



APPLICATION SPECIAL USE PERMIT

ADMINISTRATIVE CHANGE OF OWNERSHIP OR MINOR AMENDMENT

☒ Change of Ownership ☐ Minor Amendment

[must use black ink or type]

PROPERTY LOCATION: 3646 KING ST. ALEXANDRIA VA 22302

TAX MAP REFERENCE: 022.03-01-22 **ZONE:** _____

APPLICANT

Name: LUIS GAVIGNANO WISINTAINER

Address: 8996 FERN PARK DR. BURKE VA 22015

PROPERTY OWNER

Name: GRI Bradlee LLC

Address: C/O First Washington Realty Inc 4350 East West HWY Suitw 400 Bethesda, MD 20814

SITE USE: McDonalds

Business Name: Current: McDonald's 20494 **Proposed (if changing):** _____

☐ **THE UNDERSIGNED** hereby applies for a Special Use Permit for **Change in Ownership**, in accordance with the provisions of Article XI, Division A, Section 11-503 (5)(f) of the 1992 Zoning Ordinance of City of Alexandria, Virginia.

☐ **THE UNDERSIGNED**, having read and received a copy of the special use permit, hereby agrees to comply with all conditions of the current special use permit, including all other applicable City codes and ordinances.

☐ **THE UNDERSIGNED** hereby applies for a Special Use Permit for **Minor Amendment**, in accordance with the provisions of Article XI, Division A, Section 11-509 and 11-511 of the 1992 Zoning Ordinance of City of Alexandria, Virginia.

☐ **THE UNDERSIGNED**, having obtained permission from the property owner, hereby requests this special use permit. The undersigned also attests that all of the information herein required to be furnished by the applicant are true, correct and accurate to the best of his/her knowledge and belief.

Hector Garrido

Print Name of Applicant or Agent

8996 FERN PARK DR.

Mailing/Street Address

BURKE VA

City and State

Zip Code

Signature

703 323 9433

Telephone #

PAYABLES@IGOLDEN P.COM

Email address

Date

DO NOT WRITE IN THIS SPACE - OFFICE USE ONLY

Application Received: _____

Fee Paid: \$ _____

Legal advertisement: _____

ACTION - PLANNING COMMISSION _____

ACTION - CITY COUNCIL: _____

The following information must be furnished to the Department of Planning and Zoning to determine if the current use conducted on the premises complies with the special use permit provisions and all other applicable codes and ordinances.

1. Please describe prior special use permit approval for the subject use.

Most recent Special Use Permit # SUP97-0122

Date approved: November 15, 1997
month day year

Name of applicant on most recent special use permit McDonald's Corporation

Use restaurant

2. Describe below the nature of the *existing operation in detail* so that the Department of Planning and Zoning can understand the nature of the change in operation; include information regarding type of operation, number of patrons served, number of employees, parking availability, etc. (Attach additional sheets if necessary.)

EXISTING MCDONALD'S FAST FOOD RESTAURANT THAT
WILL CONTINUE TO OPERATE AS SAME. NO CHANGES
IN OPERATION, ONLY OWNERSHIP.

3. Describe any proposed changes to the business from what was represented to the Planning Commission and City Council during the special use permit approval process, including any proposed changes in the nature of the activity, the number and type of patrons, the number of employees, the hours, how parking is to be provided for employees and patrons, any noise emitted by the use, etc. (Attach additional sheets if necessary)

There are no proposed changes, only change of ownership.

4. Is the use currently open for business?



Yes



No

If the use is closed, provide the date closed.

_____/_____/_____
month day year

5. Describe any proposed changes to the conditions of the special use permit:

No changes

6. Are the hours of operation proposed to change?



Yes



No

If yes, list the current hours and proposed hours:

Current Hours:

LOBBY AND DRIVE THRU;
M-THURSDAY - 6:00 AM - 11:00 PM
FRI-SATURDAY - 6:00 AM - 12:00 AM
SUNDAY - 6:00 AM TO 11:00 PM

Proposed Hours:

7. Will the number of employees remain the same?



Yes



No

If no, list the current number of employees and the proposed number.

Current Number of Employees:

56

Proposed Number of Employees:

8. Will there be any renovations or new equipment for the business?

Yes



No

If yes, describe the type of renovations and/or list any new equipment proposed.

9. Are you proposing changes in the sales or service of alcoholic beverages?

Yes



No

If yes, describe proposed changes:

10. **Is off-street parking provided for your employees?** ☐ Yes ☒ No
If yes, how many spaces, and where are they located?

11. **Is off-street parking provided for your customers?** ☐ Yes ☒ No
If yes, how many spaces, and where are they located?

12. **Is there a proposed increase in the number of seats or patrons served?** ☐ Yes ☒ No
If yes, describe the current number of seats or patrons served and the proposed number of seats and patrons served. For restaurants, list the number of seats by type (i.e. bar stools, seats at tables, etc.)

Current:

66 seats

Proposed:

13. **Are physical changes to the structure or interior space requested?** ☐ Yes ☒ No
If yes, attach drawings showing existing and proposed layouts. In both cases, include the floor area devoted to uses, i.e. storage area, customer service area, and/or office spaces.

14. **Is there a proposed increase in the building area devoted to the business?** ☐ Yes ☒ No
If yes, describe the existing amount of building area and the proposed amount of building area.

Current:

Proposed:

15. **The applicant is the** (check one) ☒ Property owner ☐ Lessee

☐ other, please describe: _____

16. **The applicant is the** (check one) ☒ Current business owner ☐ Prospective business owner

☐ other, please describe: _____

17. Each application shall contain a clear and concise statement identifying the applicant, including the name and address of each person owning an interest in the applicant and the extent of such ownership interest. If the applicant, or one of such persons holding an ownership interest in the applicant is a corporation, each person owning an interest in excess of ten percent (3%) in the corporation and the extent of interest shall be identified by name and address.

For the purpose of this section, the term "ownership interest" shall include any legal or equitable interest held in the subject real estate at the time of the application. If a nonprofit corporation, the name of the registered agent must be provided.

Please provide ownership information here:

APPLICANT IS LUIS GAVIGNANO WISINTAINER.

BUSINESS TRADE NAME IS KING STREET GOLDEN FOODS LLC

OPERATING AS MCDONALD'S 20494.

KING STREET GOLDEN FOODS WILL CONTINUE TO
OPERATE THE EXISTING MCDONALD'S RESTAURANT AND
PROVIDE FAST FOOD SERVICE TO THE COMMUNITY.



PARCEL LINE TABLE		
LINE #	LENGTH	DIRECTION
L1	154.52	S45°58'59"E
L2	162.00	S44°03'01"W
L3	154.52	N45°58'59"W
L4	162.00	N44°03'01"E

LANDS 'N'
GRI BRADLEE, LLC
DEED BOOK 991 PAGE 448
PARCEL ID: 022-03-01-01
LOT 902

ZONE: CG (COMMERCIAL
GENERAL)
3078 KING STREET



Know what's below.
Call before you dig.

KING STREET
168' wide right of way

EXISTING
McDONALD'S
RESTAURANT
FF=208.9'

STORM INLET
TOP=207.51'
INV OUT=203.81'

STORM INLET
TOP=206.58'
NO VISUAL - FILLED W/ DEBRIS

STORM INLET
TOP=208.53'
INV OUT=203.03'

STORM MANHOLE
TOP=207.94'
IN IN AV204.04'
INV OUT=203.94'

APPROX. LOC. 1/2 VEP CO EASEMENT
DEED BOOK 715 PAGE 13

APPROX. LOC. VEP CO EASEMENT
DEED BOOK 991 PAGE 447

APPROX. LOC. VARIABLE WIDTH REFUSE
AND EMERGENCY VEHICLE EASEMENT
DEED BOOK 1154 PAGE 630

GENERAL DEMOLITION NOTES:

- EXISTING SITE CONDITIONS SHALL BE VERIFIED PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL REPORT ANY DIFFERENCES FROM THE PLAN THAT WILL AFFECT CONSTRUCTION, IN WRITING, TO THE ACM AND AWAIT FURTHER INSTRUCTIONS.
- PRIOR TO COMMENCING DEMOLITION & CLEARING, SEDIMENT TUBES SHALL BE INSTALLED.
- ALL EXISTING TO REMAIN SHALL BE PROTECTED FROM DAMAGE. IN THE EVENT THAT EXISTING ITEMS TO REMAIN ARE DAMAGED, THE CONTRACTOR SHALL REPAIR OR REPLACE THE ITEM AT NO COST TO THE OWNER.
- VERIFY ALL DEMOLITION IN THE R/W WITH THE APPROVED ENCROACHMENT PERMIT.
- ALL DEPRESSIONS FORMED BY DEMOLITION SHALL BE FILLED. REFER TO THE GRADING PLAN & SOILS REPORT FOR FURTHER SPECIFICATIONS FOR THE FILL REQUIREMENTS.

EROSION CONTROL NOTES:

- THE CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES. THE LOCATION OF ALL EXISTING UTILITIES ARE NOT NECESSARILY SHOWN ON THE PLANS AND WHERE SHOWN ARE ONLY APPROXIMATE. THE CONTRACTOR SHALL ON HIS INITIATIVE AND AT NO EXTRA COSTS HAVE LOCATED ALL UNDERGROUND LINES AND STRUCTURES AS NECESSARY. NO CLAIMS FOR DAMAGES OR EXTRA COMPENSATION SHALL ACCRUE TO THE CONTRACTOR FROM THE PRESENCE OF SUCH PIPE, OTHER OBSTRUCTIONS OR FROM ANY DELAY DUE TO REMOVAL OR REARRANGEMENT OF THE SAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UNDERGROUND STRUCTURES. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL NON-SUBSCRIBING UTILITIES. THE CONTRACTOR(S) SHALL CONTACT VA.811 FOR ASSISTANCE IN LOCATING EXISTING UTILITIES. CALL AT LEAST 48 HOURS PRIOR TO ANY DIGGING.
- THE EROSION CONTROL MEASURES ARE TO BE IN PLACE PRIOR TO ANY EARTHWORK.
- ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL DISTURBED AREAS ARE STABILIZED.
- ALL EROSION CONTROL FACILITIES SHALL BE INSPECTED AND REPAIRED AT A MINIMUM OF A WEEKLY BASIS AND AFTER EVERY RAIN EVENT.
- ALL PAVED AREAS SHALL BE KEPT CLEAR OF EARTH MATERIALS AND DEBRIS. THE SITE SHALL BE MAINTAINED SO AS TO MINIMIZE SEDIMENT-LADEN RUNOFF TO ANY STORM DRAINAGE SYSTEM.
- PROVIDE A GROUND COVER (TEMPORARY OR PERMANENT) ON EXPOSED SLOPES WITHIN 14 CALENDAR DAYS FOLLOWING COMPLETION OF ANY PHASE OF GRADING; AND A PERMANENT GROUND COVER FOR ALL DISTURBED AREAS WITHIN 14 DAYS FOLLOWING COMPLETION OF CONSTRUCTION OR DEVELOPMENT. ALL CUT AND FILL SLOPES AND CHANNEL SIDE SLOPES WHICH ARE NOT TO BE PAVED SHALL BE SEEDED UNTIL A GOOD STAND OF GRASS IS OBTAINED IN ACCORDANCE WITH SPECIFICATIONS NOTED ON THE LANDSCAPE PLAN.
- ALL ELEVATIONS SHOWN ARE IN REFERENCE TO THE BENCHMARK AND MUST BE VERIFIED BY THE GENERAL CONTRACTOR AT GROUND BREAK.

CONSTRUCTION SEQUENCE:

THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT EROSION IS MINIMIZED AND THAT COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS, REGULATIONS AND ORDINANCES IS MAINTAINED THROUGHOUT EXECUTION OF THIS PROJECT.

- MARK PROPOSED LIMITS OF DISTURBANCE. INSTALL SEDIMENT TUBES AS SHOWN ON C-2.0. CLEAR ONLY AS NECESSARY TO INSTALL THESE DEVICES.
- BEGIN DEMOLITION WORK AS SHOWN ON C-2.0. DEMOLITION WORK WILL INCLUDE PARTIAL REMOVAL OF EXISTING BUILDING, SIDEWALK, & CURB AND GUTTER.

NOTE: CONTRACTOR SHALL INSPECT AND REPAIR ALL EROSION DEVICES AT LEAST ONCE A WEEK AND AFTER EVERY RAINFALL. EROSION CONTROL DEVICES SHALL REMAIN IN PLACE AND MAINTAINED UNTIL THE AREAS UPSTREAM OF THESE DEVICES HAVE BEEN STABILIZED AND APPROVED.

- BEGIN BUILDING, PARKING LOT, AND SIDEWALK CONSTRUCTION.
- PAVE AREAS DESIGNATED FOR PAVING. STABILIZE SITE AS AREAS ARE BROUGHT UP TO FINISH GRADE WITH VEGETATION, PAVING, ETC. SEED AND MULCH DESIGNATED AREAS WITHIN FOURTEEN (14) DAYS OF COMPLETION OF ANY PHASE OF CONSTRUCTION.

NOTE: THE CONTRACTOR SHALL ENSURE THAT THE EROSION CONTROL DEVICES REMAIN UNDISTURBED DURING CONSTRUCTION OF THE BUILDING PADS AND ASSOCIATED PARKING DRIVE AREAS ADJACENT TO THESE DEVICES UNTIL THE CONTRIBUTING UPSTREAM AREAS HAVE BEEN STABILIZED AND APPROVED.

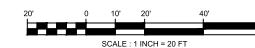
- WHEN SITE IS APPROVED, REMOVE SEDIMENT TUBES. SEED OUT OR PAVE ANY RESULTING BARE AREAS.

KEYNOTES:

- REMOVE A PORTION OF EXISTING BUILDING.
- GRIND OUT EXISTING THANK YOU ON EXISTING CONCRETE TO REMAIN.
- INSTALL SINGLE ROW OF SEDIMENT TUBE IN FRONT OF INLET OPENING. REFER TO SD-1.1.
- EXISTING SITE IDENTIFICATION SIGN.
- EXISTING GREASE TRAP.
- EXISTING TRANSFORMER.
- EXISTING MOBILE ORDER STALL.
- EXISTING PULL FORWARD STALL.
- EXISTING M/D DELIVERY STALL.

LEGEND

- DENOTES PROPERTY LINE
--- --
- DENOTES EXISTING ITEM
TO BE REMOVED
- - - -
- LIMITS OF
DISTURBANCE
--- LD ---
- DENOTES EXISTING
PAVEMENT
TO BE REMOVED
[SHADING]
- DENOTES SEDIMENT TUBE
REFER TO SD-1.1
--- ST ---



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PREPARED BY:



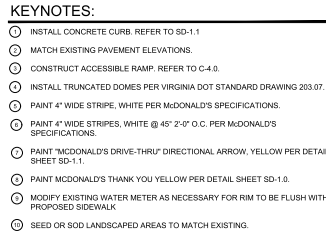
101 Falls Park Drive
Suite 501
Greenville, SC 29601
(864) 271-8889
www.brittpeters.com

PROJECT FOR: **McDonald's USA, LLC**
Three drawings and specifications are the confidential and proprietary information of McDonald's USA, LLC. These documents are prepared and used for the purpose of the project described herein. They are not to be used for any other purpose without the written consent of McDonald's USA, LLC. The information contained herein is not to be used for any other purpose without the written consent of McDonald's USA, LLC. The information contained herein is not to be used for any other purpose without the written consent of McDonald's USA, LLC.

REVISION	BY	DATE
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SHEET NO. **C-2.0**
DEMOLITION & EROSION
CONTROL PLAN



ZONING REQUIREMENTS:				
SITE ZONING: CG - COMMERCIAL, GENERAL ZONE	FRONT	RIGHT	LEFT	REAR
BUILDING SETBACKS:	75'	0'	0'	0'

*FROM THE EXISTING CENTER LINE OF LEESSBURG PIKE (KING ST.)

PARKING REQUIREMENTS:				
1 SPACE / 1000 SF FLOOR MIN. 4 SPACE / 1000 SF FLOOR MAXIMUM				
4 SPACES REQUIRED / 1000 SF				
ANGLE:	90°	90°	0°	ADA
STALL SIZE:	9' X 18'	9' X 18'	8' X 18'	8' X 18'
ASILE DIMENSION:	22'	20'	22'	20'
SPACES SHOWN:	0	19	0	2
MIN. REQUIREMENT: 4 SPACES				
MAX. REQUIREMENT: 16 SPACES				
TOTAL SPACES PROVIDED: 21 SPACES				
TOTAL EXISTING SPACES: 21 SPACES				

1 THE CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES. THE
2 LOCATION OF ALL EXISTING UTILITIES ARE NOT NECESSARILY SHOWN ON THE PLANS AND WHERE
3 SHOWN, LOCATIONS MAY DIFFER. ANY APPROXIMATE LOCATIONS OF UTILITIES AND/OR ANY EXTRA
4 CUES HAVE LOCATED ALL UNDERGROUND LINES AND STRUCTURES AS NECESSARY. NO CLAIMS
5 FOR DAMAGES OR EXTRA COSTS WILL BE MADE BY THE CONTRACTOR FOR ANY DAMAGE TO THE
6 PRESENCE OF SUCH PIPE, OTHER OBSTRUCTIONS OR FROM ANY DELAY DUE TO REMOVAL OR
7 REARRANGEMENT OF THE SAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO
8 EXISTING UNDERGROUND STRUCTURES. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL
9 NON-SUBSCRIBING UTILITIES. THE CONTRACTOR(S) SHALL CONTACT WA 811 FOR ASSISTANCE IN
10 LOCATING ALL EXISTING UTILITIES AT LEAST 48 HOURS PRIOR TO ANY DIGGING.

11 THE LOCATIONS OF ALL UTILITIES SHOWN ON THESE PLANS ARE BASED ON THE AVAILABLE
12 INFORMATION. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF UTILITIES WITH THE
13 UTILITY OWNERS PRIOR TO COMMENCEMENT OF CONSTRUCTION.

14 PRIOR TO STARTING CONSTRUCTION, THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO
15 VERIFY THAT ALL REQUIRED PERMITS HAVE BEEN OBTAINED. NO CONSTRUCTION OR
16 FABRICATION OF ANY ITEM SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED ALL PLANS AND ANY
17 OTHER DOCUMENTATION FROM ALL OF THE PERMITTING AND ANY OTHER REGULATORY
18 AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS. THE CONTRACTOR
19 SHALL BE RESPONSIBLE FOR ASSUMING FULL RESPONSIBILITY FOR ANY SUBSEQUENT MODIFICATION OF THE
20 PERMITS REQUIRED BY ANY AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL
21 PERMITS IN ACCORDANCE WITH APPLICABLE STATE, COUNTY AND LOCAL CODES.

22 THE GENERAL CONTRACTOR SHALL CONTACT ALL OWNERS OF EASEMENTS, UTILITIES AND
23 RIGHT-OF-WAYS, PUBLIC OR PRIVATE, PRIOR TO WORKING IN THESE AREAS. ACCESS SHALL BE
24 MAINTAINED TO ALL EASEMENTS AND RIGHT-OF-WAYS.

25 THE CONTRACTOR SHALL MAINTAIN THE SITE IN A MANNER SO THAT WORKMEN AND PUBLIC SHALL BE
26 PROTECTED FROM INJURY, AND ADJOINING PROPERTY PROTECTED FROM DAMAGE.

27 THE CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ANY EXISTING ITEM AND/OR MATERIAL, INSIDE OR
28 OUTSIDE CONSTRUCTION LIMITS DUE TO CONSTRUCTION OPERATIONS.

29 THE GENERAL CONTRACTOR SHALL KEEP THE AREA OUTSIDE THE "CONSTRUCTION LIMITS" BROOM
30 CLEAN AT ALL TIMES AND REMOVE ALL TRASH AND DEBRIS FROM THE SITE UPON COMPLETION OF
31 THE PROJECT AND AT LEAST 24 HOURS PRIOR TO THE COMMENCEMENT OF THE PROJECT.

32 BEFORE COMMENCEMENT OF WORK, THE CONTRACTOR SHALL REVIEW ALL PLANS AND
33 SPECIFICATIONS AND THE JOB SITE. THE CONTRACTOR SHALL NOTIFY THE PLANS AND
34 THE ENGINEER WHO PREPARED THE PLANS OF ANY DISCREPANCIES THAT MAY REQUIRE MODIFICATIONS
35 TO THESE PLANS OR OF ANY OTHER DISCREPANCIES.

36 THE WORK IN RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT EDITION OF
37 THE STATE DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIALS SPECIFICATIONS.

38 THE CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION
39 PRACTICES, CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY
40 FOR ALL CONDITIONS OF THE PROJECT, INCLUDING BUT NOT LIMITED TO THE SAFETY AND
41 SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY
42 TO ALL PERSONS AND NOT LIMITED TO THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE
43 TO DEFEND, INDEMNIFY, AND HOLD THE OWNER AND DESIGN PROFESSIONAL, HARMLESS OF ANY AND
44 ALL LIABILITY, REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS
45 PROJECT. ANY LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR DESIGN
46 PROFESSIONAL.

47 SUBJECT PROPERTY IS NOT LOCATED WITHIN A SPECIAL FLOOD HAZARD ZONE. IT IS LOCATED IN
48 ZONE UNCLASSIFIED BY FIRM J.R.K. COMMUNITY PANEL NUMBER 5155.1002026, WITH AN EFFECTIVE
49 DATE OF 01/05/2011.

50 PARCEL ID: 0224-03-012

51 LEASED PROPERTY: 0.57 ACRES
52 DISTURBED AREA: 0.22 ACRES (94.9%)

53 PAYMENT SPECIFICATIONS: CONTRACTOR TO ENGINEER TO SOLICIT FOR SITE SPECIFIC
54 PAYMENT SPECIFICATIONS. McDONALD'S ENGINEER RESERVES THE RIGHT TO REQUEST A
55 SITE VISIT AND TEST AND/or ANALYZE SOILS OR IF PROVE CONTRACT, PERMITS, ETC. CONTRACTOR
56 SHALL BE AT McDONALD'S EXPENSE. OTHERWISE, GEOTECHNICAL REPORTS SHALL BE CHARGED TO
57 THE CONTRACTOR.

58 ALL SITE CONCRETE IS TO BE TREATED WITH WATER REPLENTY CONCRETE SEALER TO PROTECT
59 THE SURFACES FROM SPLITTING AND DAMAGE FROM CHEMICAL ATTACK OF CHLORIDE SALTS. SEALER
60 TO BE USED: PROSO-COAT 1000. FOR MORE INFORMATION, SEE RECOMMENDATIONS INCLUDE IN
61 PROSO-COAT-SEALGUARD OR SP-112 WATERGUARD.

	EXISTING	PROPOSED
CURB & GUTTER REFER TO SD-1.1		
WATER LINE		
STORM LINE		
STORM INLET		
ELECTRIC GAS		
TREE		
LIGHT POLE		
CONCRETE SIDEWALK REFER TO SD-1.1		
CONCRETE PAVEMENT REFER TO SD-1.1		

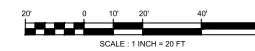
LINE #	LENGTH	DIRECTION
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LANDS N/F
GRI BRADLEE, LLC
DEED BOOK 991 PAGE 448
PARCEL ID: 022.03-01-01
LOT 902

ZONE: CG (COMMERCIAL
GENERAL)
3678 KING STREET



Know what's below.
Call before you dig.

[illegible]



2. ALL GRADING AND BACKFILLING, EXCAVATING, ETC., SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL INVESTIGATION REPORTS. REFER TO THESE REPORTS FOR ADDITIONAL INFORMATION NOT TRANSFERRED TO THESE PLANS.
3. ALL ELEVATIONS SHOWN ARE IN REFERENCE TO THE BENCHMARK AND MUST BE VERIFIED BY THE GENERAL CONTRACTOR AT GROUNDBREAK.



PROPOSED

————— 970 —————
 ————— 971 —————

984 5" FINISHED SURFACE
 984 9" RIP OF CURB
 984 4" BOTTOM OF CURB

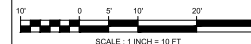
(1) 5.67X5.0'
 (2) REFER TO DIMENSIONS ON PLAN

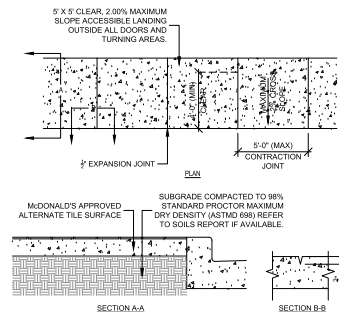


PREPARED FOR:
MM

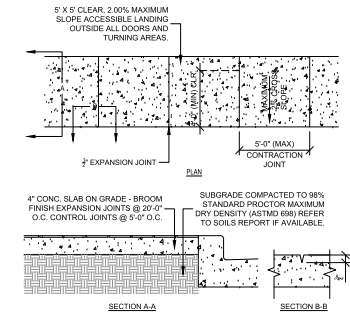
TITLE

C-4.0
GRADING & DRAINAGE PLAN

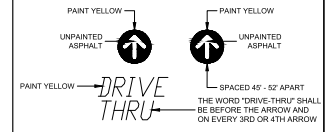




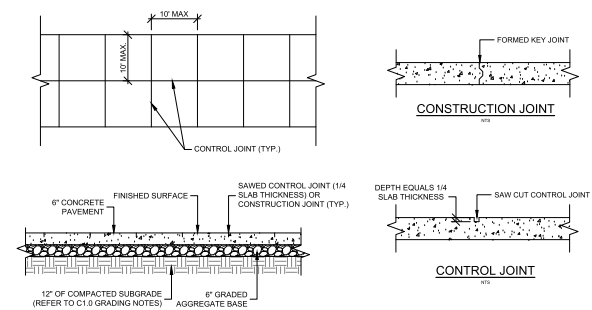
**ALTERNATE McDONALD'S
CONCRETE SIDEWALK DETAIL**
NTS



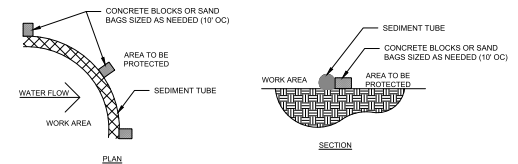
**CONCRETE SIDEWALK
DETAIL**
NTS



**McDONALD'S "DRIVE-THRU"
DIRECTIONAL ARROW**
NTS

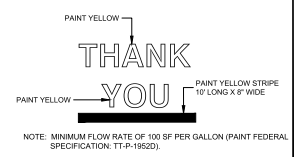


CONCRETE PAVEMENT DETAIL
NTS

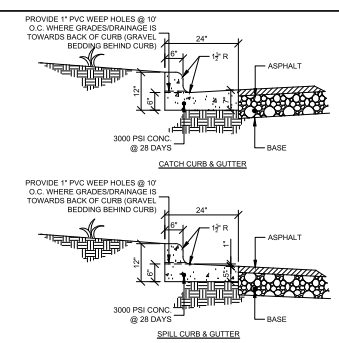


- NOTES:
1. INSTALL PER THE MANUFACTURER'S RECOMMENDATIONS PRIOR TO EXPOSING SUBGRADE.
 2. ROUTINE INSPECTIONS SHALL BE MADE WITHIN 24 HRS OF A RUNOFF EVENT.
 3. THE CONTRACTOR SHALL REMOVE SEDIMENT ONCE IT HAS REACHED 1/2 THE EFFECTIVE HEIGHT.
 4. THE SEDIMENT TUBE SHALL BE REPAIRED OR REPLACED IF IT IS DAMAGED.
 5. SEDIMENT TUBES SHALL BE 12\"/>

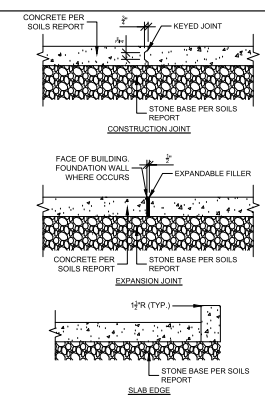
SEDIMENT TUBE
NTS



McDONALD'S "THANK YOU"
NTS



2'-0\"/>



CONCRETE SLAB DETAIL
NTS



BRITT PETERS AND ASSOCIATES INC. consulting engineers 101 Falls Park Drive Suite 601 Greenville, SC 29601 (864) 271-8869 www.brittpeters.com		DATE: 03/04/24 BY: [Signature] CHK: [Signature] APP: [Signature]
PROJECT NO: [Blank] CLIENT: [Blank] LOCATION: [Blank] DESCRIPTION: [Blank] DATE ISSUED: 03/04/2024		DATE: 03/04/24 BY: [Signature] CHK: [Signature] APP: [Signature]
SHEET NO: [Blank] TITLE: [Blank]		DATE: 03/04/24 BY: [Signature] CHK: [Signature] APP: [Signature]
SITE DETAILS 1		DATE: 03/04/24 BY: [Signature] CHK: [Signature] APP: [Signature]
SD-1.1		DATE: 03/04/24 BY: [Signature] CHK: [Signature] APP: [Signature]

McDonald's

Geometry | 20494

Alexandria, Virginia (McOpCo)
3646 Kings St | 22302

Project Contacts

Customer
Michele Miller
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michele.miller@us.mcd.com

Regional Market Manager
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Project Manager
Alexandria Crawford
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Designer
Valerie Hamilton / CT
valerie.hamilton@elkayinteriorsystems.com

Drawn By
KD, KS
02/15/24



Sheet Index	
I-1	Cover Sheet
I-1a	Requirements
I-1b	Field Dimension Coordination Plan
I-2	Floor Plan
I-2a	Dimension Plan
I-2b	3D View
I-2c	Interior Views
I-3	Finish Plan
I-4	Reflected Ceiling Plan
I-5	Elevations
I-5a	Elevations & Typical Elevations
I-6	Details
I-7	Graphics
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I-8a	EIS Specifications
I-9	GC Specifications
I-9a	GC Specifications





3646 Kings St | Alexandria, Virginia (McOpCo) | Site ID: 451012 | National Number: 20494
RMM: Sara Ebel | PM: Alexandria Crawford | Design: Valerie Hamilton / CT | CAD: KD, KS | Job #: 117656 | Portfolio: Geometry

REV	DATE	BY	DESCRIPTION
	03/06/24	KD/CT	Permit Set Created; Kiosk Approval (03/01/24); Perimeter Received: (1/16/24)
1	04/08/24	VH	Bid Set Created; Designer Updated, Soffit Updated
2	08/06/24	VH/CS	Final Set Created, Project Manager Contact Updated, Laminate Tags Updated



ICC/ANSI A117.1 - 2017

1. THIS PROJECT SHALL COMPLY WITH ALL FEDERAL AMERICANS WITH DISABILITY ACT REGULATIONS AND ALL LOCAL ACCESSIBILITY REGULATIONS

GENERAL REQUIREMENTS

Terms & Conditions: ElKay Interior Systems, Inc. (EIS) contract terms & conditions supersede all items outlined within the Requirements page.
Clarification of Scope: EIS is not the prime contractor or architect of record. EIS provides design services and design elements manufactured to project specifications. The Owner/Client and General Contractor (GC) bear the responsibility to review all contract documents and scope of work from the various subcontractors and vendors. EIS shall not serve as, supervise, or have any responsibility for any contractor or consultant, and will not have control or be responsible for construction means, methods, techniques, sequences or procedures conducted by contractors and consultants.
Plan Approval: EIS shall not be responsible for plan submittal to or procuring permit from any public entity.
Code Compliance: EIS is not the architect of record. The project Architect, Engineers and Contractors shall be responsible to ensure the project is compliant with all local, state and federal codes.
Work by Owner/Client: Owner furnished or salvaged equipment will be coordinated and installed by others.
Project Coordination: The Owner/Client and GC are responsible for management and communication of the schedule to provide adequate lead time to design, manufacture, ship and install design elements in the expected time frame.
Change Orders and Schedule: EIS will make a good faith effort to accommodate changes, however EIS reserves the right to extend the lead time and invoice the Owner/Client for new, previously manufactured or in-process product that may have been impacted by changes. EIS maintains the right to refuse entering into any additional billing agreements with Third-parties and will consider such changes as contractual obligation of the Owner/Client (primary contract holder).
Site Access: The Owner/Client and GC agree that EIS representatives may have access to the site at any point during construction if necessary.
Cleaning Instructions: Refer to McDonalds Access McD website for the most up to date list of approved cleaning products and instructions.

QUALITY REQUIREMENTS

Codes
EIS is not licensed to provide signed/sealed drawings. EIS cooperates with all Owner/Client's licensed professionals and other licensed professionals to provide drawings and specifications that meet local codes.

Laws
EIS strives for the contract documents to conform to the Title III of the Americans with Disability Act (ADA). EIS is not licensed to provide signed/sealed drawings. EIS cooperates with all Owner/Client's licensed professionals to provide drawings and specifications that meet the requirement of ICC/ANSI A117.1 -2017 Standards for Accessible Design. EIS will not be responsible for construction deviations by others from the design that may create situations out of compliance with the ADA.
Title III prohibits discrimination on the basis of disability in the activities of places of public accommodations and requires newly constructed and altered places of public accommodation - as well as commercial facilities - to comply with the ADA Standards.

Permits
All permits and fees are the responsibility of the Owner/Client and their agents. EIS agrees to provide drawings and specifications to be included in permit sets as needed.

Accessible Routes
Plans to comply with ICC/ANSI A117.1 -2017 Standards for Accessible Design section 402.
Doors, Doorways and Gates
Plans to comply with ICC/ANSI A117.1 -2017 Standards for Accessible Design section 404.
Protruding Objects
Plans to comply with ICC/ANSI A117.1 -2017 Standards for Accessible Design section 307.
Seating
Plans to comply with IBC 2018 1108.2.9.1
Floor Surfaces
Plans to comply with ICC/ANSI A117.1 -2017 Standards for Accessible Design section 302.
Reach Ranges (Outlet Location)
Plans to comply with ICC/ANSI A117.1 -2017 Standards for Accessible Design section 308.
Signs
Plans to comply with ICC/ANSI A117.1 -2017 Standards for Accessible Design section 703.
Dining Surfaces and Work Surfaces
Plans to comply with ICC/ANSI A117.1 -2017 Standards for Accessible Design section 902 or CBC 11B-306.3 when required in the state of California.

OWNERSHIP AND USE OF DOCUMENTS

- Drawings, schedules and specifications and other instruments of service are and shall remain the property of EIS whether or not the Project for which they are prepared is completed or executed. If the Owner has paid EIS the compensation described in Section VI, the Owner shall be permitted to retain copies, including a set of non-reproducible copies of drawings, schedules and specifications for information and reference in connection with the Owner's use and occupancy of the Project. If the Owner without EIS approval modifies the drawings, schedules and/or specifications, EIS is not responsible for any loss, cost or damage relating to use or application thereof. The Owner may not use the drawings, schedules, specifications or other instruments of service provided hereunder for any project or for any other purpose other than the Project. EIS (or, as appropriate, its subcontractor) is the author and owner of all drawings, schedules, specifications or other instruments of service provided hereunder and retains all statutory and common law copyrights and other rights. Use or termination of this Contract for Design Services by EIS due to the Owner's breach, the Owner shall no longer have the right to use drawings, schedules, specifications and other instruments of service. The Owner may not permit any third party to use such drawings, schedules, specifications and other instruments of service, except as expressly provided herein and with respect to the Project. EIS's written permission must be obtained prior to using such drawings, schedules, specifications and other instruments of service for future additions or alterations to the Project. The designs depicted within the contents of the drawings belong to EIS and that in future "fulfillment" stages of the project that these designs and drawings may not be used by the Owner to shop for other manufacturers to fulfill the intent of the design. In other words, EIS is the sole proprietary manufacturer of the items in the design.
- All computer files containing conceptual imagery, illustrations and all images within the contract documents in the form of artwork or other graphic design remain the intellectual property of EIS. All rights reserved.

WARRANTY CLAUSE

Contract Obligations: Refer to contract terms and conditions for full listing of obligations
Damages During Construction: EIS does not accept responsibility for product replacement that is due to misuse by other entities or trades during construction. This is defined as "Trade Damage."
Warranty Limitations: If product installation is performed by others, the warranty terms will be limited to the responsibility of replacing product only. All associated labor costs will be by the Owner/Client
Limited Warranty: EIS warrants to the Owner/Client that the products sold hereunder will be free from material defects in workmanship and material under normal use and service for a period of one year from the date of EIS's delivery of products to the delivery point. There is NO WARRANTY in cases of damages in transit, negligence, abuse, abnormal usage, misuse, accidents, abnormal wear and tear, damage due to environmental or natural elements. Failure to follow the EIS warranty terms and general installation instructions may result in a void of warranty. This may include, but not be limited to improper installation (when performed by others), storage conditions, maintenance or deviation from cleaning guidelines.

RESPONSIBILITY OF THE GENERAL CONTRACTOR

Summary of Responsibility: The Owner/Client may contract with multiple entities to complete the work within the drawings. This may include, but not be limited to the GC, Kitchen Equipment Supplier, Equipment Vendors, Landscaping Contractors and Seating & Décor. The GC is considered the prime entity on site and shall be responsible for all scope review, project coordination, sequencing and schedule communication.
Coordination of Site Conditions: EIS plan sets are based on the received architectural electronic drawing files or Third-Party site survey. The GC shall provide EIS with actual field dimensions to verify existing conditions, including, but not limited to finished ceiling heights, finished building openings, columns or any other conditions that may affect the design layout or ADA aiseways. Confirmed Field Dimensions (FD's) must be submitted by the GC 3 weeks in advance of delivery. If FD's are not received, EIS will proceed with the dimensions provided within the architectural file or Third-Party site survey. EIS will not be responsible for any final fit up issues if dimensions are not received in the time frame noted above.
Plan Printing: Recommended print size is 24 x 18". Contractors bear the responsibility of verifying scale before any take-offs or field application.
Staging: Provide a water-tight, broom-swept area to stage and protect pre-installed product.
Unloading: EIS not responsible for offloading any product purchased or installed by others, including all wall and floor finish materials. A forklift is recommended on site, as not all EIS pallets/crating is suitable for a lift gate.
Waste Disposal: Provide dumpster or other means of waste disposal
Protection of Design Elements: GC is responsible to protect product from being damaged during construction.
Wall Panel & Ceiling Tile (if applicable): Carefully review the plan comments section for coordination instructions.

EIS SCOPE CLARIFICATION

General Scope: The information in this set of drawings describes fixtures, furnishings and other items delivered by EIS to the address on the contract. If EIS is contracted to install the product, the EIS scope will include the items identified on the Plan Index as EIS Specifications, but will not include the installation of any items noted in the GC Specifications.
Front Service Elements: Items may be provided by EIS, but is coordinated through alternative client channels. Review plan notes and ensure this scope is on order to ensure proper coordination.

INSTALLATION TERMS (IF PURCHASED)

- General Terms:**
- Schedule changes must be communicated to EIS in advance of service. Schedule changes or cancellations within 48 hours of intended service may result in billable charges.
 - The EIS installation schedule is considered firm (14) calendar days in advance of service. EIS will make a good faith effort to accommodate schedule change notifications received less than (14) calendar days, but reserves the right to schedule based on crew availability.
 - Cost of installation is for a single mobilization. Return trips will be considered billable.
 - EIS is not responsible for local building code requirements
 - Installation labor is priced based on the assumption that the dining room will be closed for construction and that work will be permitted from 7am – 7pm. EIS reserves the right to increase the cost of service if 2nd shift or premium time labor is required.
 - Dining room floors, walls and ceilings must be substantially complete prior to installation provided hereunder, as reasonably determined by EIS. EIS reserves the right to issue a change order in the event any of such conditions are not met prior to scheduled installation.
 - EIS agrees to dispose of own packaging, and to maintain a clean workspace that is free from hazard. Dumpsters provided by others.
 - Installer and/or GC to seal all compact laminate base, decor, or wall base with silicone caulking. Color to best match base.

Site Readiness Conditions:

- Prior to the delivery and installation for EIS fixtures, decor, and furnishings:
- Interior wall finished including, but not limited to, wall coverings, wainscoting, paint, chair rail, and molding, shall be completely installed.
 - The floor is broom clean.
 - Floor and base tile to be grouted, cleaned and in place for a minimum of 48 hours.
 - All openings to have glazing and frames installed.
 - The HVAC system to be installed and in use.
 - The ceiling grid and tile or other system to be installed.
 - Lighting fixtures to be installed.
 - Water supply convenient to work space.
 - Electrical service of two 120V/30 amp circuits to be available.
 - Work space to be free of other contractors attempting to complete their work.
 - Dumpster available for packaging disposal.
 - Finished parking lot or subsurface within 1" of finish grade for delivery of product.
- Core Drill Clarifications/General Contractor Requirements:**
- A minimum of a 5" concrete slab is required for all core drilling of chairs, booths, tables and hallways.
 - EIS is not liable for cored steel that becomes unstable as a result of core drilling through a concrete slab less than 5" thick.
 - EIS is not responsible for damage of any mechanicals located within 5" of the finished floor.
 - In the event that EIS installers core through a slab less than 5" a \$30 per hole charge will apply. This charge is to excavate core hole, pour concrete footing, and set steel. This type of repair is not guaranteed.
 - Floor/base tile must be in good repair before any core drilling begins.
 - The general contractor is to leave a minimum of 40 pounds of floor tile grout to finish the core drilled holes.
 - EIS recommends the use of por-rok brand as a cement is adhesive for cored-in steel.
 - EIS recommends when the general contractor/installer are setting cored supports, level only the horizontal top plate. **DO NOT** level the vertical post.
 - The General Contractor will alert EIS installation crew to any under slab conditions that may be affected by core drilling. Those items include but are not limited to water lines, rebar, electrical conduit and other common building system elements.
 - When applicable, removal of existing steel is to be included in the general contractor's demolition scope. Cored steel is to be removed in entirety, and not cut-off. In the event that steel is not fully removed, EIS reserves the right to bill the customer for additional labor required, and/or damages incurred to equipment.
- Installation Sign Off**
- EIS requires a designated person present to conduct a decor punchlist walk through on the full product installation immediately after completion to allow for a more proactive and timely resolution.

DELIVERY COORDINATION TERMS

- Delivery Window:** EIS will make a good faith effort to deliver product at the requested time of day, but reserves the right to deliver product within a 4-hour window. Back charges for deliveries occurring within this window will not be accepted. Deliveries delayed due to weather, Acts of God or Federal regulations related to Truck Driver hours of service will not be subject to this window.
- Responsibility of Recipient:** If EIS Certified Installation has not been purchased, General Contractor is designated as the Recipient. Recipient shall thoroughly inspect the condition of the product upon receipt and shall bear the responsibility for unloading product from freight trailer. EIS shipments do not ship via lift gate trailer.
- Instructions on Receiving Product:** A delivery checklist shall be provided by the driver. Cross reference the tag numbers and quantities on the list against the received physical product to verify shipment accuracy and quality.
- Damaged or Missing Product Reporting:**
- Transit damages or shortages must be noted on the freight bill at the time of receipt and EIS notified within 24 hours of delivery. In the event of a shortage, the exact count of missing items should be noted.
 - Concealed damages must be photographed while the product is in the packaging and reported to the EIS Project Manager (see title page for contact info) within 48 hours of delivery.
 - Failure to properly document and report damages in the manner noted above will absolve EIS from any financial responsibility.
- Damaged Product Handling:** The Recipient is NOT warranted to refuse damaged shipment unless the damage has rendered the items worthless. In cases of partial damage or loss, the Recipient will take possession of the entire shipment and determine if it can be repaired or retained with an allowance.
- Onsite Storage Conditions**
- EIS will not be responsible for making onsite storage accommodations.
- Product must be stored in an environment that is watertight, free of debris and temperature controlled. Extreme temperatures may cause delamination and warping that will be not covered under warranty.

PROJECT CLOSE OUT REQUIREMENTS

Punchlist Definitions: Product not conforming with quality standards will be considered the responsibility of EIS for repair or replacement (see Warranty Clause section).
Punchlist Limitations: Punch lists must be created and distributed to EIS within 30 business days of delivery. Damages and/or missing product not reported in accordance with the section *Delivery and Coordination Terms* may be considered as damaged or lost on site, and may result in billable charges for replacement or repairs.



3646 Kings St | Alexandria, Virginia (McOpCo) | Site ID: 451012 | National Number: 20494
RMM: Sara Ebel | PM: Alexandria Crawford | Design: Valerie Hamilton / CT | CAD: KD, KS | Job #: 117656 | Portfolio: Geometry

REV	DATE	BY	DESCRIPTION
	03/06/24	KD/CT	Permit Set Created; Kiosk Approval (03/01/24); Perimeter Received; (1/16/24)
1	04/08/24	VH	Bid Set Created; Designer Updated, Soffit Updated
2	08/06/24	VH/CS	Final Set Created, Project Manager Contact Updated, Laminate Tags Updated



EIS Job: 117656

National #: 20494

Location: Alexandria, Virginia (McOpCo)

General Contractors Name: _____

Superintendent Name: _____

Superintendent Number: _____

Date FD's were provided: _____

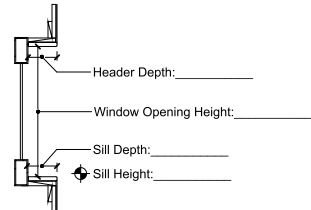
Please send in these dimensions as soon as possible to:

Alexandria Crawford At (XXX) XXX-XXXX
Or Email At alexandria.crawford@elkayinteriorsystems.com

A	H	O	V
B	I	P	W
C	J	Q	X
D	K	R	Y
E	L	S	Z
F	M	T	
G	N	U	

Main ceiling height _____

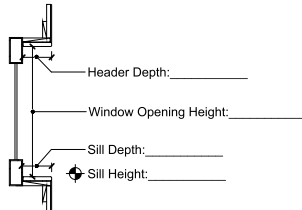
GC TO PROVIDE APPROPRIATE
BLOCKING ABOVE HEADER TO
SUPPORT 100 lb. MINIMUM



*SILL HEIGHT DIMENSION TAKEN
FROM FINISHED FLOOR*

① WINDOW FD's
1" = 1'-0"

GC TO PROVIDE APPROPRIATE
BLOCKING ABOVE HEADER TO
SUPPORT 100 lb. MINIMUM



*SILL HEIGHT DIMENSION TAKEN
FROM FINISHED FLOOR*

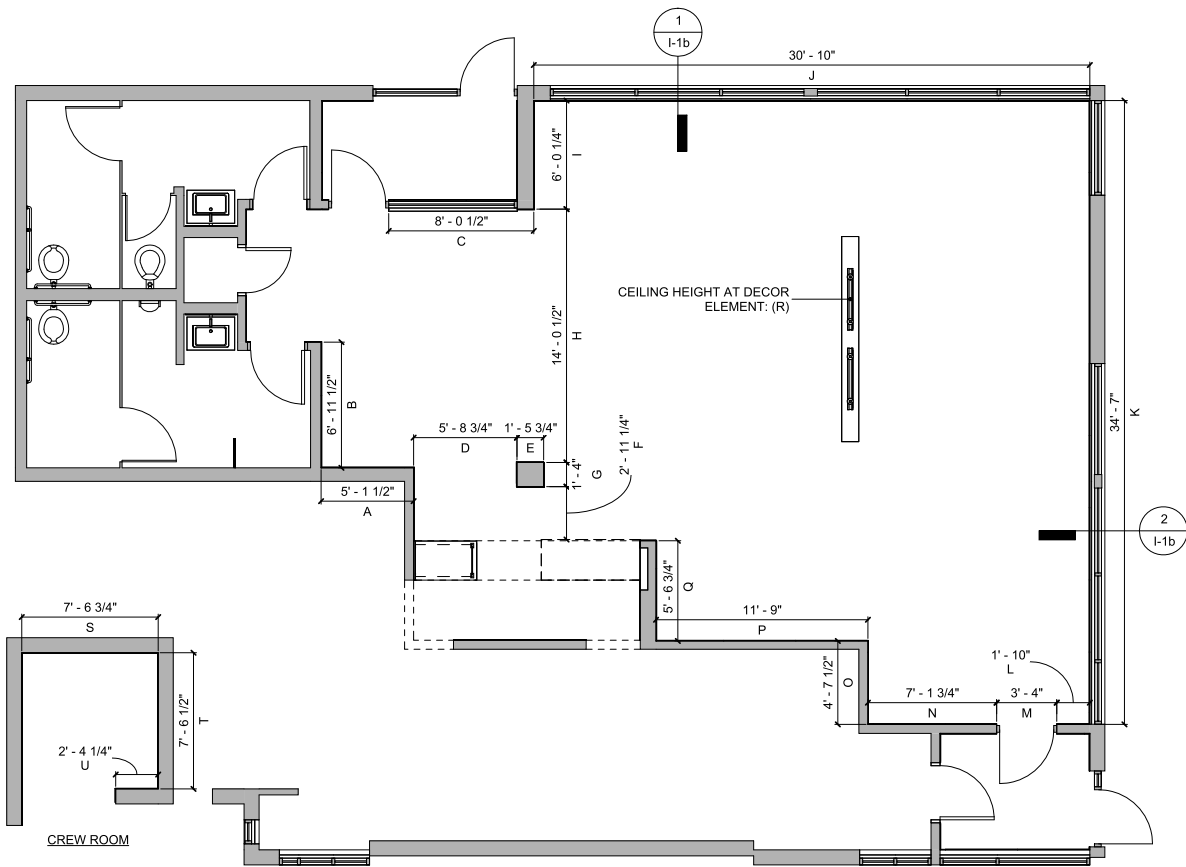
② WINDOW FD's
1" = 1'-0"

Intent:

Elkay Interior Systems, Inc. (EIS) plans are dimensioned in accordance with received architectural drawings or site survey, and includes, but not limited to ceiling and sill height. There are often occasions where the architectural plans do not match actual site conditions. The Field Dimension Coordination Plan is intended to alleviate any potential discrepancies and coordination issues on the project.

Instructions:

1. Upon receipt of Final Plans, please provide FINISHED dimensions for the areas listed.
2. Confirmed Field Dimensions (FD's) must be submitted 3 weeks in advance of delivery. If FD's are not received, EIS will proceed with the dimensions provided within the architectural file. EIS will not be responsible for any final fit up issues if dimensions are not received in a timely manner.
3. General Contractor to immediately notify Elkay Interior Systems if field conditions do not match the architectural plan set. EIS will make a good faith effort to accommodate changes, however the client may be responsible for the cost of items already manufactured or in process.



Ⓐ FD FIELD DIMENSION
3/16" = 1'-0"



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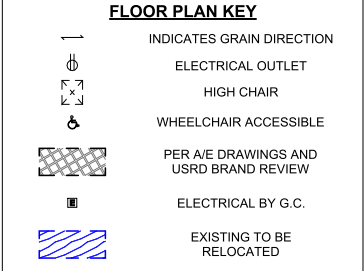
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2	08/06/24	VH/CS	Final Set Created, Project Manager Contact Updated, Laminate Tags Updated



NOTES:
- SERVICE AREA DESIGN IS FOR REFERENCE ONLY AND SUBJECT TO CHANGE FROM VERSION INDICATED IN THE FOLLOWING SET. ALL PARTIES MUST REFERENCE A/E PLANS FOR FINAL SERVICE AREA DESIGN AND DETAILS.
- ALL ITEMS PREVIOUSLY STATED TO BE COORDINATED IN THE FIELD WITH APPROPRIATE CLEARANCES. G.C. TO COORDINATE ALL VERSIONS & CONFIGURATIONS WITH ACM AND/OR A/E ON THE ITEMS ABOVE AND ON ANY ADDITIONAL REQUIREMENTS PERTAINING TO THIS SITE.
- EIS IS NOT RESPONSIBLE FOR ANY COORDINATION ON THE ITEMS ABOVE, OR RESPONSIBLE FOR ANY SERVICE AREA DIRECTION OR DISCREPANCIES.
- G.C. TO VERIFY ALL DIMENSIONS IN THE FIELD AND ORDER PER ACM AND/OR A/E DIRECTION.
- SERVICE AREA CEILING FINISHES ARE PER McDONALD'S CORPORATE DESIGN. IT IS THE RESPONSIBILITY OF THE A/E TO VERIFY ALL LOCAL AND STATE REFLECTIVITY AND HEALTH CODES. EIS WILL NOT BE HELD RESPONSIBLE FOR MEETING REFLECTIVITY OR HEALTH CODES.

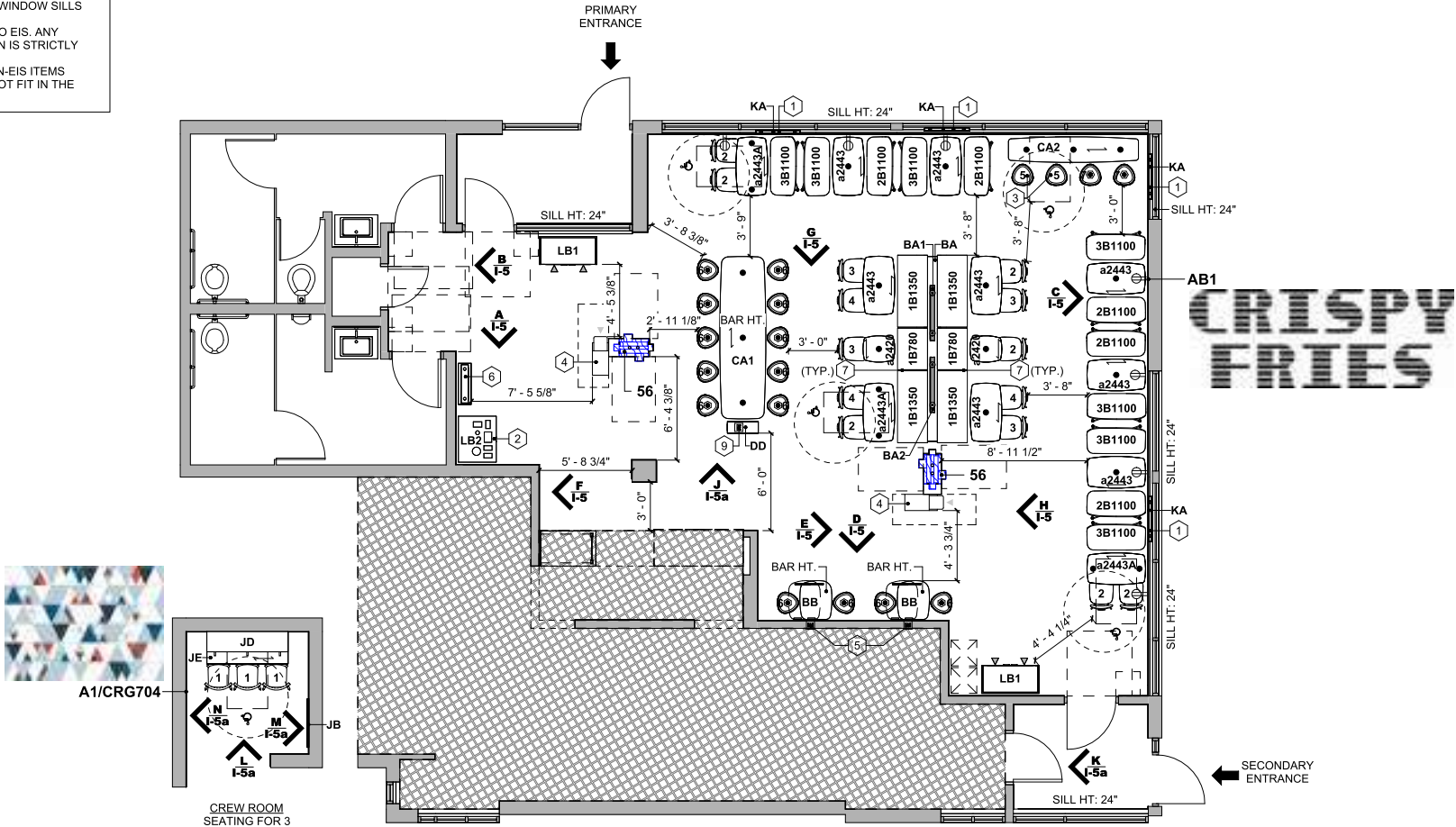
NOTES:
- DUE TO CONSTRUCTION OF THE SEATING STRUCTURES, EIS REQUIRES THAT ALL WINDOW SILLS BE FLUSH WITH THE FINISHED WALL
- THIS DRAWING SET IS PROPRIETARY TO EIS. ANY UNAUTHORIZED USE OR REPRODUCTION IS STRICTLY PROHIBITED.
- EIS WILL NOT BE HELD LIABLE FOR NON-EIS ITEMS THE CUSTOMER PURCHASED AND DO NOT FIT IN THE INTENDED SPACE.

SEATS:	66	TABLES:	29
ONES:	14		14
TWOS:	8		4
THREES:	0		0
FOURS:	44		11
FIVES & UP:	0		0
	4	5% W.C. ACCESSIBLE	
PERCENTAGE OF SEATS LOST:	11%		
EXISTING SEAT COUNT:	74		



NUMBER	NOTES
1	IT IS THE RESPONSIBILITY OF THE GC TO COORDINATE WITH THE McDONALD'S ARCHITECT TO ENSURE THERE IS 3" SILL DEPTH MINIMUM AND APPROPRIATE BLOCKING IN THE CEILING AND HEADERS PRIOR TO THE INSTALLATION OF THE WINDOW SHADES / SHUTTERS. BLOCKING ABOVE HEADER TO SUPPORT 100 lb. MINIMUM. EIS WILL NOT BE HELD ACCOUNTABLE FOR THE BLOCKING AND/OR FRAMING DETAILS.
2	FREESTANDING AMENITY STATION. CABINET BY DECOR, COMPONENTS & INSERTS BY KES.
3	FREESTANDING STOOL FOR ACCESSIBILITY. DO NOT CLIP DOWN.
4	CASH HANDLERS BY OTHERS. FINAL PLACEMENT PER USRD.
5	RECESSED ELECTRICAL BOX BY GC. SEE ELEVATION FOR HEIGHT A.F.F.
6	DIGITAL MERCHANDISER BY OTHERS. FINAL PLACEMENT PER USRD.
7	PROVIDE 3/4" GAP IN BETWEEN ALL BENT PLYWOOD BENCHES IN THIS SEATING CONFIGURATION.
9	ELECTRICAL STUB OUT BY GC.

KEYNOTE 8 OMITTED PER REV. #2



(A) FLOOR PLAN
3/16" = 1'-0"



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NOTES:
- DUE TO CONSTRUCTION OF THE SEATING STRUCTURES, EIS REQUIRES THAT ALL WINDOW SILLS BE FLUSH WITH THE FINISHED WALL.
- THIS DRAWING SET IS PROPRIETARY TO EIS. ANY UNAUTHORIZED USE OR REPRODUCTION IS STRICTLY PROHIBITED.
- EIS WILL NOT BE HELD LIABLE FOR NON-EIS ITEMS THE CUSTOMER PURCHASED AND DO NOT FIT IN THE INTENDED SPACE.

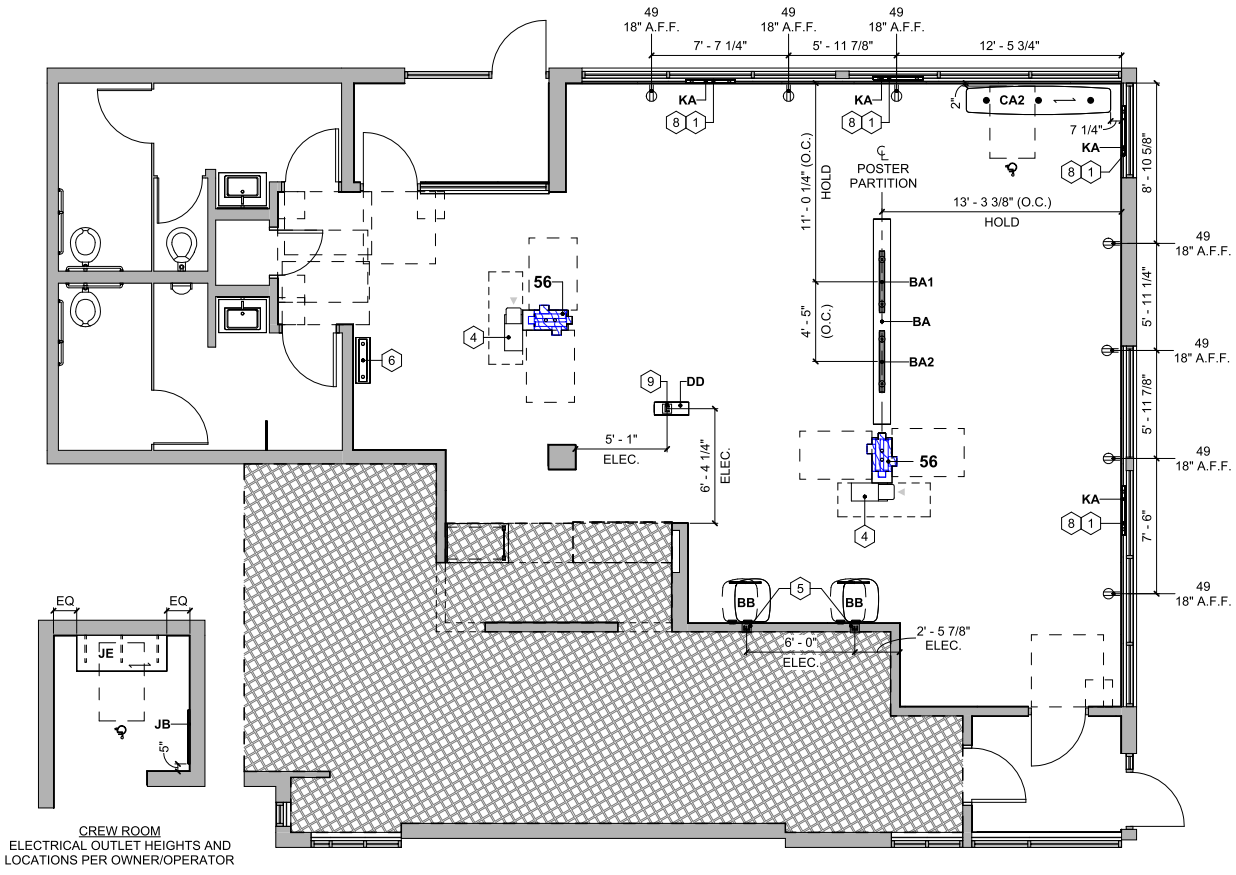
NOTES:
- BUILDING DIMS ARE PER McDONALD'S ARCHITECTURAL DRAWINGS, MUST BE VERIFIED
- G.C. TO PROVIDE TAMPER RESISTANT GFCI OUTLETS AT DESIGNATED HEIGHTS AND LOCATIONS

# - DIMENSION PLAN KEYNOTES	
NUMBER	NOTES
1	IT IS THE RESPONSIBILITY OF THE GC TO COORDINATE WITH THE McDONALD'S ARCHITECT TO ENSURE THERE IS 3" SILL DEPTH MINIMUM AND APPROPRIATE BLOCKING IN THE CEILING AND HEADERS PRIOR TO THE INSTALLATION OF THE WINDOW SHADES / SHUTTERS. BLOCKING ABOVE HEADER TO SUPPORT 100 lb. MINIMUM. EIS WILL NOT BE HELD ACCOUNTABLE FOR THE BLOCKING AND/OR FRAMING DETAILS.
8	WINDOW SHUTTER / SHADE TO BE CENTERED IN WINDOW PANE
9	ELECTRICAL STUB OUT BY GC.

FLOOR PLAN KEY

-  ELECTRICAL OUTLET
-  PER A/E DRAWINGS AND USRD BRAND REVIEW
-  ELECTRICAL BY G.C.
-  EXISTING TO BE RELOCATED

NOTES:
- SERVICE AREA DESIGN IS FOR REFERENCE ONLY AND SUBJECT TO CHANGE FROM VERSION INDICATED IN THE FOLLOWING SET. ALL PARTIES MUST REFERENCE A/E PLANS FOR FINAL SERVICE AREA DESIGN AND DETAILS.
- ALL ITEMS PREVIOUSLY STATED TO BE COORDINATED IN THE FIELD WITH APPROPRIATE CLEARANCES. G.C. TO COORDINATE ALL VERSIONS & CONFIGURATIONS WITH ACM AND/OR A/E ON THE ITEMS ABOVE AND ON ANY ADDITIONAL REQUIREMENTS PERTAINING TO THIS SITE.
- EIS IS NOT RESPONSIBLE FOR ANY COORDINATION ON THE ITEMS ABOVE, OR RESPONSIBLE FOR ANY SERVICE AREA DIRECTION OR DISCREPANCIES.
- G.C. TO VERIFY ALL DIMENSIONS IN THE FIELD AND ORDER PER ACM AND/OR A/E DIRECTION.
- SERVICE AREA CEILING FINISHES ARE PER McDONALD'S CORPORATE DESIGN. IT IS THE RESPONSIBILITY OF THE A/E TO VERIFY ALL LOCAL AND STATE REFLECTIVITY AND HEALTH CODES. EIS WILL NOT BE HELD RESPONSIBLE FOR MEETING REFLECTIVITY OR HEALTH CODES.



(A) DIMENSION PLAN
3/16" = 1'-0"



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AREA DESIGN AND DETAILS.



BIRD'S EYE VIEW
FOR REFERENCE ONLY



3646 Kings St | Alexandria, Virginia (McOpCo) | Site ID: 451012 | National Number: 20494
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3D View
I-2b

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INTERIOR VIEW I
FOR REFERENCE ONLY



INTERIOR VIEW II
FOR REFERENCE ONLY



INTERIOR VIEW III
FOR REFERENCE ONLY



INTERIOR VIEW IV
FOR REFERENCE ONLY



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WALL FINISH LEGEND

SYMBOL	TAG
	6a
	6b+9e
	6w
	6y
	6z
	10c
	10v
	20+2a



PER A/E DRAWINGS AND
USRD BRAND REVIEW

FLOOR TILE LEGEND

TAG	SYMBOL	SIZE
7a		6" x 36"
7b		24" x 12"

NOTES:

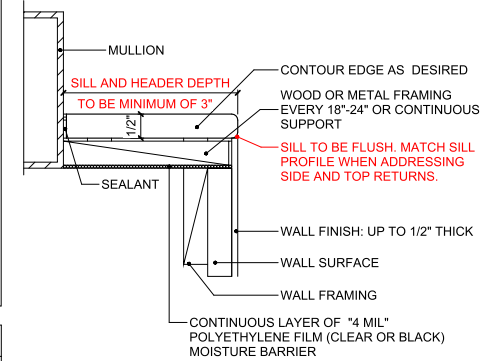
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- G.C. TO VERIFY FINAL WALL DIMENSIONS PRIOR TO ORDERING THE GRAPHICS
- THIS PLAN IS DESIGNED UTILIZING VARIOUS FINISHES. IT IS THE RESPONSIBILITY OF THE ARCHITECT TO VERIFY ALL LOCAL AND STATE REFLECTIVITY & HEALTH CODES AS THEY PERTAIN TO THE USE OF ANY MATERIAL ON ANY VERTICAL OR HORIZONTAL SURFACE. DUE TO VARYING STATE AND REGIONAL CODES, ELKAY INTERIOR SYSTEMS WILL NOT BE RESPONSIBLE FOR NOT MEETING LIGHT REFLECTIVITY & HEALTH CODES.
- DINING ROOM FLOOR TILE TO RUN UNDER FRONT SERVICE COUNTER AND SELF SERVE BEVERAGE CENTER (IF APPLICABLE), KITCHEN TILE TO START BEHIND SERVICE COUNTER.

NOTES:

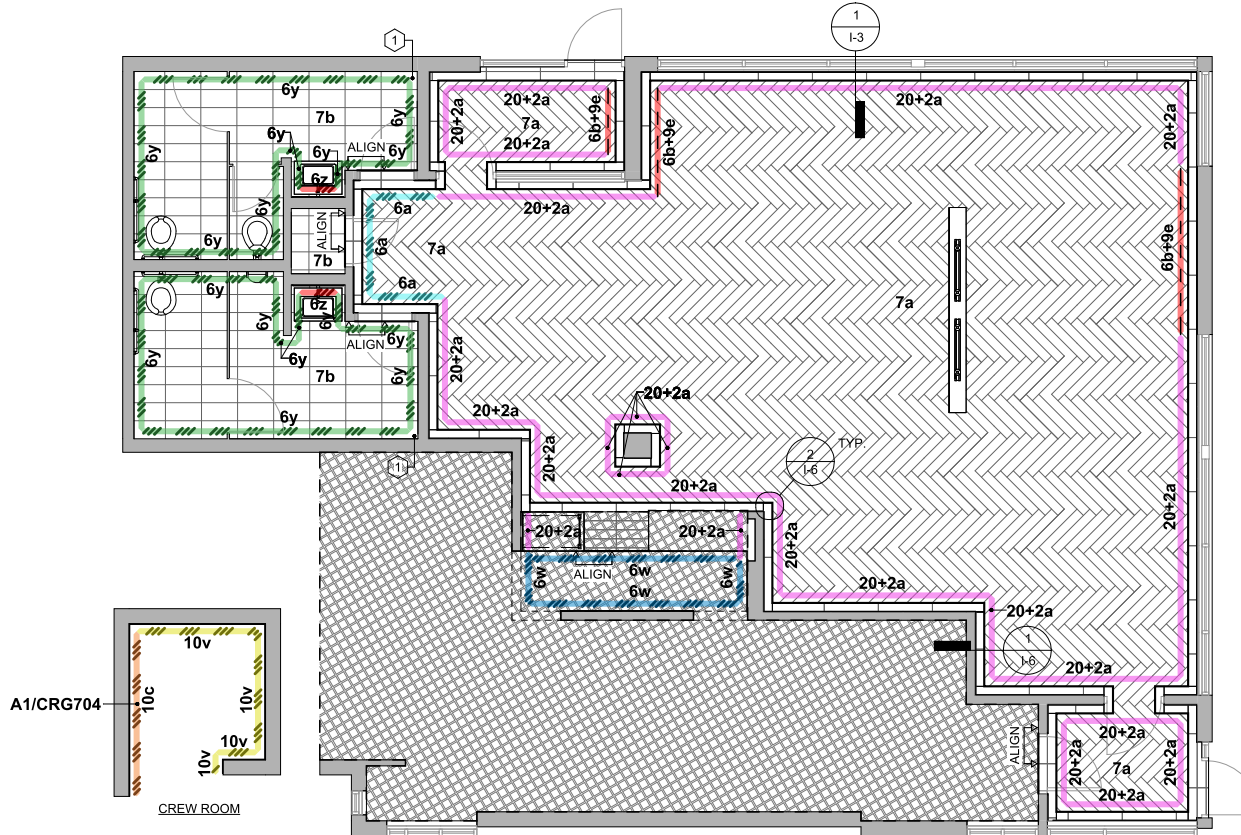
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- EIS IS NOT RESPONSIBLE FOR ANY COORDINATION ON THE ITEMS ABOVE, OR RESPONSIBLE FOR ANY SERVICE AREA DIRECTION OR DISCREPANCIES.
- G.C. TO VERIFY ALL DIMENSIONS IN THE FIELD AND ORDER PER ACM AND/OR A/E DIRECTION.
- SERVICE AREA CEILING FINISHES ARE PER McDONALD'S CORPORATE DESIGN. IT IS THE RESPONSIBILITY OF THE A/E TO VERIFY ALL LOCAL AND STATE REFLECTIVITY AND HEALTH CODES. EIS WILL NOT BE HELD RESPONSIBLE FOR MEETING REFLECTIVITY OR HEALTH CODES.

- FINISH PLAN KEYNOTES

NUMBER	NOTES
1	FIRST FULL RESTROOM FLOOR TILE TO START IN CORNER



① SOLID SURFACE FLUSH SILL SECTION
6" = 1'-0"



① FINISH PLAN
3/16" = 1'-0"



3646 Kings St | Alexandria, Virginia (McOpCo) | Site ID: 451012 | National Number: 20494
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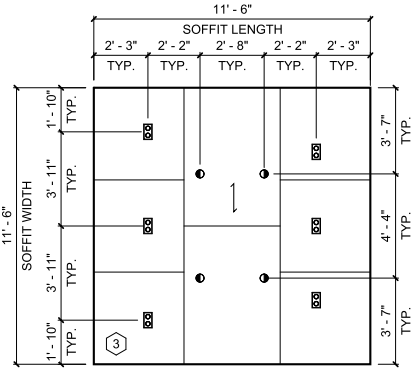
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REFLECTED CEILING PLAN KEY		
SYMBOL	DESCRIPTION	TAG
SEE LIGHTING VENDOR PLAN	AMBIENT LIGHTING	11a
	DOUBLE DIRECTIONAL SPOTLIGHT	11b
	SINGLE DIRECTIONAL SPOTLIGHT	13
	LINEAR PENDANT	14a
	ELECTRICAL AND/OR DATA FROM CEILING	
	EXISTING TO BE RELOCATED	

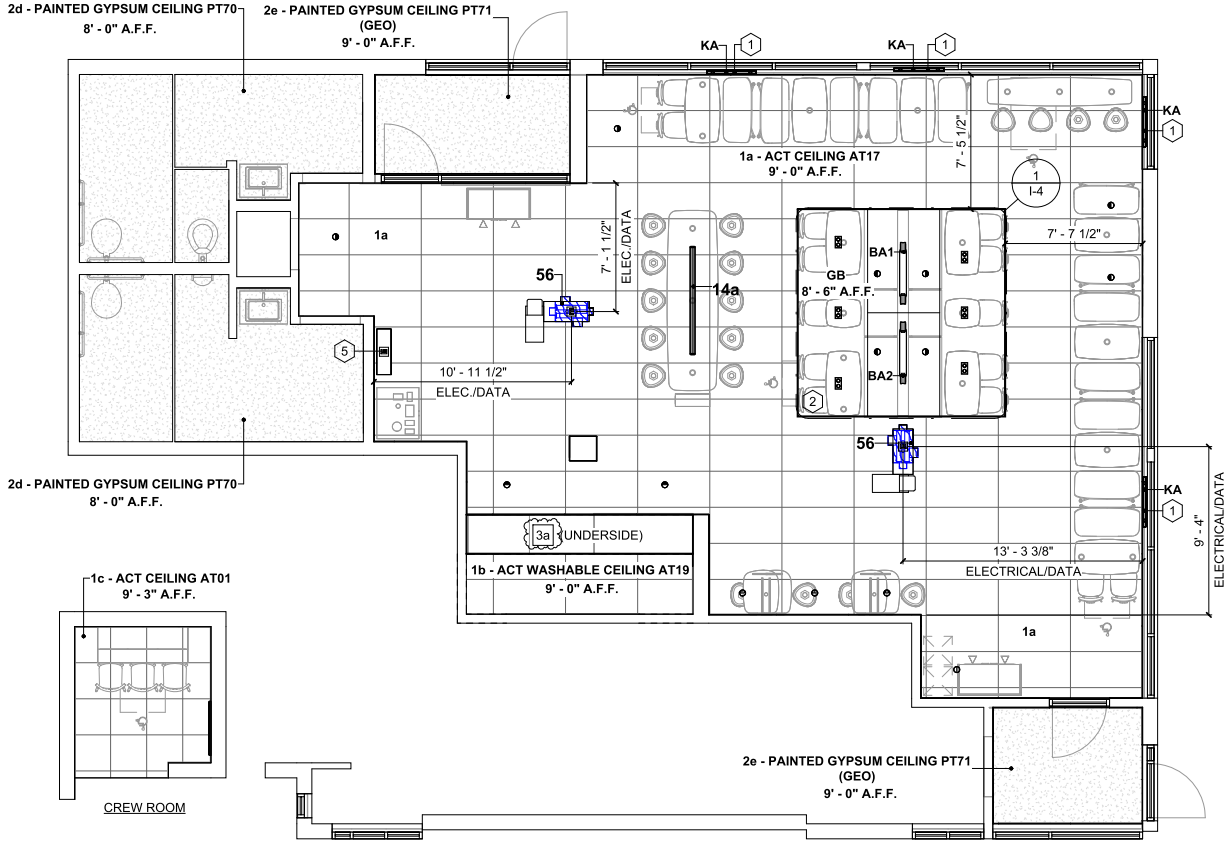
# - REFLECTED CEILING PLAN KEYNOTES	
NUMBER	NOTES
1	IT IS THE RESPONSIBILITY OF THE GC TO COORDINATE WITH THE McDONALD'S ARCHITECT TO ENSURE THERE IS 3" SILL DEPTH MINIMUM AND APPROPRIATE BLOCKING IN THE CEILING AND HEADERS PRIOR TO THE INSTALLATION OF THE WINDOW SHADES / SHUTTERS. BLOCKING ABOVE HEADER TO SUPPORT 100 lb. MINIMUM. EIS WILL NOT BE HELD ACCOUNTABLE FOR THE BLOCKING AND/OR FRAMING DETAILS.
2	GC TO PROVIDE AND INSTALL ALL LIGHTING. LIGHTING CUT OUTS TO BE A MINIMUM 8" AWAY FROM LAMINATE SEAMS FOR INSTALLATION.
3	DO NOT PLACE AMBIENT LIGHTING ABOVE CEILING MOUNTED SOFFIT.
5	DIGITAL MERCHANDISER BY OTHERS. FINAL PLACEMENT PER USRD.

KEYNOTE 8 OMITTED PER REV. #2

NOTES:
- G.C. IS RESPONSIBLE FOR PROVIDING AND INSTALLING ALL LIGHT FIXTURES, ENGINES AND BULBS
- G.C. TO CONTACT McDONALD'S CONSTRUCTION ENGINEER FOR THE FINAL HVAC PLACEMENT
- ALL ELECTRICAL FIXTURES, WIRING, & INSTALLATIONS TO BE UL APPROVED
- G.C. TO CENTER PENDANTS OVER TABLE TOPS, AFTER TABLES HAVE BEEN PERMANENTLY INSTALLED
- CEILING HEIGHTS BASED ON ARCHITECTURAL DRAWINGS. G.C. TO CONTACT EIS IMMEDIATELY IF CEILING HEIGHTS ARE MISREPRESENTED OR HAVE CHANGED DUE TO SITE CONDITIONS. IN THE EVENT THAT EIS IS NOT NOTIFIED OF CEILING HEIGHT DISCREPANCIES AND PRODUCT IS REQUIRED TO BE MODIFIED ON SITE, EIS RESERVES THE RIGHT TO BILL FOR EXTRA COSTS INCURRED.
- PLEASE REFER TO LIGHTING VENDOR PLAN FOR GENERAL LIGHTING LAYOUT. THIS PLAN SHOWS ONLY SUGGESTED PENDANT LIGHT LOCATIONS AND SOFFITS (IF APPLICABLE) BY EIS. EIS WILL NOT BE HELD LIABLE FOR ADDITIONAL COSTS DUE TO ADJUSTMENTS TO LIGHTING QUANTITIES OR LOCATIONS FOR PERSONAL PREFERENCE. OR LOCAL CODES.
- DO NOT PLACE AMBIENT LIGHTING ABOVE FULL HEIGHT DECOR ELEMENTS OR DECOR PROVIDED CEILING ELEMENTS.
- HVAC AND SPRINKLER LOCATIONS ARE THE RESPONSIBILITY OF THE ARCHITECT AND/OR GC. GC TO REVIEW ALL DECOR, PENDANTS AND CEILING TRANSITIONS THAT INTERACT WITH THE CEILING AND COORDINATE WITH McDONALD'S MECHANICAL ENGINEER TO RELOCATE HVAC AND SPRINKLERS AS NEEDED.
- THIS PLAN IS DESIGNED UTILIZING CEILING FINISHES PER McDONALD'S CORPORATE DESIGN. IT IS THE RESPONSIBILITY OF THE A/E TO VERIFY ALL LOCAL AND STATE REFLECTIVITY CODES. EIS WILL NOT BE RESPONSIBLE FOR MEETING REFLECTIVITY CODES.



1 GB - BOX SOFFIT
1/4" = 1'-0"



A REFLECTED CEILING PLAN
3/16" = 1'-0"



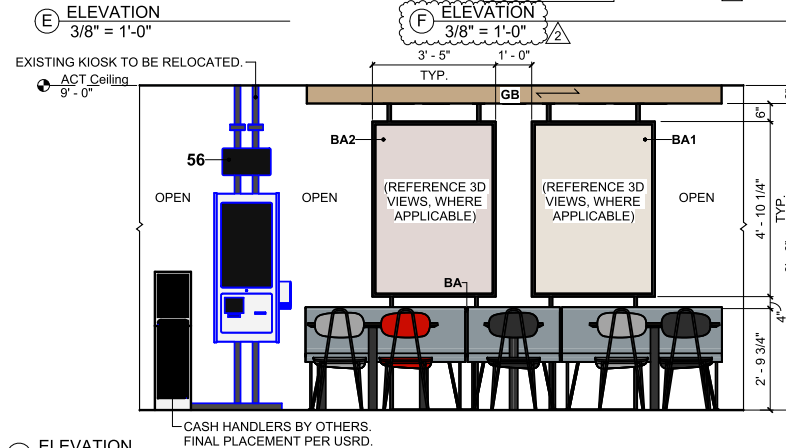
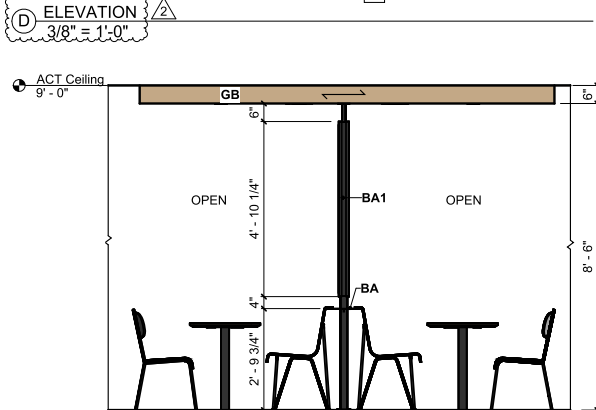
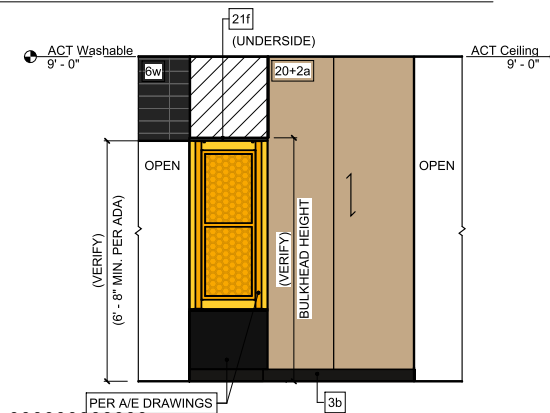
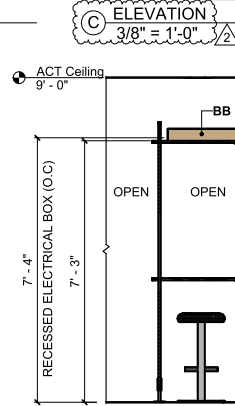
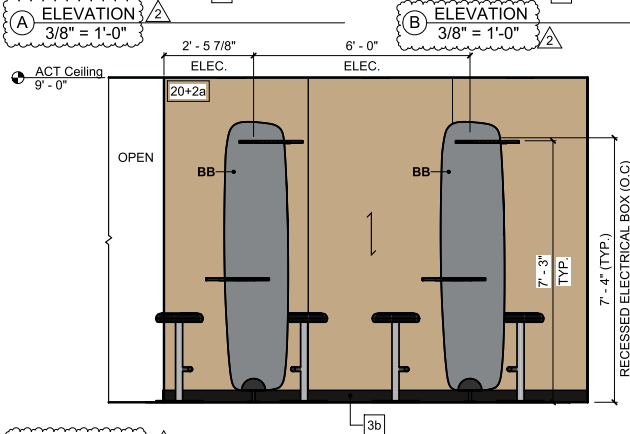
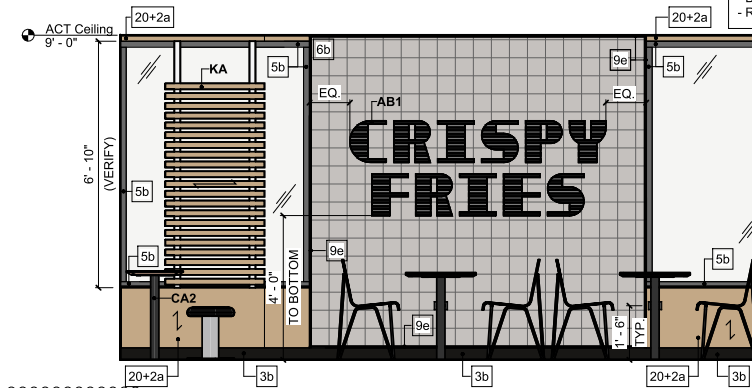
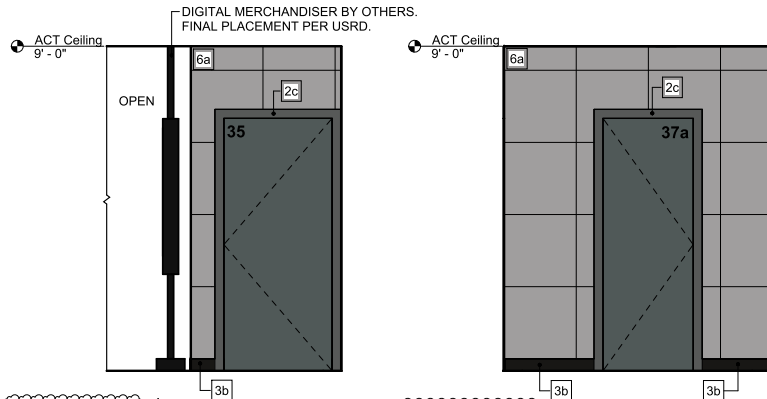
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Reflected Ceiling Plan

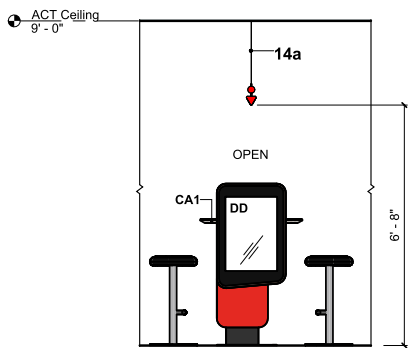
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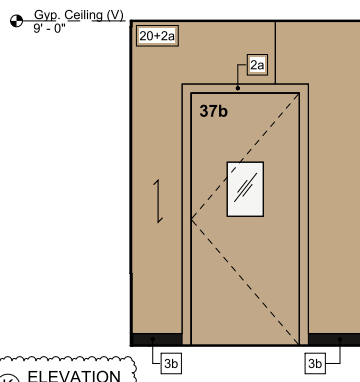
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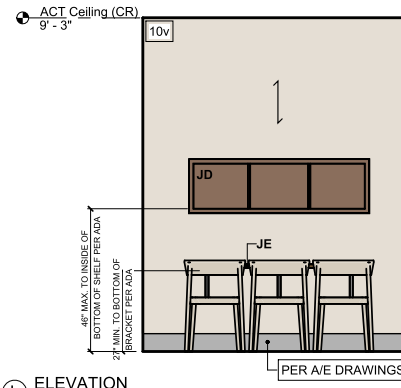




J ELEVATION
3/8" = 1'-0"

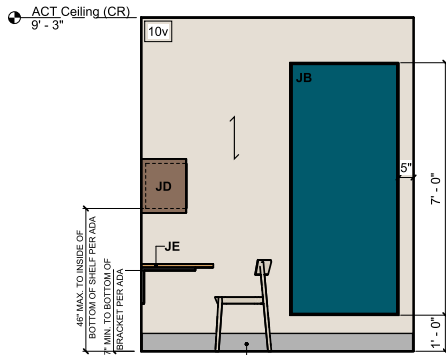


K ELEVATION
3/8" = 1'-0"

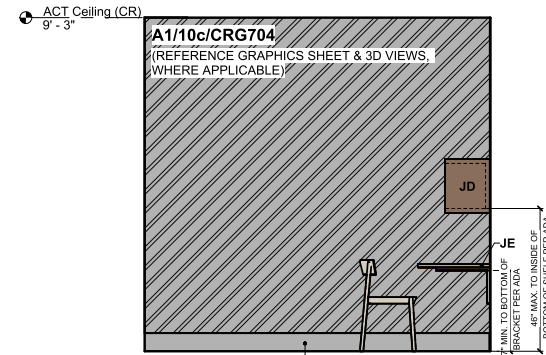


L ELEVATION
3/8" = 1'-0"

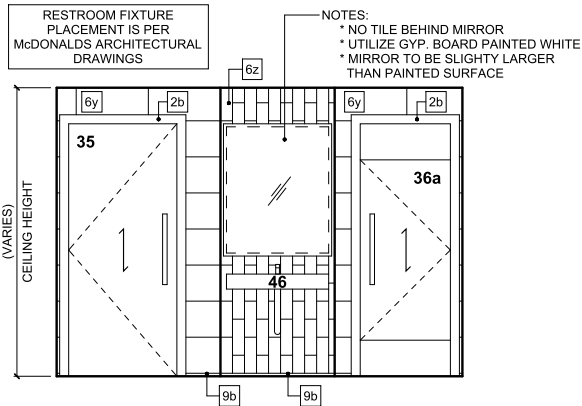
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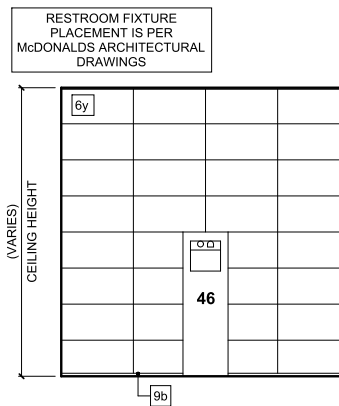
M ELEVATION
3/8" = 1'-0"



N ELEVATION
3/8" = 1'-0"

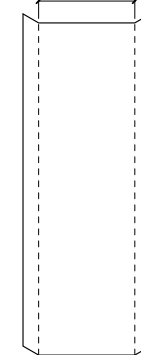


TYPICAL RESTROOM ELEVATION (NOT FOR LAYOUT OR FIXTURE PLACEMENT)
FOR REPRESENTATION ONLY



TYPICAL RESTROOM FULL HEIGHT TILE ELEVATION (NOT FOR LAYOUT OR FIXTURE PLACEMENT)
FOR REPRESENTATION ONLY

APPROX. DIMENSION TO BE VERIFIED BY G.C.



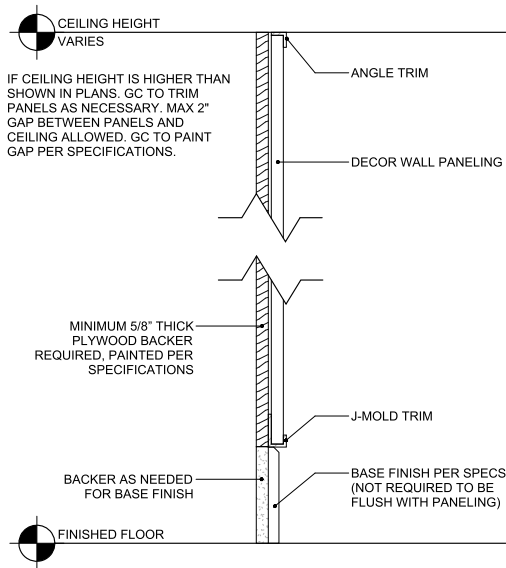
WALL GRAPHIC DETAIL
NOTE: GRAPHIC IMAGE WIDTH SHOULD INCLUDE ALLOWANCE ON BOTH LEFT AND RIGHT SIDE TO WRAP AROUND WALL TO THE WINDOW MULLION.



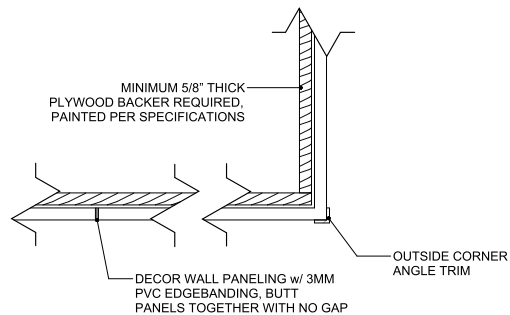
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① DECOR PANELS - VERTICAL SECTION
3" = 1'-0"



② DECOR PANELS - CORNER VIEW
3" = 1'-0"

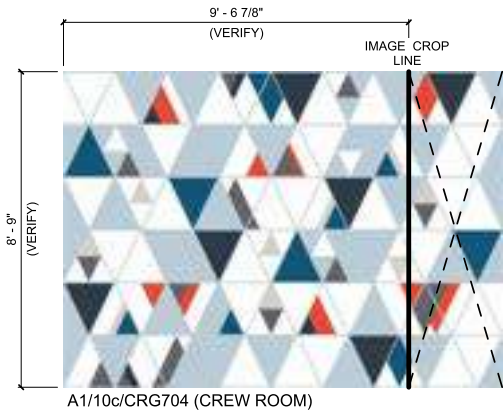
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ITEMS SUPPLIED BY ELKAY INTERIOR SYSTEMS

Seating Schedule

Tag	Count	Part Number	Model	Seat Finish	Back Finish	Support Finish	Foot Rail Finish	Comments
Banquettes								
1B780	2	ABP-544-031-003	Bent Plywood Bench 780mm	LMXX - Lamitech, 2193 MT Mouse	LMXX - Lamitech, 2193 MT Mouse	MT17 - Per Vendor, Ford Black Matte Powdercoat	--	No Seat Pad. Product is designed to be mechanically clipped down to the floor. Failure to do so will result in a voided warranty on this product.
1B1350	4	ABP-544-054-003	Bent Plywood Bench 1350mm	LMXX - Lamitech, 2193 MT Mouse	LMXX - Lamitech, 2193 MT Mouse	MT17 - Per Vendor, Ford Black Matte Powdercoat	--	No Seat Pad. Product is designed to be mechanically clipped down to the floor. Failure to do so will result in a voided warranty on this product.
2B1100	5	ACB-554-044-004	Contour Bench 1100mm	LMXX - Lamitech, Printed Black Geometric Graphic Pattern	LMXX - Lamitech, Printed Black Geometric Graphic Pattern	MT17 - Per Vendor, Ford Black Matte Powdercoat	--	No Seat Pad. Product is designed to be mechanically clipped down to the floor. Failure to do so will result in a voided warranty on this product.
3B1100	7	ACB-554-044-005	Contour Bench 1100mm	LMXX - Lamitech, 2300 MT Tomato	LMXX - Lamitech, 2300 MT Tomato	MT17 - Per Vendor, Ford Black Matte Powdercoat	--	No Seat Pad. Product is designed to be mechanically clipped down to the floor. Failure to do so will result in a voided warranty on this product.
Chairs								
1	3	80-10-1501	Calligaris Skin Chair	PPXX - Calligaris, P151 Hemp	PPXX - Calligaris, P151 Hemp	PPXX - Calligaris, P151 Hemp	--	--
2	7	80-10-1414	Geometry Chair	LMXX - Lamitech, Printed Black Geometric Graphic Pattern	LMXX - Lamitech, Printed Black Geometric Graphic Pattern	MT17 - Per Vendor, Ford Black Matte Powdercoat	--	--
3	4	80-10-1413	Geometry Chair	LMXX - Lamitech, Printed White Geometric Graphic Pattern	LMXX - Lamitech, Printed White Geometric Graphic Pattern	MT17 - Per Vendor, Ford Black Matte Powdercoat	--	--
4	3	80-10-1415	Geometry Chair	LMXX - Lamitech, 2300 MT Tomato	LMXX - Lamitech, 2300 MT Tomato	MT17 - Per Vendor, Ford Black Matte Powdercoat	--	--
Stools								
5	2	SAL3S-102	Geometry Low Stool - Freestanding	U28 - Evolve, Peppercorn	--	MTXX - RAL, White LED RAL9003/Geometric Print Low	MT17 - Per Vendor, Ford Black Matte Powdercoat	Foot Rail Finish Refers To Base Finish
6	14	SAH4B-R-102	Geometry High Stool - Fixed	U28 - Evolve, Peppercorn	--	MTXX - RAL, White LED RAL9003/Geometric Print High	MT17 - Per Vendor, Ford Black Matte Powdercoat	Bar Height. Foot Rail Finish Refers to Base Finish.
7	2	SAL4S-102	Geometry Low Stool - Clipped-Down	U28 - Evolve, Peppercorn	--	MTXX - RAL, White LED RAL9003/Geometric Print Low	MT17 - Per Vendor, Ford Black Matte Powdercoat	Foot Rail Finish Refers To Base Finish

EXTRA CHAIR GLIDES: YES

Table Tops - Rectangular

Tag	Count	Table Top Part Number	Support Part Number	ADA Accessible	Top Finish	Edge Finish	Support Finish	Edge Radius	Comments
a2420	2	TT06-2024-YA209	S-S993	No	LMXX - Lamitech, 1557-PR Season Ash (Vertical)	EBXX - Birch Plywood Reverse Bevel Edge with Rehau (Doellken Multiplex match)	MT17 - Per Vendor, Ford Black Matte Powdercoat	0' - 2"	--
a2443	8	TT06-2443-YA209	S-S993	No	LMXX - Lamitech, 1557-PR Season Ash	EBXX - Birch Plywood Reverse Bevel Edge with Rehau (Doellken Multiplex match)	MT17 - Per Vendor, Ford Black Matte Powdercoat	0' - 2"	--
a2443A	3	TT06-2443A-YA209	S-S996 Double	Yes	LMXX - Lamitech, 1557-PR Season Ash	EBXX - Birch Plywood Reverse Bevel Edge with Rehau (Doellken Multiplex match)	MT17 - Per Vendor, Ford Black Matte Powdercoat	0' - 2"	--

A - Graphics

Tag	Type	Comments
A1	CRG704	Sizes Vary, See Graphics Page For Details

AB - Artwork

Tag	Count	Part Number	Description	Comments
AB1	1	SG-G11-V	Secondary Art G11 - "Crispy Fries" 12mm Black Celtec Individual Letters on 3mm Light Grey Celtec and Installation Template, Horizontal or Vertical Install per Plan Set	Secondary Artwork

BA - Partition

Tag	Count	Part Number	Description	Height	Length	Panel Finish	Frame Finish	Comments
BA	1	DDW-PPFP-12M1	1350/780/1350 Finishing Plate Medium Frame 12" Gap	2' - 8 3/4"	11' - 4 1/2"	--	MT17 - Per Vendor, Ford Black Matte Powdercoat	--
BA1	1	DDW-PPBB4MA-002	Medium Frame Clipped F13F16	4' - 10 1/4"	3' - 5"	MT17 - Per Vendor, Ford Black Matte Powdercoat	MT17 - Per Vendor, Ford Black Matte Powdercoat	--
BA2	1	DDW-PPBB4MB-002	Medium Frame Clipped F14F15	4' - 10 1/4"	3' - 5"	MT17 - Per Vendor, Ford Black Matte Powdercoat	MT17 - Per Vendor, Ford Black Matte Powdercoat	--

BB - Partition w/ Half Wall

Tag	Count	Part Number	Description	Height	Depth	Length	Panel Finish	Panel Finish	Frame Finish	Base Finish	Top Cap Finish	Fixture Note	Comments
BB	2	DDW-SU2-006	Stand Up Partition - 2 Top	3' - 5 5/16"	2' - 8 1/16"	4' - 10 15/32"	LMXX - Lamitech, 1557-PR Season Ash	LMXX - Formica, 928-58, Mouse	MT27 - S&D Supplier, 9005 Mat Black	MT27 - S&D Supplier, 9005 Mat Black	LMXX - Lamitech, 1557-PR Season Ash	LED Recessed Light Fixture - Aimable 50 Watt Equivalent - Warm 3000K	GC to supply electrical for lights from wall at 88" A.F.F.

CA - Community Table & Eating Counter

Tag	Count	Part Number	Support Part Number	Description	ADA Accessible	Depth	Length	Edge Radius	Top Finish	Support Finish	Edge Finish
CA1	1	TBCM01-34120-YA209	S-S994 Triple	Communal Table	No	2' - 10"	10' - 0"	0' - 5"	LMXX - Lamitech, 1557-PR Season Ash	MT17 - Per Vendor, Ford Black Matte Powdercoat	EBXX - Birch Plywood Reverse Bevel Edge with Rehau (Doellken Multiplex match)
CA2	1	ECT01-19096A-YA209	S-S993 Triple	Eating Counter	Yes	1' - 7"	8' - 0"	0' - 2"	LMXX - Lamitech, 1557-PR Season Ash	MT17 - Per Vendor, Ford Black Matte Powdercoat	EBXX - Birch Plywood Reverse Bevel Edge with Rehau (Doellken Multiplex match)

DD - Happy Meal Merchandiser

Tag	Count	Part Number	Description	Support Finish	Unit Base Finish	Outside Unit Finish	Inside Unit Finish	Unit Face Finish	Glass Finish	Edge Finish	Comments
DD	1	DHMM-FM-001	HMM Floor Mounted Unit	MT17 - Per Vendor, Ford Black Matte Powdercoat	MTXX - Per Vendor, Powdercoat to match Lamitech 2238 MT Red Pepper	LM75 - Lamitech, 2316 MT Golden	Black Melamine	Black Vinyl	Clear	EB14 - Exposed Birch Plywood Edge	Electrical from floor, by GC

GB - Box Soffit

Tag	Count	Part Number	Description	Unit Finish	Comments
GB	1	DSFAB-XXXX-003	Box Soffit	LMXX - Lamitech, 1557-PR Season Ash	Length, Width, Thickness per RCP and Elevations. Soffit provided by EIS, GC is responsible for cutting openings and installing lights. Reference RCP callout for light locations.



3646 Kings St | Alexandria, Virginia (McOpCo) | Site ID: 451012 | National Number: 20494
RMM: Sara Ebel | PM: Alexandria Crawford | Design: Valerie Hamilton / CT | CAD: KD, KS | Job #: 117656 | Portfolio: Geometry

REV	DATE	BY	DESCRIPTION
	03/06/24	KD/CT	Permit Set Created; Kiosk Approval (03/01/24); Perimeter Received: (1/16/24)
1	04/08/24	VH	Bid Set Created; Designer Updated, Soffit Updated
2	08/06/24	VH/CS	Final Set Created, Project Manager Contact Updated, Laminate Tags Updated



EIS Specifications

ITEMS SUPPLIED BY ELKAY INTERIOR SYSTEMS

JB - Information Corkboard

Tag	Count	Part Number	Description	Panel Finish	Corner Bead	Comments
JB	1	DIB-0005-KIT	Information Corkboard	PTXX - Sherwin Williams, SW6496 Oceanside	MT07 - Per Vendor, Aluminum Corner Bead	--

JD - Crew Room Upper Cabinets

Tag	Count	Part Number	Description	Face Finish	Edge Finish	Comments
JD	1	LCCB-60-Y208	Crew Room Upper Cabinets	LMXX - Lamitech, 1832-MT Noce Caffè Latte	EB01 - Rehau, 309423-014/592E (Doelliken MultipleX match)	Must maintain maximum 46" A.F.F. to inside of bottom shelf per ADA.

JE - Crew Room Learning Center Desk

Tag	Count	Part Number	ADA Accessible	Top Finish	Edge Finish	Support Finish	Length	Thickness	Edge Radius	Comments
JE	1	LCD-2460-Y208	Yes	LMXX - Lamitech, 1832-MT Noce Caffè Latte	EB01 - Rehau, 309423-014/592E (Doelliken MultipleX match)	MT02 - Per Vendor, Powdercoat 9911-01007-1 Nearly Chrome	5' - 0"	0" - 1 1/8"	0" - 0 1/8"	Must maintain 27" minimum to bottom of bracket and 28"-34" to top of desk A.F.F. per ADA

KA - Window Shutter

Tag	Count	Part Number	Description	Height (Verify)	Length	Frame Finish	Unit Finish	Accent Finish	Comments
KA	4	DWS-GEC-001	Window Shutter - Sill Mounted	6' - 10"	2' - 9"	MT29 - RAL, Aluminum Window Screen Structure	LMXX - Lamitech, 1557-PR Season Ash	EB14 - Exposed Birch Plywood Edge	GC to verify window dimensions prior to production. See Elevations for Details. Top track to be cut on site to fit window. Shutter height to be trimmed on site per install instructions.

LB - Freestanding Waste Receptacles / Amenity Station

Tag	Count	Part Number	Style	Top / Trayslide Finish	Hardware	Edge Finish	Unit Finish	Door Finish	Base Finish	Comments
LB1	2	TUB20-1N-155	Double Waste - Dark	SS14 - Dupont, Corian, Cameo White	--	EBXX - S&D Supplier, to match Lamitech, 2192 MT Graphite K	LMXX - Lamitech, 2192 MT Graphite K	LMXX - Lamitech, 2192 MT Graphite K	MTXX - S&D Supplier, RAL 9006 White Aluminum Semi Gloss Powdercoat	--
LB2	1	MCDPAS-201	Amenity Station - Freestanding	SS14 - Dupont, Corian, Cameo White	Stainless Steel	EBXX - S&D Supplier, to match Lamitech, 2192 MT Graphite K	LMXX - Lamitech, 2192 MT Graphite K	LMXX - Lamitech, 2192 MT Graphite K	MTXX - S&D Supplier, RAL 9003 White Aluminum Powdercoat	Components and inserts by KES



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RMM: Sara Ebel | PM: Alexandria Crawford | Design: Valerie Hamilton / CT | CAD: KD, KS | Job #: 117656 | Portfolio: Geometry

REV	DATE	BY	DESCRIPTION
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1	04/08/24	VH	Bid Set Created; Designer Updated, Soffit Updated
2	08/06/24	VH/CS	Final Set Created, Project Manager Contact Updated, Laminate Tags Updated



G.C. NOTES:
- G.C. IS RESPONSIBLE FOR REVIEWING ALL SPECIFICATIONS AND COMMENTS FOR ITEMS SUPPLIED BY ELKAY INTERIOR SYSTEMS
- G.C. TO REQUEST McDONALD'S NEGOTIATED PRICING FOR TURN KEY PROJECTS WHEN PURCHASING MATERIALS FROM VENDORS LISTED BELOW

ITEMS BY OWNER / GENERAL CONTRACTOR

GC Material Finishes



TILE NOTES:

BEFORE FINAL INSPECTION, REMOVE PROTECTIVE COVERINGS AND PERFORM FINAL CLEANING; REFER TO McDONALDS ACCESS McD WEBSITE FOR THE MOST UP TO DATE LIST OF APPROVED CLEANING PRODUCTS AND INSTRUCTIONS;
APPLY CLEANER PER MANUFACTURER'S WRITTEN INSTRUCTIONS; POST CONSTRUCTION CLEANING IS REQUIRED ON ALL TILE INSTALLATIONS PRIOR TO RESTAURANT TURN OVER; REFERENCE: McDONALDS PROJECT MANUAL - SECTION TILING INTERIOR

Tag	Description	Finish	Size	Contact	Grout	Grout Contact	Vent Color	Ceiling Grid	Comments
Ceiling									
1a	ACT Ceiling	AT17 - Acoustical Surfaces, 5/8" Wood Wool custom painted ceiling tile, 24"x48", pre-finished to match PT71 - Benjamin Moore, AF-555 Montpelier	24" x 48"	Mike Mohs, C: 800-913-9395, E: mike@acousticalsurfaces.com / USG, Local Distributor. For urgent needs, contact John Funes, USG National Account Representative C: 312-401-6579, E: jfunes@usg.com	--	--	PT71 - Benjamin Moore, AF-555 Montpelier	Grid - USG, DX/DXL 15/16" Exposed Tee Painted To Match Benjamin Moore AF-555 Montpelier	4 week lead time for ceiling tiles, 5 week lead time for ceiling grid. Ceiling tiles to be pre-finished by manufacturer. If pre-finished grid is not available, GC to paint in field with Benjamin Moore, AF-555 Montpelier
1b	ACT Washable Ceiling	AT19 - USG, Premier Hi-Lite ClimaPlus Kapok 7057G.205 Washable Vinyl Unperforated Flat Black 205	24" x 48"	USG, Local Distributor. For urgent needs, contact John Funes, USG National Account Representative C: 312-401-6579, E: jfunes@usg.com	--	--	PT51 - Benjamin Moore, 2119-10 Space Black (Satin)	Grid - DX/DXL 15/16" Square Lay-In	GC to verify that LRV materials are NOT required.
1c	ACT Ceiling	AT01 - USG, Olympic Micro Clima-Plus Tegular Edge White	24" x 24"	USG, Local Distributor. For urgent needs, contact John Funes, USG National Account Representative C: 312-401-6579, E: jfunes@usg.com	--	--	PT46 - Benjamin Moore, AF-15 Steam (Satin)	Grid - USG, DX/DXL 15/16" Exposed Tee White	Minimum 4-6 week lead time for ceiling tiles and ceiling grid.
Laminate									
3a	Underside of Bulkhead	LMXX - Lamitech, 2192 MT Graphite K	--	Mark Hanson, mark@decotonesurfaces.com, Nick Marciano, nick@decotonesurfaces.com, Stephanie De Marco, stephanie@decotonesurfaces.com; 908-301-0600	--	--	--	--	4 week lead time. GC to verify that LRV materials are NOT required.
3b	Main Floor Base Laminate	LMXX - Lamitech, 2110 MT Cinder, Compact	--	Mark Hanson, mark@decotonesurfaces.com, Nick Marciano, nick@decotonesurfaces.com, Stephanie De Marco, stephanie@decotonesurfaces.com; 908-301-0600	--	--	--	--	4 week lead time. Installer and/or GC to seal any compact laminate base, decor or wall base, with dark grey silicone.
Paint									
2a	Door / Door Frames /Painted Plywood Backer for Decor Wall Panels	PTXX - Benjamin Moore, 1076 Capilano Bridge	--	Benjamin Moore, Local Distributor	--	--	--	--	--
2b	Door Frames	PT06 - Benjamin Moore, 2134-30 Iron Mountain (Semi-Gloss)	--	Benjamin Moore, Local Distributor	--	--	--	--	--
2c	Door Frames	PT72 - Benjamin Moore, 2121-10 Gray	--	Benjamin Moore, Local Distributor	--	--	--	--	--
2d	Painted Gypsum Ceiling	PT70 - Benjamin Moore, OC-17 White Dove	--	Benjamin Moore, Local Distributor	--	--	To Match Ceiling Finish	--	--
2e	Painted Gypsum Ceiling	PT71 - Benjamin Moore, AF-555 Montpelier	--	Benjamin Moore, Local Distributor	--	--	To Match Ceiling Finish	--	--
Signage									
55a	Restroom Signage	Restroom Signage	--	Franke S2K: 800.423.5247, fs-frankesupply.us@franke.com	--	--	--	--	GC is responsible for ordering the correct signage per state and municipality codes.
Solid Surface									
5b	Window Sill (Silver Frames) / Header / Returns	SS15 - Dupont, Corian, Deep Cloud	--	Erin Fairfield, erin.michelle.fairfield@dupont.com, 612.499.4875	--	--	--	--	GC to apply to all window sills, headers, and returns.
5b	Window Sill (Black/Bronze Frames) / Header / Returns	SS18 - Dupont, Corian, Deep Nocturne	--	Erin Fairfield, erin.michelle.fairfield@dupont.com, 612.499.4875	--	--	--	--	GC to apply to all window sills, headers, and returns.
Tile									
6a	Wall Tile	TLXX - Crossville, SMKA/12424UPS, Kaleidoscope	24" x 24"	Toni Hale, E: thale@crossvilleinc.com, P: 931.456.3997	GTXX - Mapei, Ultracolor Plus FA, Timberwolf 104	Mapei 800.426.2734	--	--	Minimum 2-4 week lead time. Maximum 1/16" grout joint. Stack Bond.
6b	Wall Tile	TL80 - Eurowest, Basic Warm White, Glossy (Stacked)	6" x 6"	MCD Customer Service at mcd@eurowest.com / 714.224.5800	GT08 - Mapei, Ultracolor Plus FA, Black 10	Mapei 800.426.2734	--	--	Minimum 2-4 week lead time. Maximum 1/16" grout joint. Horizontal Stack Bond.
6w	Wall Tile	TL106 - Eurowest, Noir	4" x 12"	MCD Customer Service at mcd@eurowest.com / 714.224.5800	GT02 - Mapei, Ultracolor Plus FA, Charcoal 47	Mapei 800.426.2734	--	--	Minimum 2-4 week lead time. Maximum 1/16" grout joint. Horizontal Stack Bond. GC to verify that LRV materials are NOT required.
6y	Wall Tile	TL16 - Eurowest, Architect Factory	12" x 24"	MCD Customer Service at mcd@eurowest.com / 714.224.5800	GT02 - Mapei, Ultracolor Plus FA, Charcoal 47	Mapei 800.426.2734	--	--	Minimum 2-4 week lead time. Maximum 1/16" grout joint. Horizontal Stack Bond. GC to verify that LRV materials are NOT required.
6z	Wall Tile	TLXX - Eurowest, Shelter Bianco Matte	4" x 12"	MCD Customer Service at mcd@eurowest.com / 714.224.5800	GT02 - Mapei, Ultracolor Plus FA, Charcoal 47	Mapei 800.426.2734	--	--	Minimum 2-4 week lead time. Maximum 1/16" grout joint. Vertical Running Bond.
7a	Main Floor Tile	TLXX - Eurowest, Quiet Numb	6" x 36"	MCD Customer Service at mcd@eurowest.com / 714.224.5800	GT02 - Mapei, Ultracolor Plus FA, Charcoal 47	Mapei 800.426.2734	--	--	Minimum 2-4 week lead time. Maximum 1/16" grout joint.
7b	Floor Tile	TL79 - Eurowest, New Ground Anthracite	12" x 24"	MCD Customer Service at mcd@eurowest.com / 714.224.5800	GT02 - Mapei, Ultracolor Plus FA, Charcoal 47	Mapei 800.426.2734	--	--	Minimum 2-4 week lead time. Maximum 1/16" grout joint.
Trim									
9b	Restroom Floor Cove Base Trim	TR02 - Schluter Systems, DILEX-AHK-1S-125-AE Satin Anodized Aluminum	--	Earl Maicus 800.267.0817 ext. 3410	--	--	--	--	GC is responsible for ordering all necessary connectors and inside/outside trims for installation
9c	Restroom Corner Guard/Trim	TR03 - Schluter Systems, RONDEC-AE Satin Anodized Aluminum	--	Earl Maicus 800.267.0817 ext. 3410	--	--	--	--	GC is responsible for ordering all necessary connectors and inside/outside trims for installation
9e	Main Tile Trim	TR04 - Schluter Systems, Quadec Trim/Matte Black Q125MGS	--	Earl Maicus 800.267.0817 ext. 3410	--	--	--	--	GC is responsible for ordering all necessary connectors and inside/outside trims for installation
9f	Main Dining / Service Area Corner Guard/Trim	TR07 - Schluter Systems, Quadec Trim / Tuscan Pewter Q80TSG	--	Earl Maicus 800.267.0817 ext. 3410	--	--	--	--	GC is responsible for ordering all necessary connectors and inside/outside trims for installation. To be used with main dining tile but not to be used with TL80 Warm White Tile.
Wallcovering									
10c	Wallcovering	Varies, See Graphics Page	--	ASA: Ann Bowen, 865.330.7337 or ann.bowen@vomela.com GFX: Rick Formanski, 800.603.8478 or mcdonaldsdecor@gfxi.com	--	--	--	--	Minimum 6 week lead time. GC to take into consideration the additional lead times and cost incurred when ordering micro vented wallcoverings. GC to order and install all necessary connectors, trims, and corner guards for all exposed corners, using the adequate adhesive.
10v	Wallcovering	WCXX - DL Couch, NA-17-MC196 / BX4336 Trunk Show, Light Grain	--	Mollie Burdette, mburdette@momtex.com, 800.366.6839	--	--	--	--	Minimum 2-week lead-time for material and 2-week lead-time for Perforation. GC to take into consideration additional lead times and cost incurred when ordering micro vented wall coverings. GC to order and install all necessary connectors, trims, and corner guards for all exposed corners, using the adequate adhesive.



3646 Kings St | Alexandria, Virginia (McOpCo) | Site ID: 451012 | National Number: 20494
RMM: Sara Ebel | PM: Alexandria Crawford | Design: Valerie Hamilton / CT | CAD: KD, KS | Job #: 117656 | Portfolio: Geometry

REV	DATE	BY	DESCRIPTION
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1	04/08/24	VH	Bid Set Created; Designer Updated, Soffit Updated
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G.C. NOTES:
- G.C. IS RESPONSIBLE FOR REVIEWING ALL SPECIFICATIONS AND COMMENTS FOR ITEMS SUPPLIED BY ELKAY INTERIOR SYSTEMS
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ITEMS BY OWNER / GENERAL CONTRACTOR

11, 13 & 14 - Lighting Fixtures

Tag	Description	Lighting Code	Contact	Comments
11a	Ambient Lighting	LXX - Security Lighting, 4" LED Recessed Downlight, Silver Trim - Part # RDA-136LM30-FL-S/RDA-136-H	Security Lighting, slorders@currentlighting.com	Per Security Lighting Specifications. 2-4 week lead time.
11b	Double Directional Spotlight	LXX - Security Lighting, 8"x4" Double Gimble Square Spotlight, Silver Trim with Black Gimble - Part # GM2-120-LM-30-SBS	Security Lighting, slorders@currentlighting.com	Per Security Lighting Specifications. 2-4 week lead time
13	Single Directional Spotlight	LXX - Security Lighting, 4" LED Adjustable Recessed Wall Wash Downlight, Silver Trim - Part # RDA-60LM30-NF-S/RDA-60-H	Security Lighting, slorders@currentlighting.com	Per Security Lighting Specifications. 2-4 week lead time.
14a	Linear Light - Red	LXX - Security Lighting, Linear Pendant, Part # MPG-72L-40LM30-R-CBC, 72"L x 6.25"H	Security Lighting, slorders@currentlighting.com	Per Security Lighting Specifications. 2 week lead time.

20 - Wall Panel System

Installation: Any wall receiving wall paneling must be prepped with 5/8" thick plywood backer.
Ordering & Coordination: Take-offs, Ordering and Payment for Wall Paneling is the responsibility of the general contractor. To limit disruption to construction schedule, submit all take-offs at least 6 weeks in advance on onsite date (2 weeks for quote and PO creation + 4 weeks formanufacturing and logistics. Failure to initiate service and submit take-offs with proper lead time may result in delayed shipments.

Tag	Panel Part Number	Trim Part Number	Description	Panel Finish	Trim Finish	Comments
20	12-43-029	DWPLMT-102	4' x 10' x 3/8" Wall Panel	WPXX - S&D Supplier Laminate - Lamitech, 1557-PR Season Ash	Ford Black	4 Week Lead Time From Receipt of Purchase Order

35 - 37 - Door Finishes

Tag	Description	Interior Finish	Interior Frame Finish	Exterior Finish	Exterior Frame Finish	Contact	Comments
35	Restroom Door	LMXX - Lamitech, 1540 PW Ontario Oak	PT06 - Benjamin Moore, 2134-30 Iron Mountain (Semi-Gloss)	LM79 - Lamitech, 2315 MT Darksteel	PT72 - Benjamin Moore, 2121-10 Gray	Universal Manufacturing: Vincent Holland, 800.821.1414 x106	Minimum 6-8 week lead time. Vertical grain direction on all wood laminated doors.
36a	Restroom Stall Door For Partition	LM61 - Formica, 837-58 Graphite	--	LM61 - Formica, 837-58 Graphite	--	Universal Manufacturing: Vincent Holland 800.821.1414 x106	Minimum 6-8 week lead time.
36b	Restroom Stall Partition	LM61 - Formica, 837-58 Graphite	--	LM61 - Formica, 837-58 Graphite	--	Universal Manufacturing: Vincent Holland, 800.821.1414 x106	Minimum 6-8 week lead time.
37a	Mop Closet Door	LM79 - Lamitech, 2315 MT Darksteel	PT72 - Benjamin Moore, 2121-10 Gray	LM79 - Lamitech, 2315 MT Darksteel	PT72 - Benjamin Moore, 2121-10 Gray	Universal Manufacturing: Vincent Holland 800.821.1414 x106	Minimum 6-8 week lead time.
37b	Kitchen Door	per MCDs specifications	per MCDs specifications	PTXX - Benjamin Moore, 1076 Capilano Bridge	PTXX - Benjamin Moore, 1076 Capilano Bridge	Universal Manufacturing - Vincent Holland 800.821.1414 x106	Minimum 6-8 week lead time.

Items Per A/E Construction Docs and USRD Brand Review (Not Site Specific, For Reference Only)

Description (If Applicable)	Contact	Comments
BOH	See Architectural Drawings	--
Service Area (General)	Quote & Ordering Requests to be determined based on Project Type. FDT to provide direction as needed.	EIS is not responsible for defining Service Area Scope. For clarification on Scope, refer to proper documents.

46 - Restroom Finishes

Tag	Description	Style	Vanity Finish	Faucet	Hand Dryer Backer Finish	Contact	Comments
46	Restroom Fixture Finishes	Per McDonald's Architectural details	SS14 - Dupont, Corian, Cameo White	Per McDonald's Architectural specifications	SS14 - Dupont, Corian, Cameo White	Erin Fairfield, erin.michelle.fairfield@dupont.com, 612.499.4875	G.C. to refer to McDonald's architectural drawings for restroom fixture specifications and details.

49 - Electrical Outlets

Tag	Description	Receptacle Plate Finish	Comments
49	Hubbell USB Charger Receptacle Tamper-Resistant Duplex	USB 15X2GY - Grey	To be mounted at designated heights & locations

56 - Kiosk

Tag	Count	Description	Contact	Comments
56	2	Existing Double Sided Kiosk	Per Owner/GC	Existing double sided kiosk to be relocated. Electrical and data from ceiling for Kiosk(s). See RCP for new location on site. (Based on USRD direction)

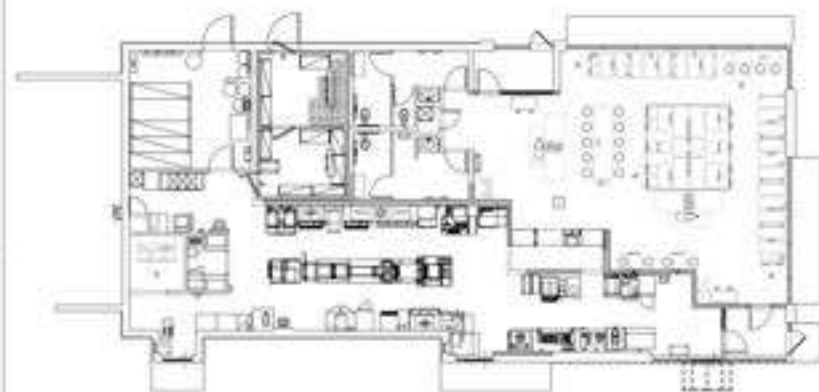


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GC Specifications



DRAWING FOR REFERENCE ONLY, N.T.S.

DOOR SCHEDULE

NO.	TYPE	FINISH	SWITCH	NOTES
1	DOOR	1/2" X 6" X 8"	1/2"	1/2"
2	DOOR	1/2" X 6" X 8"	1/2"	1/2"
3	DOOR	1/2" X 6" X 8"	1/2"	1/2"
4	DOOR	1/2" X 6" X 8"	1/2"	1/2"
5	DOOR	1/2" X 6" X 8"	1/2"	1/2"
6	DOOR	1/2" X 6" X 8"	1/2"	1/2"
7	DOOR	1/2" X 6" X 8"	1/2"	1/2"
8	DOOR	1/2" X 6" X 8"	1/2"	1/2"
9	DOOR	1/2" X 6" X 8"	1/2"	1/2"
10	DOOR	1/2" X 6" X 8"	1/2"	1/2"

DOOR TYPES



- GENERAL NOTES:**
- ALL NEW WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 701.
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- DOOR SCHEDULE:**
- DOOR TYPE 1: 1/2" X 6" X 8" DOOR WITH 1/2" X 6" X 8" DOOR.
 - DOOR TYPE 2: 1/2" X 6" X 8" DOOR WITH 1/2" X 6" X 8" DOOR.
 - DOOR TYPE 3: 1/2" X 6" X 8" DOOR WITH 1/2" X 6" X 8" DOOR.
 - DOOR TYPE 4: 1/2" X 6" X 8" DOOR WITH 1/2" X 6" X 8" DOOR.
 - DOOR TYPE 5: 1/2" X 6" X 8" DOOR WITH 1/2" X 6" X 8" DOOR.
 - DOOR TYPE 6: 1/2" X 6" X 8" DOOR WITH 1/2" X 6" X 8" DOOR.
 - DOOR TYPE 7: 1/2" X 6" X 8" DOOR WITH 1/2" X 6" X 8" DOOR.
 - DOOR TYPE 8: 1/2" X 6" X 8" DOOR WITH 1/2" X 6" X 8" DOOR.
 - DOOR TYPE 9: 1/2" X 6" X 8" DOOR WITH 1/2" X 6" X 8" DOOR.
 - DOOR TYPE 10: 1/2" X 6" X 8" DOOR WITH 1/2" X 6" X 8" DOOR.

- DOOR TYPE 1: 1/2" X 6" X 8" DOOR WITH 1/2" X 6" X 8" DOOR.**
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- DOOR TYPE 2: 1/2" X 6" X 8" DOOR WITH 1/2" X 6" X 8" DOOR.**
- DOOR TYPE 2: 1/2" X 6" X 8" DOOR WITH 1/2" X 6" X 8" DOOR.
 - DOOR TYPE 2: 1/2" X 6" X 8" DOOR WITH 1/2" X 6" X 8" DOOR.
 - DOOR TYPE 2: 1/2" X 6" X 8" DOOR WITH 1/2" X 6" X 8" DOOR.
 - DOOR TYPE 2: 1/2" X 6" X 8" DOOR WITH 1/2" X 6" X 8" DOOR.
 - DOOR TYPE 2: 1/2" X 6" X 8" DOOR WITH 1/2" X 6" X 8" DOOR.
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 - DOOR TYPE 2: 1/2" X 6" X 8" DOOR WITH 1/2" X 6" X 8" DOOR.
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 - DOOR TYPE 2: 1/2" X 6" X 8" DOOR WITH 1/2" X 6" X 8" DOOR.

GENERAL NOTES:

- ALL NEW WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 701.
- ALL NEW WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 701.
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2024 BUILDING REMODEL MCDONALD'S MOD C / SAO BETHESDA REGION

BUILDING INFORMATION:

ADDRESS:
STATE SITE CODE: 45-1002
STREET ADDRESS: 3848 YORK ST.
CITY: ALEXANDRIA
COUNTY: INDEPENDENT CITY
STATE: VIRGINIA

BUILDING DATA:
OCCUPANCY: RESTAURANT (24-2)
CONSTRUCTION TYPE: V-B
NUMBER OF STORIES: 1
EXISTING BUILDING AREA: 3042
EXISTING SEAT COUNT: 74
PROPOSED SEAT COUNT: 84
FIRE SPRINKLER: YES - FULLY SPRINKLERED - PLANS AND PERMITS BY OTHERS

BUILDING CODE:

2018 VA EXISTING BUILDING CODE
2018 VA MECHANICAL CODE
2018 VA PLUMBING CODE
2018 VA ENERGY CONSERVATION CODE
2017 NATIONAL ELECTRIC CODE
2010 ADA STANDARDS FOR ACCESSIBLE DESIGN & 2008 ICC A117.1

DESIGNER OF RECORD:

DISCIPLINE	NAME	ADDRESS	PHONE #
ARCHITECT	ANDREW T. HARRIS, P.E.	224 YORK RD., ALEXANDRIA, VA 22304	444-4444
MECHANICAL	ANDREW T. HARRIS, P.E.	224 YORK RD., ALEXANDRIA, VA 22304	444-4444
PLUMBING	ANDREW T. HARRIS, P.E.	224 YORK RD., ALEXANDRIA, VA 22304	444-4444
ELECTRICAL	ANDREW T. HARRIS, P.E.	224 YORK RD., ALEXANDRIA, VA 22304	444-4444

CONSTRUCTION PROJECT MANAGER:

NAME	EMAIL ADDRESS	PHONE #
MICHAEL J. HARRIS	michael.harris@mc.com	444-4444

SYMBOL LEGEND:

	SECTION 100		SECTION 100
	SECTION 100		SECTION 100
	SECTION 100		SECTION 100
	SECTION 100		SECTION 100
	SECTION 100		SECTION 100
	SECTION 100		SECTION 100
	SECTION 100		SECTION 100
	SECTION 100		SECTION 100
	SECTION 100		SECTION 100
	SECTION 100		SECTION 100

DRAWING INDEX

NO.	DESCRIPTION
CV	COVER SHEET
10.0	10.0 SITE PLAN
DEMOLITION	
20.0	DEMOLITION FLOOR PLAN
20.0	DEMOLITION ELEVATIONS
BUILDING	
30.0	FLOOR PLAN
30.0	ROOFING PLAN
30.0	CLADDING
30.0	SECTION DETAILS
30.0	DETAILS
30.0	REVISION PLAN
MECHANICAL	
40.0	MECHANICAL REFLECTED CEILING PLAN
40.0	GENERAL NOTES
PLUMBING	
50.0	DOMESTIC PIPING PLAN
50.0	WASTE PIPING PLAN
50.0	MECHANICAL PIPING PLAN
50.0	DETAILS
50.0	GENERAL NOTES
ELECTRICAL	
60.0	POW. RATER DRAWING
60.0	ELECTRICAL RIGGING-W
60.0	LIGHTING PLAN
60.0	DETAILS
60.0	GENERAL NOTES
60.0	FINISH SCHEDULE
KITCHEN	
70.0	COVER
70.0	EQUIPMENT LAYOUT
70.0	ROUGH-IN LAYOUT
70.0	ELEVATIONS
70.0	SCHEDULES
70.0	SCHEDULES

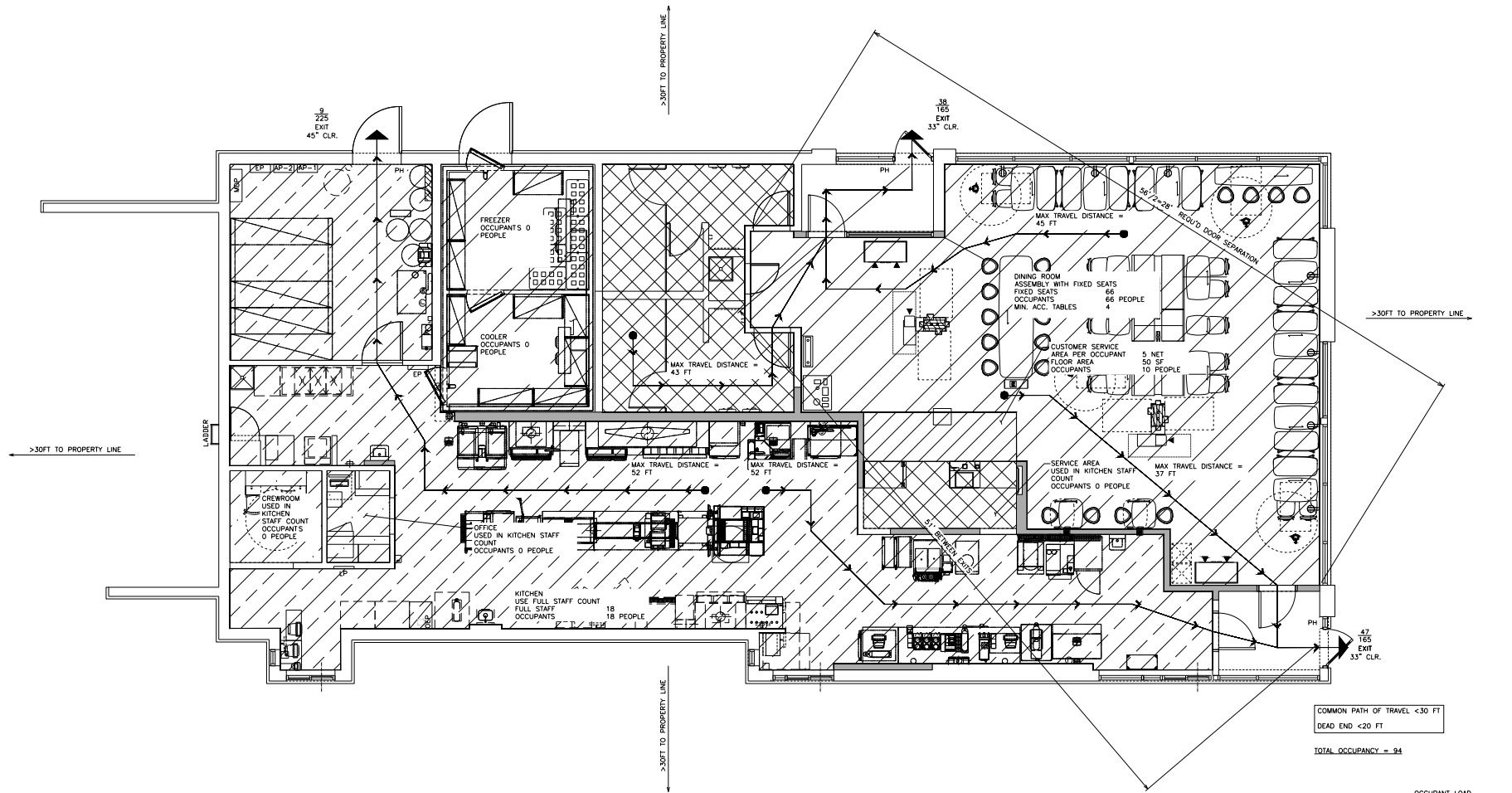
McDonald's USA, LLC

10000 BROADWAY, SUITE 1000, BETHESDA, MD 20814

CV

10000 BROADWAY, SUITE 1000, BETHESDA, MD 20814

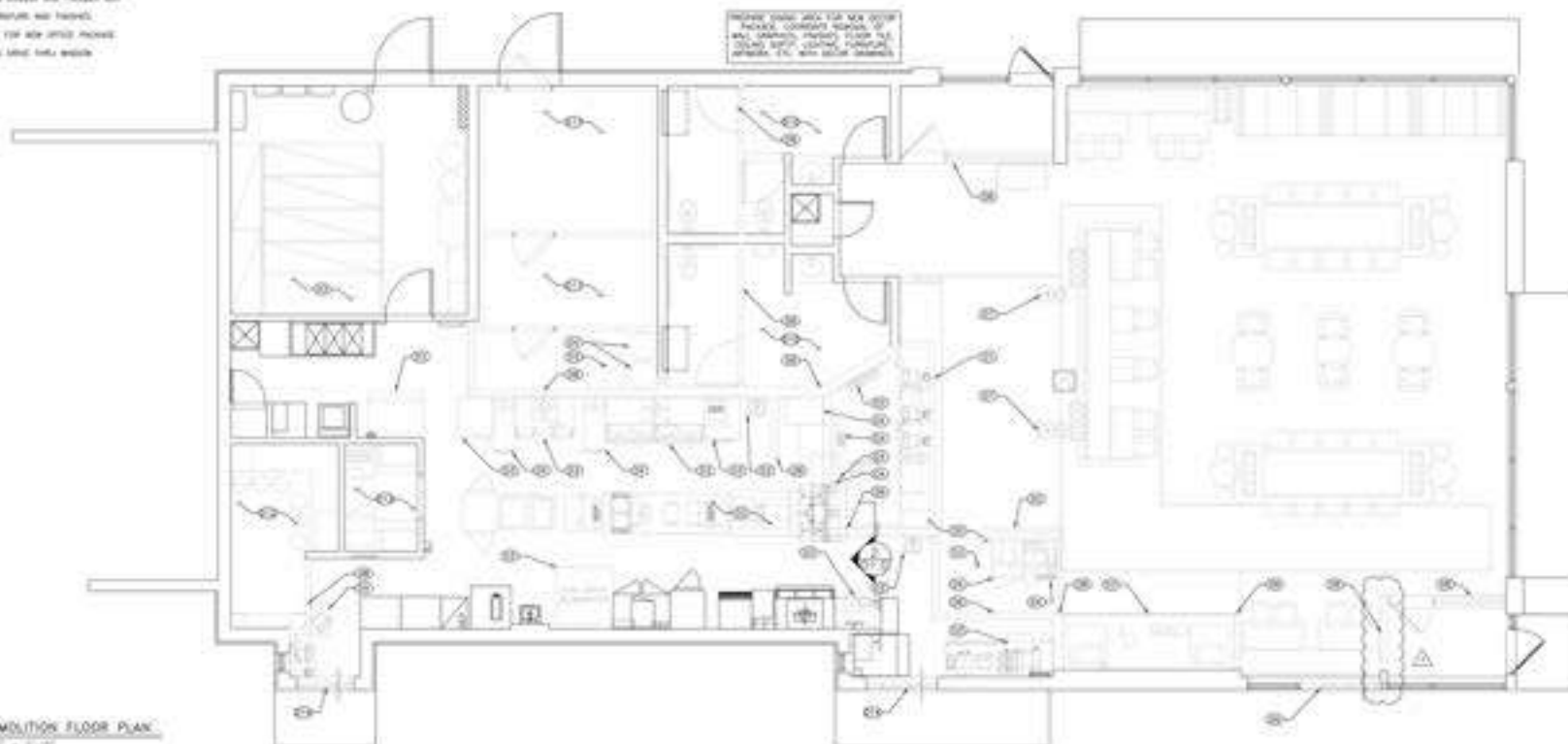
LIFE SAFETY PLAN:
SCALE: 1/4" = 1'-0"



LEGEND: xx — OCCUPANT LOAD
xxx — DOOR CAPACITY (2" / PERSON)
PH — DOOR WITH PANIC HARDWARE
HC — HANDICAP ACCESSIBLE SEATING SPACE

TOWER ENGINEERING PROFESSIONALS 326 TRYON ROAD RALEIGH, NC 27603 OFFICE: (919) 681-4351 www.tepgroup.net		1 07/19/2024 0 04/26/2024		REVISED PER HEALTH DEPARTMENT COMMENTS FOR CONSTRUCTION	
MCDONALD'S USA, LLC		DATE ISSUED 07/17/2024		SITE ADDRESS 3246 KING ST. ALEXANDRIA, VA 22302	
KING STREET, VA		DATE 07/17/2024		PROJECT NO. T1.0	
CONSTRUCTION DRAWINGS		DRAWN BY DJA		CHECKED BY TEP	
LIFE SAFETY PLAN		REVIEWED BY FTN		DATE 07/17/2024	

- ②0 REMOVE EXISTING FLOOR AND FINISH OF COORINATE
- ②1 REMOVE EXISTING FLOOR AND FINISH AS REQUIRED
- ②2 EXISTING CONCRETE TO BE REMOVED - WITHIN 6'
- ②3 EXISTING CONCRETE TO BE REMOVED - WITHIN 6'
- ②4 EXISTING CONCRETE TO BE REMOVED - WITHIN 6'
- ②5 REMOVE EXISTING FLOOR TO BE REMOVED FOR NEW FLOOR CONSTRUCTION - 142 0'-0"
- ②6 REMOVE SLOPE TO BE REMOVED TO GRADE
- ②7 EXISTING SLOPE - 50% 0'-0"
- ②8 REMOVE EXISTING WALL - 322 0'-0"
- ②9 REMOVE EXISTING FLOOR AND FINISH
- ③0 REMOVE EXISTING CONCRETE AND FINISHES 8'-0"
- ③1 REMOVE ALL FURNITURE AND FINISHES
- ③2 REMOVE OFFICE FOR NEW OFFICE FINISHES
- ③3 REMOVE EXISTING WALL AND FINISH



DEMOLITION FLOOR PLAN
1/8" = 1'-0"

1. **Identify** the **problem** and **define** the **problem** in **your** **own** **words**. **What** **is** **the** **problem**?
2. **Identify** the **problem** in **your** **own** **words**. **What** **is** **the** **problem**?
3. **Identify** the **problem** in **your** **own** **words**. **What** **is** **the** **problem**?
4. **Identify** the **problem** in **your** **own** **words**. **What** **is** **the** **problem**?
5. **Identify** the **problem** in **your** **own** **words**. **What** **is** **the** **problem**?
6. **Identify** the **problem** in **your** **own** **words**. **What** **is** **the** **problem**?
7. **Identify** the **problem** in **your** **own** **words**. **What** **is** **the** **problem**?
8. **Identify** the **problem** in **your** **own** **words**. **What** **is** **the** **problem**?
9. **Identify** the **problem** in **your** **own** **words**. **What** **is** **the** **problem**?
10. **Identify** the **problem** in **your** **own** **words**. **What** **is** **the** **problem**?

[illegible]

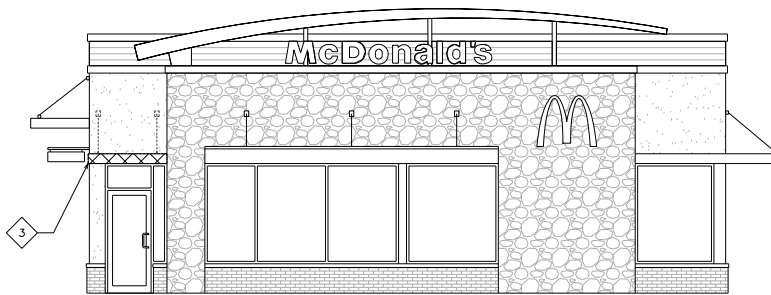
12. The high-contrast black and white photograph depicts a person, possibly a woman, in a dark, textured environment. The person is wearing a dark, possibly black, garment. The background is dark and indistinct, with some lighter, textured areas that could be walls or a ceiling. The overall mood is somber and mysterious.

15. *Small groups and students* (10-15 min): a drawing of a "ghost" (see Figure 15) is shown to all groups. After 10 min, the groups are asked to discuss the drawing and to write down their conclusions.

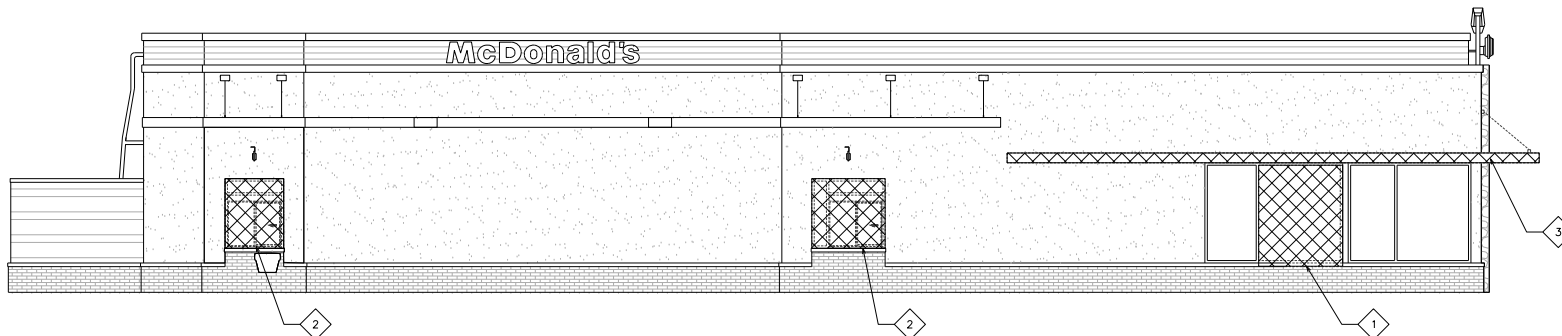


2 SOFFIT REMOVAL DETAIL
1' - 0"

[illegible]



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



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

DEMOLITION NOTES:



EXISTING BUILDING COMPONENTS TO BE REMOVED/ALTERED

DEMOLITION KEY NOTES:



1 REMOVE STOREFRONT AND GLAZING



2 DRIVE THRU WINDOWS TO BE REPLACED



3 RELOCATE EXISTING CANOPY AND TRELLIS BAND - SEE B2.0

1. THESE DRAWINGS WERE PREPARED BASED ON INFORMATION ATTAINED FROM A SITE SURVEY. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS IN FIELD PRIOR TO DEMOLITION & NOTIFY THIS OFFICE IN CASE OF DISCREPANCIES ASAP. DEMOLITION IS TO BE EXECUTED SO AS NOT TO DISTURB EXISTING STRUCTURAL & ROOFING SYSTEMS, AND OTHER AREAS THAT ARE INTENDED TO REMAIN INTACT. VERIFY ALL CONSTRUCTION TO BE REMOVED THAT IS NOT INTEGRAL TO STRUCTURAL SYSTEM PRIOR TO DEMOLITION.

2. ALL DIMENSIONS SHOWN AS EXISTING SHOULD BE FIELD VERIFIED BY CONTRACTOR PRIOR TO DEMOLITION. VERIFY ALL DEMOLITION WORK W/ NEW CONSTRUCTION & INSTALLATION DRAWINGS PRIOR TO BEGINNING CONSTRUCTION.

3. DEMOLITION CONTRACTOR TO COORDINATE & REVIEW ALL CONSTRUCTION DOCUMENTS & DETERMINE THE EXTENT OF DEMOLITION WORK & BECOME FAMILIAR WITH THEM THOROUGHLY BEFORE PERFORMING ANY DEMOLITION WORK. BY THE ACT OF STARTING DEMOLITION, THE CONTRACTOR WILL BE DEEMED TO HAVE COMPLIED WITH THE FOREGOING, TO HAVE ACCEPTED SUCH CONDITIONS, AND TO HAVE MADE THE NECESSARY ALLOWANCES IN PREPARING HIS BID.

4. ELECTRICAL DEMOLITION NOTE: REFER TO ELECTRICAL DRAWINGS FOR DETAILED ELECTRICAL DEMOLITION NOTES.

5. VERIFY DISPOSITION OF ALL FURNISHINGS, MILLWORK, LIGHTING FIXTURES, ETC. TO BE REMOVED W/ OWNER. ALL ITEMS TO BE DISPOSED SHALL BE DISPOSED OF OFF-SITE AND IN AN EXPEDITIOUS MANNER.

6. ROOFING CONTRACTOR TO FIELD INSPECT EXISTING ROOF FOR WEATHER TIGHTNESS & PROPER DRAINAGE PRIOR TO BID. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF EXISTING ROOF CONDITION AND FOR INCLUDING ANY NECESSARY REPAIR COSTS IN BID.

7. SAWCUT & REMOVE EXISTING SLABS AS REQUIRED FOR UNDERGROUND ELECTRICAL & PLUMBING LINES. REFER TO PLUMBING, ELECTRICAL, & KITCHEN DRAWINGS FOR ALL SAWCUTS & TRENCHING WORK REQUIRED. ALL CONCRETE FLOOR WORK TO BE FINISHED FLUSH WITH EXISTING FLOOR. DONEL NEW SLABS TO EXISTING W/ #4 REBAR @ 24" O.C. EACH SIDE (STAGGERED). REBAR TO EXTEND 6" INTO EXISTING SLAB & ACROSS CUT OPENING. SECURE REBAR INTO EXISTING SLAB W/ EPOXY GROUT. REPLACE OR REPAIR ANY VAPOR BARRIERS DISTURBED DURING EXCAVATIONS.

8. CONTRACTOR SHALL PROVIDE ALL TEMPORARY BRACING AS REQUIRED TO MAINTAIN STRUCTURAL STABILITY OF THE EXISTING STRUCTURE DURING ALL PHASES OF CONSTRUCTION.

9. PROTECT FROM DAMAGE DURING CONSTRUCTION ALL EXISTING WALLS, FLOORS, CEILINGS, ETC. THAT ARE TO REMAIN. CONTRACTOR TO PATCH & REPAIR ANY DAMAGED PORTIONS OF THE EXISTING BUILDING AS REQUIRED TO MATCH THE EXISTING ADJACENT CONSTRUCTION & FINISHES.

10. THIS PLAN INDICATES A GENERAL SCOPE OF WORK TO BE PERFORMED AND DOES NOT RELIEVE THE CONTRACTOR TO COMPLETE THE BUILDING MODIFICATIONS AS SHOWN AND REQUIRED BY THE CONTRACT DOCUMENTS, INCLUDING BUT NOT LIMITED TO PLUMBING, ELECTRICAL & HVAC WORK.

11. IF CONTRACTOR ENCOUNTERS ANY HAZARDOUS MATERIALS DURING DEMOLITION OR CONSTRUCTION, HE SHALL IMMEDIATELY SUSPEND WORK & NOTIFY THE MCDONALD'S AREA CONSTRUCTION MANAGER BEFORE PROCEEDING.

12. ALL DEMOLITION SHALL BE CARRIED OUT IN A SAFE MANNER & IN STRICT ACCORDANCE WITH OSHA REGULATIONS.

13. THE SUB-CONTRACTOR SHALL FIELD VERIFY THE EXTENT OF DEMOLITION. THE WORK INCLUDES, BUT IS NOT LIMITED TO THE DEMOLITION AND REMOVAL OF ANY WALLS, COUNTERTOPS, FURNITURE, BULKHEADS, DOORS, PLUMBING, MECHANICAL AND ELECTRICAL ITEMS INCLUDING CONDUITS AND DUCTWORK AS SHOWN ON THE DRAWINGS OR AS REQUIRED TO COMPLETE THE INSTALLATION OF THE NEW WORK FOR A COMPLETE JOB.

14. REMOVE ANY SINKS, WATER CLOSETS, URINALS, LAVATORIES, FLOOR DRAINS, NOTED ON DRAWINGS AS WELL AS ALL ASSOCIATED PLUMBING ACCESSORIES. CAP & SEAL ALL FLOOR PENETRATIONS, & WASTE LINES. PATCH & SEAL ALL FLOOR PENETRATIONS. SEE MECHANICAL & PLUMBING DRAWINGS FOR DETAILED DEMOLITION NOTES.

15. WHEN UTILITIES ARE REMOVED, CAP & SEAL A MINIMUM OF 8" BELOW FINISH FLOOR OR A MINIMUM OF 6" ABOVE FINISH CEILING.

SHEET NO.	40-1-1012	TITLE	KING STREET, VA CONSTRUCTION DRAWINGS
DATE	04/26/2024	REV	0
DESCRIPTION	FOR CONSTRUCTION		
TOWER ENGINEERING PROFESSIONALS 326 TRYON ROAD RALEIGH NC 27603 OFFICE: (919) 681-6351 www.tepgroup.net			
APR 26 2024			
MCDONALD'S USA, LLC These drawings and specifications are the confidential and proprietary information of McDonald's USA, LLC. They are not to be reproduced, copied, or used in any manner without the written consent of McDonald's USA, LLC. The contractor shall be responsible for obtaining all necessary permits and for obtaining all necessary approvals from the local, state, and federal authorities. The contractor shall be responsible for obtaining all necessary approvals from the local, state, and federal authorities. The contractor shall be responsible for obtaining all necessary approvals from the local, state, and federal authorities.			
DESIGNED BY	DIA	TEP	TEP
REVIEWED BY	FTN	DATE ISSUED	04/26/2024

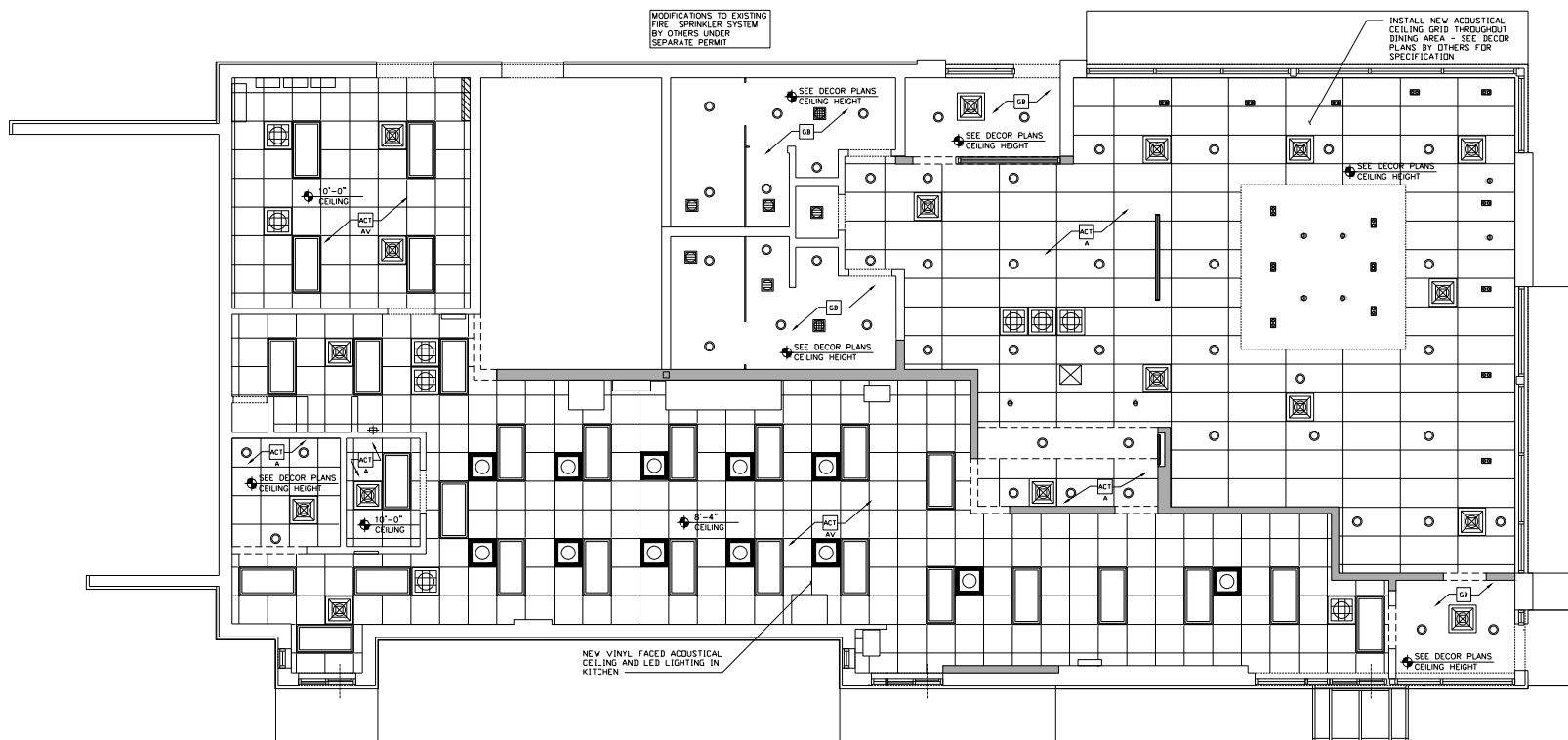
1. SEE DECOR PLANS FOR CEILING FINISHES.
2. GENERAL CONTRACTOR SHALL COORDINATE HVAC DIFFUSER LOCATION WITH DECOR & MECHANICAL PLANS AND REPORT ANY DISCREPANCIES TO ARCHITECT.
3. REFERENCE MECHANICAL AND ELECTRICAL DRAWINGS FOR DIFFUSER AND LIGHTING INFORMATION.
4. PROVIDE USG V15 CEILING TILE RETENTION CLIPS IN ALL VESTIBULE AREAS
5. FIRE SPRINKLER PLANS BY OTHERS

ACT ACOUSTICAL CEILING TILE - VERIFY FINISHES WITH DECOR PLANS

ACT AV ACOUSTICAL CEILING TILE - VINYL FACED
COLOR: WHITE - SEE ROOM FINISH SCHEDULE - MATCH EXISTING

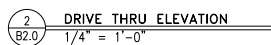
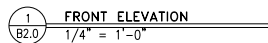
GB GYPSUM BOARD CEILING

1. NEW CEILING GRID THROUGHOUT DINING AREA, KITCHEN, CREW ROOM, MANAGERS OFFICE, AND STORAGE
2. NEW GYPSUM BOARD CEILING THROUGH OUT RESTROOMS AND VESTIBULES
3. NEW LIGHTS AND DIFFUSERS THROUGH OUT STORE



1 REFLECTED CEILING PLAN
B1.2 1/4" = 1'-0"

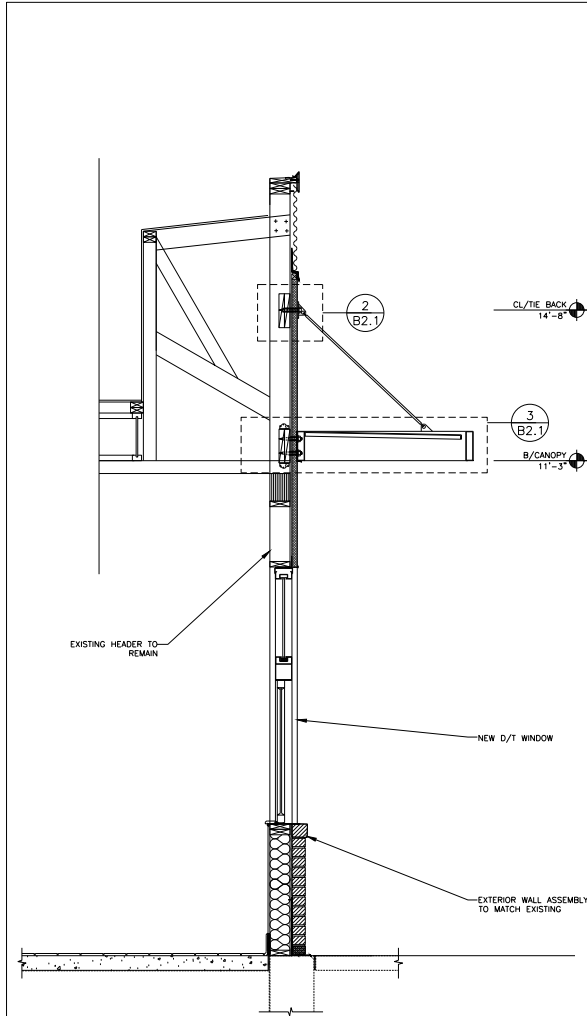
[illegible]



BR	COLOR: BT - BT = MATCH EXISTING BRICK COLOR T = TYPE L = EXISTING N = NEW/FILL
CT	NEW CANOPY - SEE TRELIS PLANS FOR DETAILS
CD	RELOCATED CANOPY
	NEW TRELIS BAND TO MATCH EXISTING
WT	NEW STOREFRONT AND GLAZING - TEMPERED GLASS
WD	NEW DRIVE-THRU WINDOW BY READY ACCESS
ST	MODEL: SERIES: 36" SERVICE HEIGHT WITH TRANSOM, MANUAL OPEN, ELECTRONIC RELEASE
	SLIDE DIRECTION: RL = RIGHT TO LEFT LR = LEFT TO RIGHT
	C1 = DEEP BRONZE C2 = RL

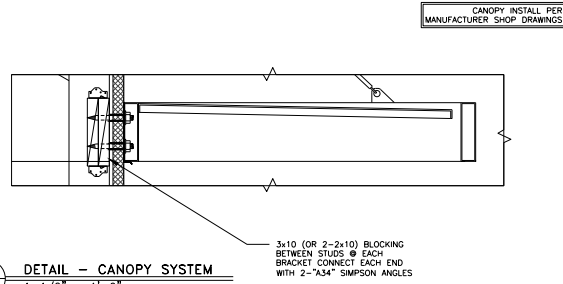
- 1 NEW DRIVE THRU WINDOWS
- 2 NEW THIRD WINDOW AND CANOPY
- 3 RAISE EXISTING FRONT CANOPY TO MATCH DRIVE THRU CANOPY ELEVATION

[illegible]

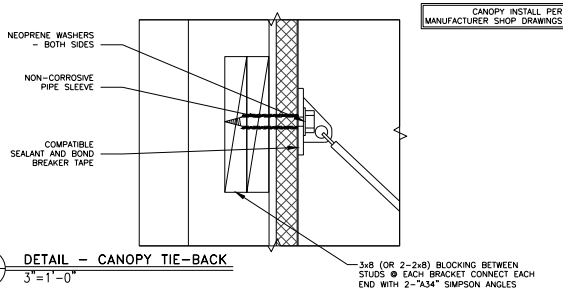


1 SECTION - DT WINDOW
1/4" = 1'-0"

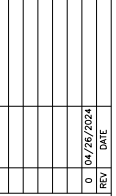
2 DETAIL - CANOPY SYSTEM
1-1/2" = 1'-0"



3 DETAIL - CANOPY TIE-BACK
3" = 1'-0"



REV	DATE	DESCRIPTION
0	04/26/2024	FOR CONSTRUCTION



McDonald's USA, LLC
 These drawings and specifications are the confidential and proprietary information of McDonald's USA, LLC. They are to be used only for the project and site identified herein. No part of these drawings or specifications may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of McDonald's USA, LLC. The contractor shall be responsible for obtaining all necessary permits and approvals for this project. The contractor shall be responsible for obtaining all necessary permits and approvals for this project. The contractor shall be responsible for obtaining all necessary permits and approvals for this project.

DATE	BY	DATE	BY
DATE ISSUED	DATE ISSUED	DATE ISSUED	DATE ISSUED
DATE ISSUED	DATE ISSUED	DATE ISSUED	DATE ISSUED

SHEET NO. B2.1
 SECTION DETAILS



KEY NOTES

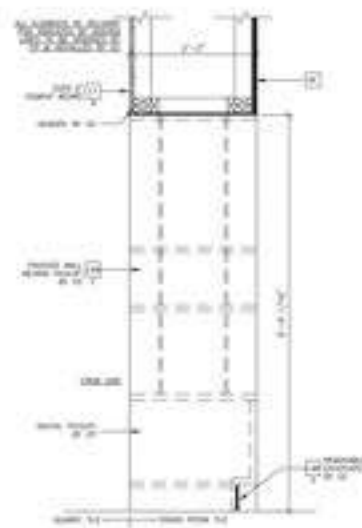
- [illegible]

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- [illegible]

GENERAL NOTES

- Is your company having difficulty in doing business with you? If so, why?
- Is it likely for you to be involved in future mergers and acquisitions? If so, why?
- And to what location and country of origin, and possibly what sector, will you move?



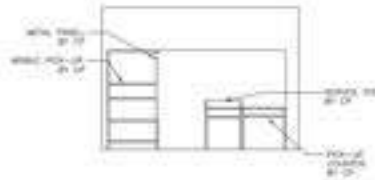
SECTION 8 - FLOOR DELIVERY



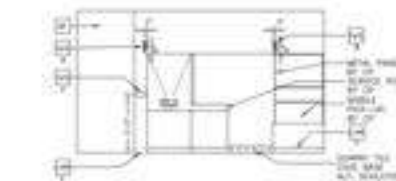
SECTION 9 PICKUP/DELIVERY



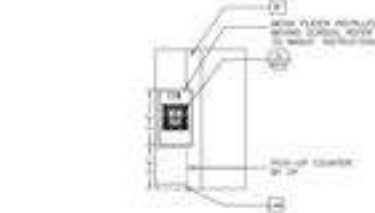
Surface Pod Section



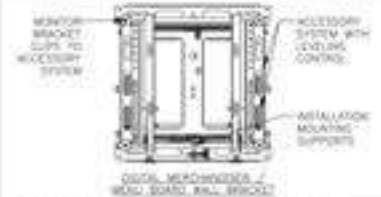
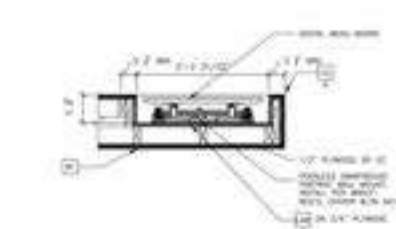
SEWER AREA ELEVATION
1.2' = 1'-0"



⑥ SERVICE AREA ELEVATION
RM 1.0' = 1.0'

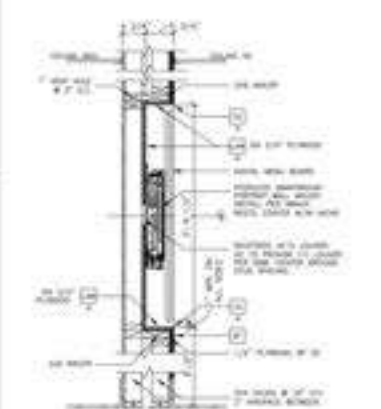


⑦ SERVICE AREA ELEVATION
1.12 = 1.00

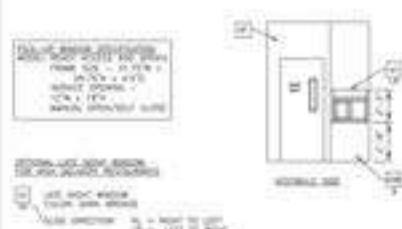


- SECURE TO STUDS OR 2x4" PLYWOOD BACKING
- FOLLOW MANUFACTURER'S INSTALLATION INSTRUCTIONS

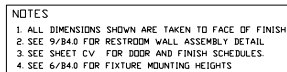
3 DIGITAL MENU BOARD BRACKET (CTAL)



SECTION 8 DIGITAL WORKBOOK



51 BACK-UP WINDOW ELEVATION



1 ENLARGED RESTROOM PLAN
B4.0 1/2" = 1'-0"



1. 59'x60" CLEAR FLOOR AREA
2. 65'x66" CLEAR FLOOR AREA WITH TOE CLEARANCE
3. 60"Ø CLEAR TURNING CIRCLE
4. 30'x48" CLEAR AREA AT FIXTURE
5. 54'x60" FRONT APPROACH PULL SIDE DOOR CLEARANCE
6. 36'x60" FRONT APPROACH PUSH SIDE DOOR CLEARANCE
7. ADA SIGNAGE TYPE RRE-120-WHTONBLU - SEE GENERAL NOTE 6 SHEET B1.0
8. 18'x18" ADA SIGNAGE CLEAR FLOOR AREA

(X) = RESTROOM ACCESSORY - SEE 5/A4.0

2 ACCESSIBILITY SCHEMATIC
B4.0 $1/2^* = 1^* - 0^*$

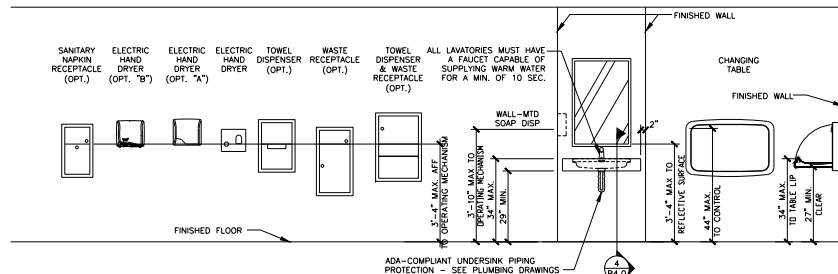
 = ACCESSIBILITY KEYNOTES ABOVE

	ITEM (SEE NOTE 2)	MANUF. MODEL #	SUPPLIER	BACKUP SUPPORT (SEE NOTE 3)
1A	GRAB BAR 48"	BORBRICK B-6806X48	HUGHES SUPPLY (866) 310-3576 MC.DC.DR.DH.AJCA.COM	(12"x6" 4"-6" LONG CENTER MOUNTED)
1B	GRAB BAR 42"	B-6806X42		
1C	GRAB BAR 24"	B-6806X24		
2	TOWEL TISSUE DISPENSER, JUMBO, SURFACE MOUNTED	BRADLEY 5424	HUGHES SUPPLY (866) 310-3576 MC.DC.DR.DH.AJCA.COM	FRAME WALL, OPENING PER MANUFACTURER'S RECOMMENDATIONS
3	SANITARY NAPKIN RECEPTACLE, RECESSED (OPTIONAL)	BORBRICK B-345	HUGHES SUPPLY (866) 310-3576 MC.DC.DR.DH.AJCA.COM	
4A	HAND DRYER, ADA COMPLIANT, STAINLESS STEEL	WORLD DRYER L-971 SLIM DRY	HUGHES SUPPLY (866) 310-3576 MC.DC.DR.DH.AJCA.COM	FRAME WALL, OPENING PER MANUFACTURER'S RECOMMENDATIONS
4A OPTION	HAND DRYER, ENERGY EFFICIENT MODEL, ADA, STAINLESS STEEL	DYSON AIRBLADE V	HUGHES SUPPLY (866) 310-3576 MC.DC.DR.DH.AJCA.COM	
5	TOWEL DISPENSER & WASTE RECEPTACLE, INDIVIDUAL, RECESSED (OPTIONAL)	BORBRICK B-3974	HUGHES SUPPLY (866) 310-3576 MC.DC.DR.DH.AJCA.COM	
5	MIRROR, CHANNEL FRAME	BORBRICK B-165 2436	HUGHES SUPPLY (866) 310-3576 MC.DC.DR.DH.AJCA.COM	
6A	SOAP DISPENSER, COUNTER MOUNTED, 6" SPOUT (OPTIONAL)	BORBRICK B-8226	HUGHES SUPPLY (866) 310-3576 MC.DC.DR.DH.AJCA.COM	
6B	SOAP DISPENSER, WALL-MOUNTED	BORBRICK B-2112	HUGHES SUPPLY (866) 310-3576 MC.DC.DR.DH.AJCA.COM	
7	BABY CHANGING TABLE, HORIZONTAL, RECESSED, ADA COMPLIANT	KIDALA KARE K300-MOTA	HUGHES SUPPLY (866) 310-3576 MC.DC.DR.DH.AJCA.COM	FRAME WALL, OPENING PER MANUFACTURER'S RECOMMENDATIONS
7 OPTION	BABY CHANGING TABLE, HORIZONTAL, RECESSED, ADA COMPLIANT	KIDALA KARE K300-00	HUGHES SUPPLY (866) 310-3576 MC.DC.DR.DH.AJCA.COM	FRAME WALL, OPENING PER MANUFACTURER'S RECOMMENDATIONS
8	DIAPER CONTAINER (OPTIONAL)	-	BY DWYER	
9	CLOTHES HOOK	BRADLEY 917	HUGHES SUPPLY (866) 310-3576 MC.DC.DR.DH.AJCA.COM	
10	STAINLESS STEEL TOILET PARTITION - VERIFY WITH ACM	BRADLEY STAINLESS STEEL S500	HUGHES SUPPLY (866) 310-3576 MC.DC.DR.DH.AJCA.COM	

NOTES:

- 1) SEE 6/B4.0 FOR ACCESSORY MOUNTING HEIGHTS
- 2) SELECT ONE ITEM FROM ITEM GROUPS 4 & 6, VERIFY WITH AREA CONSTRUCTION MANAGER
- 3) CUT BACK-UP SUPPORTS BETWEEN STUDS SO FACE OF SUPPORT IS FLUSH W/WALL STUD

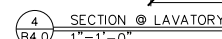
5 RESTROOM ACCESSORY SCHEDULE
B4.0



6 RESTROOM FIXTURE AND ACCESSORY ELEVATIONS
B4.0 1/2" = 1'-0"



3 SECTION @ MOP SINK
B4.0 N.T.S.



4 SECTION @ LAVATORY
R4.0 1'-1' 0"



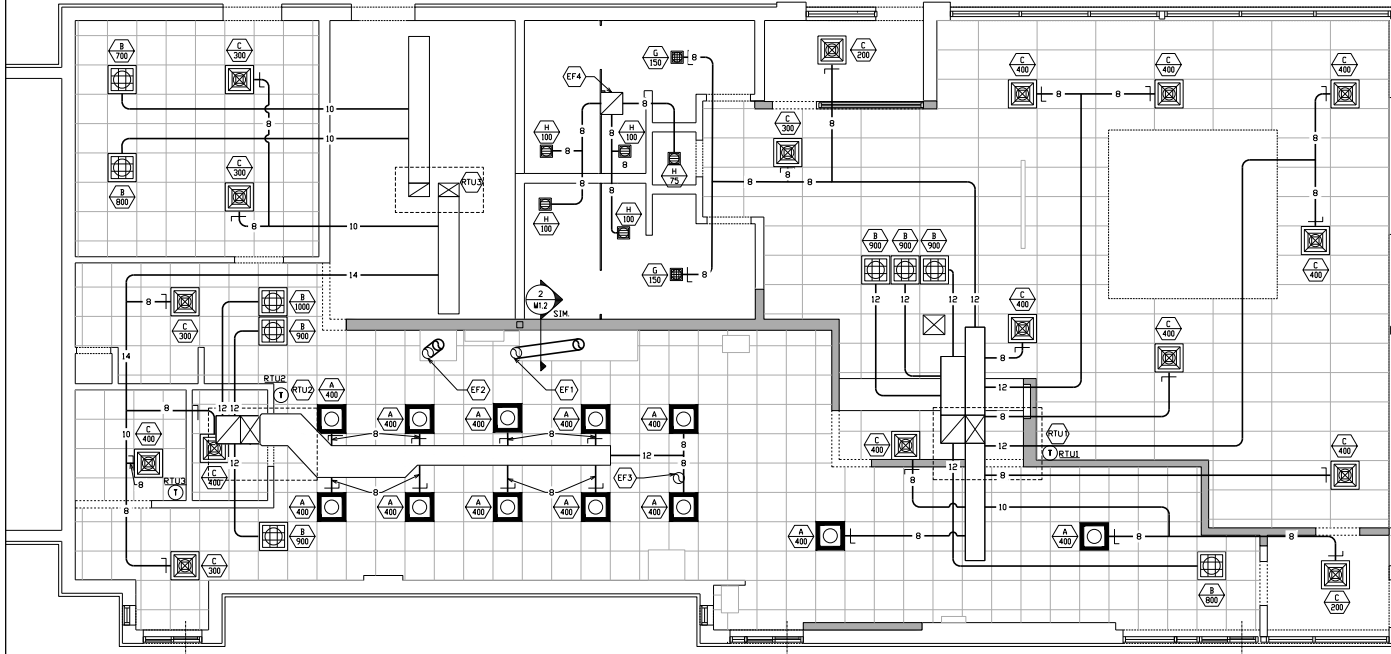
8 DOOR SIGNAGE DETAILS
B4.0 N.T.S.



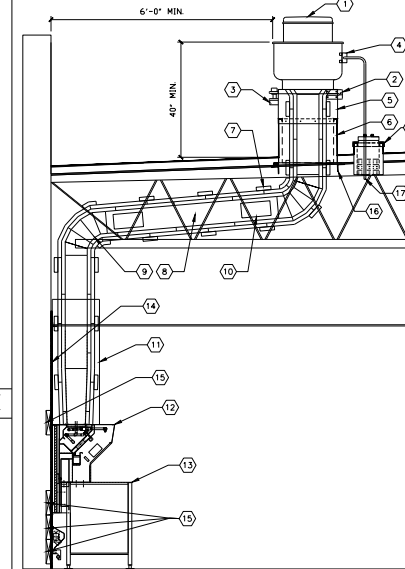
9 FRAMED WALL DETAIL
B4.0 N.T.S.



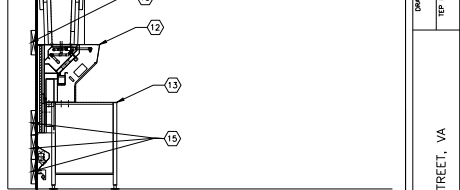
10 DETAIL AT BASE OF DOOR
B4.0 N.T.S.



- KEYED NOTES:**
1. UPBLAST EXHAUST FAN (SEE EXHAUST FAN SCHEDULE)
 2. HINGED CURB CAP FOR CLEANING ACCESS (FURNISHED WITH FAN)
 3. GREASE TRAP (FURNISHED WITH FAN)
 4. NEMA 3R DISCONNECT SWITCH (FURNISHED WITH FAN)
 5. 12" HIGH CURB EXTENSION (FURNISHED WITH FAN)
 6. 18" HIGH CURB (FURNISHED WITH FAN)
 7. TWO (2) LAYERS OF 1/2" THICK DUCT WRAP TO MEET ASTM E2336 INSTALLED PER MANUFACTURER'S INSTRUCTIONS (SEE MECHANICAL NOTES FOR INSULATION SPECIFICATION)
 8. 16 GAUGE BLACK IRON (CARBON STEEL) OR 18 GAUGE STAINLESS STEEL DUCTWORK WELDED LIQUID-TIGHT
 9. 5-CORE BLACK IRON (CARBON STEEL) RADIUS ELBOW
 10. 12"x6" ACCESS DOOR AT ALL CHANGES IN DIRECTION
 11. STAINLESS STEEL FASCIA PANEL TO PROTECT DUCTWORK AND INSULATION
 12. BACKSHELF TYPE EXHAUST HOOD (SEE KITCHEN EXHAUST HOOD SCHEDULE)
 13. COOKING APPLIANCE (SEE KITCHEN DRAWINGS)
 14. REAR WALL CONSTRUCTION SHALL CONSIST OF CERAMIC TILE OR MIN. 22 GAUGE STAINLESS STEEL OVER 1/2" TYPE X GYPSUM BOARD OR 5" CEMENT BOARD FROM FLOOR TO CEILING AND EXTENDING 24" TO EACH SIDE OF THE HOOD INSTALLED ON NON-COMBUSTIBLE WALL 2x10 LIGHT GAUGE STEEL FOR SUPPORT BLOCKING FOR HOOD AND RACEWAY (COORDINATE INSTALLATION WITH HOOD INSTALLER)
 15. STRUCTURAL FRAMING FOR ROOF OPENING (SEE STRUCTURAL DRAWINGS)
 16. TRANSITION TO FLEXIBLE CONDUIT UNDER ROOF PENETRATION WHERE ALLOWED BY CODE.
 17. ROOF PIPE PORTAL, RPS-N18(1) RC-2A 12x12x11H.



1
M1.2 REFLECTED CEILING PLAN
1/4"=1'-0"

DRAWING NOTES	MECHANICAL NOTES	MECHANICAL SCOPE	AIR BALANCE SCHEDULE	EXHAUST FAN SCHEDULE																																																																									
1. ALL DUCTWORK SHALL BE RUN BETWEEN OR THROUGH THE JOISTS UNLESS NOTED OTHERWISE. DUCTWORK DESIGNATED WITH (B.S.) SHALL BE RUN BELOW THE JOISTS. 2. DUCT SIZES SHOWN ARE INTERNAL FREE AREA DIMENSIONS UNLESS NOTED OTHERWISE. 3. ALL SHEET METAL DUCTWORK SHALL BE EXTERNALLY INSULATED. INSULATION IS NOT SHOWN FOR CLARITY. SEE MECHANICAL NOTES FOR INSULATION REQUIREMENTS. 4. CARBON STEEL KITCHEN EXHAUST DUCTWORK SHALL BE EXTERNALLY INSULATED. INSULATION NOT SHOWN FOR CLARITY. SEE MECHANICAL NOTES AND DETAILS FOR INSULATION REQUIREMENTS.	1. ALL PROPOSED DIFFUSER LOCATIONS APPROXIMATE. RELOCATE EXISTING DIFFUSERS WITHIN NEW CEILING GRID AS LENGTH OF CONNECTABLE DUCT WILL ALLOW. CONTRACTOR TO VERIFY DUCT SIZE AND DIFFUSER CONNECTION FOR PROPER FITTING. 2. ALL HVAC EQUIPMENT, FLEXIBLE DUCTWORK, CONTROLS, AND COMPONENTS SHALL BE IN ACCORDANCE WITH McDONALD'S HVAC SYSTEM SPECIFICATIONS; NO SUBSTITUTIONS ARE PERMITTED. CONTACT THE McDONALD'S PROJECT MANAGER FOR THESE SPECIFICATIONS. 3. THE REQUIRED HVAC COMPONENTS SHOULD BE PURCHASED AND SUPPLIED BY McDONALD'S, OR PURCHASED BY THE GENERAL CONTRACTOR FROM A McDONALD'S APPROVED NATIONAL SUPPLIER. COORDINATE WITH THE McDONALD'S PROJECT MANAGER; THE COMPONENTS ARE AS LISTED: A. INSULATED AIR CONDITIONING DUCTWORK (FLEXIBLE AND SHEET METAL) B. ALL ACCESSORIES AS NOTED AND REQUIRED TO INSTALL A WORKING HVAC SYSTEM INCLUDING DRAWBANDS, BOOTS, STARTING COLLARS, FITTINGS, WEB HANGERS, ETC.	1. EXISTING HVAC UNITS TO REMAIN 2. EXISTING RIGID DUCT TO REMAIN 3. EXISTING FLEX DUCT TO BE REMOVED AND REPLACED AS SHOWN 4. BALANCE PER AIR QUANTITIES SHOWN 5. NEW THERMOSTATS TO BE INSTALLED AS SHOWN	<table><thead><tr><th>UNIT</th><th>OUTDOOR AIR</th><th>RETURN AIR</th><th>SUPPLY AIR</th><th>EXHAUST AIR</th><th>PRESSURE</th></tr></thead><tbody><tr><td colspan="6">BASE BUILDING</td></tr><tr><td>RTU1</td><td>1500</td><td>3500</td><td>5000</td><td></td><td>+1500</td></tr><tr><td>RTU2</td><td>1200</td><td>2800</td><td>4000</td><td></td><td>+1200</td></tr><tr><td>RTU3</td><td>500</td><td>1500</td><td>2000</td><td></td><td>+500</td></tr><tr><td>EF1</td><td></td><td></td><td></td><td>-1352</td><td>-1352</td></tr><tr><td>EF2</td><td></td><td></td><td></td><td>-482</td><td>-482</td></tr><tr><td>EF3</td><td></td><td></td><td></td><td>-720</td><td>-720</td></tr><tr><td>EF4</td><td></td><td></td><td></td><td>-475</td><td>-475</td></tr><tr><td>TOTAL</td><td>3200</td><td>9900</td><td>13000</td><td>-3029</td><td>+171</td></tr></tbody></table> NOTES: 1. BALANCING TOLERANCES ARE AS FOLLOWS: HOODS: 0% TO +10% OUTDOOR AIR: 0% TO +10% SUPPLY AND RETURN AIR DIFFUSERS: -10% TO +10% TOILET EXHAUST AIR: -10% TO +10% 2. THE NUMBER IN PARENTHESES REPRESENTS THE MINIMUM VENTILATION RATE FOR THE DEMAND CONTROL VENTILATION (ECONOMIZER POSITION 1). 3. EXHAUST HOODS SHALL BE BALANCED WITH A 4" VANE ANEMOMETER.	UNIT	OUTDOOR AIR	RETURN AIR	SUPPLY AIR	EXHAUST AIR	PRESSURE	BASE BUILDING						RTU1	1500	3500	5000		+1500	RTU2	1200	2800	4000		+1200	RTU3	500	1500	2000		+500	EF1				-1352	-1352	EF2				-482	-482	EF3				-720	-720	EF4				-475	-475	TOTAL	3200	9900	13000	-3029	+171	<table><thead><tr><th>MARK</th><th>CFM</th><th>DUCT DIAMETER</th></tr></thead><tbody><tr><td>EF-1</td><td>1352</td><td>12"</td></tr><tr><td>EF-2</td><td>482</td><td>7"</td></tr><tr><td>EF-3</td><td>720</td><td>EXISTING</td></tr></tbody></table> NOTES: 1. RECONFIGURE CFM TO MATCH EXHAUST SCHEDULE 2. RECONFIGURE DUCT WORK TO MATCH EXHAUST SCHEDULE 3. EXTEND BATHROOM DUCT AND ATTACH TO EXISTING EF-4	MARK	CFM	DUCT DIAMETER	EF-1	1352	12"	EF-2	482	7"	EF-3	720	EXISTING	
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2 M1.2 KITCHEN EXHAUST HOOD INSTALLATION 1/2"=1'-0"					DATE: 10/1/2022 REV: 1 BY: J. SMITH DATE: 10/1/2022 DESCRIPTION: KITCHEN EXHAUST HOOD INSTALLATION CONSTRUCTION DRAWING SHEET NO. 45-1012 SITE ADDRESS: 3546 KING ST., ALEXANDRIA, VA 22302 MECH. REFL. CELL. PLAN																																																																								

2
M1.2 KITCHEN EXHAUST HOOD INSTALLATION
1/2"=1'-0"

TOWER ENGINEERING PROFESSIONALS 326 TRYON ROAD RALEIGH, NC 27603 OFFICE: (919) 681-4351 www.tepgroup.net		FOR CONSTRUCTION
REV	DATE	DESCRIPTION
0	04/26/2024	
McDonald's USA, LLC These drawings and specifications are the contract documents for the project. They are to be read in conjunction with the contract. The drawings and specifications are the property of McDonald's USA, LLC. They are to be used only for the project and are not to be reproduced or used for any other purpose without the written consent of McDonald's USA, LLC. The drawings and specifications are subject to change without notice.		
PROJECT NO. 2203 CLIENT: KING STREET, VA CONSTRUCTION DRAWINGS DATE ISSUED: 04/23/2024 SHEET NO. 49-1012 SHEET ADDRESS: 3246 KING ST. ALEXANDRIA, VA 22302	PROJECT NO. 2203 CLIENT: KING STREET, VA CONSTRUCTION DRAWINGS DATE ISSUED: 04/23/2024 SHEET NO. 49-1012 SHEET ADDRESS: 3246 KING ST. ALEXANDRIA, VA 22302	PROJECT NO. 2203 CLIENT: KING STREET, VA CONSTRUCTION DRAWINGS DATE ISSUED: 04/23/2024 SHEET NO. 49-1012 SHEET ADDRESS: 3246 KING ST. ALEXANDRIA, VA 22302

MECHANICAL NOTES

- GENERAL:
 1. ALL WORK PERFORMED SHALL BE IN ACCORDANCE WITH ALL LOCAL CODES AND ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION.
 2. ALL DIMENSIONS, CLEARANCES AND TOLERANCES SHALL BE VERIFIED PRIOR TO INSTALLATION.
 3. ALL MATERIALS, FIXTURES AND EQUIPMENT USED SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS. SPECIFICATIONS ARE CONTAINED WITHIN THESE DRAWINGS AND THE MCDONALD'S PROJECT MANUAL. ANY CONTRACTOR IN NEED OF A COPY OF THE MCDONALD'S PROJECT MANUAL, SHALL CONTACT THE PROJECT AREA MANAGER. ANY REQUEST FOR CHANGE FROM THE MCDONALD'S SPECIFICATIONS SHALL BE REVIEWED AND APPROVED BY THE ORIGINAL DESIGNER.
 4. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH ITS LISTING AND/OR THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
 5. SEE COORDINATION SCHEDULE FOR ADDITIONAL SCOPES OF WORK.
 6. PRIOR TO BUILDING TURNOUT, A COMPLETE START-UP, TEST, ADJUST AND BALANCE SHALL BE PERFORMED ON ALL MECHANICAL SYSTEMS. THIS WORK SHALL BE PERFORMED BY A QUALIFIED PERSONNEL WHO ARE TRAINED IN CERTIFIED TEST AND BALANCE. CONTRACTOR CAN BE FOUND BY VISITING:
<http://www.aabbco.com/directories>
<http://www.nesb.org/orc/orc.htm>
<http://www.tabcertified.org/site/content/contractors/search>
 7. UPON COMPLETION OF THE PUNCHLIST, THE MECHANICAL CONTRACTOR AND THE ELECTRICAL CONTRACTOR SHALL BE REQUIRED TO PROVIDE TO THE ARCHITECT DRAWINGS ALONG WITH THE TEST AND BALANCE REPORT AND ALL EQUIPMENT OPERATION AND MAINTENANCE MANUALS TO THE MCDONALD'S AREA COORDINATOR/ MANAGER. THE TEST AND BALANCE REPORT SHALL BE PROVIDED, ONE (1) FOR REGIONAL RECORDS AND ONE (1) FOR THE REGIONAL ARCHITECT.
 8. ALL PENETRATIONS OF FIRE-RATED WALLS SHALL BE FIRESTOPPED WITH AN APPROVED AND LISTED FIRESTOPPING SYSTEM.

VENTILATION SYSTEMS:

2. SHEET METAL DUCTWORK SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH ULC CODES AND SMCMA STANDARDS.
3. ALL DUCTWORK DIMENSIONS ARE INTERNAL FREE AREA DIMENSIONS AND SIZED FOR 1" O.C. PER 100 FT. OF DUCT.
4. ALL SHEET METAL DUCTWORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH SMCMA TAPES FOR 2" W.C. AND SHALL BE SUPPORTED WITH AN APPROVED HANGING INTERVALS NOT EXCEEDING 10 FEET.
5. ALL DUCT DROPS INTO THE BUILDING SHALL BE INSTALLED WITH FLEXIBLE CONNECTIONS TO ISOLATE THE DUCTWORK SYSTEM FROM NOISE AND VIBRATION. FLEXIBLE CONNECTIONS SHALL BE TESTED IN ACCORDANCE WITH A TEST METHOD AS APPROVED BY THE AUTHORITY HAVING JURISDICTION.
6. ALL DUCT DROPS INTO THE BUILDING SHALL BE OFFSET AS NECESSARY TO ALLOW FOR THE CLEAR INSTALLATION OF THE EXTERNAL DUCTWORK INSULATION.
7. ALL DUCTWORK BRANCHES SHALL BE SUPPLIED WITH A VOLUME DAMPER FOR BALANCING. VOLUME DAMPER SHALL HAVE A 2" OFFSET TO ACCOMMODATE EXTERNAL INSULATION.
8. TAKE-OFFS FROM RECTANGULAR TO ROUND DUCT SHALL BE DUCTIMATE STRAIGHT-ROD OR CENTER HITS. TAKE-OFFS WITH A 2" DAMPER STAND-OFF TO ACCOMMODATE FOR EXTERNAL INSULATION.
9. ALL DUCTWORK JOINTS, LONGITUDINAL AND TRANSVERSE SEAMS SHALL BE SEALED WITH WELDS, GASKETS, MASTICS (ADHESIVES), TAPES, ETC. ALL SEALING MATERIALS SHALL BE USED IN ACCORDANCE WITH UL 181A OR 181B.

9. ALL SUPPLY AND RETURN SPLIT METAL DUCTWORK LOCATED WITHIN THE CEILING SPACE SHALL BE EXTERNALLY INSULATED. INSULATION SHALL BE 2" THICK POLYURETHANE FOAM OR 1" MINIMUM R-VALUE FIBERGLASS BATT.
10. ALL SUPPLY AND RETURN SPLIT METAL DUCTWORK LOCATED OUTSIDE OF THE BUILDING SHALL BE INTERNALLY LINED WITH A 1" THICK FIBERGLASS MAT (R-4.2). EXTERNALLY INSULATED WITH 2" THICK POLYURETHANE FOAM, POLYSTYRENE, POLYISOCYANURATE BOARD (MIN. R-7.5). INTERNAL FIBERGLASS INSULATION SHALL BE UNLATCH BY JOHNS MANVILLE OR EQUIV. EXTERIOR BOARD INSULATION SHALL BE THERMAPIK BY OWENS CORNING OR EQUAL.
11. EXPOSED SPRINKLER DUCTWORK SHALL BE INTERNALLY INSULATED TO PREVENT ICE BUILDUP. INSULATION SHALL HAVE AN R-VALUE NOT BE THICKER THAN SPRAQUIGUAC PLUS BY JOHNS MANVILLE OR EQUAL.
12. ALL DUCTWORK PENETRATIONS THROUGH FIRE-RATED WALLS, BARRIERS OR PARTITIONS SHALL BE PROTECTED WITH A FIRE DAMPER. THE PERIMETER OF EACH DAMPER SHALL BE FIRESTOPPED WITH AN APPROVED AND LISTED FIRESTOPPING MATERIAL.
13. ALL EXTERIOR SHEET METAL DUCTWORK SHALL BE INTERNALLY WRAPPED WITH WEATHERPROOFING WATER MEMBRANE TO PROTECT AGAINST WATER PENETRATION AND CORROSION. WEATHERPROOFING MATERIAL WEATHERPROOFING SHALL BE ALUMINAUMD 60 MIL UV BARRIER BY POLYMERIZATION EQUIV. OR 8 MIL BUTYL RUBBER BY POLYMERIZATION EQUIV. VAPORSHIELD SHALL BE VAPOURGUARD 5 MIL MEMBRANE BY POLYGAUD OR EQUIV.
14. ALL FLEXIBLE DUCTWORK, METALLIC AND NONMETALLIC, SHALL CONFORM TO:
 - a. 2" THICK INSULATION (R=6.0)
 - b. INTEGRAL VAPOR BARRIER
 - c. TESTED AND LABELED AS CLASS 1, CLASS 0 OR CLASS 1
15. d. INSTALLED IN ACCORDANCE WITH:
 - i. SMACNA STANDARDS
 - ii. AIR DIFFUSION CONTROL INSTALLATION GUIDELINES, AND/OR
 - iii. MANUFACTURER'S INSTALLATION INSTRUCTIONS
16. FLEXIBLE DUCTWORK SHALL NOT PENETRATE WALLS. SHEET METAL DUCTWORK SHALL NOT PENETRATE WALLS OR ROOFS.
17. ALL COVERINGS, LININGS AND ADHESIVES (TAPES, ETC.) SHALL HAVE A FLAME-SPREAD INDEX NOT GREATER THAN 25 AND A SMOKE-DEVELOPED INDEX NOT GREATER THAN 50.
18. DUCT-MOUNTED SMOKE DETECTORS SHALL BE INSTALLED IN SYSTEMS WITH DESIGN TEMPERATURES GREATER THAN 2,000 CFM. USE MECHANICAL DRAWINGS FOR LOCATIONS OF SMOKE DETECTORS.
19. ALL AREAS WHEREVER THERE IS A POSSIBILITY OF PENETRATIONS THROUGH AREA SMOKE DETECTORS CONNECTED TO A FIRE ALARM SYSTEM WHERE THE DETECTOR SIGNAL IS CANCELED OR SHUT OFF MUST BE PROVIDED WITH:
20. ALL SUPPLY AIR DIFFUSERS SHALL BE INSULATED TO PREVENT CONDENSATION.
21. AIR VOLUME DAMPERS LOCATED IN DRYWALL CEILINGS SHALL BE SUPPLIED WITH AN INTERLOCK FROM DAMPER ACCESSIBLE FROM THE AIR SERVICE FAULT TO FACILITATE BALANCING.
22. ALL OUTDOOR AIR INTAKES SHALL BE LOCATED A MINIMUM OF 10 FT. HORIZONTAL DISTANCE FROM EXHAUSTS, EXTRACTS, CHIMNEYS, ROOFTOP HEAT PUMPS, PLUMBING VENTS, WATER HEATER FLUES, ETC., WHEREA A CONTAMINANT SOURCE IS LOCATED WITHIN A MINIMUM OF 2 FT. BELOW THE CONTAMINANT SOURCE SHALL BE LOCATED A MINIMUM OF 2 FT. BELOW THE CONTAMINANT SOURCE.

20. ALL ROOFTOP CONDENSING UNITS THAT DISCHARGE HORIZONTALLY SHALL BE ORIENTED SUCH THAT THE DISCHARGE DOES NOT BLOW IN THE DIRECTION OF TRAFFIC OR INTO ADJACENT STRUCTURES.
- COMMERCIAL KITCHEN EXHAUST SYSTEMS**
 1. ALL METAL DUCTWORK USED FOR THE CONVEYANCE OF GREASE-LADEN AIR SHALL BE CONSTRUCTED OF MINIMUM 18 GAUGE STAINLESS STEEL OR 16 GAUGE CARBON STEEL (BLACK IRON).
 2. ALL GREASE EXHAUST DUCTWORK JOINTS SHALL BE EITHER TELESCOPING OR BELL TYPE, BUT WELDED JOINTS ARE PROHIBITED.
 3. ALL GREASE EXHAUST DUCTWORK SEAMS AND JOINTS SHALL BE CONTINUOUSLY WELDED WELDING SHALL BE ON THE SURFACE OF THE DUCT SYSTEM.
 4. ALL WELDING SHALL BE PERFORMED BY A CERTIFIED WELDER.
 5. ALL GREASE EXHAUST DUCTWORK SHALL BE EXTERNALLY INSULATED WITH A ASTM E2336 LISTED AND LABELED GREASE DUCT ENCLOSURE SYSTEM.
 6. INSULATION SHALL BE INSTALLED WITH ITS LISTING AND MANUFACTURER'S INSTALLATION INSTRUCTIONS.
21. ACCESS PANELS SHALL BE PROVIDED AT ALL CHANGES IN DIRECTION OF THE GREASE EXHAUST DUCTWORK SYSTEM. ACCESS PANELS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND SHALL BE LABELED AS FOLLOWS: "ACCESS PANEL - DO NOT REMOVE".
22. ALL HORIZONTAL GREASE EXHAUST DUCTWORK SHALL BE INSTALLED WITH A MINIMUM $\frac{1}{4}$ " PER FOOT SLOPE AND SHALL BE PITCHED BACK TOWARD THE HOOD.
23. UPRAIST KITCHEN EXHAUST FANS SHALL BE LOCATED A MINIMUM OF 8 FT. FROM ANY PARAPET WALL OR ADJACENT STRUCTURE AND SHALL TERMINATE A MINIMUM OF 40 INCHES ABOVE THE FINISHED ROOFING MATERIAL.

REFRIGERANT PIPING:

1. ALL REFRIGERATION WORK SHALL BE PERFORMED BY A CERTIFIED REFRIGERATION CONTRACTOR.
2. ALL REFRIGERANT PIPING SHALL BE SEAMLESS COPPER TUBING OF TYPE L IN ACCORDANCE WITH ASTM B 88 AND ALL JOINTS SHALL BE SOLDERED.
3. ALL REFRIGERANT Suction LINES SHALL BE INSULATED WITH A MINIMUM 1" TOTAL INSULATION. INSULATION SHALL BE PROTECTED WITH A MINIMUM 1/2" PROTECTION WITH AN APPROVED WEATHERPROOFING MATERIAL.
4. ALL SUSPENDED REFRIGERANT PIPING SHALL BE SUPPORTED AS FOLLOWS:

MATERIAL	MAX. HORIZ. SPACING	MAX. VERT. SPACING
COPPER TUBING <1/4"	10 FT.	10 FT.
COPPER TUBING >1/4"	8 FT.	10 FT.
5. ALL PIPE INSULATION SHALL BE PROTECTED FROM DAMAGE FROM PIPE HANGERS. PROTECTION SHALL BE LIGHT GAUGE GALVANIZED STEEL OR EQUIV.
6. ALL REFRIGERANT PIPING SYSTEMS SHALL BE PRESSURE TESTED FOR LEAKS PRIOR TO START-UP. ALL LEAKS SHALL BE REMEDIED PRIOR TO BUILDING OCCUPANCY.

CO2 DETECTION EQUIPMENT:

1. THE CO2 DETECTOR SHALL BE HARD-WIRED TO PREVENT TAMPERING AND SHALL BE INSTALLED AT 12" A.F.F. WITHIN A 5 FT. RADIUS OF THE CO2 STORAGE TANKS.
2. ONE (1) AUDIBLE AND ONE (1) VISUAL ALARM SHALL BE INSTALLED A MINIMUM OF 7 FT. A.F.F., IN PLAIN SIGHT IN THE SAME ROOM AS THE CO2 STORAGE TANKS.
3. ONE (1) AUDIBLE AND ONE (1) VISUAL ALARM SHALL BE INSTALLED A MINIMUM OF 7 FT. A.F.F., AT THE BACK OF THE KITCHEN AND IN PLAIN SIGHT FROM THE MAIN SIDE OF THE PREP LINE.

NATURAL GAS SYSTEMS (IF APPLICABLE):

1. GAS PIPING: WATER HEATER VENTING, HEATERS AND FLUES SHALL CONFORM WITH THE CURRENT VERSION OF NFPA 54. NATURAL GAS CODE AND ANY LOCAL CODE REQUIREMENTS.
2. THE NATURAL GAS MAIN PIPE SIZING IS BASED ON THE FOLLOWING:
 - A. SUPPLY PRESSURE AT THE METER OR 1.0 W.C. & PSIG
 - B. 1 PSIG PRESSURE DROP FROM METER TO FARTHEST APPLIANCE
 - C. 1,000 BTU PER CU. FT. OF NATURAL GAS
3. GAS PIPING RUN-OUTS TO EQUIPMENT ARE SIZED BASED ON THE FOLLOWING:
 - A. SUPPLY PRESSURE AT THE METER OR 1.0 W.C. & PSIG
 - B. 0.5" W.C. PRESSURE DROP FROM REGULATOR TO FARTHEST APPLIANCE
 - C. 1,000 BTU PER CU. FT. OF NATURAL GAS
4. THE NATURAL GAS PIPE SHALL BE SCHEDULE 40 CARBON STEEL PIPE WITH MULTIPLE FITTINGS AND JOINTS. THE METER OR ONE OF THE FOLLOWING STANDARDS: ASME B36.10, ASTM A 53; OR ASTM A 106.
5. NATURAL GAS PRESSURE REGULATORS SHALL BE MAXITROL 325 SERIES OR EQUAL.
6. THE CURRENT TYPE PIPING SHALL BE SUPPORTED AS FOLLOWS:

SIZE	MAX. HORIZ. SPACING	MAX. VERT. SPACING
1/2"	6 FT.	6 FT.
3/4"	8 FT.	8 FT.
1"	10 FT.	10 FT.
7. GAS PIPING SHALL NOT PENETRATE ANY FIRE-RATED CHASE OR OUTDOOR OR PLENUM.
8. ALL NATURAL GAS PIPING INSTALLED OUTDOORS SHALL BE COATED WITH A CORROSION RESISTANT PAINT. PAINT COLOR SHALL BE ORANGE OR YELLOW.
9. ALL INTAKE AND VENT PIPING FOR SEALED-COMBUSTION WATER HEATERS

1. WITH THE MANUFACTURER'S INSTRUCTIONS AND SHALL BE INSTALLED BY THE PLUMBING CONTRACTOR.
2. ALL WATER HEATER VENTS SHALL BE LOCATED A MINIMUM OF 10 FT. HIGHER THAN THE EXHAUST AIR INTAKE, WHERE A WATER HEATER VENT IS LOCATED WITHIN 10 FT. OF AN INTAKE, THE FLUE OR VENT SHALL TERMINATE A MINIMUM OF 10 FT. ABOVE THE INTAKE.
3. UPON COMPLETION OF INSTALLATION, THE GAS PIPING SYSTEM SHALL BE PURGED OF DELETERIOUS MATERIAL AND SHALL BE PRESSURE TESTED. PRESSURE TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE CODES OF VALVES IN THE CLOSED POSITION TO PROTECT EQUIPMENT FROM DAMAGE DUE TO EXCESSIVE PRESSURE.
4. AFTER THE PRESSURE TEST HAS BEEN COMPLETED AND ANY LEAKS REMOVED, THE INSTALLING CONTRACTOR SHALL MEASURE AND VERIFY THE FOLLOWING GAS PRESSURES WHILE EQUIPMENT IS IN OPERATION:
- A. FRYER - 6" W.C. NATURAL, 14" W.C. LP.
- B. FRYER - 6" W.C. NATURAL, 14" W.C. LP.
- C. WATER HEATER - 6" W.C. NATURAL, 14" W.C. LP.
- D. HVAC UNIT - 6" W.C. NATURAL, 14" W.C. LP.
5. IF THE MINIMUM PRESSURES ARE NOT MET, THIS SHALL BE IMMEDIATELY REPORTED TO THE MCDONALD'S AREA CONSTRUCTION MANAGER.

CONDENSATE PIPING:

1. CONDENSATE PIPING SHALL BE GALVANIZED STEEL, COPPER OR PVC.
2. PVC PIPE SHALL BE PAINTED WITH WATER BASED LATEX PAINTING TO RESIST DEGRADATION FROM ULTRAVIOLET EXPOSURE.
3. PIPE SUPPORTS SHALL BE RPS MODEL PMP-2 OR EQUAL. QUANTITY AS REQUIRED DEPENDANT UPON PIPING MATERIAL.
4. PIPING SHALL BE SUPPORTED AS FOLLOWS:

MATERIAL	MAX. HORIZ. SPACING	MAX. VERT. SPACING
COPPER PIPE	12 FT.	10 FT.
GALVANIZED STEEL	12 FT.	15 FT.
PVC	4 FT.	15 FT.
5. CONDENSATE PIPING SHALL SLOPE A MINIMUM OF 1/8" PER FOOT.
6. CONDENSATE PIPING SHALL BE SIZED BASED ON THE FOLLOWING:

TOTAL TONS SERVED BY PIPE	MINIMUM PIPE SIZE
------------------------------	----------------------

- | | |
|---------------------|------------------|
| <20 TONS | $\frac{3}{4}$ " |
| >20 TONS, <40 TONS | 1" |
| >40 TONS, <125 TONS | $1\frac{1}{2}$ " |

1000

- | | |
|---------------|---------------------------|
| ABBREVIATIONS | |
| ACM | AREA CONSTRUCTION MANAGER |

ABBREVIATIONS

ACM	AREA CONSTRUCTION MANAGER
B.J.	BELOW JOISTS
BSI	BEVERAGE SYSTEM INSTALLER
DCV	DEMAND CONTROL VENTILATION
E.A.	EXHAUST AIR
EC	ELECTRICAL CONTRACTOR
FAC	FIRE ALARM CONTRACTOR
FOB	FLAT ON BOTTOM
FOT	FLAT ON TOP
FPC	FIRE PROTECTION CONTRACTOR
GC	GENERAL CONTRACTOR
I.D.	INSIDE DIMENSION
KEI	KITCHEN EQUIPMENT INSTALLER
KES	KITCHEN EQUIPMENT SUPPLIER
M.A. (S)	MIXED AIR - SUMMER
M.A. (W)	MIXED AIR - WINTER
MC	MECHANICAL CONTRACTOR
O.A.	OUTDOOR AIR
O.D.	OUTSIDE DIMENSION
O/O	OWNER/OPERATOR
PC	PLUMBING CONTRACTOR
R.A.	RETURN AIR
RC	REFRIGERATION CONTRACTOR
S.A.	SUPPLY AIR
S.P.	STATIC PRESSURE
TAB	TEST AND BALANCE CONTRACTOR

LEGEND

- | | |
|--|---|
| | TEMPERATURE SENSOR |
| | AVERAGING TEMPERATURE SENSOR |
| | CO2 SENSOR FOR ROOFTOP UNIT
DEMAND CONTROL VENTILATION |
| | HUMIDITY SENSOR |
| | THERMOSTAT |
| | SMOKE DETECTOR |
| | EQUIPMENT TAG
SEE EQUIPMENT SCHEDULE |
| | DEFUSER INFORMATION
LINE 1: TAG
LINE 2: AIRFLOW |
| | SUPPLY AIR DUCT (VERTICAL) |
| | RETURN OR EXHAUST AIR DUCT
(VERTICAL) |
| | ROUND DUCT (VERTICAL) |
| | STEADY-STATE SPEED CONTROLLER |
| | SUPPLY AIR
MAKE MODEL
TITUS OMNI
PRICE SPD |
| | RETURN AIR
MAKE MODEL
TITUS 23RL
PRICE 60L |
| | 4 WAY SUPPLY AIR
MAKE MODEL
TITUS OMNI
PRICE SPD |
| | 2 WAY SUPPLY AIR
MAKE MODEL
TITUS OMNI
PRICE SPD |
| | SUPPLY AIR
MAKE MODEL
TITUS OMNI
PRICE SPD |
| | EXISTING SUPPLY AIR TO REMAIN
MAKE MODEL
TITUS OMNI
PRICE SPD |
| | EXISTING EXHAUST AIR TO REMAIN
MAKE MODEL
TITUS 23RL
PRICE 60L |
| | EXISTING SUPPLY AIR TO REMAIN |
| | EXISTING RETURN AIR TO REMAIN |
| | SPIN-IN COLLAR WITH VOLUME
DAMPER |
| | VOLUME DAMPER |
| | EXISTING FLEXIBLE DUCTWORK
(NUMBER DESIGNATES INSIDE DIA.) |
| | NEW FLEXIBLE DUCTWORK (NUMBER
DESIGNATES INSIDE DIAMETER) |
| | SHEET METAL "T" FOR
FLEX DUCTWORK |

CONTROLS

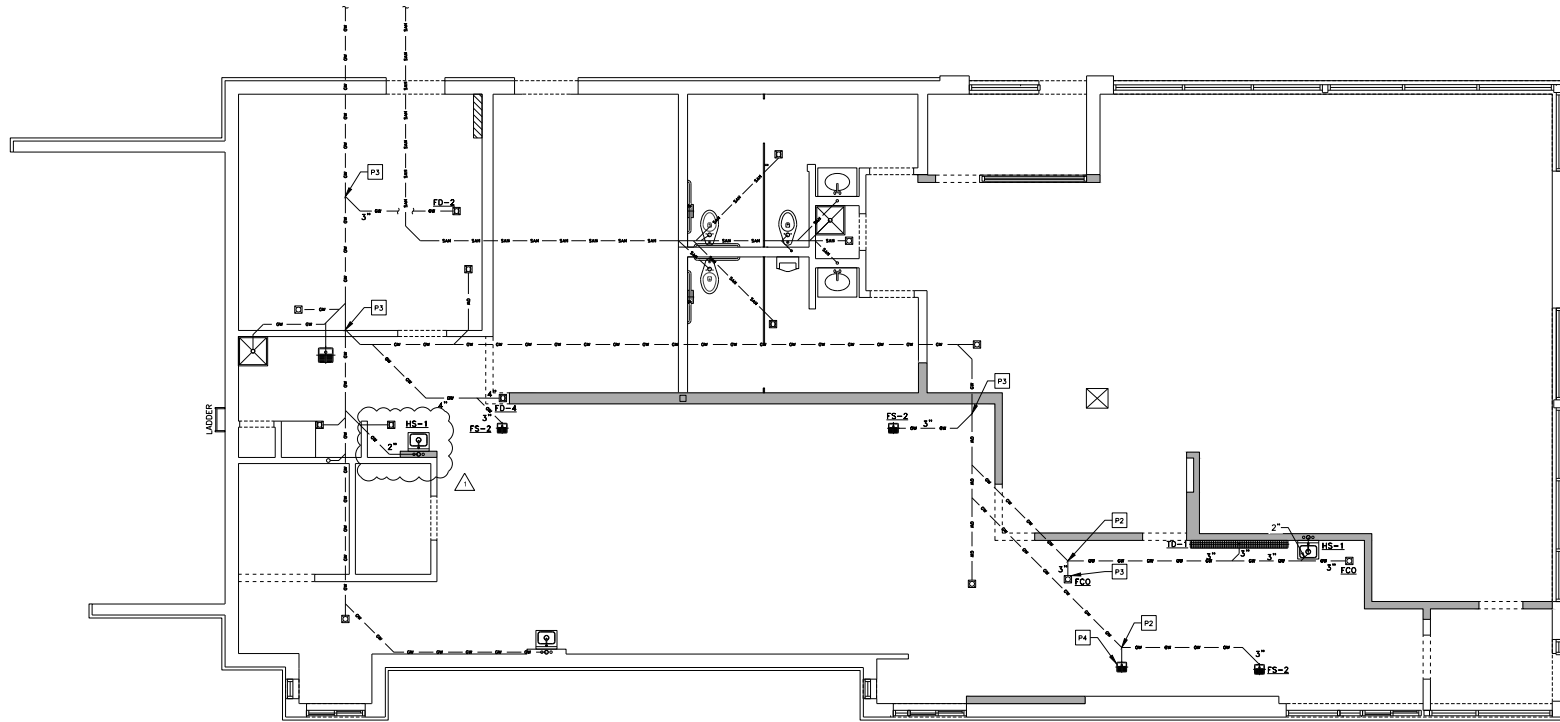
SYMBOL	DESCRIPTION	MANUFACTURER
(T)	24V THERMOSTAT (ROOFTOP UNITS)	HONEYWELL
	120V THERMOSTAT (COMPUTER CLOSET)	HONEYWELL
(TS)	REMOTE TEMPERATURE SENSOR	HONEYWELL
(TA)	REMOTE AVERAGING TEMPERATURE SENSOR	HONEYWELL
(HS)	REMOTE HUMIDITY SENSOR	HONEYWELL
	BULK CO ₂ DETECTION SYSTEM	LOGICOR

NOTES:
 1. TO ORDER HONEYWELL EQUIPMENT CALL (800)575-4841
 2. SEE KITCHEN DRAWINGS FOR BULK CO₂ DETECTION LOCATIONS

NOTES

1. TO ORDER HONEYWELL EQUIPMENT CALL (800)575-4841
2. SEE KITCHEN DRAWINGS FOR BULK CO2 DETECTION LOCATIONS

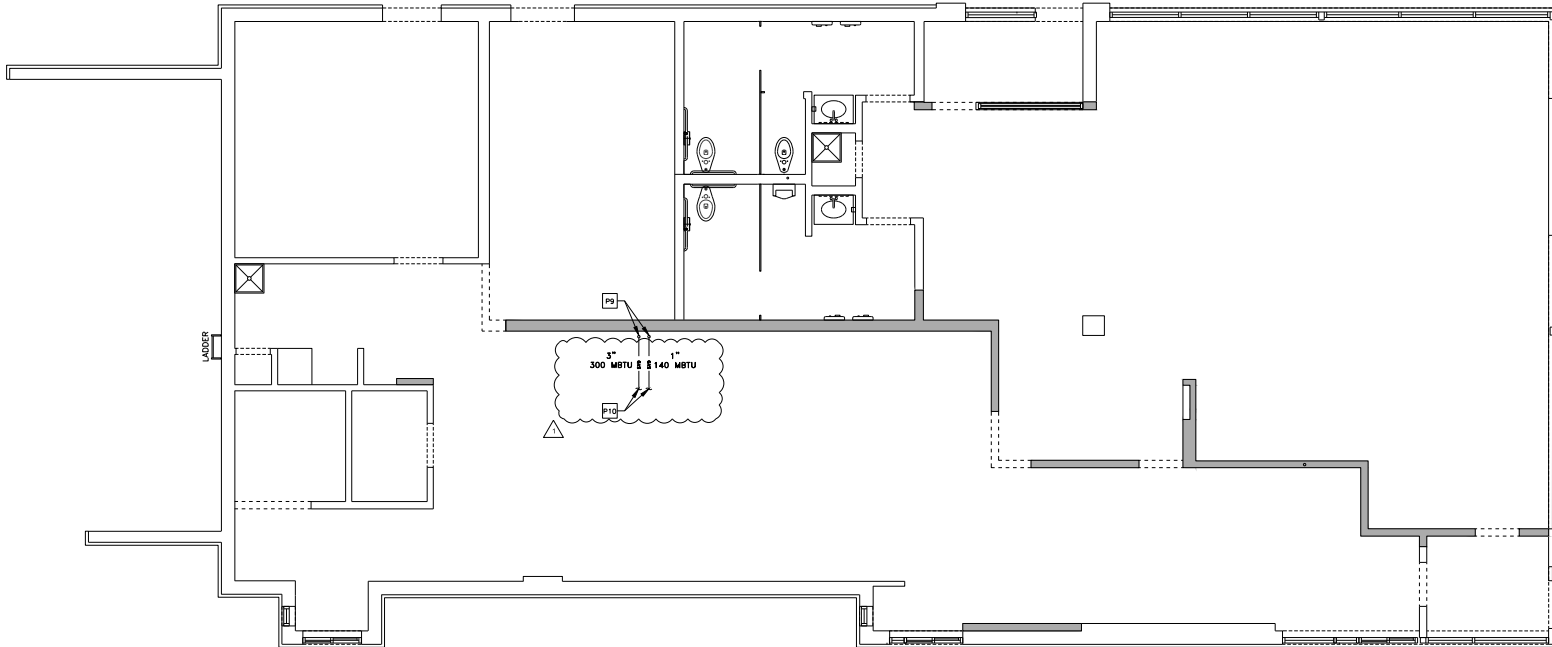
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1 WASTE PIPING PLAN
P1.1 1/4" = 1'-0"

LEGEND	DRAWING NOTES	KEYED NOTES
EQO 6x6 FLOOR CLEAN OUT SEE PLUMBING FIXTURE SCHEDULE ON SHEET P4.0 FD-4 6x6 FLOOR DRAIN SEE PLUMBING FIXTURE SCHEDULE ON SHEET P4.0 FD-4 6x6 FLOOR DRAIN SEE PLUMBING FIXTURE SCHEDULE ON SHEET P4.0 FS-2 8x6 FLOOR SINK WITH HALF-GRADE SEE PLUMBING FIXTURE SCHEDULE ON SHEET P4.0 HS-1 STAINLESS STEEL HAND SINK SEE PLUMBING FIXTURE SCHEDULE ON SHEET P4.0 TD-1 TRENCH DRAIN SEE PLUMBING FIXTURE SCHEDULE ON SHEET P4.0	1. PIPING ROUTES ARE GENERAL AND MAY VARY DUE TO FIELD CONDITIONS. COORDINATE ALL PIPE ROUTES WITH OTHER TRADES. 2. WALL CLEAN-OUTS FOR WASTE PIPING NOT SHOWN FOR CLARITY. SEE GENERAL NOTES FOR REQUIREMENTS. 3. ONLY MAIN FLOOR CLEAN-OUTS ARE SHOWN FOR CLARITY. SEE GENERAL NOTES FOR REQUIREMENTS.	P2 CONNECT TO EXISTING GREASE WASTE - CONTRACTOR TO VERIFY EXACT LOCATION IN THE FIELD P3 REPLACE EXISTING FIXTURE WITH EQO P4 CONNECT CENTER ISLAND EQUIPMENT TO EXISTING FS-2

SHEET NO. P1.1 WASTE PIPING PLAN	TITLE KING STREET, VA CONSTRUCTION DRAWINGS	DRAWN BY DUA TEP P.D. INL. REVISED BY PTH DATE ISSUED 07/19/2024	PREPARED FOR McDonald's USA, LLC These drawings and specifications are the confidential and proprietary information of McDonald's USA, LLC. The contractor shall not use, reproduce, or disseminate this information without the written authorization of McDonald's USA, LLC. Any unauthorized use or disclosure of this information may result in legal action. The contractor shall indemnify and hold McDonald's USA, LLC harmless from all claims, damages, and expenses, including reasonable attorneys' fees, arising from any use or disclosure of this information without the written authorization of McDonald's USA, LLC.	DATE 07/19/2024	REV 0 DATE 04/26/2024 REVISED PER HEALTH DEPARTMENT COMMENTS FOR CONSTRUCTION	DESCRIPTION
 TOWER ENGINEERING PROFESSIONALS 328 TRYON ROAD RALEIGH, NC 27603 OFFICE: (919) 661-6351 www.tepgroup.net July 19, 2024						



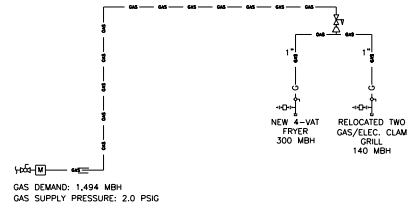
1
P1.2
MECHANICAL PIPING PLAN
1/4" = 1'-0"

DRAWING NOTES

1. REFRIGERANT PIPE SIZES SHALL BE PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.

KEYED NOTES

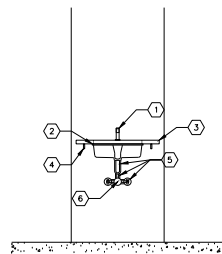
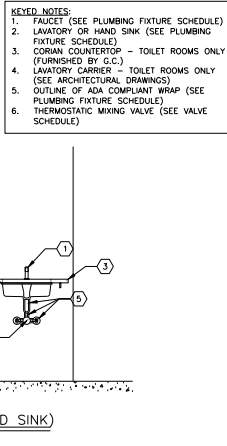
- P9** GAS PIPE DOWN IN CHASE TO COOKING APPLIANCE - APPROX. 11 FT. DROP (TYP. 3 PLACES)
P10 CONNECT TO EXISTING GAS LINE IN KITCHEN IN CEILING



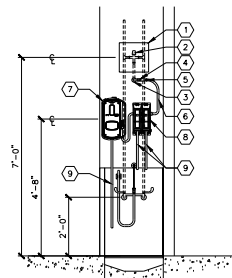
GAS DEMAND: 1,494 MBH
GAS SUPPLY PRESSURE: 2.0 PSIG

GAS RISER DIAGRAM
NOT TO SCALE

SHEET NO. P1.2	TITLE KING STREET, VA	DESCRIPTION CONSTRUCTION DRAWINGS	DATE ISSUED 07/17/2024	REVIEWED BY FTN	DRAWN BY DJA	PREPARED FOR McDonald's USA, LLC	TOWER ENGINEERING PROFESSIONALS 326 TRYON ROAD RALEIGH, NC 27603 OFFICE: (919) 681-6351 www.tepgroup.net	REV	DATE	REVISIONS		
										1	07/19/2024	REVISED PER HEALTH DEPARTMENT COMMENTS FOR CONSTRUCTION
										0	04/26/2024	DESCRIPTION



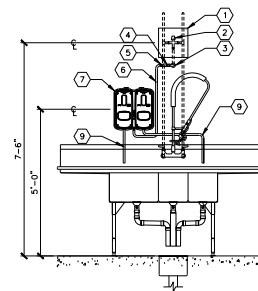
2 LAVATORY (OR HAND SINK)
P3.0 1/2"=1'-0"



4
P3.0

CHEMICAL SYSTEM INSTALLATION

1/2"=1'-0"



KEYED NOTES:

1. 2"x12" ACCESS PANEL (COORDINATE INSTALLATION WITH G.C.)
2. THERMOSTATIC MIXING VALVE SET TO 110°F (SEE VALVE SCHEDULE)
3. PIPE THROUGH WALL WITH ESCUTCHEON PLATE
4. SHUT-OFF VALVE
5. ¾" MHT CONNECTION

*****PLUMBER'S WORK ENDS AT MHT CONNECTION*****

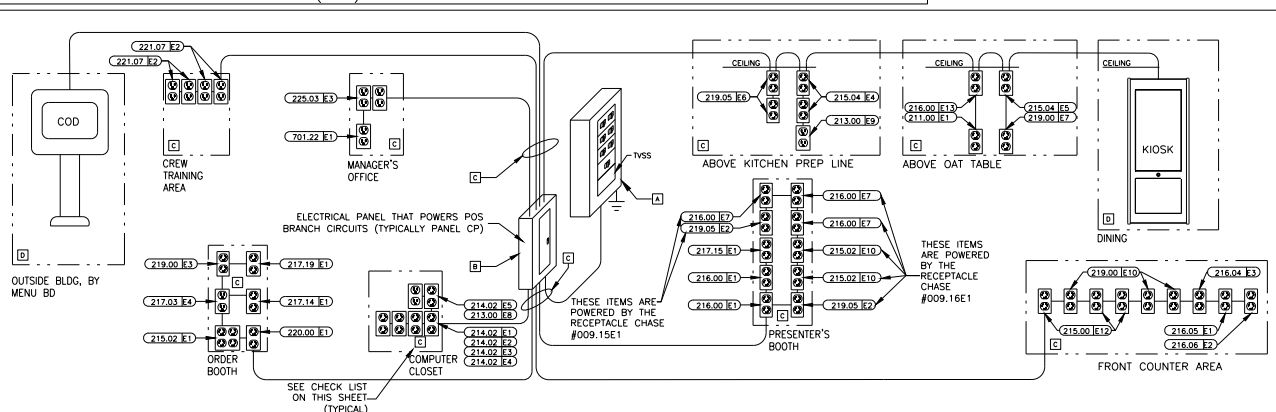
6. HOSE TO CHEMICAL SYSTEM
7. ECOLAB SOLIDENSE CHEMICAL DISPENSER
8. ECOLAB SMARTSHAPE CHEMICAL DISPENSER
9. CHEMICAL DISPENSING HOSE

[illegible][illegible]

SHEET NO. P3.0
DETAILS

LINE ID	SITE ADDRESS
5-1012	3246 KING ST. ALEXANDRIA, VA 22302

THE PURPOSE OF THIS SHEET IS TO PROVIDE A CHECKLIST AND VISUAL GUIDE SO THE INSTALLING EC CAN VERIFY THE WORK IS IN COMPLIANCE WITH MCDONALD'S SPECIFICATIONS THAT ARE CRITICAL TO THE PROPER FUNCTIONING OF OUR POINT OF SALE (POS) COMPUTER SYSTEMS.



POS ELECTRICAL RISER DIAGRAM

THIS RISER DIAGRAM SHOWS THE ELECTRICAL ROUGH-INS REQUIRED FOR A TYPICAL POINT OF SALE (POS) SYSTEM IN A FREE STANDING FAST FORWARD RESTAURANT. VERIFY ALL POS ROUGH-INS AND MOUNTING HEIGHTS WITH THE ELECTRICAL ROUGH-IN PLAN, NOTES AND INFORMATION DRAWINGS.

ISOLATED GROUND SYMBOLS	
SYMBOL	DESCRIPTION
	IG4710
	IG4700A
	IG5261
	IG5262

LOW VOLTAGE CABLE MANAGEMENT SPECIFICATION

GENERAL/MATERIALS

1. THE GC OR EC SHALL FURNISH AND INSTALL COMPLETE LOW VOLTAGE CABLE MANAGEMENT SYSTEM UTILIZING CADDY-ERCO TYPE CAT-32 J-HOOK SUPPORTS (2-INCH DIAMETER LOG MINIMUM). ALL J-HOOKS SHALL:
- HAVE A MINIMUM BEARING SURFACE OF 1/4".
 - HAVE FLARED EDGES TO PREVENT DAMAGE TO HIGH PERFORMANCE CABLES.
 - HAVE AN GALVANNEO-ZINC FINISH.
 - HAVE 5/8" WIDE CABLE RETAINING STRIPS.
 - BE UL LISTED AND LABELED.
 - BEAR THE UL SYMBOL MARKING ON THE PART FOR IDENTIFICATION
 - BE INSTALLED PER THE MANUFACTURERS INSTALLATION INSTRUCTIONS.
2. THE ENTIRE INSTALLATION SHALL BE IN COMPLIANCE WITH THE AMERICAN ELECTRICAL CODE, NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 70E, AND ALL APPLICABLE NATIONAL, STATE, LOCAL, AND SAFETY CODES, AND MCDONALD'S SPECIFICATIONS.
3. LOW VOLTAGE J-HOOK CABLE SUPPORTS AND APPURTENANCES SHALL BE FASTENED TO THE BUILDING STRUCTURAL AND/OR FRAMING MEMBERS. LOW VOLTAGE J-HOOK CABLE SUPPORTS SHALL NOT BE FASTENED TO OR UTILIZE THE CEILING OR FLOORING. THE CONTRACTOR, FOR INSTALLATION, CONTRACTOR SHALL PROVIDE ALL NECESSARY BRACKETS, HANGERS, RODS, CLAMPS, FLANGES, SUPPORTS, ETC. FOR A COMPLETE AND FULLY FUNCTIONAL SYSTEM. THE INSTALLATION OF THE LOW VOLTAGE CABLE MANAGEMENT SYSTEM SHALL BE SUCH THAT THE ROUTING OF THE CABLES IS PARALLEL TO AND/OR PERPENDICULAR TO FRAMING AND STRUCTURAL BUILDING MEMBERS.

INSTALLATION

1. LOW VOLTAGE J-HOOK CABLE PATHWAY (FOR POS CABLING SYSTEM) SHALL BE PROVIDED FROM THE MANAGERS OFFICE (OR COMPUTER CLOSET) DATA CONDUIT STUB-UP LOCATION TO THE FOLLOWING DATA CONDUIT STUB-UP LOCATIONS (AS APPLICABLE):

- FRONT COUNTER.
- PRESENTERS BOOTH.
- CASHIERS BOOTH.
- THIRD DRIVE-THRU WINDOW(IF PRESENT)
- CREW ROOM.
- VALENCE WALL.
- REMOTE ORDERING STATIONS.
- NETPOP TELEPHONE PANEL LOCATION.

CABLE SUPPORTS SHALL BE PROVIDED WITHIN 24 INCHES OF THESE STUB-UP LOCATIONS. ALL STUB-UP CONDUITS SHALL BE PROVIDED WITH AN INSULATED BUSHING TO PROTECT CABLES DURING INSTALLATION.

4. LOW VOLTAGE J-HOOK CABLE SUPPORTS SHALL BE INSTALLED AT A MAXIMUM OF 36 INCHES APART. AT TRANSITION LOCATIONS, THE CONTRACTOR SHALL PROVIDE ADDITIONAL J-HOOKS TO ALLOW FOR A MINIMUM ONE-FOOT RADIUS BEND AND FOR ADDITIONAL CABLE SUPPORT AT THESE TRANSITION POINTS.
5. TO AVOID ELECTROMAGNETIC INTERFERENCE (EMI), ALL PATHWAYS SHALL PROVIDE A MINIMUM OF 4 FEET (1.2 METERS) FROM MOTORS AND TRANSFORMERS. PROVIDE A MINIMUM CLEARANCE OF 1 FOOT (0.3 METERS) FROM CONDUIT AND CABLES UTILIZED FOR ELECTRICAL POWER DISTRIBUTION, OR FROM FLUORESCENT OR HID LIGHT FIXTURES AND OTHER NON-POS LOW VOLTAGE CONDUCTORS.
6. ANY CEILING TILES IN THE AREA WHERE THE LOW-VOLTAGE CABLE MANAGEMENT SYSTEM IS LOCATED SHALL NOT BE INSTALLED UNTIL THE POS VENDOR'S CONTRACTOR COMPLETES THE INSTALLATION OF ALL POS CABLING.
7. ALL NON-POS LOW VOLTAGE CABLING SHALL BE INSTALLED IN A SEPARATE CABLE MANAGEMENT SYSTEM INDEPENDENT OF THE LOW-VOLTAGE CABLE MANAGEMENT SYSTEM UTILIZED FOR THE POS CABLING.
8. THE POS INSTALLER SHALL BE RESPONSIBLE TO FURNISH AND INSTALL ALL LOW VOLTAGE CABLING REQUIRED FOR THE COMPLETE AND FULLY FUNCTIONAL OPERATION OF THE POS SYSTEM. POS CABLING SHALL BE INSTALLED WITHIN THE LOW-VOLTAGE CABLE MANAGEMENT SYSTEM.

ELECTRICAL POS CERTIFICATION

AS OF THE DATE BELOW, I HEREBY CERTIFY THAT ALL ELECTRICAL WORK, ELECTRICAL SERVICE AND ELECTRICAL SYSTEMS, MATERIALS AND LABOR RELATED TO THE POS ELECTRICAL INSTALLATION IN WHICH THE UNDERSIGNED ARE DIRECTLY OR INDIRECTLY RESPONSIBLE HAVE BEEN PROPERLY INSTALLED IN FULL COMPLIANCE WITH ALL CONSTRUCTION DOCUMENTS AND ALL NFPA, BUILDING, ELECTRICAL AND OTHER APPLICABLE CODES, ALONG WITH ALL OF THE REQUIREMENTS OUTLINED ON THIS DRAWING. I FURTHER CERTIFY THAT THE ELECTRIC SERVICE POWERING THE POS SYSTEM HAS BEEN PROPERLY INSTALLED BY A QUALIFIED ELECTRICIAN, SKILLED, KNOWLEDGEABLE AND TRAINED TO INSTALL ALL THE REQUIRED ELECTRICAL DISTRIBUTION COMPONENTS NECESSARY TO POWER THE POINT OF SALE (POS) SYSTEM.

GENERAL CONTRACTOR: _____ ELECTRICAL CONTRACTOR: _____

BY: _____ BY: _____

DATE: _____ DATE: _____

ALL WORK IS NOT CONSIDERED TO MEET MCDONALD'S SPECIFICATIONS UNTIL THE INSTALLED ELECTRICAL SYSTEM SUPPORTS A "YES" ANSWER FOR ALL QUESTIONS ASKED.

AS PART OF THIS PROCESS, THE EC AND THE GC WILL BE REQUIRED TO SIGN THE ELECTRICAL CERTIFICATION DOCUMENT INDICATING THAT THE INSTALLED ELECTRICAL SYSTEM MEETS MCDONALD'S SPECIFICATIONS.

NOTICE:
CHANGES SHALL NOT BE MADE TO THE POS
ELECTRICAL SYSTEM AFTER THE POS EQUIPMENT
HAS BEEN INSTALLED WITHOUT FIRST NOTIFYING
THE POS VENDOR.

IF CHANGES ARE MADE TO THE POS ELECTRICAL SYSTEM AFTER THE CERTIFICATION PROCESS HAS BEEN COMPLETED, THEN A SYSTEM RE-CERTIFICATION SHALL BE REQUIRED.

REWORK ELECTRICAL
SYSTEM TO BRING
INTO COMPLIANCE
WITH MCDONALD'S
SPECIFICATIONS

A VISUALLY INSPECT THE MAIN ELECTRICAL PANEL (MDP)

- | | | |
|--------------------------|--------------------------|---|
| YES | NO | |
| ☐ | ☐ | 1. IS AN EQUIPMENT GROUND BAR INSTALLED SUCH THAT IT IS ELECTRICALLY CONNECTED TO THE PANEL |
| ☐ | ☐ | 2. DO ALL NEUTRAL CONDUCTORS TERMINATE ONLY TO THE NEUTRAL BAR? |
| ☐ | ☐ | 3. DO ALL EQUIPMENT GROUND CONDUCTORS TERMINATE ONLY TO THE EQUIPMENT GROUND BAR? |
| ☐ | ☐ | 4. DOES THE ISOLATED GROUND CONDUCTOR (GREEN W/YELLOW STRIPE) TERMINATE ON THE EQUIPMENT GROUND BAR? |
| ☐ | ☐ | 5. IS THERE AN APPROPRIATE ELECTRICAL CONNECTION (BOND) BETWEEN THE NEUTRAL BAR AND THE EQUIPMENT GROUND BAR? |
| ☐ | ☐ | 6. DOES THE GROUNDING SYSTEM COMPLY WITH McDONALD'S "BUILDING ELECTRICAL GROUNDING DETAIL"? |
| ☐ | ☐ | 7. IS A SURGE PROTECTION INSTALLED THAT COMPLIES WITH McDONALD'S "TVSS INSTALLATION GUIDE" OR DETAIL? |
| ☐ | ☐ | 8. ARE ALL ELECTRICAL CONNECTIONS (WIRING & BUSING) PROPERLY TIGHTENED? |
| ☐ | ☐ | 9. ARE ALL CIRCUIT BREAKERS CLEARLY LABELED? |

8 VISUALLY INSPECT THE PANEL "CP" THAT POWERS POS

- | | | |
|--------------------------|--------------------------|--|
| YES | NO | |
| ☐ | ☐ | 1. IS AN EQUIPMENT GROUND BAR INSTALLED SUCH THAT IT IS ELECTRICALLY CONNECTED TO THE PANEL? |
| ☐ | ☐ | 2. IS AN ISOLATED GROUND BAR INSTALLED SUCH THAT IT IS ELECTRICALLY INSULATED FROM THE PANEL? |
| ☐ | ☐ | 3. DO ALL NEUTRAL CONDUCTORS TERMINATE ONLY TO THE NEUTRAL BAR? |
| ☐ | ☐ | 4. DO ALL EQUIPMENT GROUND CONDUCTORS TERMINATE ONLY TO THE EQUIPMENT GROUND BAR? |
| ☐ | ☐ | 5. DO ALL ISOLATED GROUND CONDUCTORS (GREEN/YELLOW STRIPE) TERMINATE ONLY TO THE ISOLATED GROUND BAR? |
| ☐ | ☐ | 6. ARE ALL ELECTRICAL CONNECTIONS (WIRING &/BUSING) PROPERLY TIGHTENED? |
| ☐ | ☐ | 7. ARE ALL PDS AND COSI CIRCUIT BREAKERS ON THE SAME PANEL? |
| ☐ | ☐ | 8. ARE ALL CIRCUIT BREAKERS CLEARLY LABELED? |
| ☐ | ☐ | 9. DO ALL PDS & COSI CIRCUIT BREAKERS HAVE A LOCKING MECHANISM ON THEIR HANDLES TO PREVENT FROM BEING SHUT OFF BY MISTAKE? |
| ☐ | ☐ | 10. DOES THE FEEDER CIRCUIT FOR THIS SUBPANEL CONTAIN PHASE, NEUTRAL, ONE EQUIPMENT GROUND AND ONE ISOLATED GROUND CONDUCTOR THAT ARE PROPERLY TERMINATED (SEE PDS & COSI ISD UNDOES OTD DETAILS)? |

VISUALLY INSPECT ALL REMAINING ELECTRICAL SUBPANELS

- | yes | no | |
|--------------------------|--------------------------|--|
| ☐ | ☐ | 1. IS AN EQUIPMENT GROUND BAR INSTALLED SUCH THAT IT IS ELECTRICALLY CONNECTED TO THE PANEL |
| ☐ | ☐ | 2. DO ALL NEUTRAL CONDUCTORS TERMINATE ONLY TO THE NEUTRAL BAR? |
| ☐ | ☐ | 3. DO ALL EQUIPMENT GROUND CONDUCTORS TERMINATE ONLY TO THE EQUIPMENT GROUND BAR? |
| ☐ | ☐ | 4. ARE ALL ELECTRICAL CONNECTIONS (WIRING & BUSING) PROPERLY TIGHTENED? |
| ☐ | ☐ | 5. ARE ALL CIRCUIT BREAKERS CLEARLY LABELED? |
| ☐ | ☐ | 6. DOES THE FEEDER CIRCUIT FOR THIS SUBPANEL CONTAIN PHASE, NEUTRAL AND ONE EQUIPMENT GROUND CONDUCTORS THAT ARE PROPERLY TERMINATED? (SEE BUILDING ELECTRICAL GROUNDING DETAIL) |

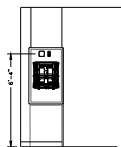
C VISUALLY INSPECT THE POS BRANCH CIRCUITS

- | | | |
|--------------------------|--------------------------|--|
| YES | no | |
| ☐ | ☐ | 1. ARE THE POS BRANCH CIRCUITS ROUTED IN THEIR OWN CONDUIT BY THEMSELVES? |
| ☐ | ☐ | 2. IF THE POS BRANCH CIRCUIT IS ROUTED ABOVE GRADE, IS IT IN A METALLIC CONDUIT? |
| ☐ | ☐ | 3. DOES EACH POS BRANCH CIRCUIT CONTAIN: ONE PHASE (BLACK COLORED INSULATION) ONE NEUTRAL (WHITE COLORED INSULATION) ONE EQUIPMENT GROUND (GREEN COLORED INSULATION) ONE ISOLATED GROUND (YELLOW STRIPS COLORED INSULATION)? |
| ☐ | ☐ | 4. DO ALL POS BRANCH CIRCUITS TERMINATE AT EITHER AN I64700, I64710, I65261, I65262 RECEPTABLES OR ANY COMBINATION OF THESE? |
| ☐ | ☐ | 5. ARE ALL ELECTRICAL TERMINATIONS TO IG RECEPTABLES MADE WITH #12 AWG WIRE CAPTURED AROUND THE SCREW BARREL AND SUITABLY TIGHTENED? |
| ☐ | ☐ | 6. ARE ALL BRANCH CIRCUIT CONNECTIONS PROPERLY TIGHTENED? |
| ☐ | ☐ | 7. ARE THE CORRECT ANOMALY AND TYPE OF IG RECEPTABLES PROVIDED AS SHOWN IN THE ELECTRICAL ROUTING-PLAN, NOTES AND CAPTURED? |
| ☐ | ☐ | 8. DO ALL POS RECEPTABLES HAVE ORANGE "COMPUTER ONLY" COVERS? |
| ☐ | ☐ | 9. DO ALL POS BRANCH CIRCUITS COMPLY WITH THE POS 6 CO ISOLATED GROUND/DEDICATED CIRCUIT REQUIREMENT? |

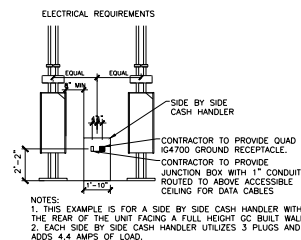
☐ VISUALLY INSPECT THE POS BRANCH CIRCUIT FOR THE COD & KIOSK

- | | | |
|--------------------------|--------------------------|--|
| YES | NO | |
| ☐ | ☐ | 1. ARE THE CDS AND KIOSK BRANCH CIRCUITS ROUTED IN THEIR OWN CONDUIT BY THEMSELVES? |
| ☐ | ☐ | 2. DOES EACH CDS AND KIOSK BRANCH CIRCUIT CONTAIN: <ul style="list-style-type: none"> - ONE PHASE (BLACK COLORED INSULATION), - ONE NEUTRAL (WHITE COLORED INSULATION), - ONE EQUIPMENT GROUND (GREEN COLORED INSULATION), - ONE ISOLATED GROUND (GREEN/YELLOW STRIPE COLORED INSULATION). |
| ☐ | ☐ | 3. ARE THE CDS(S) AND KIOSK(S) POWERED FROM THE SAME PANEL AS THE POS? |
| ☐ | ☐ | 4. DO THE BREAKERS FOR THE CDS(S) AND KIOSK(S) HAVE A LOCKING MECHANISM ON THEIR HANDLES THAT WILL PREVENT IT FROM BEING SHUT OFF? |
| ☐ | ☐ | 5. DO THE CDS BRANCH CIRCUITS COMPLY WITH THE "POS & CDS ISOLATED GROUND/DEDICATED CIRCUIT DETAIL"? |
| ☐ | ☐ | 6. IF THE CDS HAS AN OPTICAL CIRCUIT, IS A STRAIGHT BARE ISOLATED GROUND RECEPTACLE ON AN |

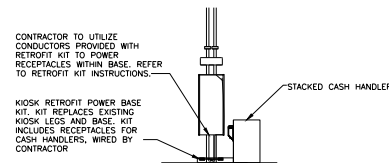
SHEET NO.	TITLE	DRAWN BY	CHECKED BY	DATE	REV	DATE	DESCRIPTION	 TOWER ENGINEERING PROFESSIONALS 326 TRYON ROAD RALEIGH, NC 27603 OFFICE: (919) 861-4335 www.towergroup.net	 04/26/2024	0	04/26/2024	FOR CONSTRUCTION
									1	04/26/2024	FOR CONSTRUCTION	
PREPARED FOR: M. McDonald's USA, LLC These drawings and specifications are the confidential and proprietary information of McDonald's USA, LLC. They are not to be reproduced, copied, or used in any way without written authorization. The contract documents were prepared by McDonald's USA, LLC and are the property of McDonald's USA, LLC. The use of these drawings and specifications for any other purpose is strictly prohibited. The use of these drawings and specifications for any other purpose is strictly prohibited. The use of these drawings and specifications for any other purpose is strictly prohibited.												
KING STREET, VA RECONSTRUCTION CONSTRUCTION DRAWINGS	KING STREET, VA RECONSTRUCTION CONSTRUCTION DRAWINGS	KING STREET, VA RECONSTRUCTION CONSTRUCTION DRAWINGS	KING STREET, VA RECONSTRUCTION CONSTRUCTION DRAWINGS	KING STREET, VA RECONSTRUCTION CONSTRUCTION DRAWINGS	KING STREET, VA RECONSTRUCTION CONSTRUCTION DRAWINGS	KING STREET, VA RECONSTRUCTION CONSTRUCTION DRAWINGS	KING STREET, VA RECONSTRUCTION CONSTRUCTION DRAWINGS	KING STREET, VA RECONSTRUCTION CONSTRUCTION DRAWINGS	KING STREET, VA RECONSTRUCTION CONSTRUCTION DRAWINGS	KING STREET, VA RECONSTRUCTION CONSTRUCTION DRAWINGS	KING STREET, VA RECONSTRUCTION CONSTRUCTION DRAWINGS	KING STREET, VA RECONSTRUCTION CONSTRUCTION DRAWINGS
E1.0	POS RISER DIAGRAM	POS RISER DIAGRAM	POS RISER DIAGRAM	POS RISER DIAGRAM	POS RISER DIAGRAM	POS RISER DIAGRAM	POS RISER DIAGRAM	POS RISER DIAGRAM	POS RISER DIAGRAM	POS RISER DIAGRAM	POS RISER DIAGRAM	POS RISER DIAGRAM
1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1
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1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1								



3 DIGITAL MERCHANDISER ELEVATION
E3.0 1/4" = 1'-0"



4 STACKED CASH HANDLER ELEVATION DETAIL
E3.0 1/4" = 1'-0"



5 E3.0	CASH HANDLER POWERED VIA KIOSK N.T.S.
-----------	--

UIC / TAG	QTY	DESCRIPTION	VOLTY/PH	FLA	BRK SIZE	COND/WIRE	PNL/CCT	RECEP TYPE	INST AFF	REQUIREMENTS & REMARKS
004.206.2	2	DIGITAL MERCHANDISER	120/17	2.8	20A	1/2"-2#12-2#10	PL-73	05282	-	"6"-5"
004.236.1	2	DIGITAL MERCHANDISER - MEDIA PLAYER	120/17	1.0	20A	1/2"-2#12-2#10	GP-15	05282	-	"6"-5" USE SAME RECEIPTER AS 4.3068
004.236.2	2	DIGITAL MERCHANDISER - MEDIA PLAYER	120/17	1.0	20A	1/2"-2#12-2#10	GP-15	05282	-	"6"-5" JAN 1/2" X 1/2" TO FULL HEIGHT WALL AND TO MOVE CEILING HANGING FOR DATA CABLES AND WIRING. APPROXIMATE OPENING IN CEILING DATA
215.008.10.1	1	CASH RECEIPTER	120/17	4.4	20A	1/2"-2#12-2#10	GP-19	(2) 05282	SEE RUMS	PROVIDE "G" RECEIPTER IN COUNTER-MOUNTED RACKWAY
215.008.10.10	1	TABLE LOCATOR SYSTEM	120/17	2.0	20A	1/2"-2#12-2#10	GP-11	05282	SEE RUMS	PROVIDE "G" RECEIPTER IN COUNTER-MOUNTED RACKWAY
215.008.06	1	TABLE LOCATOR SYSTEM	120/17	2.6	20A	1/2"-2#12-2#10	GP-13	05282	SEE RUMS	ISS SERVER, COORDINATE WITH MANUFACTURERS REQUIREMENTS
214.006.1	1	TECHNOLOGY RACK	120/17	5.0	20A	1/2"-2#12-2#10	GP-5	04700	1"	FOR SWITCHES, HUBS AND RACKS
214.006.3	1	TECHNOLOGY RACK	120/17	10.0	20A	1/2"-2#12-2#10	GP-17	04700	3"-0"	FOR CABLELESS DEVICE UPS
214.006.4	1	TECHNOLOGY RACK	120/17	12.0	20A	1/2"-2#12-2#10	GP-19	04700	3"-0"	FOR POS SYSTEM UPS AND OMS CONTROLLER
214.006.5	1	TECHNOLOGY RACK	120/17	1.0	20A	1/2"-2#12-2#10	GP-11	04700	3"-0"	FOR POS SYSTEM UPS
214.006.6	1	TECHNOLOGY RACK	120/17	14.0	50A	1/2"-2#12-2#10	GP-21	135-30R-G	3"	EXTEND (2) 2 1/2" CONDUIT ABOVE C.L.C. W/BRUSHING FOR DATA CABLES
215.006.12	1	POS RECEIPTER - FRONT COUNTER	120/17	3.0	1A	3/4"-2#12-2#10	GP-23	04700	SEE RUMS	PROVIDE "G" RECEIPTER IN COUNTER-MOUNTED RACKWAY
215.006.10.1	1	POS - RECEIPTER REAR	120/17	0.7	00A	3/4"-2#12-2#10	GP-23	04700	SEE RUMS	PROVIDE "G" RECEIPTER IN COUNTER-MOUNTED RACKWAY, POWER FROM COUNTER

ELECTRICAL SCHEDULE NOTES:

1. CIRCUIT NUMBERS SHOWN ARE FOR DESIGN INTENT ONLY. ACTUAL CONDITIONS WILL AFFECT CIRCUITRY.
2. WHEN AVAILABLE ONLY ONE BAKED GOODS CASE WILL BE PROVIDED PER RESTAURANT.
3. SEE KITCHEN PLANS FOR KITCHEN EQUIPMENT ELECTRIC SCHEDULE

[illegible]

NOTE:
PANELS SHOWN ARE EXISTING UNLESS NOTED OTHERWISE

NEW CP		208/120 V 3 PHASE 4 WIRE				100 A MINIMUM BUS SIZE MAIN LUG ONLY				SURFACE MOUNTING NEMA 1 ENCLOSURE GROUND BAR	
CCT	DESCRIPTION	CB	VOLT-AMPS	PHASE A B C	VOLT-AMPS	CB	DESCRIPTION	CCT			
1	DIGITAL MERCHANDISER	20	312	A	--	--	BLANK	21			
3	MEDIA PLAYER	20	150	B	--	--	BLANK	8			
5	TECHNOLOGY RACK	20	600	A	C	--	BLANK	6			
9	DIGITAL MERCHANDISER	20	312	A	--	--	BLANK	10			
5	CASH RECYCLER	20	528	B	--	--	BLANK	8			
11	TABLE LOCATOR SYSTEM	20	312	C	--	--	BLANK	12			
13	TABLE LOCATOR SYSTEM	20	312	A	--	--	BLANK	14			
15	MEDIA PLAYER	20	120	B	--	--	BLANK	16			
17	TECHNOLOGY RACK	20	1440	A	C	--	BLANK	20			
19	TECHNOLOGY RACK	20	1440	A	--	--	BLANK	22			
21	TECHNOLOGY RACK	20	1680	B	--	--	BLANK	24			
23	REGISTER	20	360	C	--	--	BLANK	26			
25	BLANK	--	--	A	--	--	BLANK	28			
27	BLANK	--	--	B	--	--	BLANK	30			
29	BLANK	--	--	A	C	--	BLANK	32			
31	BLANK	--	--	A	--	--	BLANK	34			
33	BLANK	--	--	B	--	--	BLANK	36			
35	BLANK	--	--	C	--	--	BLANK	38			
37	BLANK	--	--	A	--	--	BLANK	40			
39	BLANK	--	--	B	--	--	BLANK	42			
41	BLANK	--	--	C	--	--	BLANK	44			
PHASE				A		B		C			
TOTAL LOAD PER PHASE (W)				2376		2448		2472			
TOTAL AMPERES PER PHASE (A)				20		21		21			

NEW KES PANEL		208/120 V 1 PHASE 3 WIRE		125 A MINIMUM BUS SIZE MAIN LUG ONLY				SURFACE MOUNTING NEMA 1 ENCLOSURE GROUND BAR	
CCT	DESCRIPTION	CB	PHASE		VOLT-AMPS	CB	DESCRIPTION	CCT	
			A	B					
1	BUN STEAMER	30	1716	A	1560	20	ELEC. COMM. UTILITY	2	
3		30	1716	B	1560	20		4	
5		30	1716	A	598	15		6	
7	BUN STEAMER	30	1716	B	598	15	CONVEYOR	8	
9	BUN TOASTER	30	3024	A	840	20	PREP TABLE	10	
11		30	3024	B	1080	20	POS MONITORS	12	
13	SPARE	--	--	A	168	20	POS PRINTERS	14	
15	SPARE	--	--	B	--	--	SPARE	16	
17	SPARE	--	--	--	--	--	SPARE	18	
19	SPARE	--	--	A	--	--	SPARE	20	
21	SPARE	--	--	A	--	--	SPARE	22	
23	SPARE	--	--	B	--	--	SPARE	24	
PHASE							A	B	
TOTAL LOAD PER PHASE (W)							9612	9684	
TOTAL AMPERE PER PHASE (A)							81	81	

POS NOTES:

POS LOADS (THE POINT OF SALE COMPUTERS, MONITORS, CASH CHANGERS, PRINTERS, ETC...) SHALL BE INSTALLED ON PHASE "C". OTHER ELECTRONIC LOADS SHALL BE INSTALLED ON PHASE "A". SEE POS & C&D ISOLATED GROUND/DEDICATED CIRCUIT DETAIL ON THIS SHEET.

THE AUTOMATIC REVERSE SYSTEM (ABS) HAS A DATA LINE THAT CONNECTS TO THE POINT OF SALE SYSTEMS. THEREFORE, IF IT NEEDS TO BE POWERED FROM THE SAME POWER PHASE, "C", AS THE POS SYSTEM, VERIFY, OR CORRECT THE ABS CIRCUIT BREAKER IS ON THE SAME PHASE OF POWER AS THE POS SYSTEM IN ITS ORIGINAL SUBPANEL. DO NOT WIRE THE ABS INTO THE COMPUTER PANEL. PERMANENTLY MARK THE ABS CIRCUIT BREAKER CASE AS "PHASE C ONLY".

Figure 1 is a detailed wiring diagram for a computer system. It illustrates the electrical connections between a service entrance, a computer panel, and a metal junction box. The diagram includes the following components and labels:

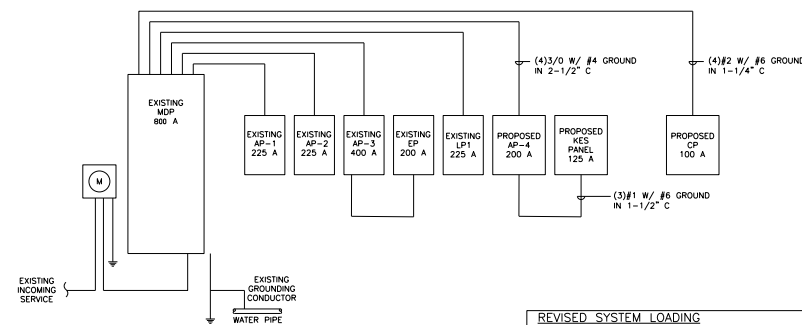
- SERVICE ENTRANCE (TYPICALLY MDP):** Located on the left, showing incoming power lines (100V, 100A) and a ground connection.
- PANEL CP COMPUTER ONLY:** A central panel with various terminals labeled 'R1', 'R2', 'R3', 'R4', 'R5', 'R6', 'R7', 'R8', 'R9', 'R10', 'R11', 'R12', 'R13', 'R14', 'R15', 'R16', 'R17', 'R18', 'R19', 'R20', 'R21', 'R22', 'R23', 'R24', 'R25', 'R26', 'R27', 'R28', 'R29', 'R30', 'R31', 'R32', 'R33', 'R34', 'R35', 'R36', 'R37', 'R38', 'R39', 'R40', 'R41', 'R42', 'R43', 'R44', 'R45', 'R46', 'R47', 'R48', 'R49', 'R50', 'R51', 'R52', 'R53', 'R54', 'R55', 'R56', 'R57', 'R58', 'R59', 'R60', 'R61', 'R62', 'R63', 'R64', 'R65', 'R66', 'R67', 'R68', 'R69', 'R70', 'R71', 'R72', 'R73', 'R74', 'R75', 'R76', 'R77', 'R78', 'R79', 'R80', 'R81', 'R82', 'R83', 'R84', 'R85', 'R86', 'R87', 'R88', 'R89', 'R90', 'R91', 'R92', 'R93', 'R94', 'R95', 'R96', 'R97', 'R98', 'R99', 'R100'.
- METAL JUNCTION BOX:** Located on the right, containing various electrical components and connections.
- COPPER CONDUCTORS ONLY:** A label indicating the material of the conductors used in the wiring.
- Numbered Callouts (1-13):** Indicate specific connection points and components:
 - 1: Service entrance ground connection.
 - 2: Service entrance neutral connection.
 - 3: Service entrance line connection.
 - 4: Panel CP ground connection.
 - 5: Panel CP neutral connection.
 - 6: Panel CP line connection.
 - 7: Panel CP ground connection.
 - 8: Panel CP neutral connection.
 - 9: Panel CP line connection.
 - 10: Panel CP ground connection.
 - 11: Panel CP neutral connection.
 - 12: Panel CP line connection.
 - 13: Panel CP ground connection.

KEY NOTES

- | | |
|---|---|
| 1 | THIS IS THE ONLY POINT WHERE THE ISOLATED EQUIPMENT GROUNDING CONDUCTOR SHALL BE CONNECTED TO THE BUILDING'S GROUNDING SYSTEM. |
| 2 | SEE BUILDING GROUNDING DETAIL THIS SHEET. |
| 3 | 1-1/2" METAL CONDUIT; 4-#1 CU + 1-#6 CU EQUIP GND + 1-#4 CU ISOLATED GND. |
| 4 | ALL ISOLATED GROUND/ DEDICATED CIRCUIT RECEPTACLE COVER PLATES SHALL BE ORANGE HUBBELL P/250 (SINGLE), P/300 (ONE DUPLEX) OR P/320 (TWO DUPLEX). HUBBELL, "CCC" OR OTHER. |

- | | |
|---|---|
| 5 | METAL CONDUIT SHALL CONTAIN ONLY P.O.S. CIRCUIT CONDUCTORS (DEDICATED CIRCUIT). ONLY USE RIGID NON-METALLIC CONDUIT BELOW GRADE WHEN REQUIRED BY LOCAL CODE. |
| 6 | EQUIPMENT GROUNDING BONDING CONDUCTOR (TYPICAL) |
| 7 | ISOLATED GROUND BUS, ELECTRICALLY INSULATED FROM PANEL ENCLOSURE USED TO TERMINATE ONLY ISOLATED EQUIPMENT GROUNDING CONDUCTORS. |
| 8 | ALL CONDUCTORS SHALL BE SOLID COPPER AND TERMINATED TO THEIR APPROPRIATE RATED SIZE BY WRAPPING THE CONDUCTOR COMPLETELY AROUND THE SCREW BARREL AND TIGHTENING THE SCREW PER MANUFACTURER'S TORQUE SPECIFICATIONS. |

- | | |
|----|--|
| 9 | ISOLATED GROUND RECEPTACLE HUBBELL-H64700,H64710,H65382 OR H65381
SEE BOUGH #11 SCHEDULE FOR THE APPROPRIATE RECEPTACLE TO USE. |
| 10 | ISOLATED GREEN GROUND SCREW. |
| 11 | ISOLATED EQUIPMENT GROUNDING CONDUCTOR (GRN W/FLW STRIP) |
| 12 | NEUTRAL CONDUCTOR TERMINATED ON SILVER SCREW. |
| 13 | PHASE CONDUCTOR TERMINATED ON BRASS SCREW |



{ RISER DIAGRAM

REVISÉ SYSTEM LOADING

ELECTRICAL LOADING FOR ADDITIONAL EQUIPMENT CONNECTING TO AN EXISTING SERVICE PER NEC 220.87	DESIGN
PEAK DEMAND FOR THE LAST 12 MONTHS*	75 kW
PEAK DEMAND x 125%	93.75 kW
INCREASED DEMAND LOAD	122.7 kW
TOTAL KW	216.5 kW
TOTAL AMPERES	602 A
EXISTING SERVICE SIZE	800 A

* MAXIMUM PEAK DEMAND PROVIDED BY PROPERTY OWNER
IN JUNE 2023

NO.	DATE	DESCRIPTION
1	07/19/2024	REVISED PER HEALTH DEPARTMENT COMMENTS
0	04/26/2024	FOR CONSTRUCTION

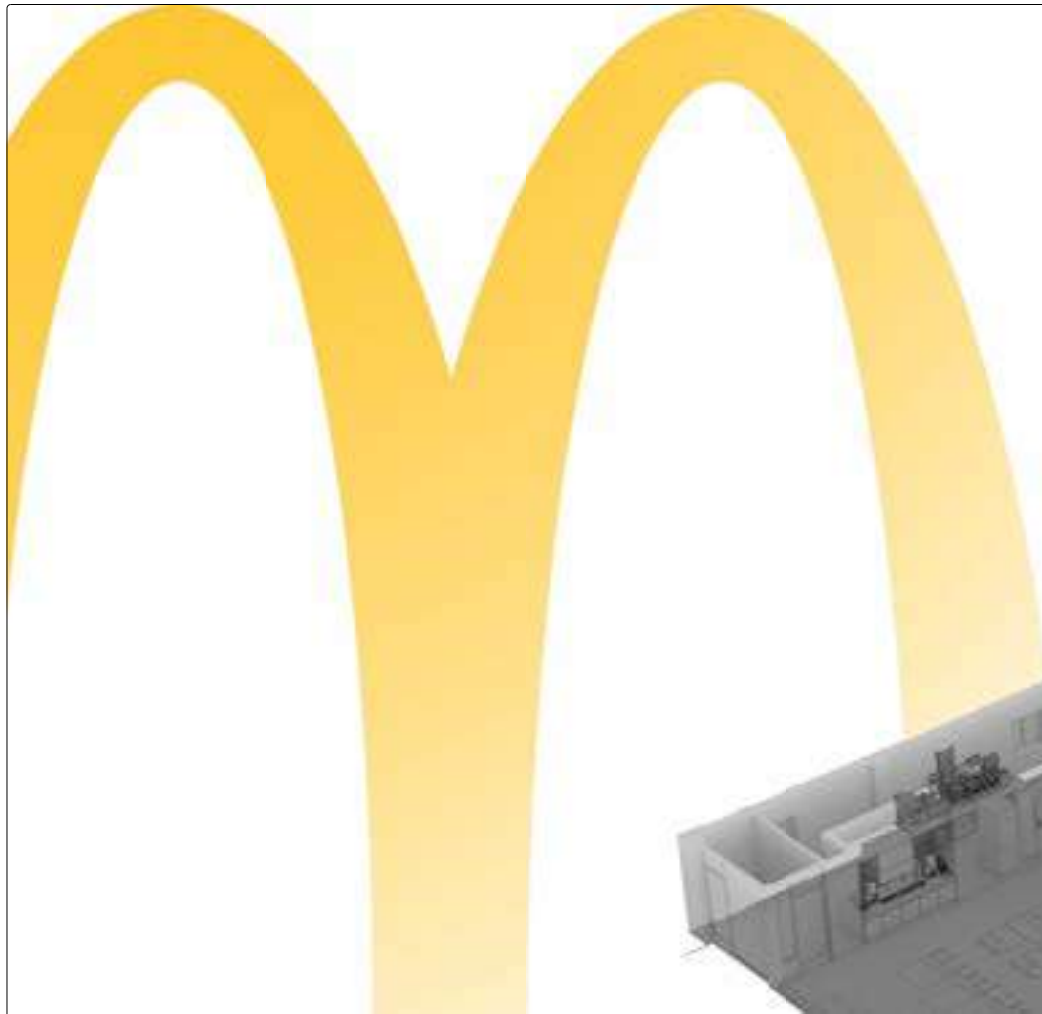


PREPARED FOR: McDonald's USA, LLC

PREPARED BY	QJA
TEP PID NO.	-
REVIEWED BY	FTH
DATE ISSUED	07/19/2024

02

[illegible]



NATIONAL STORE# 20494

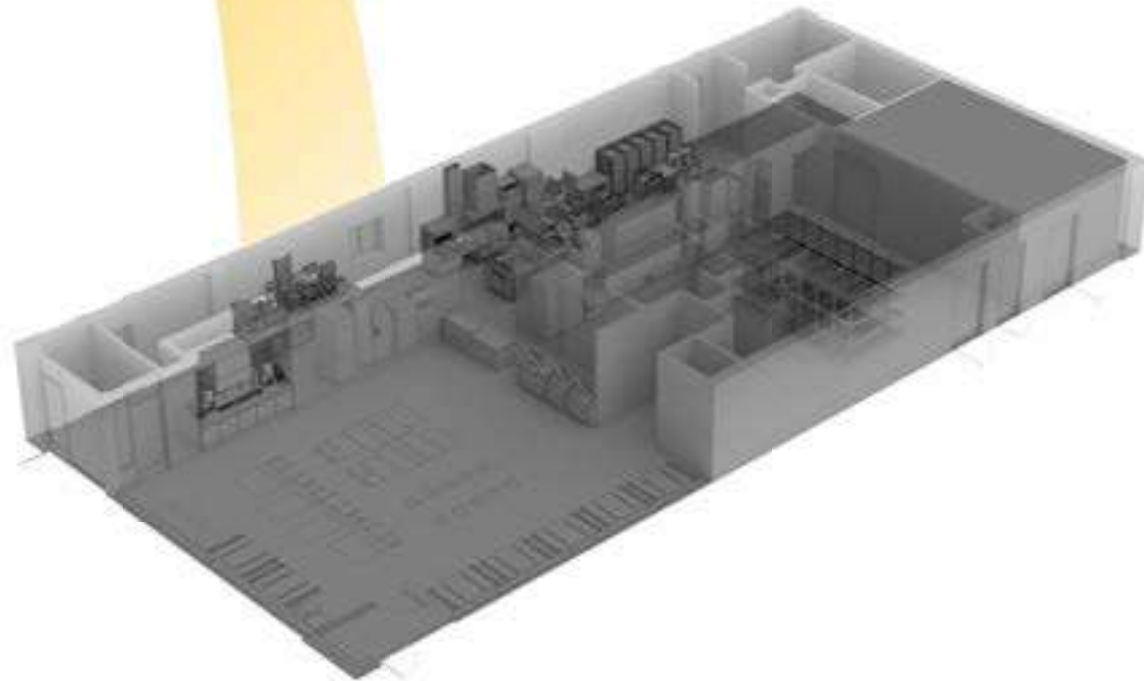
3646 KINGS ST, ALEXANDRIA, VA 22302



MAP VIEW



AERIAL VIEW



H+K INTERNATIONAL

MARKET MANAGER : RAMIN AZHADI

PHONE : 703.314.0978

EMAIL : Ramin.Azhadi@hki.com



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

DATE	23FEB24
DRAWN	DC
CHECKED	VR
SCALE	SEE PLAN
BY	GN
DESCRIPTION	REV: NEW HAND SINK ADDED AT THE BACK OF THE KITCHEN, RTT TANKS RELOCATED TO BACKROOM.
REV	A
DATE	26JUN24

REM COVER

3646 KINGS ST
ALEXANDRIA, VA

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CUSTOMER

MCDONALD'S CORPORATION
OAK BROOK, ILLINOIS

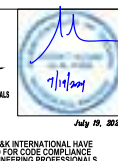
STORE #
20494

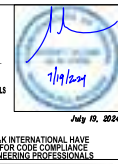
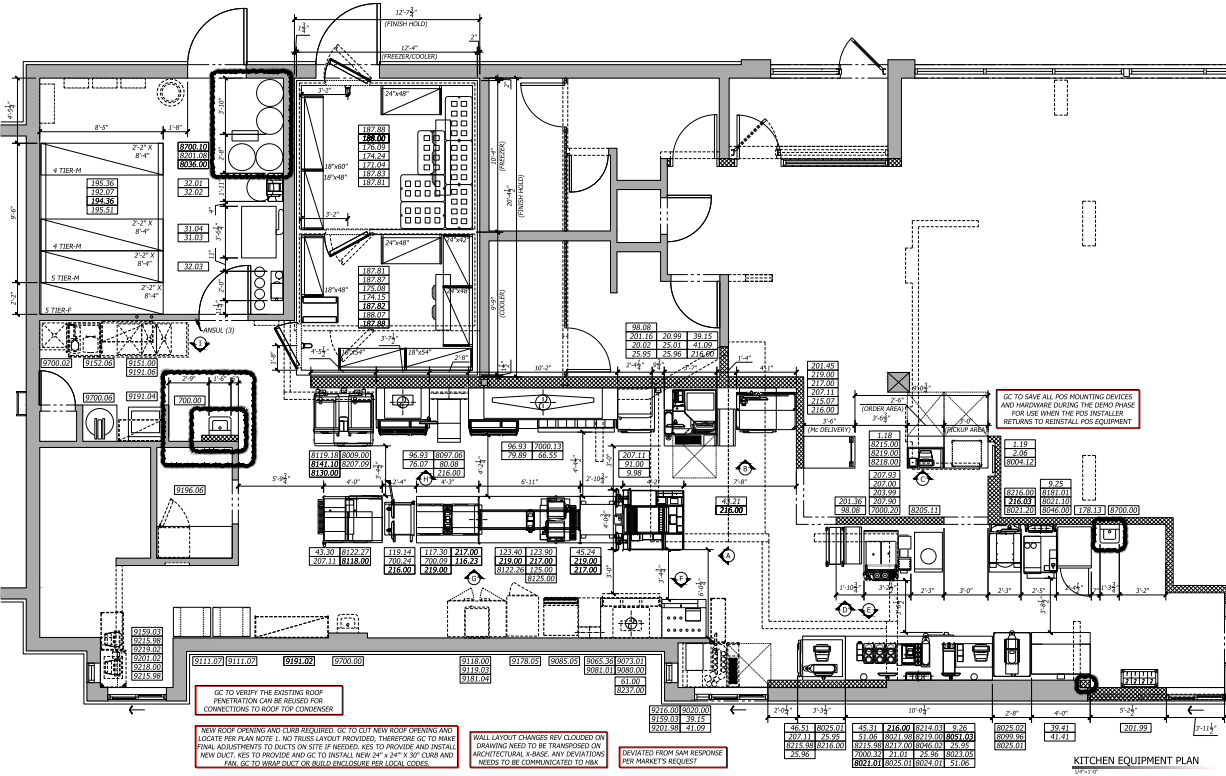
SITE ID
451012

SHEET #
1 OF 6

SHEET

K-1A





DEVIATION NOTES	
• NEW CARPIGRANT COMBO ADDED PER MM REQUEST.	PER MM REQUEST.
• NEW OOA+COPL ADDED PER MM REQUEST.	• EXISTING HAND SINK TO REMAIN RELOCATED IN BDAP AREA, NEW NOT NEEDED.
• NEW EQUIPMENT ADDED IN DT AREA TO MEET MCD STANDARDS. NEW ICE MACHINE PER MM.	• NEW BAGGING STATION ADDED PER MM REQUEST.
• NEW ICE MACHINE ADDED TO SUPPORT ABS DT	

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

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

DATE: 2/18/24
DRAWN: EC
CHECKED: WK
SCALE: SEE PLAN

BY: GN

DESCRIPTION: REM EQUIPMENT LAYOUT

DATE: 26JUN24
REV: A
REV: NEW HAND SINK ADDED AT THE BACK OF THE KITCHEN, RTT TANKS RELOCATED TO BACKROOM.

TITLE: REM EQUIPMENT LAYOUT

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ALEXANDRIA, VA

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CUSTOMER: MCDONALD'S CORPORATION
OAK BROOK, ILLINOIS

STORE #: 20494

SITE ID: 451012

SHEET: 2 OF 6

SHEET: K-2A

GENERAL NOTES

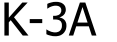
- USE EXISTING ROOF OPENINGS UNLESS OTHERWISE NOTED ON SCOPE OF WORK. IF NEW EXHAUST FAN ROOF OPENING IS REQUIRED, GC TO VERIFY PROPOSED ROOF OPENING LOCATION IS LOCATED A MIN. OF 30" FROM HVAC AIR INTAKE. GC TO CUT NEW ROOF OPENING AND INSTALL NEW CURB AND FAN. H&K INSTALLER TO INSTALL NEW DUCT. GC TO HANG 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-BUILD 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, DRAINAGE & UTILITIES. RUN DRAIN LINES TO EXISTING FLOOR DRAINING IF POSSIBLE, OR RELOCATE/INSTALL NEW FLOOR DRAINING, 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, DRAINAGE, RECEPTACLES, CORDS, UTILITIES, ROOF OPENINGS AS NEEDED FOR NEW AND RELOCATED EQUIPMENT. GC TO PATCH, SEAL AND/OR FRESH 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 AREAS, 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 ABRADED, GC SHALL REPLACE ALL EXISTING SMOOTH KITCHEN QUARRY TILE WITH ABRADED QUARRY TILE. SUCH REPLACEMENT TILE SHALL BE LOCATED IN PROXIMITY TO 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 FUTURE OR EQUIPMENT AND THE ENTIRE LENGTH OF THE FUTURE 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. GC, 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 REMOVAL. GC 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 PINS AND SLEEVES) SHALL BE FURNISHED BY THE E.C. THE RECEPTACLES INCLUDING PIN AND SLEEVE TYPE SHALL BE INSTALLED BY THE E.C.
- 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 "CUTTER 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 "CONDUIT" STUB-UP WITH A BUSHING INTO ACCESSIBLE CEILING SPACE.
- WHERE PIPING IS LOCATED WITHIN WALL CAVITIES, ACCESS TO THE CLEANDUTS 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 PLUMBING.
- 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 LISTINGS 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 Q/O MUST ENGAGE LICENSED MECHANICAL ENGINEER. THE RVE 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 RVE FOR PERMITTING. AFTER INSTALLATION, A CERTIFIED TEST AND BALANCE COMPANY WILL BE REQUIRED TO RE-BALANCE THE NEW AND ANY AFFECTED ROOF-TOP HVAC EQUIPMENT DEEMED AS PART OF THE SCOPE OF WORK BY THE RVE.
- 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 Q/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) TO BE COORDINATED WITH Q/O. POS INSTALLER TO COORDINATE LOCATION OF POS SYSTEM WITH Q/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.

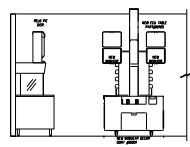
SYMBOL LEGEND

○ DUPLEX OUTLET (DB OR TL)	----- FUTURE/OPTIONAL EQUIPMENT
○ SINGLE OUTLET (SB OR TL)	----- NEW EQUIPMENT ON EQUIPMENT PLAN
○ QUAD OUTLET (QB 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	

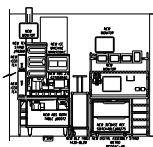


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|---|----------------------------|-------|---------------------------------------|
|  | DUPLEX OUTLET (5B OR TL) | _____ | FUTURE/OPTIONAL EQUIPMENT |
|  | SINGLE OUTLET (5B OR TL) | _____ | NEW EQUIPMENT ON EQUIPMENT PLAN |
|  | SPECIAL OUTLET (5B OR TL) | _____ | RELOCATED EQUIPMENT ON EQUIPMENT PLAN |
|  | QUAD OUTLET (SEE SCHEDULE) | _____ | EXISTING EQUIPMENT |
|  | ROK | _____ | EQUIPMENT ON ROUGH-IN PLAN |
|  | EXHAUST DUCT ABOVE HOOD | ----- | EXISTING TRUSSES |
|  | EXHAUST DUCT ABOVE HOOD | ----- | EXISTING TRUSSES |
|  | DATA CABLE | _____ | SERVICE AREA |
|  | SLEEVE | _____ | NEW MENU BOARD VALANCE |
|  | REFRIGERATION LINES | _____ | EXISTING PLAT WALL |
|  | WATER OR GAS LINE | _____ | EXISTING LOW WALL |
|  | CLEAN OUT | _____ | NEW HIGH WALL |
|  | FLOOR DRAIN | _____ | NEW LOW WALL |
|  | FLOOR SINK | _____ | DEMOL WALL |

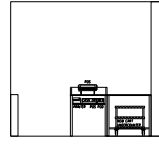




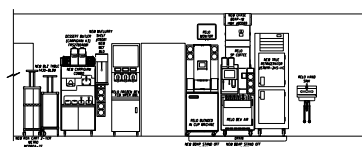
C CENTER ISLAND ELEVATION
05/11/19



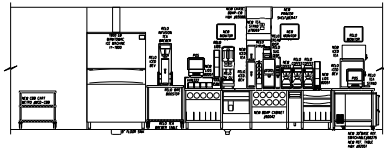
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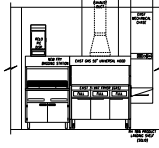
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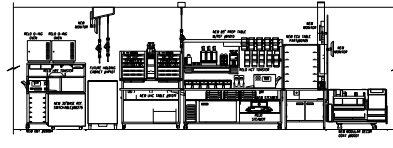
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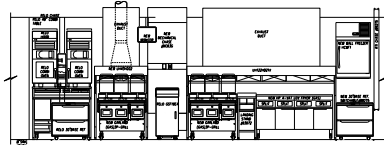
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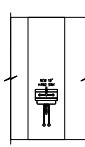
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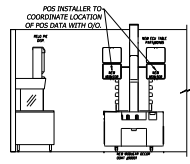
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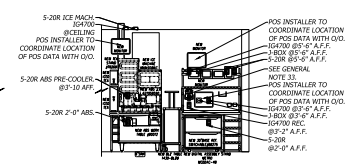
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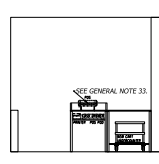
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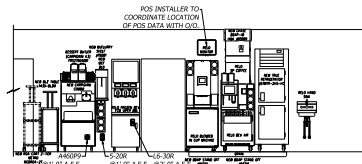
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05/11/19



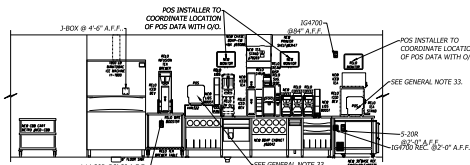
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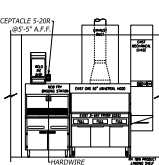
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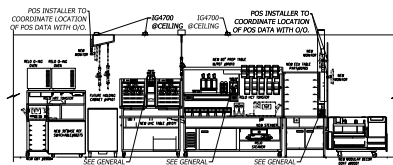
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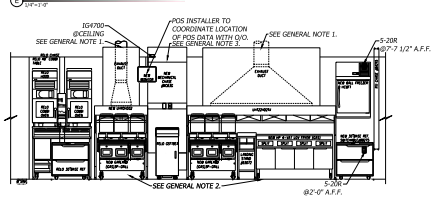
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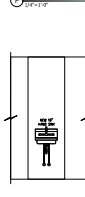
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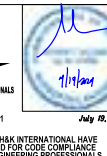
C COPL ROUGH-IN
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C GRILL LINE ROUGH-IN
05/11/19



C HAND SINK ROUGH-IN
05/11/19



GENERAL NOTES

- 1) 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 30" FROM HVAC AIR INTAKE. GC TO CUT NEW ROOF OPENING AND INSTALL NEW CURB AND FAN. HAK INSTALLER TO INSTALL NEW DUCT. GC TO WARP DUCT OR CONSTRUCT ENCLOSURE IF REQUIRED BY LOCAL CODES. GC TO WIRE EXHAUST FAN TO ANSUL INTERLOCK SYSTEM.
- 2) KITCHEN INSTALLER TO MOUNT RACEWAY BELOW HOOD. GC TO MAKE FINAL CONNECTIONS FROM RACEWAY TO TERMINAL BLOCK INSIDE CHASE. IF GAS, KITCHEN INSTALLER TO WALL HOOK GAS MANIFOLD BELOW HOOD. GC TO INSTALL QUICK DISCONNECT LINES AND MAKE FINAL CONNECTIONS TO IN-BUILDING GAS LINE FROM CHASE AND TO INDIVIDUAL APPLIANCES.
- 3) ALL UTILITIES FOR APPLIANCES BELOW HOOD TO RUN OVERHEAD AND DOWN MECHANICAL CHASE. GC TO MAKE FINAL CONNECTIONS TO TERMINAL BLOCK INSIDE CHASE. IF GAS, GC TO MAKE FINAL CONNECTIONS AT GAS MANIFOLD.
- 4) IF CHASE IS RELOCATED, GC TO COORDINATE MODIFICATION OF ANSUL SYSTEM WITH ANSUL, RELOCATE OR PROVIDE NEW UTILITIES AS NEEDED.
- 5) 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 DRAINING 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.
- 6) 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.
- 7) GC AND INSTALLER TO VERIFY LOCATION OF EXISTING EQUIPMENT TO REMAIN IN RELATION TO NEW AND RELOCATED EQUIPMENT.
- 8) REMOVE AND REPLACE DAMAGED QUARRY TILE FLOORING ADJACENT TO THE PROJECT AREAS; MATCH EXISTING QUARRY TILE WHERE PATCHING DAMAGED TILE OR WHERE EXTENDING THE TILE FIELD IN NEW FLOOR AREAS.
- 9) IN THE EVENT REMOVAL OR RELOCATION OF EQUIPMENT RESULTS IN EXPOSING EXISTING KITCHEN FLOOR TILE THAT IS NOT ABRASSIVE, GC SHALL REPLACE ALL EXISTING SMOOTH KITCHEN QUARRY TILE WITH ABRASSIVE QUARRY TILE. SUCH REPLACEMENT TILE SHALL BE LOCATED A MINIMUM OF 12" FROM ALL GRILLS, FRYERS, BAKING STATIONS, SINKS OR ANY LOCATION WHERE GRAISE OR WATER CAN ACCUMULATE OR 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.
- 10) INSTALLER TO INSTALL NEW AND RELOCATED EQUIPMENT; GC TO MAKE FINAL CONNECTIONS.
- 11) ALL INTERIOR FINISHES SHALL BE COORDINATED WITH DECOR & SEATING DRAWINGS BY OTHERS.
- 12) GC TO OBTAIN ALL PERMITS REQUIRED PER LOCAL CODE.
- 13) ALL WORK SHALL COMPLY WITH ALL APPLICABLE STATE AND LOCAL HEALTH, SAFETY AND CONSTRUCTION CODES. GC, E.C., P.C. TO VERIFY THAT ALL KITCHEN EQUIPMENT, SAFETY AND INTERLOCK UTILITIES ARE FUNCTIONAL AND IN COMPLIANCE WITH ALL LOCAL CODES PRIOR TO COMPLETION OF REMOVAL. GC TO COORDINATE ANY CORRECTIONS OF ANY DEFICIENCIES WITH MCDONALD'S CONSTRUCTION, SUBCONTRACTORS, AND/OR OWNER/OPERATOR.
- 14) ALL ELECTRICAL MATERIAL USED ON THIS PROJECT SHALL BE "UL" LISTED AND LABELED.
- 15) ALL DIMENSIONS SHOWN ARE TAKEN FROM FACE OF WALL FINISH. THE GC/ALL TRADES SHALL MAKE NECESSARY DIMENSIONAL ALLOWANCES.
- 16) ALL J-BOXES, DCO'S, AND OTHER ELECTRICAL DEVICES SHOWN SHALL BE RECESSED MOUNTED INTO A WALL, FLOOR OR CEILING UNLESS SPECIFICALLY NOTED OTHERWISE.
- 17) ALL RECEPTACLES (EXCEPT SPECIFIED HUBBLE PIN AND SLEEVES) SHALL BE FURNISHED BY THE E.C. THE RECEPTACLES INCLUDING PIN AND SLEEVE TYPE SHALL BE INSTALLED BY THE E.C.
- 18) 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 "CUTPROOF ONLY" ON ALL ISOLATED GROUND/DETERGATED RECEPTACLES.
- 19) POWER AND CONTROL CORDS ARE FURNISHED WITH KITCHEN APPLIANCES. THE EC SHALL CONNECT CORD SETS TO APPLIANCES AS REQUIRED.
- 20) MOST KITCHEN REMODELS WILL REQUIRE SOME LEVEL OF CEILING REPAIR. THIS WILL BE THE RESPONSIBILITY OF THE GC.
- 21) ALL HOLES IN FRONT COUNTER FOR POS CORDS AND CABLES SHALL BE LOCATED BY OWNER AND DRILLED BY GC.
- 22) 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" CONDUIT STUB-UP WITH A BURNING INTO ACCESSIBLE CEILING SPACE.
- 23) WHERE PIPING IS LOCATED WITHIN WALL CAVITIES, ACCESS TO THE CAVITIES SHALL BE PROVIDED.
- 24) DIMENSIONS SHOWING THE LOCATION OF DRAINS AND FLOOR SINKS ARE CENTERLINE DIMENSIONS.
- 25) GAS PIPING SHALL NOT PENETRATE ANY FIRE-RATED CHASE, SHAFT, DUCTWORK OR PLUMB.
- 26) GC TO RE-BALANCE THE HVAC SYSTEM AFTER ANY EXHAUST HOOD HAS BEEN REPLACED OR RELOCATED.
- 27) ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH ITS LISTING AND/OR THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- 28) 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.
- 29) FLEXIBLE DUCTWORK SHALL NOT PENETRATE WALLS. SHEET METAL DUCTWORK IS REQUIRED AT ALL FIRE-RATED AND DRAFT STOP WALL PENETRATIONS.
- 30) 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.
- 31) IN THE EVENT OF ADDITIONAL FRYER CAPACITY, THE QVO MUST ENGAGE LICENSED MECHANICAL ENGINEER. THE HVE WILL BE REQUIRED TO ASSESS THE EXISTING EXHAUST HOOD FAN TO ENSURE IT IS CAPABLE OF WITHSTANDING AIRFLOW AT A POTENTIALLY HIGHER STATIC PRESSURE. CONSTRUCTION DRAWINGS WILL BE REQUIRED OF THE HVE 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 HVE.
- 32) 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.
- 33) POS INSTALLER TO COORDINATE RELOCATION OF POS SYSTEM WITH QVO AND MCDONALD'S CONSTRUCTION. ALL CABLES FURNISHED AND INSTALLED BY POS SUPPLIER.
- 34) NEW POS(S) ARE SHOWN TO MEET NATIONAL BUILDING AND EQUIPMENT STANDARDS PER MCDONALD'S. FINAL LOCATION OF NEW POS(S) TO BE COORDINATED WITH QVO. POS INSTALLER TO COORDINATE LOCATION OF POS SYSTEM WITH QVO AND MCDONALD'S CONSTRUCTION. ALL CABLES FURNISHED AND INSTALLED BY POS SUPPLIER.
- 35) 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 | ----- | EXISTING TRUSSES |
| ⊕ | DATA CABLE | ----- | SERVICE AREA |
| ⊕ | SLEEVE | ----- | NEW MENU BOARD VALANCE |
| ⊕ | REFRIGERATION LINES | ----- | EXISTING FULL WALL |
| ⊕ | WATER OR GAS LINE | ----- | EXISTING LOW WALL |
| ⊕ | CLEAN OUT | ----- | NEW FULL WALL |
| ⊕ | FLOOR SINK | ----- | NEW LOW WALL |
| ⊕ | FLOOR DRAIN | ----- | DEMO WALL |

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

DATE: 2/28/24
DRAWN BY: EC
CHECKED BY: VR
SCALE: SEE PLAN

BY	GN				
DATE	REV	DESCRIPTION			
26JUN24	A	REV: NEW HAND SINK ADDED AT THE BACK OF THE KITCHEN, RTT TANKS RELOCATED TO BACKROOM.			

TITLE: REM ELEVATIONS LAYOUT

3646 KINGS ST
ALEXANDRIA, VA

CUSTOMER:
McDonald's CORPORATION
OAK BROOK, ILLINOIS

STORE: 20494

SITE ID: 451012

SHEET: 4 OF 6

K-4A

			
		H + K INTERNATIONAL	
		H + K DALLAS INC.	
		2200 SKYLINE DR.	
		MESQUITE, TX 75149	
		214.818.3500	
DATE :	23PER24		
DRAWN :	EC		
CHECKED :	VR		
SCALE :	SEE PLAN		
REV	DATE	DESCRIPTION	BY
A	6/26/24	REV- NEW HAND SINK ADDED AT THE BACK OF THE KITCHEN, RTI TANKS RELOCATED TO BACKROOM.	GN
x	x	x	x
x	x	x	x
x	x	x	x
x	x	x	x
x	x	x	x

TITLE	
REM SCHEDULES	
3646 KINGS ST ALEXANDRIA, VA	
THESE RENTALS ARE NOTIFICATIONS AND THE PROPERTY OF THE RENTER SHALL NOT BE REFINISHED BY COMPANY UNLESS SPECIFICALLY REQUESTED BY THE RENTER	
CUSTOMER	
MCDONALD'S CORPORATION	
OAK BROOK, ILLINOIS	
STORE #	20494
SITE ID	451012
SHEET #	5 OF 6
SHEET:	

PLUMBING SCHEDULE									
ITEM #	ITEM DESCRIPTION	GAS TYPE	GAS RTU	GAS SIZE	HOT WATER	COLD WATER	MISC. PLUMB	MCT AFF	REQUIREMENTS
6700.00 P1	1 RELOCATED HAND SINK 15" X 18"	-	-	1/2"	-	-	-	SEE RNKS	2 1/2" -
6700.10 P1	2 RELOCATED BKA OIL SYSTEM	-	-	-	-	-	SEE RNKS	-	PC TO RELOCATE UTILITIES AS NEEDED
66.00 P1	2 36" CLAMSHELL GRILL - 3 PLATES - GAS/ELECTRIC	-	180	180	-	-	-	-	EXTEND (3) GAS LINE ON CHASE AFTER EQUIPMENT (ITEMS) INSTALLED
ELECTRICAL SCHEDULE									
ITEM #	ITEM DESCRIPTION	VOLTS PHASE	PLA DRAW	HP	RECEPT TYPE	WIRING SIZE	COND. WIR	PLN. CMT	REQUIREMENTS
116.13 E1	2 UNIVERSAL HOLDING CABINET - HD 2-SIDE - PIN & SLEEVE	120V1	15.0	-	SEE RNKS	20A	117C-2412	DETERMINE IN FIELD	5'-6" -
117.30 E1	1 JMS TABLE - 2 SIDED FOR DR. - 31" - PIN & SLEEVE	120V1	2.0	-	SEE RNKS	20A	SEE RNKS	SEE RNKS	PLUGS INTO OVERHEAD RECEPTACLE # 300CWB(6) PROVIDED BY KES - HEIGHT TO BOTTOM OF RECEPTACLE
118.14 E2	2 STAINING-HOLDING CABINET	208V1	9.1	-	SEE RNKS	20A	117C-2412	DETERMINE IN FIELD	EC TO BRING POWER DOWN CHASE AND CONN. TO CHASE MOUNTED RECEPTACLE 48-20R
123.40 E2	1 PREP TABLE 2 SIDED CUPB 83" W- REF	120V1	7.0	-	SEE RNKS	20A	-	DETERMINE IN FIELD	PLUGS INTO RACKWAY - POWERED BY BREAKER PANEL
123.50 E1	1 5-AMP REFRIGERATED BAIL	120V1	2.5	-	SEE RNKS	20A	-	DETERMINE IN FIELD	PLUGS INTO PREP TABLE REC. OR RACKWAY
125.00 E2	1 RAPID FLEET BUN STEAMER	208V1	14.5	-	SEE RNKS	30A	117C-2412	VERIFY ECU CIRCUIT	SEE RNKS
127.04 E1	1 WALK-IN COOLER / FREEZER WITH FREEZER FLOOR	120V1	10.0	-	-	30A	117C-2412A	IF FOR LIGHTS & DOOR WATER- UNWITNESSED LIGHT TO BE IN BOTH COOLER & FREEZER; LC TO CONN. POWER	EC TO BRING POWER DOWN CHASE AND CONN. TO CHASE MOUNTED RECEPTACLE
127.04 E2	1 WALK-IN COOLER / FREEZER WITH FREEZER FLOOR	-	-	-	-	-	-	-	EC TO FURNISH & INSTALL CONDUIT, WIRE & LIGHT FIXTURES & OTHER DEVICES INSIDE COOLER/FREEZER BOX
174.13 E1	1 COOLER REMOTE CONDENSING UNIT	208-230V1	1	1.5	30	30A	117C-2410	DETERMINE IN FIELD	EC TO BRING POWER DOWN WALL, PROVIDE/INSTALL RECEPTACLE
174.13 E2	1 COOLER REMOTE CONDENSING UNIT	LOW VOLT WIRING	-	-	-	-	-	-	1 V WIRES CONN. NAC UNIT TO CHWS & SHALL BE ROUTED IN SEATTLE WHERE EXPOSED TO WEATHER
174.24 E1	1 FREEZER REMOTE CONDENSING UNIT	208-230V1	1	3.5	30	30A	117C-2410	DETERMINE IN FIELD	EC TO BRING POWER DOWN WALL, PROVIDE/INSTALL RECEPTACLE
174.24 E2	1 FREEZER REMOTE CONDENSING UNIT	LOW VOLT WIRING	-	-	-	-	-	-	EC TO BRING POWER DOWN WALL, PROVIDE/INSTALL RECEPTACLE
175.09 E1	1 COOLER EVAPORATOR - AIR-COOLED	208-230V1	-	1.20	30	10A	117C-2412	PWR BY NAC UNIT	CLIMATE CONTROL BREAKER IF USED WITH NAC UNIT
175.09 E2	1 COOLER EVAPORATOR - AIR-COOLED	LOW VOLT WIRING	-	-	-	-	-	-	1 V WIRES CONN. NAC UNIT TO CHWS & SHALL BE ROUTED SEPARATELY FROM POWER CONDUCTORS
176.09 E1	1 FREEZER EVAPORATOR - AIR-COOLED	208-230V1	13.04	-	30	30A	SEE RNKS	117C-2412	NO CTT BREAKER REQ WITH NAC UNIT-IF FAN SHUT-OFF SW. REQ SYS PUMPDOWN RELAY MUST BE INSTALLED
176.13 E2	1 REACH-IN REFRIGERATOR - SINGLE WIDE	120V1	11.3	1/3	5-20R	20A	117C-2412	DETERMINE IN FIELD	EC TO BRING POWER DOWN CHASE AND CONN. TO CHASE MOUNTED RECEPTACLE
180.00 E1	1 AUTOMATED BEVERAGE SYSTEM	120V1	5.0	-	5-20R	20A	117C-2412	DETERMINE IN FIELD	EC TO BRING POWER DOWN WALL, PROVIDE/INSTALL RECEPTACLE
20.00 E1	1 AUTOMATED BEVERAGE SYSTEM	DATA CABLE	-	-	-	-	-	-	CABLE FURNISHED AND INSTALLED BY POS SYSTEM SUPPLIER
20.00 E2	1 ABS PRECOOLER	120V1	14.0	-	5-20R	20A	117C-2412	DETERMINE IN FIELD	3'-10" -
201.00 E1	1 HEAT TREAT COMBINATION SHAW-SUNDAE MACHINE	208V1	2.6	-	SEE RNKS	30A	-	DETERMINE IN FIELD	EC TO BRING POWER DOWN WALL, PROVIDE/INSTALL RECEPTACLE
201.00 E2	1 BLENDER - MCFLURY - COMBINATION	120V1	2.0	-	5-20R	20A	117C-2412	DETERMINE IN FIELD	EC TO BRING POWER DOWN WALL, PROVIDE/INSTALL RECEPTACLE
207.11 E1	1 BASE REFRIGERATOR	120V1	3.2	-	5-20R	20A	117C-2412	DETERMINE IN FIELD	EC TO BRING POWER DOWN WALL, PROVIDE/INSTALL RECEPTACLE
207.11 E2	1 COFFEE BREWER	208V1	1.5	-	5-20R	20A	117C-2412	DETERMINE IN FIELD	PLUGS INTO OVERHEAD RECEPTACLE # 300CWB(6) PROVIDED BY KES - HEIGHT TO BOTTOM OF RECEPTACLE
211.00 E1	1 DELIVERY TABLE	120V1	3.0	-	225-20R	20A	117C-2412	DETERMINE IN FIELD	EC TO BRING POWER DOWN CHASE AND CONN. TO CHASE MOUNTED RECEPTACLE
215.07 E1	1 POS REGISTER - DELIVERY	120V1 ISOLATED	3.0	-	104700	20A	117C-24120	DETERMINE IN FIELD	3'-4" -
215.07 E2	1 POS REGISTER - DELIVERY	120V1 ISOLATED	1.5 EA	-	104700	20A	117C-24120	DETERMINE IN FIELD	EXTEND 2' CONDUIT ABOVE CEILING FOR POS DATA CABLES
216.00 E1	1 POS - VIDEO MONITOR	DATA CABLE	-	-	-	-	-	-	EC TO PROVIDE/INSTALL RECEPTACLE, POS INSTALLER TO CONN. POS
216.00 E2	1 POS - VIDEO MONITOR	DATA CABLE	-	-	-	-	-	-	EXTEND 2' CONDUIT ABOVE CEILING, CABLE FURNISHED AND INSTALLED BY POS SYSTEM SUPPLIER
216.00 E3	1 POS - VIDEO MONITOR	DATA CABLE	-	-	-	-	-	-	CABLE FURNISHED AND INSTALLED BY POS SYSTEM SUPPLIER
216.00 E4	1 POS - VIDEO MONITOR W/SUPPORTS	120V1 ISOLATED	1.5 EA	-	104700	20A	117C-24120	DETERMINE IN FIELD	EC TO PROVIDE/INSTALL RECEPTACLE, POS INSTALLER TO CONN. POS
216.00 E5	1 POS - VIDEO MONITOR W/SUPPORTS @ CHASE	120V1 ISOLATED	1.5 EA	-	-	-	-	-	EC TO BRING POWER DOWN CHASE AND CONN. TO CHASE MOUNTED RECEPTACLE
217.00 E1	1 PARK/ROTARY/SERVE BUMP BAR	DATA CABLE	-	-	-	-	-	-	POS TO COORD W/ MCD QIG, RELOCATE EXIST. AS REQUIRED
218.00 E1	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	FOR PRINTER LOCATED IN FRONT COUNTER
219.00 E1	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	EXTEND 2' CONDUIT ABOVE CEILING, CABLE FURNISHED AND INSTALLED BY POS SYSTEM SUPPLIER
219.00 E2	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	PLUGS INTO CHASE OR SURFACE MOUNT RECEPTACLE 104710
219.00 E3	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	CABLE FURNISHED AND INSTALLED BY POS SYSTEM SUPPLIER
219.00 E4	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	3'-2" -
219.00 E5	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	EC SUPPLIES 30A-3P MF DISC SW 20' MINIMUM CEILING PER NEC 408.6 (a), EC TO VERIFY W/LOCAL AUTHORITIES
219.00 E6	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	FOR CONTROL WIRES FROM REMOTE CONDENSING UNIT
219.00 E7	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	FOR WATER BOOSTER SYSTEM AND OPTIONAL AIR COMPRESSOR
219.00 E8	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	EC TO CONFORM REC. LOCATION AND MAKE FINAL CONNECTIONS PER SPECIFICATION SHEET
219.00 E9	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	CIRCUIT BREAKERS SHALL BE HACK TYPE
219.00 E10	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	4'-6" -
219.00 E11	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	4'-6" -
219.00 E12	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	4'-6" -
219.00 E13	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	4'-6" -
219.00 E14	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	4'-6" -
219.00 E15	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	4'-6" -
219.00 E16	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	4'-6" -
219.00 E17	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	4'-6" -
219.00 E18	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	4'-6" -
219.00 E19	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	4'-6" -
219.00 E20	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	4'-6" -
219.00 E21	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	4'-6" -
219.00 E22	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	4'-6" -
219.00 E23	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	4'-6" -
219.00 E24	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	4'-6" -
219.00 E25	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	4'-6" -
219.00 E26	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	4'-6" -
219.00 E27	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	4'-6" -
219.00 E28	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	4'-6" -
219.00 E29	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	4'-6" -
219.00 E30	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	4'-6" -
219.00 E31	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	4'-6" -
219.00 E32	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	4'-6" -
219.00 E33	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	4'-6" -
219.00 E34	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	4'-6" -
219.00 E35	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	4'-6" -
219.00 E36	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	4'-6" -
219.00 E37	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	4'-6" -
219.00 E38	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	4'-6" -
219.00 E39	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	4'-6" -
219.00 E40	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	4'-6" -
219.00 E41	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	4'-6" -
219.00 E42	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	4'-6" -
219.00 E43	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	4'-6" -
219.00 E44	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	4'-6" -
219.00 E45	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	4'-6" -
219.00 E46	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	4'-6" -
219.00 E47	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	4'-6" -
219.00 E48	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	4'-6" -
219.00 E49	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	4'-6" -
219.00 E50	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	4'-6" -
219.00 E51	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	4'-6" -
219.00 E52	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	4'-6" -
219.00 E53	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	4'-6" -
219.00 E54	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	4'-6" -
219.00 E55	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	4'-6" -
219.00 E56	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	4'-6" -
219.00 E57	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	4'-6" -
219.00 E58	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	4'-6" -
219.00 E59	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	4'-6" -
219.00 E60	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	4'-6" -
219.00 E61	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	4'-6" -
219.00 E62	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	4'-6" -
219.00 E63	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	4'-6" -
219.00 E64	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	4'-6" -
219.00 E65	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	4'-6" -
219.00 E66	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	4'-6" -
219.00 E67	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	4'-6" -
219.00 E68	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	4'-6" -
219.00 E69	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	4'-6" -
219.00 E70	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	4'-6" -
219.00 E71	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	4'-6" -
219.00 E72	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	4'-6" -
219.00 E73	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	4'-6" -
219.00 E74	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	4'-6" -
219.00 E75	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	4'-6" -
219.00 E76	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	4'-6" -
219.00 E77	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	4'-6" -
219.00 E78	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	4'-6" -
219.00 E79	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	4'-6" -
219.00 E80	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.7	-	104700	20A	117C-24120	DETERMINE IN FIELD	4'-6" -
219.00 E81	1 POS - RECEIPT PRINTER	DATA CABLE	-	-	-	-	-	-	4'-6" -
219.00 E82	1 POS - RECEIPT PRINTER	120V1 ISOLATED	0.						