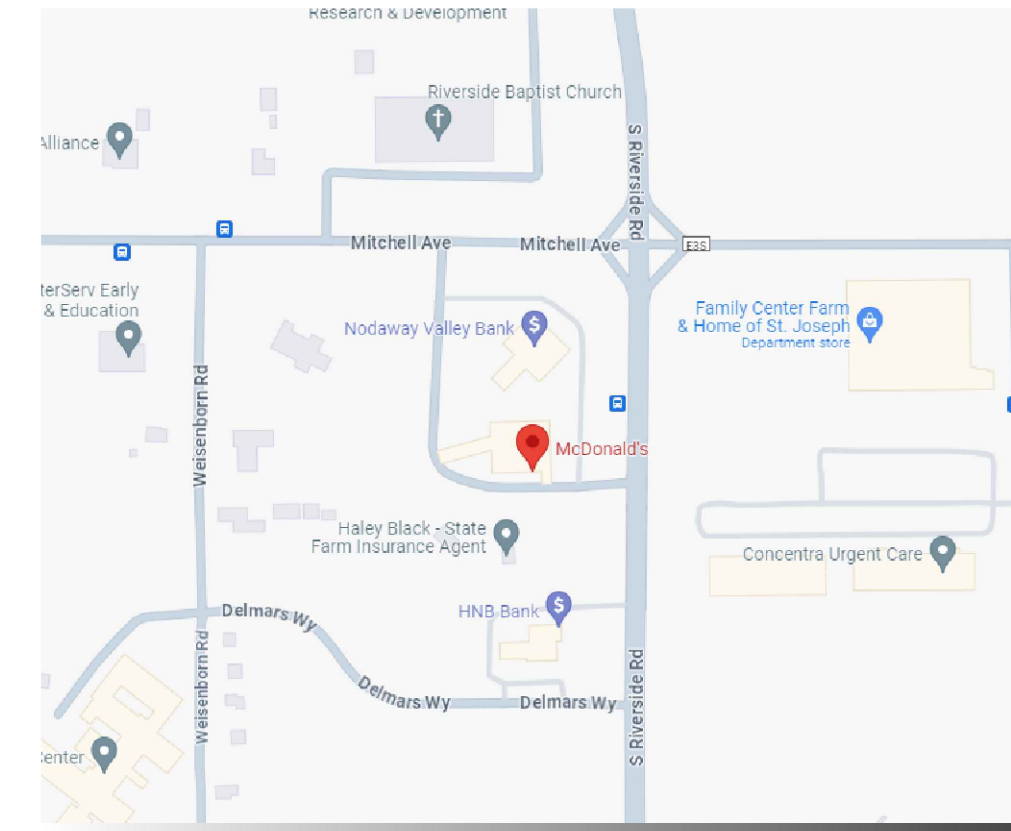
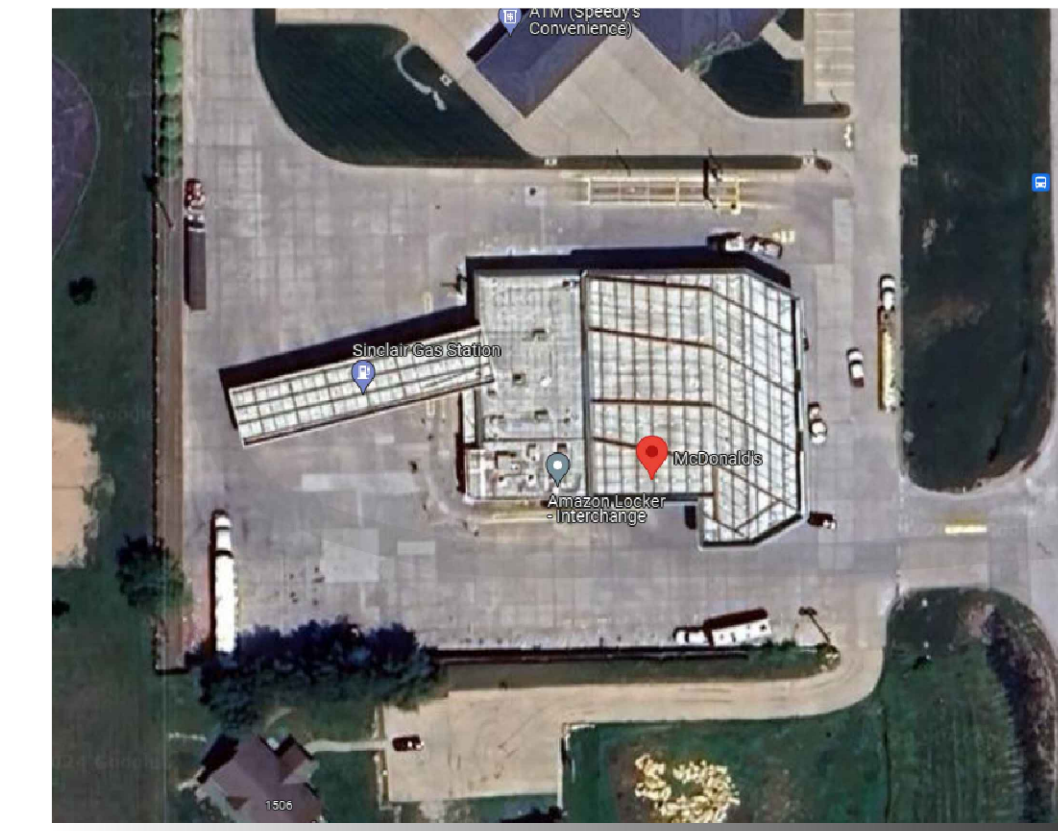


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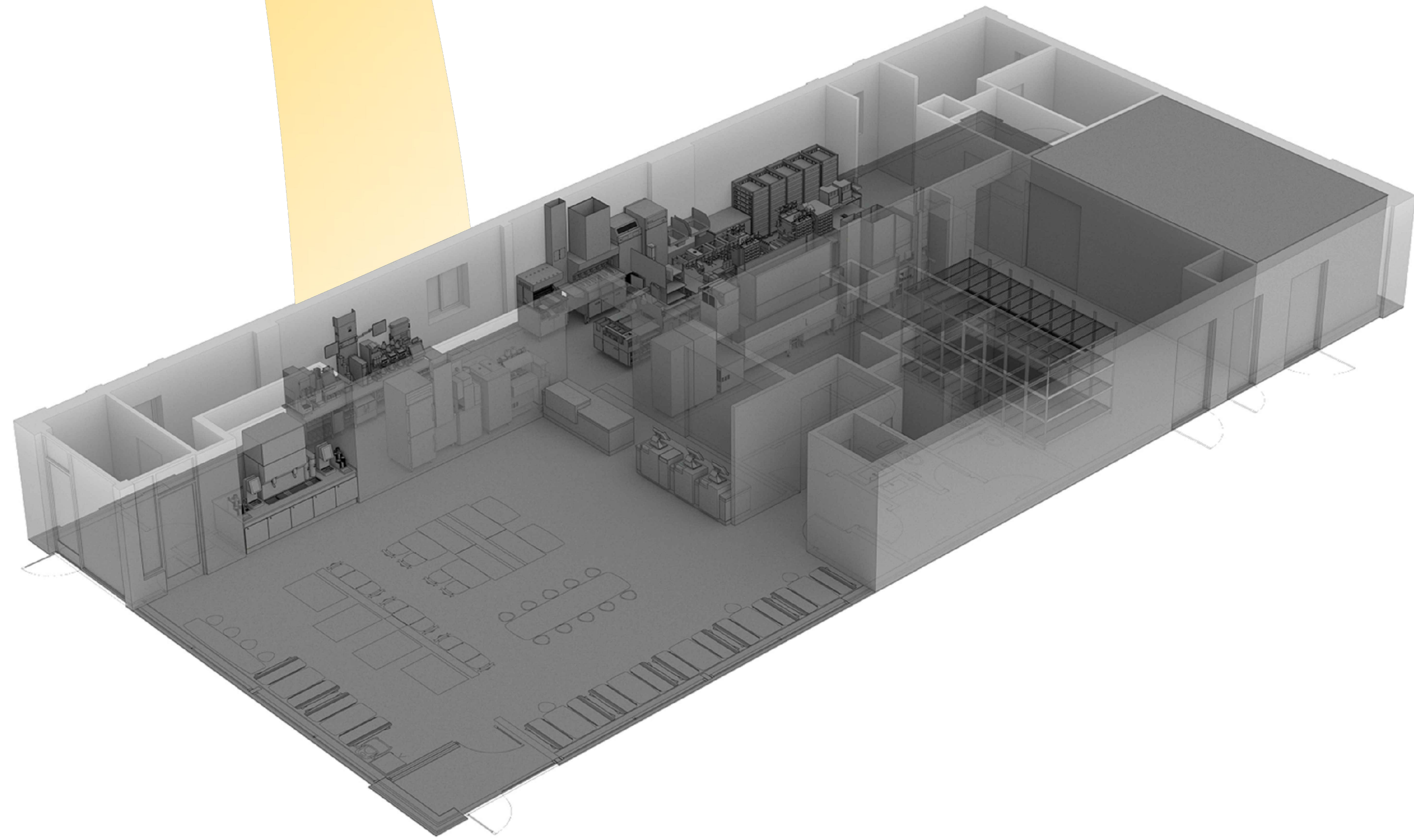
1310 S RIVERSIDE, ST. JOSEPH, MO 64507



MAP VIEW



AERIAL VIEW



H + K INTERNATIONAL  
H + K DALLAS INC.  
2200 SKYLINE DR.  
MESQUITE, TX 75149  
214.818.3500

DATE : 03APR24

DRAWN : EC

CHECKED : VR

SCALE : SEE PLAN

BY : | | | | |

DESCRIPTION

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H+K INTERNATIONAL

MARKET MANAGER : JON RYAN

PHONE : 469.517.8677

EMAIL : Jon.Ryan@hki.com

K-1



H + K INTERNATIONAL

H + K DALLAS INC.  
2200 SKYLINE DR.  
MESQUITE, TX 75149  
214.818.3500

DATE: 03APR24

DRAWN: EC

CHECKED: VR

SCALE: SEE PLAN

BY

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GENERAL NOTES

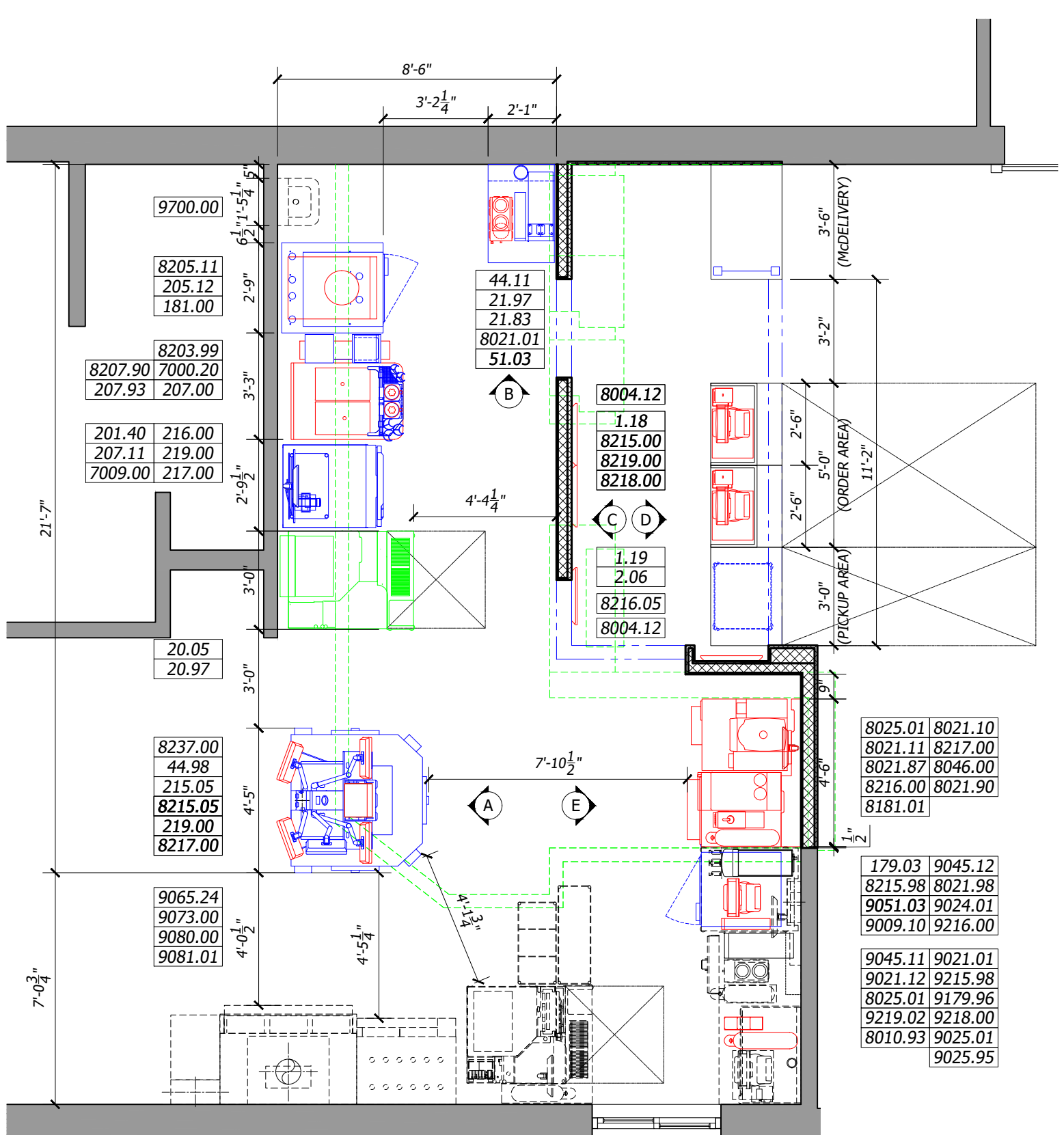
- USE EXISTING ROOF OPENINGS UNLESS OTHERWISE NOTED ON SCOPE OF WORK. IF NEW EXHAUST FAN ROOF OPENING IS REQUIRED, GC TO VERIFY PROPOSED ROOF OPENING LOCATION IS LOCATED A MIN. OF 10'-0" FROM HVAC AIR INTAKE. GC TO CUT NEW ROOF OPENING AND INSTALL NEW CURB AND FAN. H&K INSTALLER TO INSTALL NEW DUCT. GC TO WRAP DUCT OR CONSTRUCT ENCLOSURE IF REQUIRED BY LOCAL CODES. EC TO WIRE EXHAUST FAN TO ANSUL INTERLOCK SYSTEM.
- KITCHEN INSTALLER TO MOUNT RACEWAY BELOW HOOD. EC TO MAKE FINAL CONNECTIONS FROM RACEWAY TO TERMINAL BLOCK INSIDE CHASE. IF GAS, KITCHEN INSTALLER TO WALL MOUNT GAS MANIFOLD BELOW HOOD. PC TO INSTALL QUICK DISCONNECT LINES AND MAKE FINAL CONNECTIONS TO IN-BOUND GAS LINE FROM CHASE AND TO INDIVIDUAL APPLIANCES.
- ALL UTILITIES FOR APPLIANCES BELOW HOOD TO RUN OVERHEAD AND DOWN MECHANICAL CHASE. EC TO MAKE FINAL CONNECTIONS TO TERMINAL BLOCK INSIDE CHASE. IF GAS, PC TO MAKE FINAL CONNECTIONS AT GAS MANIFOLD.
- IF CHASE IS RELOCATED, GC TO COORDINATE MODIFICATION OF ANSUL SYSTEM WITH ANSUL. RELOCATE OR PROVIDE NEW UTILITIES AS NEEDED.
- GC TO VERIFY ALL EXISTING UTILITIES AND STRUCTURAL FLOOR LOADING CONDITIONS. REMOVE, CLOSE, SEAL, CAP AND/OR RELOCATE EXISTING LINES, DRAINS & UTILITIES. RUN DRAIN LINES TO EXISTING FLOOR DRAINS IF POSSIBLE, OR RELOCATE/INSTALL NEW FLOOR DRAINS, GAS LINES, AND SLEEVES AS NEEDED. THE GC SHALL COORDINATE ALL FINAL CONNECTIONS TO EQUIPMENT WHERE APPLICABLE.
- GC TO REMOVE, CLOSE, SEAL, CAP, RELOCATE, OR INSTALL NEW LINES, DRAINS, RECEPTACLES, CORDS, UTILITIES, ROOF OPENINGS AS NEEDED FOR NEW AND RELOCATED EQUIPMENT. GC TO PATCH, SEAL AND/OR FINISH WALL, FLOOR, CEILING AND/OR ROOF AS NECESSARY TO MATCH EXISTING.
- GC AND INSTALLER TO VERIFY LOCATION OF EXISTING EQUIPMENT TO REMAIN IN RELATION TO NEW AND RELOCATED EQUIPMENT.
- REMOVE AND REPLACE DAMAGED QUARRY TILE FLOORING ADJACENT TO THE PROJECT AREA(S). MATCH EXISTING QUARRY TILE WHERE PATCHING DAMAGED TILE OR WHERE EXTENDING THE TILE FIELD IN NEW FLOOR AREAS.
- IN THE EVENT REMOVAL OR RELOCATION OF EQUIPMENT RESULTS IN EXPOSING EXISTING KITCHEN FLOOR TILE THAT IS NOT ABRASIVE, GC SHALL REPLACE ALL EXISTING SMOOTH KITCHEN QUARRY TILE WITH ABRASIVE QUARRY TILE. SUCH REPLACEMENT TILE SHALL BE LOCATED, AT A MINIMUM, IN FRONT OF ALL GRILLS, FRYERS, BAGGING STATIONS, SINKS OR ANY LOCATION WHERE GREASE OR WATER CAN ACCUMULATE ON THE FLOOR CAUSING A SLIP AND FALL HAZARD. THE TILE SHALL EXTEND A MINIMUM OF ONE TILE COURSE UNDER THE EDGE OF THE FIXTURE OR EQUIPMENT AND EXTEND THE ENTIRE LENGTH OF THE FIXTURE OR EQUIPMENT.
- INSTALLER TO INSTALL NEW AND RELOCATED EQUIPMENT, GC TO MAKE FINAL CONNECTIONS.
- ALL INTERIOR FINISHES SHALL BE COORDINATED WITH DECOR & SEATING DRAWINGS BY OTHERS.
- GC TO OBTAIN ALL PERMITS REQUIRED PER LOCAL CODE.
- ALL WORK SHALL COMPLY WITH ALL APPLICABLE STATE AND LOCAL HEALTH, SAFETY AND CONSTRUCTION CODES. G.C., E.C., P.C. TO VERIFY THAT ALL KITCHEN EQUIPMENT, SAFETY AND INTERLOCK UTILITIES ARE FUNCTIONAL AND IN CONFORMANCE WITH ALL LOCAL CODES PRIOR TO COMPLETION OF REMODEL. G.C. TO COORDINATE ANY CORRECTIONS OF ANY DEFICIENCIES WITH MCDONALD'S CONSTRUCTION, SUBCONTRACTORS, AND/OR OWNER/OPERATOR.
- ALL ELECTRICAL MATERIAL USED ON THIS PROJECT SHALL BE "UL" LISTED AND LABELED.
- ALL DIMENSIONS SHOWN ARE TAKEN FROM FACE OF WALL FINISH. THE GC/ALL TRADES SHALL MAKE NECESSARY DIMENSIONAL ALLOWANCES.
- ALL J-BOXES, DCO'S, AND OTHER ELECTRICAL DEVICES SHOWN SHALL BE RECESSED MOUNTED INTO A WALL, FLOOR OR CEILING UNLESS SPECIFICALLY NOTED OTHERWISE.
- ALL RECEPTACLES (EXCEPT SPECIFIED HUBBLE PIN AND SLEEVE) SHALL BE FURNISHED BY THE E.C. THE RECEPTACLES INCLUDING PIN AND SLEEVE TYPE SHALL BE INSTALLED BY THE EC.
- EC SHALL PROVIDE AND INSTALL STAINLESS COVER PLATES ON ALL RECEPTACLES AND J-BOXES. ADDITIONALLY, EC SHALL PROVIDE AND INSTALL ORANGE NYLON COVER PLATES MARKED "COMPUTER ONLY" ON ALL ISOLATED GROUND/DEDICATED RECEPTACLES.
- POWER AND CONTROL CORDS ARE FURNISHED WITH KITCHEN APPLIANCES. THE EC SHALL CONNECT CORD SETS TO APPLIANCES AS REQUIRED.
- MOST KITCHEN REMODELS WILL REQUIRE SOME LEVEL OF CEILING REPAIR. THIS WILL BE THE RESPONSIBILITY OF THE GC.
- ALL HOLES IN FRONT COUNTER FOR POS CORDS AND CABLES SHALL BE LOCATED BY OWNER AND DRILLED BY GC.
- EC SHALL PROVIDE A DUPLEX RECEPTACLE AND LOW VOLTAGE BROADBAND CONNECTION FOR THE INSTALLATION OF PLASMA TELEVISIONS. COORDINATE EXACT LOCATIONS WITH PM & DECOR COMPANY. FOR BROADBAND CONNECTION, EC SHALL PROVIDE A 4 X 4 BOX WITH A 3/4" CONDUIT STUB-UP WITH A BUSHING INTO ACCESSIBLE CEILING SPACE.
- WHERE PIPING IS LOCATED WITHIN WALL CAVITIES, ACCESS TO THE CLEANOUTS SHALL BE PROVIDED.
- DIMENSIONS SHOWING THE LOCATION OF DRAINS AND FLOOR SINKS ARE CENTERLINE DIMENSIONS.
- GAS PIPING SHALL NOT PENETRATE ANY FIRE-RATED CHASE, SHAFT, DUCTWORK OR PLENUM.
- GC TO RE-BALANCE THE HVAC SYSTEM AFTER ANY EXHAUST HOOD HAS BEEN REPLACED OR RELOCATED.
- ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH ITS LISTING AND/OR THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- UPON COMPLETION OF INSTALLATION, THE GAS PIPING SYSTEM SHALL BE PURGED OF DELETERIOUS MATERIAL AND SHALL BE PRESSURE TESTED. IF THE MINIMUM PRESSURES ARE NOT MET, THIS SHALL BE IMMEDIATELY REPORTED TO THE MCDONALD'S CONSTRUCTION MANAGER.
- FLEXIBLE DUCTWORK SHALL NOT PENETRATE WALLS. SHEET METAL DUCTWORK IS REQUIRED AT ALL FIRE-RATED AND DRAFT STOP WALL PENETRATIONS.
- ALL GREASE EXHAUST DUCTWORK SEAMS AND JOINTS SHALL BE CONTINUOUSLY WELDED WATER-TIGHT ON THE EXTERNAL SURFACE OF THE DUCT SYSTEM. ALL WELDING SHALL BE PERFORMED BY A CERTIFIED WELDER.
- IN THE EVENT OF ADDITIONAL FRYER CAPACITY, THE O/O MUST ENGAGE LICENSED MECHANICAL ENGINEER. THE M/E WILL BE REQUIRED TO ASSESS THE EXISTING EXHAUST HOOD FAN TO ENSURE IT IS CAPABLE OF HIGHER AIRFLOW AT A POTENTIALLY HIGHER STATIC PRESSURE. CONSTRUCTION DRAWINGS WILL BE REQUIRED OF THE M/E FOR PERMITTING. AFTER INSTALLATION, A CERTIFIED TEST AND BALANCE COMPANY WILL BE REQUIRED TO AIR BALANCE THE NEW AND ANY AFFECTED ROOF-TOP HVAC EQUIPMENT DEEMED AS PART OF THE SCOPE OF WORK BY THE M/E.
- ALL ROOF-TOP CONDENSING UNITS THAT DISCHARGE HORIZONTALLY SHALL BE ORIENTED SUCH THAT THE DISCHARGE DOES NOT BLOW IN THE DIRECTION OF AN OUTDOOR AIR INTAKE.
- POS INSTALLER TO COORDINATE RELOCATION OF POS SYSTEM WITH O/O AND MCDONALD'S CONSTRUCTION. ALL CABLES FURNISHED AND INSTALLED BY POS SUPPLIER.
- NEW POS(S) ARE SHOWN TO MEET NATIONAL BUILDING AND EQUIPMENT STANDARDS PER MCDONALD'S. FINAL LOCATION OF NEW POS(S) IS TO BE COORDINATED WITH O/O. POS INSTALLER TO COORDINATE LOCATION OF POS SYSTEM WITH O/O AND MCDONALD'S CONSTRUCTION. ALL CABLES FURNISHED AND INSTALLED BY POS SUPPLIER.
- PLUMBING FOR COMBI OVENS TO BE ROUTED TO FLOOR SINK DRAIN. GC TO VERIFY IF SINK HAS A GREASE INTERCEPT.

SYMBOL LEGEND

|   |                               |     |                                       |
|---|-------------------------------|-----|---------------------------------------|
| ⊕ | DUPLEX OUTLET (SB OR TL)      | —   | FUTURE/OPTIONAL EQUIPMENT             |
| ⊙ | SINGLE OUTLET (SB OR TL)      | —   | NEW EQUIPMENT ON EQUIPMENT PLAN       |
| ⊕ | QUAD OUTLET (SB OR TL)        | —   | RELOCATED EQUIPMENT ON EQUIPMENT PLAN |
| ⊙ | SPECIAL OUTLET (SEE SCHEDULE) | —   | EXISTING EQUIPMENT                    |
| ⊙ | J-BOX                         | --- | EQUIPMENT ON ROUGH-IN PLAN            |
| ⊙ | EXHAUST DUCT ABOVE HOOD       | --- | EXISTING TRUSSES                      |
| ⊙ | EXHAUST DUCT ABOVE HOOD       | --- | SERVICE AREA                          |
| ⊙ | DATA CABLE                    | --- | NEW MENU BOARD VALANCE                |
| ⊙ | SLEEVE                        | --- | EXISTING FULL WALL                    |
| ⊙ | REFRIGERATION LINES           | --- | EXISTING LOW WALL                     |
| ⊙ | WATER OR GAS LINE             | --- | NEW FULL WALL                         |
| ⊙ | CLEAN OUT                     | --- | NEW LOW WALL                          |
| ⊙ | FLOOR SINK                    | --- | DEMO WALL                             |
| ⊙ | FLOOR DRAIN                   | --- |                                       |

DEVIATION NOTES

- NEW HLS ADDED PER MM REQUEST.
- ABS 2.0 SHOWN AS FUTURE, FUTURE WORKTABLE TRADITIONAL SHOW TO GET WALKWAY.
- NEW DESERT BUTLER ADDED TO SUPPORT THE COMBO MACHINE.
- NEW 27" UCR ADDED IN DT AREA TO MEET MCD STANDARDS.
- NEW LIDS ADDED IN CENTER ISLAND AREA TO MEET MCD STANDARDS.

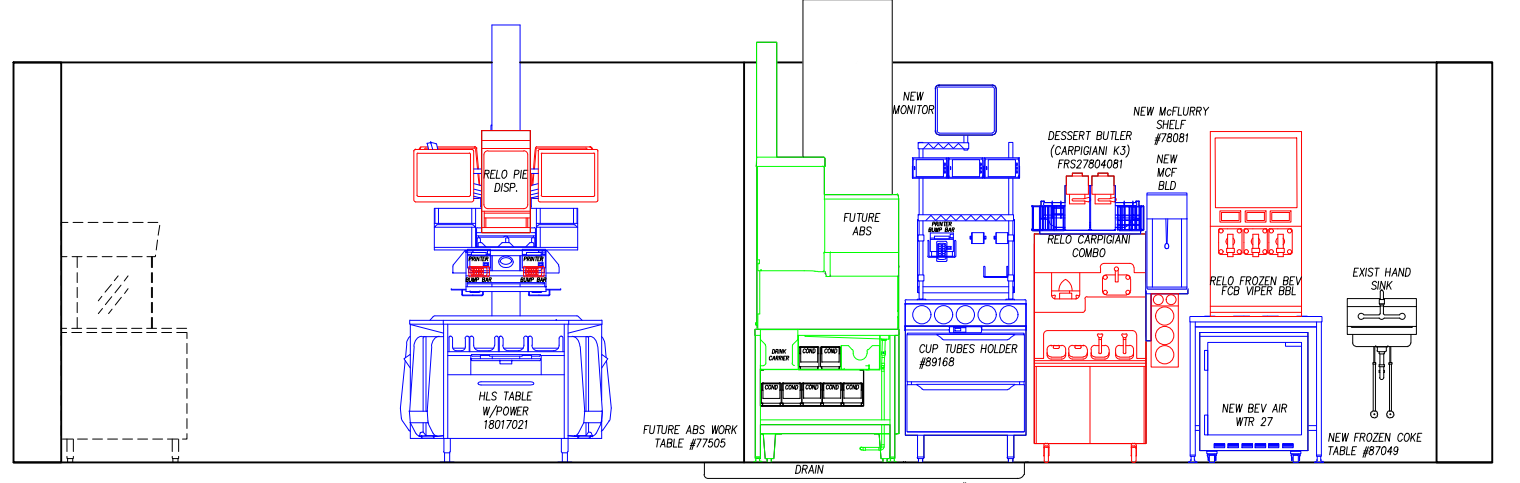


KITCHEN EQUIPMENT PLAN  
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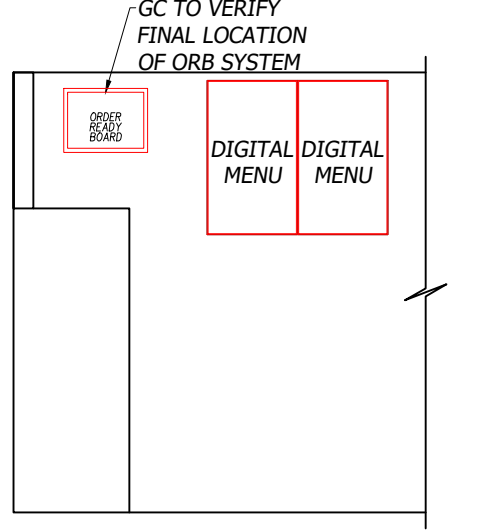
GC TO SAVE ALL POS MOUNTING DEVICES AND HARDWARE DURING THE DEMO PHASE FOR USE WHEN THE POS INSTALLER RETURNS TO REINSTALL POS EQUIPMENT

GC TO VERIFY THE EXISTING ROOF PENETRATION CAN BE REUSED. FIELD COORDINATE DISTANCE OF ROOF EQUIPMENT WITH NEW KES EQUIPMENT LOCATION

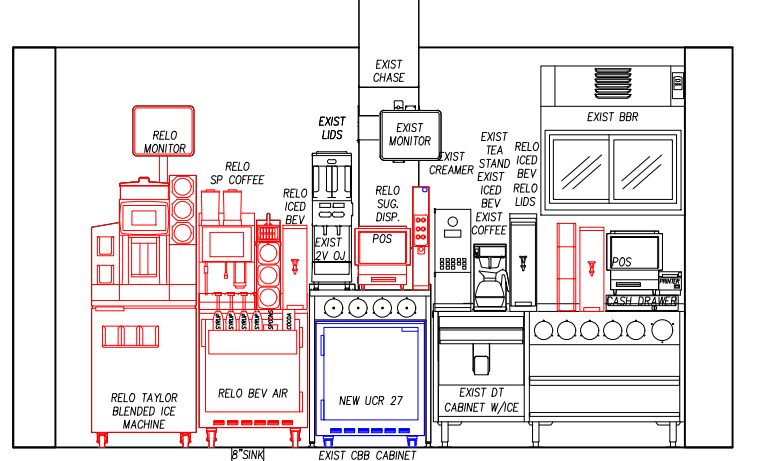
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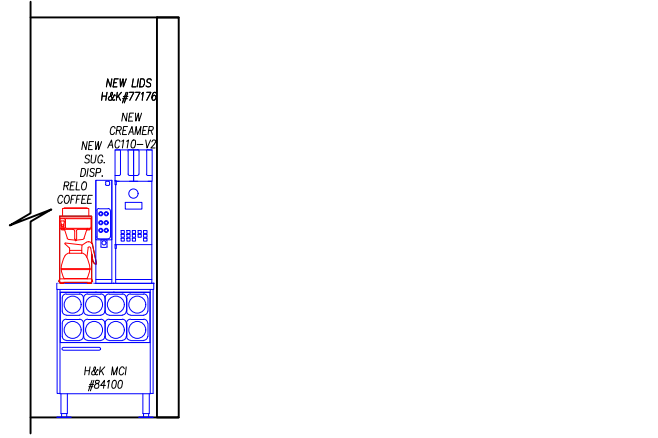
A CENTER ISLAND ELEVATION  
1/4"=1'-0"



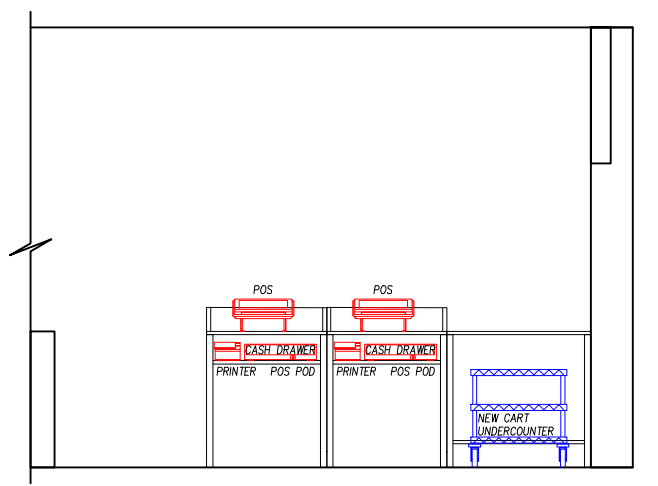
C SAO WALL ELEVATION  
1/4"=1'-0"



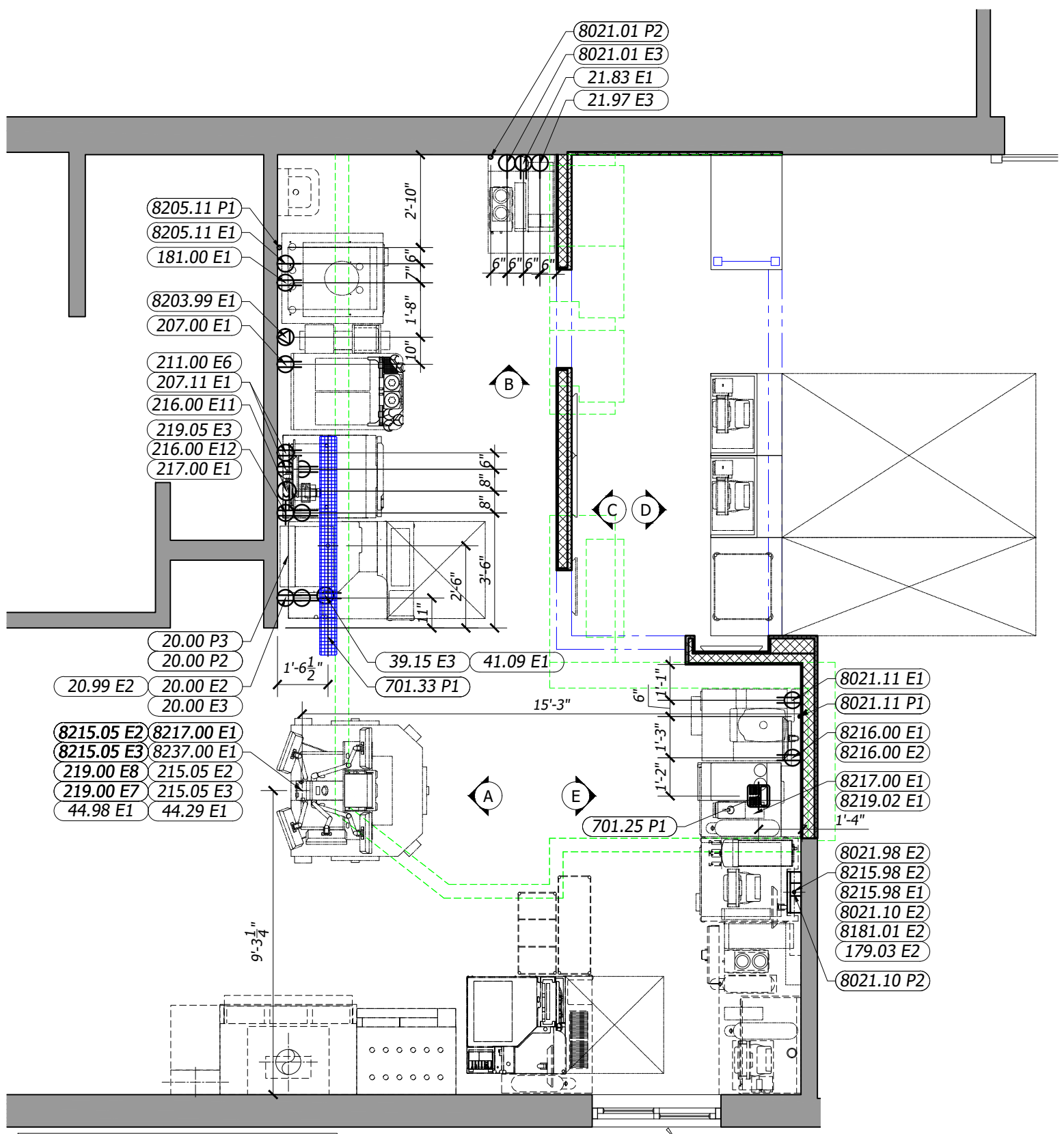
E DRIVE THRU ELEVATION  
1/4"=1'-0"



B CENTER ISLAND ELEVATION  
1/4"=1'-0"



D FRONT COUNTER ELEVATION  
1/4"=1'-0"

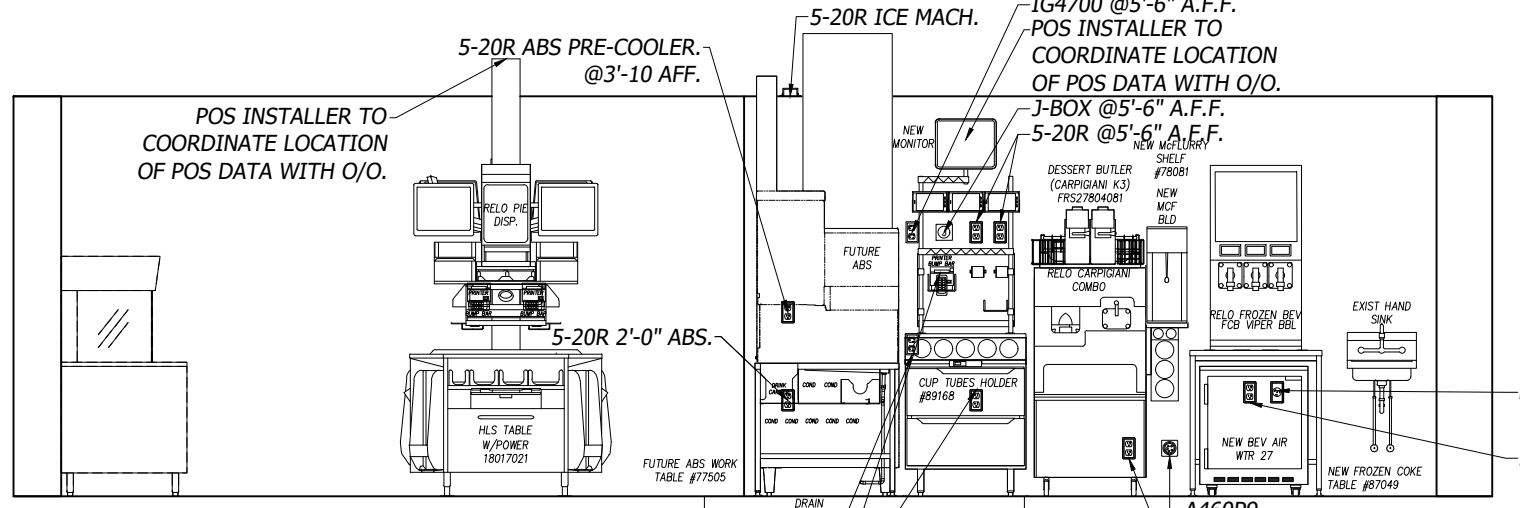


ROUGH-IN PLAN  
1/4"=1'-0"

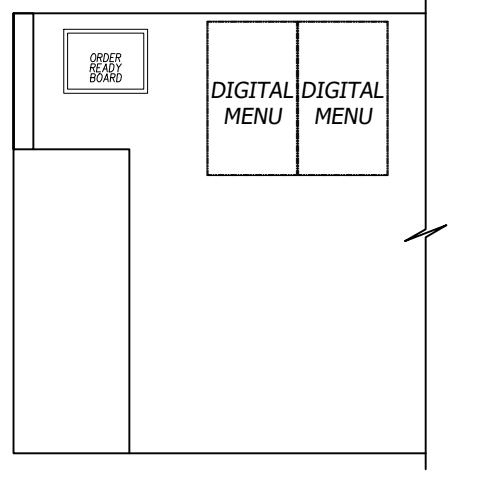
GC TO SAVE ALL POS MOUNTING DEVICES AND HARDWARE DURING THE DEMO PHASE FOR USE WHEN THE POS INSTALLER RETURNS TO REINSTALL POS EQUIPMENT

GC TO VERIFY THE EXISTING ROOF PENETRATION CAN BE REUSED. FIELD COORDINATE DISTANCE OF ROOF EQUIPMENT WITH NEW KES EQUIPMENT LOCATION

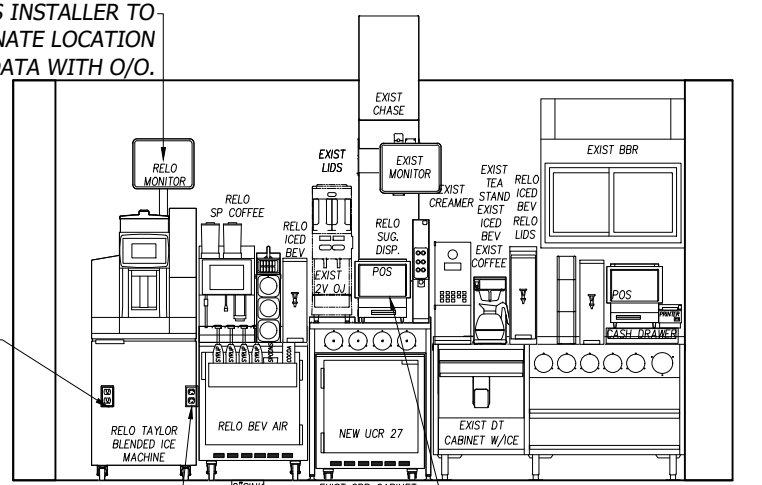
DEVIATED FROM SAM RESPONSE PER MARKET'S REQUEST



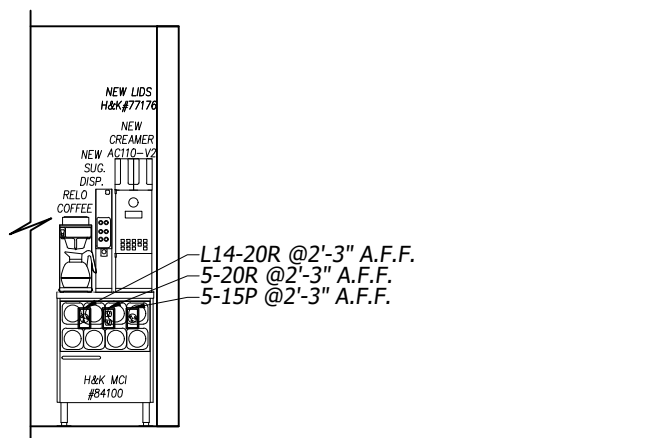
A CENTER ISLAND ROUGH-IN  
1/4"=1'-0"



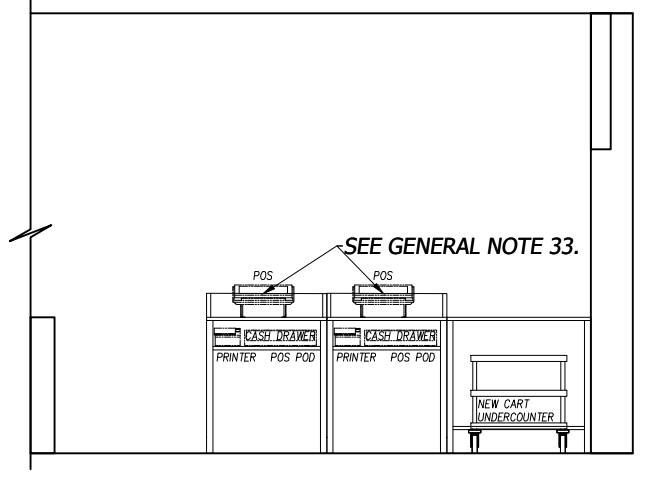
C SAO WALL ROUGH-IN  
1/4"=1'-0"



E DRIVE THRU ROUGH-IN  
1/4"=1'-0"



B CENTER ISLAND ROUGH-IN  
1/4"=1'-0"



D FRONT COUNTER ROUGH-IN  
1/4"=1'-0"

AS-BUILT CONDITIONS WERE TRANSFERRED FROM 3RD PARTY SURVEY AND ACCURACY SHOULD BE CONFIRMED BY GC AND/OR MCDONALD'S ACM PRIOR TO INSTALL

K-2



| REVISIONS |      |             |
|-----------|------|-------------|
| NO.       | DATE | DESCRIPTION |
| -         | -    | -           |
| -         | -    | -           |
| -         | -    | -           |
| -         | -    | -           |
| -         | -    | -           |
| -         | -    | -           |

SEAL

SEAL NOTE

PREPARED FOR  
**McDonald's USA LLC**

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PROJECT DESCRIPTION  
**EXISTING CONDITIONS**

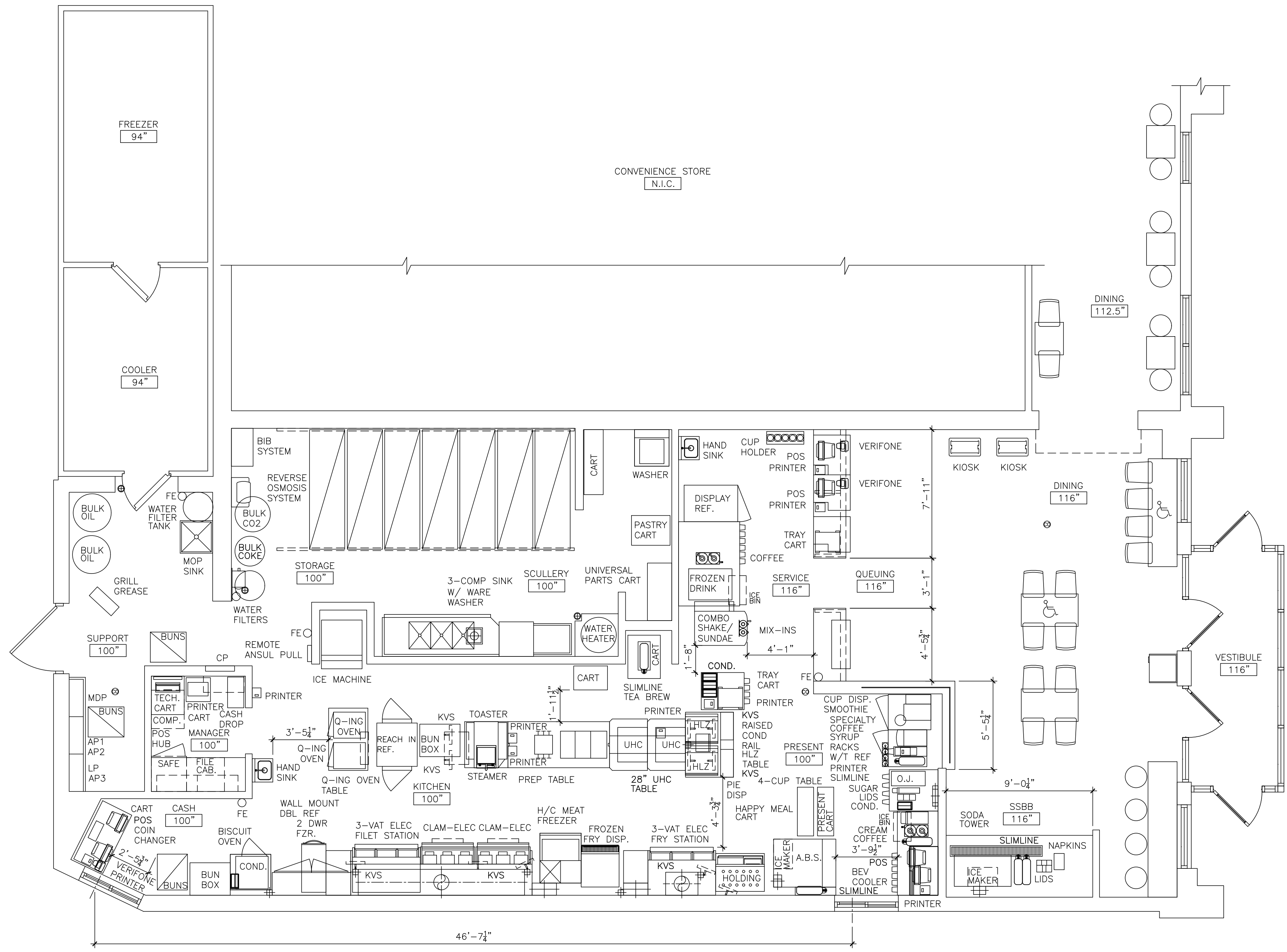
PROJECT LOCATION  
**McDonald's  
1310 S. RIVERSIDE RD.  
ST. JOSEPH, MO  
64507**

SHEET TITLE  
**KITCHEN  
EQUIPMENT PLAN**

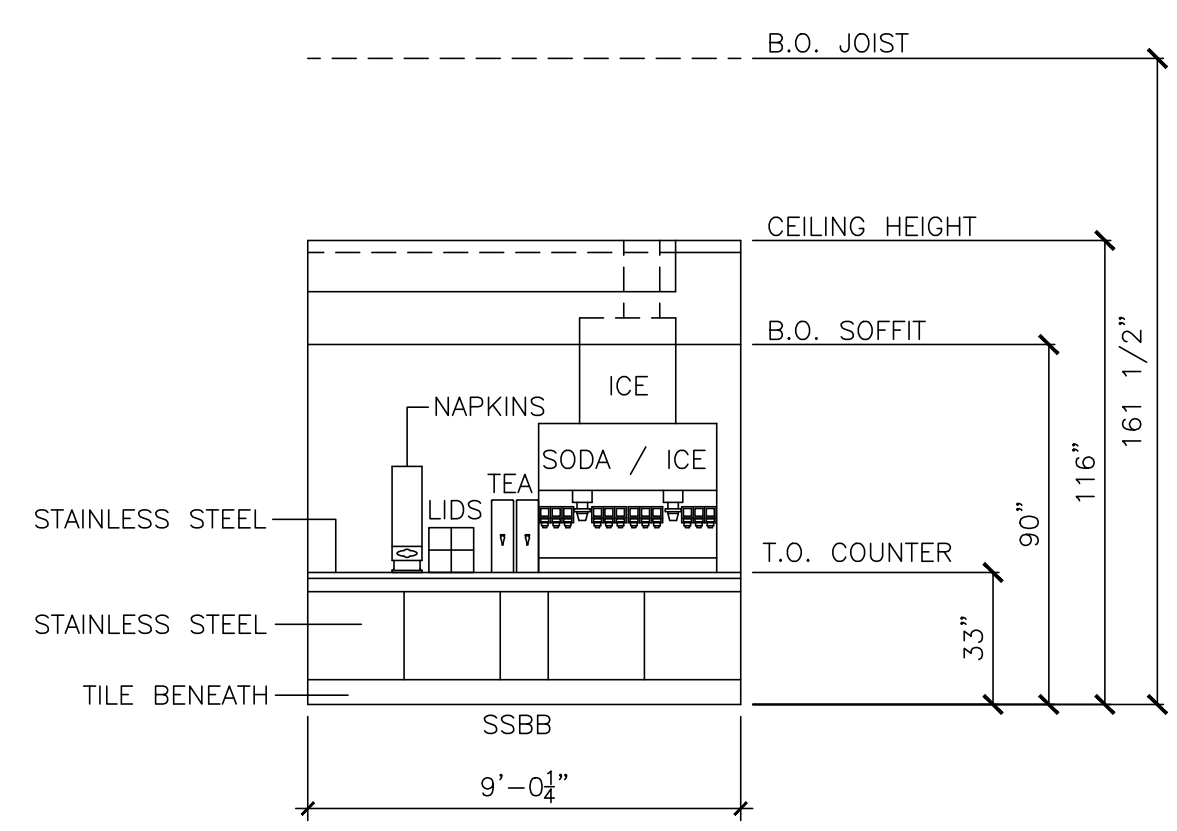
SHEET MANAGEMENT  
PROJECT NO.: 024-1140  
DATE ISSUED: 11/28/2023  
DRAWN BY: MJC  
REVIEWED BY: JA

NATIONAL STORE #  
**31427**

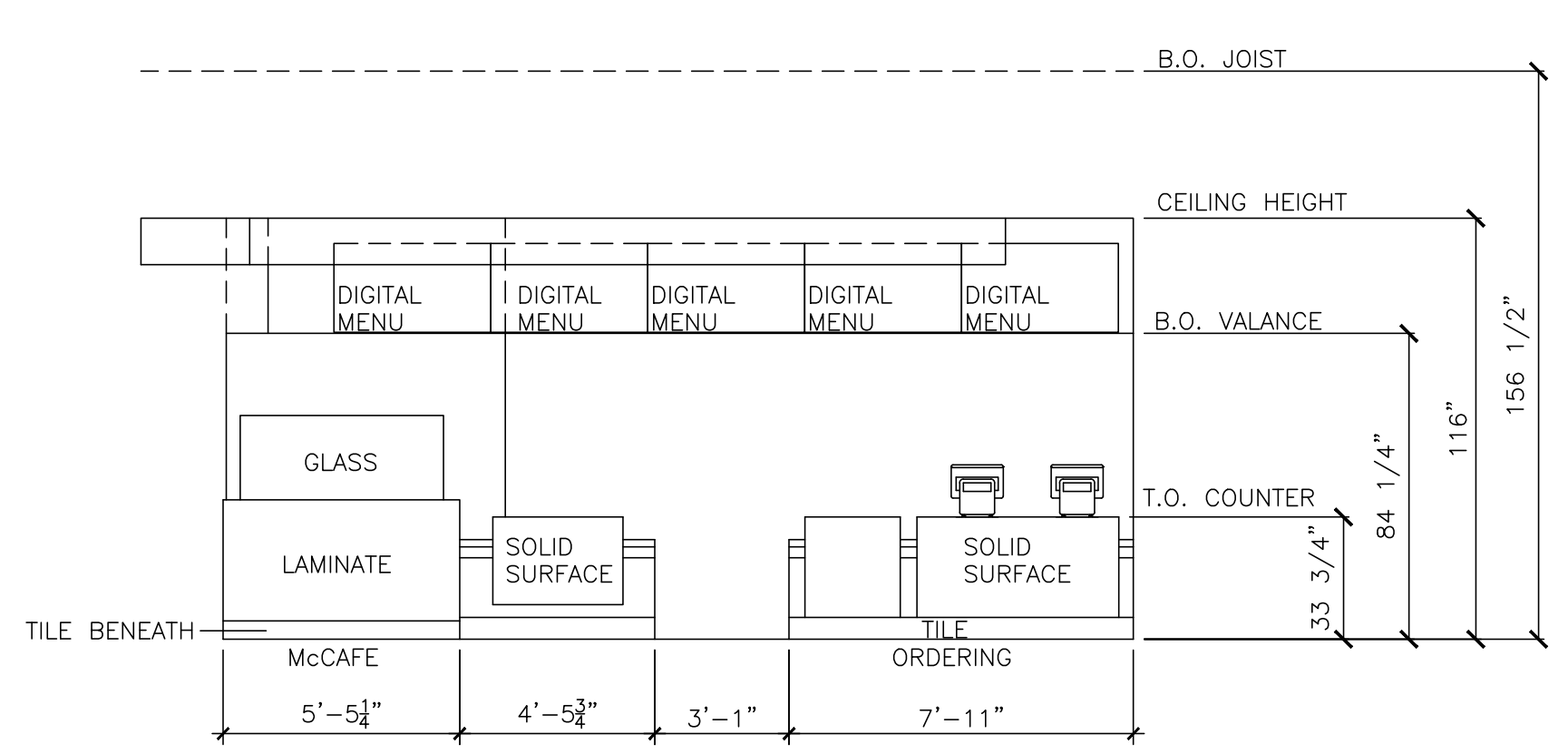
SHEET NUMBER  
**K1.0**  
EX. EQUIPMENT PLAN



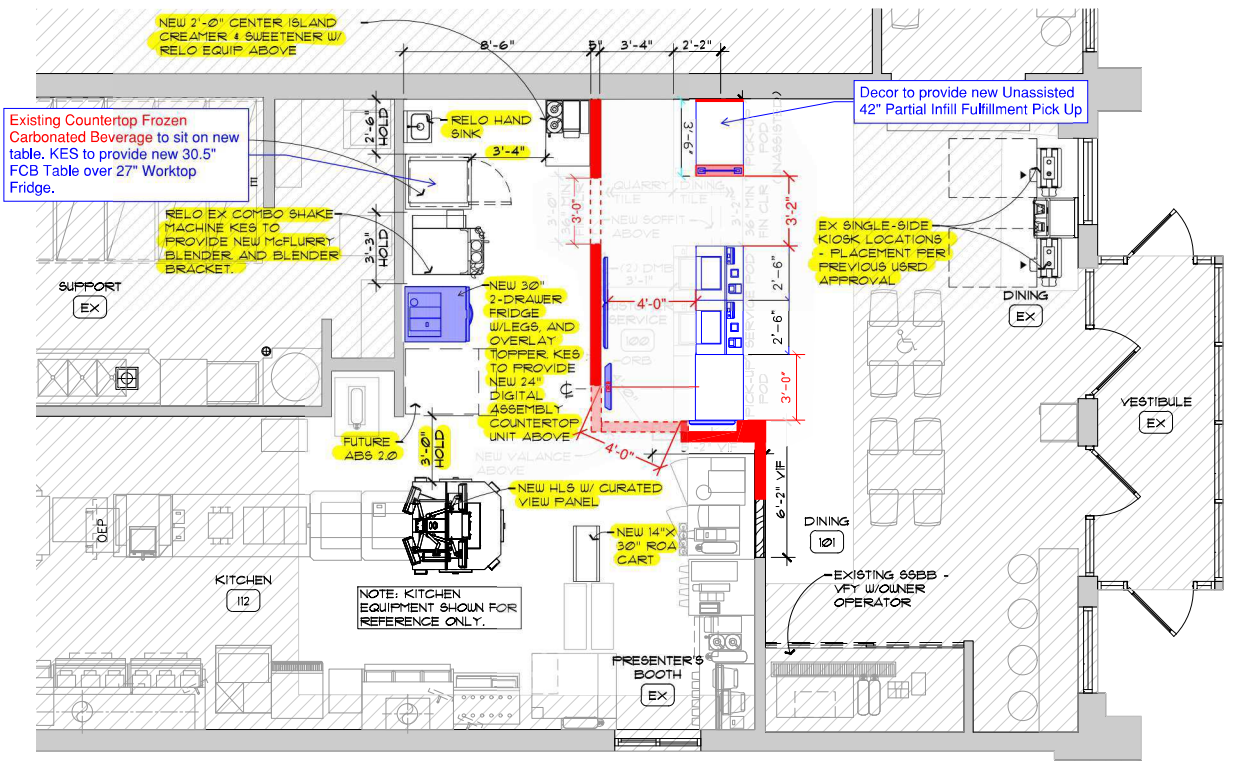
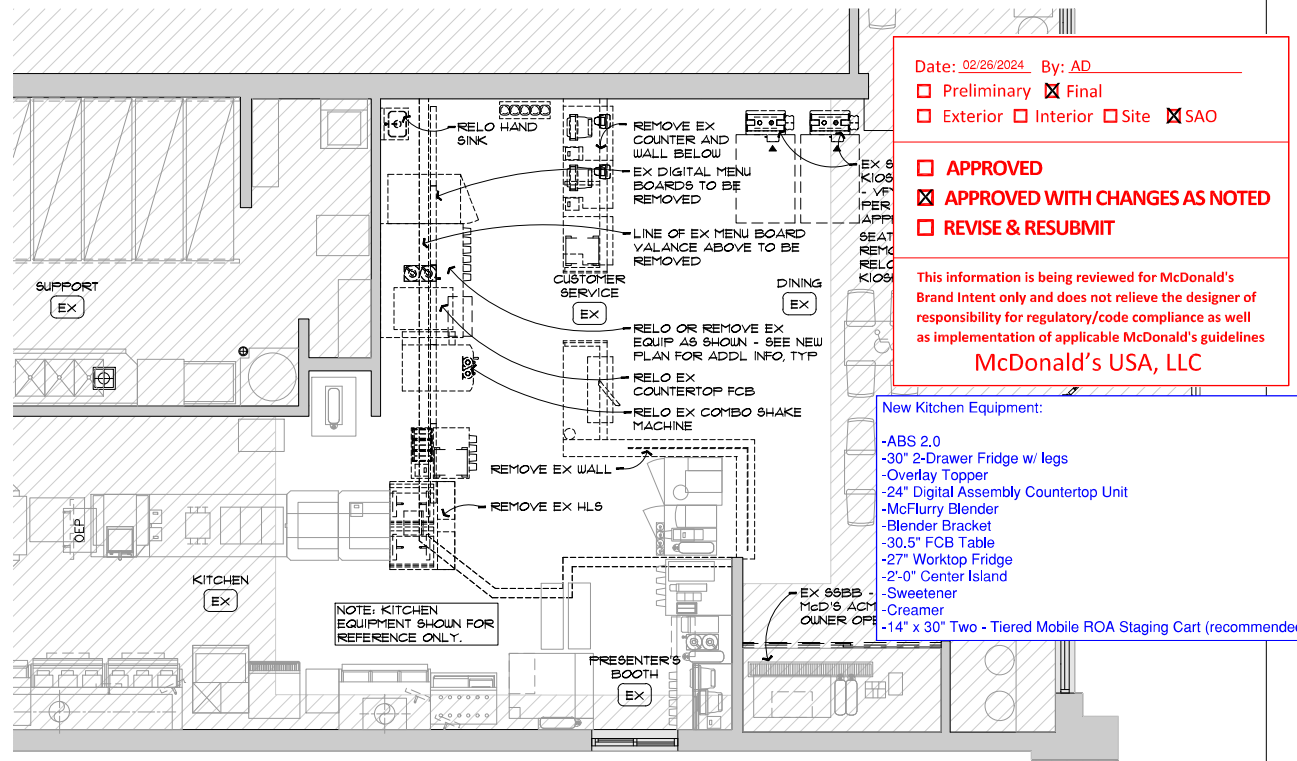
**1 EXISTING EQUIPMENT PLAN**  
K1.0 SCALE: 1/4" = 1'-0"



**2 EXISTING SSBB COUNTER ELEVATION**  
K1.0 SCALE: 1/4" = 1'-0"



**3 EXISTING FRONT COUNTER ELEVATION**  
K1.0 SCALE: 1/4" = 1'-0"



1 EXISTING FLOOR PLAN  
1/4"=1'-0"

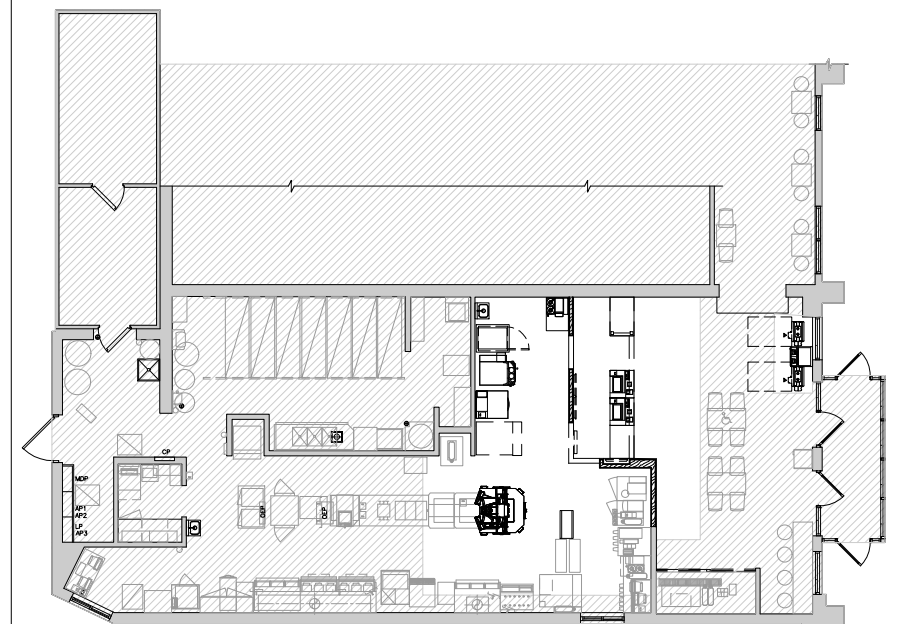
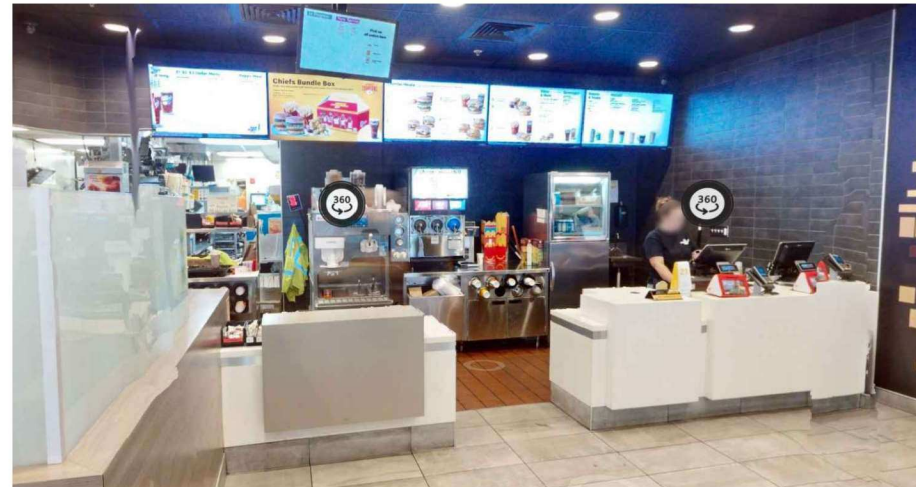
2 PROPOSED FLOOR PLAN  
1/4"=1'-0"

**LINETYPE LEGEND:**

|  |                            |
|--|----------------------------|
|  | EXISTING TO REMAIN         |
|  | EXISTING TO BE REMOVED     |
|  | LINE ABOVE/BELOW TO REMAIN |

**WALL LEGEND:**

|  |                    |
|--|--------------------|
|  | EXISTING TO REMAIN |
|  | NEW WOOD STUD WALL |
|  | NEW EXTERIOR BRICK |
|  | CERAMIC TILE       |



3 KEY PLAN  
N.T.S.

**MCDONALD'S RESTAURANT**  
2024 EOTF BACKCAST - SAO

State Site Code: 024-1140 Nat'l Number: 31427  
1310 S RIVERSIDE, ST. JOSEPH, MO 64507

PROPOSED SAO LAYOUT

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PREPARED FOR:  
**McDonald's USA, LLC**

DATE ISSUED  
BRAND REVIEW 12/27/23  
BRAND REVIEW 02/19/24

DRAWN BY BH  
CHECKED BY KD  
JOB NO. 23357