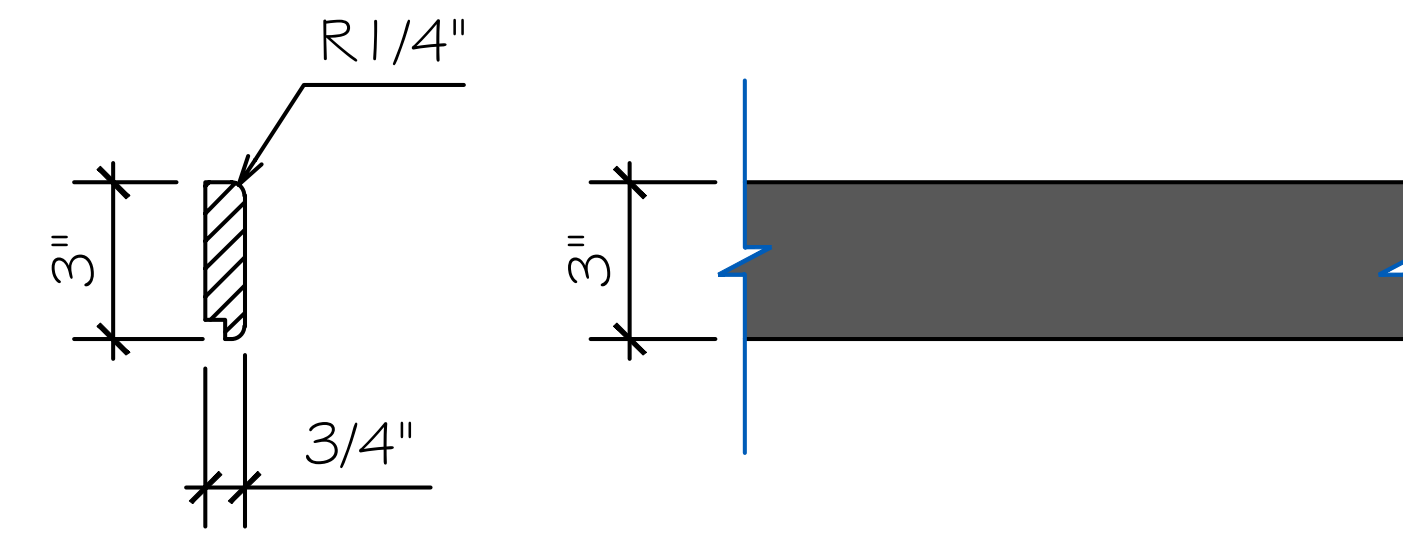
[* = FINISHED WALL + 2"] SEE DVP1 SHEET 16 FOR FINISHED WALLS DIMENSIONS

(S-1)

(1" THK DIV WALL TOP CAP)

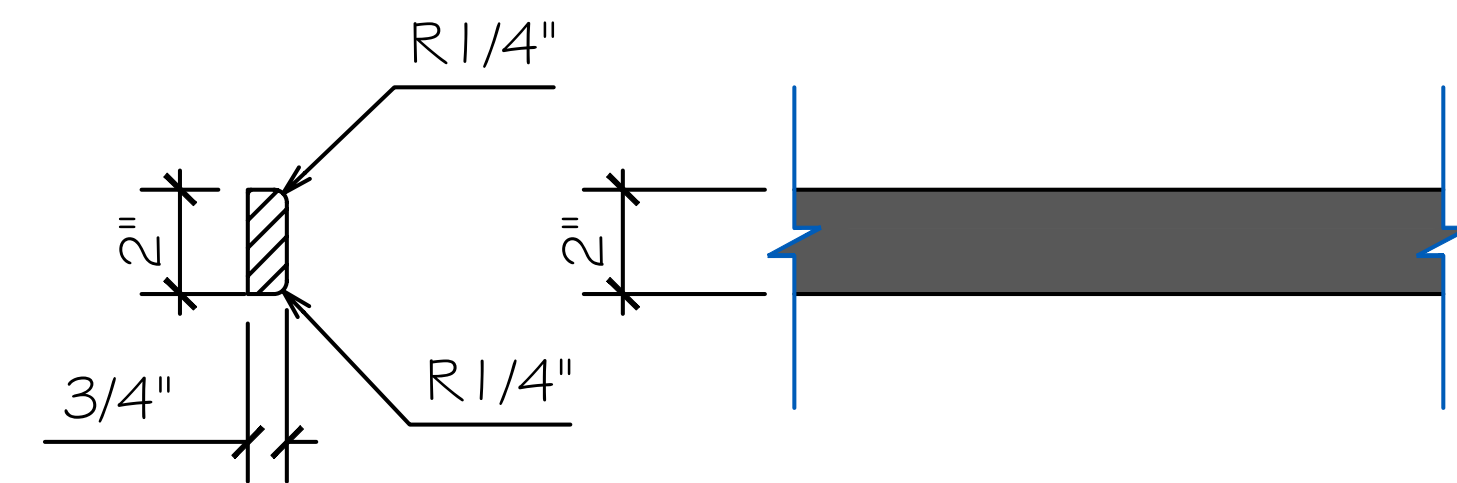
FOR SERVICE COUNTER DETAIL REFER TO ARCHITECTURAL PLANS OR "KES" SHOP DRAWINGS.

FSC SECTION DETAIL



(S-2)

(3/4" x 3" CHAIR RAIL)



(S-3)

(3/4" x 2" ACCENT TRIM)



INSTALL QUESTIONS REFER TO:
WWW.YOUTUBE.COM/WATCH?V=KPO0MDPEGE0

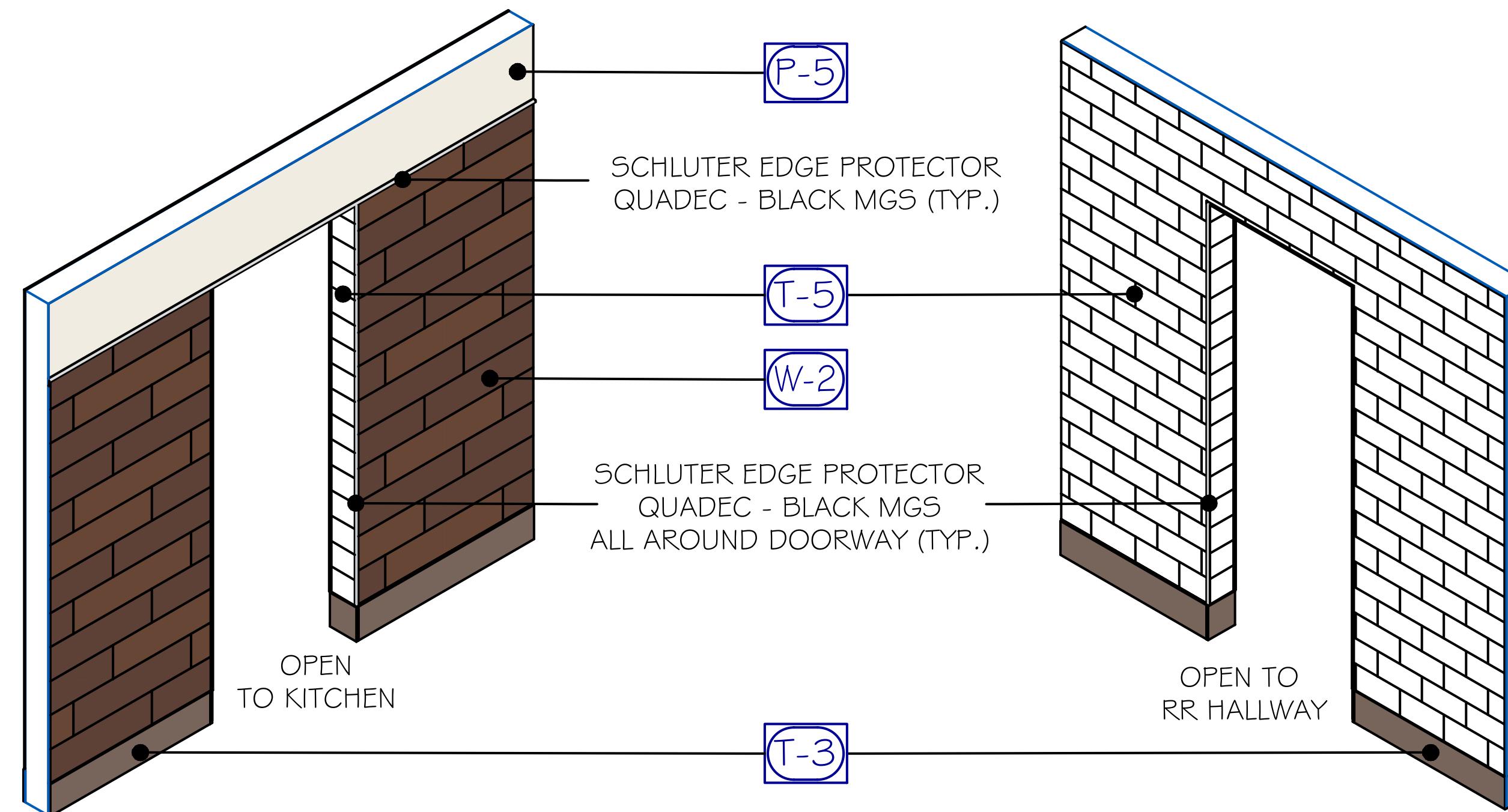
G.C. TO CHOOSE THE CORRECT SCHLUTER CORNER BASED ON TILE THICKNESS

CONTACT:
JASON WEEKS @ 678-687-7802

QUADEC Q100MGS (3/8")

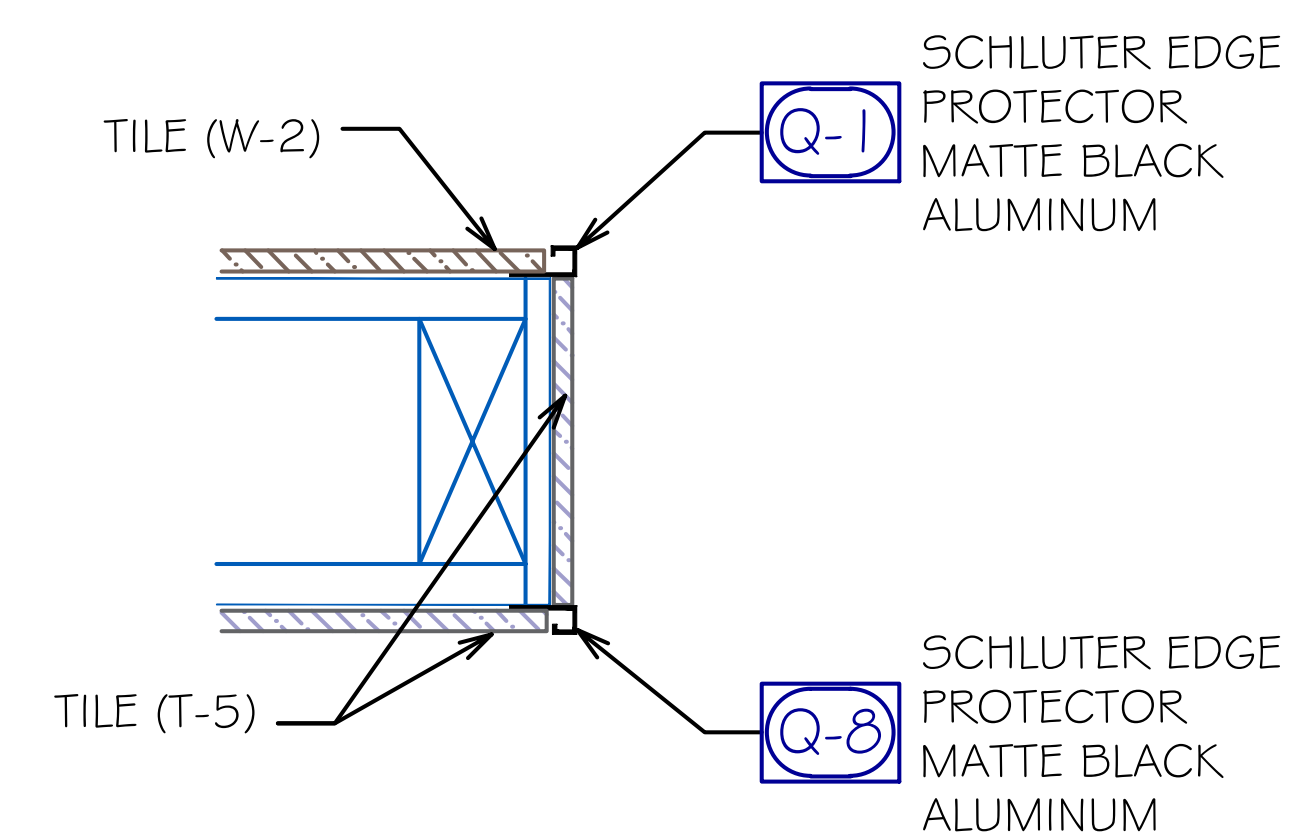
QUADEC Q80MGS (5/16")

NOTE:
TILED WALLS TO RECEIVE MATTE BLACK ALUMINUM SCHLUTER EDGE PROTECTOR ON ALL OUTSIDE CORNERS.



NOTE:
ALL FILL PATTERNS SHOWN ON THE DRAWINGS/ELEVATIONS ARE ONLY TO HELP SHOW DESIGN INTENT. THEY DO NOT REPRESENT THE TRUE INSTALL PATTERN.

RESTROOM / KITCHEN WALL SPECs DETAIL



WALL SECTION DETAIL
AT WALK THROUGH

STORE No.: # 1832

WILLOWICK, OH (Vine Street)

CITY, ST



REVISION	DATE	BY

DETAILS	SCALE: 1-1/2" = 1'-0"
SHEET TITLE:	31219 Vine Street
ADDRESS:	Willowick, OH

ACCOUNT:	Arby's
DESIGN BY:	J.V.
DATE:	07/02/24
PROJECT NO.:	D1_04853
REVISION:	00
SHEET NO.:	12



DECOR SPECIFICATIONS

GENERAL NOTE: IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR ("GC") TO REVIEW ALL "GC" FINISHES AND DETAILS CONTAINED WITHIN THIS SET OF DÉCOR DRAWINGS WITH THE FINAL CUSTOMER. CMI HAS PROVIDED THE FINISH SCHEDULE AND DETAILS AS A SERVICE TO THE CUSTOMER, BUT WILL NOT BE HELD ACCOUNTABLE FOR ANY "GC" SUPPLIED AND INSTALLED ITEMS. THE "GC" SHOULD REVIEW THESE DRAWINGS WITH SAMPLE FINISHES THEY HAVE ACQUIRED FROM THEIR SUPPLIERS TO VERIFY THEY MEET THE CUSTOMER'S EXPECTATIONS. CMI WILL BE HAPPY TO ASSIST IN MAKING ANY CHANGES TO THE DRAWINGS/"GC" FINISH SPECIFICATIONS THAT ARE REQUIRED.

FURNITURE FINISHES

TABLE TOPS: **FURNISHED BY** **INSTALLED BY**
CMI G.C.

SERIES: LAMINATED
 "TABLE A": PIONITE WX110 "SMOOTH PADDLIN"
 EDGE: PLYWOOD
 "TABLE B": WILSONART 7973K-12 "OLD MILL OAK"
 EDGE: BROWN VINYL
 NOTE: HANDICAP SYMBOL ON HANDICAP TABLES

TABLE BASE: **FURNISHED BY** **INSTALLED BY**
CMI G.C.

SERIES: STANDARD AND BAR HEIGHT FREESTANDING BASES
 FINISH: BLACK

CHAIRS (FREESTANDING): **FURNISHED BY** **INSTALLED BY**
OWNER G.C.

CHAIR SERIES: #809
 FRAME FINISH: M-8 QUICKSILVER
 SEAT "A" UPHOLSTERY: ESP635 AMERICAN BEAUTY (U6)

BARSTOOL (FREESTANDING): **FURNISHED BY** **INSTALLED BY**
OWNER G.C.

CHAIR SERIES: #809-30
 FRAME FINISH: S-19 LIPSTICK REDUM
 SEAT "A" UPHOLSTERY: ESP635 AMERICAN BEAUTY (U6)

BOOTH: ARBY'S 36" AFF **FURNISHED BY** **INSTALLED BY**
CMI G.C.

SERIES: UPHOLSTERED BACK PAD & SEAT
 BACK PAD PATTERN - STANDARD SIZE & WALL BENCHES
 TOP CAP /SIDE PANEL: ARC-COM RODEO, AC-69953 'FIRE' #14 (U4)
 BACK PAD UPHOLSTERY:
 UPHOLSTERY 4: ARC-COM RODEO, AC-69953, 'FIRE' #14 (U4)
 UPHOLSTERY 5: ARC-COM RODEO, AC-69954, 'RUBY' #15 (U5)
 UPHOLSTERY 6: ARC-COM RODEO, AC-69952, 'LIPSTICK' #13 (U6)
 SEAT PAD FINISH: ARC-COM RODEO, AC-69984, 'RHINO' #45 (U3)
 WELT: ARC-COM RODEO, AC-69984 'RHINO' #45 (U3)
 CRUMB RAIL: FORMICA 5884-58 CHESTNUT WOODLINE
 STRIPES TO BE TUFTED

QUEUE LINE: **FURNISHED BY** **INSTALLED BY**
N/A G.C.

DESCRIPTION: CURVED QUEUE LINE
 TOP CAP: CORIAN 'GLACIER WHITE' (C2)
 TRIM: PIONITE WX110 SUEDE 'SMOOTH PADDLIN' (L2)
 NOTE: LAMINATE GRAIN TO BE RUN HORIZONTALLY
 SUPPORT: 2" STAINLESS STEEL

FURNITURE FINISHES CONTINUED

WASTE CABINETS: **FURNISHED BY** **INSTALLED BY**
KES* G.C.

SERIES: TOP DROP ON F/S LEGS
 TOP AND TRAY SHELF FINISH: CORIAN 'GLACIER WHITE' (C2)
 TRAY STOPS AND TRASH CHUTE: STAINLESS STEEL
 CABINET/DOOR: STAINLESS STEEL CONSTRUCTION w/LAMIN. OUTER PANELS
 LAMINATED PANELS: NEVAMAR 'CHARCOAL ESSENCE' ES6002 (L4)
 LEGS: STAINLESS STEEL BULLET FEET

BEVERAGE CABINET: **FURNISHED BY** **INSTALLED BY**
KES* G.C.

SERIES: FREESTANDING ON LEGS
 TOP / BACK SPLASH FINISH: CORIAN 'GLACIER WHITE' (C2)
 CABINET/DOOR: STAINLESS STEEL CONSTRUCTION w/LAMIN. OUTER PANELS
 LAMINATED PANELS: NEVAMAR 'CHARCOAL ESSENCE' ES6002 (L4)
 LEGS: STAINLESS STEEL BULLET FEET

SERVICE COUNTER TOP: **FURNISHED BY** **INSTALLED BY**
KES* G.C.

COUNTER: CORIAN 'GLACIER WHITE' (C2)

SERVICE COUNTER FASCIA: **FURNISHED BY** **INSTALLED BY**
G.C. G.C.

CROSSVILLE TILE - COLOR BY NUMBERS WT02 "TEA FOR TWO" GLOSS T-5

DECOR DIVIDER WALL: **FURNISHED BY** **INSTALLED BY**
WALL BUILD BY G.C. G.C.

DESCRIPTION: DIVIDER WALL w/BASE TILE
 WALL FINISH: PORCELAIN TILE - KNOXWOOD NUTMEG (W2)
 SIZE: 6" x 24" PLANKS - PATTERN: 1/3 OFFSET
 - CORNERS: BLACK SCHLUTER EDGE PROTECTOR
 TOP CAP: WOOD - PAINTED SW7674 'PEPPERCORN' (P8)
 BASE TILE: 6" x 12" STONEPEAK - SIMPLY MODREN 'COFFEE' (T1)
 GROUT: CUSTOM BUILDING PRODUCTS #60 CHARCOAL

DIVIDER LOW WALL: **FURNISHED BY** **INSTALLED BY**
G.C. G.C.

DESCRIPTION: LOW WALL w/BASE TILE
 WALL FINISH: PORCELAIN TILE - KNOXWOOD NUTMEG (W2)
 SIZE: 6" x 24" PLANKS - PATTERN: 1/3 OFFSET
 - CORNERS: BLACK SCHLUTER EDGE PROTECTOR
 TOP CAP: WOOD - PAINTED SW7674 'PEPPERCORN' (P8)
 BASE TILE: 6" x 12" STONEPEAK - SIMPLY MODREN 'COFFEE' (T1)
 GROUT: CUSTOM BUILDING PRODUCTS #60 CHARCOAL

PERIMETER DIVIDER LOW WALL: **FURNISHED BY** **INSTALLED BY**
G.C. G.C.

DESCRIPTION: NEW LOW WALL
 TOP CAP: OAK WALLCAP (S1)
 TOP CAP FINISH: WOOD - PAINTED SW7674 'PEPPERCORN' (P8)
 WALL FINISH TILE: CROSSVILLE TILE- 12x12 V326 PAVEMENT (T-1)
 WALL FINISH TILE SIZE: 12" x 12"
 BASE TILE: CROSSVILLE TILE- COVE BASE 6x12 AV326 PAVEMENT (T-3)
 BASE TILE SIZE: 6" x 12"
 GROUT: CUSTOM BUILDING PRODUCTS #60 CHARCOAL

WALL FINISHES

BEVERAGE CABINET BACK WALL: **FURNISHED BY** **INSTALLED BY**
G.C. G.C.

DESCRIPTION: 4" x 8" CROSSVILLE TILE (T5)
 PATTERN: COLOR BY NUMBERS WT02 'TEA FOR TWO'
 GROUT: 1/16" WIDTH CUSTOM BUILDING PRODUCTS #60 CHARCOAL
 VERTICAL METAL TRIM: 1" STAINLESS STEEL DIVIDER STRIP

BEVERAGE CABINET SIDE WALL: **FURNISHED BY** **INSTALLED BY**
G.C. G.C.

DESCRIPTION: 6" x 24" PLANKS - PATTERN: 1/3 OFFSET
 WALL FINISH: PORCELAIN TILE - KNOXWOOD NUTMEG (W2)
 TRIM: BLACK SCHLUTER EDGE PROTECTOR
 ABOVE PAINT: SHERWIN WILLIAMS SW6864 'CHERRY TOMATO'

WALL PAINT 1: **FURNISHED BY** **INSTALLED BY**
G.C. G.C.

DESCRIPTION: (P1)
 COLOR: SHERWIN WILLIAMS SW7038 'TONY TAUPE'

WALL PAINT 2: **FURNISHED BY** **INSTALLED BY**
G.C. G.C.

DESCRIPTION: (P2)
 COLOR: SHERWIN WILLIAMS SW6864 'CHERRY TOMATO'

WALL PAINT 3: **FURNISHED BY** **INSTALLED BY**
G.C. G.C.

DESCRIPTION: (P3)
 COLOR: SHERWIN WILLIAMS SW6083 'SABLE' GLOSS

WALL PAINT 4: **FURNISHED BY** **INSTALLED BY**
G.C. G.C.

DESCRIPTION: (P4) (RESTROOM CEILING)
 COLOR: SHERWIN WILLIAMS SW7005 PURE WHITE (IF NEEDED)

WALL PAINT 5: **FURNISHED BY** **INSTALLED BY**
G.C. G.C.

DESCRIPTION: (P5)
 COLOR: SHERWIN WILLIAMS SW7551 'GREEK VILLA' (SATIN FINISH)
 LEVEL 4-5 FINISH

WALL PAINT 7: **FURNISHED BY** **INSTALLED BY**
G.C. G.C.

DESCRIPTION: (P7)
 COLOR: SHERWIN WILLIAMS SW6988 'BOHEMIAN BLACK' (SATIN FINISH)
 LEVEL 4-5 FINISH

WALL PAINT 8: **FURNISHED BY**
G.C.

DESCRIPTION: (P8)
 COLOR: SHERWIN WILLIAMS SW7674 'PEPPERCORN'
 LEVEL 4-5 FINISH

CONTINUE ON NEXT PAGE

STORE NO.: **# 1832**

WILLOWICK, OH (Vine Street)

CITY, ST



REVISION	DATE	BY

SHEET TITLE: SPECIFICATIONS
 SCALE: N.T.S.
 ADDRESS: 31219 Vine Street
 Willowick, OH



ACCOUNT: Arby's
 DESIGN BY: J.V.
 DATE: 07/02/24
 PROJECT NO.: **SPECS1_04853**
 REVISION: 00 SHEET NO.: 13

INTERIOR FINISHES CONTINUED

LAMINATED SOFFIT: **FURNISHED BY** CMI **INSTALLED BY** G.C.
 DESCRIPTION: LAMINATED CEILING SOFFIT
 SIZE: 58" x 120" x 4"
 FINISH: FORMICA SPECTRUM RED
 G.C. TO RELOCATE ANY EXISTING AIR VENTS OR LIGHTING,
 OVER THE NEW LAMINATED SOFFIT

RECESSED CAN LIGHTS: **FURNISHED BY** OWNER **INSTALLED BY** G.C.
 MANUFACTURE: CREE
 MODEL: CR6T-825-27K-12-E25/RC6-GU24 E26 ADAPTER
 LAMP TYPE: LED ENGINE

ARBYS 'A' CAROUSEL CHANNEL LETTER LIGHT/ART: **FURNISHED BY** OWNER **INSTALLED BY** G.C.
 MANUFACTURE: ALLEN INDUSTRIES
 SIZE: 60" x 57"W
 CENTERED AT 60" AFF

TRIM PACKAGE

TOP CAP: **FURNISHED BY** CMI **INSTALLED BY** G.C.
 DESCRIPTION: 1" X 9-1/2" WOOD PAINTED (S1)
 FINISH: SHERWIN WILLIAMS PEPPERCORN SW7674

CHAIR RAIL: **FURNISHED BY** CMI **INSTALLED BY** G.C.
 DESCRIPTION: 3/4" X 3" WOOD - WOOD PAINTED (S2)
 FINISH: SHERWIN WILLIAMS PEPPERCORN SW7674

ACCENT TRIM: **FURNISHED BY** CMI **INSTALLED BY** G.C.
 DESCRIPTION: 3/4" X 2" WOOD PAINTED (S3)
 FINISH: SHERWIN WILLIAMS PEPPERCORN SW7674

SHOE MOULD: **FURNISHED BY** CMI **INSTALLED BY** G.C.
 DESCRIPTION: 3/8" X 1/2" OAK SHOE MOULDING (S1)
 FINISH: STAINED TO MATCH PIONITE WW011 'KINGSLEY'

SCHLUTER STRIP: **FURNISHED BY** G.C. **INSTALLED BY** G.C.
 DESCRIPTION: SCHLUTER SQUARE TILE EDGE PROTECTOR
 - QUADEC Q100MGS (3/8") CONTACT: JASON WEEKS
 - QUADEC Q80MGS (5/16") 678-687-7802
 FINISH: MATTE BLACK (RAL 9011) COLOR-COATED ALUMINUM
 G.C. TO CHOOSE SCHLUTER DEPENDING ON TILE THICKNESS
 INSTALL QUESTIONS: WWW.YOUTUBE.COM/WTCH?V=KPO0MDPEGE0

INTERIOR FINISHES CONTINUED

(BR-1) BRICK WALL VENEER OPTIONS: G.C. G.C.
 DESCRIPTION: (BR-1) RED BRICK
 MANUFACTURE: BEST PANEL COMPANY - EVOLUTION BRICK
 SERIES: CAROLINA SERIES - STRAIGHT
 COLOR: WILLIAMSBURG STRAIGHT
 GROUT: CUSTOM BUILDING PRODUCTS, SANDED
 COLOR: BRIGHT WHITE # 381
 CONTACT: GABE POWERS
 (270) 788-3535

(BR-2) BRICK WALL VENEER OPTIONS: N/A G.C.
 DESCRIPTION: (BR-2) WHITE BRICK
 MANUFACTURE: BEST PANEL COMPANY - EVOLUTION BRICK
 SERIES: CAROLINA SERIES - STRAIGHT
 COLOR: WINTER STORM STRAIGHT
 GROUT: CUSTOM BUILDING PRODUCTS, SANDED
 COLOR: BRIGHT WHITE # 381
 CONTACT: GABE POWERS
 (270) 788-3535

STORE No.: **# 1832**

WILLOWICK, OH (Vine Street)

CITY, ST



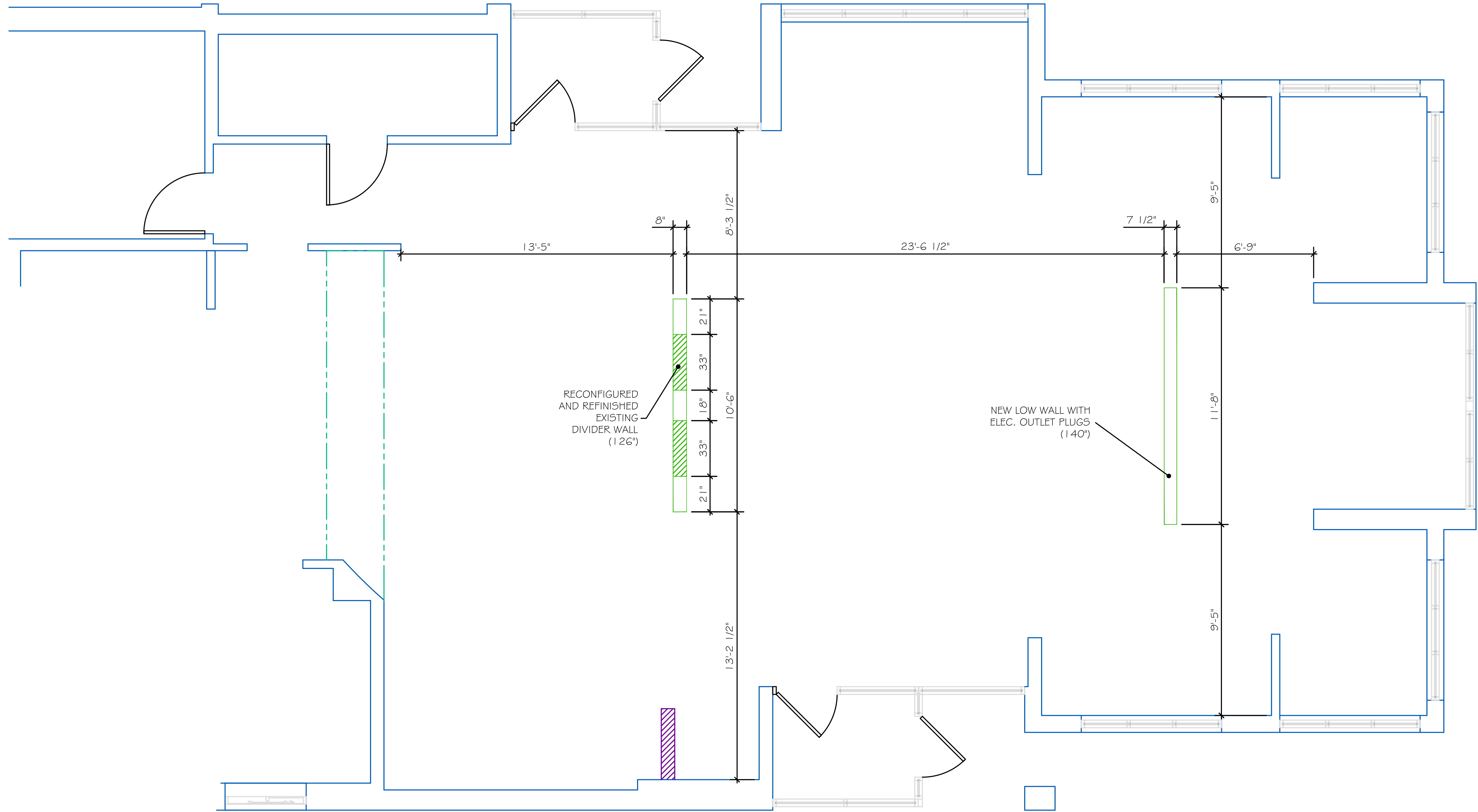
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SHEET TITLE: SPECIFICATIONS
 SCALE: N.T.S.
 ADDRESS: 31219 Vine Street
 Willowick, OH



ACCOUNT: Arby's
 DESIGN BY: J.V.
 DATE: 07/02/24
 PROJECT NO.: **SPECS2_04853**
 REVISION: 00 SHEET NO.: 15

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B
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STORE No.: # 1832

WILLOWICK, OH (Vine Street)

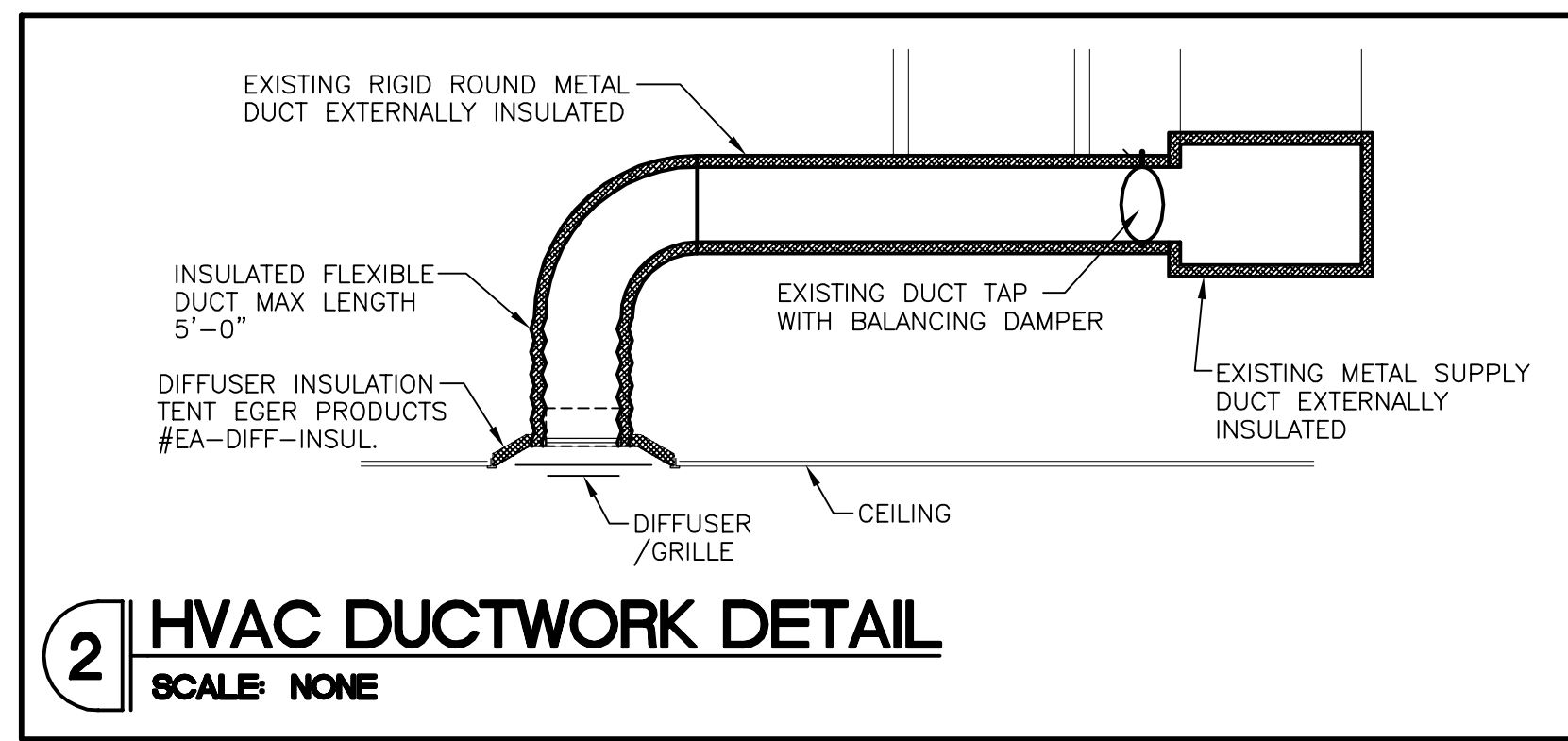
CITY, ST

REVISION	DATE	BY

SHEET TITLE:
DIMENSION VERIFICATION PLAN
SCALE: 3/16" = 1'-0"
ADDRESS: 31219 Vine Street
Willowick, OH

Arby's
ACCOUNT: Arby's
DESIGN BY: J.V.
DATE: 07/02/24
PROJECT NO.: DVP1_04853
REVISION: 00 SHEET NO.: 16





MECHANICAL GENERAL NOTES

- A. ALL WORK AND MATERIALS SHALL COMPLY WITH STATE AND LOCAL CODE REQUIREMENTS AS APPROVED AND AMENDED BY THE GOVERNING CITY, INCLUDING APPLICABLE SECTIONS OF NFPA, UBC, OSHA, OR ANY INTERIM AMENDMENTS AT THE TIME OF THE PROPOSAL. PURCHASE ALL PERMITS ASSOCIATED WITH THE WORK. OBTAIN ALL INSPECTIONS REQUIRED BY CODE.
- B. CONTRACTORS AND SUB-CONTRACTORS SHALL CAREFULLY REVIEW THE CONSTRUCTION DOCUMENTS. INFORMATION REGARDING THE WORK IS DISPERSED THROUGHOUT THE DOCUMENT SET AND CANNOT BE ACCURATELY DETERMINED WITHOUT REFERENCE TO THE COMPLETE DOCUMENT SET.
- C. EXISTING CONDITIONS ARE BASED ON "AS-BUILT" DRAWINGS PROVIDED BY THE OWNER AND LIMITED FIELD VERIFICATION. CONTRACTOR SHALL ADJUST TO ACTUAL FIELD CONDITIONS AT NO ADDITIONAL EXPENSE TO THE OWNER. CONTRACTOR IS TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO BIDDING.
- D. ALL EQUIPMENT AND APPLIANCES SHALL BE INSTALLED AS REQUIRED BY THE TERMS OF THEIR APPROVAL, IN ACCORDANCE WITH THE CONDITIONS OF THE LISTING, THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND THE LOCAL CODE. MANUFACTURER'S INSTALLATION INSTRUCTIONS SHALL BE AVAILABLE ON THE JOB SITE AT THE TIME OF INSPECTION.
- E. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO RECEIVE, OFFLOAD, STORE, INSURE, CARRY UP, DISPOSE OF DEBRIS AND SET IN PLACE ALL OWNER-FURNISHED ITEMS AND EQUIPMENT.
- F. EXHAUST FANS SHALL BE LOCATED A MINIMUM OF 10'-0" HORIZONTAL DISTANCE FROM FRESH AIR INTAKES OR SHALL HAVE A VERTICAL SEPARATION OF 3'-0" ABOVE FRESH AIR INTAKES.
- G. CONTRACTOR SHALL PROVIDE DUCTWORK SUPPORTS AND HANGERS PER CODE.
- H. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS SHOWING PROPOSED FABRICATION AND INSTALLATION COORDINATED WITH EXISTING FIELD CONDITIONS AND OTHER TRADES.
- I. CONTRACTOR SHALL COORDINATE INSTALLATION OF MECHANICAL WORK WITH ALL OTHER TRADES TO AVOID UNNECESSARY DELAY OR INTERFERENCES. CONTRACTOR TO REVIEW ARCHITECTURAL AND EQUIPMENT SHEETS.

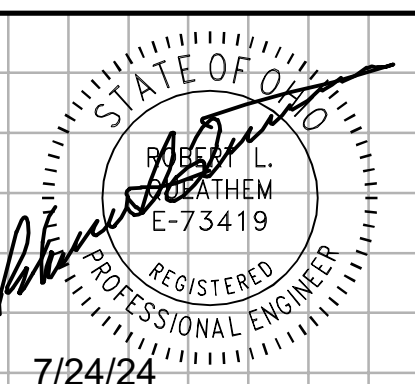
MECHANICAL KEYED NOTES

- 1 EXISTING AIR DEVICES LOCATED IN TOILET ROOM TO REMAIN. CLEAN AND PROVIDE GENERAL MAINTENANCE AS REQUIRED. PAINT TO MATCH ADJACENT CEILING. FIELD VERIFY LOCATION.
- 2 EXISTING AIR DEVICE TO BE RELOCATED IN NEW DINING ROOM CEILING AS SHOWN. CLEAN AND PROVIDE GENERAL MAINTENANCE AS REQUIRED. PAINT TO MATCH ADJACENT CEILING. MODIFY EXISTING DUCTWORK/FLEX AS NEEDED. FIELD VERIFY LOCATION.
- 3 EXISTING TEMPERATURE SENSOR. MAINTAIN AND PROTECT DURING NEW CONSTRUCTION. FIELD VERIFY LOCATION.
- 4 EXISTING WALL MOUNTED SUPPLY GRILLE ON WALL OF EXISTING ATRIUM TO REMAIN. CLEAN AND PROVIDE GENERAL MAINTENANCE AS REQUIRED. PAINT TO MATCH ADJACENT SURFACE.
- 5 EXISTING WALL MOUNTED GRILLE WITH FAN CONTROLLER ON WALL OF EXISTING IN ATRIUM TO REMAIN. CLEAN AND PROVIDE GENERAL MAINTENANCE AS REQUIRED. PAINT TO MATCH ADJACENT WALL. FIELD VERIFY LOCATION. PROVIDE NEW GRILLE IF NONE EXISTS. THE GRILLE SHALL BE SIZED APPROPRIATELY FOR THE AMOUNT OF AIR BEING DISCHARGED.
- 6 ENSURE DOOR UNDERCUT 0.75". COORDINATE WITH GENERAL CONTRACTOR.
- 7 EXISTING CONDENSING UNIT FOR DINING ROOM ICE MACHINE TO REMAIN. CONTRACTOR SHALL RECONNECT REFRIGERANT LINES TO AFTER EXISTING ICE MACHINE RELOCATION. FIELD VERIFY LOCATION.

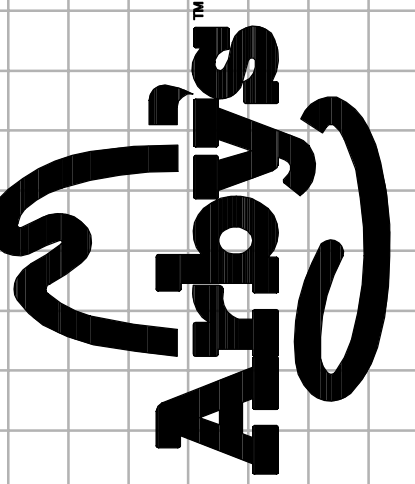
THE EQUIPMENT AND DIMENSIONED LOCATIONS FOR CONNECTIONS ARE ACCURATE TO THE BEST OF OUR KNOWLEDGE, BUT SHALL BE VERIFIED WITH THE EQUIPMENT SUPPLIER, EQUIPMENT ROUGH-IN DRAWINGS, AND/OR THE OWNER. IN SOME INSTANCES, THE OWNER OR SUPPLIER MAY MAKE SUBSTITUTIONS OR THE EQUIPMENT MAY VARY FROM WHAT IS SHOWN ON THE PLAN. THE ARCHITECT/ENGINEER SHALL BE IMMEDIATELY NOTIFIED, PRIOR TO CONSTRUCTION, OF ANY DEVIATIONS FROM WHAT IS SHOWN OR IMPLIED ON THESE DRAWINGS. FAILURE OF THE APPROPRIATE CONTRACTOR TO VERIFY ROUGH-INS OR THEIR LOCATIONS SHALL PLACE THE RESPONSIBILITY FOR ANY SUBSEQUENT RELOCATION AND/OR ADDITIONAL ROUGH-INS DIRECTLY UPON THE CONTRACTOR.



1 MECHANICAL PLAN
SCALE: 1/4"=1'-0"



ROBERT L. QUEATHEM
ENGINEER
1950 ORANG ROAD, SUITE 300
PH. (314) 415-2400 FAX (314) 415-2800
ST. LOUIS, MO 63146
www.arcvc.com



ARBY'S REMODEL
31219 VINE ST.
WILLOWICK OH, 44095
STORE # 1832

REV.	DATE	DESCRIPTION

PROJECT NO: 230688
DRAWN BY: NF
CHECKED BY: JCC
ISSUE DATE: 07/19/24
MECHANICAL PLAN

M100

GENERAL NOTES

- A. SOIL AND WASTE PIPE SHALL SLOPE 2% MINIMUM, UNLESS OTHERWISE NOTED OR REQUIRED BY CODE.
- B. ALL VALVES, SHOCK ARRESTORS OR OTHER EQUIPMENT SHOWN IN WALLS OR ABOVE NON-ACCESSIBLE CEILING SHALL BE INSTALLED BEHIND AN ACCESS PANEL.
- C. PRIOR TO COMMENCING WORK ON THIS PROJECT, CONTRACTOR SHALL VERIFY DEPTH, SIZE, LOCATION AND CONDITION OF ALL EXISTING UTILITIES IN FIELD BEFORE STARTING WORK. SHOULD CONDITIONS EXIST OTHER THAN THOSE INDICATED WHICH WOULD CAUSE THE DESIGN TO BE ALTERED, CONTRACTOR SHALL NOTIFY OWNER IMMEDIATELY.
- D. CONTRACTOR SHALL COORDINATE INSTALLATION OF PLUMBING WORK WITH ALL OTHER TRADES SO AS TO AVOID UNNECESSARY DELAY OR INTERFERENCES. CONTRACTOR TO REVIEW ARCHITECTURAL AND EQUIPMENT SHEETS.
- E. ALL PLUMBING WORK AND MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE STATE & LOCAL ORDINANCES & REGULATIONS HAVING JURISDICTION. CONTRACTOR SHALL OBTAIN ALL APPROVALS REQUIRED FROM REGULATING AGENCIES BEFORE STARTING WORK. ALL PLUMBING WORK & MATERIALS SHALL MEET THE REQUIREMENTS OF THE LATEST EDITIONS OF THE LOCAL PLUMBING CODE, UNLESS OTHERWISE REQUIRED BY LOCAL AUTHORITY. OBTAIN & PAY FOR ALL PERMITS, FEES & INSPECTIONS REQUIRED BY GOVERNING AUTHORITIES. ALL PIPING TO BE CONCEALED UNLESS NOTED OTHERWISE.
- F. THE EQUIPMENT ROUGH-INS AS SHOWN ARE BASED UPON AVAILABLE INFORMATION. HOWEVER, IN SOME INSTANCES, THE OWNER OR SUPPLIER MAY SUBSTITUTE OR THE EQUIPMENT ITEM MAY VARY FROM WHAT IS SHOWN. THEREFORE, THE CONTRACTOR SHALL VERIFY ALL CRITICAL DIMENSIONS WITH THE OWNER PRIOR TO CONSTRUCTION. FAILURE OF THE CONTRACTOR TO VERIFY THESE DIMENSIONS SHALL PLACE THE RESPONSIBILITY FOR ANY SUBSEQUENT RELOCATION DIRECTLY ON THE CONTRACTOR.
- G. PROVIDE FAUCETS UNLESS OTHERWISE NOTED, TRAPS, STOPS, GATE VALVES, GAS COCKS, WATER HAMMER ARRESTERS, WALL CLEANOUTS, CLEANOUT COVERS, FLEX CONNECTIONS, SHUT-OFF VALVES AND INDIRECT WASTE TO AN APPROVED RECEPTOR AND ALL NECESSARY TRIM FOR A COMPLETELY INSTALLED & CONNECTED PLUMBING SYSTEM.
- H. INSTALL SHUTOFF VALVES ON ALL HOT & COLD WATER LINES TO FIXTURE OR APPLIANCE. ALL EXPOSED WATER AND WASTE LINES SHALL BE CHROME PLATED.
- I. ALL VALVES, UNIONS, ETC. TO BE SAME SIZE AS PIPE UNLESS OTHERWISE INDICATED ON DRAWINGS.
- J. SET TEMPERED WATER TEMPERATURE TO 110°F.

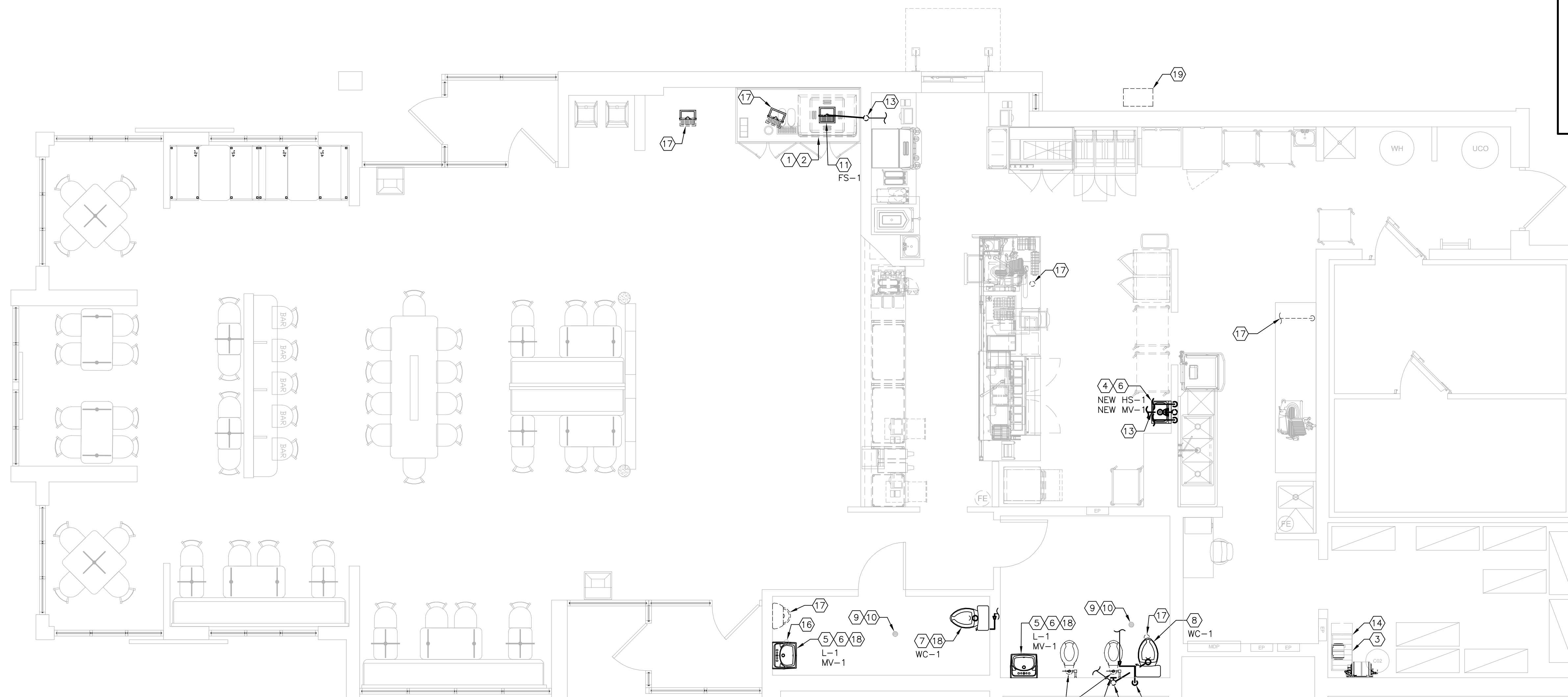
PLUMBING FIXTURE SCHEDULE

PLAN CODE	DESCRIPTION	CONNECTION SIZE					SPECIFICATIONS
		COLD WATER	110° WATER	HOT WATER	WASTE	VENT	
MV-1	MIXING VALVE	3/8"	3/8"	3/8"	---	---	WATTS USG-B-SC (OR APPROVED EQUAL) THERMOSTATIC MIXING VALVE. ASSE 1070, MOUNT UNDER LAVATORY/HANDSINK. SET AT 110°F WITH SATIN CHROME FINISH.
WC-1	WATER CLOSET (FLOOR MOUNTED HANDICAP)	1/2"	---	---	3"	2"	AMERICAN STANDARD CADET 3 WITH ELONGATED BOWL IN WHITE #270AA.001 WITH RIGHT-HAND TRIP LEVER YORKVILLE/CADET FLUSHMETER TANK MODEL 4142.800.020 (OR APPROVED EQUAL) WITH OPEN FRONT SEAT IN WHITE. PROVIDE SUPPLY AND STOP.
L-1	LAVATORY (WALL HUNG HANDICAP)	1/2"	1/2"	---	1-1/4"	1-1/2"	AMERICAN STANDARD LUCERNE #0355.02 WITH BATTERY POWERED FAUCET - SLOAN #EBF-650 SENSOR ACTIVATED FAUCET, 0.5 GPM VANDEL RESISTANT SPRAY HEAD, ADA COMPLIANT WALL MOUNTED WHITE VITREOUS CHINA LAVATORY WHITE 4" CENTER FAUCET HOLES, OVERFLOW. CHROME PLATED BRASS 4" CENTER SET. CHROME PLATED GRID STRAINER DRAIN WITH CHROME PLATED BRASS TAILPIECE. CHROME PLATED BRASS P-TRAP WITH CLEANOUT, WALL BEND AND WALL FLANGE. CHROME PLATED BRASS LOOSE KEY ANGLE BALLSTOP WITH CHROME PLATED FLEXIBLE COPPER SUPPLY RISERS. PROVIDE TRUEBRO LAV-GUARD 2 E-Z MOLDED VINYL SAFETY COVERS FOR ALL EXPOSED SUPPLY AND DRAIN PIPING. RIGID IN-WALL CONCEALED ARM LAVATORY SUPPORT SYSTEM - ZURN #Z1231.
HS-1	WALL MOUNTED HAND SINK	1/2"	1/2"	---	1-1/2"	1-1/2"	KROWNE MODEL #HS-1. STAINLESS STEEL WITH 4" ON CENTER GOOSE NECK FAUCET SET-UP.
FS-1	FLOOR SINK	---	---	---	3"	2"	JAY R. SMITH FLOOR SINK MODEL 3150Y04-12 WITH HALF GRATE AND DEEP SEAL TRAP.
WCO-1	WALL CLEANOUT	---	---	---	2"	---	JOSAM (OR APPROVED EQUAL)

THE EQUIPMENT ROUGH-IN ITEMS AND THEIR DIMENSIONED LOCATIONS FOR ALL CONNECTIONS ARE ACCURATE TO THE BEST OF OUR KNOWLEDGE AND SHALL BE VERIFIED WITH THE EQUIPMENT SUPPLIER, OWNER AND/OR THE EQUIPMENT ROUGH-IN DRAWINGS. IN SOME INSTANCES, THE OWNER OR SUPPLIER MAY MAKE SUBSTITUTIONS OR THE EQUIPMENT ITEM MAY VARY FROM WHAT IS SHOWN ON THE PLAN. THEREFORE, THE ARCHITECT/ENGINEER SHALL BE IMMEDIATELY NOTIFIED, PRIOR TO CONSTRUCTION OF ANY DEVIATIONS FROM WHAT IS SHOWN OR IMPLIED ON THESE DRAWINGS. FAILURE OF THE APPROPRIATE CONTRACTOR TO VERIFY ROUGH-INS OR THEIR LOCATIONS SHALL PLACE THE RESPONSIBILITY FOR ANY SUBSEQUENT RELOCATION AND/OR ADDITIONAL ROUGH-INS DIRECTLY UPON THE CONTRACTOR.

PLUMBING KEYED NOTES

- 1) EXISTING 12-HEAD BEVERAGE/ICE DISPENSER TO BE RELOCATED AS SHOWN ON NEW DRINK COUNTER BY BEVERAGE SUPPLIER AFTER COMPLETION OF NEW CONSTRUCTION. PROVIDE NEW INDIRECT WASTE PIPING AND DISCHARGE TO FLOOR SINK WITH PROPER AIR GAP AS REQUIRED. PROVIDE NEW/REWORK SYRUP BUNDLE TUBING FOR BEVERAGE DISPENSER AND CONNECT TO EXISTING AS REQUIRED. PROVIDE NEW COLD WATER PIPING AS REQUIRED. FIELD VERIFY LOCATION.
- 2) EXISTING ICE MACHINE TO BE RELOCATED AS SHOWN AT DRINK COUNTER BY BEVERAGE SUPPLIER AFTER COMPLETION OF NEW CONSTRUCTION. PROVIDE NEW INDIRECT WASTE PIPING AND DISCHARGE TO FLOOR SINK WITH PROPER AIR GAP AS REQUIRED. PROVIDE NEW COLD WATER PIPING AS REQUIRED. FIELD VERIFY LOCATION.
- 3) CARBONATOR SHOWN FOR REFERENCE AT BAG-N-BOX. FIELD VERIFY LOCATION. CONTRACTOR SHALL PROVIDE DOUBLE CHECK VALVE BACKFLOW PREVENTOR WITH ATMOSPHERIC VENT WATTS SD-3 (OR EQUAL) AT CARBONATOR AND INSTALL UPSTREAM OF CARBONATOR WITH NO COPPER DOWN STREAM AS PER SECTION 608.16.1 OF THE 2017 OHIO PLUMBING CODE.
- 4) NEW HAND SINK. PROVIDE NEW DOMESTIC WATER, WASTE, AND VENT PIPING AS REQUIRED. FIELD VERIFY LOCATION. REFER TO PLUMBING FIXTURE SCHEDULE FOR INFORMATION.
- 5) NEW LAVATORY INSTALL AT THE SAME LOCATION AS EXISTING LAVATORY TO BE REMOVED. CONNECT TO EXISTING DOMESTIC WATER AND WASTE PIPING AS REQUIRED. FIELD VERIFY LOCATION. REFER TO PLUMBING FIXTURE SCHEDULE FOR INFORMATION.
- 6) PROVIDE AND INSTALL NEW MIXING VALVE UNDER NEW HAND SINK/LAVATORY WITH NEW WATER PIPING AFTER STOP VALVES AS REQUIRED. REFER TO PLUMBING FIXTURE SCHEDULE FOR INFORMATION.
- 7) NEW TANK TYPE WATER CLOSET. INSTALL AT THE SAME GENERAL LOCATION AS EXISTING FLUSH VALVE WATER CLOSET TO BE REMOVED. PROVIDE NEW 1/2" WATER PIPING AND CONNECT TO EXISTING 1" DOMESTIC WATER AT WALL AS REQUIRED. PROVIDE ZURN OFFSET FLANGE WITH METAL RING MODEL #4631, ZURN TORQUE SET OFFSET FLANGE MODEL #CF29B3-C14 OR EQUAL AND CONNECT TO EXISTING WASTE PIPING AS REQUIRED. FIELD VERIFY LOCATION. REFER TO PLUMBING FIXTURE SCHEDULE FOR INFORMATION.
- 8) NEW TANK TYPE WATER CLOSET. PROVIDE NEW DOMESTIC WATER AND WASTE PIPING AND CONNECT TO EXISTING AS REQUIRED. REFER TO PLUMBING FIXTURE SCHEDULE FOR INFORMATION. FIELD VERIFY LOCATION.
- 9) EXISTING FLOOR DRAIN TO REMAIN. CLEAN AND PROVIDE GENERAL MAINTENANCE AS REQUIRED. FIELD VERIFY LOCATION.
- 10) CONTRACTOR SHALL VERIFY AND MAINTAIN ANY TRAP PRIMER FOR TOILET ROOM FLOOR DRAIN. REWORK AS REQUIRED BY NEW CONSTRUCTION.
- 11) NEW FLOOR SINK FOR DINING ROOM BEVERAGE STATION. FIELD VERIFY LOCATION. VERIFY THE FLOOR SINK IS LOCATED WITHIN THE FOOTPRINT OF THE NEW BEVERAGE CABINET AND BOXED OUT WITH A SURROUNDING COVER BASE FOR ACCESSIBILITY/CLEANING. THE FLOOR SINK SHALL BE EASILY ACCESSIBLE AND 100% VISIBLE. REFER TO PLUMBING FIXTURE SCHEDULE FOR MORE INFORMATION. FIELD VERIFY LOCATION.
- 12) NEW WALL CLEANOUT. PROVIDE WASTE PIPING AS REQUIRED. REFER TO PLUMBING FIXTURE SCHEDULE FOR MORE INFORMATION. FIELD VERIFY LOCATION.
- 13) EXTEND NEW WASTE PIPING OF SIZE NOTED AND CONNECT TO NEAREST WASTE PIPING OF EQUAL OR GREATER SIZE. FIELD VERIFY LOCATION.
- 14) EXISTING BAG-N-BOX SHOWN FOR REFERENCE.
- 15) INSTALL WATER PIPING ON WARM SIDE OF BUILDING INSULATION.
- 16) EXISTING FLOOR CLEANOUT TO REMAIN. CLEAN, PROVIDE GENERAL MAINTENANCE, AND ROD OUT LINE AS REQUIRED. FIELD VERIFY LOCATION.
- 17) EXISTING PLUMBING FIXTURES/PIPING TO BE REMOVED. FIELD VERIFY LOCATION. DISPOSE OF AS PER ARBY'S CONSTRUCTION MANAGER'S DIRECTION. CAP EXISTING VENT AND DOMESTIC WATER LINES ABOVE CEILING OR AT WALL. CAP EXISTING WASTE PIPING BELOW FLOOR TO LEAVE NO "DEAD-ENDS". PATCH WALL AND/OR FLOOR TO "LIKE NEW" CONDITION.
- 18) EXISTING PLUMBING FIXTURES TO BE REMOVED. FIELD VERIFY LOCATION. DISPOSE OF AS PER ARBY'S CONSTRUCTION MANAGER'S DIRECTION.
- 19) EXISTING GAS METER SHOWN FOR REFERENCE.



1 PLUMBING PLAN
SCALE: 1/4"=1'-0"

REGISTRATION SEAL

STATE OF OHIO

REGISTERED PROFESSIONAL ENGINEER

E-73419

7/24/24

ROBERT L. QUEATHEN

ENGINEER

1950 ORAIG ROAD, SUITE 300

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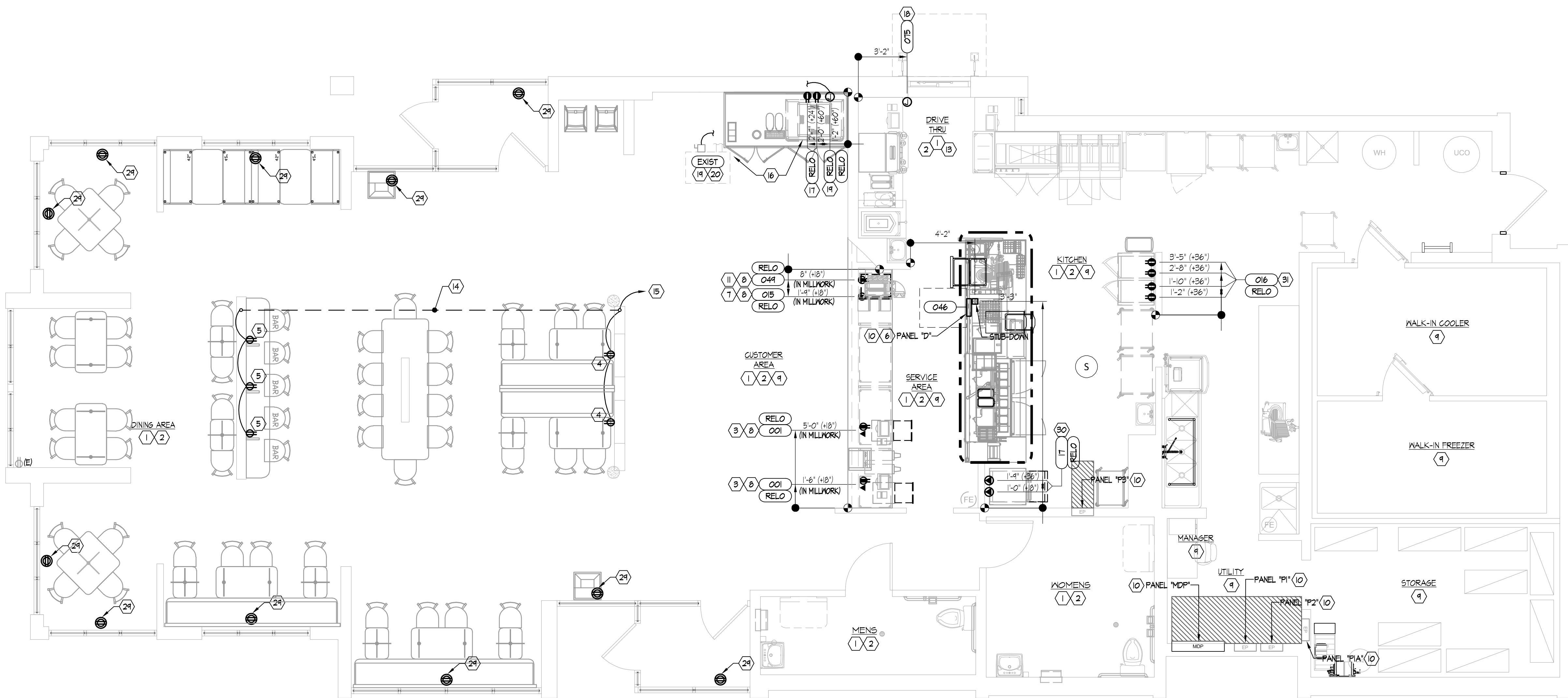
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PLUMBING PLAN

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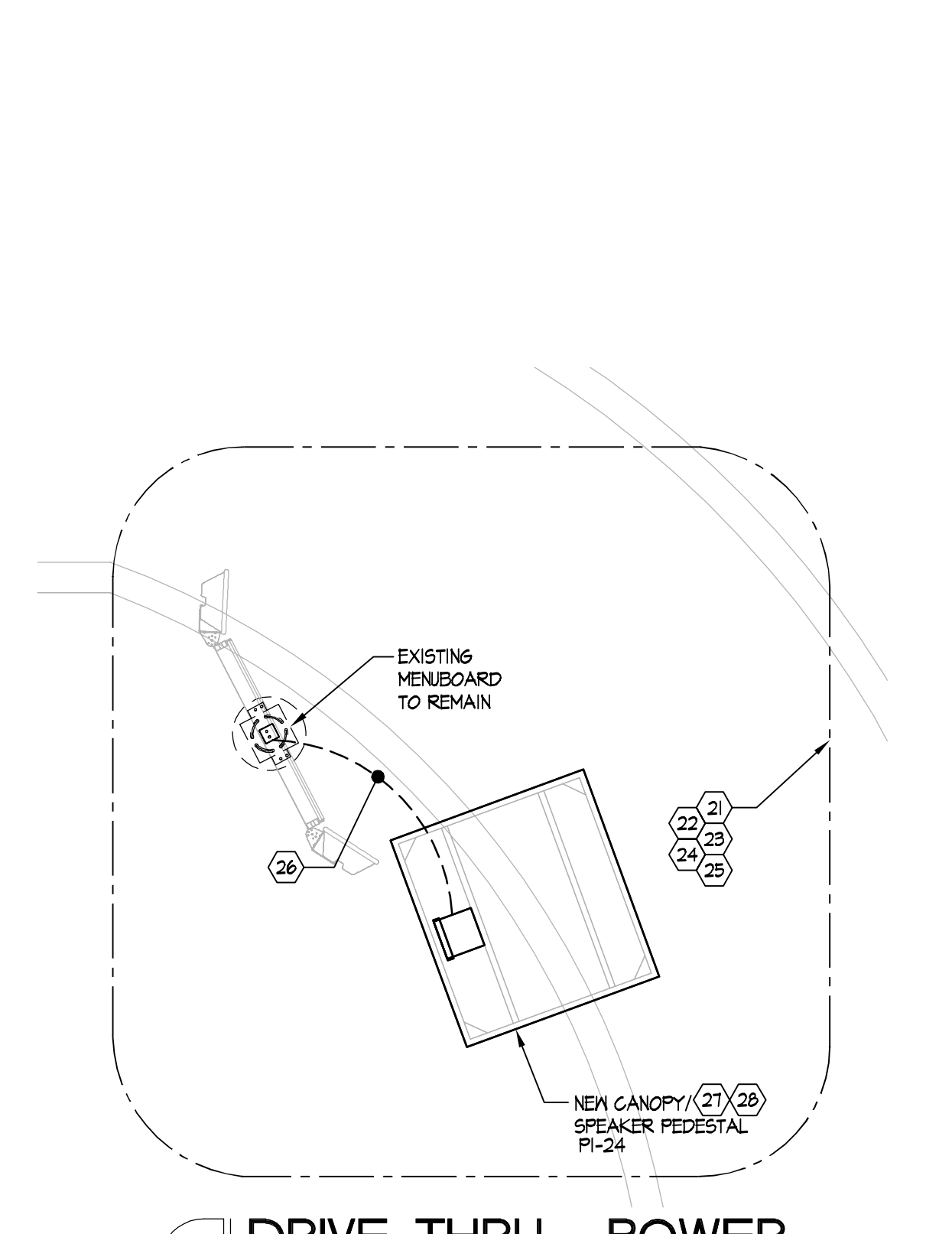
1 FLOOR PLAN - POWER
SCALE: 1/4" = 1'-0"

POWER PLAN KEYED NOTES:

- CONTRACTOR TO VERIFY ALL EXISTING EQUIPMENT & ELECTRICAL DEVICES ASSOCIATED WITH EQUIPMENT TO REMAIN TO BE RELOCATED WITH OWNER PRIOR TO DEMOLITION FOR ALL EXISTING EQUIPMENT TO BE RELOCATED. CONTRACTOR SHALL VERIFY NEW LOCATION OF EQUIPMENT, VERIFY INTEGRITY OF EXISTING CIRCUITS FOR REUSE, REMOVE ELECTRICAL DEVICES BACK TO A SUITABLE LOCATION FOR EXTENSION TO NEW LOCATION (AS NEEDED), & RELOCATE ALL ELECTRICAL DEVICES TO NEW LOCATION (PROVIDE NEW DEVICES AS NEEDED). RELOCATED ELECTRICAL DEVICES SHALL BE MOUNTED AT SAME HEIGHT AS PREVIOUS LOCATION (UNLESS NOTED OTHERWISE). MAKE ALL FINAL CONNECTIONS. ALL NEW ELECTRICAL DEVICES SHALL BE CONCEALED IN WALLS. ALL WORK SHALL BE IN ACCORDANCE TO ALL NATIONAL & LOCAL ADOPTED CODES. ALL CIRCUITS NOT BEING REUSED SHALL BE REMOVED BACK TO SOURCE. DO NOT ABANDON. REFER TO DEMOLITION SHEETS FOR INFORMATION. PROTECT EXISTING EQUIPMENT DURING CONSTRUCTION. CONTRACTOR TO PROVIDE UPDATED PANEL SCHEDULES FOR EACH ELECTRICAL PANEL AT COMPLETION OF PROJECT.
- CONTRACTOR TO VERIFY ALL ELECTRICAL DEVICES, CONTROLLING SYSTEMS, CONNECTIVITY & THEIR LOCATIONS PRIOR TO DEMOLITION. REFER TO MANUFACTURERS INFORMATION & EMPLOY TECHNICIANS AS REQUIRED TO REMOVE ALL DEVICES BACK TO A SUITABLE LOCATION & PROTECT FROM DEBRIS. COORDINATE WITH OWNER FOR DEVICES BEING REUSED/REINSTALLED & THEIR NEW LOCATIONS. PROVIDE ALL NEW ELECTRICAL DEVICES & EXTEND CIRCUITS AS NEEDED. MAKE ALL FINAL CONNECTIONS. VERIFY PROPER OPERATION. UPDATE ALL RECORD DOCUMENTS. CIRCUITS NOT BEING REUSED SHALL BE REMOVED BACK TO SOURCE. DO NOT ABANDON.
- RELOCATED POS. EQUIPMENT: POS. STATIONS/EQUIPMENT SHALL BE TO BE INSTALLED BY AN AUTHORIZED TECHNICIAN. POS. STATIONS REQUIRE A NEMA 5-20R ISOLATED GROUND & A LOW VOLTAGE OUTLET BOX. CONTRACTOR TO FIELD VERIFY EXISTING ELECTRICAL DEVICES ASSOCIATED WITH POS. STATIONS TO BE RELOCATED. RELOCATE EXISTING ELECTRICAL DEVICES OR PROVIDE NEW DEVICES AS REQUIRED. EXTEND EXISTING CIRCUITS TO NEW LOCATIONS AND MAKE ALL FINAL CONNECTIONS. NOTE: DATA & POWER SHALL BE RAN IN SEPARATE CONDUITS. MINIMUM REQUIREMENTS FOR POS. DATA (1) 3/4" CONDUIT. MINIMUM REQUIREMENTS FOR POS. POWER 2#2, #125, & #12 150 G. IN (1) 3/4" ALL CONDUIT SHALL BE CONCEALED WITHIN WALLS AND/OR RAN IN MILLWORK. CONTRACTOR SHALL COORDINATE WITH THE APPROVED POS. INSTALLER ON INSTALLATION AND RELOCATION OF ANY EQUIPMENT. COORDINATE CONSTRUCTION TO LIMIT POS. SYSTEM DOWN TIME AS MUCH AS POSSIBLE. SEE ARCHITECTURAL DRAWING ACO FOR ADDITIONAL INFORMATION.
- EATON TRITAC-BK OR EQUAL, LEB CHARGER/TAMPER RESISTANT DUPLEX RECEPTACLE MOUNTED HORIZONTALLY AT 36" AFF. RECEPTACLE COVER PLATE SHALL BE STAINLESS STEEL.
- EATON TRITAC-BK OR EQUAL, LEB CHARGER/TAMPER RESISTANT DUPLEX RECEPTACLE MOUNTED HORIZONTALLY AT 6" ABOVE BAR SURFACE. RECEPTACLE COVER PLATE SHALL BE STAINLESS STEEL. CIRCUIT WITH EXISTING DINING OUTLET CIRCUIT OR NEW 20 AMP, 1 POLE BRANCH CIRCUIT WITH 2#2, #125 IN 3/4" CONDUIT FROM SPARE CIRCUIT IN EXISTING PANEL.
- NEW PRODUCTION LINE TABLE TO REPLACE EXISTING PRODUCTION LINE TABLE. EXISTING PRODUCTION LINE TABLE FEED FROM A 3 POLE BRANCH BREAKER IN EXISTING PANEL. CONTRACTOR SHALL VERIFY EXACT SOURCE PANEL. SEE ONE-LINE DIAGRAM SHEET E200 FOR ADDITIONAL INFORMATION. FIELD VERIFY NEW CONDUIT AND WIRING ROUTE ABOVE CEILING. VERIFY NEW TABLE PANEL LOCATION IN RELATION TO NEW INTEGRATED PANEL. 1" LOCATED IN NEW PRODUCTION LINE TABLE. DEMOLISH EXISTING FEEDER AND CONDUIT BACK TO SOURCE (DO NOT ABANDON IN PLACE). PROVIDE NEW FEEDER RUN ABOVE CEILING STEEBED DOWN INTO PRE-FABRICATED POWER POLE (PROVIDED WITH PRODUCTION LINE TABLE) ABOVE NEW PANEL. 1" (APPROX. LOCATION SHOWN). COORDINATE EXACT ELECTRICAL FEEDER STEUB-IN LOCATION WITH MANUFACTURER & SOGS (TABLE MANUFACTURER) PRIOR TO ROUTING FEEDER. PRODUCTION LINE TABLE WILL BE DELIVERED AS A COMPLETE DISASSEMBLED UNIT. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR REASSEMBLING UNIT & PROVIDING ALL DEVICES NOT INCLUDED WITH UNIT. CONTRACTOR TO PROVIDE FINAL CONNECTION TO NEW PANEL 1" IN FLECKE METAL CONDUIT FROM POWER POLE LOCATION TO PANEL. FIELD VERIFY ABOVE CEILING UTILITIES FOR INTERFERENCE PRIOR TO START OF WORK.
- RELOCATED SAFE. PROVIDE NEW JUNCTION BOX AND NEMA STYLE RECEPTACLE (REFER TO MANUFACTURERS RECOMMENDATIONS). CONTRACTOR TO MATCH AND EXTEND EXISTING BRANCH CIRCUIT WIRING TO LOCATION SHOWN.
- ROUTE POWER IN MILLWORK TO ADJACENT WALL. PROVIDE JUNCTION BOXES IN WALL TO EXTEND UTILITIES BACK TO SOURCE.
- EXISTING EQUIPMENT TO REMAIN. PROTECT EQUIPMENT DURING CONSTRUCTION.
- PROVIDE REQUIRED WORKING SPACE/CLEARANCE FOR ELECTRICAL PANEL PER NEC. CONTRACTOR TO CLEARLY IDENTIFY/INDICATE NOT LESS THAN 30" MINIMUM CLEARANCE AREA/ WORKING SPACE (PER IFC 6053). IF EQUIPMENT IS LARGER THAN 30" WIDE, WORKING SPACE/CLEARANCE SHALL NOT BE LESS THAN EQUIPMENT WIDTH.
- RELOCATED LEAD-WIRE EQUIPMENT. REARRANGE BREAKERS IN EXISTING PANEL TO CREATE A SINGLE-POLE SPACE. PROVIDE A 120V, 20 AMP BRANCH BREAKER AND EXTEND 1-SET 2#2, #125 IN 3/4" TO NEW LOCATION OF EQUIPMENT. SEE PLAN.
- NOT USED.
- CONTRACTOR TO FIELD VERIFY ALL EXISTING DRIVE-THRU RELATED ELECTRICAL EQUIPMENT AND MONITORS TO REMAIN. RELOCATE EQUIPMENT AS DIRECTED BY OWNER. RELOCATE RECEPTACLE AND DATA OUTLETS AS REQUIRED. EXTEND EXISTING CIRCUITS AND MAKE ALL FINAL CONNECTIONS. PROVIDE ALL NECESSARY DEVICES.
- TRENCH FROM WALL LOCATION TO LON WALL AT BAR. PROVIDE 3/4" PVC IN UNDER FLOOR SLAB BETWEEN FLOOR BOXES AND TO WALL AS SHOWN. STEUB-IN LON WALL, TRANSITION IN CONDUIT FROM STEUB-UP TO RECEPTACLE. MAKE ALL FINAL CONNECTIONS.
- CIRCUIT RECEPTACLES WITH EXISTING DINING OUTLET CIRCUIT OR NEW 120V, 20 AMP, 1 POLE BRANCH CIRCUIT WITH 2#2, #125 IN 1/2" CONDUIT FROM SPARE CIRCUIT IN AN EXISTING RECEPTACLE PANEL.
- DISCONNECT EXISTING ICE/DRINK DISPENSER #2 FROM POWER. REMOVE BRANCH CIRCUIT BACK TO SOURCE. UPDATE AFFECTED CIRCUIT INFORMATION. COORDINATE WITH G.C. FOR ROOFTOP REMOTE CONDENSER WORK.
- RELOCATED DRINK DISPENSER #1. REUSE PREVIOUSLY DEMOLISHED DRINK DISPENSER CIRCUIT OR REARRANGE BREAKERS IN EXISTING PANEL TO CREATE A SINGLE-POLE SPACE. EXTEND 1-SET 2#2, #125 IN 3/4" TO EACH NEW LOCATION OF EQUIPMENT. SEE PLAN. CONTRACTOR TO PROVIDE (2) NEW JUNCTION BOXES & (2) NEMA 5-20R AT HEIGHTS INDICATED ON PLAN. PROVIDE NEW BREAKER AND REWORK EXISTING PANEL TO ACCOMMODATE NEW BREAKERS AS NEEDED. PROVIDE A NEW GFCI BRANCH BREAKER IN PANEL (IF NONE EXISTS). SEE DEMO SHEET D10 FOR PREVIOUS LOCATION.
- NEW DRIVE-THRU WINDOW POWER SUPPLY. CONTRACTOR TO PROVIDE BRANCH CIRCUIT (2#2, #125 IN 3/4") FED FROM THE NEXT AVAILABLE SPARE 20AMP CIRCUIT BREAKER IN EXISTING PANEL. PROVIDE NEW 20AMP CIRCUIT BREAKER AS NEEDED. PROVIDE A NEW JUNCTION BOX & EXTEND NEW DRIVE-THRU WINDOW BRANCH CIRCUIT TO POWER NEW DRIVE-THRU WINDOW MOUNT JUNCTION BOX AT BOTTOM/LEFT OF WINDOW (SEE PLAN). EXTEND NEW FIELD INSTALLED WIRING TO POWERED WINDOW. MAKE ALL FINAL CONNECTIONS. VERIFY WITH QUICKSERV CORP. DRAWINGS FOR PREWIRED WINDOW. UPDATE RECORD DOCUMENTS. WIRING SHALL BE CONCEALED WITHIN WALLS OR RUN ABOVE CEILING.
- RELOCATED ICE MAKER DISPENSER AND EXISTING ROOF-MOUNTED CONDENSER. REUSE PREVIOUSLY DEMOLISHED ICE MAKER CIRCUIT OR PROVIDE NEW 20A, 2-POLE CIRCUIT BREAKER & EXTEND NEW 2#2, #125 IN 3/4" TO REMOTE CONDENSER SAFETY DISCONNECT SWITCH (ON ROOF). PROVIDE INTERCONNECTIONS WIRING BETWEEN REMOTE CONDENSER & INDOOR UNIT PER MANUFACTURERS SPECIFICATIONS. COORDINATE WITH MECHANICAL FLECKE FOR ROUTING OF INTERCONNECTION WIRING FROM REMOTE CONDENSER (TOP OF) TO (INDOOR) ICE MAKER MOUNTED ON DRINK DISPENSER. SEAL ROOF PENETRATIONS. PROVIDE JUNCTION BOX MOUNTED AT HEIGHT INDICATED FOR CONNECTION TO INDOOR ICE MAKER MOUNTED ON BEVERAGE DISPENSER. PROVIDE ALL NECESSARY DEVICES. MAKE ALL FINAL CONNECTIONS. SEE DEMO SHEET FOR NEW REMOTE CONDENSER LOCATION.
- FIELD VERIFY THAT AT LEAST (1) 120V, GFCI RECEPTACLE IS LOCATED WITHIN 25'-0" (MINIMUM) OF ALL EQUIPMENT THAT REQUIRES MAINTENANCE. PROVIDE (2) ADDITIONAL ROOFTOP RECEPTACLES AS NEEDED. PROVIDE A NEW GFCI BRANCH BREAKER IN PANEL (IF NONE EXISTS). SEE DEMOLITION SHEETS FOR PREVIOUS LOCATION.
- GENERAL REQUIREMENTS FOR OWNER CONFIRMATION BOARD (NOTE: FIELD VERIFY: DEVICE REQUIREMENTS MAY VARY AT DIFFERENT SITES). ONE (1) DATA CONDUIT TO MANAGERS OFFICE (WITH FILLWIRE), TWO (2) CONDUITS TO DRIVE THRU COMMUNICATIONS SYSTEM (WITH FILLWIRE), ONE (1) 2#2, #125, IN 3/4" CONDUIT TO ELECTRIC PANEL. (SEE KEYED NOTE #24)
- GENERAL REQUIREMENTS FOR MENUBOARD (NOTE: FIELD VERIFY: DEVICE REQUIREMENTS MAY VARY AT DIFFERENT SITES). ONE (1) DATA CONDUIT TO DRIVE-THRU COMMUNICATIONS (WITH FILLWIRE), ONE (1) 2#2, #125, IN 3/4" CONDUIT TO ELECTRIC PANEL. (SEE KEYED NOTE #24)
- CONTRACTOR TO VERIFY EXISTING DRIVE THRU SYSTEM POWER & COMMUNICATIONS PRIOR TO ANY WORK. LOCATE & EXTEND/RELEASE AS MUCH OF THE EXISTING DRIVE THRU CONDUIT & WIRE RING, AS POSSIBLE. PROVIDE NEW ONLY AS NEEDED.
- OWNER CONFIRMATION BOARD SHALL BE ON A NON-SWITCH (ALWAYS ON) CIRCUIT. MENUBOARD AND CANOPY LIGHTING SHALL BE ON A TIMELOCK CONTROLLED CIRCUIT.
- CONTRACTOR IS TO REMOVE UNUSED CIRCUITS BACK TO SOURCE OR BACK TO A SUITABLE LOCATION FOR ACCESS. PROVIDE (CODE APPROVED) JUNCTION BOX, CAP WIRING & LABEL WITH CIRCUIT INFORMATION.
- EXTEND NEW 2#2, #125, IN 3/4", FOR POWER SUPPLY TO CANOPY FROM MENU BOARD. ROUTE CIRCUIT BELOW GRADE. STEUB-UP INTO CANOPY BASE. SEE KEYED NOTE #24.
- CONTRACTOR TO DEMO EXISTING COMMUNICATIONS WIRING FROM EXISTING DRIVE THRU CANOPY BACK TO A SUITABLE LOCATION FOR EXTENSION TO NEW CANOPY. VERIFY COMMUNICATION SYSTEM REQUIREMENTS WITH CANOPY SUPPLIER. EXTEND COMMUNICATIONS WIRING (IN CONDUIT) BELOW GRADE. STEUB-UP INTO CANOPY BASE. PROVIDE CONNECTION TO NEW SPEAKER & MC BOXES MOUNTED TO NEW CANOPY. SEE SHEET C003 & C01.
- NEW CANOPY. FIELD VERIFY EXACT REQUIREMENTS & LOCATION. COORDINATE INSTALLATION WITH GENERAL CONTRACTOR OWNER #1 SITE DRAWINGS. SET CONDUITS IN PLACE PRIOR TO FORMS BEING POURED. PROVIDE STEUB-UPS UNDER PROPOSED CANOPY POST. COORDINATE WITH SITE DETAIL DRAWINGS FOR "BASE" DETAILS. MAKE FINAL CONNECTIONS. PROVIDE (1) - 3/4" CONDUIT FOR POWER FOR CANOPY LIGHTING. PROVIDE (1) - CONDUIT (MATCH EXISTING) FOR COMMUNICATIONS WIRING FOR CANOPY AUDIO DEVICES.
- FLASH MOUNTED JUNCTION BOX WITH A NEMA 5-20R AND COVER PLATE TO MATCH DECOR. MOUNT WITHIN 6" ABOVE OR 18" PROJECTION FROM WINDOW PER NEC. 20222. OUTLET SHALL BE SUPPORTED INDEPENDENT FROM THE CEILING GRID. CIRCUIT TO EXISTING WINDOW DISPLAY BRANCH CIRCUIT AND LIGHTING CONTROL. (IF AVAILABLE) OR REWORK EXISTING BRANCH CIRCUIT PANELBOARD TO ACCOMMODATE A NEW 20A, 120V, 1P BRANCH CIRCUIT WITH 2#2, #125 IN 3/4" ROUTED THROUGH LIGHTING CONTROL TO OUTLET.
- RELOCATED CONNECTION OVEN. CONTRACTOR TO MATCH AND EXTEND EXISTING BRANCH CIRCUIT WIRING TO LOCATION SHOWN. CONTRACTOR TO PROVIDE NEW (1) NEMA 6-20 RECEPTACLE AT HEIGHT INDICATED ON PLAN & PROVIDE NEW BRANCH CIRCUIT (2#2, #125 IN 3/4" G) TO NEXT AVAILABLE SPARE 30AMP CIRCUIT BREAKER IN EXISTING PANEL (FOR EACH OVEN). PROVIDE NEW BREAKER AND REWORK EXISTING PANEL TO ACCOMMODATE NEW BREAKERS AS NEEDED. INSTALL PER MANUFACTURERS RECOMMENDATIONS. SEE DEMO SHEET D10 FOR PREVIOUS LOCATION.
- RELOCATED COOK & HOLD. CONTRACTOR TO MATCH AND EXTEND EXISTING BRANCH CIRCUIT WIRING TO LOCATION SHOWN. CONTRACTOR TO PROVIDE NEW (2) NEMA-TYPE RECEPTACLE AT HEIGHT INDICATED ON PLAN & PROVIDE NEW BRANCH CIRCUIT (2#2, #125 IN 3/4" G) TO NEXT AVAILABLE SPARE 30AMP CIRCUIT BREAKER IN EXISTING PANEL (FOR EACH OVEN). PROVIDE NEW BREAKER AND REWORK EXISTING PANEL TO ACCOMMODATE NEW BREAKERS AS NEEDED. INSTALL PER MANUFACTURERS RECOMMENDATIONS. SEE DEMO SHEET D10 FOR PREVIOUS LOCATION.

- POWER PLAN GENERAL NOTES:**
- THE G.C. IS RESPONSIBLE FOR ALL TEMPORARY POWER AS NECESSARY.
 - CONVENIENCE OUTLETS MOUNTED AS REQUIRED BY LOCAL CODES UNLESS OTHERWISE INDICATED. CONVENIENCE OUTLETS TO MATCH ADJACENT WALL COLOR AS REQUIRED. OUTLETS TO BE LOCATED SO AS TO BE INCONSPICUOUS AS POSSIBLE.
 - THE G.C. IS RESPONSIBLE FOR ALL FLOOR & WALL PENETRATIONS FOR ELECTRICAL & MECHANICAL WORK. ALL SUCH OPENINGS SHALL BE FRAMED & REINFORCED.
 - ELECTRICAL CONTRACTOR TO PROVIDE & INSTALL ALL EQUIPMENT NEUTRAL & GROUND WIRING AS REQUIRED.
 - ELECTRICAL CONTRACTOR TO VERIFY ALL CONTROL WIRING WITH MECHANICAL CONTRACTOR TO ENSURE INTERLOCKING OF ALL EQUIPMENT.
 - ELECTRICAL CONTRACTOR TO PROVIDE ALL EQUIPMENT DISCONNECT SWITCHING AS REQUIRED.
 - ALL SINGLE-PHASE RECEPTACLES RATED 150V TO GROUND OR LESS, 60A OR LESS AND THREE-PHASE RECEPTACLES RATED 480V TO GROUND OR LESS, 100A OR LESS INSTALLED IN THE KITCHEN AREA SHALL HAVE GROUND-FAULT CIRCUIT-INTERRUPTER PROTECTION FOR PERSONNEL PER N.E.C. 210.8 AND INSTALLED IN ACCORDANCE WITH N.E.C. 240.23. ALTERNATIVELY, A GFCI CIRCUIT BREAKER CAN BE INSTALLED.
 - CONTRACTOR SHALL COORDINATE THE EXACT LOCATION & CONNECTION OF ALL EQUIPMENT PRIOR TO ROUGH-IN. REFER TO EQUIPMENT PLANS FOR MORE INFORMATION ON EQUIPMENT SUPPLIED BY OTHERS.
 - CONTRACTOR SHALL COORDINATE WITH OWNER FOR CABLES TO BE FILLED FOR CASH REGISTER & MONITOR SYSTEM. CONTRACTOR SHALL INSTALL OWNER PROVIDED CABLES AS REQUIRED TO MAKE A COMPLETE WORKING SYSTEM.
 - EXISTING EQUIPMENT LOCATION, BRANCH CIRCUITS, ETC., ARE BASED ON ORIGINAL BUILDING ELECTRICAL DRAWINGS & ARE SHOWN FOR REFERENCE ONLY. FIELD VERIFY EXISTING FIXTURE LOCATIONS, CIRCUITS, CIRCUIT NUMBERS, ETC.
 - COORDINATE MECHANICAL EQUIPMENT LOCATIONS WITH MECHANICAL PLANS & MECHANICAL CONTRACTOR.
 - WHERE NEW FIXTURES, OUTLETS, SWITCHES, DEVICES, ETC., ARE INSTALLED IN EXISTING WALLS OR CEILING, REPAIR EXISTING SURFACES TO MATCH ADJACENT FINISH. COORDINATE EXISTING CEILING & WALL REPAIRS WITH THE GENERAL CONTRACTOR.
 - WHERE BRANCH CIRCUIT HOHERING INDICATE WIRE SIZES, THE BRANCH CIRCUIT SHALL BE THAT SIZE WIRE THROUGHOUT, INCLUDING SWITCH LEGS, ETC.
 - DO NOT INSTALL ANY KITCHEN EQUIPMENT UNTIL APPROVED SHOP DRAWINGS HAVE BEEN RECEIVED. VERIFY POWER & ROUGH-IN REQUIREMENTS WITH MANUFACTURER. MAKE ALL CONNECTIONS & PROVIDE ALL DEVICES TO PLACE EQUIPMENT IN OPERATION.
 - EQUIPMENT GROUNDING CONDUCTORS SHALL BE INCLUDED IN ALL RACEWAYS.
 - MINIMUM WIRE SIZE SHALL BE #12 COPPER IN 1/2" EMT.
 - G.C. TO ALLOW FOR COSTS TO ADJUST POS SYSTEM AT THE NEW SERVICE COUNTER & NEW MONITOR INSTALLATION/EMP BAR RELOCATION.
 - CONTRACTOR SHALL RELEASE EXISTING CIRCUITS FOR LIGHTING, POWER & SIGNAGE REMODEL. VERIFY LIGHTING CONTROLS FOR REUSE. CONTRACTOR TO VERIFY CIRCUIT INTEGRITY & CAPACITY, PROVIDE NEW ONLY AS NEEDED.
 - THE ELECTRICAL CONTRACTOR SHALL BE OBLIGATED TO VISIT THE JOB SITE PRIOR TO SUBMITTING HIS BID TO INSURE THAT THE EXISTING SERVICE EQUIPMENT (METER MAIN DISCONNECT SWITCH, PANELBOARDS, ETC.) ARE CORRECT & COMPLIANT TO THE ADOPTED VERSION OF THE N.E.C. & LOCAL GOVERNING CODES. THE CONTRACTORS SHALL INCLUDE STRUCTURAL MOUNTING OF EQUIPMENT, GROUNDING & WEATHER-PROOFING, ETC., THE CONTRACTOR WILL NOT BE PAID COMPENSATION FOR HIS FAILURE TO VISIT THE JOB SITE.
 - ALL ELECTRICAL WORK SHALL COMPLY WITH THE LATEST MUNICIPALITIES ADOPTED EDITION OF THE N.E.C. & LOCAL CODES.
 - IF DRAWINGS ARE IN CONFLICT FROM ACTUAL SITE CONDITIONS, ELECTRICAL CONTRACTOR SHALL NOTIFY ENGINEERS & PROVIDE INFORMATION REFLECTING ACTUAL CONDITIONS.
 - COORDINATE FINAL DESIGN WITH SITE PLAN "C-SHEETS".
 - ALL ELECTRICAL DEVICES IN AREAS SLATED FOR DEMOLITION THAT ARE NOT TO BE REUSED SHALL BE COMPLETELY REMOVED BACK TO SOURCE OR TO A SUITABLE, ACCESSIBLE LOCATION. TERMINATE & TAG CIRCUITS. DO NOT ABANDON. UPDATE ALL RECORD DOCUMENTS. CONTRACTOR SHALL VERIFY ALL EXISTING ELECTRICAL DEVICES ASSOCIATED WITH EQUIPMENT TO BE RELOCATED PRIOR TO DEMOLITION.
 - SEE EQUIPMENT SCHEDULE, ARCHITECTURAL SHEETS, FOR ADDITIONAL KITCHEN EQUIPMENT INFORMATION.

- PLAN NOTE**
- CONTRACTOR SHALL USE EXISTING SPARE/SPACE OR REUSE EXISTING BRANCH CIRCUITS FOR LIGHTING, POWER AND SIGN REMODEL. NEW/REUSED BRANCH CIRCUIT(S) SHALL MATCH THE MANUFACTURERS PUBLISHED ELECTRICAL CHARACTERISTICS OF PROPOSED EQUIPMENT, AS WELL AS MATCHING THE CHARACTERISTICS OF SOURCE PANEL. WHERE APPLICABLE, CONTRACTOR SHALL PROVIDE ADDITIONAL ELECTRICAL DEVICES NECESSARY FOR COMPLIANCE (E.G. SHUNT-TRIP, OVER-RIDE, ADDITIONAL CONTROL, ETC.). REPLACE BRANCH CIRCUIT(S) IF CHARACTERISTICS DO NOT MATCH REPLACEMENT EQUIPMENT. REUSED EXISTING BRANCH CIRCUIT SUPPLYING MULTIPLE OUTLETS SHALL BE VERIFIED FOR INTEGRITY AND CAPACITY OF ALL EQUIPMENT INSTALLED ON THAT CIRCUIT. ALL EXISTING/NEW BRANCH CIRCUITS BEING UTILIZED FOR THIS BUILDING RENOVATION SHALL BE FIELD-VERIFIED FOR INTEGRITY, CAPACITY (80% OF RATED BREAKER) AND SHALL MEET CURRENTLY ADOPTED NATIONAL ELECTRICAL CODE COMPLIANCE AS WELL AS ADDITIONAL REQUIREMENTS CONTAINED IN THESE DOCUMENTS. SEE DEMOLITION DRAWINGS FOR REMOVED EQUIPMENT. ALL NEW CONDUCTORS SHALL BE IN CONDUIT AND CONCEALED IN WALLS OR ABOVE CEILING(S).



2 DRIVE-THRU - POWER
SCALE: 1/4" = 1'-0"

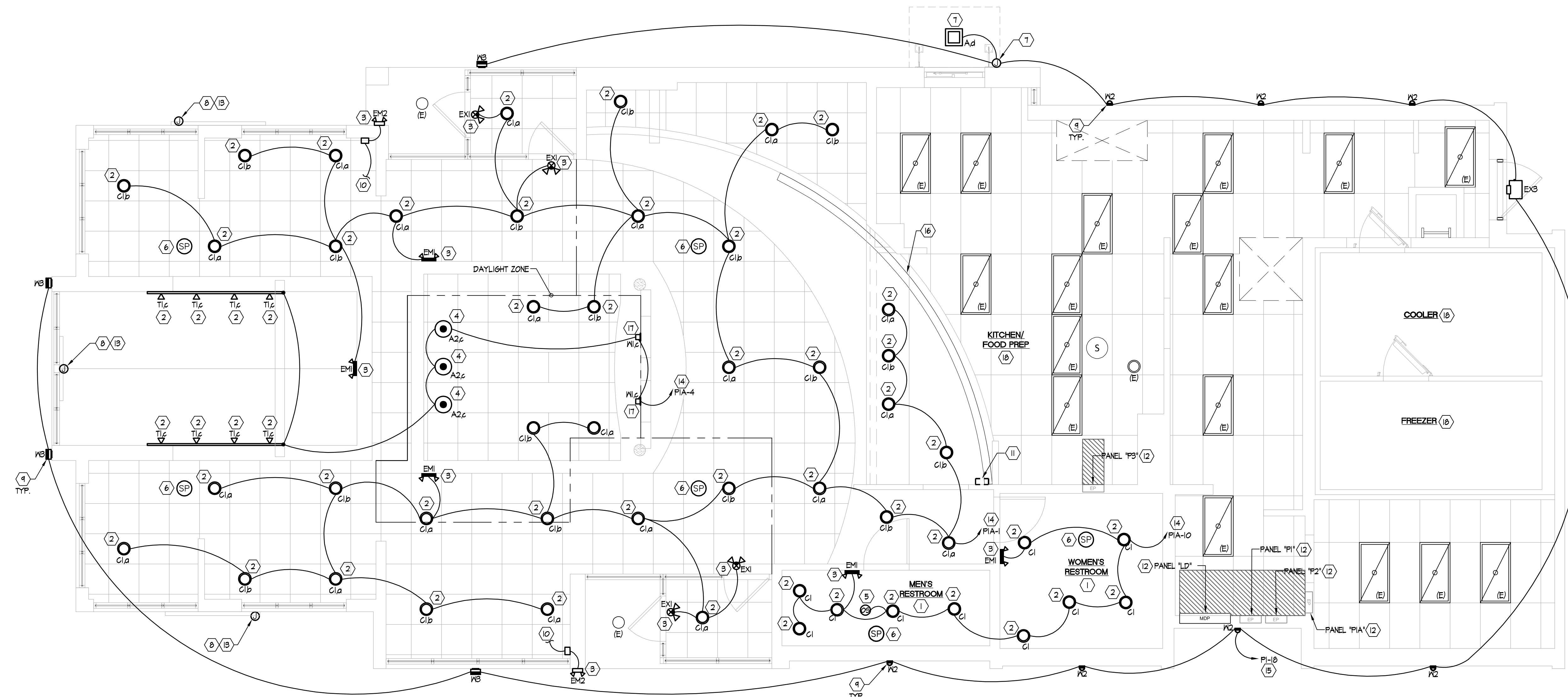
REGISTRATION SEAL
STATE OF OHIO
ROBERT L. QUEATHEN
REGISTERED PROFESSIONAL ENGINEER
E-73419
7/24/24

ROBERT L. QUEATHEN
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ARBYS REMODEL
31219 VINE ST.
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STORE # 1832

PROJECT NO: 230688
DRAWN BY: BC
CHECKED BY: SWH
ISSUE DATE: 07/19/24

FLOOR PLAN - POWER
E200



DAYLIGHT LIGHTING NOTE:
 SIDELIGHT DAYLIGHT AREAS LOCATED IN THE FIRST FLOOR, ABOVE GRADE OF A RESTAURANT ARE EXEMPT FROM DAYLIGHT-RESPONSIVE CONTROLS REQUIREMENTS PER 2021 IECC CODE C409.2.4 EXCEPTION 2. (NOTE: A RESTAURANT IS CLASSIFIED AS AN A-2 ASSEMBLY GROUP, AS DEFINED IN SECTION 303.9 OF THE I.B.C.)

1 FLOOR PLAN - LIGHTING
 SCALE: 1/4" = 1'-0"

- NOTE: CONTRACTOR TO VERIFY CEILING TYPE & PROVIDE NECESSARY ACCESSORIES FOR INSTALLATION PRIOR TO ORDERING LIGHT FIXTURES.
- NOTE: SIGNAGE & ANNINGS SHOWN FOR LOCATION PURPOSES ONLY & ARE TO BE FILED UNDER SEPERATE PERMIT.
- NOTE: CONTRACTOR SHALL USE/REUSE EXISTING CIRCUITS FOR LIGHTING, POWER & SIGNAGE REMODEL. VERIFY LIGHTING CONTROLS FOR REUSE. CONTRACTOR TO VERIFY CIRCUIT INTEGRITY & CAPACITY, PROVIDE NEW ONLY AS NEEDED.
- NOTE: REFER TO SHEET E400 FOR LIGHTING FIXTURE SCHEDULE.

PLAN NOTE

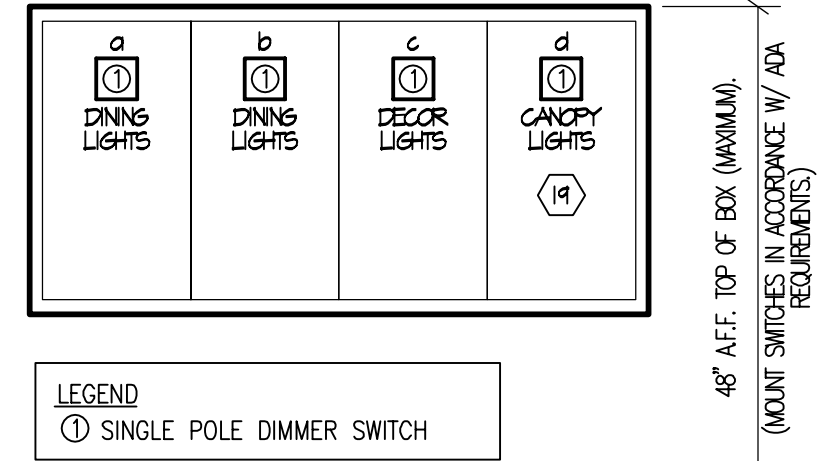
CONTRACTOR SHALL USE EXISTING SPARE/SPACE OR REUSE EXISTING BRANCH CIRCUITS FOR LIGHTING, POWER AND SIGN REMODEL. NEW/REUSED BRANCH CIRCUIT(S) SHALL MATCH THE MANUFACTURERS PUBLISHED ELECTRICAL CHARACTERISTICS OF PROPOSED EQUIPMENT, AS WELL AS MATCHING THE CHARACTERISTICS OF SOURCE PANEL. WHERE APPLICABLE CONTRACTOR SHALL PROVIDE ADDITIONAL ELECTRICAL DEVICES NECESSARY FOR COMPLIANCE (E.G. SHUNT-TRIP, OVER-RIDE, ADDITIONAL CONTROL, ETC.). REPLACE BRANCH CIRCUIT(S) IF CHARACTERISTICS DO NOT MATCH REPLACEMENT EQUIPMENT. REUSE EXISTING BRANCH CIRCUIT SUPPLYING MULTIPLE OUTLETS SHALL BE FIELD-VERIFIED FOR INTEGRITY & CAPACITY (BOX OF RATED BREAKER) AND SHALL MEET CURRENTLY ADOPTED NATIONAL ELECTRICAL CODE COMPLIANCE AS WELL AS ADDITIONAL REQUIREMENTS CONTAINED IN THESE DOCUMENTS. SEE DEMOLITION DRAWINGS FOR REMOVED EQUIPMENT. ALL NEW CONDUCTORS SHALL BE IN CONDUIT AND CONCEALED IN WALLS OR ABOVE CEILINGS.

LIGHTING PLAN GENERAL NOTES:

- A. EMERGENCY LIGHTS, EXIT SIGNS & NL (NIGHT LIGHT) SHALL BE SUPPLIED BY HOT LINES NOT SWITCHED LEGS.
- B. ALL FIXTURES MARKED TYP (EMERGENCY) SHALL HAVE (2) LAMPS ON AN UNWITCHABLE LEG OF THE ROOM LIGHTING CIRCUIT WITH AN EMERGENCY BATTERY INVERTER BALLAST.
- C. ALL FINAL CONNECTIONS ARE MADE BY THE ELECTRICAL CONTRACTOR.
- D. ELECTRICAL CONTRACTOR SHALL VERIFY EXISTING LIGHTING CONTROL SYSTEM. PROVIDE NEW CONTRACTORS IF EXISTING SYSTEM IS INADEQUATE.
- E. INSTALLATION SHALL CONFORM TO THE 2020 IECC ENERGY CODE COMPLIANCE DESIGN STANDARDS FOR COMMERCIAL BUILDINGS.
- F. ALL WORK & MATERIALS SHALL COMPLY WITH GOVERNING CODES, SAFETY ORDERS & REGULATIONS. CONTRACTOR SHALL OBTAIN & PAY FOR ALL NECESSARY PERMITS, FEES, & INSPECTIONS REQUIRED BY GOVERNING AUTHORITIES.
- G. CONTRACTOR PROVIDES CONDUIT FOR LINE & LOW VOLTAGE WIRING, LINE VOLTAGE WIRING, DISCONNECTS, CIRCUIT BREAKERS, FINAL CONNECTIONS, & ITEMS INDICATED.
- H. ANY EQUIPMENT THAT IS SUBSTITUTED SHALL FIT IN THE SPACE PROVIDED WITH ADEQUATE ROOM FOR SERVICING, INCLUDING SUBSTITUTE EQUIPMENT NAMED IN THE SPECIFICATIONS. CONTRACTOR SHALL SUBMIT A 1/4" SCALE DRAWING OF ALL EQUIPMENT SUBSTITUTED FOR APPROVAL PRIOR TO INSTALLATION.
- I. THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN SERVICE ACCESS SPACE IN ACCORDANCE TO MANUFACTURERS, LOCAL CODE & AUTHORITY REQUIREMENTS.
- J. THE MECHANICAL CONTRACTOR IS RESPONSIBLE FOR ALL THE HVAC SYSTEM CONTROLS INCLUDING LOW VOLTAGE WIRING.
- K. CONTRACTOR SHALL COORDINATE INSTALLATION OF MECHANICAL WORK WITH ALL OTHER TRADES SO AS TO AVOID UNNECESSARY DELAY OR INTERFERENCES. CONTRACTOR TO REVIEW ARCHITECTURAL & EQUIPMENT SHEETS.
- L. CIRCUIT ALL ELECTRICAL LIGHTING CIRCUITS TO EXISTING PANELS. PANELS TO BE BALANCED. MEN SWITCHES TO BE INSTALLED IN EXISTING SWITCH BANK AREA. CONTRACTOR TO VERIFY.
- M. CONTRACTOR SHALL SUPPLY & INSTALL ALL MATERIALS TO PROVIDE A COMPLETE INSTALLATION IN ACCORDANCE WITH THE CURRENT EDITION OF THE N.E.C., STATE, & LOCAL CODES INCLUDING AMENDMENTS.
- N. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR ALL PENDANT LIGHT LOCATIONS.
- O. PROVIDE A MINIMUM #0 AWG CONDUCTORS FOR ALL EMERGENCY CIRCUITS SERVING NIGHT / EMERGENCY LIGHTING (FOR THE ENTIRE CIRCUIT), ON ALL OTHER 120V CIRCUITS OVER 100 FEET, & 277V CIRCUITS OVER 200 FEET.
- P. SIGN & ANNING LIGHTING PROVIDED BY MANUFACTURE. G.G. TO PROVIDE ELECTRICAL POWER & HOOD-LIF.
- Q. THE CAPITAL LETTER BESIDE THE LIGHTING SYMBOL INDICATES THE FIXTURE TYPE. REFER TO THE LIGHT SCHEDULE THIS SHEET FOR THE LIGHT FIXTURE INFORMATION. THE LOWER CASE LETTER BESIDE THE LIGHTING SYMBOL (WHERE APPLICABLE) DENOTES SWITCHING DESIGNATION. PROVIDE A COMMON SWITCH FOR ALL FIXTURES WITH THE SAME SWITCH DESIGNATION.
- R. IF FIRE ALARM IS PROVIDED, AN ALDIBLE & VISUAL ALARM MUST BE PROVIDED IN ALL COMMON AREAS & SHALL BE MOUNTED AT 8'0" ABOVE THE HIGHEST FLOOR LEVEL WITHIN THE SPACE OR 6' BELOW THE CEILING, WHICHEVER IS LOWER.
- S. WHERE NEW FIXTURES, OUTLETS, SWITCHES, DEVICES, ETC. ARE INSTALLED IN EXISTING WALLS OR CEILING, REPAIR EXISTING SURFACES TO MATCH ADJACENT FINISH. COORDINATE EXISTING CEILING & WALL REPAIRS WITH THE GENERAL CONTRACTOR.
- T. COORDINATE FIXTURE LOCATIONS WITH ARCHITECTS REFLECTED CEILING PLAN, CEILING CONTRACTOR, BUILDING STRUCTURE, MECHANICAL EQUIPMENT & DUCTWORK LOCATIONS, ETC.
- U. ALL FIXTURES IN FOOD PREP AREAS SHALL BE LEDDED, PROVIDE NEW PROTECTIVE LENSES AS NEEDED.
- V. LIGHTING CIRCUITS SHALL NOT EXCEED 4000 WATTS.

LIGHTING PLAN KEYED NOTES

1. CONTRACTOR TO REMOVE & PROTECT EXISTING CEILING MOUNTED ELECTRICAL DEVICES FOR REUSE. SAND & PAINT AS NEEDED FOR NEW DECOR. REINSTALL IN CEILING. VERIFY PROPER OPERATION. REPLACE NON-OPERATING EQUIPMENT.
2. CONTRACTOR TO PROVIDE & INSTALL NEW LIGHTING FIXTURE, SEE LIGHTING SCHEDULE FOR MORE INFORMATION. RENOV & EXTEND EXISTING LIGHTING BRANCH CIRCUIT TO NEW FIXTURE LOCATIONS. REUSE EXISTING LIGHTING CONTROL OR IF NONE EXISTS, PROVIDE & INSTALL A NEW LIGHTING CONTROL SYSTEM. COORDINATE WITH OWNER FOR LIGHTING CONTROL SYSTEM & LOCATION APPROVAL. LIGHTING SYSTEM SHALL COMPLY WITH THE LATEST ADOPTED VERSION OF THE ENERGY CONSERVATION CODE. MAKE ALL FINAL CONNECTIONS.
3. PROVIDE A SEPARATE HOT LEAD FROM LOCAL AREA LIGHTING CIRCUIT, TO EM CONTROL IN FIXTURE, BY-PASSING ALL SWITCHING AND LIGHTING CONTROL. CONTRACTOR TO PROVIDE BREAKER IDENTIFICATION OF EMERGENCY SYSTEMS ON THAT CIRCUIT. SEE LIGHTING FIXTURE SCHEDULE AND GENERAL NOTES, THIS SHEET. (NOTE: CONTRACTOR TO PROVIDE ADDITIONAL CODE COMPLIANT EMERGENCY EGRESS LIGHTING FIXTURES IF REQUIRED BY THE A.H.J.)
4. NEW (OWNER FURNISHED), CONTRACTOR INSTALLED PENDANT OVER TABLES, SEE LIGHTING FIXTURE SCHEDULE FOR MORE INFORMATION. CONTRACTOR TO RETAIN & VERIFY CONTINUITY OF EXISTING LIGHTING CIRCUIT FOR REUSE. EXTEND & RELOCATE EXISTING CIRCUIT OVER TABLES, PROVIDE CODE COMPLIANT BRACING & JUNCTION BOX FOR NEW PENDANT FIXTURE. INSTALL NEW PENDANT FIXTURE PER MANUFACTURERS SPECIFICATIONS. REUSE EXISTING LIGHTING CONTROL OR IF NONE EXISTS, PROVIDE & INSTALL A NEW LIGHTING CONTROL SYSTEM. COORDINATE WITH OWNER FOR LIGHTING CONTROL SYSTEM & LOCATION APPROVAL. LIGHTING SYSTEM SHALL COMPLY WITH THE LATEST ADOPTED VERSION OF THE ENERGY CONSERVATION CODE. MAKE ALL FINAL CONNECTIONS. CONTRACTOR TO COORDINATE WITH DECOR VENDOR FOR ADDITIONAL INFORMATION.
5. NEW FLUSH CEILING MOUNTED DUAL-TECHNOLOGY OCCUPANCY SENSOR. SET TIMING AND LOADS PER OWNERS RECOMMENDATION, MANUFACTURER: MATSTOPPER CX-100 OR CH-100. INTERLOCK WITH EXHAUST FAN FOR SIMULTANEOUS OPERATION.
6. NEW SPEAKER TO BE PROVIDED AND INSTALLED BY OWNER. CONTRACTOR SHALL VERIFY AND COORDINATE WITH OWNER ALL WORK REQUIRED TO COMPLETE INSTALLATION AS DIRECTED, IF NECESSARY.
7. NEW CANOPY: EXTEND EXISTING LIGHTING BRANCH CIRCUIT TO CANOPY & MAKE FINAL CONNECTIONS. PROVIDE & MOUNT JUNCTION BOX IN ACCESSIBLE LOCATION. EXTEND FINAL CIRCUIT RUN TO CANOPY. G.G. TO COORDINATE WITH CANOPY MANUFACTURER & ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING LOCATION. EACH CANOPY WILL REQUIRE A 120-VOLT POWER SOURCE FOR A NEW RECESSED L.E.D. LIGHT FIXTURE 'A' (SEE LIGHT FIXTURE SCHEDULE). CIRCUIT TO EXISTING EXTERIOR LIGHTING, LIGHTING TO BE CONTROLLED THRU EXISTING EXTERIOR LIGHTING CONTROL SYSTEM OR IF NONE EXISTS, PROVIDE & INSTALL A NEW LIGHTING CONTROL SYSTEM. COORDINATE WITH OWNER FOR LIGHTING CONTROL SYSTEM & LOCATION APPROVAL. ALL WIRING SHALL BE CONCEALED INSIDE WALLS & SEAL ALL PENETRATIONS. UPDATE RECORD DOCUMENTS.
8. PROVIDE JUNCTION BOX FOR CONNECTION TO NEW EXTERIOR BUILDING SIGNAGE, G.G. TO PROVIDE POWER & FINAL CONNECTIONS (MOUNT JUNCTION BOXES) IN AN ACCESSIBLE LOCATION). G.G. TO COORDINATE WITH SIGN SUPPLIER & ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING LOCATION. VERIFY REQUIREMENTS & LOCATION PRIOR TO ROUGH-IN CIRCUIT TO EXISTING SIGN BRANCH CIRCUIT AND CONTROLS. FIELD VERIFY THE INSTALLED WIRING OF NEW EXTERIOR SIGNAGE. A SINGLE SIGN CIRCUIT SHALL NOT EXCEED 1400 WATTS. PROVIDE ADDITIONAL CIRCUITS AS REQUIRED. BUILDING SIGN TO BE CONTROLLED THRU EXISTING EXTERIOR LIGHTING CONTROL SYSTEM OR IF NONE EXISTS, PROVIDE & INSTALL A NEW LIGHTING CONTROL SYSTEM. COORDINATE WITH OWNER FOR LIGHTING CONTROL SYSTEM & LOCATION APPROVAL. ALL WIRING SHALL BE CONCEALED INSIDE WALLS/CEILING OR BELOW GRADE & SEAL ALL PENETRATIONS. INSTALLED PER N.E.C., ARTICLE 600 "ELECTRIC SIGNS AND OUTLINE LIGHTING".
9. NEW EXTERIOR LIGHT FIXTURE: SEE LIGHTING FIXTURE SCHEDULE FOR MORE INFORMATION. CONTRACTOR TO VERIFY CONTINUITY OF EXISTING EXTERIOR LIGHTING CIRCUIT FOR REUSE. EXTEND EXISTING EXTERIOR LIGHTING CIRCUIT TO NEW LIGHTING FIXTURE LOCATIONS. SEE ARCHITECTURAL PLANS FOR EXACT MOUNTING LOCATIONS & HEIGHTS. ALL EXTERIOR LIGHTING TO BE CONTROLLED THRU EXISTING EXTERIOR LIGHTING CONTROL SYSTEM OR IF NONE EXISTS, PROVIDE & INSTALL A NEW LIGHTING CONTROL SYSTEM. COORDINATE WITH OWNER FOR LIGHTING CONTROL SYSTEM & LOCATION APPROVAL. ALL WIRING SHALL BE CONCEALED INSIDE WALLS/CEILING OR BELOW GRADE & SEAL ALL PENETRATIONS. INSTALLED PER N.E.C., ARTICLE 600 "ELECTRIC SIGNS AND OUTLINE LIGHTING".
10. PROVIDE POWER-PACK WITH FIXTURE FROM SUPPLIER MOUNTED ABOVE ACCESSIBLE CEILING. CIRCUIT TO LOCAL LIGHTING CIRCUIT.
11. PROPOSED SWITCH BANK LOCATION FOR NEW AND RELOCATED LIGHTING CONTROLS (COORDINATE EXACT NEW SWITCH BANK LOCATION WITH OWNER IN FIELD). REFER TO DEMOLITION DRAWINGS FOR PREVIOUS SWITCH BANK LOCATION. PROVIDE A JUNCTION BOX (SIZE PER N.E.C. CODE) ABOVE THE ACCESSIBLE CEILING AND EXTEND EXISTING LIGHTING CONTROL CONDUCTORS TO NEW LOCATION SHOWN (SEE PLANS). CONTRACTOR TO PROVIDE SWITCH INDICATION AND LABEL FOR THEIR INTENDED USE. SEE DETAIL #2, THIS SHEET FOR NEW LIGHTING FIXTURE CONTROLS.
12. PROVIDE REQUIRED WORKING SPACE/CLEARANCE FOR ELECTRICAL PANEL PER N.E.C. CONTRACTOR TO CLEARLY IDENTIFY/INDICATE NOT LESS THAN 30"x36" D CLEARANCE AREA/ WORKING SPACE (PER IFC 605.3). IF EQUIPMENT IS LARGER THAN 30" WIDE, WORKING SPACE/CLEARANCE SHALL NOT BE LESS THAN EQUIPMENT WIDTH.
13. REMOVE EXISTING EXTERIOR BUILDING SIGN, NEON, & ASSOCIATED DEVICES. CONTRACTOR TO VERIFY CONTINUITY OF THE EXISTING BRANCH CIRCUIT & REMOVE CIRCUIT BACK TO SUITABLE LOCATION FOR EXTENSION TO NEW EXTERIOR ELECTRICAL DEVICES (I.E. NEW EXTERIOR BUILDING SIGNS, ANNINGS, ETC.) OR FULLY DEMO EXISTING CIRCUIT BACK TO SOURCE, IF EXISTING CIRCUIT IS NOT REUSE FOR THIS REMODEL. DO NOT ABANDON. UPDATE RECORD DOCUMENTS. SEE ARCHITECTURAL DRAWINGS FOR MORE INFORMATION. PATCH & REPAIR WALL AS NEEDED.
14. CONTRACTOR TO CIRCUIT NEW LIGHTING TO PREVIOUSLY DEMOLISHED INTERIOR BRANCH LIGHTING CIRCUIT. CONTRACTOR SHALL RENOV & EXTEND EXISTING LIGHTING BRANCH CIRCUIT TO NEW LIGHT LOCATIONS. NEW LIGHTING SHALL BE CONTROLLED BY MANUAL SWITCHING. FIELD VERIFY EXISTING SYSTEM AS NEEDED. SEE KEYED NOTE #11 FOR ADDITIONAL SWITCH CONTROL SYSTEM AND LOCATION APPROVAL. LIGHTING SYSTEM SHALL COMPLY WITH THE LATEST ADOPTED VERSION OF THE LOCAL ENERGY CODE. PROVIDE ALL NECESSARY DEVICES AND MAKE ALL FINAL CONNECTIONS.
15. CONTRACTOR TO CIRCUIT NEW LIGHTING TO PREVIOUSLY DEMOLISHED EXTERIOR BRANCH LIGHTING CIRCUIT. CONTRACTOR SHALL RENOV & EXTEND EXISTING LIGHTING BRANCH CIRCUIT TO NEW LIGHT LOCATIONS. NEW LIGHTING SHALL BE CONTROLLED BY AN ASTROLOGICAL TIMECLOCK OR AN APPROVED LIGHTING CONTROL SYSTEM. FIELD VERIFY EXISTING SYSTEM AS NEEDED. LIGHTING SYSTEM SHALL COMPLY WITH THE LATEST ADOPTED VERSION OF LOCAL ENERGY CODE. PROVIDE ALL NECESSARY DEVICES AND MAKE ALL FINAL CONNECTIONS.
16. EXISTING MENU BOARD TO BE REINSTALLED AFTER NEW FINISH IS APPLIED. FIELD VERIFY ELECTRICAL REQUIREMENTS WITH MENU BOARD INSTALLER.
17. NEW (OWNER FURNISHED), CONTRACTOR INSTALLED WALL SOUNGE. SEE LIGHTING FIXTURE SCHEDULE FOR MORE INFORMATION. PROVIDE CODE COMPLIANT BRACING FOR NEW WALL SOUNGE. INSTALL PER MANUFACTURERS SPECIFICATION. COORDINATE WITH OWNER TO ENSURE FIXTURE DOES NOT INTERFERE WITH FURNITURE.
18. EXISTING LIGHTING TO REMAIN. NO WORK REQUIRED.
19. CONTRACTOR TO PROVIDE COMPATIBLE DIMMER SWITCH FOR CANOPY LED LIGHT. VERIFY WITH CANOPY MANUFACTURER FOR PROVIDED EXACT LIGHT FIXTURE.
20. DAYLIGHT ZONE SHOWN FOR REFERENCE PER IECC G109.2.
21. EXISTING EXHAUST HOOD TO REMAIN. NO WORK REQUIRED.
22. CONTRACTOR FIELD VERIFY ALL EXISTING AUTOMATIC LIGHTING CONTROL SYSTEM (TIMECLOCK, CONTRACTORS, PHOTOCELLS, ETC.) SERVING INTERIOR AND EXTERIOR LIGHTING CIRCUITS. CONTRACTOR TO REUSE EXISTING LIGHTING CONTROL SYSTEM WHERE POSSIBLE (ADD/RENOV/RE-CIRCUIT NEW/MODIFIED LIGHTING CIRCUITS AS REQUIRED). PROVIDE ADDITIONAL LIGHTING CONTACTS AND CONTROL DEVICES AS REQUIRED TO PROVIDE A CODE COMPLIANT LIGHTING SYSTEM. AS REQUIRED CONTRACTOR TO PROVIDE A NEW 120V (EMERGENCY CODE COMPLIANT) DUEL CHANNEL 365-DAY, 24HR PROGRAMMABLE TIME CLOCK, WITH INTERIOR & EXTERIOR CONTACTS. CONTRACTOR SHALL ROUTE ALL EXISTING AND NEW LIGHTING CIRCUITS THROUGH AUTOMATIC LIGHTING CONTROL SYSTEM (UNLESS CONTROLLED BY AN OCCUPANCY SENSOR, OTHERWISE NOTED OR WHERE PERMITTED BY CODE/A.H.J.)



2 SWITCH BANK DETAIL
 SCALE: N.T.S.

REGISTRATION SEAL
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 7/24/24
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Arby's

ARBY'S REMODEL
 3129 WINE ST.
 WILLIAMSVILLE, OH, 44095
 STORE # 1832

PROJECT NO: 230688
 DRAWN BY: JJK
 CHECKED BY: SAH
 ISSUE DATE: 07/19/24
FLOOR PLAN - LIGHTING
E300

PANEL	D "Production Line"			NEW INSTALL	X	FED TOP	X	
VOLTAGE	120/208	3 PHASE	4 WIRE	EXIST LOCATION		FED BOTTOM		
AMP BUS	125			RELOCATED EXIST		MTD FLUSH		
AMP MAIN	125	M.L.O.		A.I.C. RATING		MATCH EXISTING PNI		
OKT #	DESCRIPTION	WATTS	LOAD	WIRE SIZE	BRRR	POLE	OKT #	
1	TOASTER #1	1643	K	2#12, 1#12G in 3/4"C	20	2	2849	
3		1643	K	-	-	-	2849	
5	MICROWAVE #2	1206	K	2#12, 1#12G in 3/4"C	20	2	2412	
7		1206	K	-	-	-	2412	
9	PRINTER	180	M	2#12, 1#12G in 3/4"C	20	1	876	
11	CHEESE DISPENSER	996	K	2#12, 1#12G in 3/4"C	20	1	1122	
13	3-TIER HEAT N HOND	863	K	2#12, 1#12G in 3/4"C	20	2	2506	
15		863	K	-	-	-	1403	
17	DRAWER WARMER	636	K	2#12, 1#12G in 3/4"C	20	1	2136	
19	SPARE	-	-	-	-	-	635	
21	ROLL-IN REFRIGERAROR	1152	K	2#12, 1#12G in 3/4"C	20	1	2306	
23	SLICER	840	K	2#12, 1#12G in 3/4"C	20	1	1994	
		8402	7434	7664				23500 CONNECTED WATTS

PHASE DIFF.

L= LIGHTING/SIGNS 0 125% = 0
R= RECEPTACLES 0 100% = 0
M= MISC 720 100% = 720
H= HVAC 0 100% = 0
K= KITCHEN 22780 65% = 14807
LARGEST MOTOR 0 25% = 0

NOTE:
1 PROVIDE G.F.C.I. PROTECTION (4mA) FOR BRANCH CIRCUIT
2 PROVIDE SEPARATE GROUND/NEUTRAL FOR GFCI EQUIPMENT

NOTE:
PANEL IS A PREWIRED INTEGRATED ELECTRICAL PANEL LOCATED IN NEW PRODUCTION LINE TABLE. SQUARE "D" #Q0330L25G CIRCUIT BREAKER LOAD CENTER WITH #Q0330UF COVER AND GROUND BAR KIT WITH GROUND LUG.

DEMAND WATTS 15527 = 43.1 DEMAND AMPS

PANEL SCHEDULE KEYED NOTES:

1 PROVIDE CIRCUIT BREAKER INDICATION FOR EMERGENCY SYSTEMS CIRCUITS PER N.E.C. ARTICLE 100.

2 ALL NEW BREAKERS SHALL MATCH EXISTING BRANCH PANEL RATINGS.

DESCRIPTION	LOAD TYPE	LOAD VA	CONNECTED VA	DEMAND VA
KITCHEN EGP. (ADDED)	KTGH	600	590	
PRODUCTION LINE (ADDED)	KTGH	29500	19527	
INTERIOR LIGHTING (ADDED)	LIGHT	643	604	
EXTERIOR LIGHTING (ADDED)	LIGHT	261	326	
EXTERIOR SIGNAGE (ADDED)	LIGHT	3600	4500	
D.T. EQUIPMENT (ADDED)	MISC	1200	1200	
RECEPTACLE (ADDED)	REC	2880	2880	
TOTAL LOAD ADDED		32684	25627	

DESCRIPTION	TOTAL
DEMOED DEMAND LOAD (watts)	- 20,965
PLUS NEW DEMAND LOAD (watts)	+ 25,627
TOTAL DEMAND ADJUSTMENT (watts)	- 9,338
TOTAL DEMAND ADJUSTMENT (amperes)	- 4.3

NOTE:
SPACE HAS AN EXISTING 800 AMP, 120/208, 3φ, 4W ELECTRICAL SERVICE.

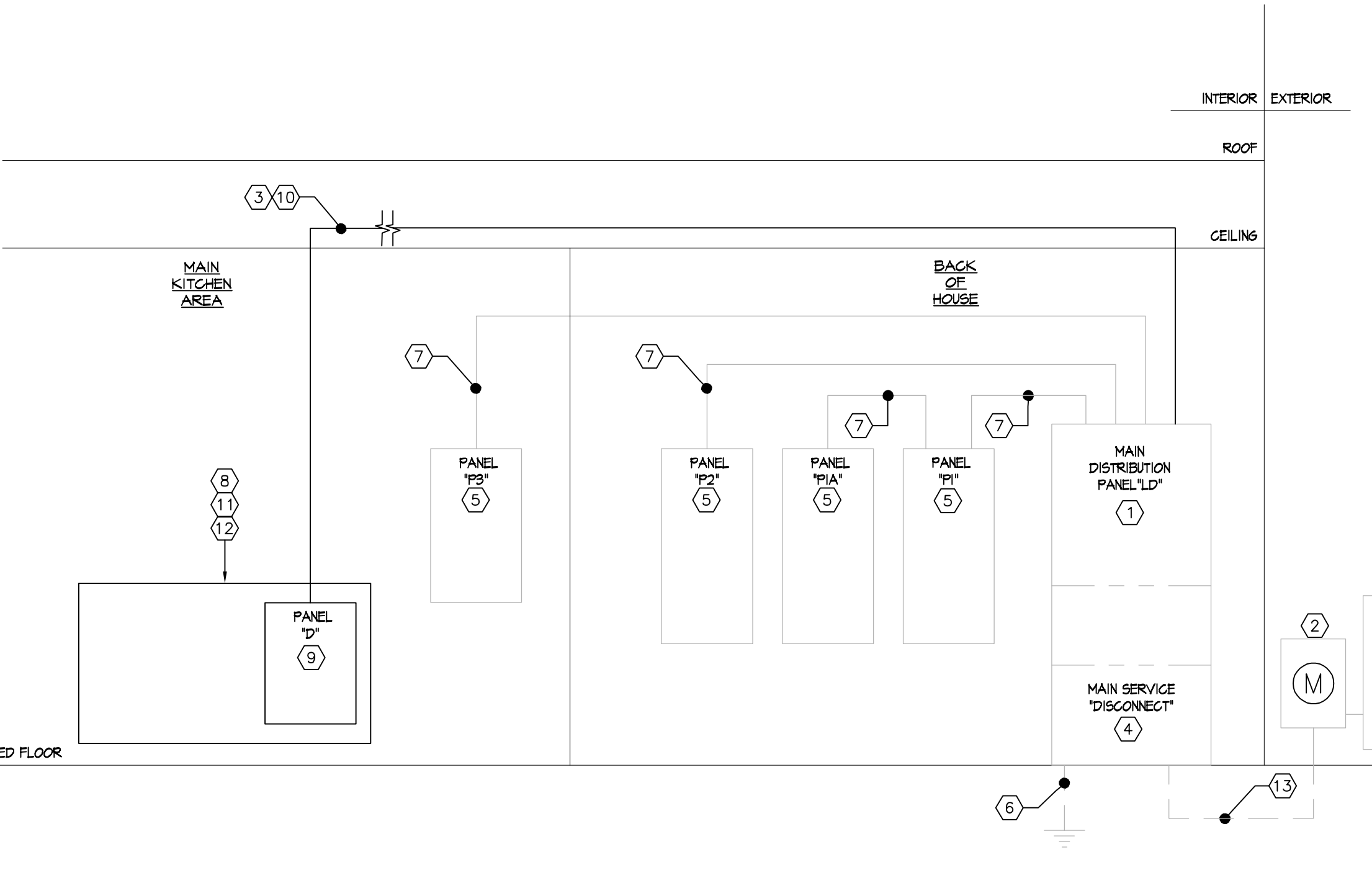
DESCRIPTION	LOAD TYPE	LOAD VA	CONNECTED VA	DEMAND VA
KITCHEN EGP. (REMOVED)	KTGH	30700	19855	
INTERIOR LIGHTING (REMOVED)	LIGHT	1448	1810	
EXTERIOR LIGHTING (REMOVED)	LIGHT	1200	1500	
EXTERIOR SIGNAGE (REMOVED)	LIGHT	3600	4500	
D.T. EQUIPMENT (REMOVED)	MISC	1200	1200	
TOTAL LOAD REMOVED		38148	28165	

LOAD DESCRIPTION	APPLICABLE FACTOR
LIGHT	125%
KTGH KITCHEN EQUIPMENT	65%
HVAC	100%
REC RECEPTACLE	100%
MISC MISCELLANEOUS	100%

VOLTAGE DROP SCHEDULE						
120V BRANCH CIRCUITS: MAXIMUM CIRCUIT LENGTH; 3% MAX VOLTAGE DROP						
WIRE GAUGE (COPPER)						
	#12	#10	#8	#6	#4	#3
3,840	N/A	N/A	64	110	174	220
3,500	N/A	N/A	76	120	191	242
3,250	N/A	N/A	82	130	206	---
3,000	N/A	N/A	88	140	223	---
2,880	N/A	N/A	92	146	233	---
2,500	N/A	66	106	164	268	---
2,250	N/A	74	118	187	248	---
1,920	54	87	138	220	---	---
1,800	58	92	148	234	---	---
1,500	70	111	177	281	---	---
1,200	87	139	221	---	---	---
1,000	105	167	266	---	---	---
700	150	238	---	---	---	---

VOLTAGE DROP SCHEDULE						
208V/1-PHASE BRANCH CIRCUITS: MAXIMUM CIRCUIT LENGTH; 3% MAX VOLTAGE DROP						
WIRE GAUGE (COPPER)						
	#12	#10	#8	#6	#4	#3
8,320	N/A	N/A	96	152	241	---
7,488	N/A	N/A	106	164	269	---
6,656	N/A	N/A	120	190	302	---
5,764	N/A	N/A	138	220	---	---
4,992	N/A	100	160	253	---	---
4,160	N/A	120	192	304	---	---
3,328	94	150	240	---	---	---
2,080	151	251	---	---	---	---
1,456	216	---	---	---	---	---

VOLTAGE DROP SCHEDULE						
208V/3-PHASE BRANCH CIRCUITS: MAXIMUM CIRCUIT LENGTH; 3% MAX VOLTAGE DROP						
WIRE GAUGE (COPPER)						
	#12	#10	#8	#6	#4	#3
14,411	N/A	N/A	111	176	280	---
11,528	N/A	N/A	138	220	---	---
9,127	N/A	N/A	164	260	---	---
8,646	N/A	116	185	242	---	---
7,205	N/A	139	222	---	---	---
5,764	109	174	277	---	---	---
4,923	146	232	---	---	---	---
3,602	175	279	---	---	---	---
2,882	219	---	---	---	---	---



SYMBOL	FIXTURE ID	QTY.	MANUFACTURER/CATALOG NUMBER	DESCRIPTION	LAMP		VOLTS	MOUNTING	FIXTURE WATTAGE	REMARKS
					#	TYPE				
□	A	1	TRACE-LITE/ TLED-RC-36-VS-6-W	DRIVE THRU CANOPY LIGHT 12"SQ. X 2-1/2"H. LED RECESSED CANOPY LIGHT, 36 LED, WHITE FINISH	1	36 INTEGRAL LED MODULES	120	RECESSED	41	PROVIDED WITH CANOPY.
○	C1	48	ELITE/ LD6/C	RECESSED CAN LIGHT FIXTURE	1	LED SATCO/ S24T25	120	RECESSED	12	LIGHT FIXTURE TO BE ORDERED THROUGH NATIONAL ACCOUNT WITH E. SAM JONES. ATTN: KEVIN PRICE 1-800-624-9844.
□	F1	-	LITHONIA/ CPX 2X2 3200LM 40K M4	2'X2' LENSED TROFFER WITH ALUMINUM FRAME	1	LED ENGINE 4000 KELVIN COOL WHITE - (CHECK WITH OWNER)	120	RECESSED	30	LIGHT FIXTURE TO BE ORDERED THROUGH NATIONAL ACCOUNT WITH E. SAM JONES. ATTN: KEVIN PRICE 1-800-624-9844. HATCHING INDICATES TO PROVIDE WITH A (400LM (MIN), 90min. BACKUP BATTERY.
□	F2	-	LITHONIA/ CPX 2X4 4000LM 40K M2	2'X4' LENSED TROFFER WITH ALUMINUM FRAME	1	LED ENGINE 4000 KELVIN COOL WHITE - (CHECK WITH OWNER)	120	RECESSED	40	LIGHT FIXTURE TO BE ORDERED THROUGH NATIONAL ACCOUNT WITH E. SAM JONES. ATTN: KEVIN PRICE 1-800-624-9844. HATCHING INDICATES TO PROVIDE WITH A (400LM (MIN), 90min. BACKUP BATTERY.
□	F3	-	LITHONIA LIGHTING/ LBL-4L-P8-40	1'X4' LED WRAPAROUND	1	LED ENGINE 4000 KELVIN COOL WHITE - (CHECK WITH OWNER)	120	SURFACE	32	SURFACE MOUNTED SECURELY TO CEILING. NEW LIGHT FIXTURE IF REQUIRED TO BE ORDERED THROUGH NATIONAL ACCOUNT WITH E. SAM JONES. ATTN: KEVIN PRICE 1-800-624-9844.
⊗	A1	-	KICHLER LIGHTING/ 42046GZ	GLASS PENDANT FIXTURE	1	SATCO S45B	120	PENDANT	4.5	LIGHT FIXTURE TO BE SUPPLIED BY DECOR VENDOR. MOUNT CENTERED ABOVE TABLE TOPS @ 66" A.F.F.
⊗	A2	3	KICHLER LIGHTING/ T8200BZ	HAMMERED METAL PENDANT FIXTURE	1	SATCO S45B	120	PENDANT	4.5	LIGHT FIXTURE TO BE SUPPLIED BY DECOR VENDOR. MOUNT CENTERED ABOVE TABLE TOPS @ 70" A.F.F.
□	W1	2	BESA/DARCI 272607-6U24-BR	INTERIOR SCONCE FIXTURE	3	LED (INCLUDED)	120	SURFACE WALL	13	MOUNT FIXTURE CENTERED IN WALL
⌋	EM1	5	EXITRONIX/LED-52-YH-62	SURFACE OR CEILING MOUNTED THERMOPLASTIC EMERGENCY LIGHT WITH ADJUSTABLE HEADS, 6 VOLT LEAD CALCIUM BATTERY, WHITE HOUSING.	2	TWIN LED HEADS (INCLUDED)	120	UNIVERSAL	3 (N) 11 (EM)	90min. EMERGENCY BATTERY BACK UP MINIMUM LIGHT FIXTURE TO BE ORDERED THROUGH NATIONAL ACCOUNT WITH E. SAM JONES. ATTN: KEVIN PRICE 1-800-624-9844.
⌋	EM2	2	EXITRONIX/LED2-S-WP	GREY 2-HEAD, WEATHERPROOF REMOTE EMERGENCY ESCRESS LIGHT.	2	TWIN LED HEADS (INCLUDED)	6VDC	SURFACE	3	IF FIXTURE IS IN A LOCATION WHERE AN AWNING IS PRESENT, THEN MOUNT FIXTURE WITHIN AWNING.
⌋	EX1	4	EXITRONIX/VLEDG-5I-WH	THERMOPLASTIC COMBINATION TYPE EXIT SIGN WITH ADJUSTABLE HEADS, RED LETTERS, WHITE HOUSING, EM BATTERY BACK-UP, REMOTE LAMP CAPABILITY.	2	TWIN LED HEADS (INCLUDED)	120	UNIVERSAL	5	90min. EMERGENCY BATTERY BACK UP MINIMUM. REMOTE CAPACITY SHALL NOT EXCEED 11-WATTS @ 6VDC
□	FT1	-	FRONAL LED - QW-ND-2-PARLE-HOOD-FL-LO W/INK-BOX-ENCLD-POWER-SUPPLY OR ASLIGHT-LS-180-PR-RE20-A-W ASLIGHT-60N-POWER-SUPPLY	EXTERIOR LED FLEXIBLE TAPE FIXTURE	-	INTEGRAL LED	120	SURFACE WALL	-	PROVIDE POWER SUPPLY - EVERY 176 LED MODULES REQUIRES (1) 60W POWER SUPPLY MIDPOINT LOAD POWER SUPPLIES TO INSURE EVEN ILLUMINATION
□	W2	1	LITHONIA LIGHTING/ CLVD-LED-PI-40K-M/CLT-WH	EXTERIOR LED WALL SCONCE FIXTURE	-	INTEGRAL LED	120	SURFACE WALL	13	SEE ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING LOCATIONS.
□	W3	4	RAD LIGHTING/ SLIM2W-N-FINISH	EXTERIOR LED WALL PACK FIXTURE	-	INTEGRAL LED	120	SURFACE WALL	15	SEE ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING LOCATIONS.
□	EX3	1	HUBBELL LIGHTING/ P6M3-BOLL-S-BZ	EXTERIOR WALL PACK FIXTURE	-	INTEGRAL LED	120	SURFACE WALL	64	-
△	T1	8	TRAC-LITES R600L-52-35K-80CR-PDIM-FL-WH (HEADS) R-8FT-WH (TRACK) R38-WH (END-FEED)	INTERIOR TRACK LIGHT	-	INTEGRAL LED	120	TRACK	10	-

NOTES:
1. RECESSED FIXTURES INSTALLED IN AN INSULATED CEILING SHALL BE 1/2" RATED.
2. CONTRACTOR TO CONSULT WITH LIGHTING MANUFACTURERS TO PROVIDE UL LABELING TO REFLECT ACTUAL LAMP WATTAGE USED, NOT MAX FIXTURE WATTAGE.
3. 'EX' DENOTES EXISTING TO REMAIN.

SYMBOLS LEGEND			
⊕	JUNCTION BOX (SIZE PER N.E.C.)	▽	TELEPHONE/DATA OUTLET
⊕	DUPLEX RECEPTACLE	⊕	OCCUPANCY SENSOR
⊕	DUPLEX RECEPTACLE - GROUND-FAULT INTERRUPTER	⊕	SINGLE POLE, SINGLE THROW, 20A/120V LIGHT SWITCH. P = PILOT LIGHT
⊕	DUPLEX RECEPTACLE - ISOLATED GROUND	⊕	PANELBOARD
⊕	SPECIAL RECEPTACLE - VERIFY WITH MANUFACTURER	⊕	SPEAKER
---	INTER-CONNECT WIRING	⊕	EQUIPMENT TAG (SEE AIO2 FOR EQUIPMENT INFORMATION)
		⊕	KEY NOTE TAG - SEE ARCHITECTURAL SHEETS FOR EQUIPMENT.
		⊕	BRANCH CIRCUIT HOMERUN TO PANELBOARD WITH CONTINUOUS GREEN GROUND WIRE PER N.E.C., UNLESS OTHERWISE NOTED. CONCEALED OVERHEAD OR IN WALL; ARROWS INDICATE CMT. NOS 1, 3 & 5 L-1 INDICATES PANEL, SLASHES INDICATE NO. OF WIRES (NOT INCLUDING GROUND); NO SLASHES INDICATES TWO WIRES.

ONE-LINE DIAGRAM GENERAL NOTES:

- ALL NEW ELECTRICAL WIRING SHALL BE COPPER, THIN/THIN.
- ALL ELECTRICAL SYSTEMS SHALL BE INSTALLED WITH EMT OR BETTER CONDUIT.
- ELECTRICAL EQUIPMENT WHICH ARE LIKELY TO REQUIRE EXAMINATION, ADJUSTMENT, SERVICE OR MAINTENANCE WHILE ENERGIZED SHALL BE FIELD MARKED TO WARN PERSONS OF POTENTIAL ELECTRIC ARC FLASH HAZARDS PER N.E.C.
- GROUNDING SYSTEM IS REQUIRED TO BE GROUNDED PER N.E.C. ARTICLE 250. UPGRADE AS REQUIRED. CONNECT NEW SYSTEM TO EXISTING GROUND AS REQUIRED.
- PROVIDE PHENOLIC ENGRAVED NAMEPLATES PERMANENTLY ATTACHED TO ALL ELECTRICAL EQUIPMENT STATING AMPERAGE, VOLTAGE, PHASE, HIGH-LEG-DELTA, ETC.
- PROVIDE CIRCUIT DIRECTORY, CIRCUIT IDENTIFICATION AND SOURCE OF SUPPLY PER N.E.C. 408.4 (A)/(B).
- TO PROVIDE SERVICE EQUIPMENT LABELS PER N.E.C. 110.24 (A)/(B), 110.16.
- PROVIDE REQUIRED N.E.C. LABELING PER 230.10(B).

ADDITIONAL NOTE

EVERY CIRCUIT AND CIRCUIT MODIFICATION SHALL BE LEGIBLY IDENTIFIED AS TO ITS CLEAR, EVIDENT, AND SPECIFIC PURPOSE OR USE. THE IDENTIFICATION SHALL INCLUDE SUFFICIENT DETAIL TO ALLOW EACH CIRCUIT TO BE DISTINGUISHED FROM ALL OTHERS. SPARE POSITIONS THAT CONTAIN UNUSED OVERCURRENT DEVICES OR SWITCHES SHALL BE DESCRIBED ACCORDINGLY. THE IDENTIFICATION SHALL BE INCLUDED IN A CIRCUIT DIRECTORY THAT IS LOCATED ON THE FACE OR INSIDE OF THE PANEL DOOR IN THE CASE OF A PANELBOARD AND LOCATED AT EACH SWITCH ON A SWITCHBOARD. NO CIRCUIT SHALL BE DESCRIBED IN A MANNER THAT DEPENDS ON TRANSIENT CONDITION S OF OCCUPANCY.

EXISTING ELECTRICAL EQUIPMENT SHOWN IS TAKEN FROM SURVEY AND AS-BUILT INFORMATION GIVEN TO THIS FIRM AT THE TIME OF DESIGN. CONTRACTOR TO FIELD VERIFY EXISTING EQUIPMENT TO BE IN SAFE AND USEABLE CONDITION (REPLACE AS NECESSARY). APPROVED REPLACEMENT ELECTRICAL EQUIPMENT SHALL LISTED TO MATCH THE ELECTRICAL CHARACTERISTICS AND MAINTAIN THE SOURCE EQUIPMENT RATINGS IN WHICH IT IS CONNECTED TO, INCLUDING VOLTAGE, PHASE ARRANGEMENT, OVER-CURRENT / WIRE AMPACITY, A.I.C. REPORT ANY DISCREPANCIES THAT MAY IMPACT THIS PROJECT TO THE ENGINEER OF RECORD.

ONE-LINE DIAGRAM KEYED NOTES:

- EXISTING ELECTRICAL MAIN DISTRIBUTION PANEL "MDP" TO REMAIN. (NO WORK REQUIRED).
- EXISTING ELECTRICAL METER/CT TO REMAIN. (NO WORK REQUIRED).
- CONTRACTOR TO FIELD VERIFY EXISTING FEEDER SIZE FOR REUSE. PROVIDE NEW FEEDERS AS NEEDED (4#(CU), #66(CU), #6 150, 6(CU) IN 2" C (MINIMUM).
- EXISTING 120/208V, 3-PHASE, 800A SERVICE TO REMAIN.
- EXISTING 120/208V, 3-PHASE ELECTRICAL BRANCH PANEL TO REMAIN.
- EXISTING GROUND TO REMAIN. (NO WORK REQUIRED).
- EXISTING 3-PHASE, 4-WIRE BRANCH FEEDERS TO REMAIN. (NO WORK REQUIRED).
- NEW PRODUCTION LINE TABLE TO REPLACE PREVIOUSLY DEMOED PRODUCTION LINE TABLE IN SAME LOCATION (OUTLINE OF PRODUCTION LINE TABLE, N.T.S.).
- NEW INTEGRATED ELECTRICAL PANEL IN NEW PRODUCTION LINE TABLE. SEE PANEL SCHEDULE. THIS SHEET AND MANUFACTURER'S SPECIFICATIONS FOR MORE INFORMATION. SEE SHEET E200 FOR PANEL LOCATION.
- NEW PRODUCTION LINE TABLE FEEDER FROM EXISTING "MDP". CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS. PROVIDE A NEW 125A, 3-POLE BRANCH BREAKER AND PROVIDE NEW FEEDER. IF NEEDED (4#(CU), #66(CU), #6 150, 6(CU) IN 2" C (MINIMUM)). FIELD VERIFY PROPOSED STUB DOWN LOCATION IN RELATION TO INTEGRATED PANEL "D" LOCATED IN PRODUCTION LINE TABLE AND EXTEND CONDUCTORS/CONDUIT TO NEW LOCATION OF PANEL "D" AS REQUIRED. PRODUCTION LINE TABLE FEEDER SHALL RUN ABOVE CEILING AND STUB-DOWN INTO PRODUCTION LINE TABLE. CONTRACTOR TO PROVIDE FINAL CONNECTION TO PANEL "D" IN FLEXIBLE CONDUIT FROM CHASE LOCATION TO PANEL. SEE SHEET E200 FOR MORE INFORMATION. CONTRACTOR TO FIELD VERIFY ABOVE GROUND UTILITIES PRIOR TO START OF WORK.
- SEE PANEL SCHEDULE, THIS SHEET FOR MORE INFORMATION.
- CONTRACTOR TO PROVIDE A NEW ISOLATED GROUND BAR. PROVIDE A #6 COPPER ISOLATED GROUND CONDUCTOR FROM GROUND BAR AND TERMINATE DIRECTLY AT EQUIPMENT GROUND CONDUCTOR TERMINAL OF DERIVED SYSTEM OR SERVICE EQUIPMENT.
- EXISTING SERVICE FEEDERS AND EQUIPMENT TO REMAIN. (NO WORK REQUIRED).
- EXISTING UTILITY TRANSFORMER TO REMAIN. (NO WORK REQUIRED).

REGISTRATION SEAL

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E-73419
7/24/24

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PROJECT NO: 230688
DRAWN BY: BC
CHECKED BY: SH
ISSUE DATE: 07/19/24

ONE-LINE DIAGRAM AND PANEL SCHEDULES
E400