ABBREVIATIONS

A/C	AIR CONDITIONING
ACT	ACOUSTICAL CEILING TILE
ADJ	ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
AMP	AMPERE
ARCH	ARCHITECT
BOH	BACK OF HOUSE
CAB	CABINET
CL	CENTER LINE
CLG	CEILING
CM	STARBUCKS CONSTRUCTION MANAGER
CTR	CENTER
CX	COMMISSIONING
CXA	COMMISSIONING AGENT
DEG	DEGREE
DET	DETAIL
DIA	DIAMETER
DIM	DIMENSION
DM	STARBUCKS DESIGN MANAGER
DN	DOWN
EA	EACH
EL	ELEVATION
EQ	EQUAL
EXIST	EXISTING
EXT	EXTERIOR
FF&E	FURNITURE, FIXTURE, AND EQUIPMENT
FLR	FLOOR
FOH	FRONT OF HOUSE
FOIC	FURNISHED BY OWNER, INSTALLED BY CONTRACTOR
FOIO	FURNISHED BY OWNER INSTALLED BY OWNER
FT	FOOT/FEET
G	GROUND
GC	GENERAL CONTRACTOR
GWB	GYPSUM WALLBOARD
HC	HOLLOW CORE
HDW	HARDWARE
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HR	HOUR
HT	HEIGHT
HVAC	HEATING, VENTILATING AND AIR CONDITIONING
I.D.	INSIDE DIAMETER
LEED	LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN
LL	LANDLORD
LV	LOW VOLTAGE
MAX	MAXIMUM
MEP	"MECHANICAL, ELECTRICAL AND PLUMBING"
MFR	MANUFACTURER
MIN	MINIMUM
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NTS	NOT TO SCALE
OC	ON CENTER
O.D.	OUTSIDE DIAMETER
PIR	PASSIVE INFRARED SENSOR
PLC	PLACE
R	RADIUS
REF	REFERENCE
REQ'D	REQUIRED
REV	REVISION
RND	ROUND
SB	STARBUCKS
SC	SOLID CORE
SF	SQUARE FEET
SHT	SHEET
SIM	SIMILAR
SPEC	SPECIFICATION
SQ	SQUARE
TEMP	TEMPORARY
TYP	TYPICAL
UC	UNDER COUNTER
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
VIF	VERIFY IN FIELD

RESPONSIBILITY LEGEND

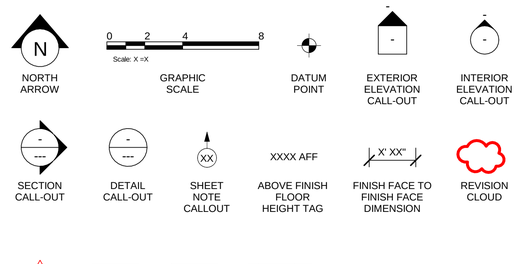
GC	GENERAL CONTRACTOR
LL	LANDLORD
SB	STARBUCKS

SCOPE OF WORK

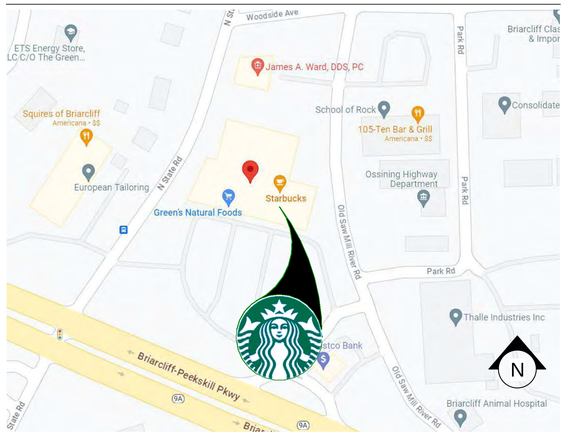
RENOVATION OF INTERIOR EXISTING BUILDING TO INCLUDE NEW FIXTURES, FINISHES, SPECIALTY EQUIPMENT, ELECTRICAL, MECHANICAL AND PLUMBING WORK. NO SITE OR BASEMENT SCOPE. NEW EXTERIOR BUILDING SIGNAGE WILL BE PROVIDED TO MATCH LANDLORD REQUIREMENTS UNDER A SEPARATE PERMIT BY SIGN VENDOR.

IF REQUIRED, FIRE SPRINKLERS MINOR MODIFICATIONS TO BE UNDER SEPARATE PERMIT BY GC.

ARCHITECTURAL SYMBOL LEGEND



VICINITY PLAN



PERSPECTIVE VIEW

PROJECT CONTACTS

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DOMINION MANAGEMENT
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MEP CONSULTANT OF RECORD: ADAM PULSKAMP
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(614) 603-2662
APULSKAMP@KLHENGRS.COM

BUILDING INFORMATION

OCCUPANCY TYPE:	B - BUSINESS
BUILDING AREA:	+/- 10,000 SQFT
TENANT AREA:	1,442 SQFT (GROSS SF) 1,198 SQFT (NET SF)
CONSTRUCTION TYPE:	IIB
INTERIOR OCCUPANCY:	11 OCC.
FIRE SPRINKLER:	YES (EXISTING)
FIRE ALARM:	NO

GENERAL NOTES

1. THE DRAWINGS AND PROJECT MANUAL TOGETHER CONSTITUTE THE CONTRACT DOCUMENTS FOR CONSTRUCTION. ALL GENERAL REQUIREMENTS ARE TO BE MET AND ALL MATERIALS, FINISHES AND SYSTEMS ARE TO BE INSTALLED AND PERFORM PER SPECIFICATIONS UNLESS OTHERWISE NOTED.
2. GENERAL CONTRACTOR SHALL VISIT THE SITE, REVIEW THE BUILDING SHELL DRAWINGS AS SUBMITTED BY THE LANDLORD OR STARBUCKS AND BECOME THOROUGHLY FAMILIAR WITH THE SITE CONDITIONS PRIOR TO CONSTRUCTION.
3. GENERAL CONTRACTOR SHALL CONSULT WITH STARBUCKS CONSTRUCTION MANAGER TO RESOLVE ANY CHANGES, OMISSIONS OR PLAN DISCREPANCIES PRIOR TO CONSTRUCTION.
4. ALL WORK SHALL BE PERFORMED IN STRICT COMPLIANCE WITH LOCAL, COUNTY, STATE AND FEDERAL CODES AND ORDINANCES.
5. GENERAL CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES.
6. GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS, INCLUDING CLEARANCES REQUIRED BY OTHER TRADES AND NOTIFY STARBUCKS CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH THE WORK. ALL DIMENSIONS ARE TO THE FACE OF THE FINISHED SURFACE UNLESS NOTED OTHERWISE. ALL DIMENSIONS TO BE TAKEN FROM DESIGNATED DATUM POINT. DO NOT SCALE DRAWINGS.
7. GENERAL CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING WALLS, FLOORS, CEILINGS, OR OTHER SURFACES IDENTIFIED TO REMAIN THAT MAY BECOME DAMAGED DURING THE COURSE OF THE WORK.
8. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR OBTAINING PERMITS FOR FIRE PROTECTION, PLUMBING, MECHANICAL, AND ELECTRICAL SYSTEMS PRIOR TO INSTALLATION OF SUCH SYSTEMS.
9. GENERAL CONTRACTOR SHALL RETAIN ONE SET OF PERMIT PLANS ON-SITE TO DOCUMENT ALL CHANGES MADE DURING CONSTRUCTION. THE RECORD DRAWINGS SHALL BE ISSUED TO THE OWNER AT PROJECT CLOSE-OUT AS DESCRIBED IN THE GENERAL REQUIREMENTS OF THE PROJECT MANUAL.
10. GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING DELIVERY OF MATERIALS FROM STARBUCKS CONTRACTED THIRD PARTY LOGISTICS DISTRIBUTION SERVICES AND VENDOR DIRECT SHIPMENTS. SEE THE PROJECT MANUAL FOR ADDITIONAL INFORMATION.
11. RESPONSIBILITY FOR SUPPLY AND DELIVERY OF MATERIALS AND EQUIPMENT IS IDENTIFIED IN THE DRAWING SCHEDULE SHEETS UNDER THE COLUMN LABELED "RESPONSIBILITY".
12. FOR THE PURPOSE OF THE DOCUMENTS, TO "INSTALL", SHALL MEAN TO PROVIDE ALL FASTENERS, MISCELLANEOUS HARDWARE, BLOCKING, ELECTRICAL CONNECTIONS, PLUMBING CONNECTIONS AND OTHER ITEMS REQUIRED FOR A COMPLETE AND OPERATIONAL INSTALLATION, UNLESS OTHERWISE NOTED.
13. ALL ITEM SUBSTITUTIONS MUST BE APPROVED BY THE STARBUCKS CONSTRUCTION MANAGER.

SITE INFORMATION

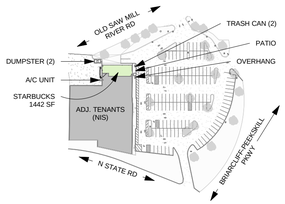
CODE AUTHORITIES:

BUILDING CODE:	2020 BUILDING CODE OF NEW YORK STATE (ADOPTS THE IBC 2018 WITH AMENDMENTS)
MECHANICAL CODE:	2020 MECHANICAL CODE OF NEW YORK STATE (ADOPTS THE IMC 2018 WITH AMENDMENTS)
ELECTRICAL CODE:	NATIONAL ELECTRICAL CODE OF 2017 OF NEW YORK STATE (ADOPTS WITHOUT AMENDMENTS: NFPA 70, 2017)
PLUMBING CODE	2020 PLUMBING CODE OF NEW YORK STATE (ADOPTS THE IPC 2018 WITH AMENDMENTS)
ENERGY CODE:	2020 ENERGY CONSERVATION CODE OF NEW YORK STATE (ADOPTS THE IECC 2018 WITH AMENDMENTS)
FIRE CODE:	2020 FIRE CODE OF NEW YORK STATE (ADOPTS THE IFC 2018 WITH AMENDMENTS)
ACCESSIBILITY CODE:	ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES 2009 OF NEW YORK STATE (ADOPTS WITHOUT AMENDMENTS: A117.1, 2009) 2010 ADA STANDARDS
GAS CODE:	2020 FUEL GAS CODE OF NEW YORK STATE (ADOPTS THE IFGC 2018 WITH AMENDMENTS)
HEALTH CODE:	CHARTER AND ADMINISTRATIVE CODE OF WESTCHESTER COUNTY - PART XI: SANITARY CODE, CHAPTER 873 - SANITARY CODE, ARTICLE V - FOODS

ZONING:

PROJECT DESCRIPTION:	EXISTING CONSTRUCTION - TENANT IMPROVEMENT
ZONING CLASS:	COMMERCIAL
PROPOSED USE:	RETAIL SALES AND SERVICES
DEFERRED SUBMITTALS:	**SIGNAGE** **FIRE SPRINKLER (MINOR MODIFICATIONS ONLY)**

KEY SITE PLAN



INDEX OF SHEETS

LEGEND: X - SHEET ISSUED
R - SHEET ISSUED FOR REFERENCE AND COORDINATION ONLY
SEE TITLEBLOCK FOR REVISION ISSUE DATE(S)

SHEET	SHEET TITLE	BID SET	PERMIT SET	REVISION 1	REVISION 2	REVISION 3	REVISION 4
GENERAL							
G001	GENERAL INFORMATION	X	X				
G002	LIFE SAFETY AND ACCESSIBILITY PLAN	X	X				
G003	LIFE SAFETY AND ACCES. SCHEDULES	X	X				
G004	FOOD SERVICE PLAN	X	X				
DEMOLITION							
D101	DEMOLITION FLOOR PLAN	X	X				
D102	DEMO. REFLECTED CEILING PLAN	X	X				
D103	DEMOLITION EXTERIOR ELEVATIONS	X	X				
ARCHITECTURAL							
A101	BUILDING FLOOR PLAN	X	X				
A102	BUILDING FLOOR PENETRATION PLAN	X	X				
A103	PENETRATION DETAILS	X	X				
A201	BUILDING EXTERIOR ELEVATIONS	X	X				
A202	BUILDING EXTERIOR ELEVATIONS	X	X				
A301	BUILDING SECTIONS	X	X				
A401	BLOCKING ELEVATIONS	X	X				
A402	BLOCKING ELEVATIONS	X	X				
A403	BLOCKING ELEVATIONS	X	X				
A404	BLOCKING ELEVATIONS	X	X				
INTERIORS							
I101	FF & E PLAN	X	X				
I102	ENLARGED BAR/ENGINE PLAN	X	X				
I103	CASEWORK PLAN	X	X				
I104	ADAPTABLE CASEWORK FRAMEWORK PLAN	X	X				
I105	ADAPTABLE CASEWORK CABINET PLAN	X	X				
I106	ADAPTABLE CASEWORK COUNTERTOP PLAN	X	X				
I107	ADAPTABLE CASEWORK ELEVATIONS	X	X				
I108	REFLECTED CEILING PLAN	X	X				
I109	CEILING DETAILS	X	X				
I110	LIGHTING DIMENSION PLAN	X	X				
I111	LIGHTING AIMING PLAN	X	X				
I112	INTERIOR FINISH PLAN	X	X				
I201	INTERIOR FINISH ELEVATIONS	X	X				
I202	INTERIOR FINISH ELEVATIONS	X	X				
I203	INTERIOR FINISH ELEVATIONS	X	X				
I204	INTERIOR FINISH ELEVATIONS	X	X				
I205	INTERIOR FINISH ELEVATIONS	X	X				
I401	RESTROOM PLAN & ELEVATIONS	X	X				
I501	INTERIOR DETAILS	X	X				
I502	INTERIOR DETAILS	X	X				
I503	CASEWORK DETAILS	X	X				
I504	CASEWORK DETAILS	X	X				
I505	CASEWORK DETAILS	X	X				
I506	CASEWORK DETAILS	X	X				
I601	SCHEDULES	X	X				
I602	SCHEDULES	X	X				
I603	SCHEDULES	X	X				
I604	SCHEDULES	X	X				
ELECTRICAL							
E001	ELECTRICAL NOTES	X	X				
E002	ELECTRICAL NOTES	X	X				
E003	ENERGY CODE CALCULATIONS	X	X				
E004	ELECTRICAL OUTLINE SPECIFICATIONS	X	X				
E005	ELECTRICAL OUTLINE SPECIFICATIONS	X	X				
E101	POWER PLAN	X	X				
E102	LIGHTING PLAN	X	X				
E501	ELECTRICAL DETAILS	X	X				
E502	ELECTRICAL DETAILS	X	X				
E503	ELECTRICAL DETAILS	X	X				
E601	ELECTRICAL SINGLE LINE	X	X				
MECHANICAL							
M001	MECHANICAL NOTES	X	X				
M002	MECHANICAL OUTLINE SPECIFICATIONS	X	X				
M003	MECHANICAL OUTLINE SPECIFICATIONS	X	X				
M101	MECHANICAL DESIGN PLAN	X	X				
M102	MECHANICAL ROOF PLAN	X	X				
M501	MECHANICAL DETAILS	X	X				
M601	MECHANICAL SCHEDULES	X	X				
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P001	PLUMBING NOTES	X	X				
P002	PLUMBING NOTES	X	X				
P003	PLUMBING OUTLINE SPECIFICATIONS	X	X				
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P102	PLUMBING WASTE AND VENT PLAN	X	X				
P501	PLUMBING DETAILS	X	X				
P502	PLUMBING DETAILS	X	X				
P503	PLUMBING DETAILS	X	X				
P601	PLUMBING SCHEDULES	X	X				
P901	PLUMBING WASTE AND VENT RISER	X	X				
P902	PLUMBING SUPPLY RISER	X	X				

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STARBUCKS TEMPLATE VERSION i2021.04.23

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THIS DRAWING WAS PREPARED UNDER MY SUPERVISION AND I DISCLAIM ANY RESPONSIBILITY FOR THE EXISTING BUILDING CONSTRUCTION ELEMENTS, SITE CONDITIONS, OR ANY DOCUMENTS WHICH DO NOT BEAR MY SEAL.

PROJECT NAME: BRIARCLIFF MANOR, NY

PROJECT ADDRESS: 107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #:	09369
PROJECT #:	26336-078
ISSUE DATE:	12-22-2023
DESIGN MANAGER:	ANNIE SONG
ENGINEER OF RECORD:	KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
GENERAL INFORMATION

SCALE: AS SHOWN

SHEET NUMBER:
G001

12/18/2023 9:40:44 AM C:\Users\cmoy\Documents\26336-078_Briarcliff Manor, NY_CD Bid Permit_cmoyWPR4Q.rvt

LEGEND

- EXIT PATH OF TRAVEL (MIN 3'-8" (1118MM) - NO PINCH POINT)
- BARRIER FREE PATH OF TRAVEL (MIN 3'-0" (915MM) IN PUBLIC AND MIN 2'-8" IN EMPLOYEE ONLY - PINCH POINT)
- MAX EXIT TRAVEL DISTANCE X' - X" — MAXIMUM EXIT TRAVEL DISTANCE
- EX — EXISTING EXIT LED SIGN WITH EMERGENCY LIGHT COMBO
- EX — EXISTING FIRE EXTINGUISHER
- NEW EMERGENCY LIGHTS BY SB
- NEW CONCEALED POP-OUT CEILING EMERGENCY LIGHTS BY SB
- MINIMUM CLEAR SPACE FOR WHEELCHAIR ACCESS 30" (760MM) X 48" (1220MM)
- R — RELOCATED FIRE EXTINGUISHER
- R — RELOCATED EXIT LED SIGN WITH EMERGENCY LIGHT COMBO

ROOM SCHEDULE

NAME	NET AREA
WORKROOM	542 SF
UNISEX RESTROOM	50 SF
BAR/ENGINE	314 SF
CAFE	294 SF
GRAND TOTAL	1199 SF

KEYED NOTES

1. THRESHOLDS TO BE BARRIER FREE COMPLIANT PER ALL APPLICABLE CODES. DOORS TO MAINTAIN REQUIRED PUSH/PULL CLEARANCE PER ANSI STANDARDS.
2. BARRIER-FREE PATH OF TRAVEL.
3. 30" (160 MM) X 48" (1220 MM) CLEAR FOR WHEELCHAIR ACCESS.
4. 60" (1525 MM) DIAMETER MINIMUM TURN RADIUS FOR WHEELCHAIR ACCESS.
5. 32" (815 MM) MINIMUM CLEAR AT RESTROOM DOOR.
6. POS TRANSACTION PLANE AND HAND-OFF PLANE ARE 34 INCHES (860 MM) ABOVE THE FINISHED FLOOR FOR WHEELCHAIR ACCESSIBILITY.
7. EXISTING EXIT LED SIGN WITH EMERGENCY LIGHT COMBO AT REAR SERVICE DOOR.
8. RELOCATED EXIT LED SIGN WITH EMERGENCY LIGHT COMBO AT PRIMARY EGRESS DOOR.
9. RELOCATED FIRE EXTINGUISHER.
10. EXISTING FIRE EXTINGUISHER TO REMAIN AS INDICATED.
11. NEW WALL MOUNTED EMERGENCY LIGHTS BY SB AS INDICATED. SEE INTERIOR FINISH ELEVATIONS FOR MORE INFORMATION ON MOUNTING HEIGHT.
12. INSTALL CONCEALED EMERGENCY LIGHTS INTO CAFE AND BAR/ENGINE SOFFIT/CEILING. SEE LIGHTING DIMENSION PLAN FOR MORE INFORMATION ON LOCATION.
13. NEW RESTROOM DOOR TO COMPLY WITH ALL APPLICABLE CODES. SEE ENLARGED RESTROOM PLANS AND ELEVATIONS FOR MORE INFORMATION.
14. EXISTING ELECTRICAL PANEL TO REMAIN. MAINTAIN MINIMUM CLEARANCE AS REQUIRED BY CODE.
15. TENANT STAIRCASE TO NON OCCUPABLE BASEMENT SPACE. STAIRCASE FOR UTILITY MAINTENANCE ACCESS ONLY.
16. ALL PLUMBING FIXTURES IN EMPLOYEE ONLY RESTROOM ARE EXISTING TO REMAIN.
17. EXISTING ENTRY DOOR TO REMAIN.
18. EXISTING COLUMN TO REMAIN.
19. EXISTING BARRIER-FREE SIGNAGE AT ACCESSIBLE RESTROOMS TO BE RELOCATED PER ALL APPLICABLE CODES. SEE ENLARGED RESTROOM PLAN AND ELEVATIONS FOR MORE INFORMATION.
20. NEW GUARDRAIL BY GC TO MATCH EXISTING.

MEANS OF EGRESS NOTES

A. EVERY ROOM OR SPACE THAT IS ASSEMBLY OCCUPANCY SHALL HAVE THE OCCUPANT LOAD OF THE ROOM OR SPACE POSTED IN A CONSPICUOUS PLACE, NEAR THE MAIN EXIT ACCESS DOORWAY. POSTED SIGNS SHALL BE OF AN APPROVED LEGIBLE PERMANENT DESIGN AND SHALL BE MAINTAINED BY THE OWNER AUTHORIZED AGENT (1004.3).

B. EGRESS SHALL NOT PASS THROUGH KITCHENS, STORAGE ROOMS, CLOSETS OR SIMILAR SPACES (1016.2).

C. PANIC AND FIRE EXIT HARDWARE, WHERE INSTALLED ON DOORS IN THIS BUILDING SHALL SATISFY THE FOLLOWING (1010):

1) THE ACTUATION PORTION OF THE RELEASING DEVICE SHALL EXTEND AT LEAST ONE-HALF OF THE DOOR LEAF WIDTH.

2) THE MAXIMUM UNLATCHING FORCE DOES NOT EXCEED 15 POUNDS (6.8 KG).

3) PIVOTED OR BALANCED DOORS SHALL BE OF THE PUSH-PAD TYPE WHERE PANIC HARDWARE IS REQUIRED AND THE PAD SHALL NOT EXTEND ACROSS MORE THAN ONE-HALF OF THE DOOR WIDTH, MEASURED FROM THE LATCH SIDE.

4) PANIC HARDWARE LISTED IN ACCORDANCE WITH UL 305.

5) FIRE EXIT HARDWARE LISTED IN ACCORDANCE WITH UL 10C AND UL 305.

D. STRUCTURAL ELEMENTS, FIXTURES OR FURNISHINGS SHALL NOT PROJECT HORIZONTALLY FROM EITHER SIDE MORE THAN 4 INCHES (100 MM) OVER ANY WALKING SURFACE BETWEEN 27 INCHES (685 MM) AND 80 INCHES (2030 MM) ABOVE THE WALKING SURFACE. EXCEPTION: HANDRAILS SERVING STAIRS AND RAMPS ARE PERMITTED TO PROTRUDE 4 1/2 INCHES (115 MM) FROM THE WALL. (1003.3.3).

E. THE PATH OF EGRESS TRAVEL EXITS AND WITHIN EXITS IN THIS BUILDING SHALL BE IDENTIFIED BY EXIT SIGNS CONFORMING TO THE REQUIREMENTS OF SECTION 1013 AND AS NOTED BELOW:

1) EXIT SIGNS SHALL BE READILY VISIBLE FROM ANY DIRECTION OF EGRESS TRAVEL.

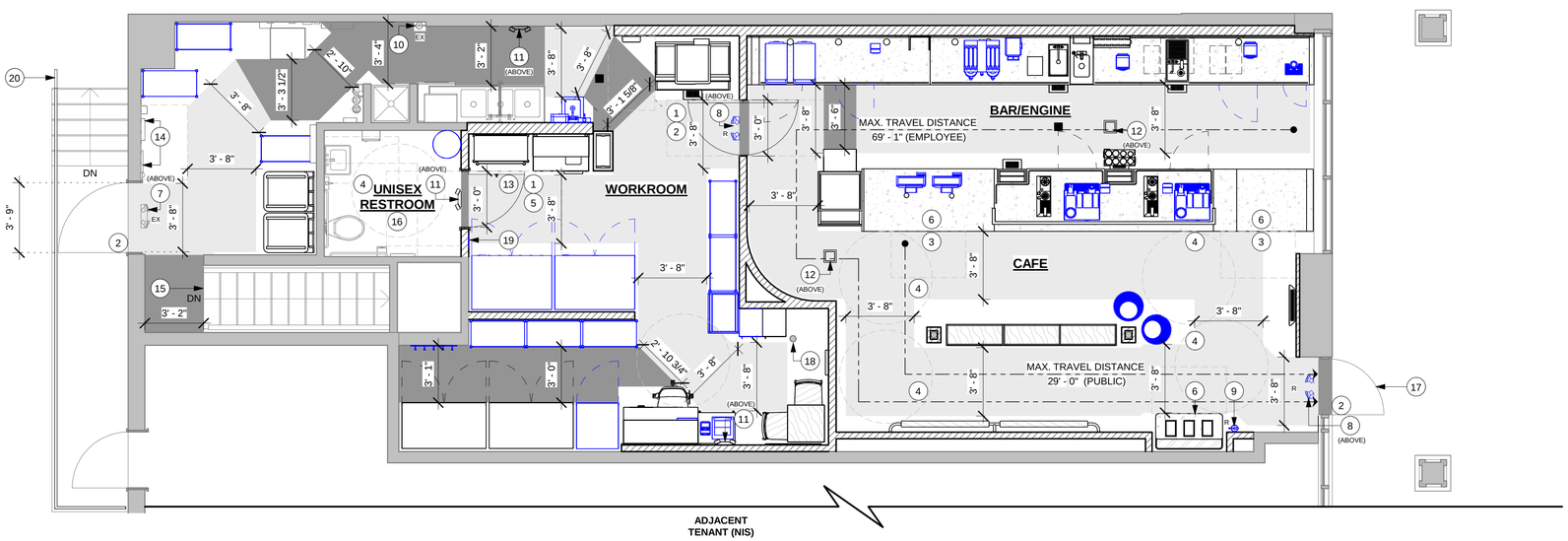
2) EXIT SIGNS SHALL BE LOCATED AS NECESSARY TO CLEARLY INDICATE THE DIRECTION OF EGRESS TRAVEL.

3) NO POINT IN A CORRIDOR SHALL BE MORE THAN 100 FT (30.5 M) OR THE LISTED VIEWING DISTANCE FOR THE SIGN, WHICHEVER IS LESS, FROM THE NEAREST VISIBLE EXIT SIGN.

F. HERE KEY OPERATED LOCKING DEVICES ARE USED, POST A SIGN ON OR ADJACENT TO THE REQUIRED MAIN EXIT DOOR WITH 1 INCH (25 MM) LETTERING STATING THAT "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED" (1010.2.4).

G. EGRESS DOORS OR GATES SHALL BE OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY, SPECIAL KNOWLEDGE OR EFFORT. DOOR HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES SHALL BE INSTALLED 34 INCHES (860 MM) TO 48 INCHES (1220 MM) ABOVE FINISHED FLOOR. MANUALLY OPERATED FLUSH BOLTS OR SURFACE BOLTS ARE NOT PERMITTED. THE UNLATCHING OF ANY DOOR OR LEAF SHALL NOT REQUIRE MORE THAN ONE OPERATION (1010).

H. LANDINGS SHALL BE PROVIDED ON EACH SIDE OF DOORS AND SUCH LANDING SHALL BE AT THE SAME ELEVATION ON EACH SIDE OF THE DOOR LANDINGS SHALL HAVE A WIDTH NOT LESS THAN THE WIDTH OF THE DOOR AND LENGTH MEASURED IN THE DIRECTION OF TRAVEL OF NOT LESS THAN 44 INCHES (11120 MM) (1010).



1 LIFE SAFETY AND ACCESSIBILITY PLAN
Scale: 1/4" = 1'-0"

0 2' 4' 8'
Scale: 1/4" = 1'-0"

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PROJECT NAME: BRIARCLIFF MANOR, NY

PROJECT ADDRESS: 107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #: 09369
PROJECT #: 26336-078
ISSUE DATE: 12-22-2023
DESIGN MANAGER: ANNIE SONG
ENGINEER OF RECORD: KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
LIFE SAFETY AND ACCESSIBILITY PLAN
SCALE: AS SHOWN

SHEET NUMBER:
G002

12/18/2023 9:41:04 AM C:\Users\cmoy\Documents\26336-078_Briarcliff Manor, NY_CD Bid Permit_cmoyWPR4Q.rvt

OCCUPANCY CALCULATIONS

ROOM / OCCUPANT LOAD FACTOR	MAX. OCC.
CAFE: 292 SQ. FT. / 60 SQ. FT./ OCC.	5 OCC.
BAR/ENGINE: 314 SQ. FT. / 200 SQ. FT. / OCC.	2 OCC.
WORKROOM: 542 SQ. FT. / 300 SQ. FT. / OCC.	2 OCC.
RESTROOM: 50 SQ. FT. / 300 SQ. FT. / OCC.	1 OCC.
TOTAL OCC. LOAD:	**10 OCC.**

PLUMBING FIXTURE CALCULATIONS

NY UNIFORMS STATE PLUMBING CODE CHAPTER 29-2018 IBC TABLE 2902.1

OCCUPANCY	UNISEX	TOTAL
SEE "NOTE A" BELOW		
TOTAL OCC	10 OCC.	10 OCC.

FIXTURES		WATER CLOSETS	URINALS*	LAVATORY	WATER FOUNTAIN**
	1 PER 75 M / 1 PER 75 F			1 PER 200 M / 1 PER 200 F	1 PER 100 OR STATION
	REQUIRED	1 EMPLOYEE	0 M	1 EMPLOYEE	0
	PROVIDED	1 EMPLOYEE	0 M	1 EMPLOYEE	FREE AT WINDOW UPON REQUEST

*IN EACH BATHROOM OR TOILET ROOM, URINALS SHALL NOT BE SUBSTITUTED FOR MORE THAN 67% OF THE REQUIRED WATER CLOSETS IN ASSEMBLY OCCUPANCIES.

**RETAIL ESTABLISHMENT SERVES WATER UPON REQUEST.

NOTE A: PER NYS PLUMBING CODE 2020 SECTION 403.3 EXCEPTION 2 - STRUCTURES AND TENANT SPACES INTENDED FOR QUICK TRANSACTIONS, INCLUDING TAKEOUT, PICKUP AND DROP-OFF, HAVING A PUBLIC ACCESS AREA LESS THAN OR EQUAL TO 300 SQUARE FEET (28 SQ. METERS).

EGRESS CALCULATIONS

EXIT WIDTH REQUIRED - 10 OCC. x 0.2	= 2 IN. (36 IN. MIN.)
EXIT WIDTH PROVIDED	= 36 IN. (COMPLIES)
EXITS	= 36 IN. MAIN EGRESS (PUBLIC) / 42 IN. REAR SERVICE DOOR (EMPLOYEE)
NUMBER OF EXITS REQUIRED	= 1 (B OCCUPANCY UNDER 49 OCC.)
NUMBER OF EXITS PROVIDED	= 2 (1 PUBLIC / 1 EMPLOYEE) (COMPLIES)
MAXIMUM. ALLOWABLE TRAVEL DISTANCE	= 250' - 0" (SPRINKLERED)
MAXIMUM. TRAVEL DISTANCE PROVIDED	= 29'-0" (PUBLIC) / 69' - 1" (EMPLOYEE)

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STARBUCKS TEMPLATE VERSION i2021.04.23

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BRIARCLIFF MANOR, NY

PROJECT ADDRESS:
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STORE #: 09369
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Revision Schedule

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SHEET TITLE:
LIFE SAFETY AND ACCES. SCHEDULES
SCALE: AS SHOWN

SHEET NUMBER:
G003

HEALTH DEPT. FINISH SCHEDULE

BAR/ENGINE
FLOOR: POLYVINYL FLOORING
WALL: WALL TILE / PLASTIC LAMINATE / WOOD WAINSCOT WITH CHAIR RAIL / WOOD CLADDING / FRP WALL COVERING WITH INTEGRATED POLYVINYL WALL BASE
CEILING: GYP. BD. WITH PAINT FINISH

CAFE
FLOOR: TILE FLOORING
WALL: WALL COVERING / WALL PAINT / WOOD WAINSCOT WITH CHAIR RAIL / WOOD CLADDING WITH COVED TILE BASE
CEILING: PRE-PAINTED ACOUSTICAL CEILING TILE / GYP. BD. WITH PAINT FINISH

WORKROOM
FLOOR: POLYVINYL FLOORING
WALL: FRP WALL COVERING WITH INTEGRAL POLYVINYL BASE
CEILING: ACOUSTICAL CEILING TILE

RESTROOM
FLOOR: POLYVINYL FLOORING
WALL: FRP WALL COVERING WITH INTEGRAL POLYVINYL BASE
CEILING: GYP. BD. WITH PAINT FINISH

FOOD SERVICE NOTES

A. EQUIPMENT UNITS SHALL CONTAIN NO EXPOSED THREADS, EMBELLISHMENTS, OR OVERHANGING EDGES THAT SERVE AS PLACES FOR THE ACCUMULATION OF DUST, DIRT AND/OR DEBRIS AS PER LOCAL DOH REQUIREMENTS.

B. ALL EQUIPMENT AND INSTALLATION SHALL MEET NATIONAL SANITATION FOUNDATION STANDARDS OR EQUIVALENT.

C. EDIBLE PRODUCTS TO BE PHYSICALLY SEPARATED FROM STORAGE OF NON-EDIBLE OR TOXIC PRODUCTS.

D. NO VEGETABLE OR FOOD PREPARATION ON THE PREMISES.

E. NO ALCOHOLIC BEVERAGES TO BE SOLD OR CONSUMED ON THE PREMISES.

F. REFER TO I403 FOR RESTROOM DETAILS.

HEALTH DEPT. PLAN NOTES

A. GENERAL CONTRACTOR TO SCHEDULE WITH REFRIGERATION CONTRACTOR TO CONDUCT INITIAL FOOD CASE START-UP AND TESTING. FOR APPROVED CONTRACTOR, CONTACT THE VENDOR.

B. THE SPACE IS SERVED BY THE MUNICIPAL WATER AND SEWER SYSTEM UNLESS OTHERWISE NOTED.

C. ALL EQUIPMENT AND INSTALLATION WILL MEET NATIONAL SANITATION FOUNDATION STANDARDS OR EQUIVALENT.

D. EQUIPMENT UNITS SHALL CONTAIN NO EXPOSED THREADS, EMBELLISHMENTS OR OVERHANGING EDGES THAT SERVE AS PLACES FOR ACCUMULATION OF DUST, DIRT AND DEBRIS.

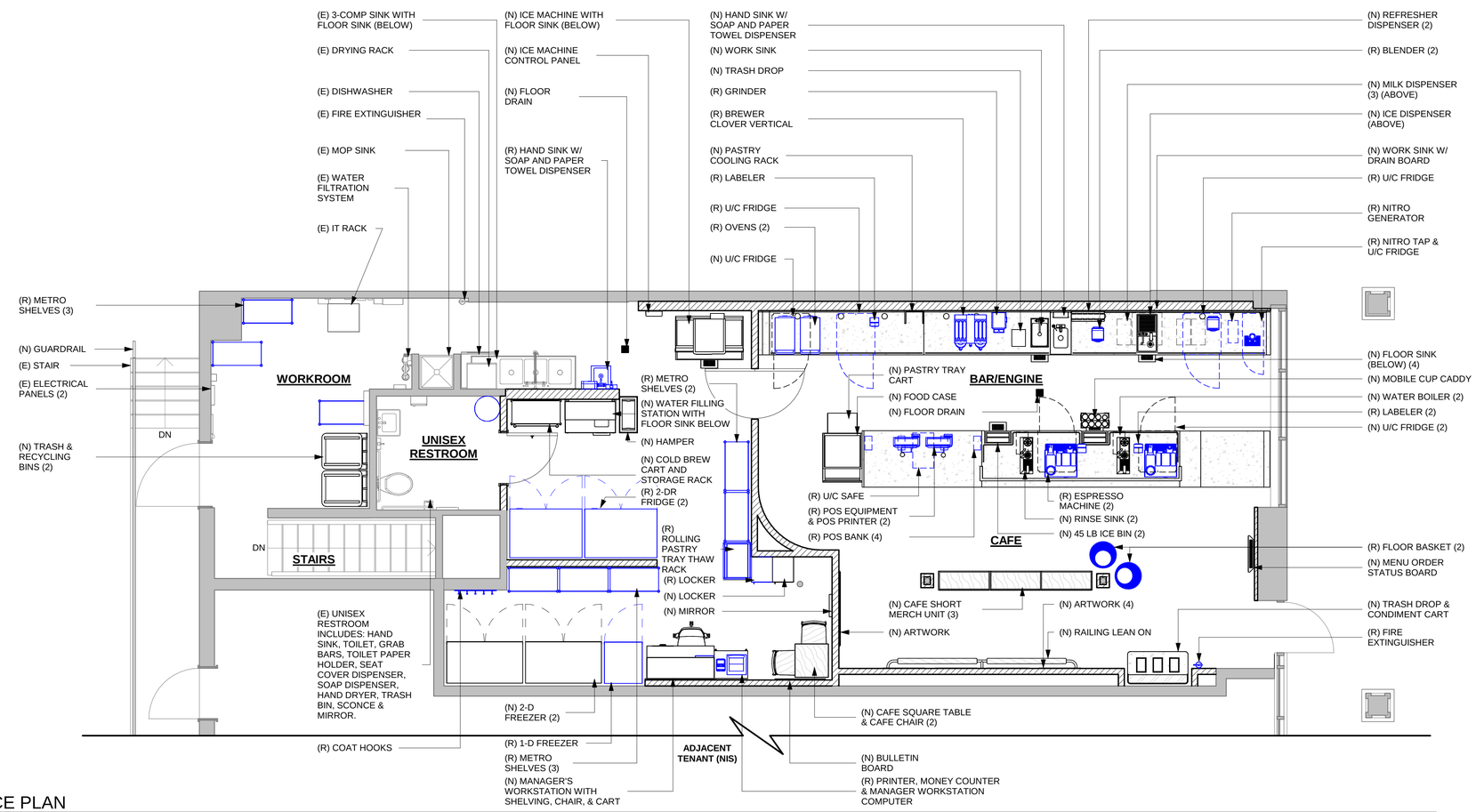
E. WARMING OVEN(S) SHOWN FOR PERMITTING PURPOSES. INSTALLATION AT STORE OPENING TO BE VERIFIED BY STARBUCKS CONSTRUCTION REPRESENTATIVE.

F. EACH HAND WASHING WILL HAVE A SINGLE SERVICE TOWEL AND SOAP DISPENSER AND ALL HAND SINKS TO HAVE A COMBINATION FAUCET OR PREMIXING FAUCET.

G. REFERENCE INTERIOR SCHEDULE SHEETS (I600 SERIES) FOR ADDITIONAL INFORMATION.

H. PROVIDE SNEEZE GUARDS WHERE REQUIRED BY JURISDICTION.

I. ALL FOOD STORAGE AND DISPLAY SHELVING SHALL BE A MINIMUM 6" (150MM) ABOVE FINISH FLOOR.



1 FOOD SERVICE PLAN
Scale: 1/4" = 1'-0"

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SHEET TITLE:
FOOD SERVICE PLAN

SCALE: AS SHOWN

SHEET NUMBER:
G004

ITEMS TO DEMOLISH

AA. OUTDOOR ROUND CAFE TABLE & BASE (3)
BB. OUTDOOR CAFE CHAIR (6)
CC. CAFE STOOLS (3)
DD. MOBILE CUP DISPENSER CADDY
EE. CONDIMENT CART
FF. INDOOR SQUARE CAFE TABLE & BASE (3)
GG. INDOOR CAFE CHAIR (6)
HH. CUSTOM SIT HERE BAR COUNTERTOP
II. FOOD CASE
JJ. CUSTOM RESERVE TOP CAP
KK. MERCH BASKET (3)
LL. SINGLE LIGHT SWITCH (2)
MM. OUTLET DUPLEX (9)
NN. MERCH BAY UNIT (2)
OO. ALL FRONTBAR EQUIPMENT, U.O.N.
PP. ALL FRONTBAR CASEWORK, U.O.N.
QQ. ALL BACKBAR EQUIPMENT, U.O.N.
RR. ALL BACKBAR CASEWORK, U.O.N.
SS. TRASH CAN
TT. MANAGER'S DESK
UU. DOOR SINGLE IMPACT DOUBLE ACTING
VV. RESTROOM DOOR (2)
WW. MANAGER'S WORKSTATION SHELVES
XX. FIVE WAY LIGHT SWITCH
YY. FOUR WAY LIGHT SWITCH
ZZ. ICE MACHINE
AB. METAL SHELVES FIXTURES (2)
AC. DIAPER CHANGING STATION (2)
AD. THERMOSTAT
AE. CABINET UPPER CUBBY
AF. 1-DR FRIDGE
AG. STORAGE DOOR
AH. ICE BIN
AI. HAND SINK
AJ. INDOOR CAFE SQUARE CHAIR (6)

LEGEND

ITEM TO BE DEMOLISHED
EXISTING ITEM TO BE RELOCATED
EXISTING ITEM TO REMAIN
EXISTING WALL TO REMAIN

ITEMS TO PRESERVE

AK. POS BANK TO BE RELOCATED (4)
AL. BLENDER TO BE RELOCATED (2)
AM. OVEN TO BE RELOCATED (2)
AN. ESPRESSO MACHINE TO BE RELOCATED (2)
AO. WORKROOM AND STORAGE SHELVING TO BE RELOCATED (5)
AP. U/C WARMING FRIDGE TO BE RELOCATED
AQ. GRINDER TO BE RELOCATED
AR. POS EQUIPMENT TO BE RELOCATED (2)
AS. SAFE & SAFE BASE TO BE RELOCATED
AT. POS PRINTER TO BE RELOCATED (2)
AU. CUP LABELER TO BE RELOCATED (3)
AV. BREWER TO BE RELOCATED
AW. MERCH BASKET TO BE RELOCATED (2)
AX. FIRE EXTINGUISHER TO BE RELOCATED
AY. 1-DR FREEZER TO BE RELOCATED
AZ. 2-DR FRIDGE TO BE RELOCATED
BA. HAND SINK TO BE RELOCATED
BC. ROLLING PASTRY TRAY THAW RACK TO BE RELOCATED
BD. NITROGEN FRIDGE TO BE RELOCATED
BE. NITRO TAP TO BE RELOCATED
BF. RESTROOM TRASH CAN TO BE RELOCATED
BG. COAT HOOK TO BE RELOCATED
BH. RESTROOM SIGNAGE TO BE RELOCATED
BI. MANAGER'S WORKSTATION COMPUTER, PRINTER, AND MONEY COUNTER TO BE RELOCATED
BJ. U/C FRIDGE TO BE RELOCATED
BK. NITROGEN GENERATOR TO BE RELOCATED

KEYED NOTES

1. EXISTING WALLS, WINDOWS AND DOOR TO REMAIN UNLESS OTHERWISE NOTED.
2. GC TO REMOVE EXISTING WALL AND ASSOCIATED ELECTRICAL FIXTURES AS INDICATED UNLESS OTHERWISE NOTED. GC TO PATCH/REPAIR ADJACENT EXISTING TO REMAIN WALLS AS NECESSARY.
3. GC TO REMOVE ALL EXISTING RESTROOM EQUIPMENT, FIXTURES AND PLUMBING FIXTURES U.O.N.
4. GC TO REMOVE EXISTING WALL FINISHES, WALLS TO BE PREPARED FOR NEW FINISHES. GC TO PATCH AND REPAIR WALLS AS REQUIRED.
5. GC TO REMOVE EXISTING FLOOR FINISH THROUGHOUT. GC TO PATCH, REPAIR AND PREP SUB/FLOOR FOR NEW FLOOR FINISH INSTALLATION.
6. GC TO REMOVE EXISTING WALL BASES, WALLS TO BE PREPARED FOR NEW BASES. GC TO PATCH AND REPAIR WALLS AS REQUIRED.
7. GC TO REMOVE EXISTING CASEWORK, HANGING DEVICES, FASTENERS FIXTURES, FURNITURE, EQUIPMENT, U.O.N. REMOVE ASSOCIATED ELECTRICAL DATA LINES, CAP EXISTING PLUMBING.
8. GC TO REMOVE EXISTING WALK OFF MAT. GC TO PATCH, REPAIR AND PREP SUB/FLOOR FOR NEW FLOOR FINISH INSTALLATION.
9. GC TO REMOVE EXISTING ESPRESSO STATION. 2 ESPRESSO MACHINES AND CUP LABELER TO BE RELOCATED AS INDICATED.
10. GC TO REMOVE EXISTING POS STATION. 2 POS REGISTERS, 4 POS BANKS AND 1 UNDERCOUNTER SAFE TO BE RELOCATED AS INDICATED.
11. GC TO REMOVE EXISTING CBE STATION. NITRO EQUIPMENT AND 2 BLENDERS TO BE RELOCATED AS INDICATED.
12. GC TO REMOVE EXISTING BREW STATION. 1 BREWER, 1 COFFEE GRINDER TO BE RELOCATED AS INDICATED.
13. EXISTING WATER METER AND BACKFLOW PREVENTER TO REMAIN UNLESS OTHERWISE NOTED.
14. EXISTING BREW STATION, WARMING GO CART TO BE REMOVED. 2 OVENS AND 1 UNDERCOUNTER FRIDGE TO BE RELOCATED.
15. EXISTING ELECTRICAL PANELS & EQUIPMENT LOCATIONS TO REMAIN AS INDICATED. SEE ELECTRICAL DRAWINGS FOR DEMO & NEW SCOPE.
16. EXISTING MOP SINK TO REMAIN AS INDICATED.
17. EXISTING 3-COMP SINK TO REMAIN AS INDICATED.
18. RESTROOM EQUIPMENT, FIXTURES AND PLUMBING TO REMAIN AS INDICATED.
19. EXISTING FIRE EXTINGUISHER TO REMAIN AS INDICATED.
20. EXISTING SIGN - DISK DF ILLUMINATED TO REMAIN AS INDICATED.
21. EXISTING STRUCTURAL COLUMN TO REMAIN AS INDICATED.
22. EXISTING IT RACK TO REMAIN AS INDICATED.
23. EXISTING CURB CUT TO REMAIN AS INDICATED.
24. EXISTING DOOR AT STOREFRONT TO REMAIN AS INDICATED.
25. EXISTING GUARDRAIL TO BE REMOVED FOR NEW INSTALL IN SAME LOCATION.

GENERAL NOTES

A. IF DURING DEMOLITION CONDITIONS ARE REVEALED THAT MAY JEOPARDIZE INTEGRITY OF STRUCTURE OR PRECLUDE FOLLOWING DESIGN INTENT, GENERAL CONTRACTOR TO NOTIFY STARBUCKS CONSTRUCTION MANAGER IMMEDIATELY.

B. GENERAL CONTRACTOR IS RESPONSIBLE FOR SITE INVESTIGATION PRIOR TO DEMOLITION TO REVEAL FULL SCOPE OF WORK. NOTIFY STARBUCKS CONSTRUCTION MANAGER IF EXISTING CONDITIONS DEVIATE FROM CONSTRUCTION DOCUMENTS.

C. REMOVE EXISTING INTERIOR WALL FINISH AS SHOWN. PATCH, REPAIR AND PREP. SUBSTRATE TO RECEIVENEW FINISH. REMOVE WALL COVERINGS ON EXISTING WALLS TO REMAIN THAT FACE AREAS OF DEMOLITION. REMOVAL SHALL INCLUDE ANY RESIDUAL MATERIAL AFTER DEMOLITION, (I.E. PIECES OF WALL COVERING OR BACKING). REMOVAL OF ALL COVERINGS IS TO BE DONE W/O DAMAGING THE EXISTING WALL SURFACE TO REMAIN. ALSO REMOVE WALL DEVICES AND ITEMS MOUNTED TO WALLS.

D. REMOVE EXISTING FLOORING AS SHOWN. PATCH, REPAIR AND PREP. SUBSTRATE TO RECEIVE NEW FINISH. REMOVAL OF EXISTING FLOORING INCLUDES, BUT IS NOT LIMITED TO REMOVAL OF EXISTING CERAMIC TILE, CARPET OR VINYL TILE FLOORING AND ASSOCIATED WALL BASE. SUBFLOOR TO BE STRIPPED OF ALL COVERING/FINISH AND CLEANED TO REMOVE EXISTING ADHESIVE, GROUT, MORTAR, DIRT AND COATINGS. FINAL SURFACE TO BE STREAK-FREE WITH NO MACHINE MARKS AND/OR SMOOTH, STABLE AND LEVEL. PROVIDE LEVELING WHERE NECESSARY TO ACCOMMODATE NEW FINISHES.

E. DEMOLITION PLANS REPRESENT APPROXIMATE LOCATION OF EXISTING WALLS TO BE DEMOLISHED. FIELD VERIFY TYPE OF CONSTRUCTION AND HEIGHT OF WALLS. PLANS DO NOT NECESSARILY INDICATE ALL DEMO WALLS, COUNTERS, HANDRAILS, WALL PROTECTION, CLOSETS, SINKS ETC. PRIOR TO DEMOLITION, FIELD VERIFY THAT WALLS TO BE REMOVED DO NOT PROVIDE SUPPORT FOR EXISTING BUILDING ELEMENTS AND EXISTING CONSTRUCTION TO REMAIN. NOTIFY STARBUCKS CONSTRUCTION

F. MANAGER IF DEMOLITION WALLS SUPPORT EXISTING BUILDING ELEMENTS.

G. DEMOLISH AND REMOVE DOORS, VINYL BASE, CONDUIT, WIRING, DUPLEXES, DATA OUTLETS, CABLES, SHELVING, METAL STUD AND GYPSUM BOARD WALLS, CLOSETS, CABINETS, FILES, COUNTERS, WOOD MOLDING, SHELVES AND ENCLOSURES WHERE APPLICABLE.

H. VERIFY WITH STARBUCKS CONSTRUCTION MANAGER ACCESS TO THE DEMOLITION AREA, INGRESS AND EGRESS ROUTES FOR MATERIAL AND EQUIPMENT.

I. PROTECT EXISTING FLOORS, WALLS AND CORNERS TO REMAIN ALONG WORK ACCESS ROUTES.

J. CONTAIN DUST AND DEBRIS WITHIN THE DEMOLITION AREA.

K. THE GENERAL CONTRACTOR SHALL PERFORM WORK IN A MANNER THAT DOES NOT DAMAGE THE EXISTING STRUCTURE. DEMOLITION SHALL NOT COMPROMISE.

L. THE STRUCTURAL INTEGRITY OF ANY WALLS, FLOORS, CEILINGS, SUPPORTS, STRUCTURE, ETC. TO REMAIN.

M. ALL DEMOLITION MATERIALS AND DEBRIS SHALL BE DISPOSED OF ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS.

N. AT LOCATIONS WHERE EXISTING WALLS ARE TO BE REMOVED NEAR EXISTING WALLS TO REMAIN, PERFORM DEMOLITION WITHOUT DISTURBING EXISTING ELEMENTS TO REMAIN. WALLS TO REMAIN SHALL BE INTACT AND HAVE A NEAT SURFACE.

O. REFER TO "ITEMS TO BE PRESERVED" LIST FOR ITEMS THAT SHALL BE SALVAGED FOR RELOCATION. VERIFY WITH OWNER FOR ON SITE STORAGE LOCATION OF SALVAGED ITEMS.

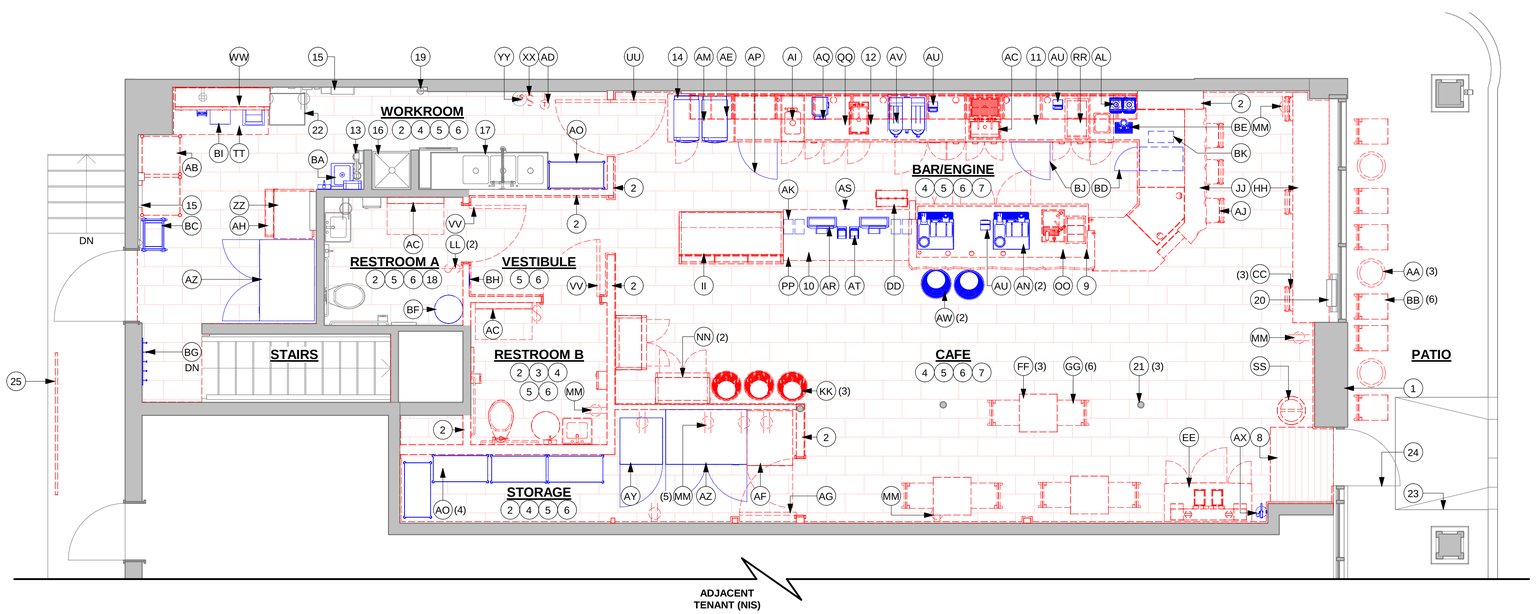
P. DAMAGED FIREPROOFING SHALL BE REPAIRED/REPLACED TO MATCH EXISTING.

Q. THE GENERAL CONTRACTOR SHALL DEMOLISH ANY EXISTING ABANDONED VOICE/DATA CABLING AND DEAD OR NON-USE ELECTRICAL BACK TO PANEL. ALL RECEPTACLES NOT REUSED ARE TO BE REMOVED, PATCHED AND PAINTED.

R. REMOVAL OF LOW VOLTAGE EQUIPMENT, PERTAINING TO DATA/COMMUNICATIONS AND TELEPHONE SHALL BE VERIFIED BY THE STARBUCKS CONSTRUCTION MANAGER PRIOR TO REMOVAL. SALVAGED EQUIPMENT SHALL BE STORED IN A CLIMATE CONTROLLED ENVIRONMENT FOR FUTURE INSTALLATION.

S. LABEL ALL ITEMS AND PROPERLY STORE FOR RE-INSTALL.

T. REMOVE EXISTING PLUMBING FIXTURES AND HVAC EQUIPMENT AS NECESSARY. CAP LINES AND TERMINATE DUCTS AS NECESSARY FOR THOSE NOT BEING RE-USED.



1 DEMOLITION PLAN
Scale: 1/4" = 1'-0"

0 2' 4' 8'
Scale: 1/4" = 1'-0"

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ISSUE DATE: 12-22-2023
DESIGN MANAGER: ANNIE SONG
ENGINEER OF RECORD: KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
DEMOLITION FLOOR PLAN
SCALE: AS SHOWN

SHEET NUMBER:
D101

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LEGEND

- ITEM TO BE DEMOLISHED
- EXISTING ITEM TO BE RELOCATED
- EXISTING ITEM TO REMAIN
- EXISTING WALL AND COLUMN TO REMAIN

KEYED NOTES

1. GC TO REMOVE EXISTING ACT CEILING AS INDICATED.
2. GC TO REMOVE EXISTING GYP. BD. CEILING AS INDICATED.
3. EXISTING ACT CEILING TO REMAIN AS INDICATED.
4. EXISTING GYP. BD. CEILING TO REMAIN AS INDICATED.
5. GC TO REMOVE EXISTING WALLS AS INDICATED.
6. EXISTING DIFFUSER GRILLE TO REMAIN AS INDICATED.
7. EXISTING DIFFUSER GRILLE TO BE RELOCATED AS INDICATED.
8. EXISTING RETURN GRILLE TO REMAIN AS INDICATED.
9. EXISTING RETURN GRILLE TO BE RELOCATED AS INDICATED.
10. EXISTING WALL MOUNTED EXIT SIGN WITH EMERGENCY LIGHT TO REMAIN AS INDICATED.
11. EXISTING WALL MOUNTED EXIT SIGN WITH EMERGENCY LIGHT TO BE RELOCATED AS INDICATED.
12. EXISTING DISK DF ILLUMINATED TO REMAIN AS INDICATED.
13. EXISTING TRACK CONNECTOR TO BE RELOCATED AS INDICATED.
14. EXISTING SMOKE DETECTOR TO BE RELOCATED AS INDICATED. INSTALL IN SAME LOCATION ON NEW CEILING.
15. EXISTING MOTION DETECTOR TO REMAIN AS INDICATED.
16. GC TO REMOVE EXISTING TRACK HEAD AS INDICATED.
17. EXISTING SECURITY CAMERA TO BE RELOCATED AS INDICATED.
18. EXISTING WIFI ROUTER TO BE RELOCATED AS INDICATED.
19. GC TO REMOVE EXISTING CAN LED DOWNLIGHT AS INDICATED.
20. EXISTING RETURN GRILLE 24" x 48" TO BE REMOVED AS INDICATED.
21. GC TO REMOVE EXISTING CAN LED WALL WASH AS INDICATED.
22. EXISTING SPRINKLERS TO REMAIN AS INDICATED. SHOWN FOR DESIGN INTENT ONLY. SEPARATE FIRE PROTECTION PERMIT APPLICATION TO BE FILED BY GC AS REQUIRED.
23. EXISTING SPRINKLERS TO BE RELOCATED AS INDICATED. INSTALL IN SAME LOCATION ON NEW CEILING. SHOWN FOR DESIGN INTENT ONLY. SEPARATE FIRE PROTECTION PERMIT APPLICATION TO BE FILED BY GC AS REQUIRED.
24. EXISTING SMOKE DETECTOR TO REMAIN AS INDICATED.
25. EXISTING ROUND COLUMN TO REMAIN AS INDICATED.
26. EXISTING TROFFER LIGHTS TO REMAIN AS INDICATED.
27. EXISTING CAN LED DOWNLIGHT TO REMAIN AS INDICATED.
28. GC TO REMOVE EXISTING SPEAKER WALL MOUNTED AS INDICATED.
29. EXISTING AIR CURTAIN TO REMAIN AS INDICATED.

GENERAL NOTES

A. IF DURING DEMOLITION CONDITIONS ARE REVEALED THAT MAY JEOPARDIZE INTEGRITY OF STRUCTURE OR PRECLUDE FOLLOWING DESIGN INTENT, GENERAL CONTRACTOR TO NOTIFY STARBUCKS CONSTRUCTION MANAGER IMMEDIATELY.

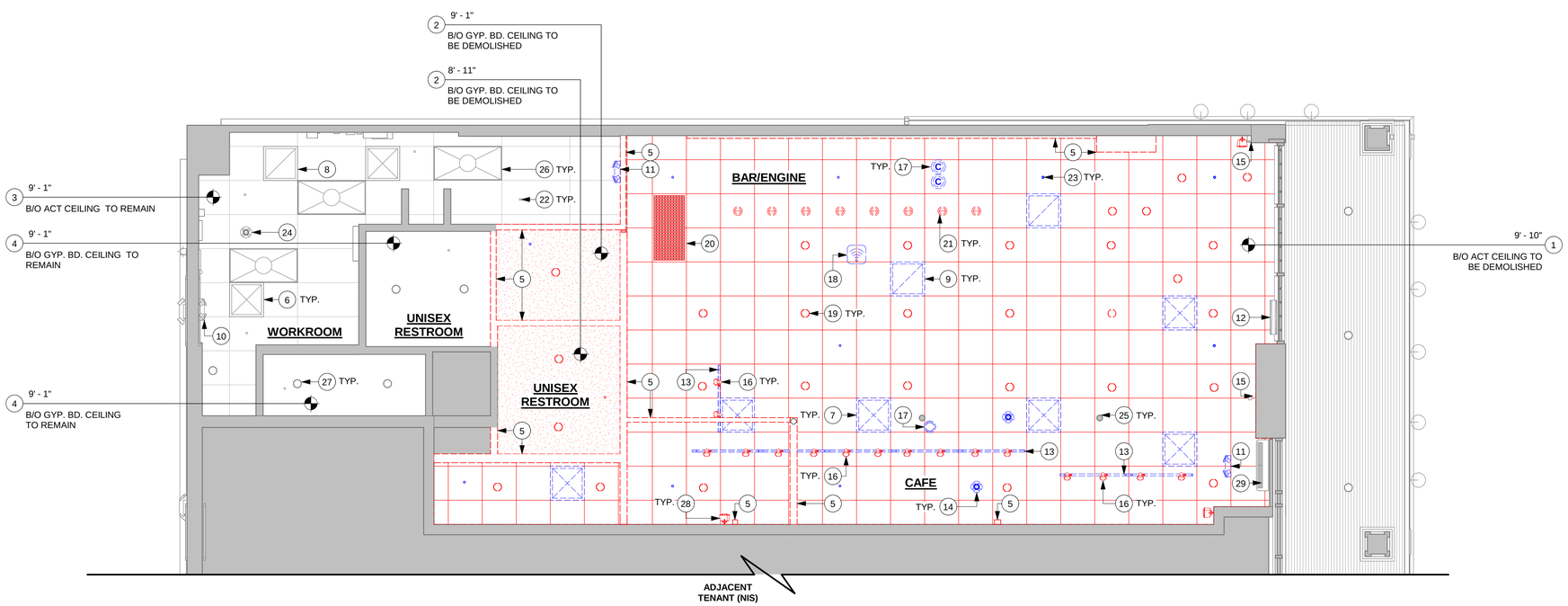
B. REMOVE EXTRANEOUS EQUIPMENT AS NECESSARY.

C. EXISTING SPRINKLERS TO REMAIN OPERATIONAL DURING CONSTRUCTION.

D. DEMOLISH AND REMOVE SUSPENDED ACOUSTIC LAY-IN, SPLINE OR GYPSUM/ PLASTER CEILING INCLUSIVE OF HANGERS AND CARRYING CHANNELS, WIRES, CABLES, CONDUIT, ADHERED CEILING TILES, FLEX CONDUIT, ELECTRICAL BOXES, SMOKE DETECTORS, LIGHT FIXTURES AND WIRING, DUCT WORK, PIPING AND SUPPORT HANGERS. CUT HANGERS FLUSH. SPACES RECEIVING WALL DEMOLITION WILL ALSO HAVE CEILING DEMOLITION UNLESS OTHERWISE NOTED.

E. REMOVAL OF LOW VOLTAGE EQUIPMENT, PERTAINING TO DATA/ COMMUNICATIONS AND TELEPHONE SHALL BE VERIFIED BY STARBUCKS CONSTRUCTION MANAGER PRIOR TO REMOVAL. SALVAGED EQUIPMENT SHALL BE STORED IN A CLIMATE CONTROLLED ENVIRONMENT FOR FUTURE INSTALLATION.

SPRINKLER SCOPE SHOWN FOR DESIGN INTENT ONLY. SEPARATE PERMIT APPLICATION TO BE FILED BY GC AS REQUIRED.



1 DEMOLITION CEILING PLAN

Scale: 1/4" = 1'-0"

0 2' 4' 8'

Scale: 1/4" = 1'-0"

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THIS DRAWING WAS PREPARED UNDER MY SUPERVISION AND I DISCLAIM ANY RESPONSIBILITY FOR THE EXISTING BUILDING CONSTRUCTION ELEMENTS, SITE CONDITIONS, OR ANY DOCUMENTS WHICH DO NOT BEAR MY SEAL.

PROJECT NAME: BRIARCLIFF MANOR, NY

PROJECT ADDRESS: 107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #:	09369
PROJECT #:	26336-078
ISSUE DATE:	12-22-2023
DESIGN MANAGER:	ANNIE SONG
ENGINEER OF RECORD:	KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
DEMO. REFLECTED CEILING PLAN
SCALE: AS SHOWN

SHEET NUMBER:
D102

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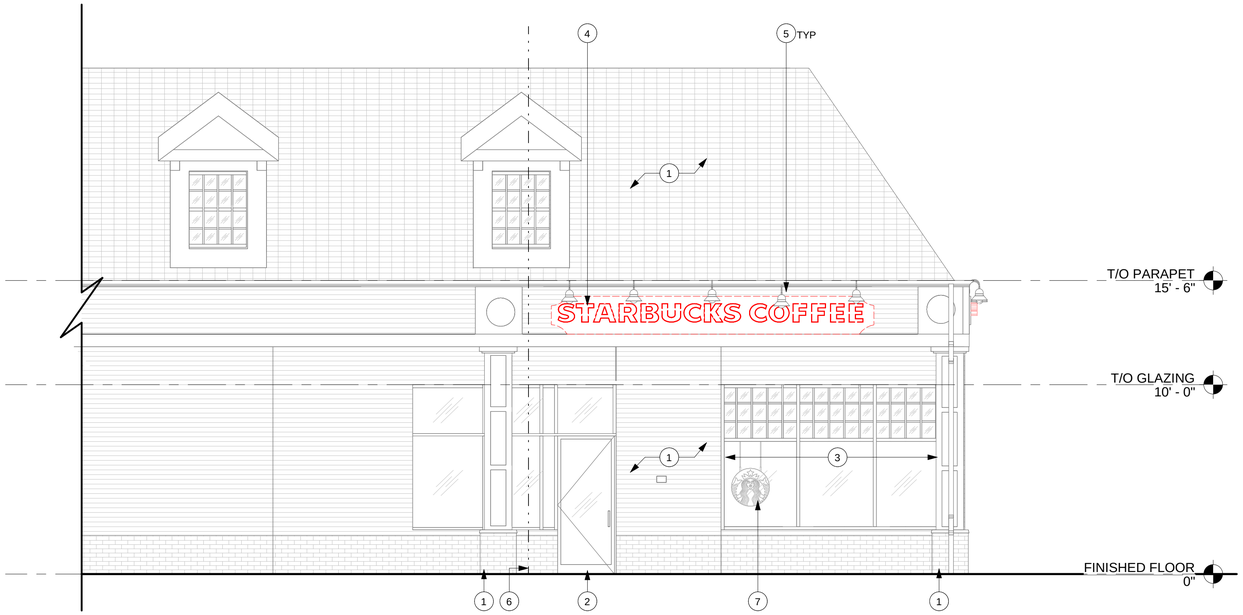
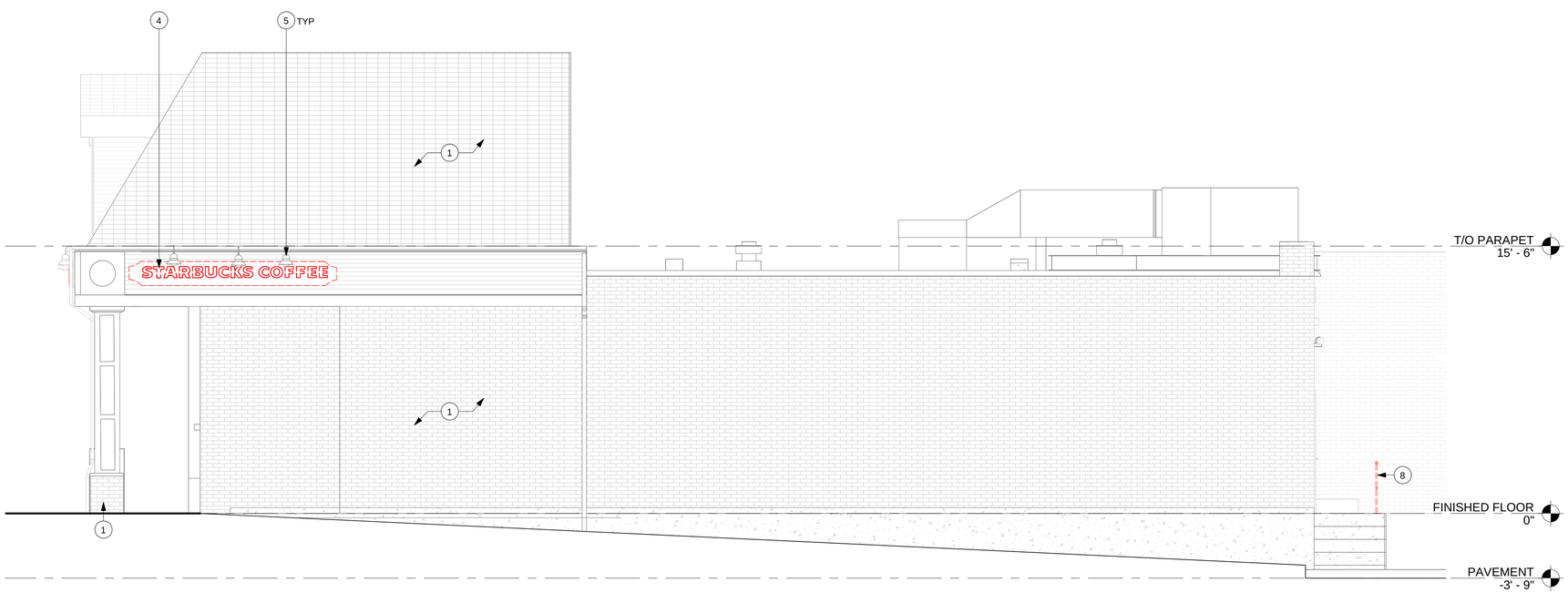


1 DEMOLITION EXTERIOR ELEVATION SOUTH

Scale: 1/4" = 1'-0"



2 DEMOLITION EXTERIOR ELEVATION EAST

Scale: 1/4" = 1'-0"

KEYED NOTES

1. ALL EXISTING WALLS, ROOFS, COLUMNS AND CURBS TO REMAIN UNLESS OTHERWISE NOTED. GC TO PROTECT THROUGHOUT THE COURSE OF DEMOLITION AND CONSTRUCTION.
2. EXISTING ENTRY DOOR TO REMAIN.
3. EXISTING STOREFRONT SYSTEM TO REMAIN AS INDICATED.
4. EXISTING SIGNAGE TO BE DEMOLISHED FOR INSTALLATION OF NEW SIGNAGE IN SAME LOCATION.
5. EXISTING WALL LAMP TO REMAIN AS INDICATED.
6. DEMISING WALL LINE FOR REFERENCE ONLY.
7. EXISTING SIGN - DISK DF ILLUMINATED SUSPENDED EVOLVED TO REMAIN AS INDICATED.
8. EXISTING GUARDRAIL TO BE REMOVED FOR NEW INSTALL IN SAME LOCATION.

LEGEND

- ITEM TO BE DEMOLISHED
- EXISTING ITEM TO REMAIN
- EXISTING WALL TO REMAIN

PLEASE NOTE SIGANGE WILL BE INCLUDED AS DEFERRED SUBMITTAL. ALL SIGNAGE SCOPE SHOWN FOR DESIGN INTENT ONLY.

GENERAL NOTES

A. IF DURING DEMOLITION CONDITIONS ARE REVEALED THAT MAY JEOPARDIZE INTEGRITY OF STRUCTURE OR PRECLUDE FOLLOWING DESIGN INTENT, GENERAL CONTRACTOR TO NOTIFY STARBUCKS CONSTRUCTION MANAGER IMMEDIATELY.

B. GENERAL CONTRACTOR IS RESPONSIBLE FOR SITE INVESTIGATION PRIOR TO DEMOLITION TO REVEAL FULL SCOPE OF WORK. NOTIFY STARBUCKS CONSTRUCTION MANAGER IF EXISTING CONDITIONS DEVIATE FROM CONSTRUCTION DOCUMENTS.

C. REMOVE EXISTING INTERIOR WALL FINISH AS SHOWN. PATCH, REPAIR AND PREP. SUBSTRATE TO RECEIVE NEW FINISH. REMOVE WALL COVERINGS ON EXISTING WALLS TO REMAIN THAT FACE AREAS OF DEMOLITION. REMOVAL SHALL INCLUDE ANY RESIDUAL MATERIAL AFTER DEMOLITION, (I.E. PIECES OF WALL COVERING OR BACKING). REMOVAL OF ALL COVERINGS IS TO BE DONE W/O DAMAGING THE EXISTING WALL SURFACE TO REMAIN. ALSO REMOVE WALL DEVICES AND ITEMS MOUNTED TO WALLS.

D. REMOVE EXISTING FLOORING AS SHOWN. PATCH, REPAIR AND PREP. SUBSTRATE TO RECEIVE NEW FINISH. REMOVAL OF EXISTING FLOORING INCLUDES, BUT IS NOT LIMITED TO REMOVAL OF EXISTING CERAMIC TILE, CARPET OR VINYL TILE FLOORING AND ASSOCIATED WALL BASE. SUBFLOOR TO BE STRIPPED OF ALL COVERING/FINISH AND CLEANED TO REMOVE EXISTING ADHESIVE, GROUT, MORTAR, DIRT AND COATINGS. FINAL SURFACE TO BE STREAK-FREE WITH NO MACHINE MARKS AND/OR SMOOTH, STABLE AND LEVEL. PROVIDE LEVELING WHERE NECESSARY TO ACCOMMODATE NEW FINISHES.

E. DEMOLITION PLANS REPRESENT APPROXIMATE LOCATION OF EXISTING WALLS TO BE DEMOLISHED. FIELD VERIFY TYPE OF CONSTRUCTION AND HEIGHT OF WALLS. PLANS DO NOT NECESSARILY INDICATE ALL DEMO WALLS, COUNTERS, HANDRAILS, WALL PROTECTION, CLOSETS, SINKS ETC. PRIOR TO DEMOLITION, FIELD VERIFY THAT WALLS TO BE REMOVED DO NOT PROVIDE SUPPORT FOR EXISTING BUILDING ELEMENTS AND EXISTING CONSTRUCTION TO REMAIN. NOTIFY STARBUCKS CONSTRUCTION MANAGER IF DEMOLITION WALLS SUPPORT EXISTING BUILDING ELEMENTS.

F. DEMOLISH AND REMOVE DOORS, VINYL BASE, CONDUIT, WIRING, DUPLEXES, DATA OUTLETS, CABLES, SHELVING, METAL STUD AND GYPSUM BOARD WALLS, CLOSETS, CABINETS, FILES, COUNTERS, WOOD MOLDING, SHELVES AND ENCLOSURES WHERE APPLICABLE.

G. VERIFY WITH STARBUCKS CONSTRUCTION MANAGER ACCESS TO THE DEMOLITION AREA, INGRESS AND EGRESS ROUTES FOR MATERIAL AND EQUIPMENT.

H. PROTECT EXISTING FLOORS, WALLS AND CORNERS TO REMAIN ALONG WORK ACCESS ROUTES.

I. CONTAIN DUST AND DEBRIS WITHIN THE DEMOLITION AREA.

J. THE GENERAL CONTRACTOR SHALL PERFORM WORK IN A MANNER THAT DOES NOT DAMAGE THE EXISTING STRUCTURE. DEMOLITION SHALL NOT COMPROMISE THE STRUCTURAL INTEGRITY OF ANY WALLS, FLOORS, CEILINGS, SUPPORTS, STRUCTURE, ETC. TO REMAIN.

K. ALL DEMOLITION MATERIALS AND DEBRIS SHALL BE DISPOSED OF ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS.

L. AT LOCATIONS WHERE EXISTING WALLS ARE TO BE REMOVED NEAR EXISTING WALLS TO REMAIN, PERFORM DEMOLITION WITHOUT DISTURBING EXISTING ELEMENTS TO REMAIN. WALLS TO REMAIN SHALL BE INTACT AND HAVE A NEAT SURFACE.

M. REFER TO "ITEMS TO BE PRESERVED" LIST FOR ITEMS THAT SHALL BE SALVAGED FOR RELOCATION. VERIFY WITH OWNER FOR ON SITE STORAGE LOCATION OF SALVAGED ITEMS.

N. DAMAGED FIREPROOFING SHALL BE REPAIRED/REPLACED TO MATCH EXISTING.

O. THE GENERAL CONTRACTOR SHALL DEMOLISH ANY EXISTING ABANDONED VOICE/DATA CABLING AND DEAD OR NON-USE ELECTRICAL BACK TO PANEL. ALL RECEPTACLES NOT REUSED ARE TO BE REMOVED, PATCHED AND PAINTED.

P. REMOVAL OF LOW VOLTAGE EQUIPMENT, PERTAINING TO DATA/COMMUNICATIONS AND TELEPHONE SHALL BE VERIFIED BY THE STARBUCKS CONSTRUCTION MANAGER PRIOR TO REMOVAL. SALVAGED EQUIPMENT SHALL BE STORED IN A CLIMATE CONTROLLED ENVIRONMENT FOR FUTURE INSTALLATION.

Q. LABEL ALL ITEMS AND PROPERLY STORE FOR RE-INSTALL.

R. REMOVE EXISTING PLUMBING FIXTURES AND HVAC EQUIPMENT AS NECESSARY. CAP LINES AND TERMINATE DUCTS AS NECESSARY FOR THOSE NOT BEING RE-USED.

S. ALL DEMOLITION MATERIALS AND DEBRIS SHALL BE DISPOSED OF ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS.

T. AT LOCATIONS WHERE EXISTING WALLS ARE TO BE REMOVED NEAR EXISTING WALLS TO REMAIN, PERFORM DEMOLITION WITHOUT DISTURBING EXISTING ELEMENTS TO REMAIN. WALLS TO REMAIN SHALL BE INTACT AND HAVE A NEAT SURFACE.

U. REFER TO "ITEMS TO BE PRESERVED" LIST FOR ITEMS THAT SHALL BE SALVAGED FOR RELOCATION. VERIFY WITH OWNER FOR ON SITE STORAGE LOCATION OF SALVAGED ITEMS.

V. DAMAGED FIREPROOFING SHALL BE REPAIRED/REPLACED TO MATCH EXISTING.

W. THE GENERAL CONTRACTOR SHALL DEMOLISH ANY EXISTING ABANDONED VOICE/DATA CABLING AND DEAD OR NON-USE ELECTRICAL BACK TO PANEL. ALL RECEPTACLES NOT REUSED ARE TO BE REMOVED, PATCHED AND PAINTED.

X. REMOVAL OF LOW VOLTAGE EQUIPMENT, PERTAINING TO DATA/COMMUNICATIONS AND TELEPHONE SHALL BE VERIFIED BY THE STARBUCKS CONSTRUCTION MANAGER PRIOR TO REMOVAL. SALVAGED EQUIPMENT SHALL BE STORED IN A CLIMATE CONTROLLED ENVIRONMENT FOR FUTURE INSTALLATION.

Y. LABEL ALL ITEMS AND PROPERLY STORE FOR RE-INSTALL.

Z. REMOVE EXISTING PLUMBING FIXTURES AND HVAC EQUIPMENT AS NECESSARY. CAP LINES AND TERMINATE DUCTS AS NECESSARY FOR THOSE NOT BEING RE-USED.

0 2' 4' 8'

Scale: 1/4" = 1'-0"

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PROJECT NAME: BRIARCLIFF MANOR, NY

PROJECT ADDRESS: 107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #: 09369
PROJECT #: 26336-078
ISSUE DATE: 12-22-2023
DESIGN MANAGER: ANNIE SONG
ENGINEER OF RECORD: KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
DEMOLITION EXTERIOR ELEVATIONS
SCALE: AS SHOWN

SHEET NUMBER:
D103

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WALL BLOCKING KEY

SYMBOL	ITEM	WEIGHT	HEIGHT A.F.F.	APPROX. WIDTH
A	WORKROOM HAND SINK	128 LBS (58 KG)	30" TO 60" (915MM TO 1015MM)	30" (760MM) BEHIND SINK
B	SHELVES AT MANAGER'S DESK	300 LBS (136 KG)	32" TO 96" (810MM TO 2440MM)	48" (1220MM) 3/4 (19MM) ACX PLYWOOD, CENTERED ON SHELVES
C	LOCKERS	BLOCKING SPECIFICATION TO BE PROVIDED BY VENDOR. IN-WALL BLOCKING PREFERRED. PAINT WHITE IF SURFACE MOUNTED.		
D	COAT HOOK			
E	UPPER CBE SHELVING	BLOCKING SPECIFICATION FOR CBE METAL SHELVES. REFER TO VENDOR'S SPECIFICATION AND DETAILS.		
F	ALL ARTWORK, FIXTURES, ACCESSORIES AND CASEWORK FABRICATIONS NOT OTHERWISE NOTED	TBD BY VENDOR (VARIES)	GC TO PROVIDE WALL BLOCKING AS REQUIRED FOR ALL ITEMS FOR A COMPLETE AND SECURE INSTALLATION. EXTEND BLOCKING 8" (205MM) BEYOND ON EACH SIDE OF EACH ITEM.	
G	MENU BOARDS / ORDER STATUS BOARD	BLOCKING SPECIFICATION FOR MENU BOARDS. REFER TO VENDOR'S SPECIFICATION AND DETAILS.		
H	WOOD CLADDING / WOOD WAINSCOT	BLOCKING SPECIFICATION FOR WOOD CLADDING. REFER TO VENDOR'S SPECIFICATION AND DETAILS.		
I	CONTROL PANEL	GC TO PROVIDE WALL BLOCKING AS REQUIRED FOR ALL ITEMS FOR A COMPLETE AND SECURE INSTALLATION. EXTEND BLOCKING 8" (205MM) BEYOND ON EACH SIDE OF EACH ITEM.		
J	PASTRY COOLING RACK	GC TO PROVIDE WALL BLOCKING AS REQUIRED FOR ALL ITEMS FOR A COMPLETE AND SECURE INSTALLATION. EXTEND BLOCKING 8" (205MM) BEYOND ON EACH SIDE OF EACH ITEM.		
K	ICE DIVERTER	GC TO PROVIDE WALL BLOCKING AS REQUIRED FOR ALL ITEMS FOR A COMPLETE AND SECURE INSTALLATION. EXTEND BLOCKING 8" (205MM) BEYOND ON EACH SIDE OF EACH ITEM.		

NEW WALL CONSTRUCTION SCHEDULE

WALL LABELING KEY: INTERIOR SHEATHING / WALL STUD (XX XX XX) / INTERIOR MODIFIER

WALL STUDS	
2a	1 5/8" 20 GA STUDS AT 16" O.C. (TERMINATE 6" ABOVE CEILING). PROVIDE 45 DEGREE METAL STUD BRACING AT 48" O.C. FROM TOP OF STUD WALL TO STRUCTURE ABOVE.
4a	3 5/8" 20 GA STUDS AT 16" O.C. (TERMINATE 6" ABOVE CEILING). PROVIDE 45 DEGREE METAL STUD BRACING AT 48" O.C. FROM TOP OF STUD WALL TO STRUCTURE ABOVE.
6a	6" 20 GA STUDS AT 16" O.C. (TERMINATE 6" ABOVE CEILING). PROVIDE 45 DEGREE METAL STUD BRACING AT 48" O.C. FROM TOP OF STUD WALL TO STRUCTURE ABOVE.
INTERIOR SHEATHING	
A	5/8" CEMENTITIOUS BACKER BOARD (TERMINATE 6" ABOVE CEILING) ON ONE SIDE; 5/8" WATER RESISTANT GYP. BOARD (TERMINATE 6" ABOVE CEILING) ON OTHER SIDE
B	5/8" WATER RESISTANT GYP. BOARD (TERMINATE 6" ABOVE CEILING) ON ONE SIDE
C	5/8" WATER RESISTANT GYP. BOARD (TERMINATE 6" ABOVE CEILING) ON BOTH SIDES
D	5/8" WATER RESISTANT GYP. BOARD (TERMINATE 6" ABOVE CEILING) ON ONE SIDE; 5/8" GYP. BOARD (TERMINATE 6" ABOVE CEILING) ON OTHER SIDE
E	5/8" GYP. BOARD (TERMINATE 6" ABOVE CEILING) ON ONE SIDE
F	5/8" CEMENTITIOUS BACKER BOARD ON ONE SIDE ONLY
G	5/8" GYP. BOARD (TERMINATE 6" ABOVE CEILING) ON BOTH SIDES
INTERIOR MODIFIERS	
ai	ACOUSTIC INSULATION (FULL HEIGHT)

GENERAL LEGEND

- NEW FULL HEIGHT WALL
- EXISTING WALL
- WALL BLOCKING CALL-OUT (XX)
- EXISTING HEADER ABOVE
- EXISTING COLUMN

DOOR LEGEND

INTERIOR — SINGLE FLUSH (TYPE A)

INTERIOR — SINGLE IMPACT DOUBLE ACTING (TYPE B)

KEYED NOTES

1. DATUM POINT WHERE INDICATED. DIMENSIONS TO BE TAKEN FROM FINISHED INTERIOR FACE OF EXISTING EXTERIOR WALLS.
2. OUTLINE OF BAR PER CASEWORK MANUFACTURER.
3. OUTLINE OF CANOPY ABOVE.
4. EXISTING DOOR TO REMAIN AS INDICATED. SEE DOOR SCHEDULE FOR MORE INFORMATION.
5. GC TO INSTALL NEW DOOR AS INDICATED. SEE DOOR SCHEDULE FOR MORE INFORMATION.
6. LOCATION OF MENU BOARDS ABOVE MOUNTED ON FACE.
7. EXISTING ELECTRICAL PANELS AND EQUIPMENT TO REMAIN AS INDICATED.
8. EXISTING STRUCTURAL COLUMN TO REMAIN AS INDICATED.
9. WOOD WAINSCOT, WOOD CLADDING, COAT HOOK AND ORDER STATUS BOARD TO BE MOUNTED ON FRENCH CLEAT TIED INTO EXISTING WALL AS INDICATED. SEE BLOCKING ELEVATIONS FOR MORE INFORMATION ON MOUNTING LOCATIONS.
10. NEW GUARDRAIL WITH BLACK FINISH BY GC. GC TO PROVIDE SPEC FOR STARBUCKS REVIEW AND APPROVAL.
11. FUR OUT JOG IN WALL TO BE FLUSH WITH ADJACENT ENGINE BACKBAR WALL.

GENERAL NOTES

A. GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY STARBUCKS CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION. ALL DIMENSIONS TO BE TAKEN FROM DESIGNATED DATUM POINT.

B. GENERAL CONTRACTOR TO PROVIDE FIRE TREATED WOOD STUD BLOCKING, OR EQUIVALENT TO SUPPORT ANY WALL ATTACHMENT AND/OR SIGNAGE.

C. IF EXISTING EXTERIOR ENTRANCE THRESHOLD EXCEEDS MINIMUM BARRIER FREE PROVISION OF THE CODE, REMOVE AND REPLACE WITH ACCESSIBLE THRESHOLD. RAISED THRESHOLDS AND FLOOR LEVEL CHANGES AT ACCESSIBLE DOORWAYS TO BE BEVELED WITH A SLOPE NO GREATER THAN 1:12.

D. ALL DIMENSIONS ARE TO FINISHED FACE UNLESS SHOWN OR NOTED OTHERWISE.

E. INSTALL MOISTURE RESISTANT GREEN BOARD ON BACKBAR WALL PER PROJECT MANUAL.

F. ALL DOORS SHALL BE 32" (815MM) MINIMUM CLEAR OPENING WHEN OPENED TO 90 DEGREE POSITION UNLESS OTHERWISE NOTED.

G. SEE SHEET I604 FOR EXTERIOR DOOR AND WINDOW SCHEDULES.

H. STARBUCKS VENDOR TO PROVIDE DOOR HARDWARE COMPONENTS AND GC TO INSTALL.

I. VERIFY ALL EXISTING DOORS, HARDWARE AND FRAMES MEET STARBUCKS AND/OR CODE REQUIREMENTS.

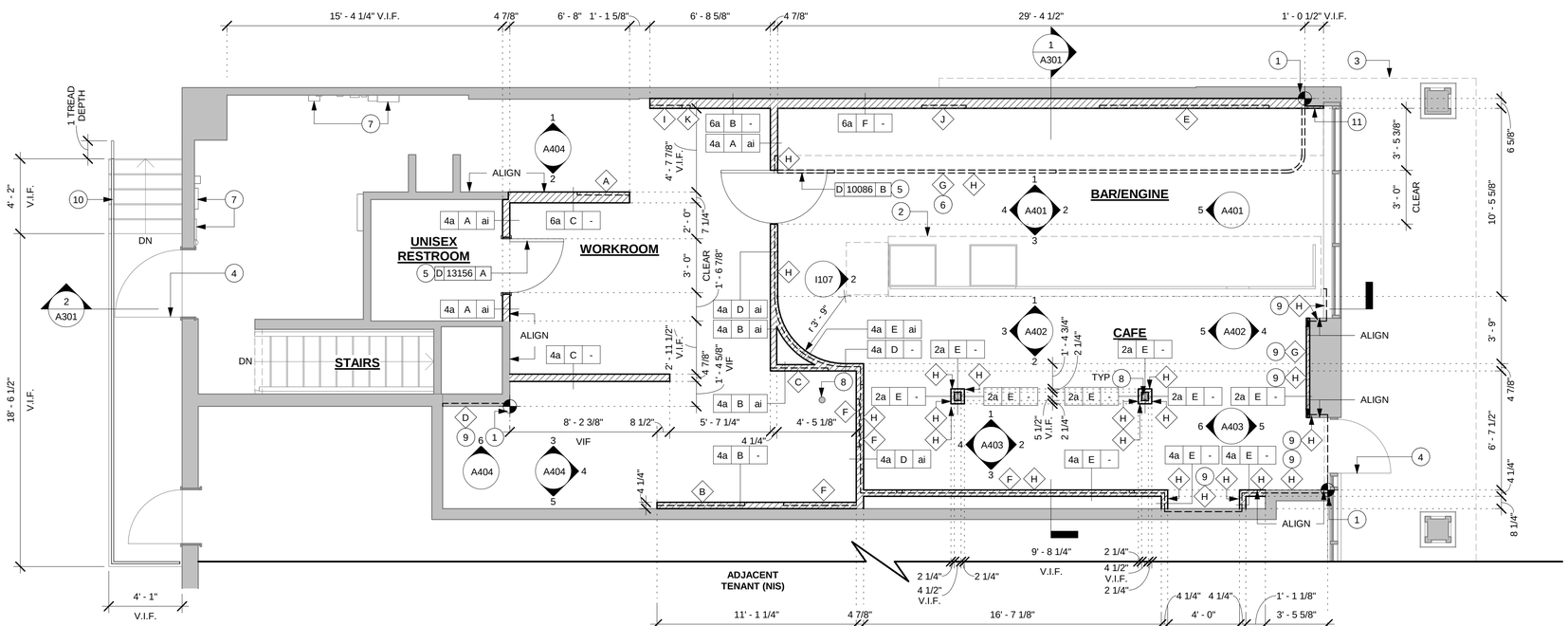
J. PROVIDE FIRE EXTINGUISHERS AS NOTED ON THE APPROVED PLANS FROM THE CITY.

K. REFER TO SHEET I112 FOR FLOOR FINISHES.

L. EGRESS SHALL NOT PASS THROUGH KITCHENS, STORAGE ROOMS, CLOSETS OR SIMILAR SPACES. (1014.2)

M. PANIC AND FIRE EXIT HARDWARE, WHERE INSTALLED ON DOORS IN THIS BUILDING SHALL SATISFY THE FOLLOWING (1008.1.10):

a) THE ACTUATION PORTION OF THE RELEASING DEVICE SHALL EXTEND AT LEAST ONE-HALF OF THE DOOR LEAF WIDTH.
b) THE MAXIMUM UNLATCHING FORCE DOES NOT EXCEED 15 POUNDS (6.8 KG).
c) PIVOTED OR BALANCED DOORS SHALL BE OF THE PUSH-PAD TYPE WHERE PANIC HARDWARE IS REQUIRED AND THE PAD SHALL NOT EXTEND ACROSS MORE THAN ONE-HALF OF THE DOOR WIDTH, MEASURED FROM THE LATCH SIDE.
d) PANIC HARDWARE LISTED IN ACCORDANCE WITH UL 305.
e) FIRE EXIT HARDWARE LISTED IN ACCORDANCE WITH UL 10C AND UL 305.



1 BUILING FLOOR PLAN
Scale: 1/4" = 1'-0"

0 2' 4' 8'
Scale: 1/4" = 1'-0"

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PROJECT NAME: BRIARCLIFF MANOR, NY

PROJECT ADDRESS: 107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #: 09369
PROJECT #: 26336-078
ISSUE DATE: 12-22-2023
DESIGN MANAGER: ANNIE SONG
ENGINEER OF RECORD: KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE: BUILDING FLOOR PLAN

SCALE: AS SHOWN

SHEET NUMBER: A101

12/18/2023 9:42:08 AM C:\Users\cmoy\Documents\26336-078_Briarcliff Manor, NY_CD Bid Permit_cmoyWPR4Q.rvt

LEGEND

- DATUM POINT
- NEW FLOOR SINK LOCATION
- NEW FLOOR DRAIN LOCATION
- NEW HAND/WORK SINK VENTING
- EXISTING WORK/HAND SINK VENTING
- NEW IN-WALL CONVENIENCE DUPLEX OUTLET
- NEW SWITCH BANK
- NEW SWITCH WITH OCCUPANCY / MOTION SENSOR
- NEW ELECTRICAL STUB-UP LOCATION
- NEW PLUMBING STUB-UP LOCATION
- SWITCH WITH MOTION SENSOR
- EXISTING FLOOR SINK LOCATION
- EXISTING PLUMBING PENETRATION LOCATION
- EXISTING IN-WALL DUPLEX OUTLET
- EXISTING IN-WALL QUADRUPLEX OUTLET
- EXISTING THERMOSTAT
- NEW TEMPERATURE SENSOR
- NEW CO2 SENSOR

KEYED NOTES

1. DIMENSION ALL PENETRATIONS OFF OF EXISTING WALL CORNER AS INDICATED.
2. FLOOR SINK LOCATION AS INDICATED. SEE PLUMBING DRAWINGS FOR MORE INFORMATION.
3. ELECTRICAL STUB-UP LOCATION AS INDICATED. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.
4. PLUMBING STUB-UP LOCATION AS INDICATED. SEE PLUMBING DRAWINGS FOR MORE INFORMATION.
5. EXISTING TOILET PENETRATION TO REMAIN AS INDICATED.
6. EXISTING MOP SINK DRAIN TO REMAIN AS INDICATED.
7. EXISTING 3-COMP SINK WALL VENT TO REMAIN AS INDICATED.
8. WORK SINK WALL VENT. SEE PLUMBING DRAWINGS FOR MORE INFORMATION.
9. HAND SINK WALL VENT. SEE PLUMBING DRAWINGS FOR MORE INFORMATION.
10. DIEWALLS AND CASEWORK 6" ADJUSTABLE STEEL LEGS SHOWN FOR REFERENCE ONLY.
11. GC TO INSTALL NEW LIGHT SWITCH BANK AT 48" AFF O.C. IN WORKROOM. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.
12. GC TO INSTALL NEW LIGHT SWITCH WITH OCCUPANCY SENSOR AT RESTROOMS. INSTALL PER ADA GUIDELINES. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION. SEE ENLARGED RESTROOM PLANS AND ELEVATIONS FOR MOUNTING HEIGHTS.
13. EXISTING HAND SINK WALL VENT TO REMAIN AS INDICATED.
14. EXISTING FLOOR SINK LOCATION TO REMAIN AS INDICATED.
15. ECOGRIP/TILE TRANSITION.
16. OUTLINE OF FOOD CASE AS SHOWN FOR REFERENCE ONLY.
17. LOCATION OF FLOOR DRAIN AT ENGINE ICE BINS AS INDICATED. SEE PLUMBING DRAWINGS FOR MORE INFORMATION.
18. EXSTING AIR CURTAIN ABOVE BY STARBUCKS AT STOREFRONT DOOR TO REMAIN AS INDICATED.
19. OUTLINE OF BAR PER CASEWORK MANUFACTURER AS SHOWN FOR REFERENCE ONLY.
20. IN-WALL CONVENIENCE OUTLET BY STARBUCKS GC.
21. OUTLINE OF EXISTING 3-COMP SINK AS SHOWN FOR REFERENCE ONLY.
22. OUTLINE OF ICE MACHINE AS SHOWN FOR REFERENCE ONLY.
23. OUTLINE OF WATER FILLING STATION AS SHOWN FOR REFERENCE ONLY.
24. OUTLINE OF MANAGER'S WORKSTATION AS SHOWN FOR REFERENCE ONLY.
25. EXISTING STRUCTURAL COLUMN TO REMAIN AS INDICATED.
26. EXISTING WALL CONVENIENCE OUTLET.
27. LOCATION OF FLOOR DRAIN AT ICE MACHINE AND 3-COMP SINK AS INDICATED. SEE PLUMBING DRAWINGS FOR MORE INFORMATION.
28. INSTALL AIR CURTAIN ABOVE BY STARBUCKS AT REAR SERVICE DOOR AS INDICATED. SEE MEP PLANS FOR MORE INFORMATION.
29. EXISTING IN-WALL OUTLET QUADRUPLEX TO REMAIN AS INDICATED.
30. EXISTING ELECTRICAL PANELS TO REMAIN AS INDICATED.
31. EXISTING THERMOSTAT TO REMAIN.
32. NEW TEMPERATURE SENSOR AND CO2 SENSOR. REFER TO ELECTRICAL DRAWINGS FOR MORE INFORMATION.

GENERAL NOTES

A. ALL STUB-UP DIMENSIONS ARE RELATIVE TO FINISHED WALL LOCATIONS (SHOWN AS OUTLINES ON THIS PLAN). REFER TO FLOOR PLAN FOR WALL PLACEMENT.

B. FLOOR SINK: REFER TO CUT SHEETS FOR COMPONENT SPECIFICATIONS AND CUTOUT REQUIREMENTS.

C. WASTE LINE PENETRATIONS: REFER TO PLUMBING PLANS FOR INDIVIDUAL LINE LOCATIONS.

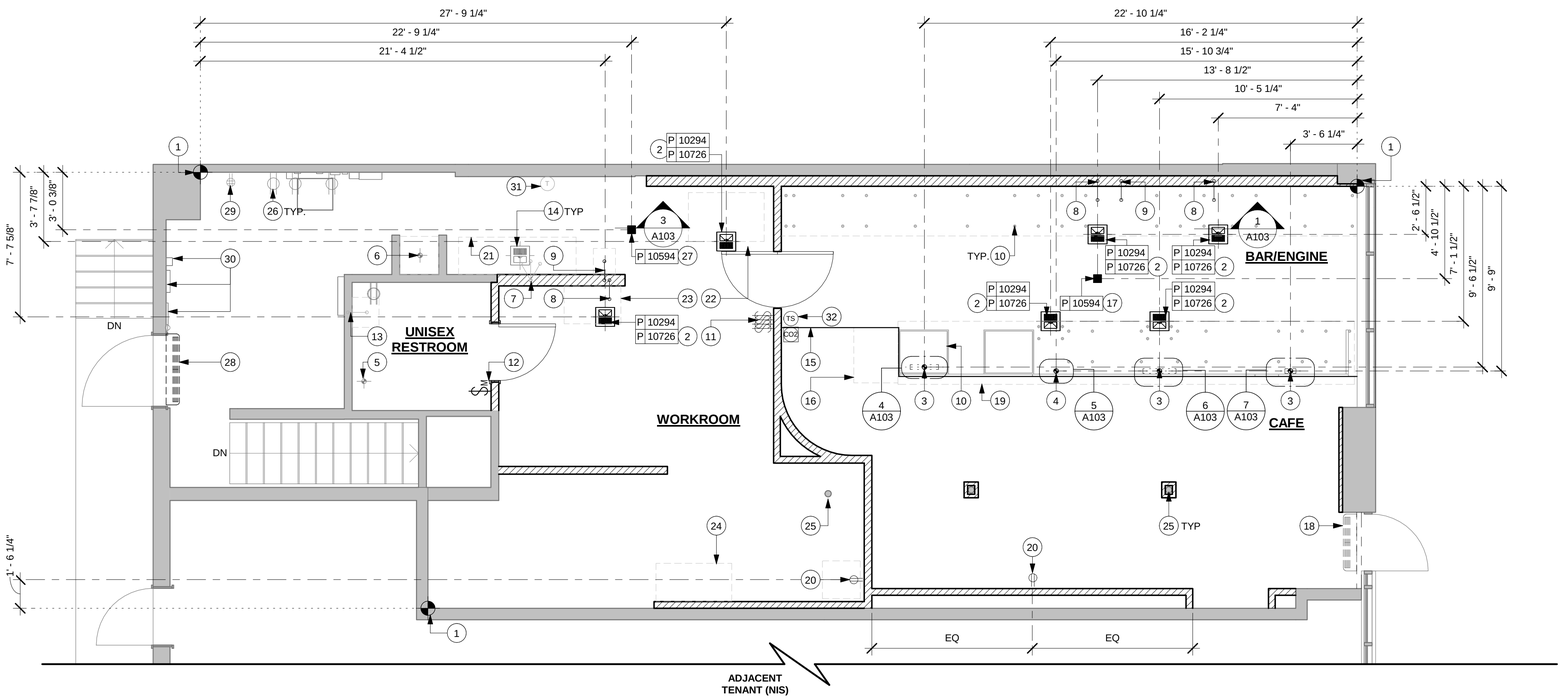
D. STUB-UP PENETRATIONS: REFER TO ELECTRICAL AND PLUMBING PLANS FOR INDIVIDUAL STUB-UP LOCATIONS.

E. TOILET FLOOR PENETRATION: REFER TO CUT SHEETS FOR STUB-UP LOCATION RELATIVE TO FINISHED WALL.

F. PENETRATION TO BE LOCATED ON CENTERLINE OF WALL OR AS REQUIRED PER CONDITIONS.

G. TRENCHING OUTLINE FOR GUIDELINE USE ONLY. GENERAL CONTRACTOR TO COORDINATE WITH SPECIFIC TRADES AND SITE CONDITIONS TO DETERMINE ACTUAL LAYOUT.

H. REFER TO SHEET I112 FOR FLOOR FINISHES.



1 BUILDING FLOOR PENETRATION PLAN
Scale: 1/4" = 1'-0"

0 2' 4' 8'
Scale: 1/4" = 1'-0"

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PROJECT ADDRESS: 107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #: 09369
PROJECT #: 26336-078
ISSUE DATE: 12-22-2023
DESIGN MANAGER: ANNIE SONG
ENGINEER OF RECORD: KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
BUILDING FLOOR PENETRATION PLAN
SCALE: AS SHOWN

SHEET NUMBER:
A102

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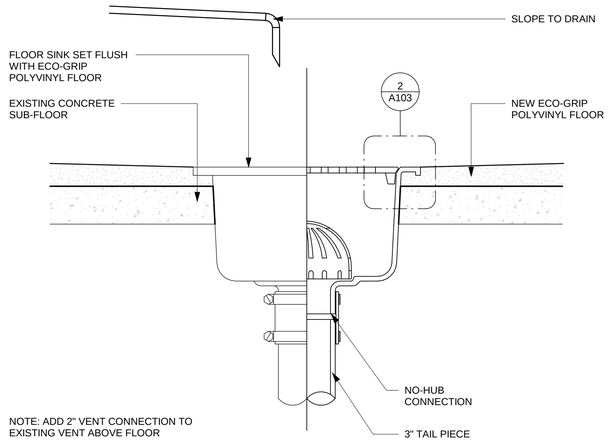
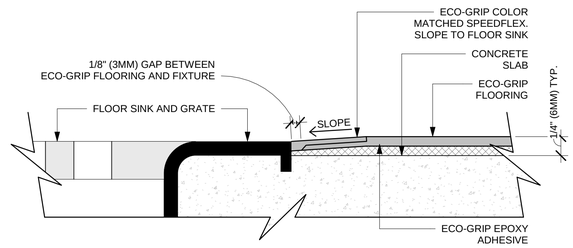


1 FLOOR SINK DETAIL

Scale: 6" = 1'-0"

0 1" 3" 6"

Scale: 6" = 1'-0"

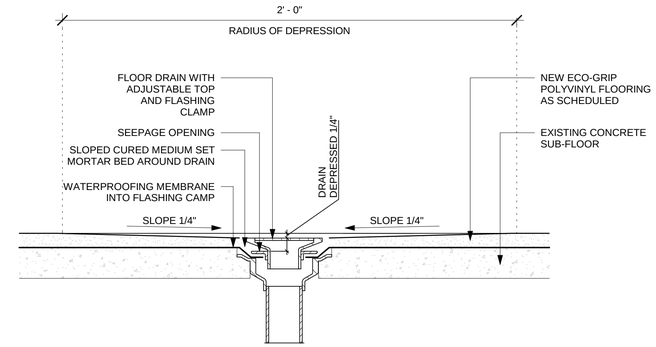


2 ECO-GRIP TO FLOOR SINK TRANSITION

Scale: 12" = 1'-0"

0 6" 12"

Scale: 12" = 1'-0"

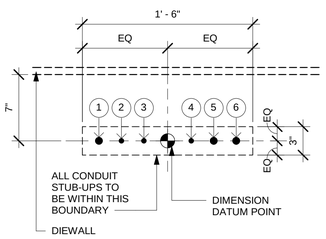


3 FLOOR DRAIN AT ECO-GRIP

Scale: 3" = 1'-0"

0 1'

Scale: 3" = 1'-0"



POS ELECTRICAL STUB-UP KEY	
1	3/4" POWER CONDUIT TO ELECTRICAL PANEL
2	1/2" PHONE TO MANAGER'S DESK
3	1/2" DATA CONDUIT TO MANAGER'S DESK
4	1/2" SECURITY TO MANAGER'S DESK
5	3/4" LAN CONDUIT TO POS/SAFE
6	3/4" POWER CONDUIT FOR PASTRY CASE

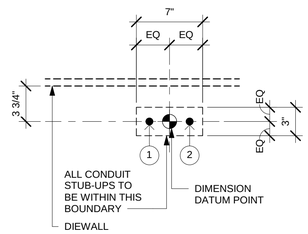
NOTE: SEE SHEET A102 - BUILDING FLOOR PENETRATION PLAN FOR FINAL DIMENSIONED LOCATION.

4 ELECTRICAL STUB-UPS AT POS

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

0 1' 2'

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



ESPRESSO BAR PLUMBING STUB-UP KEY	
1	CWF STUB-UP
2	CW STUB-UP

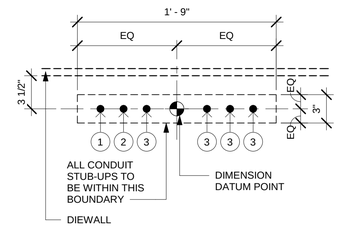
NOTE: SEE SHEET A102 - BUILDING FLOOR PENETRATION PLAN FOR FINAL DIMENSIONED LOCATION.

5 PLUMBING STUB-UPS AT ESPRESSO BAR

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

0 1' 2'

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



ESPRESSO BAR ELECTRICAL STUB-UP KEY	
1	3/4" LAN CONDUIT
2	3/4" LAN CONDUIT TO MANAGER'S WORKSTATION
3	3/4" ISOLATED GROUND POWER CONDUIT

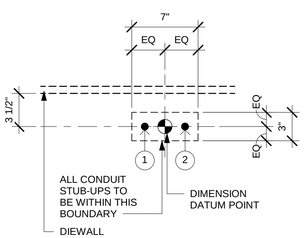
NOTE: SEE SHEET A102 - BUILDING FLOOR PENETRATION PLAN FOR FINAL DIMENSIONED LOCATION.

6 ELECTRICAL STUB-UPS AT ESPRESSO BAR

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

0 1' 2'

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



MOP ELECTRICAL STUB-UP KEY	
1	3/4" POWER FOR FUTURE USE
2	3/4" DATA FOR FUTURE USE

NOTE: SEE SHEET A102 - BUILDING FLOOR PENETRATION PLAN FOR FINAL DIMENSIONED LOCATION.

7 ELECTRICAL - STUB-UPS AT MOBILE ORDER PICKUP

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

0 1' 2'

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

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BRIARCLIFF MANOR, NY

PROJECT ADDRESS:
107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #: 09369
PROJECT #: 26336-078
ISSUE DATE: 12-22-2023
DESIGN MANAGER: ANNIE SONG
ENGINEER OF RECORD: KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
PENETRATION DETAILS

SCALE: AS SHOWN

SHEET NUMBER:
A103

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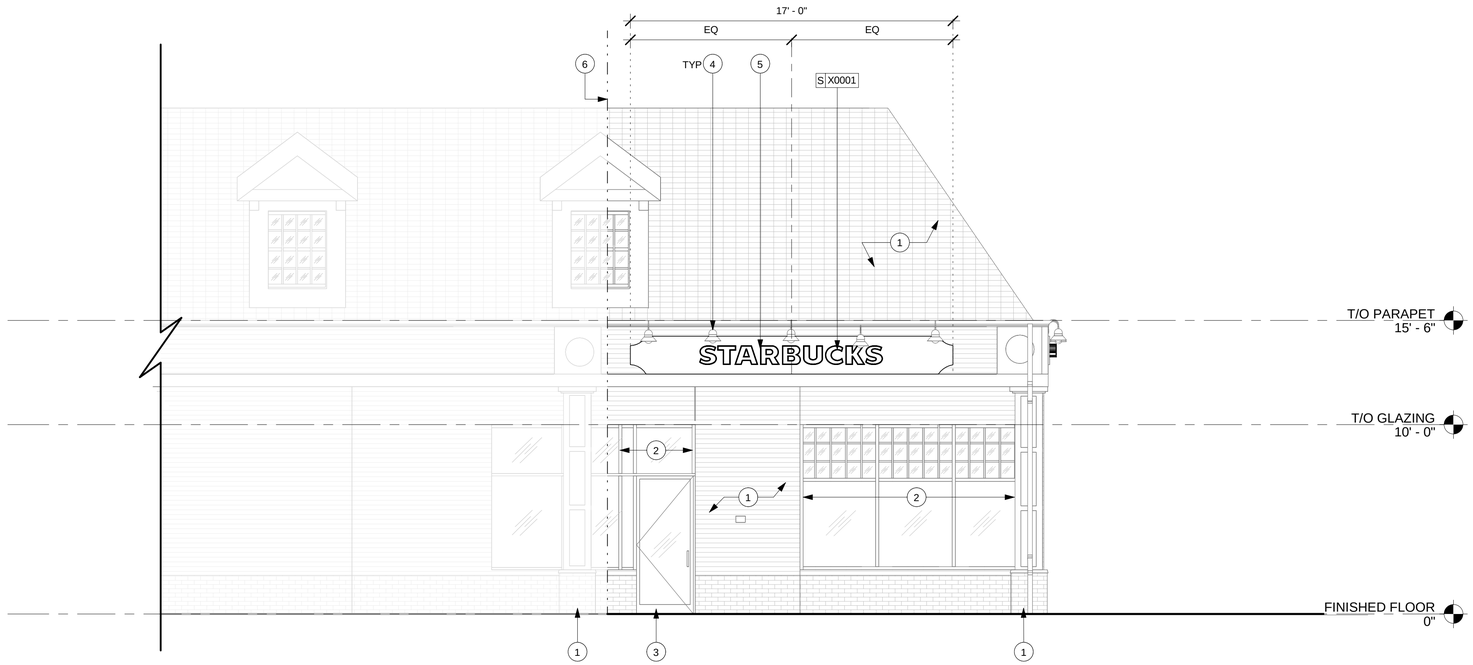
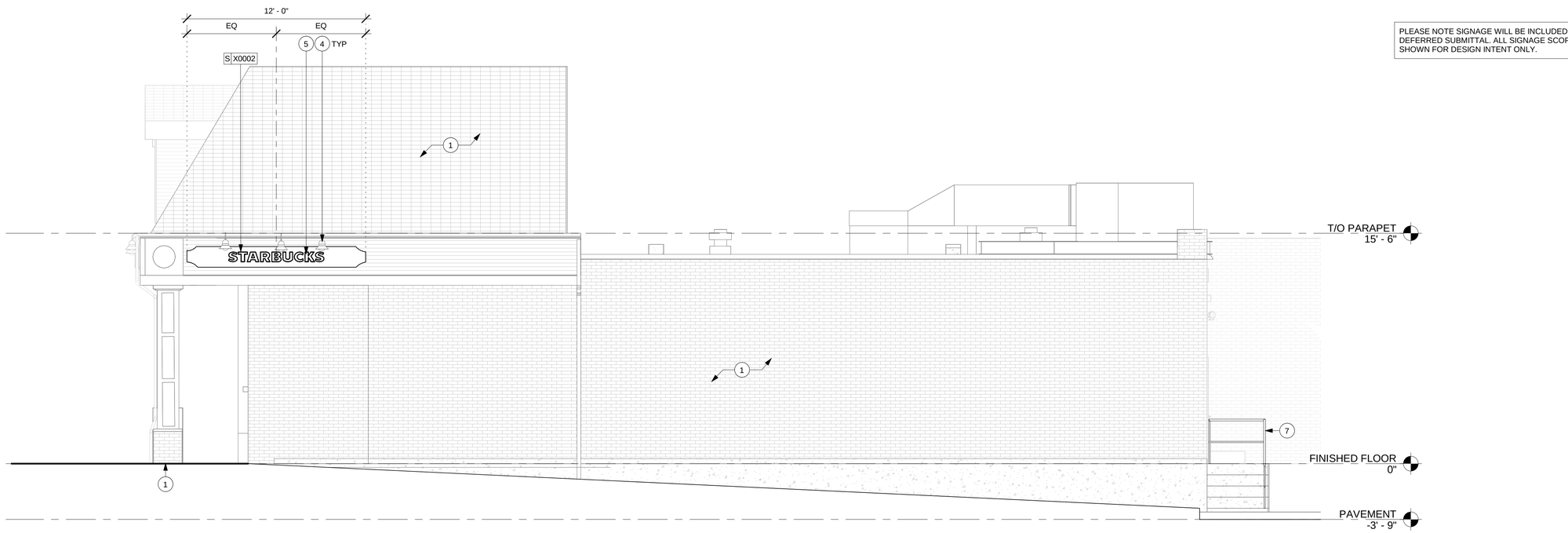


1 BUILDING EXTERIOR ELEVATION SOUTH

Scale: 1/4" = 1'-0"



PLEASE NOTE SIGNAGE WILL BE INCLUDED AS DEFERRED SUBMITTAL. ALL SIGNAGE SCOPE SHOWN FOR DESIGN INTENT ONLY.

2 BUILDING EXTERIOR ELEVATION EAST

Scale: 1/4" = 1'-0"

0 2' 4' 8'

Scale: 1/4" = 1'-0"

GENERAL NOTES

A. GENERAL CONTRACTOR TO COORDINATE AND SCHEDULE SIGNAGE INSTALLATION WITH THE SIGNAGE CONTRACTOR PROVIDING A MINIMUM SCHEDULING NOTICE OF 4 WEEKS AND 1 WEEK PRIOR TO SCHEDULED DATE OF INSTALLATION. CONSTRUCTION MANAGER TO PROVIDE GENERAL CONTRACTOR WITH SIGNAGE CONTRACTOR CONTACT INFORMATION.

B. GENERAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL ELECTRICAL CIRCUITS INCLUDING ALL CONDUIT, WIRE, CONNECTIONS AND BREAKER AT PANEL BOARD NECESSARY TO SERVE SIGNAGE.

C. GENERAL CONTRACTOR TO PROVIDE FIRE TREATED WOOD STUD BLOCKING OR EQUIVALENT TO SUPPORT SIGNAGE.

D. SIGNAGE CONTRACTOR SHALL VERIFY SIZE AND LOCATION OF ANY AND ALL ALLOWABLE MONUMENT OR POLE SIGNAGE AND PROVIDE SHOP DRAWING(S) PRIOR TO FABRICATION TO THE STARBUCKS DESIGNER FOR APPROVAL.

E. SIGNAGE CONTRACTOR TO INSTALL SIGNAGE IN COMPLIANCE WITH LOCAL CODES AND OBTAIN PERMIT.

F. SIGNAGE CONTRACTOR TO SUPPLY SHOP DRAWINGS TO CONSTRUCTION MANAGER AND TO THE GENERAL CONTRACTOR AS NEEDED. GENERAL CONTRACTOR TO NOTIFY CONSTRUCTION MANAGER IMMEDIATELY IF SHOP DRAWINGS OR INSTALLATION IS IN DISCREPANCY WITH ARCHITECTURAL DRAWINGS.

G. GENERAL CONTRACTOR TO CLEAN, PATCH AND REPAIR EXISTING EXTERIOR AS REQUIRED.

KEYED NOTES

1. EXISTING EXTERIOR FINISHES, TRIMS AND COPING TO REMAIN AS-IS.
2. EXISTING STOREFRONT GLAZING TO REMAIN AS INDICATED.
3. EXISTING STARBUCKS ENTRY DOOR AT STOREFRONT TO REMAIN AS INDICATED.
4. EXISTING WALL LAMP TO REMAIN AS INDICATED.
5. NEW CUSTOM WORDMARK SIGNAGE TO BE SUPPLIED BY STARBUCKS SIGNAGE VENDOR TO MEET LANDLORD SIGNAGE CRITERIA TO REPLACE EXACT LOCATION AND SIZE OF PREVIOUS SIGN PANEL REMOVED FROM STORE. SIGNAGE SHOWN ON ELEVATIONS FOR DESIGN INTENT ONLY.
6. DEMISING WALL LINE FOR REFERENCE ONLY.
7. NEW GUARDRAIL WITH BLACK FINISH BY GC. GC TO PROVIDE SPEC FOR STARBUCKS REVIEW AND APPROVAL.

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ISSUE DATE:	12-22-2023
DESIGN MANAGER:	ANNIE SONG
ENGINEER OF RECORD:	KLH ENGINEERS

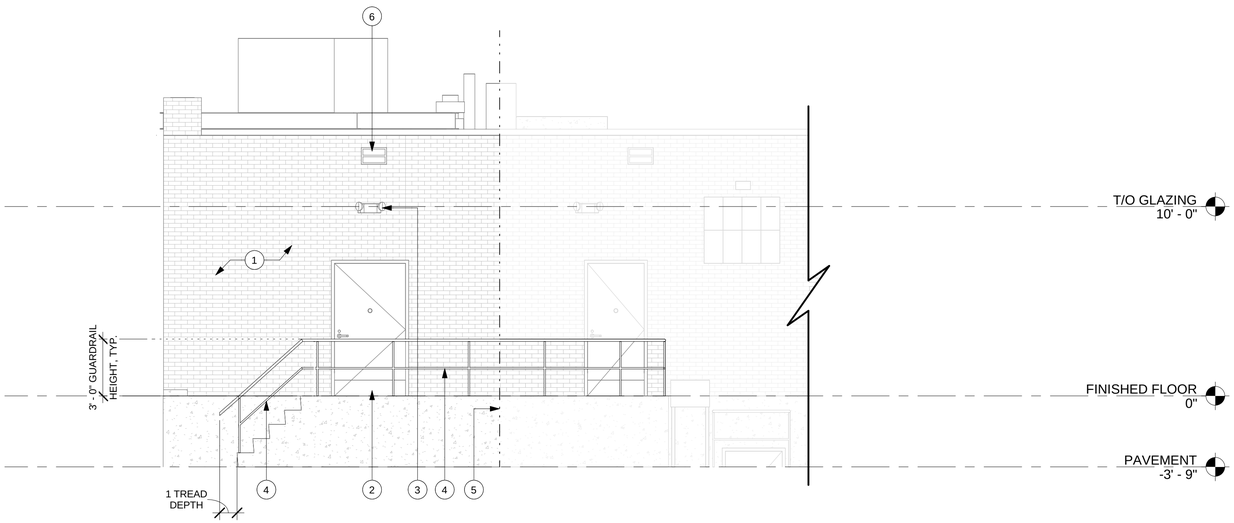
Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
BUILDING EXTERIOR ELEVATIONS
SCALE: AS SHOWN

SHEET NUMBER:
A201

12/18/2023 9:42:18 AM C:\Users\cmoy\Documents\26336-078_Briarcliff Manor, NY_CD Bid Permit_cmoyWPR4Q.rvt



1 BUILDING EXTERIOR ELEVATION NORTH

Scale: 1/4" = 1'-0"

0 2' 4' 8'

Scale: 1/4" = 1'-0"

GENERAL NOTES

A. GENERAL CONTRACTOR TO COORDINATE AND SCHEDULE SIGNAGE INSTALLATION WITH THE SIGNAGE CONTRACTOR PROVIDING A MINIMUM SCHEDULING NOTICE OF 4 WEEKS AND 1 WEEK PRIOR TO SCHEDULED DATE OF INSTALLATION. CONSTRUCTION MANAGER TO PROVIDE GENERAL CONTRACTOR WITH SIGNAGE CONTRACTOR CONTACT INFORMATION.

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D. SIGNAGE CONTRACTOR SHALL VERIFY SIZE AND LOCATION OF ANY AND ALL ALLOWABLE MONUMENT OR POLE SIGNAGE AND PROVIDE SHOP DRAWING(S) PRIOR TO FABRICATION TO THE STARBUCKS DESIGNER FOR APPROVAL.

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KEYED NOTES

1. EXISTING EXTERIOR FINISHES, TRIMS AND COPINGTO REMAIN AS-IS.
2. EXISTING REAR SERVICE DOOR TO REMAIN AS INDICATED.
3. EXISTING WALL EMERGENCY LIGHT TO REMAIN AS INDICATED.
4. NEW GUARDRAIL WITH BLACK FINISH BY GC. GC TO PROVIDE SPEC FOR STARBUCKS REVIEW AND APPROVAL.
5. DEMISING WALL LINE FOR REFERENCE ONLY.
6. EXISTING VENT TO REMAIN AS INDICATED.

PLEASE NOTE SIGNAGE WILL BE INCLUDED AS DEFERRED SUBMITTAL. ALL SIGNAGE SCOPE SHOWN FOR DESIGN INTENT ONLY.

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STARBUCKS TEMPLATE VERSION i2021.04.23

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PROJECT NAME:
BRIARCLIFF MANOR, NY

PROJECT ADDRESS:
107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #:	09369
PROJECT #:	26336-078
ISSUE DATE:	12-22-2023
DESIGN MANAGER:	ANNIE SONG
ENGINEER OF RECORD:	KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
BUILDING EXTERIOR ELEVATIONS
SCALE: AS SHOWN

SHEET NUMBER:
A202

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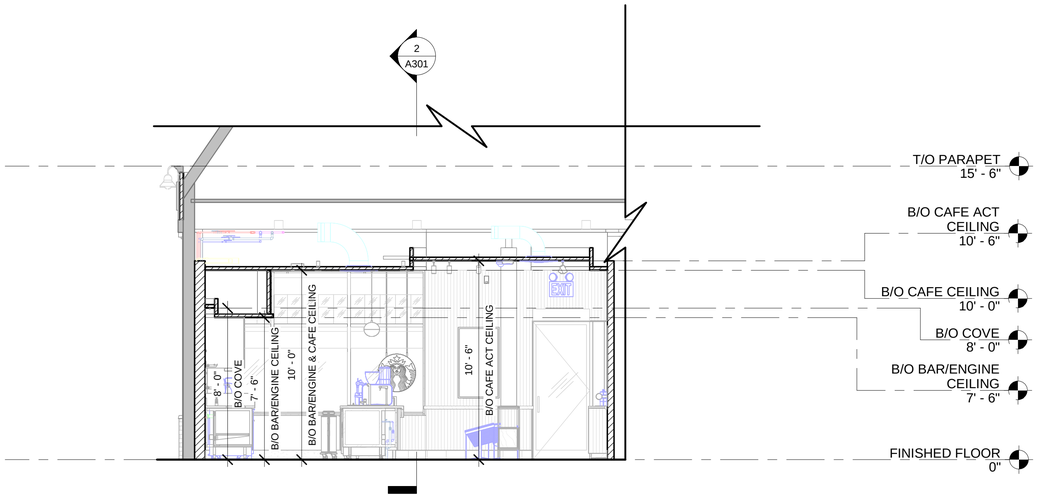

1 BUILDING SECTION A

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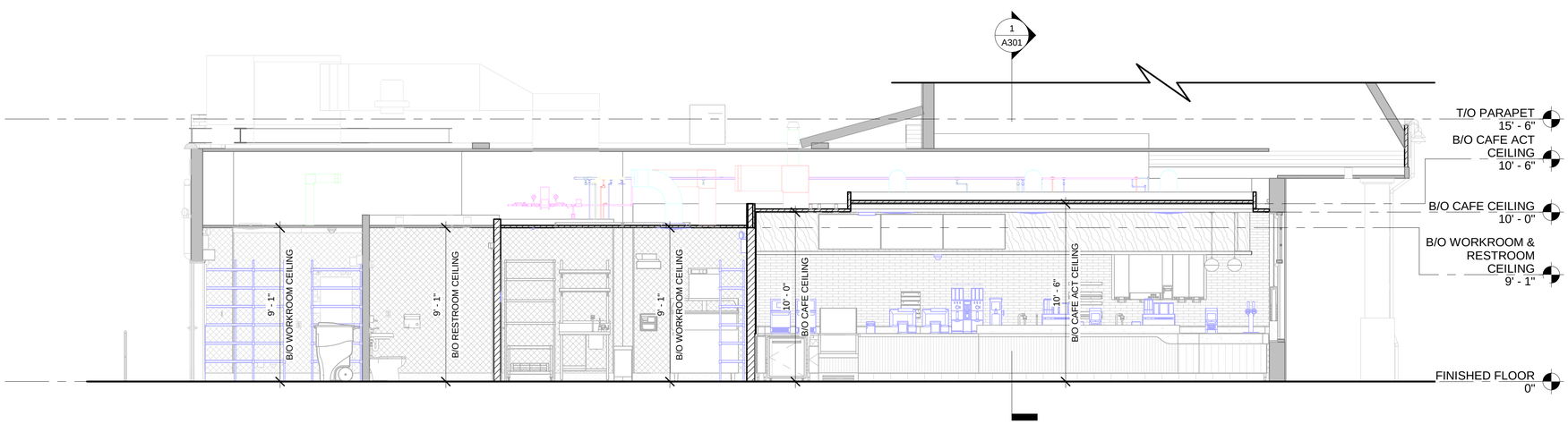

2 BUILDING SECTION B

Scale: 1/4" = 1'-0"

0 2' 4' 8'

Scale: 1/4" = 1'-0"

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STORE #:	09369
PROJECT #:	26336-078
ISSUE DATE:	12-22-2023
DESIGN MANAGER:	ANNIE SONG
ENGINEER OF RECORD:	KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
BUILDING SECTIONS

SCALE: AS SHOWN

SHEET NUMBER:
A301

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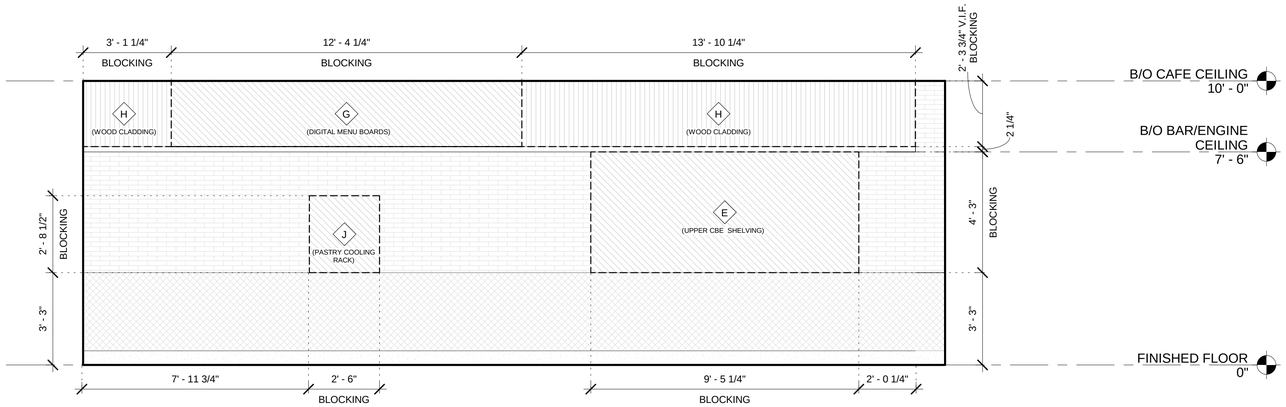
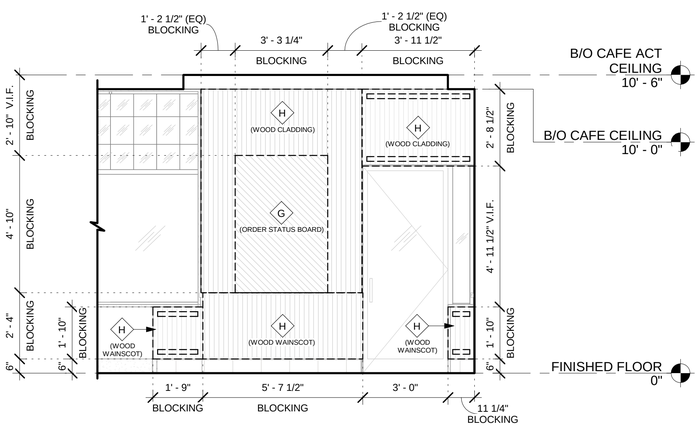


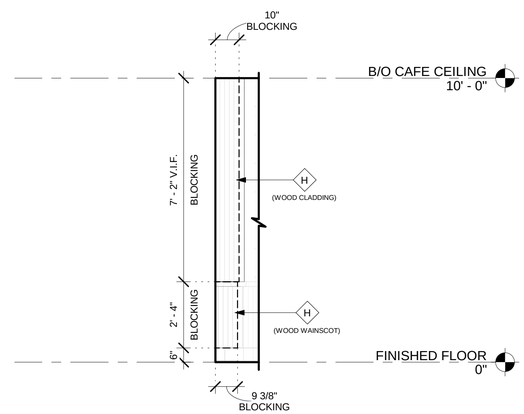
1 BLOCKING ELEVATION AT BAR/ENGINE

Scale: 3/8" = 1'-0"



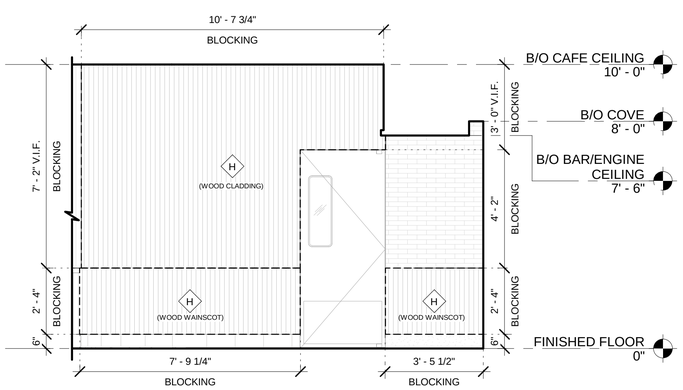
2 BLOCKING ELEVATION AT BAR/ENGINE

Scale: 3/8" = 1'-0"



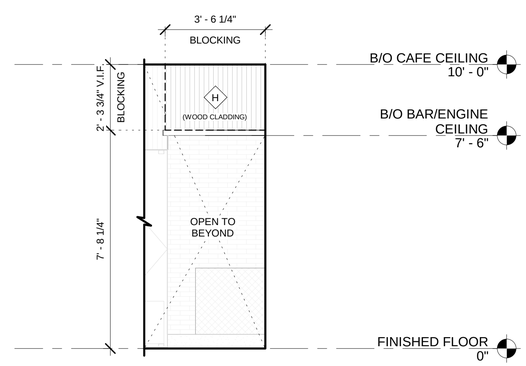
3 BLOCKING ELEVATION AT BAR/ENGINE

Scale: 3/8" = 1'-0"



4 BLOCKING ELEVATION AT BAR/ENGINE

Scale: 3/8" = 1'-0"



5 BLOCKING ELEVATION AT BAR/ENGINE

Scale: 3/8" = 1'-0"

WALL BLOCKING KEY

SYMBOL	ITEM	WEIGHT	HEIGHT A.F.F.	APPROX. WIDTH
A	WORKROOM HAND SINK	128 LBS (58 KG)	30" TO 60" (915MM TO 1015MM)	30" (760MM) BEHIND SINK
B	SHELVES AT MANAGER'S DESK	300 LBS (136 KG)	32" TO 96" (810MM TO 2440MM)	48" (1220MM) 3/4 (19MM) ACX PLYWOOD, CENTERED ON SHELVES
C	LOCKERS	BLOCKING SPECIFICATION TO BE PROVIDED BY VENDOR. IN-WALL BLOCKING PREFERRED. PAINT WHITE IF SURFACE MOUNTED.		
D	COAT HOOK			
E	UPPER CBE SHELVING	BLOCKING SPECIFICATION FOR CBE METAL SHELVES. REFER TO VENDOR'S SPECIFICATION AND DETAILS.		
F	ALL ARTWORK, FIXTURES, ACCESSORIES AND CASEWORK FABRICATIONS NOT OTHERWISE NOTED	TBD BY VENDOR (VARIES)	GC TO PROVIDE WALL BLOCKING AS REQUIRED FOR ALL ITEMS FOR A COMPLETE AND SECURE INSTALLATION. EXTEND BLOCKING 8" (205MM) BEYOND ON EACH SIDE OF EACH ITEM.	
G	MENU BOARDS / ORDER STATUS BOARD	BLOCKING SPECIFICATION FOR MENU BOARDS. REFER TO VENDOR'S SPECIFICATION AND DETAILS.		
H	WOOD CLADDING / WOOD WAINSCOT	BLOCKING SPECIFICATION FOR WOOD CLADDING. REFER TO VENDOR'S SPECIFICATION AND DETAILS.		
I	CONTROL PANEL	GC TO PROVIDE WALL BLOCKING AS REQUIRED FOR ALL ITEMS FOR A COMPLETE AND SECURE INSTALLATION. EXTEND BLOCKING 8" (205MM) BEYOND ON EACH SIDE OF EACH ITEM.		
J	PASTRY COOLING RACK	GC TO PROVIDE WALL BLOCKING AS REQUIRED FOR ALL ITEMS FOR A COMPLETE AND SECURE INSTALLATION. EXTEND BLOCKING 8" (205MM) BEYOND ON EACH SIDE OF EACH ITEM.		
K	ICE DIVERTER	GC TO PROVIDE WALL BLOCKING AS REQUIRED FOR ALL ITEMS FOR A COMPLETE AND SECURE INSTALLATION. EXTEND BLOCKING 8" (205MM) BEYOND ON EACH SIDE OF EACH ITEM.		

LEGEND

INDICATES WALL BLOCKING. BLOCKING TO BE PROVIDED AS REQUIRED TO SUPPORT WALL ATTACHMENTS. EXTEND BLOCKING 8" (100mm) BEYOND EDGE OF ATTACHMENTS.

INDICATES AREA OF WALL ATTACHMENT MOUNTED ON FRENCH CLEAT OR SURFACE MOUNTED

INDICATES AREA OF WOOD CLADDING AND WAINSCOT AT WALL.

0 2' 4' 6'

Scale: 3/8" = 1'-0"

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BRIARCLIFF MANOR, NY

PROJECT ADDRESS:
107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #: 09369
PROJECT #: 26336-078

ISSUE DATE: 12-22-2023
DESIGN MANAGER: ANNIE SONG
ENGINEER OF RECORD: KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
BLOCKING ELEVATIONS

SCALE: AS SHOWN

SHEET NUMBER:
A401

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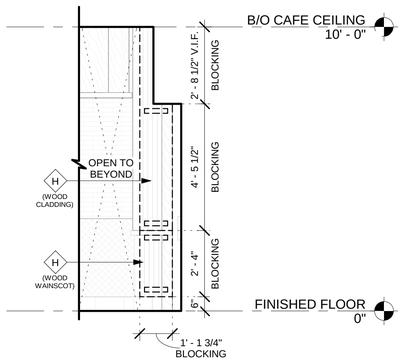
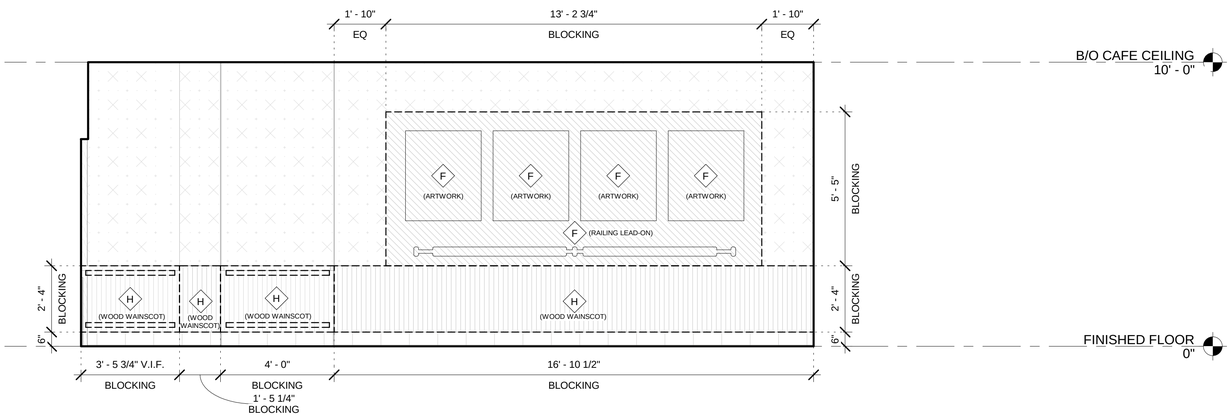


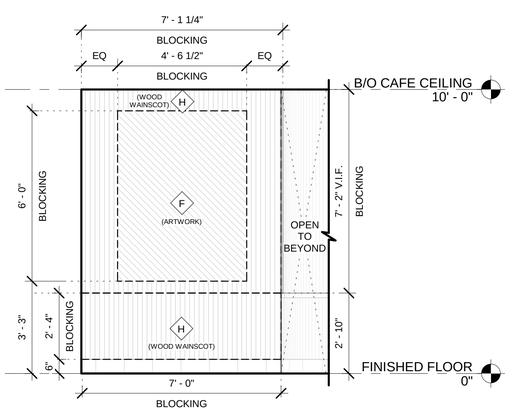
1 BLOCKING ELEVATION AT CAFE

Scale: 3/8" = 1'-0"



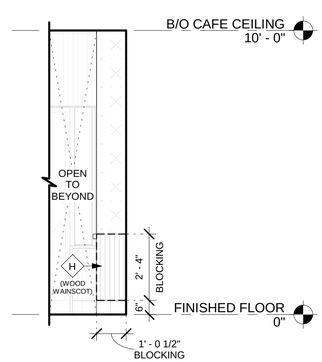
2 BLOCKING ELEVATION AT CAFE

Scale: 3/8" = 1'-0"



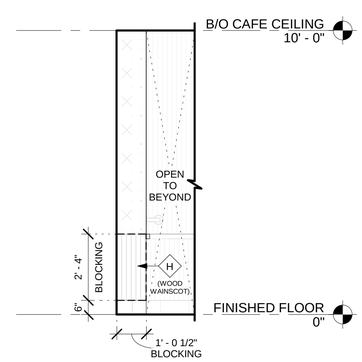
3 BLOCKING ELEVATION AT CAFE

Scale: 3/8" = 1'-0"



4 BLOCKING ELEVATION AT CAFE

Scale: 3/8" = 1'-0"



5 BLOCKING ELEVATION AT CAFE

Scale: 3/8" = 1'-0"

WALL BLOCKING KEY

SYMBOL	ITEM	WEIGHT	HEIGHT A.F.F.	APPROX. WIDTH
A	WORKROOM HAND SINK	128 LBS (58 KG)	30" TO 60" (915MM TO 1015MM)	30" (760MM) BEHIND SINK
B	SHELVES AT MANAGER'S DESK	300 LBS (136 KG)	32" TO 96" (810MM TO 2440MM)	48" (1220MM) 3/4 (19MM) ACX PLYWOOD, CENTERED ON SHELVES
C	LOCKERS	BLOCKING SPECIFICATION TO BE PROVIDED BY VENDOR. IN-WALL BLOCKING PREFERRED. PAINT WHITE IF SURFACE MOUNTED.		
D	COAT HOOK			
E	UPPER CBE SHELVING	BLOCKING SPECIFICATION FOR CBE METAL SHELVES. REFER TO VENDOR'S SPECIFICATION AND DETAILS.		
F	ALL ARTWORK, FIXTURES, ACCESSORIES AND CASEWORK FABRICATIONS NOT OTHERWISE NOTED	TBD BY VENDOR (VARIES)	GC TO PROVIDE WALL BLOCKING AS REQUIRED FOR ALL ITEMS FOR A COMPLETE AND SECURE INSTALLATION. EXTEND BLOCKING 8" (205MM) BEYOND ON EACH SIDE OF EACH ITEM.	
G	MENU BOARDS / ORDER STATUS BOARD	BLOCKING SPECIFICATION FOR MENU BOARDS. REFER TO VENDOR'S SPECIFICATION AND DETAILS.		
H	WOOD CLADDING / WOOD WAINSCOT	BLOCKING SPECIFICATION FOR WOOD CLADDING. REFER TO VENDOR'S SPECIFICATION AND DETAILS.		
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K	ICE DIVERTER	GC TO PROVIDE WALL BLOCKING AS REQUIRED FOR ALL ITEMS FOR A COMPLETE AND SECURE INSTALLATION. EXTEND BLOCKING 8" (205MM) BEYOND ON EACH SIDE OF EACH ITEM.		

LEGEND

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INDICATES AREA OF WALL ATTACHMENT MOUNTED ON FRENCH CLEAT OR SURFACE MOUNTED

INDICATES AREA OF WOOD CLADDING AND WAINSCOT AT WALL.

0 2' 4' 6'

Scale: 3/8" = 1'-0"

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STORE #: 09369
PROJECT #: 26336-078
ISSUE DATE: 12-22-2023
DESIGN MANAGER: ANNIE SONG
ENGINEER OF RECORD: KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
BLOCKING ELEVATIONS

SCALE: AS SHOWN

SHEET NUMBER:
A402

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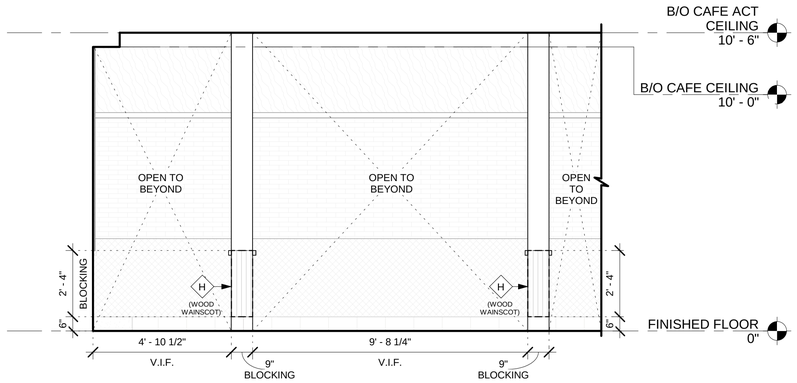
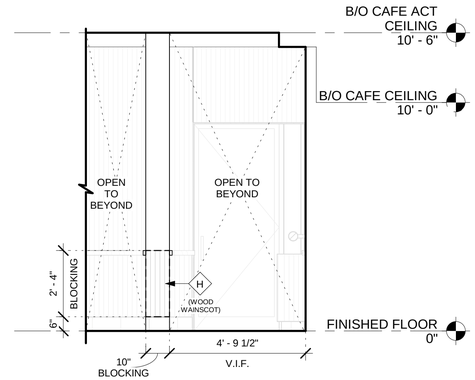


1 BLOCKING ELEVATION AT CAFE

Scale: 3/8" = 1'-0"



2 BLOCKING ELEVATION AT CAFE

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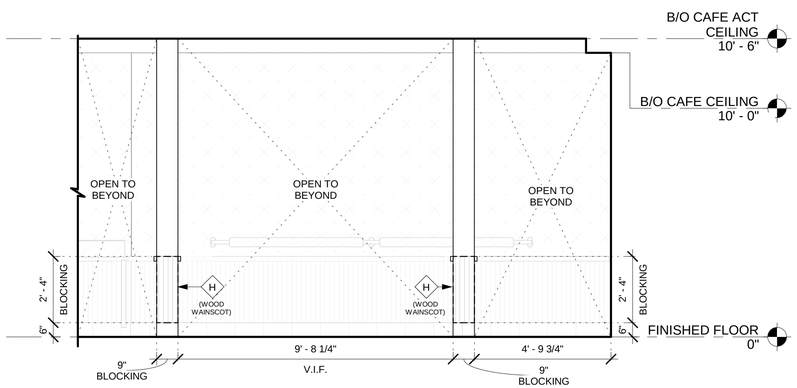
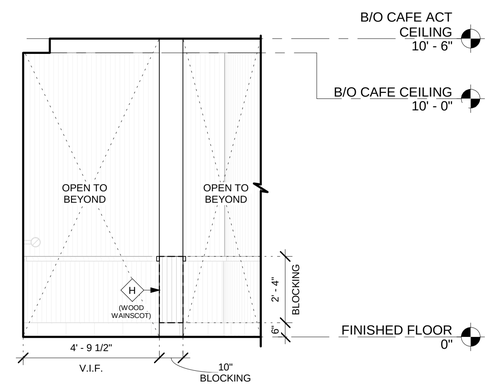


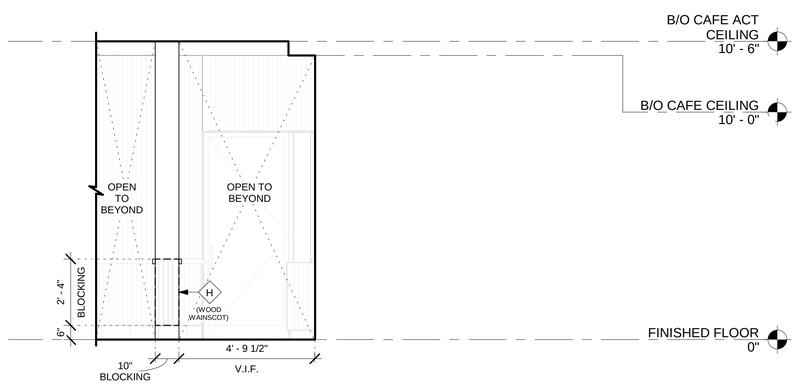
3 BLOCKING ELEVATION AT CAFE

Scale: 3/8" = 1'-0"



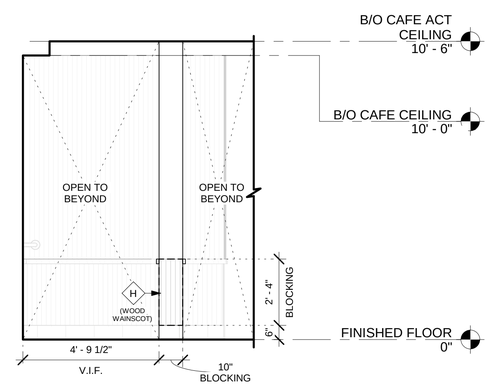
4 BLOCKING ELEVATION AT CAFE

Scale: 3/8" = 1'-0"



5 BLOCKING ELEVATION AT CAFE

Scale: 3/8" = 1'-0"



6 BLOCKING ELEVATION AT CAFE

Scale: 3/8" = 1'-0"

WALL BLOCKING KEY

SYMBOL	ITEM	WEIGHT	HEIGHT A.F.F.	APPROX. WIDTH
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G	MENU BOARDS / ORDER STATUS BOARD	BLOCKING SPECIFICATION FOR MENU BOARDS. REFER TO VENDOR'S SPECIFICATION AND DETAILS.		
H	WOOD CLADDING / WOOD WAINSCOT	BLOCKING SPECIFICATION FOR WOOD CLADDING. REFER TO VENDOR'S SPECIFICATION AND DETAILS.		
I	CONTROL PANEL	GC TO PROVIDE WALL BLOCKING AS REQUIRED FOR ALL ITEMS FOR A COMPLETE AND SECURE INSTALLATION. EXTEND BLOCKING 8" (205MM) BEYOND ON EACH SIDE OF EACH ITEM.		
J	PASTRY COOLING RACK	GC TO PROVIDE WALL BLOCKING AS REQUIRED FOR ALL ITEMS FOR A COMPLETE AND SECURE INSTALLATION. EXTEND BLOCKING 8" (205MM) BEYOND ON EACH SIDE OF EACH ITEM.		
K	ICE DIVERTER	GC TO PROVIDE WALL BLOCKING AS REQUIRED FOR ALL ITEMS FOR A COMPLETE AND SECURE INSTALLATION. EXTEND BLOCKING 8" (205MM) BEYOND ON EACH SIDE OF EACH ITEM.		

LEGEND

INDICATES WALL BLOCKING. BLOCKING TO BE PROVIDED AS REQUIRED TO SUPPORT WALL ATTACHMENTS. EXTEND BLOCKING 8" (100mm) BEYOND EDGE OF ATTACHMENTS.

INDICATES AREA OF WALL ATTACHMENT MOUNTED ON FRENCH CLEAT OR SURFACE MOUNTED

INDICATES AREA OF WOOD CLADDING AND WAINSCOT AT WALL.

0 2' 4' 6'

Scale: 3/8" = 1'-0"

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PROJECT NAME: BRIARCLIFF MANOR, NY

PROJECT ADDRESS: 107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #:	09369
PROJECT #:	26336-078
ISSUE DATE:	12-22-2023
DESIGN MANAGER:	ANNIE SONG
ENGINEER OF RECORD:	KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE: BLOCKING ELEVATIONS

SCALE: AS SHOWN

SHEET NUMBER: A403

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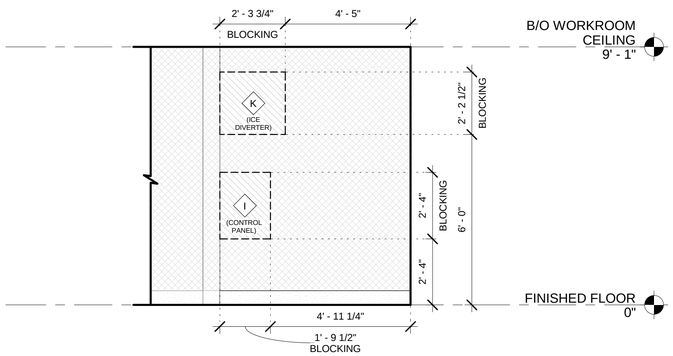
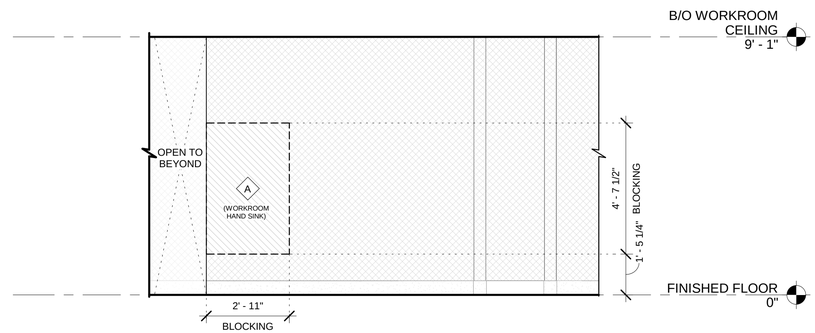


1 BLOCKING ELEVATION AT WORKROOM
Scale: 3/8" = 1'-0"



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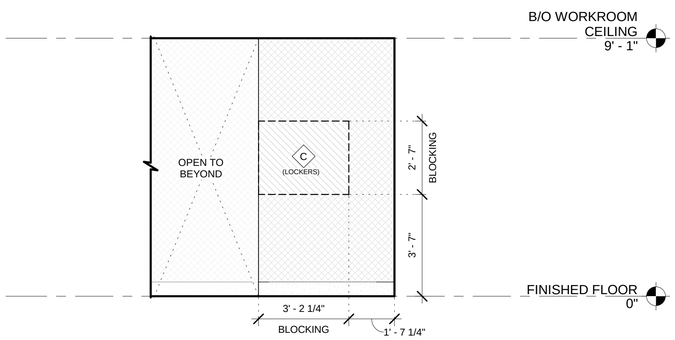
Scale: 3/8" = 1'-0"



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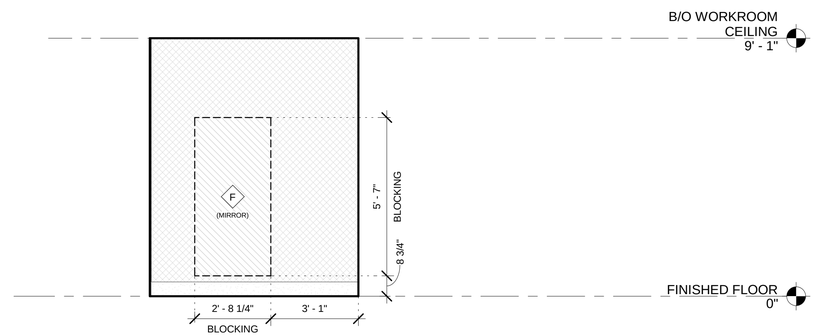
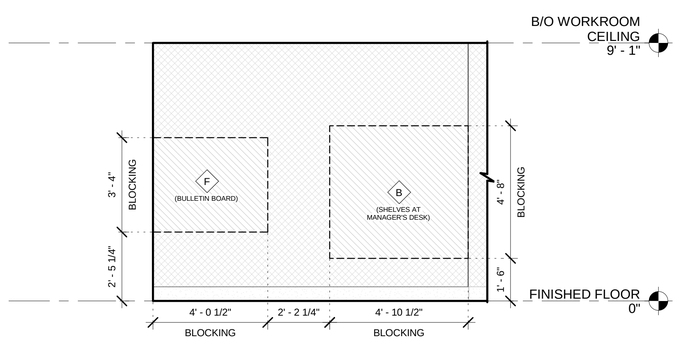
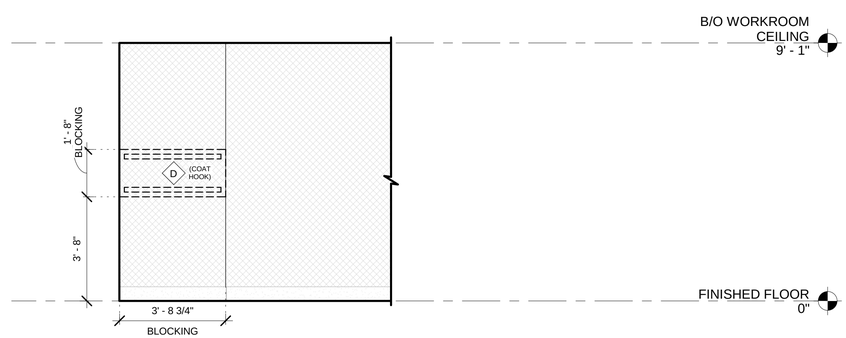
Scale: 3/8" = 1'-0"



4 BLOCKING ELEVATION AT WORKROOM
Scale: 3/8" = 1'-0"



5 BLOCKING ELEVATION AT WORKROOM
Scale: 3/8" = 1'-0"



6 BLOCKING ELEVATION AT WORKROOM
Scale: 3/8" = 1'-0"

WALL BLOCKING KEY

SYMBOL	ITEM	WEIGHT	HEIGHT A.F.F.	APPROX. WIDTH
A	WORKROOM HAND SINK	128 LBS (58 KG)	30" TO 60" (915MM TO 1015MM)	30" (760MM) BEHIND SINK
B	SHELVES AT MANAGER'S DESK	300 LBS (136 KG)	32" TO 96" (810MM TO 2440MM)	48" (1220MM) 3/4 (19MM) ACX PLYWOOD, CENTERED ON SHELVES
C	LOCKERS	BLOCKING SPECIFICATION TO BE PROVIDED BY VENDOR. IN-WALL BLOCKING PREFERRED. PAINT WHITE IF SURFACE MOUNTED.		
D	COAT HOOK			
E	UPPER CBE SHELVING	BLOCKING SPECIFICATION FOR CBE METAL SHELVES. REFER TO VENDOR'S SPECIFICATION AND DETAILS.		
F	ALL ARTWORK, FIXTURES, ACCESSORIES AND CASEWORK FABRICATIONS NOT OTHERWISE NOTED	TBD BY VENDOR (VARIES)	GC TO PROVIDE WALL BLOCKING AS REQUIRED FOR ALL ITEMS FOR A COMPLETE AND SECURE INSTALLATION. EXTEND BLOCKING 8" (205MM) BEYOND ON EACH SIDE OF EACH ITEM.	
G	MENU BOARDS / ORDER STATUS BOARD	BLOCKING SPECIFICATION FOR MENU BOARDS. REFER TO VENDOR'S SPECIFICATION AND DETAILS.		
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PROJECT ADDRESS: 107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #:	09369
PROJECT #:	26336-078
ISSUE DATE:	12-22-2023
DESIGN MANAGER:	ANNIE SONG
ENGINEER OF RECORD:	KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
BLOCKING ELEVATIONS

SCALE: AS SHOWN

SHEET NUMBER:
A404

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LEGEND

- ITEM TO BE RELOCATED
- EXISTING ITEM TO REMAIN
- EXISTING WALL TO REMAIN

KEYED NOTES

1. INSTALL CAFE FIXTURES THROUGHOUT AS SHOWN.
2. INSTALL BAR FIXTURES AND EQUIPMENT THROUGHOUT AS SHOWN. SEE ENLARGED BAR / ENGINE PLAN FOR MORE INFORMATION.
3. EXISTING RESTROOM FIXTURES AND EQUIPMENT THROUGHOUT AS SHOWN. SEE ENLARGED RESTROOM PLANS AND ELEVATIONS FOR MORE INFORMATION.
4. MERCHANDISE DISPLAY AS INDICATED. SEE CASEWORK PLAN FOR MORE INFORMATION.
5. RAILING LEAN ON WALL MOUNTED AS INDICATED. SEE CASEWORK PLAN FOR MORE INFORMATION.
6. SECURE LOCKERS TO WALL. GC TO PROVIDE WALL BLOCKING AS REQUIRED. SEE WALL BLOCKING ELEVATIONS FOR MORE INFORMATION.
7. LOCATION OF ARTWORK AS INDICATED. SEE INTERIOR FINISH ELEVATIONS FOR MORE INFORMATION.
8. NEW LOCATION OF EXISTING ROLLING PASTRY TRAY THAW RACK AS INDICATED.
9. NEW LOCATION OF EXISTING COAT HOOK AS INDICATED.
10. EXISTING WATER FILTRATION SYSTEM AND MOP SINK TO REMAIN AS INDICATED.
11. EXISTING FIRE EXTINGUISHER TO REMAIN AS INDICATED.
12. MANAGER'S DESK AS INDICATED. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.
13. NEW LOCATION OF EXISTING DATA PRINTER AND DATA COMPUTER AS INDICATED.
14. NEW LOCATION OF EXISTING LOCKERS FROM BASEMENT. SECURE LOCKERS TO WALL. GC TO PROVIDE WALL BLOCKING AS REQUIRED. SEE WALL BLOCKING ELEVATIONS FOR MORE INFORMATION.
15. NEW LOCATION OF EXISTING FLOOR BASKET AS INDICATED.
16. EXISTING ELECTRICAL PANELS AND ELECTRICAL METER. MAINTAIN MINIMUM CLEARANCE AS REQUIRED PER CODE.
17. NEW LOCATION OF EXISTING HAND SINK W/ PAPER & SOAP DISPENSER AS INDICATED.
18. LOCATION OF BULLETIN BOARD AS INDICATED. SEE INTERIOR FINISH ELEVATIONS FOR MORE INFORMATION.
19. TRASH DROP AS INDICATED. SEE CASEWORK PLAN FOR MORE INFORMATION.
20. EXISTING 3-COMP SINK, DRYING RACK & WIRE SHELVES TO REMAIN AS INDICATED.
21. NEW LOCATION OF EXISTING 2-DOOR FRIDGE AS INDICATED.
22. NEW LOCATION OF EXISTING 1-DOOR FREEZER AS INDICATED.
23. NEW LOCATION OF EXISTING METRO SHELVES AS INDICATED.
24. EXISTING FLOOR SINK LOCATION TO REMAIN AS INDICATED.
25. NEW AIR CURTAIN ABOVE BY STARBUCKS AT REAR DOOR.
26. EXISTING IT RACK TO REMAIN AS INDICATED.
27. NEW LOCATION OF EXISTING FIRE EXTINGUISHER AS INDICATED.
28. LOCATION OF DIVERTER CONTROL PANEL AS INDICATED.
29. DISTRICT MANAGER TO PROVIDE HAMPER AND RECYCLING BIN AS INDICATED.
30. EXISTING DOOR ACTIVATED AIR CURTAIN WITH HEATER BY AT MAIN ENTRANCE TO REMAIN AS INDICATED.

GENERAL NOTES

A. GENERAL CONTRACTOR TO SCHEDULE WITH LOCAL REFRIGERATION CONTRACTOR TO CONDUCT INITIAL FOOD CASE START-UP AND TESTING. FOR LIST OF APPROVED START UP CONTRACTORS, CONTACT PROJECT CONSTRUCTION REPRESENTATIVE.

B. THE SITE IS SERVED BY THE MUNICIPAL WATER AND SEWER SYSTEM UNLESS OTHERWISE NOTED.

C. ALL FOOD STORAGE SHALL BE 6" (150mm) A.F.F.

D. ALL WOOD SURFACES (DOORS, TRIM, SHELVES, CABINETS) SHALL BE SEALED.

E. ALL EQUIPMENT AND INSTALLATION WILL MEET NATIONAL SANITATION FOUNDATION STANDARDS OR EQUIVALENT.

F. ALL EQUIPMENT AND CABINETRY WILL BE FLUSH MOUNTED TO COUNTERS, WALLS OR FLOORS, OR BE RAISED TO ALLOW FOR CLEANING.

G. CONFIRM ALL NECESSARY EQUIPMENT CLEARANCES PER PRODUCT CUT SHEET (E.G. ICE MACHINE).

H. FOR LOCATION OF COUNTERTOP EQUIPMENT, REFER TO CASEWORK ELECTRICAL DETAILS.

I. EQUIPMENT UNITS SHALL CONTAIN NO EXPOSED THREADS, EMBELLISHMENTS OR OVERHANGING EDGES THAT SERVE AS PLACES FOR ACCUMULATION OF DUST, DIRT AND DEBRIS.

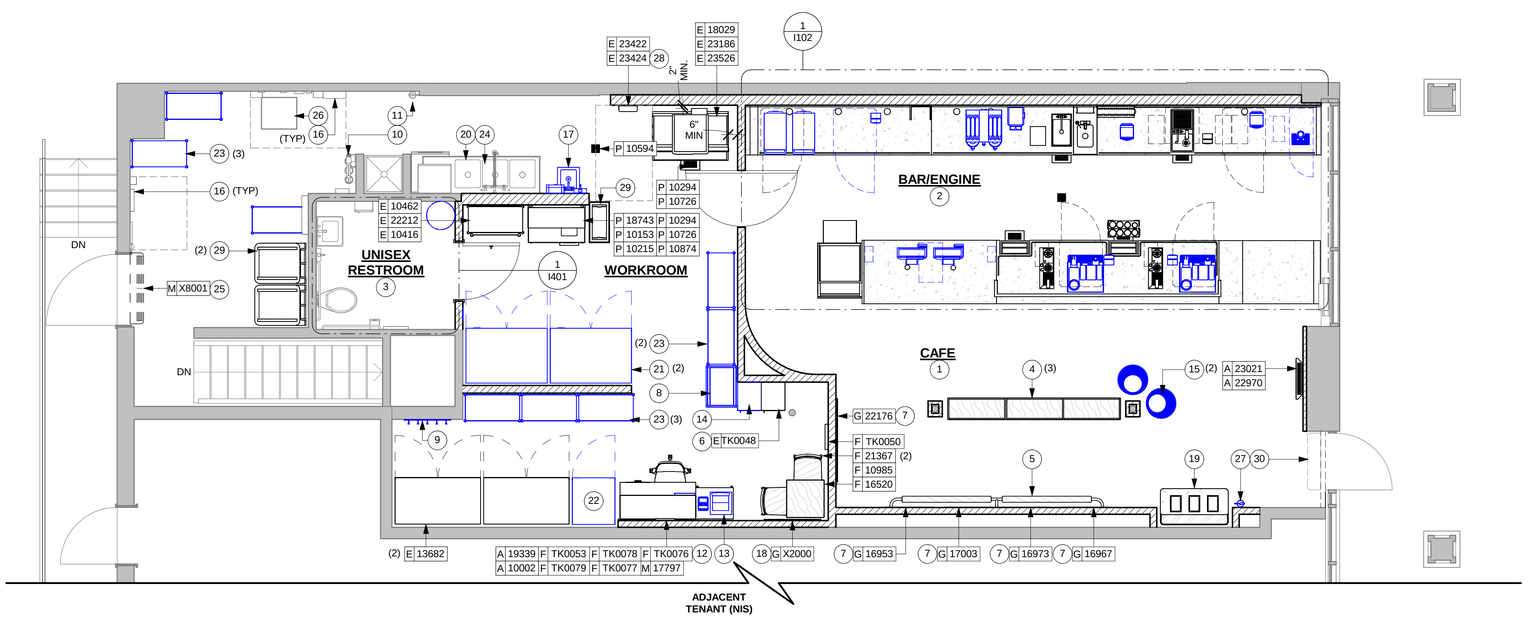
J. WARMING OVEN(S) SHOWN FOR PERMITTING PURPOSES. INSTALLATION AT STORE OPENING TO BE VERIFIED BY STARBUCKS CONSTRUCTION REPRESENTATIVE.

K. EACH HAND WASHING SINK WILL HAVE A SINGLE SERVICE TOWEL AND SOAP DISPENSER, AND ALL HAND SINKS TO HAVE A COMBINATION FAUCET OR PREMIXING FAUCET.

L. FOR PLUMBING FIXTURES, REFER TO THE PLUMBING DESIGN PLAN. FOR DATA DEVICE SCHEDULE, REFER TO THE ELECTRICAL DESIGN PLAN.

M. SEE ELEVATIONS FOR DISTRIBUTION OF CUP DISPENSERS.

N. PROVIDE FIRE EXTINGUISHERS AS NOTED ON THE APPROVED PLANS FROM THE LOCAL JURISDICTION.



1 FURNITURE, FIXTURES & EQUIPMENT PLAN
Scale: 1/4" = 1'-0"

0 2' 4' 8'
Scale: 1/4" = 1'-0"

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ENGINEER OF RECORD:	KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
FF & E PLAN

SCALE: AS SHOWN

SHEET NUMBER:
I101

12/18/2023 9:42:56 AM C:\Users\cmoy\Documents\26336-078_Briarcliff Manor, NY_CD Bid Permit_cmoyWPR4Q.rvt

KEYED NOTES

1. ITEMS TO BE LOCATED BELOW COUNTER. REFERENCE INTERIOR ELEVATIONS.
2. NEW LOCATION OF EXISTING BREWER AS INDICATED.
3. NEW LOCATION OF EXISTING OVEN AS INDICATED.
4. NEW LOCATION OF EXISTING NITRO TAP & U/C FRIDGE AS INDICATED.
5. NEW LOCATION OF EXISTING U/C FRIDGE AS INDICATED.
6. NEW LOCATION OF EXISTING BLENDER AS INDICATED.
7. NEW LOCATION OF EXISTING POS REGISTER AND PRINTER AS INDICATED.
8. NEW LOCATION OF EXISTING NITROGEN GENERATOR AS INDICATED.
9. NEW LOCATION OF EXISTING GRINDER AS INDICATED.
10. NEW LOCATION OF EXISTING LABELER AS INDICATED.
11. HAND SINK WITH INTEGRAL SPLASH GUARD. HAND SINK TO HAVE SOAP AND SINGLE SERVICE TOWEL DISPENSERS.
12. NEW LOCATION OF EXISTING SAFE LOCATED AT POS CABINET AS INDICATED. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.
13. INSTALL TRASH DROP AS INDICATED.
14. NEW LOCATION OF EXISTING POS BANK AS INDICATED.
15. NEW LOCATION OF EXISTING ESPRESSO MACHINE AS INDICATED.

GENERAL NOTES

A. METAL COMPONENTS PROVIDED BY CASEWORK SUPPLIER UNLESS OTHERWISE NOTED.

B. DIEWALL AND BOX BASES TO BE INSTALLED PRIOR TO FLOORING MATERIAL INSTALLATION.

C. GC TO INSTALL BLOCKING BETWEEN DIEWALL BASE.

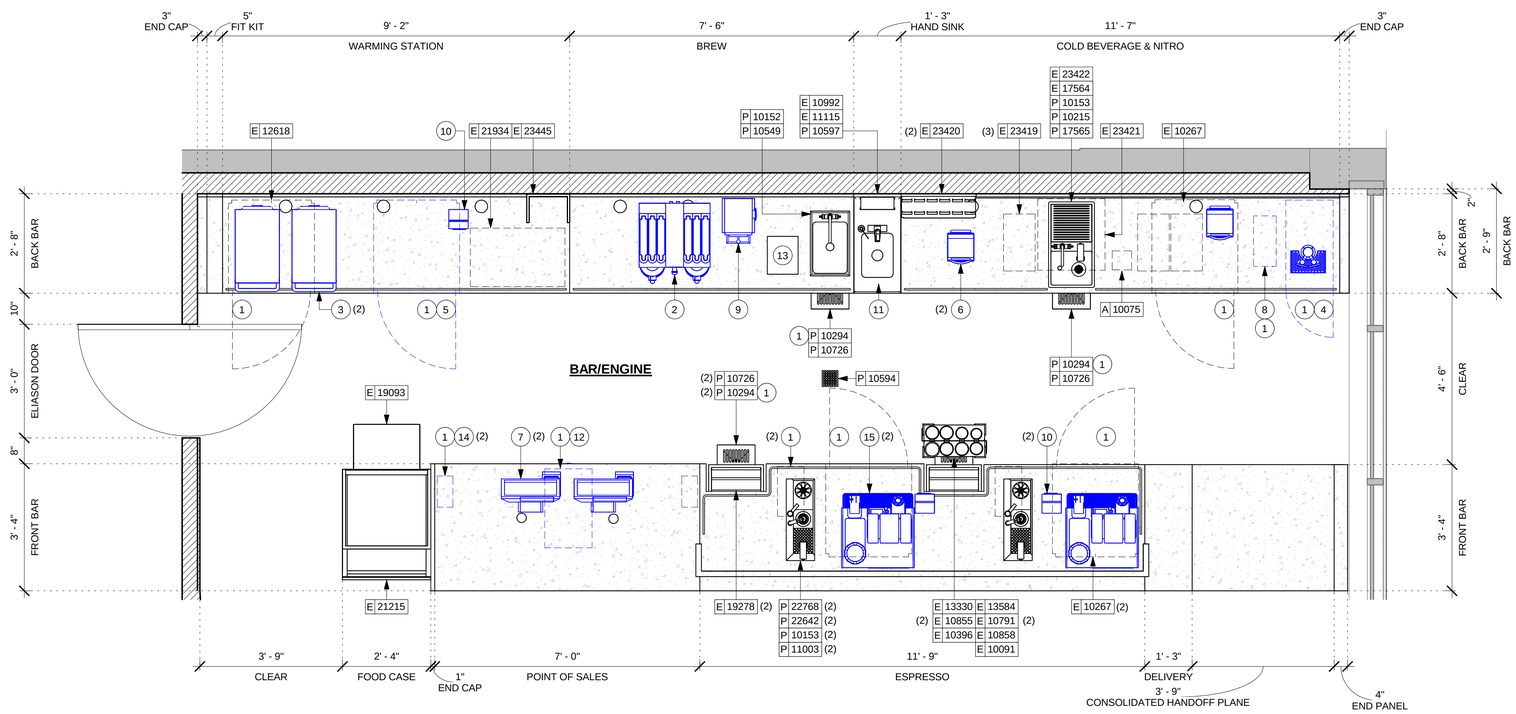
D. ALL DIMENSIONS TAKEN FROM FRONTLINE DATUM POINT TO OUTSIDE CORNER OF DIEWALL BASE.

E. BOX BASE (IF APPLICABLE) BUTTS UP AGAINST INSIDE FACE OF DIEWALL. PROVIDE SEALANT AT SEAM.

F. LEVEL BOX BASES TO BOTTOM RAIL OF WALL FRAME.

LEGEND

- ITEM TO BE RELOCATED
- EXISTING ITEM TO REMAIN
- EXISTING WALL TO REMAIN



1 ENLARGED BAR/ENGINE PLAN
Scale: 1/2" = 1'-0"

0 1' 2' 4'
Scale: 1/2" = 1'-0"

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SHEET TITLE:
ENLARGED BAR/ENGINE PLAN
SCALE: AS SHOWN

SHEET NUMBER:
I102

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LEGEND

INDICATES STAINLESS STEEL (SST) COUNTERTOP

INDICATES **CP0005** SOLID SURFACE (SS) COUNTERTOP

A — INDICATES WOOD WAINSCOT **WD0077 - WALNUT - REVEAL SLAT - VERTICAL MAD101-V (X9400)** MOUNTED FROM 6" UP TO 2'-8" A.F.F., WITH 2" WOOD CHAIR RAIL **WD0077 - WALNUT (X9401)** MOUNTED AT 2'-8" T/O WAINSCOT.

B — INDICATES WOOD WAINSCOT **WD0077 - WALNUT - REVEAL SLAT - VERTICAL MAD101-V (X9400)** MOUNTED FROM 6" UP TO 2'-8" A.F.F., WITH 2" WOOD CHAIR RAIL **WD0077 - WALNUT (X9401)** MOUNTED AT T/O WAINSCOT AND WOOD CLADDING **WD0077 - WALNUT- REVEAL SLAT - VERTICAL MAD101-V (X9800)** MOUNTED FROM T/O CHAIR RAIL UP TO CEILING AT CAFE.

C — INDICATES WOOD CLADDING **WD0077 - WALNUT- REVEAL SLAT - VERTICAL MAD101-V (X9800)** MOUNTED FROM T/O DOOR OPENING UP TO CEILING AT BAR.

D — INDICATES WOOD CLADDING **WD0077 - WALNUT- REVEAL SLAT - VERTICAL MAD101-V (X9800)** MOUNTED FROM TOP OF OVERHANG SOFFIT UP TO CEILING AT BAR.

E — INDICATES WOOD WAINSCOT **WD0077 - WALNUT - REVEAL SLAT - VERTICAL MAD101-V (X9402)** MOUNTED FROM 6" UP TO 2'-4" A.F.F. AT CAFE.

F — INDICATES 3 SIDES OPENING 1/2" WOOD FLAT TRIM **WD0077 - WALNUT (X5005)** MOUNTED AT MAIN ENTRANCE DOOR AND WOOD CLADDING **WD0077 - WALNUT- REVEAL SLAT - VERTICAL MAD101-V (X9800)** MOUNTED FROM T/O WOOD FLAT TRIM UP TO CEILING AT CAFE.

G — INDICATES PLASTIC LAMINATE **PL0028 - BLACK (X9802)** MOUNTED FROM 6" UP TO 2'-4" A.F.F., WITH HORIZONTAL 1" WOOD FLAT TRIM **WD0077 - WALNUT (X5000)** MOUNTED AT AT STOREFRONT WINDOW SILL.

C1 — INDICATES **CLEAR** PLASTIC CORNER GUARD **(10218)** ON CORNERS OF FRP WALL COVERING AS INDICATED AT WORKROOM.

C2 — INDICATES VERTICAL SCHLUTER JOLLY TILE EDGE TRIM - **BEIGE (X5002)** LOCATED AT BAR/ENGINE TILE TRANSITION.

C3 — INDICATES 3 SIDES OPENING METAL TRIM **MT0028 - FLAT BLACK POWDERCOAT (X5003)** AT WORKROOM ELIASON DOOR. SEE INTERIOR ELEVATIONS FOR MORE INFORMATION

C4 — INSTALL 3 SIDES OPENING WOOD TRIM **WD0077 - WALNUT (X5001)** AT STOREFRONT BAR. SEE INTERIOR ELEVATIONS FOR MORE INFORMATION.

C5 — INSTALL 2 SIDES OPENING WOOD TRIM **WD0077 - WALNUT (X5005)** AT STOREFRONT SIDELITE. SEE INTERIOR ELEVATIONS FOR MORE INFORMATION.

C6 — INSTALL 3 SIDES OPENING WOOD TRIM **WD0077 - WALNUT (X5006)** AT ENTRY DOOR. SEE INTERIOR ELEVATIONS FOR MORE INFORMATION.

KEYED NOTES

1. COUNTERTOP DESIGN INCLUDES INTEGRATED TRASH DROP LIP.
2. INSTALL CASEWORK, COUNTERTOPS, SHELVES, FINISHES, TRIM AND TABLE TOPS THROUGHOUT. REFERENCE FINISH SCHEDULE AND MANUFACTURER'S SPECIFICATIONS FOR MORE INFORMATION.
3. ALL COUNTERTOPS UTILIZED FOR CUSTOMER TRANSACTIONS, INCLUDING BAR, CONDIMENT AND SALES COUNTERTOPS SHALL BE INSTALLED AT 2'-10" AFF MAXIMUM.
4. CASEWORK MANUFACTURER TO ENGINEER PROPER COUNTERTOP SUPPORT AT ESPRESSO BAR AND OTHER WORKSTATIONS PER STARBUCKS MINIMUM PERFORMANCE CRITERIA.
5. INSTALL **PLASTIC** CORNER GUARD **(10218)** ON WORKROOM WALL CORNERS AS INDICATED. SEE INTERIOR ELEVATIONS FOR MORE INFORMATION.
6. FLOOR SINK BELOW. CASEWORK MANUFACTURER TO COORDINATE DESIGN TO INSURE THIS AREA IS READILY ACCESSIBLE FOR CLEANING AND FREE OF COUNTERTOP SUPPORT.
7. WALL FINISH BEHIND EXPOSED CABINETRY AND BELOW UNDERSIDE OF COUNTERTOP SUBSTRATE TO BE FRP WALL COVERING AS SCHEDULED.
8. INSTALL VERTICAL SCHLUTER JOLLY TILE EDGE TRIM - **MTX002 - BLACK (X5002)** LOCATED AT BAR/ENGINE TILE TRANSITION.
9. INSTALL WOOD WAINSCOT **WD0077 - WALNUT - REVEAL SLAT - VERTICAL MAD101-V (X9400)** MOUNTED FROM 6" UP TO 2'-8" A.F.F., WITH 2" WOOD CHAIR RAIL **WD0077 - WALNUT (X9401)** MOUNTED AT T/O WAINSCOT.
10. INSTALL WOOD WAINSCOT **WD0077 - WALNUT - REVEAL SLAT - VERTICAL MAD101-V (X9400)** MOUNTED FROM 6" UP TO 2'-8" A.F.F., WITH 2" WOOD CHAIR RAIL **WD0077 - WALNUT (X9401)** MOUNTED AT T/O WAINSCOT AND WOOD CLADDING **WD0077 - WALNUT- REVEAL SLAT - VERTICAL MAD101-V (X9800)** MOUNTED FROM T/O CHAIR RAIL UP TO CEILING AT CAFE.
11. INSTALL WOOD CLADDING **WD0077 - WALNUT- REVEAL SLAT - VERTICAL MAD101-V (X9800)** MOUNTED FROM T/O OPENING TO CEILING AT BAR.
12. INSTALL WOOD CLADDING **WD0077 - WALNUT- REVEAL SLAT - VERTICAL MAD101-V (X9800)** MOUNTED FROM TOP OF OVERHANG SOFFIT UP TO CEILING AT BAR.
13. INSTALL WOOD WAINSCOT **WD0077 - WALNUT - REVEAL SLAT - VERTICAL MAD101-V (X9402)** MOUNTED FROM 6" UP TO 2'-4" A.F.F. AT CAFE.
14. INSTALL 3 SIDES OPENING 1/2" WOOD FLAT TRIM **WD0077 - WALNUT (X5006)** MOUNTED AT MAIN ENTRANCE DOOR AND WOOD CLADDING **WD0077 - WALNUT- REVEAL SLAT - VERTICAL MAD101-V (X9800)** MOUNTED FROM T/O WOOD FLAT TRIM TO CEILING AT CAFE.
15. INSTALL HORIZONTAL 1" WOOD FLAT TRIM **WD0077 - WALNUT (X5000)** MOUNTED AT T/O WAINSCOT AT STOREFRONT WINDOW.
16. INSTALL 3 SIDES OPENING METAL TRIM **MT0028 - FLAT BLACK POWDERCOAT (X5003)** AT WORKROOM ELIASON DOOR. SEE INTERIOR ELEVATIONS FOR MORE INFORMATION.
17. INSTALL 3 SIDES OPENING WOOD TRIM **WD0077 - WALNUT (X5001)** AT BAR STOREFRONT WINDOW. SEE INTERIOR ELEVATIONS FOR MORE INFORMATION.
18. INDICATES CONDIMENT & TRASH DROP UNIT **WD0077 - WALNUT**. SEE MANUFACTURER'S SPECIFICATIONS FOR MORE INFORMATION.
19. VARIABLE WIDTH FILLER CABINET / COUNTERTOP REQUIRED TO FILL GAP (FIELD VERIFY DIMENSION). VENDOR TO COORDINATE EXACT DIMENSION WITH GC PRIOR TO INSTALLATION.
20. EXISTING CORNER GUARD TO REMAIN AS INDICATED.
21. EXISTING FLOOR SINK BELOW TO REMAIN.
22. INSTALL 2 SIDES OPENING WOOD FLAT TRIM **WD0077 - WALNUT (X5005)** AT STOREFRONT SIDELITE. SEE INTERIOR ELEVATIONS FOR MORE INFORMATION.

GENERAL NOTES

A. GENERAL CONTRACTOR TO NOTIFY CONSTRUCTION MANAGER IMMEDIATELY IF A DISCREPANCY EXISTS BETWEEN CASEWORK SHOP DRAWINGS, EXITING SITE CONDITIONS, ARCHITECTURAL DRAWINGS OR BUILT FIXTURES. ALL DIMENSIONS SHALL BE FIELD VERIFIED BY GC PRIOR TO SHOP DRAWINGS PRODUCTION.

B. STARBUCKS CONSTRUCTION MANAGER TO COORDINATE AND SCHEDULE CASEWORK DELIVERY DATE. GENERAL CONTRACTOR TO CONFIRM CASEWORK DELIVERY DATE WITH CASEWORK MANUFACTURER AT FOUR (4) WEEKS PRIOR AND THEN ONE (1) WEEK PRIOR TO SCHEDULED DATE OF DELIVERY.

C. STARBUCKS CONTRACTS DIRECTLY WITH CASEWORK VENDOR TO SUPPLY CASEWORK LISTED IN THE CASEWORK SCHEDULE, UNLESS OTHERWISE NOTED.

D. CASEWORK VENDOR TO PROVIDE COMPLETE SHOP DRAWINGS AND INSTALLATION PACKAGE TO GENERAL CONTRACTOR TO FACILITATE PROPER INSTALLATION.

E. ALL CASEWORK BOX BASE/TOE KICKS SHALL BE SET AND LEVELED USING 1/4" (6 MM) NON-ABSORBENT PLASTIC SHIMS PROVIDED BY CASEWORK VENDOR.

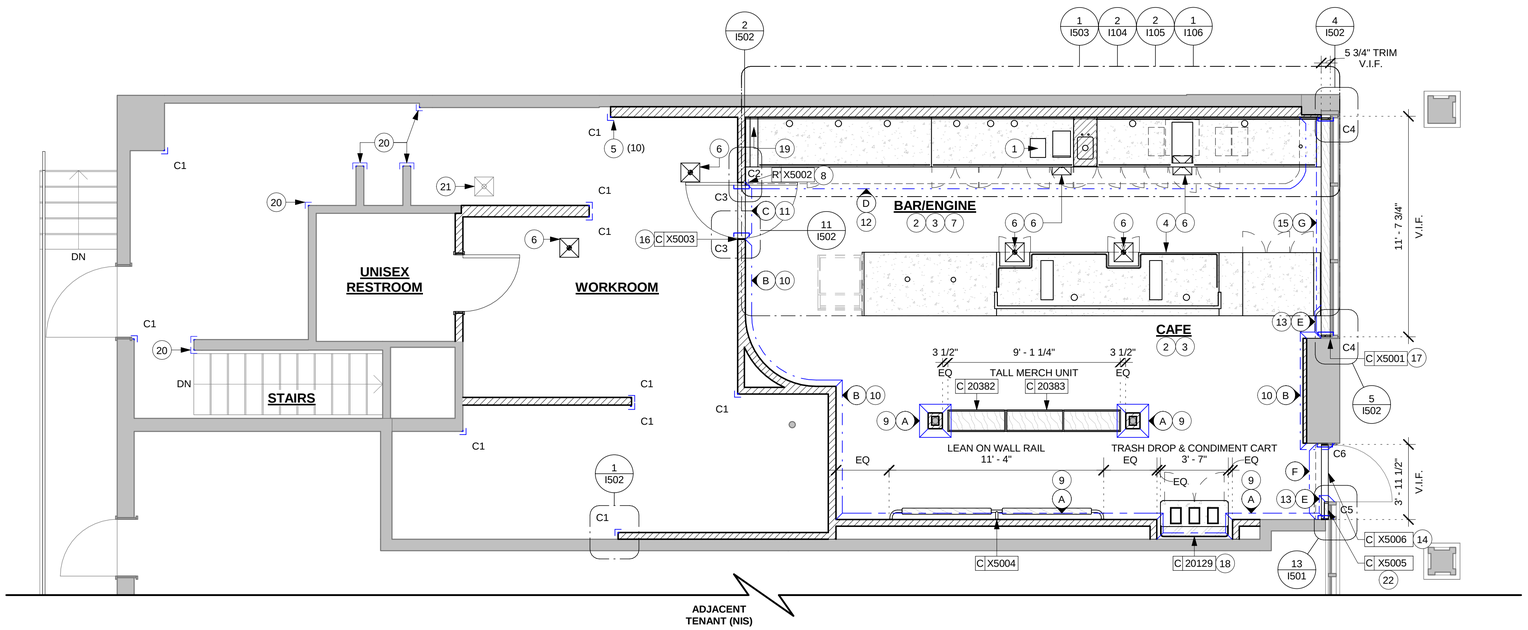
F. SEE INTERIOR FINISH ELEVATIONS AND SCHEDULES FOR LOCATION AND TAGGING OF WALL TREATMENTS BY CV AND OTHERS.

G. SEE REFLECTED CEILING PLAN FOR CASEWORK SOFFIT LOCATIONS.

H. REFERENCE PLUMBING AND ELECTRICAL PLANS FOR PLACEMENT OF ELECTRICAL, DATA AND PLUMBING ON FRONT AND BACKLINE OF BAR.

I. PROVIDE ACCENT LIGHTING AT FRONT EDGE OF BAR. SEE INTERIOR ELEVATIONS AND ELECTRICAL FOR ADDITIONAL INFORMATION.

J. CASEWORK VENDOR TO ENGINEER PROPER COUNTERTOP SUPPORT AT ESPRESSO BAR AND OTHER WORKSTATIONS PER STARBUCKS MINIMUM PERFORMANCE REQUIREMENTS.



1 CASEWORK PLAN
Scale: 1/4" = 1'-0"

0 2' 4' 8'
Scale: 1/4" = 1'-0"

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STARBUCKS TEMPLATE VERSION i2021.04.23

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PROJECT NAME: BRIARCLIFF MANOR, NY

PROJECT ADDRESS: 107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #: 09369
PROJECT #: 26336-078
ISSUE DATE: 12-22-2023
DESIGN MANAGER: ANNIE SONG
ENGINEER OF RECORD: KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
CASEWORK PLAN

SCALE: AS SHOWN

SHEET NUMBER:
I103

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ADAPTABLE CASEWORK FRAMEWORK SCHEDULE - "C"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
DIEWALL					
21885	8	DIEWALL - FRAMING - VARIABLE LENGTH: POS (1) 7'-0 3/4", ESP (1) 11'-9", DEL (1) 1'-3", CHP (1) 3'-9 3/4", CBE (1) 11'-7 3/4", ADD (1) 1'-3", BRW (1) 7'-6", WRM (1) 9'-7 3/4"	SB	GC	PROVIDED BY CASEWORK VENDOR
21886	5	DIEWALL - BASE - VARIABLE LENGTH: POS (1) 7'-0 3/4", ESP (1) 11'-9", DEL (1) 1'-3", CHP (1) 3'-8 1/4", END PANEL (1) 2'-4"	SB	GC	PROVIDED BY CASEWORK VENDOR
21887	5	DIEWALL - BASE - VARIABLE LENGTH: POS (1) 7'-0 3/4", ESP (1) 11'-9", DEL (1) 1'-3", CHP (1) 3'-10 1/2", END PANEL (1) 2'-10 1/4"	SB	GC	PROVIDED BY CASEWORK VENDOR
21888	33	DIEWALL - SUPPORT LEG: FRONT BAR (14) 2'-9 1/4", BACK BAR (19) 2'-4 3/4"	SB	GC	PROVIDED BY CASEWORK VENDOR
23412	1	DIEWALL - FRAMING UPPER - VARIABLE LENGTH: CBE (1) 5'-5 1/2"	SB	GC	PROVIDED BY CASEWORK VENDOR
23413	4	DIEWALL - SUPPORT ARM UPPER: CBE (4) 1'-11 1/2"	SB	GC	PROVIDED BY CASEWORK VENDOR
23417	2	CABINET - CBE UPPER SIDE PANEL: CBE (2) 2'-0 1/2"	SB	GC	PROVIDED BY CASEWORK VENDOR

ADAPTABLE CASEWORK PANEL SCHEDULE - "C"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
PANEL					
21890	22	CABINET - SIDE PANEL: FRONT BAR (8) 1'–9 3/4", BACK BAR (14) 1'–9 3/4"	SB	GC	PROVIDED BY CASEWORK VENDOR
21933	5	DIEWALL - BASE - VARIABLE LENGTH: POS (1) 7'-1 1/4", ESP (1) 11'-9", DEL (1) 1'-3", CHP (1) 3'-11 3/4", END PANEL (1) 2'-11"	SB	GC	PROVIDED BY CASEWORK VENDOR
X21933	1	CUSTOM - FOOD CASE FINISH PANEL: FOOD CASE (1) 0'-10 3/4" X 2'-4"	SB	GC	PROVIDED BY CASEWORK VENDOR

ADAPTABLE CASEWORK BASE SCHEDULE - "C"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
CABINET					
21889	2	CABINET - BOX BASE: POS (1) 2'-7 1/2" X 2'-4"	SB	GC	PROVIDED BY CASEWORK VENDOR

KEYED NOTES

1. INSTALL CASEWORK, COUNTERTOPS, SHELVES, CUBBIES, FINISHES, TRIM AND TABLE TOPS THROUGHOUT. REFERENCE FINISH SCHEDULE AND MANUFACTURER'S SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. ALL COUNTERTOPS UTILIZED FOR CUSTOMER TRANSACTIONS, INCLUDING BAR, CONDIMENT AND SALES COUNTERTOPS SHALL BE INSTALLED AT 2'-10" (860 MM) MAXIMUM A.F.F.
3. PLUMBING/ELECTRICAL PENETRATION BELOW. CASEWORK MANUFACTURER TO COORDINATE DESIGN TO INSURE THIS AREAS READILY ACCESSIBLE FOR CLEANING AND FREE OF COUNTERTOP SUPPORT.
4. ADD PLYWOOD BACKER TO FRONT BAR SUPPORTS BEHIND CABINET FOR DATA/ELECTRICAL CONDUIT SUPPORT.
5. PROVIDE 3/4" BLOCKING TO 34" A.F.F. FOR ALL WALL FRAMES TO SUPPORT CASEWORK LEG.
6. BOX BASE BELOW.
7. DIMENSIONS LOCATING SUPPORT LEG ARE TO CENTER OF FRAME.
8. FLOOR SINK BELOW. CASEWORK MANUFACTURER TO COORDINATE DESIGN TO INSURE THIS AREA IS READILY ACCESSIBLE FOR CLEANING AND FREE OF COUNTERTOP SUPPORT.
9. INDICATES FOOD CASE.
10. INDICATES PASTRY TRAY CART.
11. INDICATES FLOOR DRAIN.
12. INSTALL PLASTIC LAMINATE FROM 6" UP TO WINDOW TRIM AT BAR/ENGINE. SEE INTERIOR FINISH ELEVATIONS FOR MORE INFORMATION.

GENERAL NOTES

A. METAL COMPONENTS PROVIDED BY CASEWORK SUPPLIER UNLESS OTHERWISE NOTED.

B. DIEWALL AND BOX BASES TO BE INSTALLED PRIOR TO FLOORING MATERIAL INSTALLATION.

C. GC TO INSTALL BLOCKING BETWEEN DIEWALL BASE.

D. ALL DIMENSIONS TAKEN FROM FRONTLINE DATUM POINT TO OUTSIDE CORNER OF DIEWALL BASE.

E. BOX BASE (IF APPLICABLE) BUTTS UP AGAINST INSIDE FACE OF DIEWALL. PROVIDE SEALANT AT SEAM.

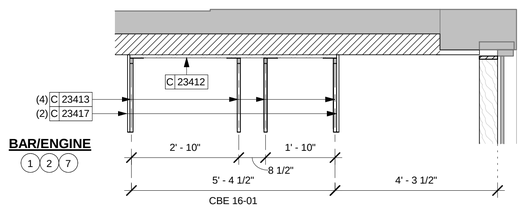
F. LEVEL BOX BASES TO BOTTOM RAIL OF WALL FRAME.

G. DIEWALL TO BE ANCHORED TO FLOOR WITH HARDWARE SUPPLIED BY CASEWORK VENDOR.

H. GC TO PROVIDE CONTINUOUS WALL BLOCKING BEHIND CASEWORK. GC TO INSTALL BLOCKING BETWEEN DIEWALL BASE.

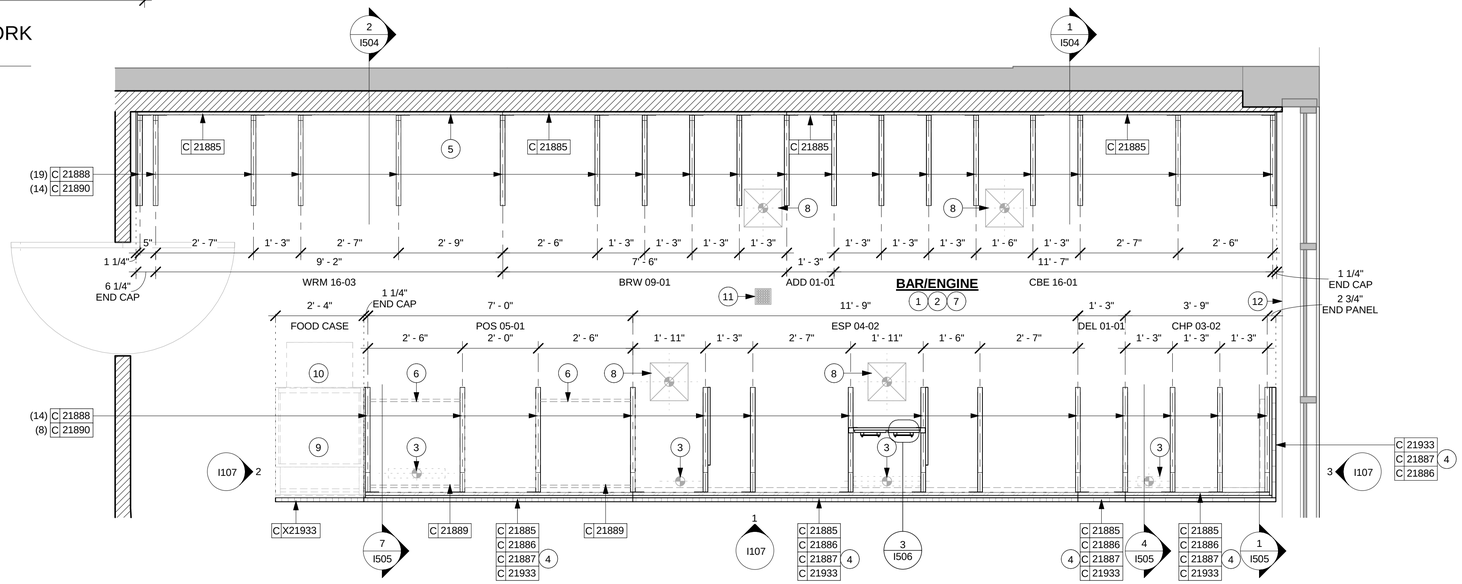
I. CASEWORK FRAME AT BAR ENDS ARE SUPPORTED BY 90 DEGREE DIEWALL BASE.

J. TOP EDGE OF DIEWALL FRAME TO BE INSTALLED AT 32 13/16" A.F.F. AT LOW POINT.



1 ADAPTABLE CASEWORK FRAMEWORK PLAN UPPER CABINET

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



2 ADAPTABLE CASEWORK FRAMEWORK PLAN

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

0 1' 2' 4'

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

N

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PROJECT ADDRESS: 107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #:	09369
PROJECT #:	26336-078
ISSUE DATE:	12-22-2023
DESIGN MANAGER:	ANNIE SONG
ENGINEER OF RECORD:	KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
ADAPTABLE CASEWORK FRAMEWORK PLAN
SCALE: AS SHOWN

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I104

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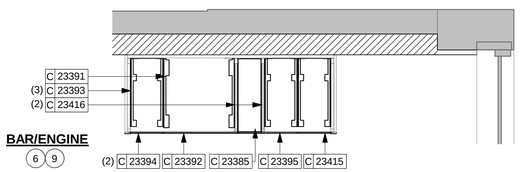
ADAPTABLE CASEWORK CABINET SCHEDULE - "C"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
CABINET					
11155	2	ESPRESSO MACHINE PUMP MOUNT - 10X10IN 255X255MM	SB	GC	PROVIDED BY CASEWORK VENDOR
19281	2	CABINET - ESPRESSO ICE BIN STAINLESS - 20IN 510MM	SB	GC	PROVIDED BY CASEWORK VENDOR
21891	11	CABINET - BOTTOM SHELF - 15IN 380MM	SB	GC	PROVIDED BY CASEWORK VENDOR
21892	9	CABINET - BACK PANEL - 15IN 380MM	SB	GC	PROVIDED BY CASEWORK VENDOR
21893	5	CABINET - ADJUSTABLE SHELF - 15IN 380MM	SB	GC	PROVIDED BY CASEWORK VENDOR
21894	7	CABINET - DOOR - 15IN 380MM	SB	GC	PROVIDED BY CASEWORK VENDOR
21895	5	CABINET - DOOR TRASH - 15IN 380MM	SB	GC	PROVIDED BY CASEWORK VENDOR
21896	2	CABINET - DRAWER - 15IN 380MM	SB	GC	PROVIDED BY CASEWORK VENDOR
21898	1	CABINET - BOTTOM SHELF - 18IN 455MM	SB	GC	PROVIDED BY CASEWORK VENDOR
21899	1	CABINET - BACK PANEL - 18IN 455MM	SB	GC	PROVIDED BY CASEWORK VENDOR
21901	1	CABINET - DOOR - 18IN 455MM	SB	GC	PROVIDED BY CASEWORK VENDOR
21902	3	CABINET - BOTTOM SHELF - 30IN 760MM	SB	GC	PROVIDED BY CASEWORK VENDOR
21903	1	CABINET - BACK PANEL - 30IN 760MM	SB	GC	PROVIDED BY CASEWORK VENDOR
21904	5	CABINET - ADJUSTABLE SHELF - 30IN 760MM	SB	GC	PROVIDED BY CASEWORK VENDOR
21905	1	CABINET - DOOR - 30IN 760MM	SB	GC	PROVIDED BY CASEWORK VENDOR
21906	1	CABINET - END CAP FRONTBAR: END CAP (1) 2'-11"	SB	GC	PROVIDED BY CASEWORK VENDOR
21907	2	CABINET - END CAP BACKBAR: END CAP (2) 2'-5 3/4"	SB	GC	PROVIDED BY CASEWORK VENDOR
21908	1	CABINET - FILLER PANEL - VARIABLE LENGTH: FIT KIT (1) 0'-6"	SB	GC	PROVIDED BY CASEWORK VENDOR
21912	2	CABINET - BACK PANEL FOR POS - 30IN 760MM	SB	GC	PROVIDED BY CASEWORK VENDOR
21913	2	CABINET - EQUIPMENT MOUNTING PANEL: FRONT BAR (2) 2'-0 5/8"	SB	GC	PROVIDED BY CASEWORK VENDOR
21914	5	FRIDGE STOP BRACKET SET	SB	GC	PROVIDED BY CASEWORK VENDOR
22749	1	CABINET - ESPRESSO PUMP MOUNT PANEL	SB	GC	PROVIDED BY CASEWORK VENDOR
22986	1	CABINET - DELIVERY DRAWER - 15IN 380MM	SB	GC	PROVIDED BY CASEWORK VENDOR
23385	1	CABINET - BOTTOM SHELF - 9IN 230MM	SB	GC	PROVIDED BY CASEWORK VENDOR
23391	1	CABINET - CBE ICE DISPENSE BRACKET	SB	GC	PROVIDED BY CASEWORK VENDOR
23392	1	CABINET - CBE ICE DISPENSE DOOR - 24IN 610MM	SB	GC	PROVIDED BY CASEWORK VENDOR
23393	3	CABINET - CBE MILK DISPENSE BRACKET SLIDE	SB	GC	PROVIDED BY CASEWORK VENDOR
23394	2	CABINET - CBE MILK DISPENSE DOOR - 10IN 255MM	SB	GC	PROVIDED BY CASEWORK VENDOR
23395	1	CABINET - CBE MILK DISPENSE DOOR - 11IN 280MM	SB	GC	PROVIDED BY CASEWORK VENDOR
23415	1	PANEL - CBE FRONT PANEL UPPER IN-LINE	SB	GC	PROVIDED BY CASEWORK VENDOR
23416	2	PANEL - CBE INTERIOR PANEL UPPER: CBE (2) 1'-9 3/4"	SB	GC	PROVIDED BY CASEWORK VENDOR



1 ADAPTABLE CASEWORK CABINET PLAN UPPER CABINET
Scale: 1/2" = 1'-0"

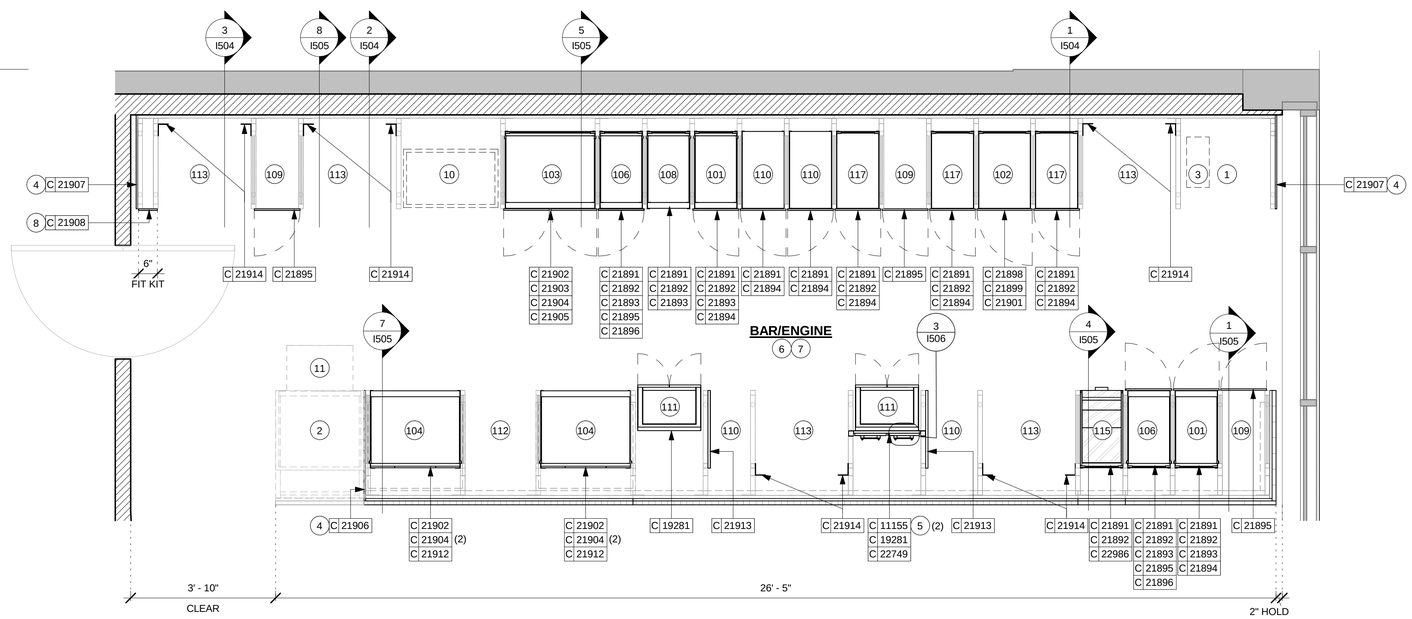
ADAPTABLE CASEWORK CABINET TYPES AND BILL OF MATERIALS										
KEY NUMBER	CABINET TYPE	FULL HT. DOORS	3/4 DOOR	3/4 DOOR W/ VENT	DRAWER	BOTTOM SHELF	ADJUST. SHELF	BACK PANEL	SIDE PANELS	BOX BASE^^
101	15" STORAGE	1 DID 21894	N/A	N/A	N/A	1 DID 21891	1 DID 21893	1 DID 21892	2** DID 21890	NO
102	18" STORAGE	1 DID 21901	N/A	N/A	N/A	1 DID 21898	0	1 DID 21899	2** DID 21890	NO
103	30" STORAGE	2 DID 21905	N/A	N/A	N/A	1 DID 21902	1 DID 21904	1 DID 21903	2** DID 21890	NO
104	30" POS	N/A	N/A	N/A	N/A	1 DID 21902	1 DID 21904	1 DID 21912	2** DID 21890	YES DID 21889
105 NOT USED	18" POS	N/A	N/A	N/A	N/A	1 DID 21898	1 DID 21900	1 DID 21911	2** DID 21890	YES DID 21889
106	15" DRAWER	N/A	1 DID 21895	N/A	1 DID 21896	1 DID 21891	1 DID 21893	1 DID 21892	2** DID 21890	NO
107 NOT USED	15" PRODUCTION CONTROLLER	N/A	N/A	1 DID 21895	1 DID 21896	1 DID 21891	1 DID 21893	1 DID 21892	2** DID 21890	NO
108	15" CUBBY - COFFEE	N/A	N/A	N/A	N/A	1 DID 21891	1 DID 21893	1 DID 21892	2** DID 21890	NO
109	15" CUBBY - TRASH	N/A	1/0* DID 21895	N/A	N/A	0	0	0	2** DID 21890	NO
110	15" SINK OR ICE BIN	1/0* DID 21894	N/A	N/A	N/A	1^ DID 21891	0	0	2** DID 21890	NO
111	18" SINK OR ICE BIN	1/0* DID 21901	N/A	N/A	N/A	1^ DID 21898	0	0	0 (1,2)** DID 21890	NO
112	24" SAFE	N/A	N/A	N/A	N/A	0	0	0	2** DID 21890	NO
113	30" REFRIGERATOR	N/A	N/A	N/A	N/A	N/A	0	0	0 (1,2)** DID 21890	NO
114 NOT USED	30" SINK OR ICE BIN	1/0* DID 21905	N/A	N/A	N/A	1^ DID 21902	0	0	2** DID 21890	NO
115	15" DELIVERY	1/0* DID 2184	N/A	N/A	N/A	0	0	0	2** DID 21890	NO
116 NOT USED	15" STORAGE	N/A	1 DID 21895	N/A	N/A	1 DID 21891	1 DID 21893	1 DID 21892	2** DID 21890	NO
117	15" STORAGE	1 DID 21894	N/A	N/A	N/A	1 DID 21891	0	1 DID 21892	2** DID 21890	NO
118 NOT USED	32" SIREN FOOD	2 DID 23426	N/A	N/A	N/A	0	0	0	NO	NO
119 NOT USED	15" SIREN FOOD	N/A	1 DID 17747	N/A	N/A	0	0	0	NO	NO

* DOOR NOT REQUIRED WHERE CUSTOMER VIEW IS LIMITED OR NEGLIGIBLE (i.e. FRONTLINE OR BEHIND WALLS).

** SIDE PANEL QUANTITY SHOWN IS FOR STAND-ALONE CABINETS; ACTUAL SIDE PANEL QUANTITY IS DEPENDENT ON ADJACENT CABINET TYPE AS SIDE PANELS CAN BE SHARED.

^ BOTTOM SHELF AND BOX BASE (IF APPLICABLE), SHOULD BE REMOVED AT SINK/ICE BIN CABINETS WITH FLOOR SINK LOCATED BELOW.

^^ BOX BASE TO BE PROVIDED AT SPECIFIC CABINETS WHEN REQUIRED BY JURISDICTIONAL CODE OR LOCAL OPERATOR PREFERENCE (NOTED AS "YES").



2 ADAPTABLE CASEWORK CABINET PLAN
Scale: 1/2" = 1'-0"

GENERAL NOTES

A. METAL COMPONENTS PROVIDED BY CASEWORK SUPPLIER UNLESS OTHERWISE NOTED.

B. DIEWALL TO BE INSTALLED PRIOR TO FLOORING MATERIAL INSTALLATION.

C. DIEWALL TO BE ANCHORED TO FLOOR WITH HARDWARE SUPPLIED BY CASEWORK VENDOR.

D. GC TO PROVIDE CONTINUOUS WALL BLOCKING BEHIND CASEWORK. GC TO INSTALL BLOCKING BETWEEN DIEWALL BASE.

E. CASEWORK FRAME AT BAR ENDS ARE SUPPORTED BY 90 DEGREE DIEWALL BASE.

F. ALL DIMENSIONS TAKEN FROM FRONTLINE DATUM POINT TO OUTSIDE CORNER OF DIEWALL BASE.

G. TOP EDGE OF DIEWALL FRAME TO BE INSTALLED AT 32 13/16" A.F.F. AT LOW POINT.

H. ALL DIMENSIONS ARE TO CENTER FOR CABINET FRAME UNLESS NOTED OTHERWISE.

KEYED NOTES

1. NITRO EQUIPMENT LOCATION.
2. INDICATES FOOD CASE.
3. NITROGEN GENERATOR UNDERCOUNTER.
4. CASEWORK SUPPLIER TO PROVIDE ADDITIONAL BACKER SUBSTRATE TO ALIGN AND CAP PANEL TO ADJACENT DOOR FACES.
5. ESPRESSO PUMP BELOW. MODIFY ADAPTABLE CASEWORK WITH PLYWOOD BACKING TO SECURE ESPRESSO PUMP. REFER TO SHEET I506/3 FOR MOUNTING DETAIL.
6. INSTALL CASEWORK, COUNTERTOPS, SHELVES, CUBBIES, FINISHES, TRIM AND TABLE TOPS THROUGHOUT. REFERENCE FINISH SCHEDULE AND MANUFACTURER'S SPECIFICATIONS FOR ADDITIONAL INFORMATION.
7. ALL COUNTERTOPS UTILIZED FOR CUSTOMER TRANSACTIONS, INCLUDING BAR, CONDIMENT AND SALES COUNTERTOPS SHALL BE INSTALLED AT 2'-10" (860 MM) MAXIMUM A.F.F.
8. FILLER FINISH PANEL TO BE SHIPPED LONGER THAN DIMENSIONED AND CUT TO FIT IN FIELD.
9. UPPER CASEWORK PANELS TO FRAME SPECIALTY EQUIPMENT AS INSTALLED ON WALL.
10. PASTRY THAW TRAY RACK UNDERCOUNTER.
11. INDICATES PASTRY TRAY CART.

0 1' 2' 4'
Scale: 1/2" = 1'-0"

N

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PROJECT NAME: BRIARCLIFF MANOR, NY

PROJECT ADDRESS: 107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #: 09369
PROJECT #: 26336-078
ISSUE DATE: 12-22-2023
DESIGN MANAGER: ANNIE SONG
ENGINEER OF RECORD: KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
ADAPTABLE CASEWORK CABINET PLAN
SCALE: AS SHOWN

SHEET NUMBER:
I105

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LEGEND

INDICATES STAINLESS STEEL (SST) COUNTERTOP

INDICATES **CP0005** SOLID SURFACE (SS) COUNTERTOP

ADAPTABLE CASEWORK COUNTERTOP SCHEDULE - "C"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
COUNTERTOP					
21919	1	COUNTERTOP - FILLER BACKBAR: BACKBAR (1) 0'-5" - FINISH: CP0005 - BLACK WITH FLECKS	SB	GC	PROVIDED BY CASEWORK VENDOR
21920	1	COUNTERTOP - FRONTBAR - 15IN 380MM - FINISH: CP0005 - BLACK WITH FLECKS	SB	GC	PROVIDED BY CASEWORK VENDOR
21923	2	COUNTERTOP - END CAP FRONTBAR: FRONT BAR (1) 0'-1 1/4" (1) 0'-3" - FINISH: CP0005 - BLACK WITH FLECKS	SB	GC	PROVIDED BY CASEWORK VENDOR
21928	2	COUNTERTOP - END CAP BACKBAR: BACK BAR (2) 0'-3" - FINISH: CP0005 - BLACK WITH FLECKS	SB	GC	PROVIDED BY CASEWORK VENDOR
22328	1	COUNTERTOP - BREW - LF - 90IN 2285MM - FINISH: CP0005 - BLACK WITH FLECKS	SB	GC	PROVIDED BY CASEWORK VENDOR
22352	1	COUNTERTOP - ESPRESSO FRONTBAR - LF - 141IN 3580MM - FINISH: CP0005 - BLACK WITH FLECKS	SB	GC	PROVIDED BY CASEWORK VENDOR
22354	1	COUNTERTOP - ESPRESSO SHROUD - 141IN 3580MM - FINISH: CP0005 - BLACK WITH FLECKS	SB	GC	PROVIDED BY CASEWORK VENDOR
22361	1	COUNTERTOP - POS - 84IN 2135MM - FINISH: CP0005 - BLACK WITH FLECKS	SB	GC	PROVIDED BY CASEWORK VENDOR
22385	1	COUNTERTOP - WARMING WITH RACK - RF - 110IN 2795MM - FINISH: CP0005 - BLACK WITH FLECKS	SB	GC	PROVIDED BY CASEWORK VENDOR
22390	1	COUNTERTOP - CONSOLIDATED HANDOFF - RF - 45IN 1145MM - FINISH: CP0005 - BLACK WITH FLECKS	SB	GC	PROVIDED BY CASEWORK VENDOR
22395	1	COUNTERTOP - HAND SINK LOW SPLASH - 15IN 380MM - FINISH: METAL - STAINLESS STEEL - BRUSHED	SB	GC	PROVIDED BY CASEWORK VENDOR
X23403	1	COUNTERTOP - CBE IN-LINE RF - 139IN 3530MM - FINISH: CP0005 - BLACK WITH FLECKS	SB	GC	PROVIDED BY CASEWORK VENDOR

KEYED NOTES

1. CASEWORK FRAME BELOW.
2. LOCATE WATER TROUGH AT EDGE OF COUNTERTOP AS SHOWN.
3. RAISED EDGE GROMMETS.
4. CORIAN SHROUD AT ESPRESSO BAR.
5. CUT OUT FOR RECESSED SINK, ICE BIN OR TRASH DROP. SEE EQUIPMENT AND/OR MANUFACTURER'S CUTSHEETS FOR DIMENSIONS.
6. INDICATES FOOD CASE.
7. INSTALL CASEWORK, COUNTERTOPS, SHELVES, CUBBIES, FINISHES, TRIM AND TABLE TOPS THROUGHOUT. REFERENCE FINISH SCHEDULE AND MANUFACTURER'S SPECIFICATIONS FOR ADDITIONAL INFORMATION.
8. ALL COUNTERTOPS UTILIZED FOR CUSTOMER TRANSACTIONS, INCLUDING BAR, CONDIMENT AND SALES COUNTERTOPS SHALL BE INSTALLED AT 2'-10" (860 MM) MAXIMUM A.F.F.
9. INDICATES PASTRY TRAY CART.

GENERAL NOTES

A. SEE SHEET I601 FOR COMPLETE CASEWORK SCHEDULE.

B. G.C.'S INSTALLER SHALL VERIFY COUNTER CHANNEL REQUIREMENTS PRIOR TO CUTTING IN FIELD.

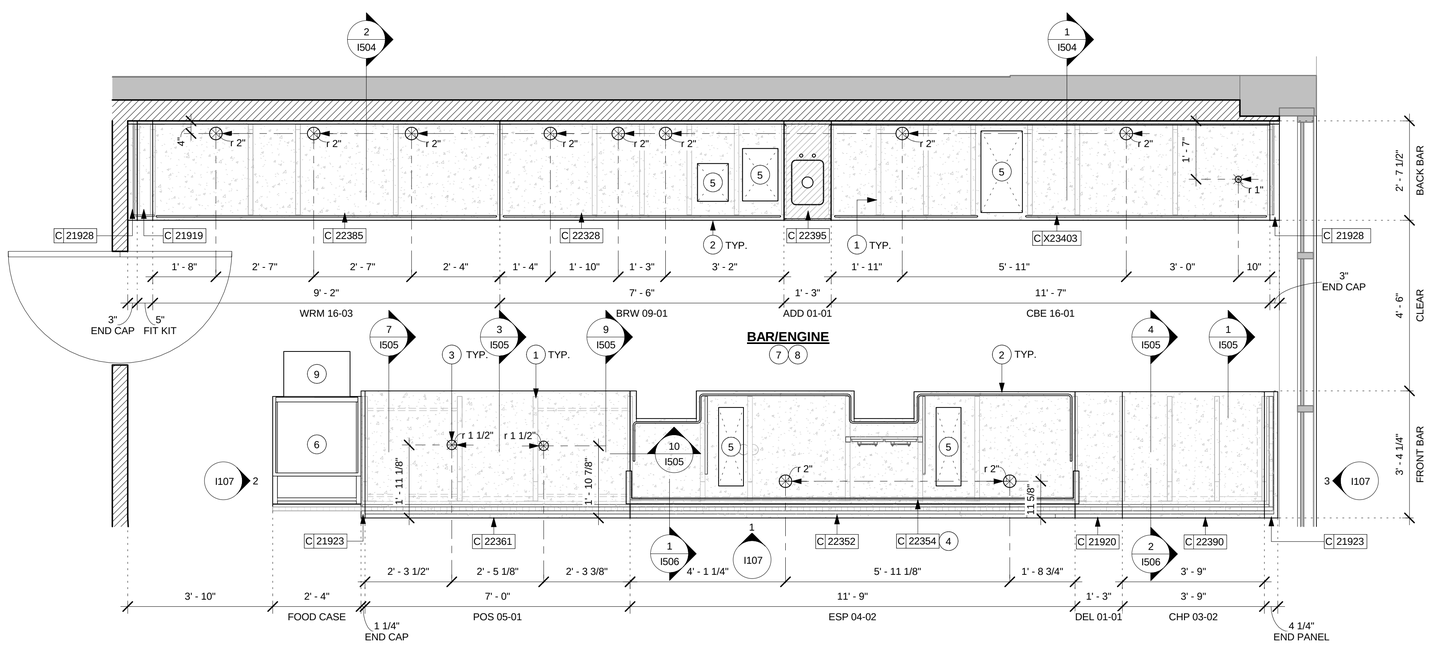
C. G.C./INSTALLER TO VERIFY COUNTERTOP SUPPORT CHANNEL MEASUREMENTS PRIOR TO CUTTING. FIELD CUT AT SINKS AND ICE BINS.

D. "C" CHANNEL MOUNTS OVER FRONT AND REAR INDEX BRACKETS WHICH ARE INSERTED INTO FRAMEWORK.

E. SILICONE SEAM AT TRANSITION FROM COUNTERTOP TO HAND SINKS.

F. SILICONE AND SEAL ALL SEAMS BETWEEN SINKS, EQUIPMENT AND COUNTERTOPS.

G. ONCE COUNTERTOP IS SET, LEVELED AND SEAMED, SECURE CHANNEL TO UNDERSIDE OF SUBSTRATE.



1 ADAPTABLE CASEWORK COUNTERTOP PLAN

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

0 1' 2' 4'

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

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PROJECT ADDRESS: 107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #: 09369
PROJECT #: 26336-078
ISSUE DATE: 12-22-2023
DESIGN MANAGER: ANNIE SONG
ENGINEER OF RECORD: KLH ENGINEERS

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Rev	Date	By	Description

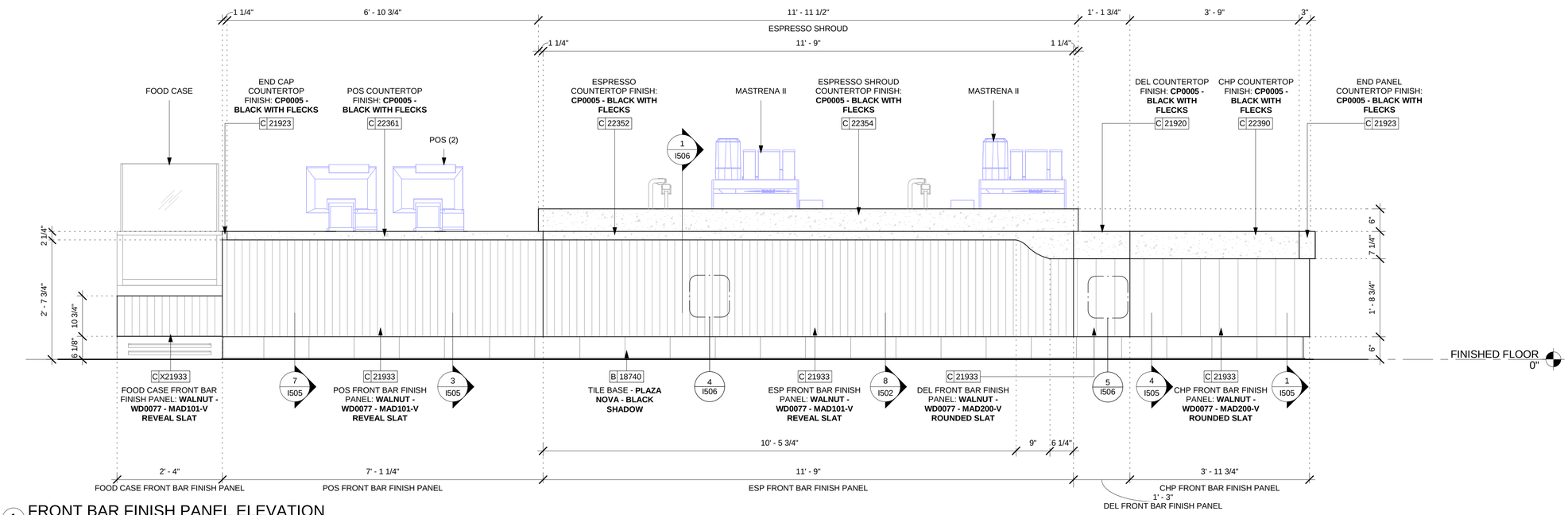
SHEET TITLE:
ADAPTABLE CASEWORK COUNTERTOP PLAN
SCALE: AS SHOWN

SHEET NUMBER:
I106

GENERAL NOTES

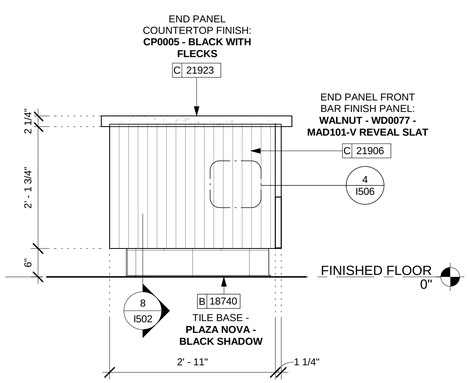
A. ALL WOOD SURFACES (DOORS, TRIM, SHELVES, CABINETRY) SHALL BE SEALED.

B. REFER TO CASEWORK FINISH SCHEDULE I601 AND CASEWORK PLAN ON SHEET I103 FOR CASEWORK FINISH MATERIAL INFORMATION.



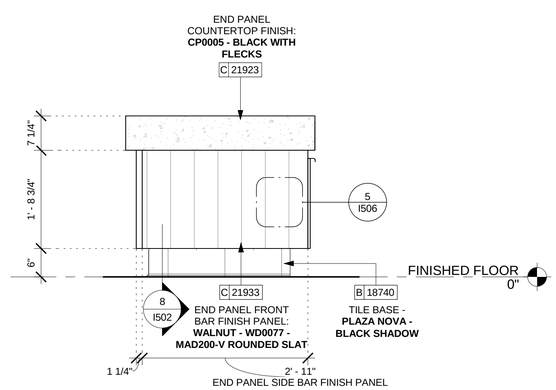
1 FRONT BAR FINISH PANEL ELEVATION

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



2 FRONT BAR FINISH PANEL SIDE ELEVATION - POS

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



3 FRONT BAR FINISH PANEL SIDE ELEVATION - HOP

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

0 1' 2' 3'

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

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DESIGN MANAGER:	ANNIE SONG
ENGINEER OF RECORD:	KLH ENGINEERS

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ADAPTABLE CASEWORK ELEVATIONS
SCALE: AS SHOWN

SHEET NUMBER:
I107

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LEGEND

- ELEVATION DATUM
- NEW WHITE RECESSED TROFFER LIGHT
- EMERGENCY LIGHT DOUBLE
- NEW RECESSED POP-UP EMERGENCY LIGHT
- NEW STRIP LED TAPE
- NEW CAN LED ADJUSTABLE RECESSED
- NEW TRACK LIGHT
- NEW TRACK LED FIXTURE
- PENDANT LIGHT
- NEW IN-CEILING SPEAKER
- NEW 360 SECURITY CAMERA
- R RELOCATED EXIT SIGN WITH EMERGENCY LIGHTS COMBO
- R RELOCATED TRACK
- R RELOCATED SPRINKLER
- R RELOCATED SMOKE DETECTOR
- R RELOCATED WIFI ROUTER
- R RELOCATED 360 SECURITY CAMERA
- R RELOCATED RETURN AIR
- R RELOCATED SUPPLY AIR
- EX EXISTING CEILING LINEAR BOX LIGHT
- EX EXISTING EXIT SIGN WITH EMERGENCY LIGHTS COMBO
- EX EXISTING WALL EMERGENCY LIGHT
- EX EXISTING EXTERIOR WALL SCONCE
- EX EXISTING RESTROOM WALL SCONCE
- EX EXISTING RECESSED CAN
- EX EXISTING SPRINKLER
- EX EXISTING LIFE SAFETY SYSTEM
- EX EXISTING RETURN AIR
- EX EXISTING SUPPLY AIR
- EXISTING 1X1FT SQUARE EXHAUST REGISTER
- NEW 2X2FT SQUARE EXHAUST REGISTER
- NEW 1X1FT SQUARE SUPPLY DIFFUSER
- NEW 1X1FT SQUARE EXHAUST REGISTER
- NEW LINEAR SLOT DIFFUSER
- NEW OCCUPANCY / MOTION SENSOR
- NEW 24"X36" RETURN DIFFUSER

KEYED NOTES

1. EXISTING EXIT SIGN WITH EMERGENCY LIGHT TO REMAIN AS INDICATED ABOVE SERVICE DOOR.
2. NEW LOCATION OF EXISTING EXIT SIGN WITH EMERGENCY LIGHTS **COMBO IN WHITE & RED** TO REMAIN AS INDICATED ABOVE PRIMARY EGRESS DOOR AND ELIASON DOOR.
3. EXISTING EXTERIOR WALL SCONCE **BRACKET** TO REMAIN AS INDICATED**.**
4. EXISTING EXTERIOR WALL EMERGENCY LIGHT TO REMAIN AS INDICATED.
5. EXISTING CAN - RECESSED HOUSING ADJUSTABLE TO REMAIN AS INDICATED AT CANOPY, RESTROOM AND STAIRS.
6. INSTALL RECESSED CAN LIGHT **- LED ADJUSTABLE RECESSED - BLACK** AT BAR AND CAFE AS SHOWN. SEE DIMENSIONAL INSTALL INFORMATION ON LIGHTING DIMENSION PLAN.
7. INSTALL **BLACK** WALL MOUNTED EMERGENCY LIGHT AS INDICATED. SEE INTERIOR FINISH ELEVATIONS FOR MORE INFORMATION ON MOUNTING HEIGHT.
8. INSTALL RECESSED TROFFER LIGHT IN WORKROOM AS SHOWN.
9. EXISTING CEILING LINEAR BOX LIGHT TO REMAIN AS INDICATED IN WORKROOM.
10. INSTALL CONCEALED EMERGENCY LIGHTS INTO CAFE AND BAR CEILING AS INDICATED. GC TO COLORCOAT TO MATCH ADJACENT SCHEDULED CEILING FINISH.
11. EXISTING WALL SCONCE IN RESTROOM TO REMAIN AS INDICATED.
12. INSTALL STRIP - **LED TAPE IN HOUSING** IN SOFFIT/CEILING COVE AND UNDER FRONT BAR COUNTERTOP. SEE CEILING DETAILS FOR MORE INFORMATION ON MOUNTING HEIGHT.
13. INSTALL PENDANT LIGHT - **REJUVENATION CEDAR AND MOSS** AS INDICATED. SEE CEILING DETAILS FOR MORE INFORMATION ON MOUNTING HEIGHT.
14. INSTALL NEW TRACK LIGHTS - **BLACK** - AT CAFE CEILING AS INDICATED.
15. NEW LOCATION OF EXISTING TRACK - **BLACK** - AS INDICATED AT CAFE CEILING.
16. INSTALL NEW TRACK LED FIXTURE - **BLACK** - AT RELOCATED AND NEW TRACKS AT CAFE CEILING AS INDICATED.
17. GYP. BD. SOFFIT/CEILING WITH SMOOTH FINISH AT BAR/ENGINE, CAFE AND BAR CEILING COVE PAINT **SW7019 GAUNTLET GREY.** SEE CEILING DETAILS FOR MORE INFORMATION.
18. EXISTING GYP. BD. SOFFIT/CEILING IN RESTROOM AND STAIRS TO REMAIN AS INDICATED.
19. ACOUSTICAL CEILING TILE AS SCHEDULED AT CAFE PAINT **SW7047 PORPOISE.** SEE CEILING DETAILS FOR MORE INFORMATION
20. WASHABLE CEILING TILE AT WORKROOM AS SCHEDULED.
21. EXISTING WASHABLE CEILING TILE AT WORKROOM TO REMAIN AS INDICATED.
22. EXISTING CANOPY AS INDICATED AT STOREFRONT. SEE BUILDING EXTERIOR ELEVATIONS FOR MORE INFORMATION.
23. NEW LOCATION OF EXISTING SECURITY CAMERA MOUNTED DIRECTLY TO SOFFIT/ CEILING AS INDICATED. AIM AT POS STATION, VENDOR TO VERIFY FINAL LOCATION PER SYSTEM REQUIREMENTS.
24. NEW LOCATION OF EXISTING SECURITY CAMERA MOUNTED DIRECTLY TO SOFFIT/ CEILING AS INDICATED. AIM AT UNDERCOUNTER SAFE, VENDOR TO VERIFY FINAL LOCATION PER SYSTEM REQUIREMENTS.
25. SECURITY CAMERA MOUNTED DIRECTLY TO SOFFIT / CEILING. AIM AT MANAGER'S DESK, VENDOR TO VERIFY FINAL LOCATION PER SYSTEM REQUIREMENTS.
26. SECURITY CAMERA MOUNTED DIRECTLY TO SOFFIT / CEILING. AIM AT MEANS OF EGRESS, VENDOR TO VERIFY FINAL LOCATION PER SYSTEM REQUIREMENTS.
27. NEW LOCATION OF EXISTING SECURITY CAMERA MOUNTED DIRECTLY TO SOFFIT / CEILING AS INDICATED. AIM AT MEANS OF EGRESS, VENDOR TO VERIFY FINAL LOCATION PER SYSTEM REQUIREMENTS.
28. CEILING TILE INSTALLATION START POINT WHERE INDICATED.
29. INSTALL **BLACK** IN-CEILING SPEAKERS AS INDICATED.
30. EXISTING AIR CURTAIN WITH HEATER AT STOREFRONT DOOR TO REMAIN AS INDICATED.
31. EXISTING SIGN - DISK DF ILLUMINATED SUSPENDED EVOLVED MOUNT DIRECTLY TO SOFFIT/CEILING TO REMAIN AS INDICATED. REFASTEN TO NEW CEILING AND INCLUDE POWER/BLOCKING AS REQUIRED.
32. EXISTING ROLLER SHADE AT STOREFRONT WINDOWS TO REMAIN AS INDICATED.
33. NEW LOCATION OF EXISTING STB SPRINKLERS, FINAL LOCATIONS TO BE DETERMINED BY GC SPRINKLER SUBCONTRACTOR.
34. NEW LOCATION OF EXISTING WIFI ROUTER AS INDICATED.
35. EXISTING STB SPRINKLERS TO REMAIN AS INDICATED.
36. NEW LOCATION OF EXISTING SMOKE DETECTOR AS INDICATED.
37. INSTALL AIR CURTAIN WITH HEATER PER JURISDICTIONAL REQUIREMENTS AT REAR SERVICE DOOR AS INDICATED.
38. EXISTING SMOKE DETECTOR TO REMAIN AS INDICATED.
39. EXISTING HVAC SQUARE SUPPLY DIFFUSER IN WORKROOM TO REMAIN AS INDICATED.
40. EXISTING HVAC SQUARE RETURN REGISTER IN WORKROOM TO REMAIN AS INDICATED.
41. NEW LOCATION OF EXISTING HVAC SQUARE SUPPLY DIFFUSER IN WORKROOM AND CAFE AS INDICATED.
42. NEW LOCATION OF EXISTING HVAC SQUARE RETURN REGISTER IN CAFE AS INDICATED.
43. NEW HVAC SQUARE RETURN REGISTER GRILLE IN WORKROOM AS INDICATED.
44. NEW HVAC SQUARE SUPPLY REGISTER GRILLE IN WORKROOM AS INDICATED.
45. NEW OCCUPANCY SENSOR. REFER TO ELECTRICAL DRAWINGS FOR DETAILS.
46. EXISTING BATHROOM EXHAUST FAN TO REMAIN.
47. NEW EXHAUST FAN. REFER TO MECHANICAL DRAWINGS FOR DETAILS.

GENERAL NOTES

A. REFERENCE LOW VOLTAGE PLAN SHEET AND ELECTRICAL DRAWINGS.

B. IF REQUIRED BY LOCAL CODE, GENERAL CONTRACTOR TO PROVIDE SEMI-RECESSED SPRINKLER HEADS WITH POLISHED CHROME ESCUTCHEONS CENTERED IN ACOUSTICAL CEILING TILE. IF PENDANT HEADS ARE REQUIRED IN GWB SOFFIT OVER FRONT BAR, CONCEAL SUPPLY PIPING WITHIN SOFFIT. GENERAL CONTRACTOR TO SUBMIT SPRINKLER LAYOUT TO STARBUCKS' CONSTRUCTION MANAGER FOR APPROVAL PRIOR TO INSTALLATION.

C. LEAVE TEN (10) ADDITIONAL RETAIL CEILING TILES TO MATCH RETAIL CEILING PAINT COLOR ABOVE THE WORKROOM CEILING AT MANAGER'S DESK FOR FUTURE USE.

D. PROVIDE GROMMET AT ACOUSTIC CEILING PENETRATIONS FOR FIXTURES OF SUPPORTS.

E. HEATING, VENTILATING AND AIR CONDITIONING SHOWN ON THIS PLAN PROVIDED FOR REFERENCE ONLY. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

F. DIFFUSERS AND RETURNS IN ACOUSTICAL CEILING TILE TO BE CENTERED IN TILE AND PAINTED TO MATCH ADJACENT FINISHES (TYP.).

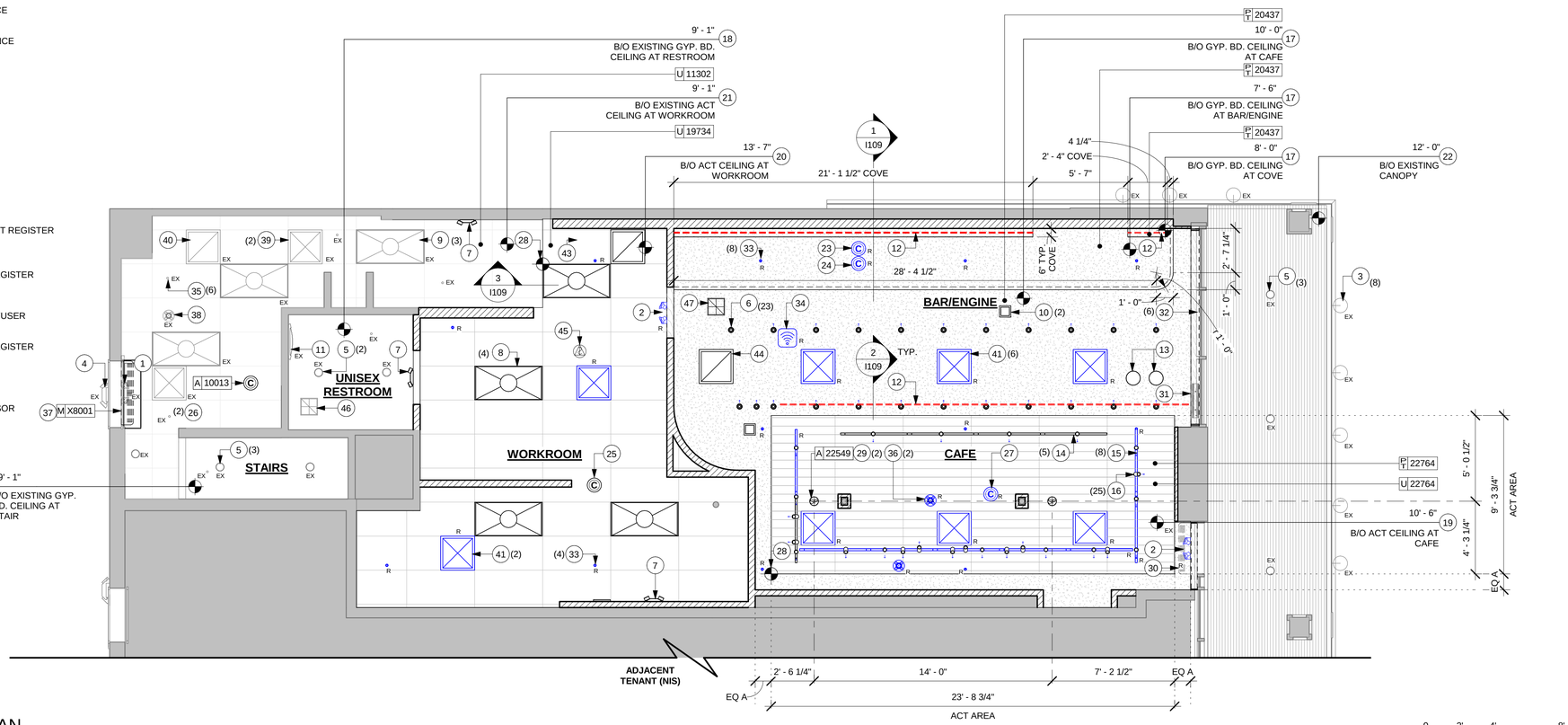
G. PAINT ALL EXPOSED HVAC DUCTS, HVAC DIFFUSERS, LIGHT TRIM RINGS, PIPING, CONDUIT AND JUNCTION BOXES THE SAME COLOR AS SPECIFIED ON SURROUNDING CEILING OR SOFFIT UNLESS OTHERWISE NOTED. TYPICAL THROUGHOUT RETAIL AREA OF STORE.

H. PAINT SUBSTITUTIONS ARE NOT ALLOWED. USE STARBUCKS' NATIONAL ACCOUNT 'COLOR CODE' WHEN ORDERING PAINTS.

I. DATA CABLING ABOVE HEAD SHALL BE IN PLENUM WHEN AVAILABLE.

J. DATA CABLING AT EXPOSED CEILING SHALL BE INSTALLED IN METAL CONDUIT OR PER LOCAL CODE REQUIREMENT.

SPRINKLER SCOPE SHOWN FOR DESIGN INTENT ONLY. SEPARATE PERMIT APPLICATION TO BE FILED BY GC AS REQUIRED.



1 REFLECTED CEILING PLAN

Scale: 1/4" = 1'-0"

0 2' 4' 8'

Scale: 1/4" = 1'-0"

N

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PROJECT NAME: BRIARCLIFF MANOR, NY

PROJECT ADDRESS: 107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #:	09369
PROJECT #:	26336-078
ISSUE DATE:	12-22-2023
DESIGN MANAGER:	ANNIE SONG
ENGINEER OF RECORD:	KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE: REFLECTED CEILING PLAN

SCALE: AS SHOWN

SHEET NUMBER: I108

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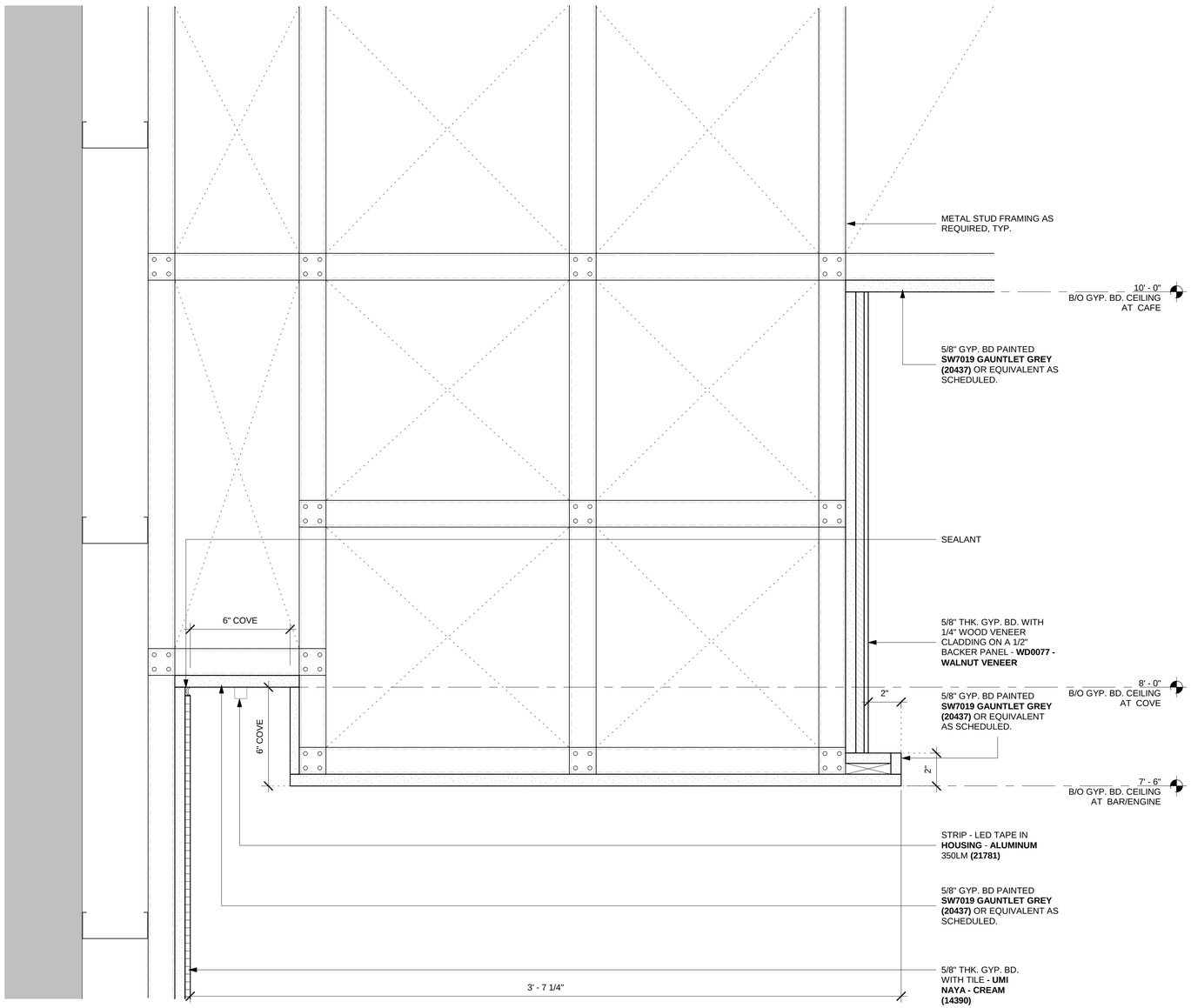
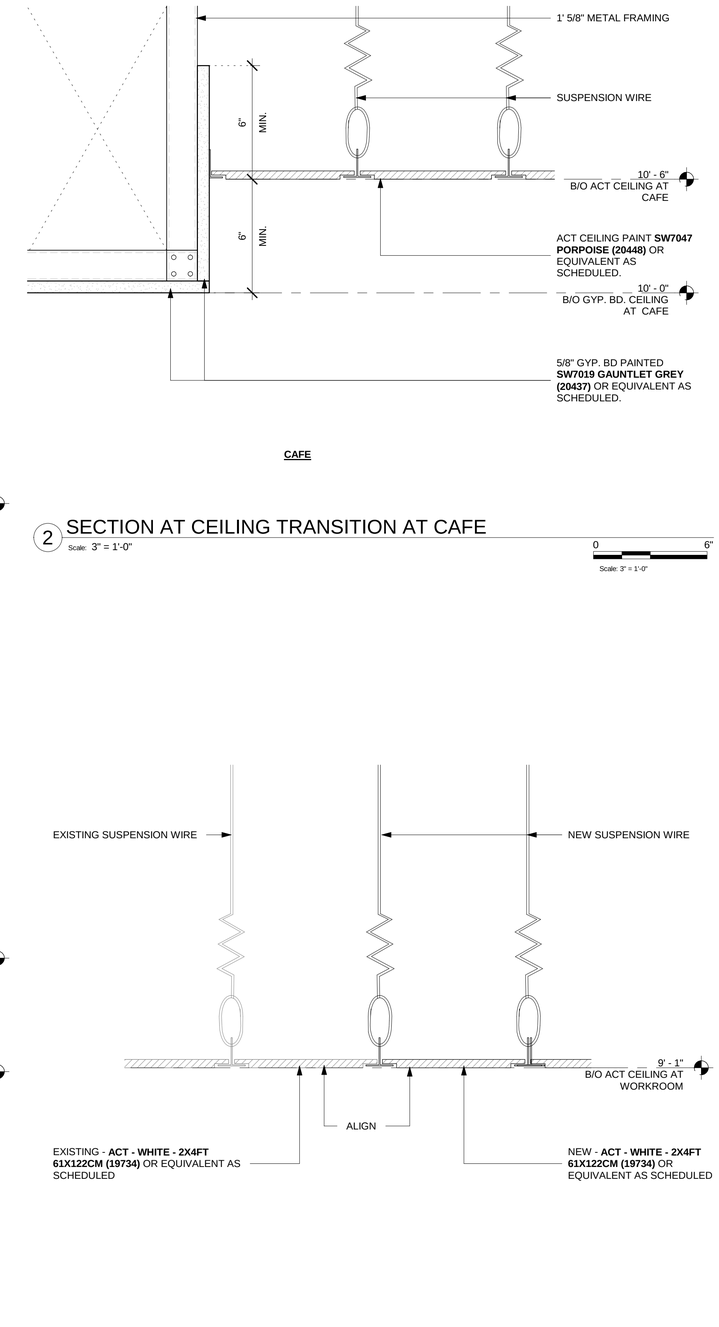


1 SECTION AT COVE AT BAR /ENGINE

Scale: 3" = 1'-0"

0 6"

Scale: 3" = 1'-0"



2 SECTION AT CEILING TRANSITION AT CAFE

Scale: 3" = 1'-0"

0 6"

Scale: 3" = 1'-0"

3 SECTION AT CEILING TRANSITION AT WORKROOM

Scale: 3" = 1'-0"

0 6"

Scale: 3" = 1'-0"

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PROJECT ADDRESS:
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STORE #:	09369
PROJECT #:	26336-078
ISSUE DATE:	12-22-2023
DESIGN MANAGER:	ANNIE SONG
ENGINEER OF RECORD:	KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
CEILING DETAILS

SCALE: AS SHOWN

SHEET NUMBER:
I109

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LEGEND

F1		L 22401	TRACK - LED FIXTURE WITH SNOOT - 3IN 75MM - BLACK - 1100LM WIDE FLOOD
F2		L 21779	TRACK - LED FIXTURE WITH SNOOT - 3IN 75MM - BLACK - 1100LM FLOOD
F3		L 12946	TRACK - WITH CONNECTORS - 4FT 122CM - BLACK - 1 CIRCUIT
F4		L 21771	CAN - LED ADJUSTABLE RECESSED - 3IN 75MM - BLACK - 800LM FLOOD
F5		L 21781	STRIP - LED TAPE IN HOUSING - VARIABLE LENGTH - ALUMINUM - 350LM PER FT
F6		L X7001	RECESSED POP-UP EMERGENCY LIGHT - 8INX8IN SQUARE - WHITE
F7		L 20774	PENDANT - REJUVENATION CEDAR AND MOSS - 10IN 255MM - OILED BRONZE
F8		L 19057	EXIT - LED EMERGENCY LIGHT DOUBLE - BLACK
F9		L 21783	TROFFER - LED RECESSED - 24X48IN 600X1200MM - WHITE - 4300LM

R	LED EXIT SIGN WITH EMERGENCY LIGHTS - COMBO
R	TRACK - WITH CONNECTORS - 4FT 122CM - BLACK - 1 CIRCUIT
EX	LED EXIT SIGN WITH EMERGENCY LIGHTS - COMBO IN WHITE & RED
EX	LINEAR BOX - LED RECESSED - 24X48IN 600X1200MM
EX	EXTERIOR WALL SCONCE - BRACKET
EX	SCONCE - RESTROOM VANITY BOWED - SATIN NICKEL
EX	CAN - RECESSED HOUSING ADJUSTABLE - 5IN 125MM
EX	EXISTING WALL EMERGENCY LIGHT

KEYED NOTES

1. EXISTING EXIT SIGN WITH EMERGENCY LIGHT TO REMAIN AS INDICATED ABOVE SERVICE DOOR.
2. NEW LOCATION OF EXISTING EXIT SIGN WITH EMERGENCY LIGHTS **COMBO IN WHITE & RED** TO REMAIN AS INDICATED ABOVE PRIMARY EGRESS DOOR AND ELIASON DOOR.
3. EXISTING EXTERIOR WALL SCONCE **BRACKET** TO REMAIN AS INDICATED**.**
4. EXISTING EXTERIOR WALL EMERGENCY LIGHT TO REMAIN AS INDICATED.
5. EXISTING CAN - RECESSED HOUSING ADJUSTABLE TO REMAIN AS INDICATED AT CANOPY, RESTROOM AND STAIRS.
6. INSTALL RECESSED CAN LIGHT **- LED ADJUSTABLE RECESSED - BLACK** AT BAR AND CAFE AS SHOWN. SEE DIMENSIONAL INSTALL INFORMATION ON LIGHTING DIMENSION PLAN.
7. INSTALL **BLACK** WALL MOUNTED EMERGENCY LIGHT AS INDICATED. SEE INTERIOR FINISH ELEVATIONS FOR MORE INFORMATION ON MOUNTING HEIGHT.
8. INSTALL RECESSED TROFFER LIGHT IN WORKROOM AS SHOWN.
9. EXISTING CEILING TROFFER TO REMAIN AS INDICATED IN WORKROOM.
10. INSTALL CONCEALED EMERGENCY LIGHTS INTO CAFE AND BAR CEILING AS INDICATED. GC TO COLORCOAT TO MATCH ADJACENT SCHEDULED CEILING FINISH.
11. EXISTING WALL SCONCE IN RESTROOM TO REMAIN AS INDICATED.
12. INSTALL STRIP - **LED TAPE IN HOUSING** IN SOFFIT/CEILING COVE AND UNDER FRONT BAR COUNTERTOP. SEE CEILING DETAILS FOR MORE INFORMATION ON MOUNTING HEIGHT.
13. INSTALL PENDANT LIGHT - **REJUVENATION CEDAR AND MOSS** AS INDICATED. SEE CEILING DETAILS FOR MORE INFORMATION ON MOUNTING HEIGHT.
14. INSTALL NEW TRACK LIGHTS - **BLACK** - AT CAFE CEILING AS INDICATED.
15. NEW LOCATION OF EXISTING TRACK - **BLACK** - AS INDICATED AT CAFE CEILING.
16. INSTALL NEW TRACK LED FIXTURE - **BLACK** - AT RELOCATED AND NEW TRACKS AT CAFE CEILING AS INDICATED.

GENERAL NOTES

A. ALL FIXTURES IN WORKROOM, BACK AND FRONT LINE, ABOVE CONDIMENT CART, AND ANY OTHER AREAS WHERE EXPOSED FOOD, CLEAN EQUIPMENT OR UTENSILS, OR UNWRAPPED SINGLE SERVICE ITEMS WILL BE EXPOSED, SHALL HAVE SHATTERPROOF LAMPS IF THE FIXTURE IS NOT LENSED. ARCHITECT OF RECORD TO INCLUDE APPROPRIATE LAMPS/FIXTURES ON DRAWINGS AND SCHEDULES, AND COMPLY WITH ANY ADDITIONAL JURISDICTIONAL LIGHTING REQUIREMENT.

B. PROVIDE GROMMET AT ALL CEILING PENETRATIONS FOR FIXTURES/SUPPORTS.

C. ADJUST FOCUS OF ALL TRACK AND RECESSED DIRECTIONAL LIGHTING TO FULLY ILLUMINATE ALL ARTWORK, MENU BOARDS, AND MERCHANDISE BAYS, COORDINATE AIMING WITH OWNER.

D. CENTER EMERGENCY/EXIT LIGHTS ABOVE DOORS, UNLESS OTHERWISE NOTED. ADJUST FOCUS OF ALL TRACK AND RECESSED DIRECTIONAL LIGHTING TO FULLY ILLUMINATE ALL ARTWORK, MENU BOARDS, AND MERCHANDISE BAYS. COORDINATE AIMING WITH OWNER.

E. DIFFUSERS AND RETURNS IN ACOUSTICAL CEILING TILE TO BE CENTERED IN TILE AND PAINTED TO MATCH ADJACENT FINISHES (TYP.).

F. PAINT ALL EXPOSED HVAC DUCTS, HVAC DIFFUSERS, LIGHT TRIM RINGS, PIPING, CONDUIT AND JUNCTION BOXES THE SAME COLOR AS SPECIFIED ON SURROUNDING CEILING OR SOFFIT UNLESS OTHERWISE NOTED. TYPICAL THROUGHOUT RETAIL AREA OF STORE.

G. HEATING, VENTILATING AND AIR CONDITIONING SHOWN ON THIS PLAN PROVIDED FOR REFERENCE ONLY. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

H. REFERENCE LOW VOLTAGE PLAN SHEET AND ELECTRICAL DRAWINGS.

I. LEAVE TEN (10) ADDITIONAL RETAIL CEILING TILES TO MATCH RETAIL CEILING PAINT COLOR ABOVE THE WORKROOM CEILING AT MANAGER'S DESK FOR FUTURE USE.

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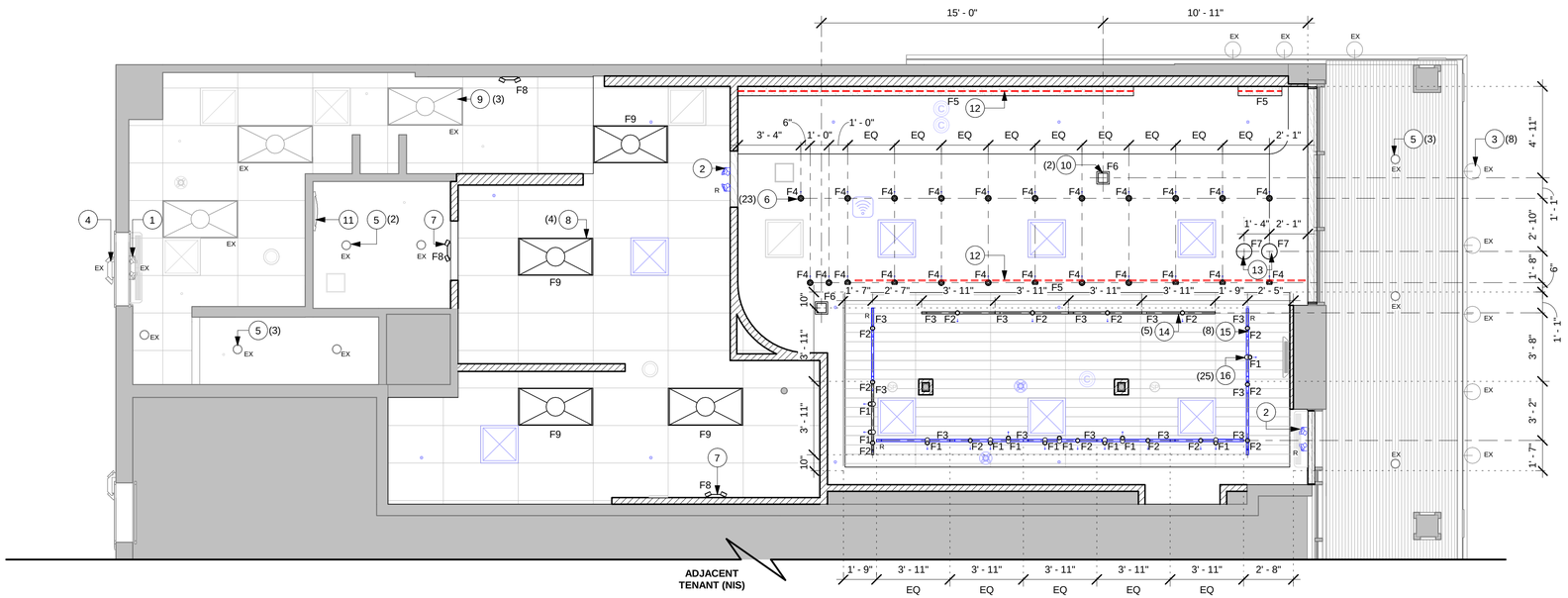

1 LIGHTING DIMENSION PLAN
Scale: 1/4" = 1'-0"

0 2' 4' 8'
Scale: 1/4" = 1'-0"

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PROJECT NAME:
BRIARCLIFF MANOR, NY

PROJECT ADDRESS:
107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #:	09369
PROJECT #:	26336-078
ISSUE DATE:	12-22-2023
DESIGN MANAGER:	ANNIE SONG
ENGINEER OF RECORD:	KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
LIGHTING DIMENSION PLAN
SCALE: AS SHOWN

SHEET NUMBER:
I110

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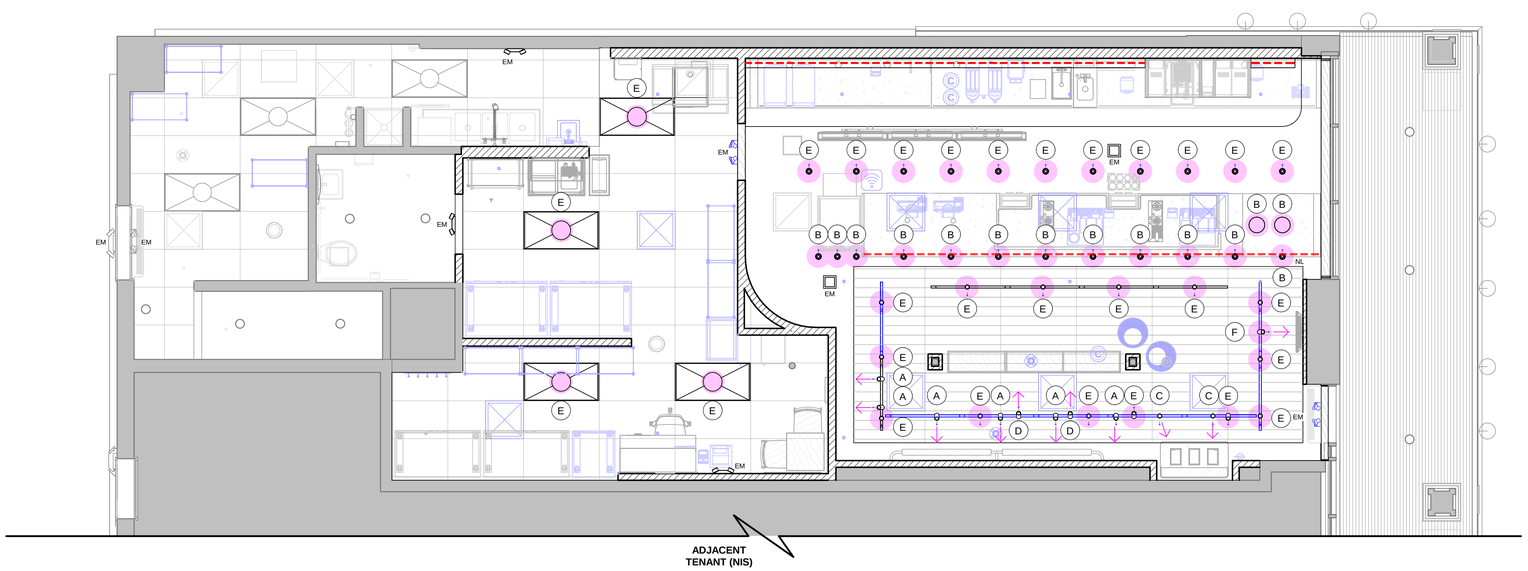
LEGEND

A	SPOT AT ARTWORK
B	SPOT AT COUNTERTOP / EQUIPMENT BELOW
C	SPOT AT CONDIMENT BELOW
D	SPOT AT MERCH BELOW
E	GENERAL LIGHTING
F	SPOT AT OSB
←	AIM DIRECTION
●	AIM DIRECTION (SPOT DOWN)
- - - -	STRIP LED TAPE
EM	EMERGENCY LIGHTING
NL	NIGHT LIGHTING



1 LIGHTING AIMING PLAN
Scale: 1/4" = 1'-0"

0 2' 4' 8'
Scale: 1/4" = 1'-0"

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STORE #:	09369
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ISSUE DATE:	12-22-2023
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ENGINEER OF RECORD:	KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
LIGHTING AIMING PLAN

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SHEET NUMBER:
I111

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LEGEND

INDICATES FLOOR TILE **(20228)** AT CAFE

INDICATES POLYVINYL FLOOR **(19795)** AT BAR, WORKROOM AND RESTROOM

INDICATES WALK OFF MAT **(19288)** AT MAIN ENTRY

A — INDICATES TILE BASE **(18740)** AT CAFE AND SALES RETAILS

B — INDICATES POLYVINYL BASE **(19795)** AT WORKROOM, BAR/ENGINE AND RESTROOM

C1 — INDICATES **CLEAR** PLASTIC CORNER GUARD **(10218)** ON CORNERS OF FRP WALL COVERING AS INDICATED AT WORKROOM.

C2 — INDICATES VERTICAL SCHLUTER JOLLY TILE EDGE TRIM - **BEIGE (X5002)** LOCATED AT BAR/ENGINE TILE TRANSITION.

C3 — INDICATES 3 SIDES OPENING METAL TRIM **MT0028 - FLAT BLACK POWDERCOAT (X5003)** AT WORKROOM ELIASON DOOR. SEE INTERIOR ELEVATIONS FOR MORE INFORMATION

C4 — INSTALL 3 SIDES OPENING WOOD TRIM **WD0077 - WALNUT (X5001)** AT STOREFRONT BAR. SEE INTERIOR ELEVATIONS FOR MORE INFORMATION.

C5 — INSTALL 2 SIDES OPENING WOOD TRIM **WD0077 - WALNUT (X5005)** AT STOREFRONT SIDELITE. SEE INTERIOR ELEVATIONS FOR MORE INFORMATION.

C6 — INSTALL 3 SIDES OPENING WOOD TRIM **WD0077 - WALNUT (X5006)** AT ENTRY DOOR. SEE INTERIOR ELEVATIONS FOR MORE INFORMATION.

KEYED NOTES

1. TILE START POINT WHERE INDICATED.
2. FLOOR SINK AND DRAIN LOCATION. SEE BUILDING FLOOR PENETRATION PLAN ON SHEET A102 AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
3. EXISTING FLOOR SINK AND DRAIN LOCATION TO REMAIN AS INDICATED.
4. EXISTING MOP SINK LOCATION TO REMAIN AS INDICATED. SEE BUILDING FLOOR PENETRATION PLAN ON SHEET A102 AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
5. RECESSED ELECTRICAL/PLUMBING. SEE BUILDING FLOOR PENETRATION PLAN ON SHEET A102 AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
6. EXISTING TOILET DRAIN LOCATION TO REMAIN AS INDICATED. SEE BUILDING FLOOR PENETRATION PLAN ON SHEET A102 AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
7. LIGHT SWITCH WITH OCCUPANCY SENSOR AT RESTROOM AS INDICATED.
8. LIGHT SWITCH/SWITCH BANK LOCATION AT WORKROOM. GC TO INSTALL FACEPLATE / COVER AS REQUIRED. SEE BUILDING FLOOR PENETRATION PLAN ON SHEET A102 AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
9. INSTALL FULL HEIGHT FRP - **WHITE** AT WORKROOM. SEE INTERIOR FINISH ELEVATIONS FOR MORE INFORMATION.
10. RECESSED WALKOFF MAT AT MAIN ENTRY. SEE DESIGN DETAILS FOR MORE INFORMATION.
11. EXISTING FULL HEIGHT FRP - **WHITE** AT WORKROOM TO REMAIN AS INDICATED**.**
12. INSTALL PLASTIC LAMINATE **PL0028 - BLACK** FROM 6" UP TO WINDOW TRIM AT BAR/ENGINE. SEE INTERIOR FINISH ELEVATIONS FOR MORE INFORMATION.
13. BAR DIEWALL AND BOX BASE CABINETS SET BEFORE FLOOR INSTALL, CABINETS ON SST LEGS AFTER FLOOR INSTALL AND UNDERCOUNTER CABINET LEGS SET AFTER FINISH INSTALLATION.
14. INSTALL FLOOR TRANSITION STRIP AT FLOOR TILE TO ECO-GRIP POLYVINYL FLOORING TRANSITION. SEE DESIGN DETAILS FOR MORE INFORMATION.
15. EXISTING STRUCTURAL COLUMN TO REMAIN AS INDICATED.
16. INSTALL WALL TILE **UMI NAYA - CREAM (14390)** ON BACK BAR WALL FROM TOP OF BACKSPLASH UP TO CEILING. FINISH BEHIND EXPOSED CABINETRY AND BELOW UNDERSIDE OF COUNTERTOP SUBSTRATE TO BE **WHITE FRP** WALL COVERING AS SCHEDULED. SEE INTERIOR FINISH ELEVATIONS FOR MORE INFORMATION.
17. INSTALL FULL HEIGHT WALL TILE **UMI NAYA - CREAM (14390)** AT BAR-ENGINE. SEE INTERIOR FINISH ELEVATIONS FOR MORE INFORMATION.
18. INSTALL WOOD CLADDING **WD0077 - WALNUT- REVEAL SLAT - VERTICAL MAD101-V (X9800)** MOUNTED FROM T/O DOOR OPENING UP TO CEILING AT BAR.
19. INSTALL WOOD WAINSCOT **WD0077 - WALNUT - REVEAL SLAT - VERTICAL MAD101-V (X9400)** MOUNTED FROM 6" UP TO 2'-8" A.F.F., WITH 2" WOOD CHAIR RAIL **WD0077 - WALNUT (X9401)** MOUNTED AT T/O WAINSCOT AT CAFE AND WOOD CLADDING **WD0077 - WALNUT- REVEAL SLAT - VERTICAL MAD101-V (X9800)** MOUNTED FROM TOP OF CHAIR RAIL UP TO CEILING AT CAFE.
20. INSTALL WOOD WAINSCOT **WD0077 - WALNUT - REVEAL SLAT - VERTICAL MAD101-V (X9400)** MOUNTED FROM 6" UP TO 2'-8" A.F.F., WITH 2" WOOD CHAIR RAIL **WD0077 - WALNUT (X9401)** MOUNTED AT T/O WAINSCOT AND WALL COVERING **ACCORD SHARK (21060)** FROM TOP OF CHAIR RAIL UP TO CEILING AT CAFE.
21. INSTALL WOOD WAINSCOT **WD0077 - WALNUT - REVEAL SLAT - VERTICAL MAD101-V (X9402)** MOUNTED FROM 6" UP TO 2'-4" A.F.F. AND PAINT SW7019 FROM T/O CHAIR RAIL UP TO CEILING AT CAFE.
22. INSTALL 3 SIDES OPENING 1/2" WOOD FLAT TRIM **WD0077 - WALNUT (X5006)** MOUNTED AT MAIN ENTRANCE DOOR AND WOOD CLADDING **WD0077 - WALNUT- REVEAL SLAT - VERTICAL MAD101-V (X9800)** MOUNTED FROM T/O WOOD FLAT TRIM TO CEILING AT CAFE.
23. EXISTING WALL OUTLETS TO REMAIN AS INDICATED.
24. INSTALL WALL OUTLET AS INDICATED.

GENERAL NOTES

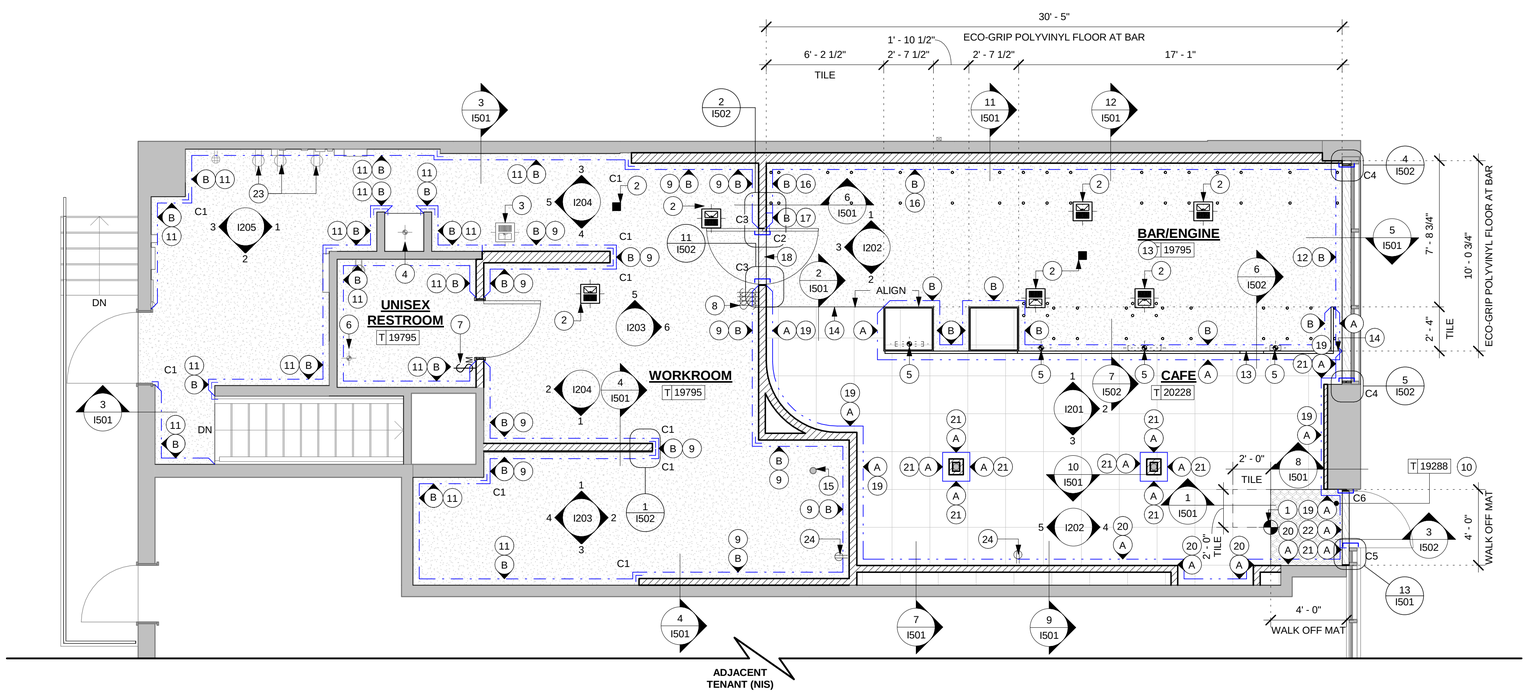
A. WORKROOM TO BE FINISHED PER LOCAL CODE REQUIREMENTS.

B. FLOORS, WALLS AND CEILING FINISHES IN FOOD PREPARATION AREAS SHALL BE SMOOTH, NON-TOXIC, NON-ABSORBENT, DURABLE AND EASILY CLEANABLE. PAINT SHALL BE WASHABLE; SEMI-GLOSS OR HIGH-GLOSS FINISH.

C. STARBUCKS TO SUPPLY FLOORING AND BASE FOR FRONT AND BACK OF HOUSE AS NOTED IN SCHEDULES. GENERAL CONTRACTOR TO INSTALL. GENERAL CONTRACTOR TO SUPPLY WORKROOM TILE AND BASE AND INSTALL. GENERAL CONTRACTOR TO SUPPLY AND INSTALL MORTAR, ADHESIVE, AND GROUT. GENERAL CONTRACTOR TO INSPECT ALL TILES AND REJECT DAMAGED OR SUBSTANDARD TILES PRIOR TO INSTALLATION.

D. ALIGN TILE TRANSITIONS ON WHOLE TILES AS SHOWN.

E. ALL FLOOR AND WALL JUNCTIONS IN STORAGE AND FOOD PREPARATION AREAS SHALL HAVE A 6" COVED BASE.



1 INTERIOR FINISH PLAN
Scale: 1/4" = 1'-0"

0 2' 4' 8'
Scale: 1/4" = 1'-0"

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STARBUCKS TEMPLATE VERSION i2021.04.23

REGISTERED ARCHITECT
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PROJECT NAME: BRIARCLIFF MANOR, NY

PROJECT ADDRESS: 107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #: 09369
PROJECT #: 26336-078
ISSUE DATE: 12-22-2023
DESIGN MANAGER: ANNIE SONG
ENGINEER OF RECORD: KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
INTERIOR FINISH PLAN

SCALE: AS SHOWN

SHEET NUMBER:
I112

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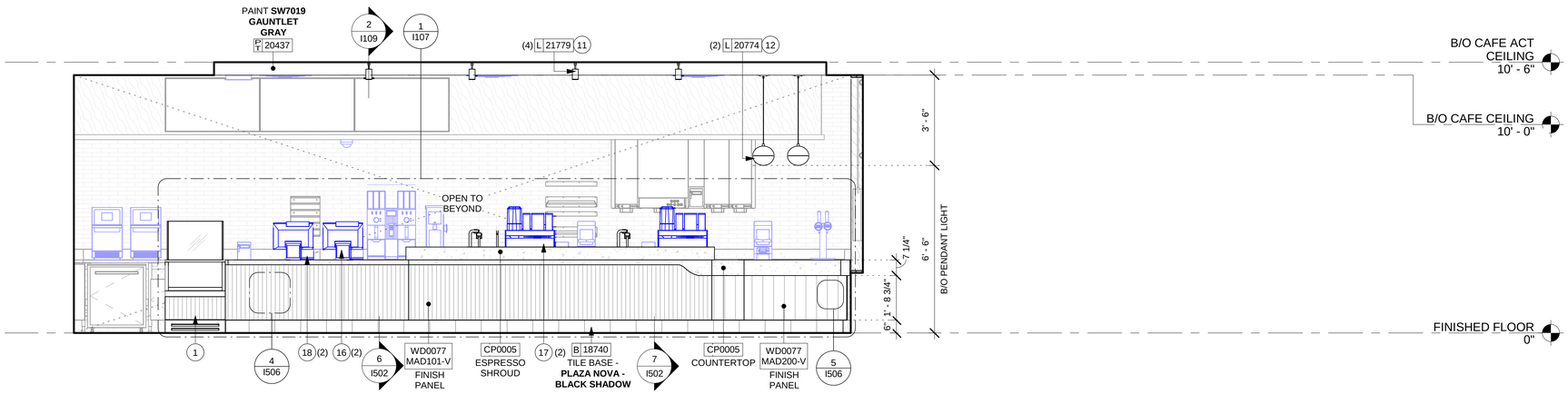
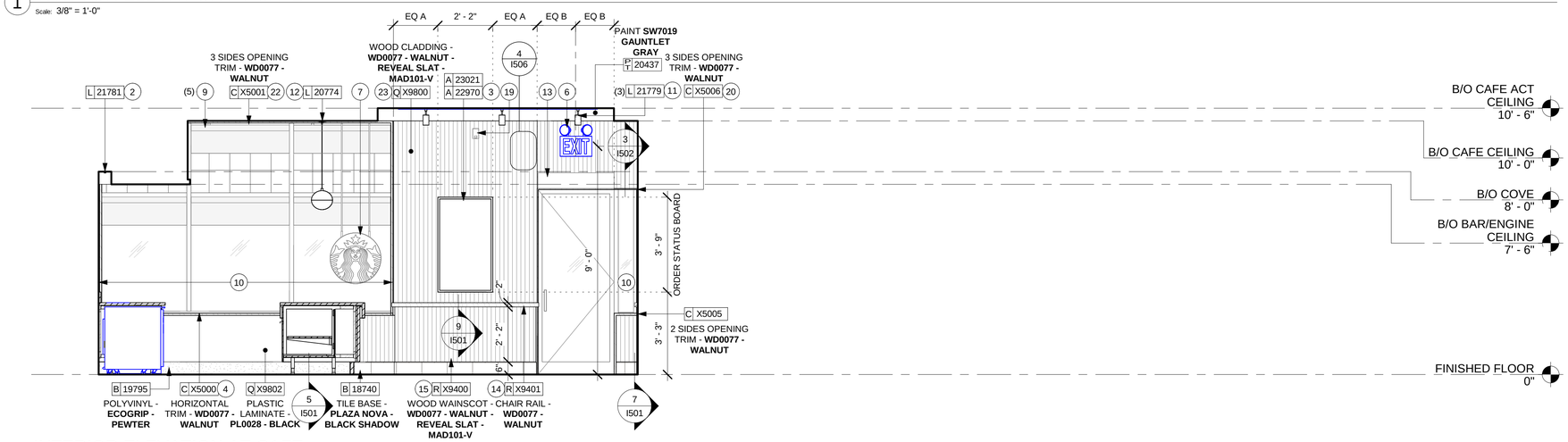


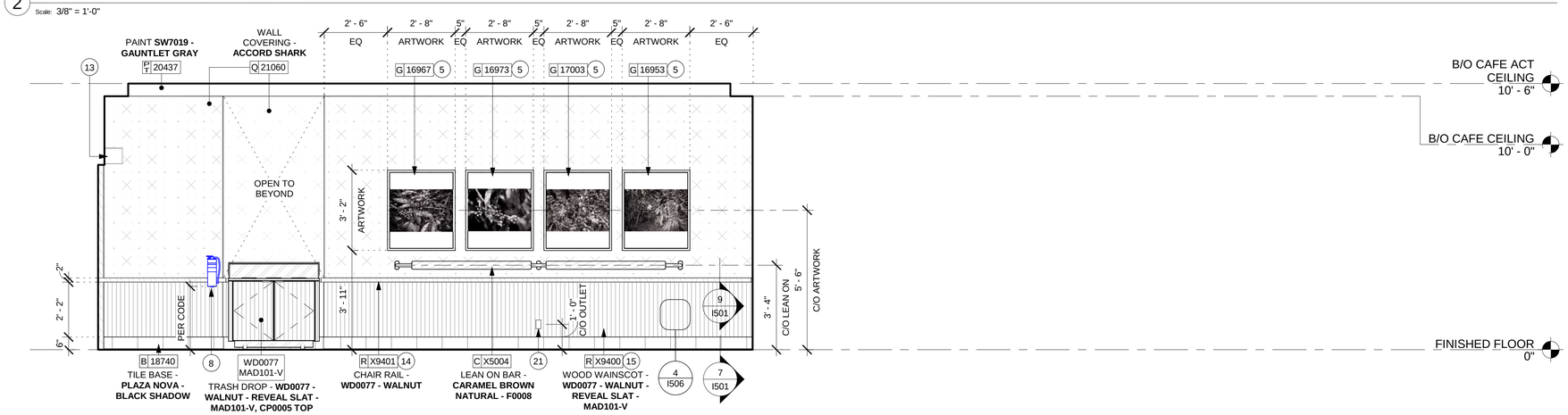
1 INTERIOR ELEVATION AT CAFE

Scale: 3/8" = 1'-0"



2 INTERIOR ELEVATION AT CAFE

Scale: 3/8" = 1'-0"



3 INTERIOR ELEVATION AT CAFE

Scale: 3/8" = 1'-0"

GENERAL NOTES

A. FOR GRAPHICS SCHEDULE, REFER TO THE FURNITURE, FIXTURES, AND EQUIPMENT (FF & E) SCHEDULES ON SHEET I602.

B. REFER TO MANUFACTURER'S INSTRUCTIONS INCLUDED WITH ARTWORK/GRAPHICS FOR PROPER INSTALLATION.

C. CHANGE PAINT COLOR ONLY AT INSIDE CORNERS UNLESS OTHERWISE INDICATED.

D. PAINT FINISHES SHALL BE APPLIED AS FOLLOWS, UNLESS NOTED OTHERWISE:
1) WOODS AND METAL SURFACES SHALL BE SEMI-GLOSS OR EQUAL.
2) ACCENT AND TRIM PAINTS TO BE SEMI-GLOSS OR EQUAL.
a. WALL AND CEILING PAINTS TO BE EGGSHELL OR EQUAL.
3) PAINTS IN BOH, RESTROOM(S) OR CAFE BAR SHALL BE SEMI-GLOSS OR EQUAL.

E. PAINT SUBSTITUTIONS ARE NOT ALLOWED. USE STARBUCKS NATIONAL ACCOUNT COLOR CODE WHEN ORDERING PAINTS.

F. FLOORS, WALLS AND CEILING FINISHES IN FOOD PREPARATION AREAS SHALL BE SMOOTH, NON-TOXIC, NON-ABSORBENT, DURABLE AND EASILY CLEANABLE. PAINT SHALL BE WASHABLE; SEMI-GLOSS OR HIGH GLOSS FINISH.

G. ALL WOOD SURFACES (DOORS, TRIM, SHELVES, CABINETRY) SHALL BE SEALED.

H. REFER TO CASEWORK FINISH SCHEDULE ON SHEET I601 FOR CASEWORK FINISH MATERIAL INFORMATION.

I. ALIGN TILE TRANSITIONS ON WHOLE TILES AS SHOWN.

J. ALL FLOOR AND WALL JUNCTIONS IN STORAGE AND FOOD PREPARATION AREAS SHALL HAVE A 6" COVED BASE.

K. ALL FOOD STORAGE SHALL BE 6" (150MM) A.F.F.

L. INSTALL BLOCKING AND HANGERS FOR WALL SHELVING BEFORE INSTALLING BACK BAR TILE.

M. GENERAL CONTRACTOR TO PROVIDE AND INSTALL WORKROOM WALL FINISHES.

KEYED NOTES

1. INSTALL FOOD CASE AS INDICATED.
2. INSTALL LED TAPE LIGHT **(21781)** ON CEILING COVE AS INDICATED. SEE CEILING DETAILS FOR MORE INFORMATION.
3. INSTALL ORDER STATUS BOARD AS INDICATED.
4. INSTALL HORIZONTAL TRIM **WD0077 - WALNUT** AT STOREFRONT AS INDICATED.
5. INSTALL ARTWORK AS INDICATED.
6. NEW LOCATION OF EXISTING EXIT SIGN WITH EMERGENCY LIGHTS AS INDICATED.
7. EXISTING SIGN - DISK DF ILLUMINATED SUSPENDED EVOLVED TO REMAIN AS INDICATED.
8. EXISTING FIRE EXTINGUISHER TO BE RELOCATED AS INDICATED.
9. EXISTING ROLLER SHADE - **DARK BROWN** - 5PC OPEN STOREFRONT AS INDICATED.
10. EXISTING STOREFRONT SYSTEM TO REMAIN AS-IS.
11. INSTALL TRACK - **LED FIXTURE WITH SNOOT - BLACK (21779)**. SEE REFLECTED CEILING PLAN (I108) FOR MORE INFORMATION.
12. INSTALL PENDANT LIGHT - **REJUVENATION CEDAR AND MOSS** AS INDICATED.
13. EXISTING AIR CURTAIN AS REQUIRED PER JURISDICTION TO REMAIN AS INDICATED.
14. INSTALL 1 1/2IN X 2IN WOOD CHAIR RAIL **WD0077 - WALNUT (X9401)** ABOVE WOOD WAINSCOT. SEE INTERIOR DETAILS FOR MORE INFORMATION.
15. INSTALL WOOD WAINSCOT - **WD0077 - WALNUT REVEAL SLAT - VERTICAL - MAD101-V (X9400).** SEE CASEWORK DETAILS FOR MORE INFORMATION.
16. NEW LOCATION OF EXISTING POS REGISTER AS INDICATED.
17. NEW LOCATION OF EXISTING ESPRESSO MACHINE AS INDICATED.
18. NEW LOCATION OF EXISTING POS PRINTER AS INDICATED.
19. EXISTING MOTION DETECTOR TO REMAIN AS INDICATED.
20. INSTALL 1/2" WOOD TRIM **WD0077 - WALNUT (X5006)** AS INDICATED.
21. INSTALL WALL DUPLEX OUTLET WITH BLACK FACE AND COVER PLATE AS INDICATED.
22. INSTALL 3 SIDES WOOD OPENING TRIM AROUND STOREFRONT WINDOW - **WD0077 - WALNUT (X5001)** AS INDICATED.
23. INSTALL WOOD CLADDING - **WD0077 - WALNUT REVEAL SLAT - VERTICAL - MAD101-V (X9800).** SEE CASEWORK DETAILS FOR MORE INFORMATION.

0 2' 4' 6'

Scale: 3/8" = 1'-0"

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PROJECT ADDRESS: 107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #:	09369
PROJECT #:	26336-078
ISSUE DATE:	12-22-2023
DESIGN MANAGER:	ANNIE SONG
ENGINEER OF RECORD:	KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
INTERIOR FINISH ELEVATIONS
SCALE: AS SHOWN

SHEET NUMBER:
I201

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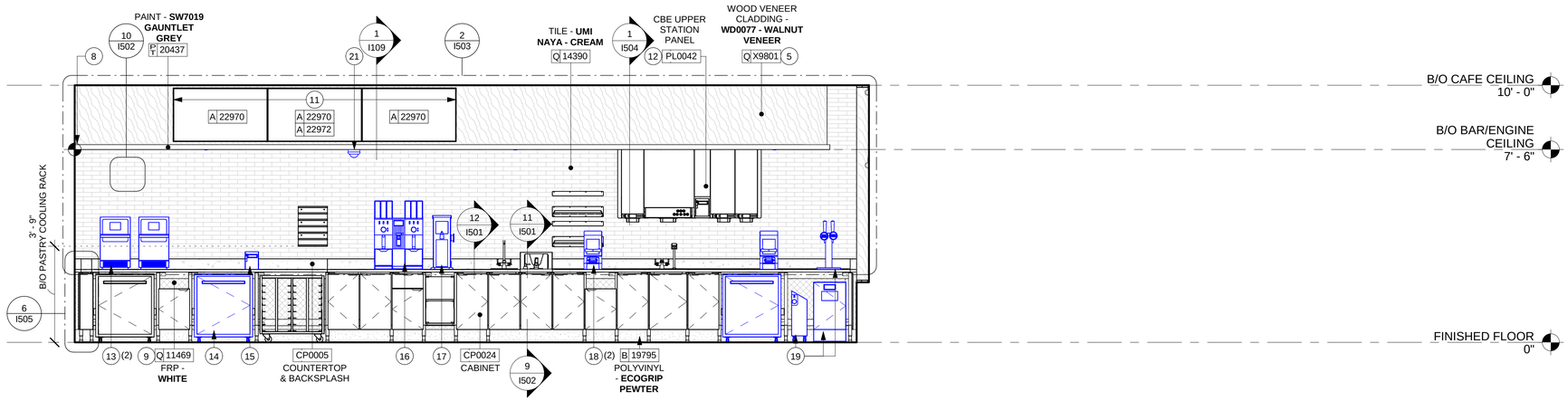
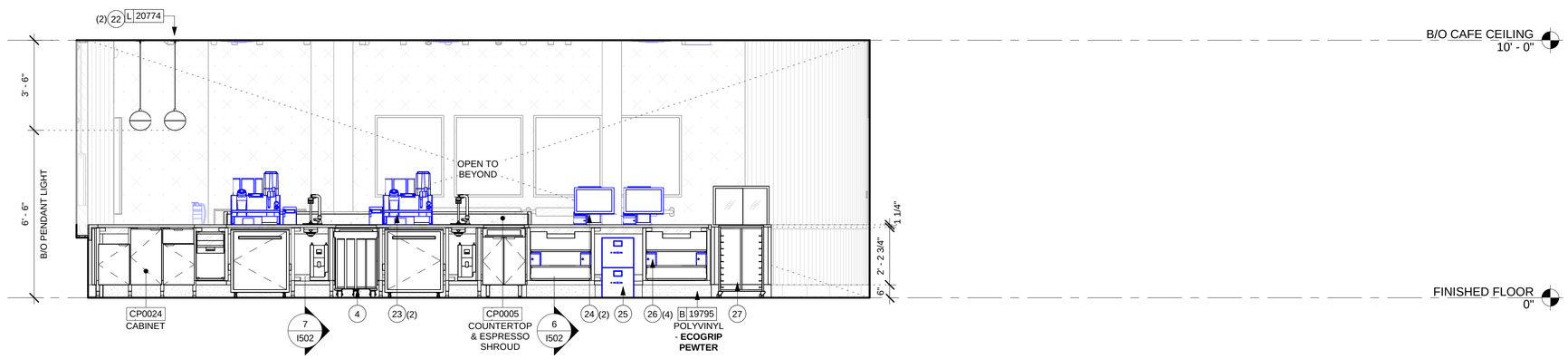
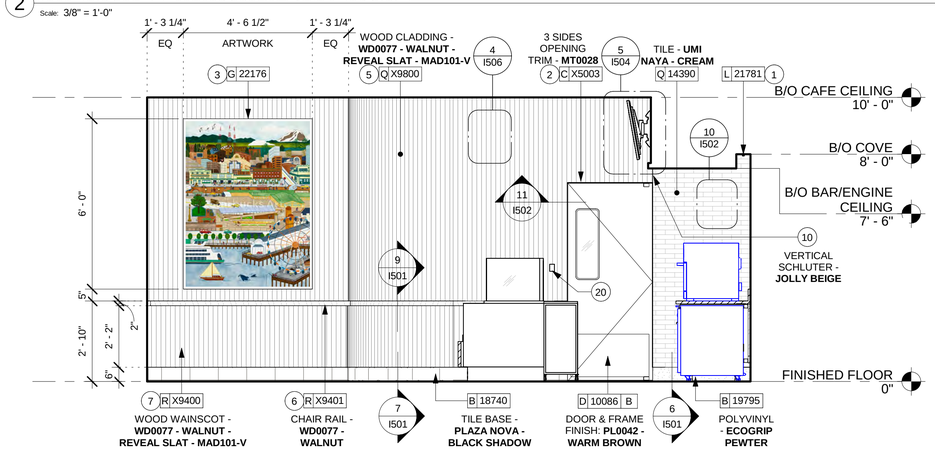


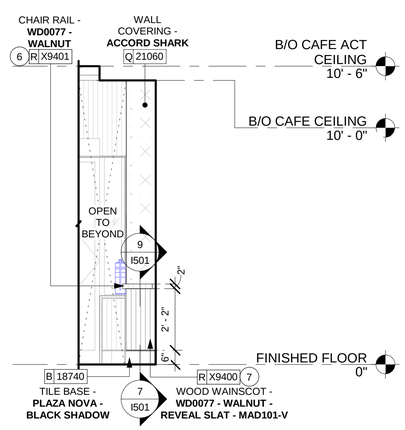
1 INTERIOR ELEVATION AT BAR/ENGINE
Scale: 3/8" = 1'-0"



2 INTERIOR ELEVATION AT BAR/ENGINE
Scale: 3/8" = 1'-0"



3 INTERIOR ELEVATION AT CAFE
Scale: 3/8" = 1'-0"



4 INTERIOR ELEVATION AT CAFE
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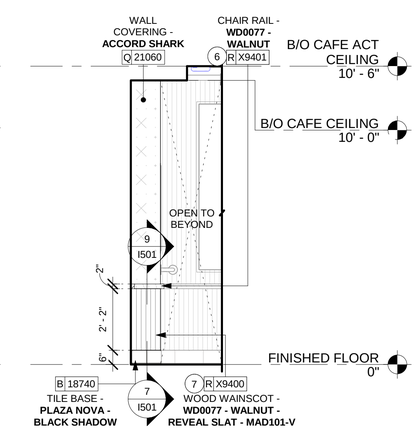

5 INTERIOR ELEVATION AT CAFE
Scale: 3/8" = 1'-0"

0 2' 4' 6'
Scale: 3/8" = 1'-0"

GENERAL NOTES

A. FOR GRAPHICS SCHEDULE, REFER TO THE FURNITURE, FIXTURES, AND EQUIPMENT (FF & E) SCHEDULES ON SHEET I602.

B. REFER TO MANUFACTURER'S INSTRUCTIONS INCLUDED WITH ARTWORK/GRAPHICS FOR PROPER INSTALLATION.

C. CHANGE PAINT COLOR ONLY AT INSIDE CORNERS UNLESS OTHERWISE INDICATED.

D. PAINT FINISHES SHALL BE APPLIED AS FOLLOWS, UNLESS NOTED OTHERWISE:
1) WOODS AND METAL SURFACES SHALL BE SEMI-GLOSS OR EQUAL.
2) ACCENT AND TRIM PAINTS TO BE SEMI-GLOSS OR EQUAL.
a. WALL AND CEILING PAINTS TO BE EGGSHELL OR EQUAL.
3) PAINTS IN BOH, RESTROOM(S) OR CAFE BAR SHALL BE SEMI-GLOSS OR EQUAL.

E. PAINT SUBSTITUTIONS ARE NOT ALLOWED. USE STARBUCKS NATIONAL ACCOUNT COLOR CODE WHEN ORDERING PAINTS.

F. FLOORS, WALLS AND CEILING FINISHES IN FOOD PREPARATION AREAS SHALL BE SMOOTH, NON-TOXIC, NON-ABSORBENT, DURABLE AND EASILY CLEANABLE. PAINT SHALL BE WASHABLE; SEMI-GLOSS OR HIGH GLOSS FINISH.

G. ALL WOOD SURFACES (DOORS, TRIM, SHELVES, CABINETRY) SHALL BE SEALED.

H. REFER TO CASEWORK FINISH SCHEDULE ON SHEET I601 FOR CASEWORK FINISH MATERIAL INFORMATION.

I. ALIGN TILE TRANSITIONS ON WHOLE TILES AS SHOWN.

J. ALL FLOOR AND WALL JUNCTIONS IN STORAGE AND FOOD PREPARATION AREAS SHALL HAVE A 6" COVED BASE.

K. ALL FOOD STORAGE SHALL BE 6" (150MM) A.F.F.

L. INSTALL BLOCKING AND HANGERS FOR WALL SHELVING BEFORE INSTALLING BACK BAR TILE.

M. GENERAL CONTRACTOR TO PROVIDE AND INSTALL WORKROOM WALL FINISHES.

KEYED NOTES

1. INSTALL LED TAPE LIGHT **(21781)** ON CEILING COVE AS INDICATED. SEE CEILING DETAILS FOR MORE INFORMATION.
2. INSTALL 3 SIDES METAL OPENING TRIM AROUND WORKROOM ELIASON DOOR - **MT0028 - BLACK POWDERCOAT (X5003)** AS INDICATED.
3. INSTALL ARTWORK AS INDICATED.
4. CUP DISPENSERS. SEE FF & E PLAN ON SHEET I101 FOR ADDITIONAL INFORMATION.
5. INSTALL WOOD CLADDING - **WD0077 - WALNUT REVEAL SLAT - VERTICAL - MAD101-V (X9800).** SEE CASEWORK DETAILS FOR MORE INFORMATION.
6. INSTALL 1 1/2IN X 2IN WOOD CHAIR RAIL **WD0077 - WALNUT (X9401)** ABOVE WOOD WAINSCOT. SEE INTERIOR DETAILS FOR MORE INFORMATION.
7. INSTALL WOOD WAINSCOT - **WD0077 - WALNUT REVEAL SLAT - VERTICAL - MAD101-V (X9400).** SEE CASEWORK DETAILS FOR MORE INFORMATION.
8. TILE START POINT WHERE INDICATED.
9. WALL FINISH BEHIND EXPOSED CABINETRY AND BELOW UNDERSIDE OF COUNTERTOP SUBSTRATE TO BE WHITE FRP.
10. INSTALL SCHLUTER TILE EDGE TRIM **JOLLY BLACK** IN BACKBAR WALL TILE OUTSIDE CORNERS AND AT TRANSITION BETWEEN TILE AND WOOD CLADDING.
11. ATTACH DIGITAL MENU BOARDS PER INSTALLATION DETAILS AS INDICATED.
12. INSTALL UPPER CABINET AT CBE STATION AS SHOWN. GC TO PROVIDE WALL BLOCKING FOR FASTENERS. REFER TO BLOCKING ELEVATIONS FOR MORE INFORMATION.
13. NEW LOCATION OF EXISTING OVEN AS INDICATED.
14. NEW LOCATION OF EXISTING U/C FRIDGE AS INDICATED.
15. NEW LOCATION OF EXISTING LABELER AS INDICATED.
16. NEW LOCATION OF EXISTING BREWER CLOVER VERTICAL AS INDICATED.
17. NEW LOCATION OF EXISTING GRINDER AS INDICATED.
18. NEW LOCATION OF EXISTING BLENDER AS INDICATED.
19. NEW LOCATION OF EXISTING NITRO GENERATOR, NITRO TAP AND U/C NITRO FRIDGE AS INDICATED.
20. LOCATION OF NEW TEMPERATURE AND CO2 SENSOR AS INDICATED.
21. NEW LOCATION OF EXISTING SECURITY CAMERAS AS INDICATED.
22. INSTALL PENDANT LIGHT - **REJUVENATION CEDAR AND MOSS - OILED BRONZE**. SEE REFLECTED CEILING PLAN AND LIGHTING DIMENSION PLAN FOR MORE INFORMATION.
23. NEW LOCATION OF EXISTING ESPRESSO MACHINE AS INDICATED.
24. NEW LOCATION OF EXISTING POS EQUIPMENT & POS PRINTER AS INDICATED.
25. NEW LOCATION OF EXISTING U/C SAFE AS INDICATED.
26. NEW LOCATION OF POS BANK AS INDICATED.
27. INSTALL PASTRY TRAY CART AS INDICATED.

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STORE #: 09369
PROJECT #: 26336-078
ISSUE DATE: 12-22-2023
DESIGN MANAGER: ANNIE SONG
ENGINEER OF RECORD: KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
INTERIOR FINISH ELEVATIONS
SCALE: AS SHOWN

SHEET NUMBER:
I202

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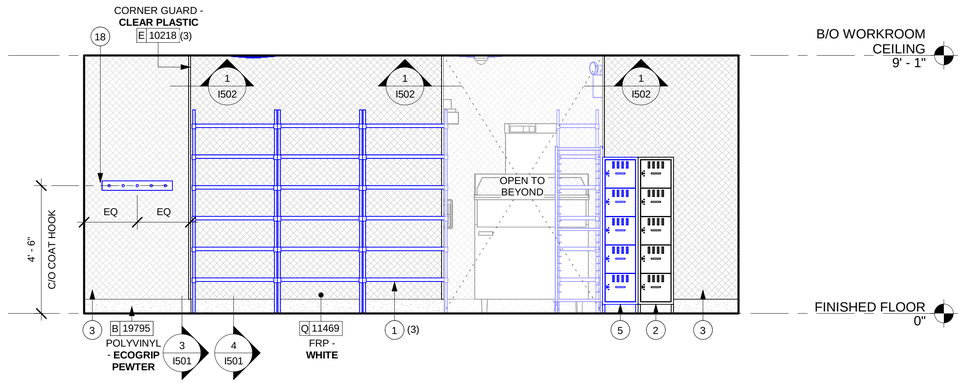
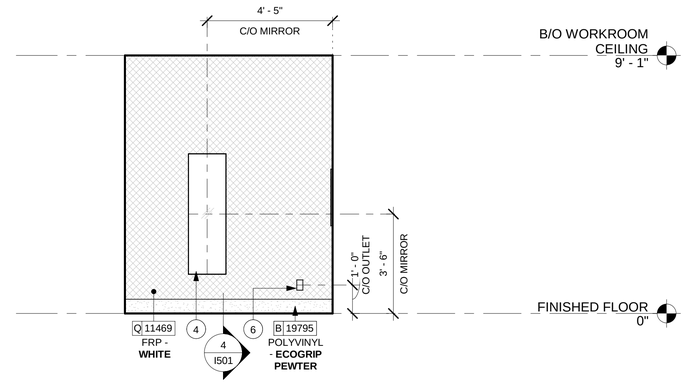
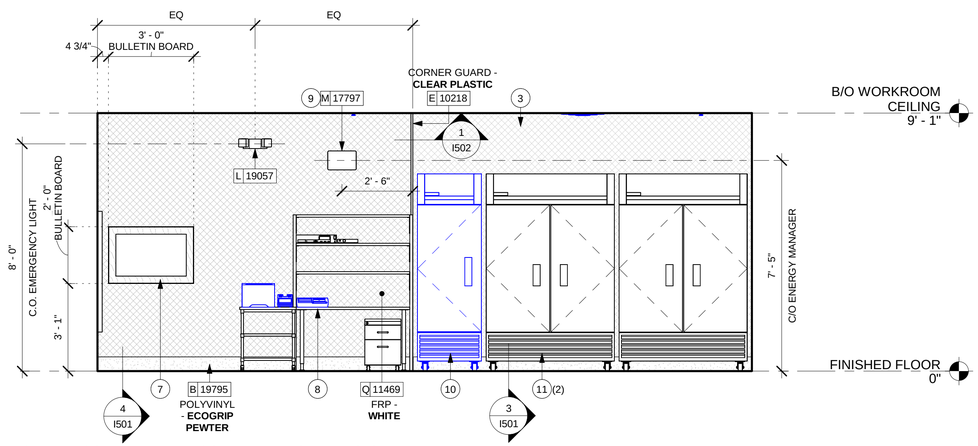


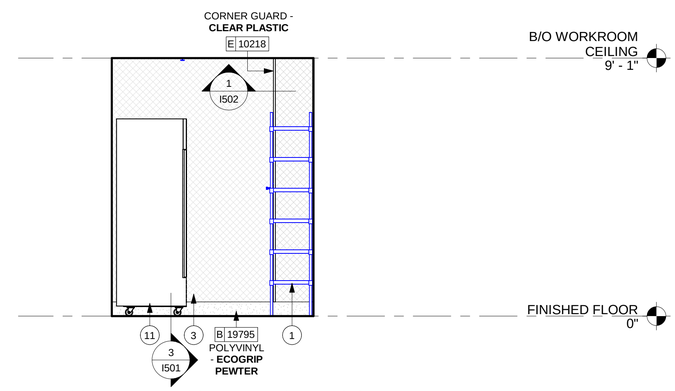
1 INTERIOR ELEVATION AT WORKROOM
Scale: 3/8" = 1'-0"



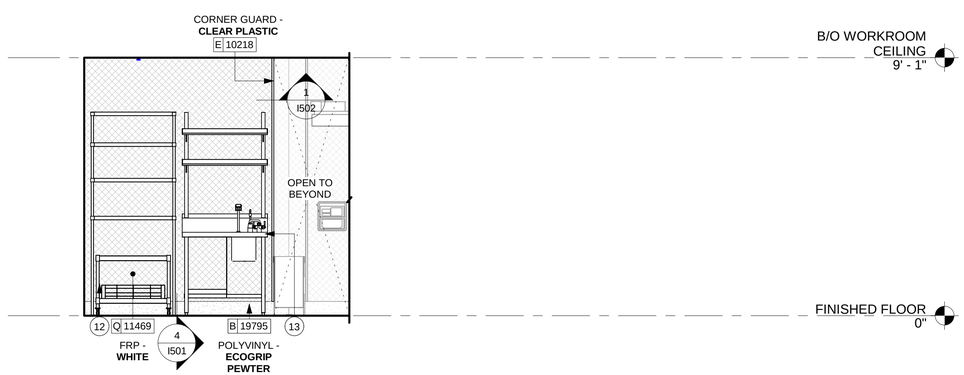
2 INTERIOR ELEVATION AT WORKROOM
Scale: 3/8" = 1'-0"



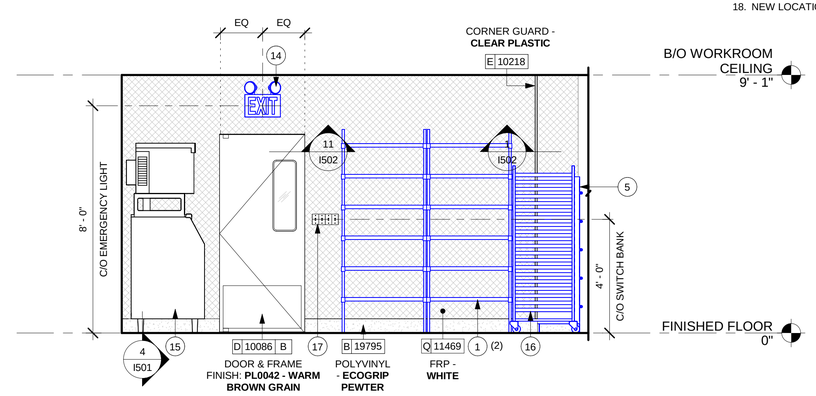
3 INTERIOR ELEVATION AT WORKROOM
Scale: 3/8" = 1'-0"



4 INTERIOR ELEVATION AT WORKROOM
Scale: 3/8" = 1'-0"



5 INTERIOR ELEVATION AT WORKROOM
Scale: 3/8" = 1'-0"



6 INTERIOR ELEVATION AT WORKROOM
Scale: 3/8" = 1'-0"

0 2' 4' 6'
Scale: 3/8" = 1'-0"

GENERAL NOTES

A. FOR GRAPHICS SCHEDULE, REFER TO THE FURNITURE, FIXTURES, AND EQUIPMENT (FF & E) SCHEDULES ON SHEET I601.

B. REFER TO MANUFACTURER'S INSTRUCTIONS INCLUDED WITH ARTWORK/GRAPHICS FOR PROPER INSTALLATION.

C. CHANGE PAINT COLOR ONLY AT INSIDE CORNERS UNLESS OTHERWISE INDICATED.

D. PAINT FINISHES SHALL BE APPLIED AS FOLLOWS, UNLESS NOTED OTHERWISE:
1) WOODS AND METAL SURFACES SHALL BE SEMI-GLOSS OR EQUAL.
2) ACCENT AND TRIM PAINTS TO BE SEMI-GLOSS OR EQUAL.
   a. WALL AND CEILING PAINTS TO BE EGGSHELL OR EQUAL.
3) PAINTS IN BOH, RESTROOM(S) OR CAFE BAR SHALL BE SEMI-GLOSS OR EQUAL.

E. PAINT SUBSTITUTIONS ARE NOT ALLOWED. USE STARBUCKS NATIONAL ACCOUNT COLOR CODE WHEN ORDERING PAINTS.

F. FLOORS, WALLS AND CEILING FINISHES IN FOOD PREPARATION AREAS SHALL BE SMOOTH, NON-TOXIC, NON-ABSORBENT, DURABLE AND EASILY CLEANABLE. PAINT SHALL BE WASHABLE; SEMI-GLOSS OR HIGH GLOSS FINISH.

G. ALL WOOD SURFACES (DOORS, TRIM, SHELVES, CABINETRY) SHALL BE SEALED.

H. REFER TO CASEWORK FINISH SCHEDULE ON SHEET I601 FOR CASEWORK FINISH MATERIAL INFORMATION.

I. ALIGN TILE TRANSITIONS ON WHOLE TILES AS SHOWN.

J. ALL FLOOR AND WALL JUNCTIONS IN STORAGE AND FOOD PREPARATION AREAS SHALL HAVE A 6" COVED BASE.

K. ALL FOOD STORAGE SHALL BE 6" (150MM) A.F.F.

L. INSTALL BLOCKING AND HANGERS FOR WALL SHELVING BEFORE INSTALLING BACK BAR TILE.

M. GENERAL CONTRACTOR TO PROVIDE AND INSTALL WORKROOM WALL FINISHES.

KEYED NOTES

1. NEW LOCATION OF EXISTING METRO SHELVES AS INDICATED.
2. INSTALL LOCKER AS INDICATED. SEE BLOCKING ELEVATIONS FOR MORE INFIRMATION.
3. EXISTING FRP - **WHITE** FINISH WALL TO REMAIN AS INDICATED.
4. INSTALL MIRROR AS INDICATED.
5. NEW LOCATION OF EXISTING LOCKER AS INDICATED. SEE BLOCKING ELEVATIONS FOR MORE INFIRMATION.
6. INSTALL WALL DUPLEX OUTLET AS INDICATED.
7. INSTALL BULLETIN BOARD AS INDICATED.
8. MANAGER'S DESK AS INDICATED.
9. INSTALL ENERGY MANAGER AS INDICATED.
10. NEW LOCATION OF EXISTING 1-D FREEZER AS INDICATED.
11. INSTALL 2-D FREEZER AS INDICATED.
12. INSTALL COLD BREW CART AND STORAGE RACK AS INDICATED.
13. INSTALL WATER FILLING STATION AS INDICATED.
14. NEW LOCATION OF EXISTING EXIT SIGN WITH EMERGENCY LIGHT - COMBO AS INDICATED.
15. INSTALL ICE MACHINE AS INDICATED.
16. NEW LOCATION OF EXISTING ROLLING PASTRY TRAY THAW RACK AS INDICATED.
17. INSTALL SWITCH BANK AS INDICATED.
18. NEW LOCATION OF EXISTING COAT HOOK AS INDICATED.

B I D / P E R M I T S E T - I N T E N D E D F O R C O N S T R U C T I O N U S E

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STARBUCKS TEMPLATE VERSION i2021.04.23

REGISTERED ARCHITECT
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PROJECT NAME:
BRIARCLIFF MANOR, NY

PROJECT ADDRESS:
107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #: 09369
PROJECT #: 26336-078

ISSUE DATE: 12-22-2023
DESIGN MANAGER: ANNIE SONG
ENGINEER OF RECORD: KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
INTERIOR FINISH ELEVATIONS
SCALE: AS SHOWN

SHEET NUMBER:
I203

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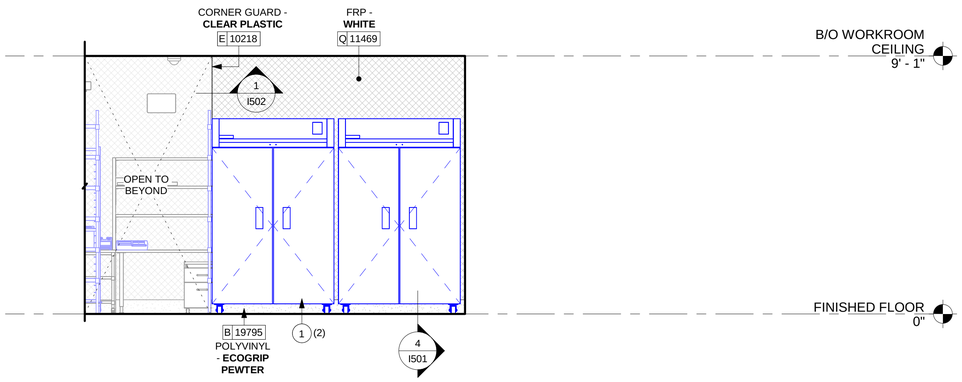
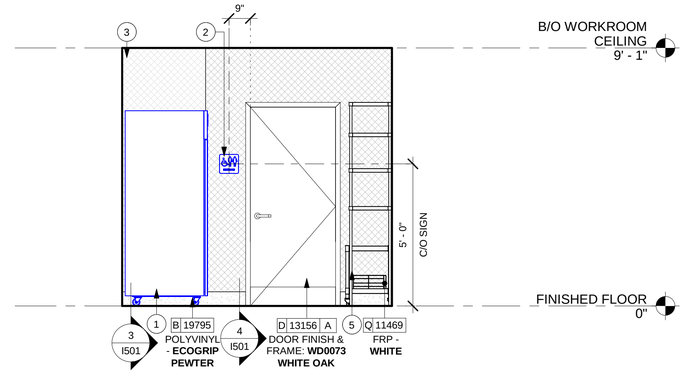
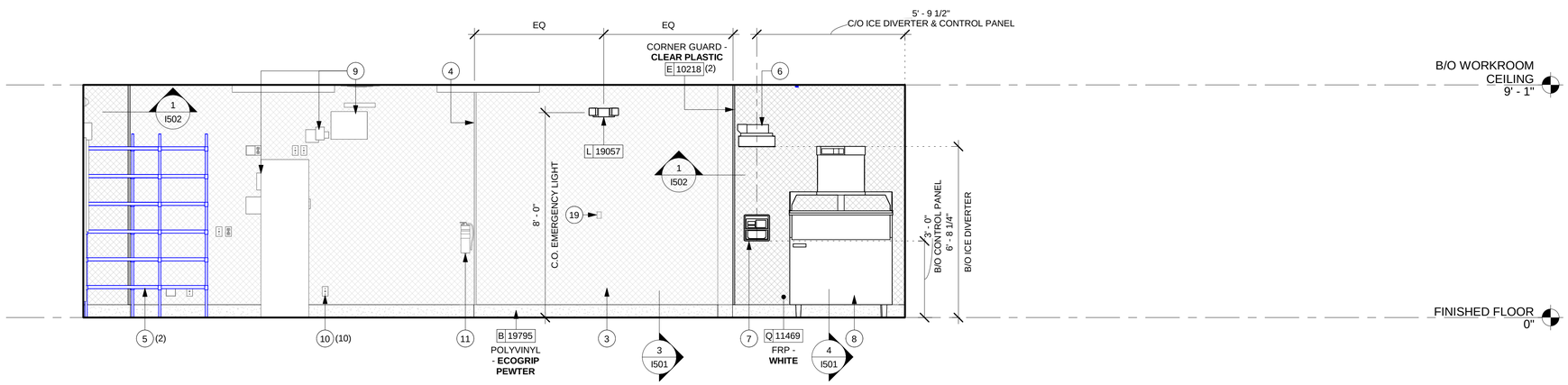


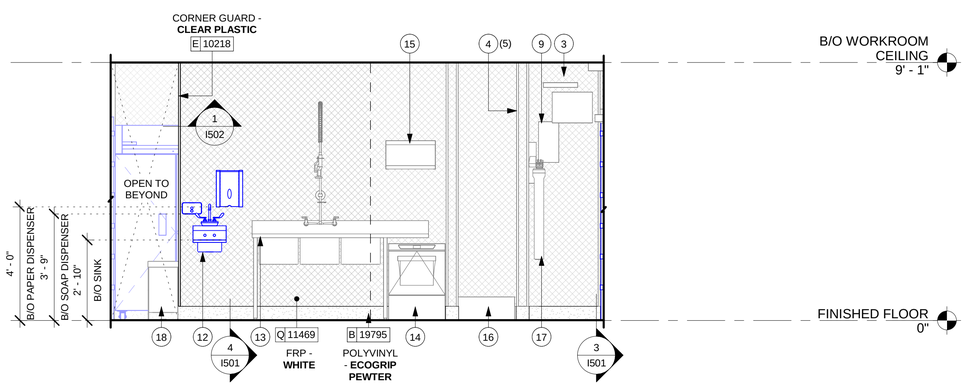
1 INTERIOR ELEVATION AT WORKROOM
Scale: 3/8" = 1'-0"



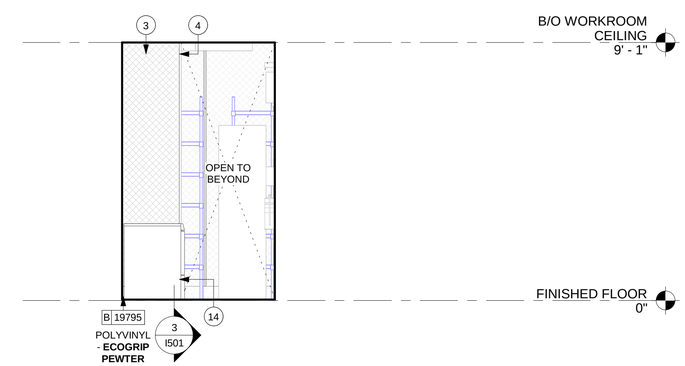
2 INTERIOR ELEVATION AT WORKROOM
Scale: 3/8" = 1'-0"



3 INTERIOR ELEVATION AT WORKROOM
Scale: 3/8" = 1'-0"



4 INTERIOR ELEVATION AT WORKROOM
Scale: 3/8" = 1'-0"



5 INTERIOR ELEVATION AT WORKROOM
Scale: 3/8" = 1'-0"

GENERAL NOTES

A. FOR GRAPHICS SCHEDULE, REFER TO THE FURNITURE, FIXTURES, AND EQUIPMENT (FF & E) SCHEDULES ON SHEET I602.

B. REFER TO MANUFACTURER'S INSTRUCTIONS INCLUDED WITH ARTWORK/GRAPHICS FOR PROPER INSTALLATION.

C. CHANGE PAINT COLOR ONLY AT INSIDE CORNERS UNLESS OTHERWISE INDICATED.

D. PAINT FINISHES SHALL BE APPLIED AS FOLLOWS, UNLESS NOTED OTHERWISE:
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   a. WALL AND CEILING PAINTS TO BE EGGSHELL OR EQUAL.
3) PAINTS IN BOH, RESTROOM(S) OR CAFE BAR SHALL BE SEMI-GLOSS OR EQUAL.

E. PAINT SUBSTITUTIONS ARE NOT ALLOWED. USE STARBUCKS NATIONAL ACCOUNT COLOR CODE WHEN ORDERING PAINTS.

F. FLOORS, WALLS AND CEILING FINISHES IN FOOD PREPARATION AREAS SHALL BE SMOOTH, NON-TOXIC, NON-ABSORBENT, DURABLE AND EASILY CLEANABLE. PAINT SHALL BE WASHABLE; SEMI-GLOSS OR HIGH GLOSS FINISH.

G. ALL WOOD SURFACES (DOORS, TRIM, SHELVES, CABINETRY) SHALL BE SEALED.

H. REFER TO CASEWORK FINISH SCHEDULE ON SHEET I601 FOR CASEWORK FINISH MATERIAL INFORMATION.

I. ALIGN TILE TRANSITIONS ON WHOLE TILES AS SHOWN.

J. ALL FLOOR AND WALL JUNCTIONS IN STORAGE AND FOOD PREPARATION AREAS SHALL HAVE A 6" COVED BASE.

K. ALL FOOD STORAGE SHALL BE 6" (150MM) A.F.F.

L. INSTALL BLOCKING AND HANGERS FOR WALL SHELVING BEFORE INSTALLING BACK BAR TILE.

M. GENERAL CONTRACTOR TO PROVIDE AND INSTALL WORKROOM WALL FINISHES.

KEYED NOTES

1. NEW LOCATION OF EXISTING 2-D FRIDGE AS INDICATED.
2. NEW LOCATION OF EXISTING UNISEX ACCESIBLE RESTROOM SIGN AS INDICATED.
3. EXISTING FRP - **WHITE** FINISH WALL TO REMAIN AS INDICATED.
4. EXISTING CORNER GUARD TO REMAIN AS INDICATED.
5. INSTALL COLD BREW CART AND STORAGE RACK AS INDICATED.
6. INSTALL ICE DIVERTER AS INDICATED.
7. INSTALL ICE DIVERTER CONTROL PANEL AS INDICATED.
8. INSTALL ICE MACHINE AS INDICATED.
9. EXISTING ELECTRICAL EQUIPMENT TO REMAIN AS INDICATED.
10. EXISTING ELECTRICAL OUTLETS TO REMAIN AS INDICATED.
11. EXISTING FIRE EXTINGUISHER TO REMAIN AS INDICATED.
12. NEW LOCATION OF EXISTING HAND SINK, SOAP DISPENSER AND PAPER DISPENSER AS INDICATED.
13. EXISTING 3-COMP SINK TO REMAIN AS INDICATED.
14. EXISTING DISHWASHER TO REMAIN AS INDICATED.
15. EXISTING DRYING RACK TO REMAIN AS INDICATED.
16. EXISTING MOP SINK TO REMAIN AS INDICATED.
17. EXISTING WATER FILTRATION SYSTEM TO REMAIN AS INDICATED.
18. LOCATION OF HAMPER AS INDICATED.
19. EXISTING THERMOSTAT TO REMAIN.

0 2' 4' 6'
Scale: 3/8" = 1'-0"

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REGISTERED ARCHITECT RICHARD H. SWEERS II 18563-1 STATE OF NEW YORK

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PROJECT NAME: BRIARCLIFF MANOR, NY

PROJECT ADDRESS: 107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #: 09369
PROJECT #: 26336-078
ISSUE DATE: 12-22-2023
DESIGN MANAGER: ANNIE SONG
ENGINEER OF RECORD: KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
INTERIOR FINISH ELEVATIONS
SCALE: AS SHOWN

SHEET NUMBER:
I204

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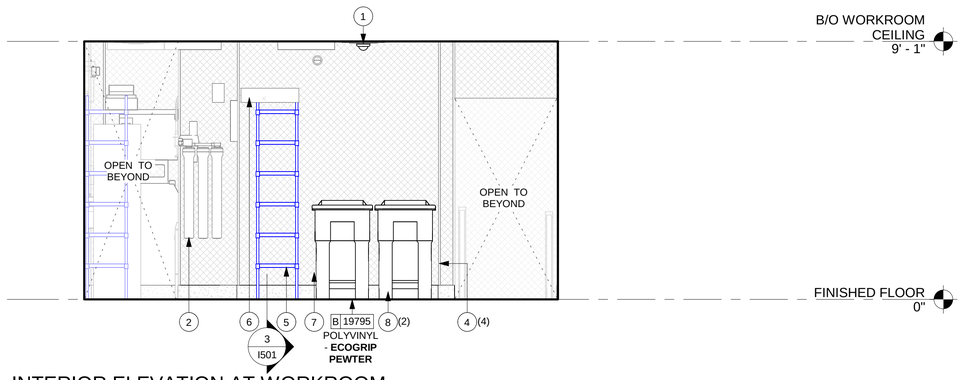
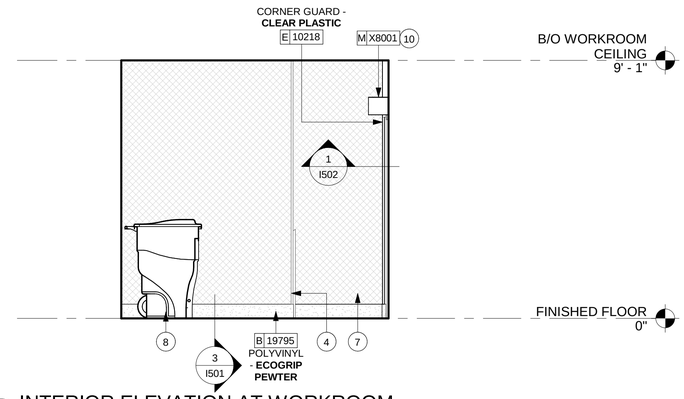


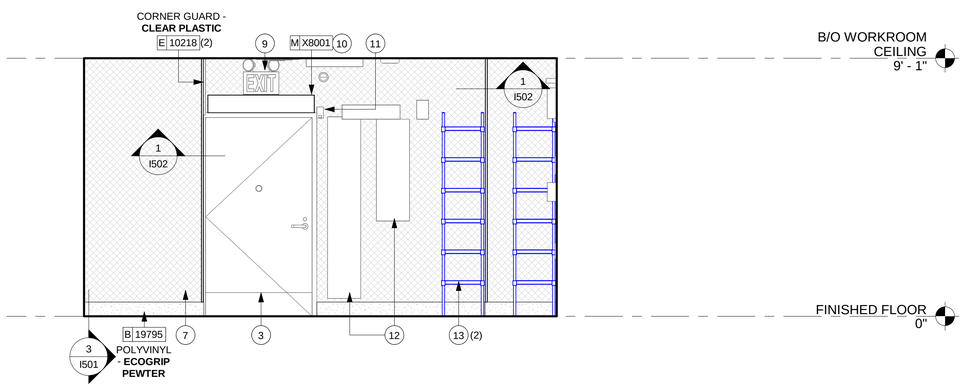
1 INTERIOR ELEVATION AT WORKROOM

Scale: 3/8" = 1'-0"



2 INTERIOR ELEVATION AT WORKROOM

Scale: 3/8" = 1'-0"



3 INTERIOR ELEVATION AT WORKROOM

Scale: 3/8" = 1'-0"

GENERAL NOTES

A. FOR GRAPHICS SCHEDULE, REFER TO THE FURNITURE, FIXTURES, AND EQUIPMENT (FF & E) SCHEDULES ON SHEET I601.

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G. ALL WOOD SURFACES (DOORS, TRIM, SHELVES, CABINETRY) SHALL BE SEALED.

H. REFER TO CASEWORK FINISH SCHEDULE ON SHEET I601 FOR CASEWORK FINISH MATERIAL INFORMATION.

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J. ALL FLOOR AND WALL JUNCTIONS IN STORAGE AND FOOD PREPARATION AREAS SHALL HAVE A 6" COVED BASE.

K. ALL FOOD STORAGE SHALL BE 6" (150MM) A.F.F.

L. INSTALL BLOCKING AND HANGERS FOR WALL SHELVING BEFORE INSTALLING BACK BAR TILE.

M. GENERAL CONTRACTOR TO PROVIDE AND INSTALL WORKROOM WALL FINISHES.

KEYED NOTES

1. INSTALL SECURITY CAMERA AS INDICATED.
2. EXISTING WATER FILTRATION SYSTEM TO REMAIN AS INDICATED.
3. EXISTING REAR SERVICE DOOR TO REMAIN AS INDICATED.
4. EXISTING CORNER GUARD TO REMAIN AS INDICATED.
5. INSTALL METRO SHELVES AS INDICATED.
6. EXISTING ELECTRICAL EQUIPMENT TO REMAIN AS INDICATED.
7. EXISTING FRP - **WHITE** FINISH WALL TO REMAIN AS INDICATED.
8. LOCATION OF TRASH BINS AS INDICATED.
9. EXISTING EXIT SIGN WITH EMERGENCY LIGHTS COMBO TO REMAIN AS INDICATED.
10. INSTALL AIR CURTAIN AS REQUIRED PER JURISDICTION.
11. EXISTING MOTION SENSOR TO REMAIN AS INDICATED.
12. EXISTING ELECTRICAL PANELS TO REMAIN AS INDICATED.
13. NEW LOCATION OF EXISTING METRO SHELVES AS INDICATED.

0 2' 4' 6'

Scale: 3/8" = 1'-0"

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BRIARCLIFF MANOR, NY

PROJECT ADDRESS:
107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #: 09369
PROJECT #: 26336-078
ISSUE DATE: 12-22-2023
DESIGN MANAGER: ANNIE SONG
ENGINEER OF RECORD: KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
INTERIOR FINISH ELEVATIONS
SCALE: AS SHOWN

SHEET NUMBER:
I205

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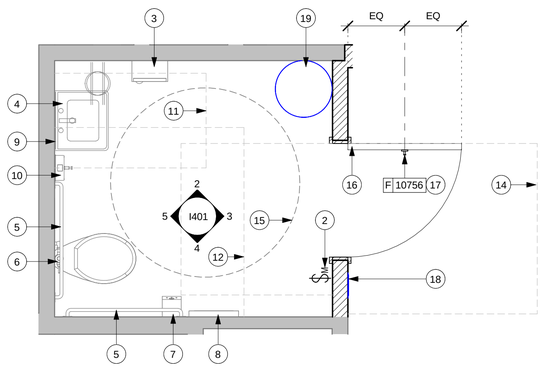
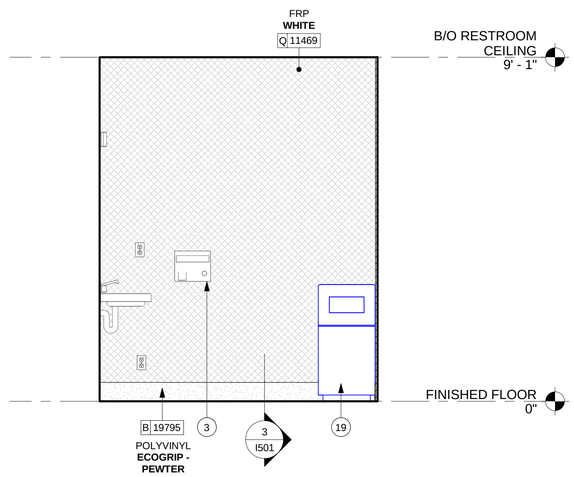


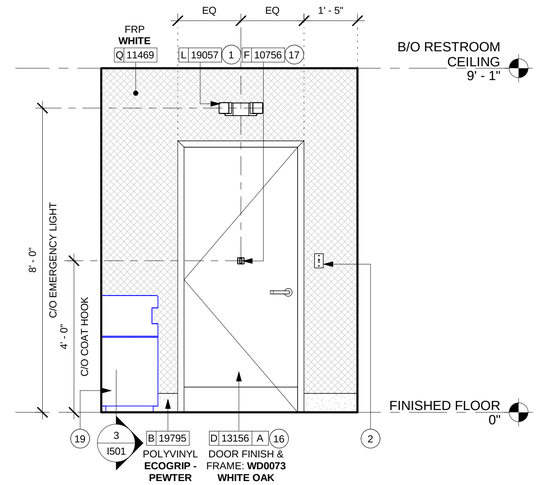
1 ENLARGED UNISEX RR PLAN

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



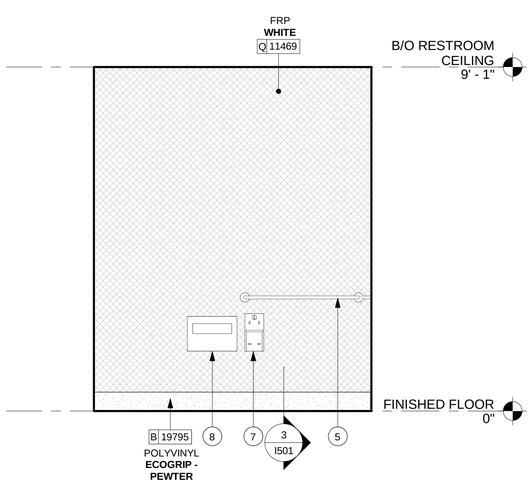
2 INTERIOR ELEVATION AT UNISEX RR - NORTH

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



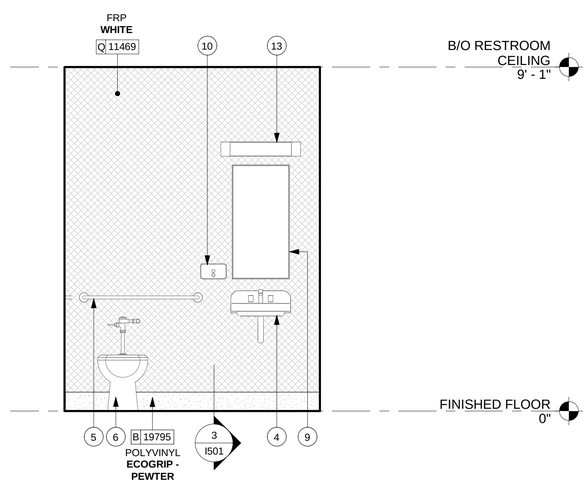
3 INTERIOR ELEVATION AT UNISEX RR - EAST

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



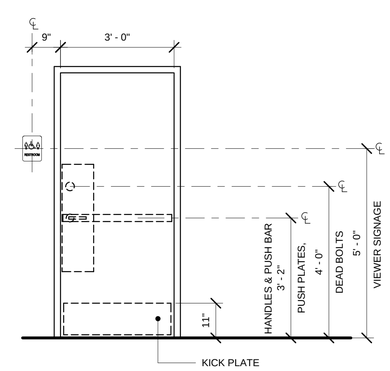
4 INTERIOR ELEVATION AT UNISEX RR - SOUTH

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



5 INTERIOR ELEVATION AT UNISEX RR - WEST

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



6 UNISEX RESTROOM SIGNAGE

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

GENERAL NOTES

A. GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY STARBUCKS CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

B. ALL DIMENSIONS ARE TO BE TAKEN FROM A DESIGNATED DATUM POINT.

C. DIMENSIONS ARE TO FACE OF FINISHED SURFACE UNLESS OTHERWISE NOTED.

D. DIAPER CHANGING STATION IS TO BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS. UNIT IS TO BE FASTENED TO STRUCTURE AT ALL SIX CHASSIS ATTACHMENT POINTS.

E. LOCATE DIAPER CHANGING STATION AS SHOWN TO ALLOW NECESSARY CLEARANCE FOR OPERATION OF ALL RESTROOM FIXTURES. LOCATION SHALL NOT IMPEDE ACCESS, EGRESS, OR DOOR SWING.

F. ALL RESTROOM ACCESSORY MOUNTING HEIGHTS AND CLEARANCES SHALL COMPLY WITH THE ACCESSIBILITY REQUIREMENTS OF THE LOCAL JURISDICTION.

KEYED NOTES

1. NEW WALL MOUNTED EMERGENCY LIGHT AS INDICATED ABOVE RESTROOM DOOR.
2. NEW MOTION SENSOR LIGHT SWITCH WITH BLACK FACE PLATE AS INDICATED.
3. EXISTING HAND DRYER TO REMAIN AS INDICATED.
4. EXISTING WALL MOUNTED SINK TO REMAIN AS INDICATED.
5. EXISTING GRAB BAR TO REMAIN AS INDICATED.
6. EXISTING TOILET TO REMAIN AS INDICATED.
7. EXISTING TOILET PAPER HOLDER TO REMAIN AS INDICATED.
8. EXISTING SEAT COVER DISPENSER TO REMAIN AS INDICATED.
9. EXISTING MIRROR TO REMAIN AS INDICATED.
10. EXISTING SOAP DISPENSER WALL MOUNTED.
11. 30" (1700MM) X 48" (1200MM) CLEAR FOR WHEELCHAIR ACCESS.
12. WATER CLOSET CLEAR FLOOR SPACE.
13. EXISTING SCONCE LIGHTING OVER MIRROR.
14. PROVIDE MINIMUM PUSH/PULL DOOR CLEARANCE PER ADA / ANSI GUIDELINES.
15. 60" (1525 MM) DIAMETER MINIMUM TURN RADIUS FOR WHEELCHAIR ACCESS.
16. INSTALL NEW RR DOOR BY SB AS INDICATED.
17. COAT HOOK. MOUNT AT CENTERLINE OF DOOR.
18. EXISTING BARRIER-FREE SIGNAGE AT ACCESSIBLE RESTROOMS TO BE RELOCATED PER ALL APPLICABLE CODES. SEE ENLARGED RESTROOM PLAN AND ELEVATIONS FOR MORE INFORMATION.
19. NEW LOCATION OF EXISTING TRASH BIN AS INDICATED.

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STARBUCKS TEMPLATE VERSION i2021.04.23

REGISTERED ARCHITECT
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PROJECT NAME:
BRIARCLIFF MANOR, NY

PROJECT ADDRESS:
107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #:	09369
PROJECT #:	26336-078
ISSUE DATE:	12-22-2023
DESIGN MANAGER:	ANNIE SONG
ENGINEER OF RECORD:	KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
RESTROOM PLAN & ELEVATIONS
SCALE: AS SHOWN

SHEET NUMBER:
I401

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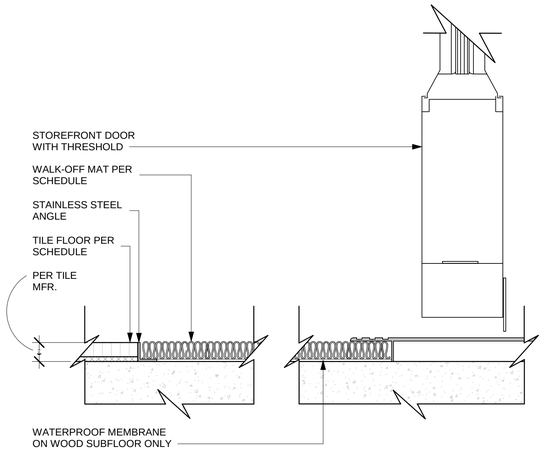

1 TRANSITION - TILE TO WALK OFF MAT
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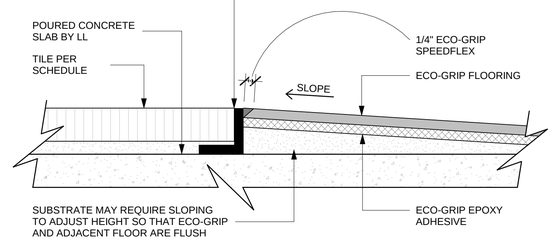
Scale: 6" = 1'-0"



2 TRANSITION - ECO-GRIP TO TILE
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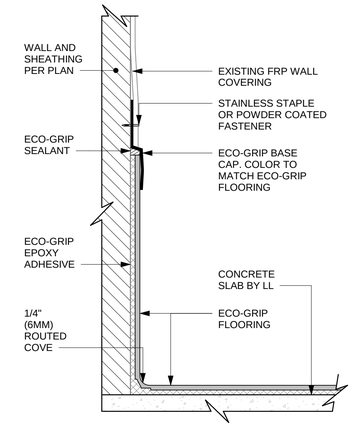
Scale: 12" = 1'-0"



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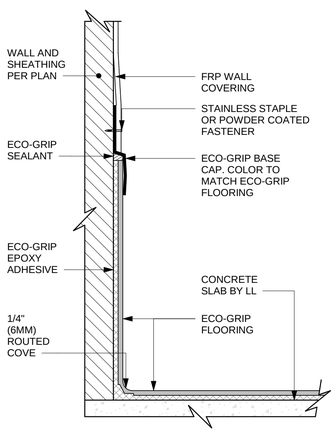

4 ECO-GRIP BASE AT FRP WALL COVERING - NEW
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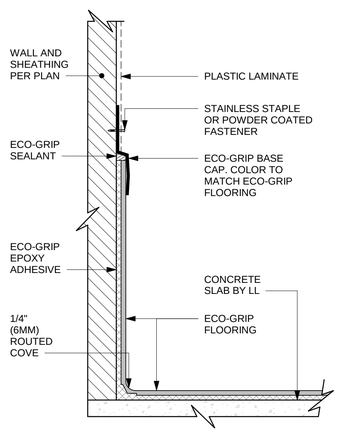

5 ECO-GRIP BASE AT PAINTED PLASTIC LAMINATE WALL
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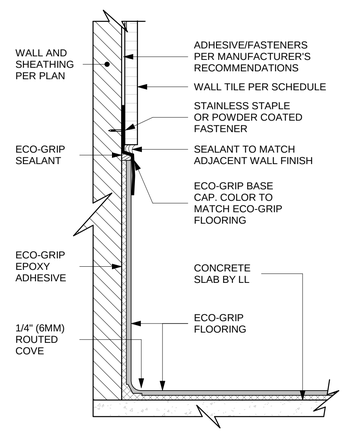

6 ECO-GRIP BASE CAP AT TILED WALL
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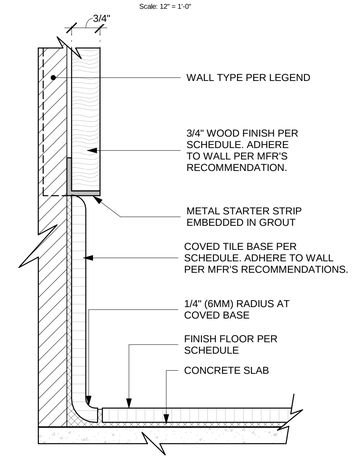

7 TILE BASE AT WOOD
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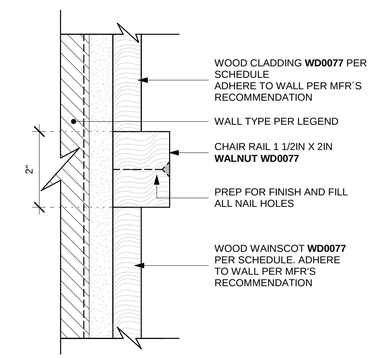
Scale: 6" = 1'-0"



8 WOOD WAINSCOT TO WOOD CLADDING TRANSITION
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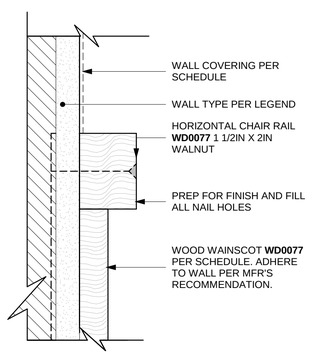
Scale: 6" = 1'-0"



9 WOOD WAINSCOT TO WALL COVERING TRANSITION
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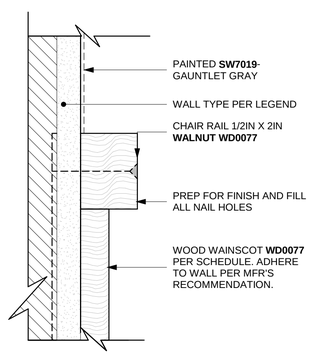

10 WOOD WAINSCOT TO WALL PAINTED TRANSITION
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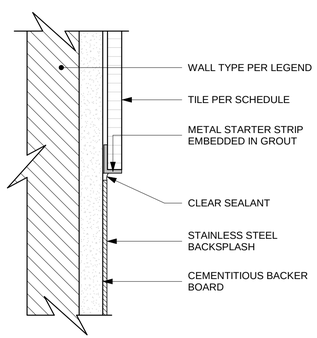

11 SST BACKPLASH TO TILE TRANSITION
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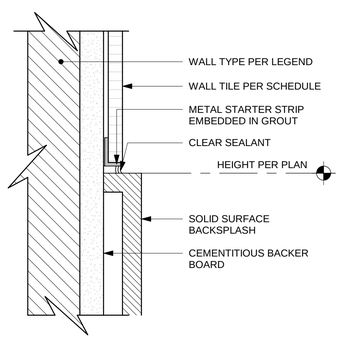
Scale: 6" = 1'-0"



12 SS BACKPLASH TO TILE TRANSITION
Scale: 6" = 1'-0"
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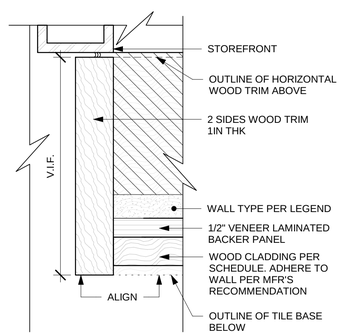
Scale: 6" = 1'-0"



13 WOOD TRIM AT STOREFRONT SIDELIGHT
Scale: 6" = 1'-0"
0 1' 2' 4'
Scale: 6" = 1'-0"

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ISSUE DATE: 12-22-2023
DESIGN MANAGER: ANNIE SONG
ENGINEER OF RECORD: KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
INTERIOR DETAILS

SCALE: AS SHOWN

SHEET NUMBER:
I501

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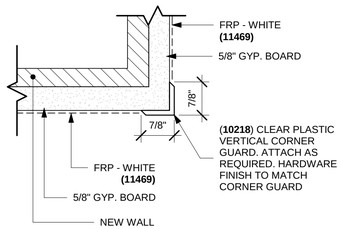
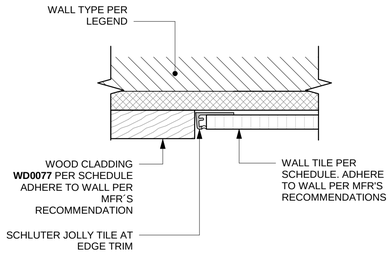
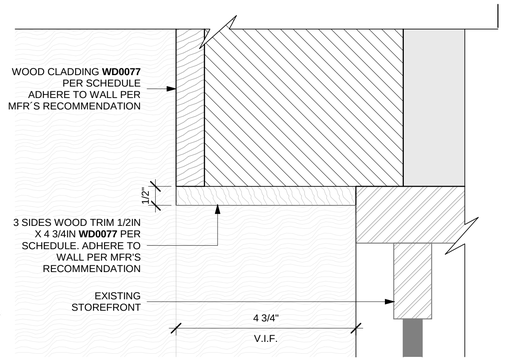


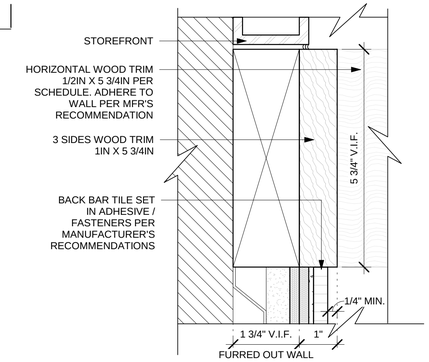
1 VERTICAL CORNER GUARD AT FRP
Scale: 6" = 1'-0"



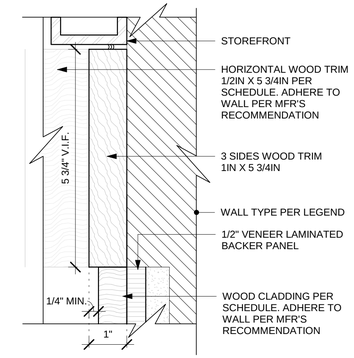
2 TILE/WOOD WALL TRANSITION
Scale: 6" = 1'-0"



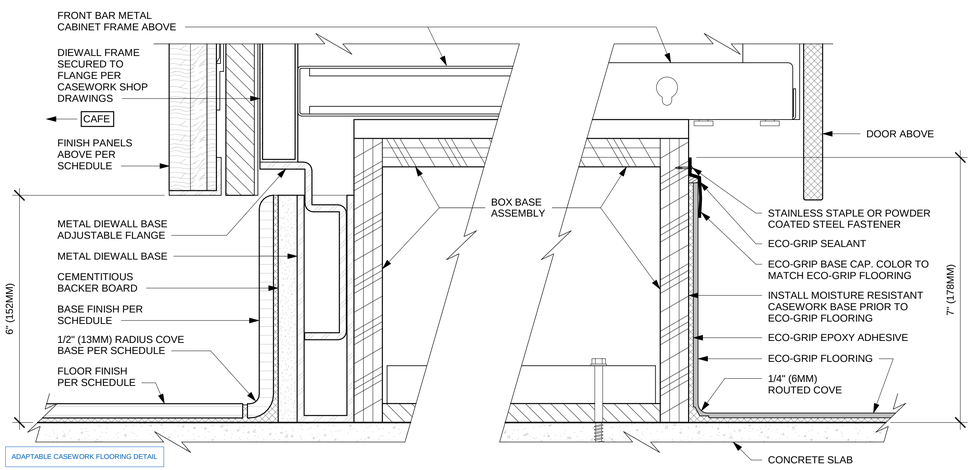
3 WOOD TRIM AT T.O. STOREFRONT DOOR
Scale: 6" = 1'-0"



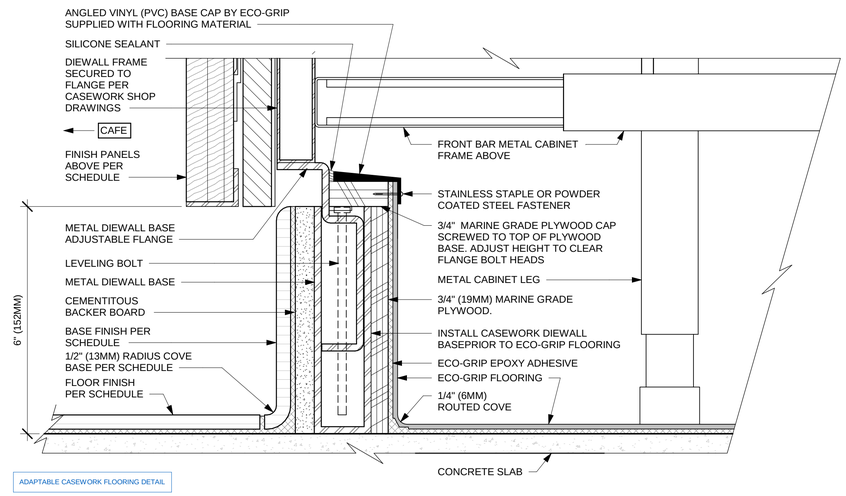
4 WOOD TRIM AT STOREFRONT - TILE
Scale: 6" = 1'-0"



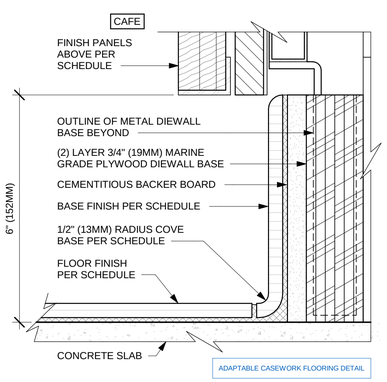
5 WOOD TRIM AT STOREFRONT - WOOD
Scale: 6" = 1'-0"



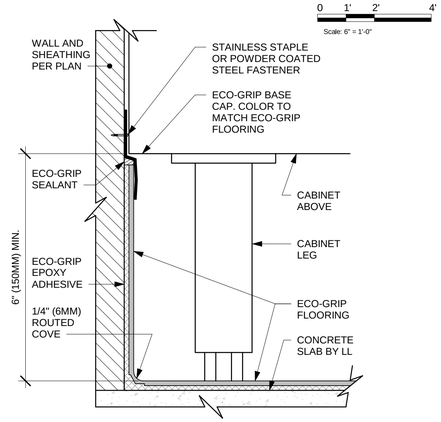
6 ECO-GRIP AC FRONT BAR CABINET ON BOX BASE
Scale: 6" = 1'-0"



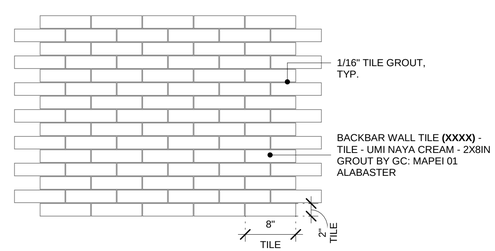
7 ECO-GRIP AC FRONT BAR CABINET ON LEGS
Scale: 6" = 1'-0"



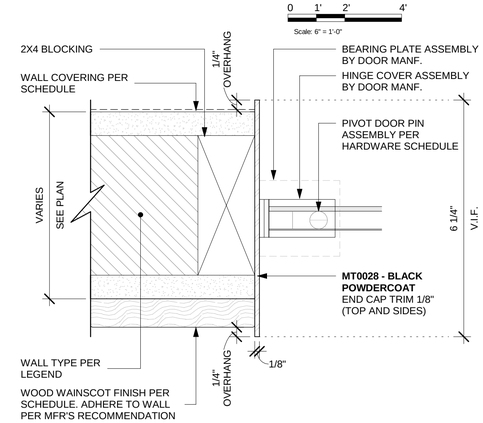
8 AC FRONT BAR CABINET PLYWOOD DIEWALL BASE
Scale: 6" = 1'-0"



9 ECO-GRIP BASE AT CABINET WITH LEGS
Scale: 6" = 1'-0"



10 BACK BAR WALL TILE PATTERN
Scale: 1" = 1'-0"



11 3 SIDES METAL TRIM AT ELIASON DOOR
Scale: 6" = 1'-0"

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PROJECT ADDRESS: 107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #:	09369
PROJECT #:	26336-078
ISSUE DATE:	12-22-2023
DESIGN MANAGER:	ANNIE SONG
ENGINEER OF RECORD:	KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
INTERIOR DETAILS

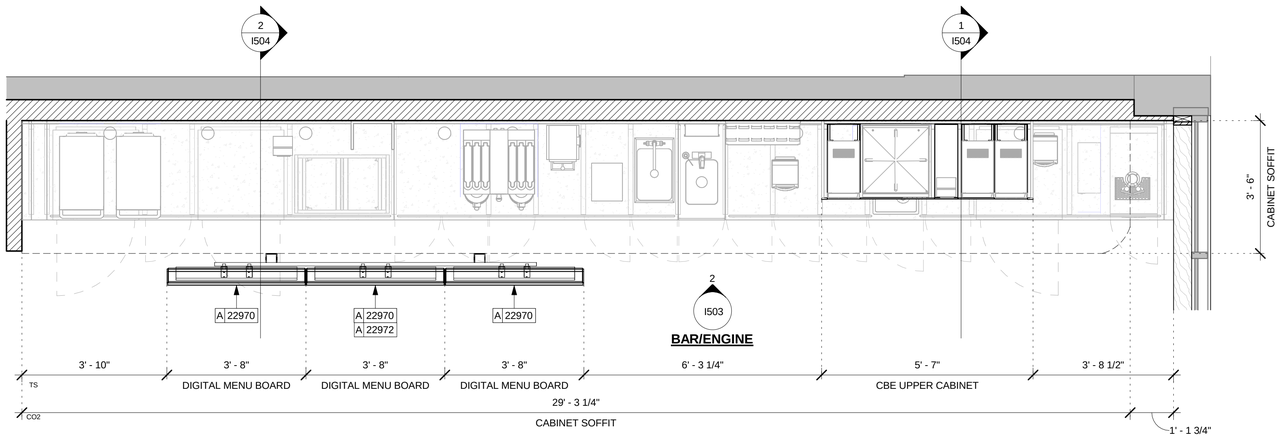
SCALE: AS SHOWN

SHEET NUMBER:
I502

12/18/2023 9:44:33 AM C:\Users\cmoy\Documents\26336-078_Briarcliff Manor, NY_CD Bid Permit_cmoyWPR4Q.rvt

REFER TO MEP DRAWINGS TO LOCATE AND PLACE ALL REQUIRED MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS AS REQUIRED.

CASEWORK VENDOR TO PROVIDE SHOP DRAWINGS PRIOR TO FABRICATION AND INSTALLATION FOR SBUX DESIGNER APPROVAL.



1 ENLARGED UPPER CASEWORK PLAN

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

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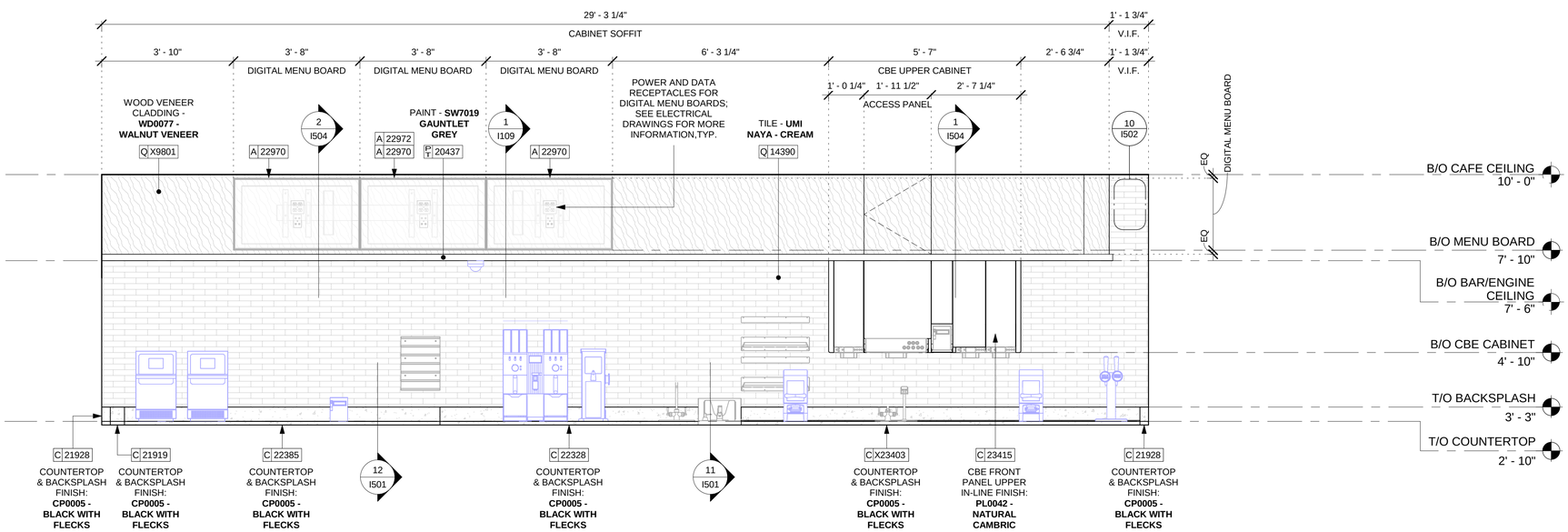
Scale: 1/2" = 1'-0"



2 ENLARGED UPPER CASEWORK ELEVATION

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

0 1' 2' 4'

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

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PROJECT NAME: BRIARCLIFF MANOR, NY

PROJECT ADDRESS: 107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #:	09369
PROJECT #:	26336-078
ISSUE DATE:	12-22-2023
DESIGN MANAGER:	ANNIE SONG
ENGINEER OF RECORD:	KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
CASEWORK DETAILS

SCALE: AS SHOWN

SHEET NUMBER:
I503

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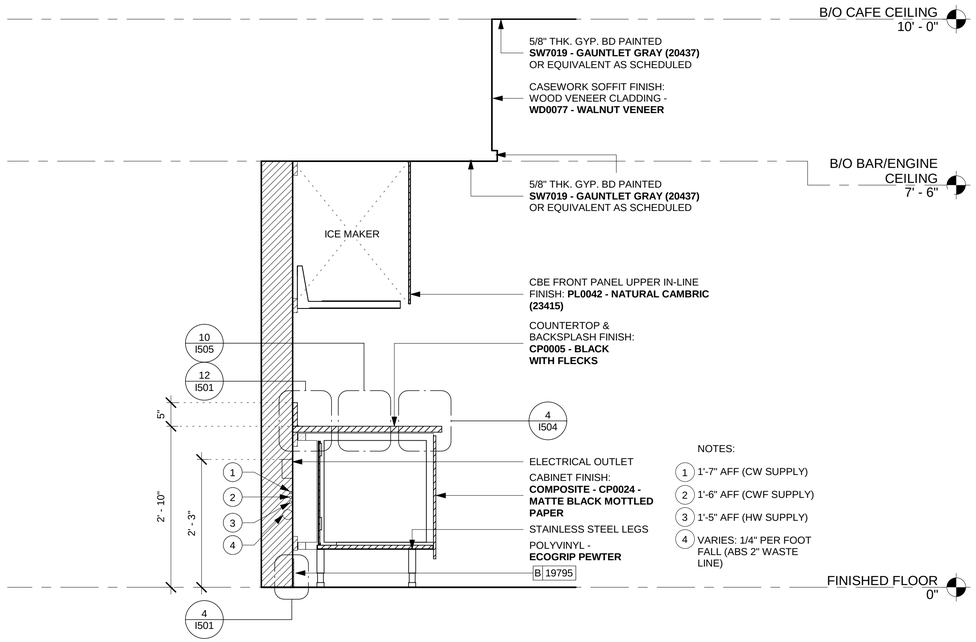

1 SECTION AT CBE UPPER CABINET

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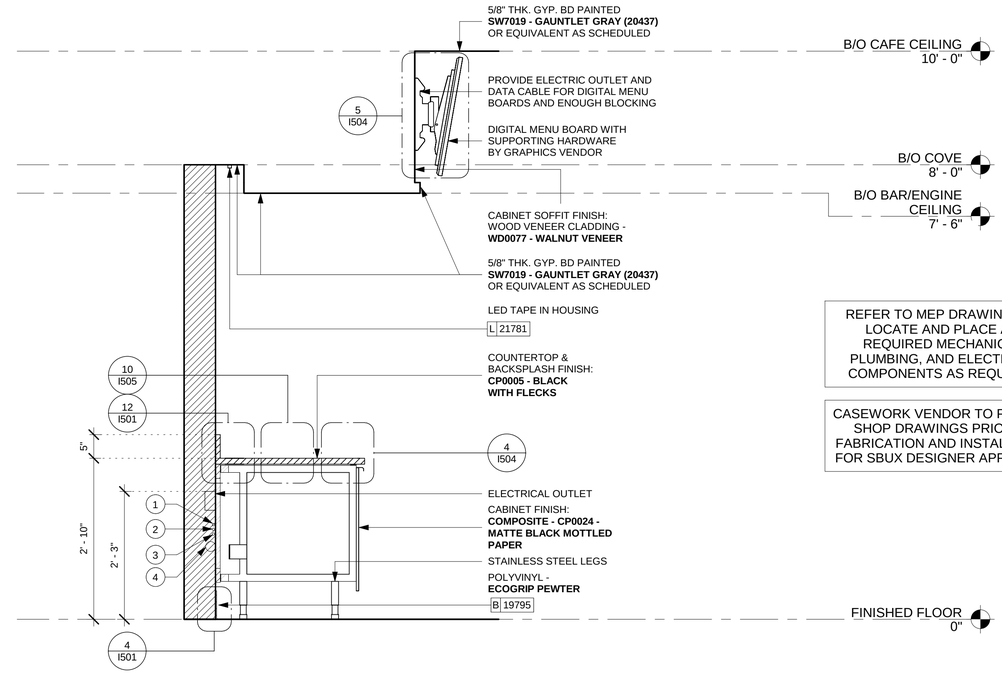
0 1' 2' 3'

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



REFER TO MEP DRAWINGS TO LOCATE AND PLACE ALL REQUIRED MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS AS REQUIRED.

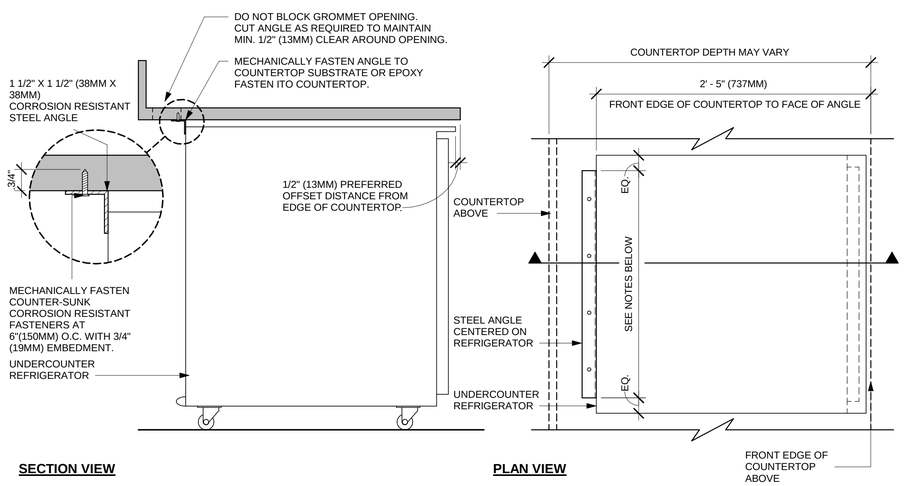
CASEWORK VENDOR TO PROVIDE SHOP DRAWINGS PRIOR TO FABRICATION AND INSTALLATION FOR SBUX DESIGNER APPROVAL.

2 SECTION AT DIGITAL MENU

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

0 1' 2' 3'

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



NOTES

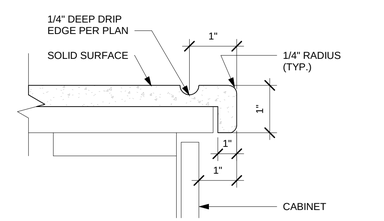
1. 24" (610MM) 1 1/2" X 1 1/2" (38MM X 38MM) STEEL ANGLE TO BE USED WITH SINGLE DOOR REFRIGERATORS.
2. 48" (1220MM) 1 1/2" X 1 1/2" (38MM X 38MM) STEEL ANGLE TO BE USED WITH DOUBLE DOOR REFRIGERATORS.

3 UNDERCOUNTER REFRIGERATOR STOP INSTALLATION

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

0 1' 2'

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

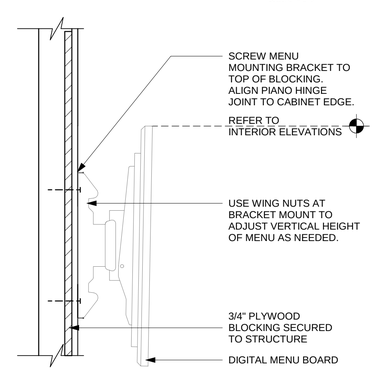


4 BACKBAR COUNTERTOP EDGE

Scale: 6" = 1'-0"

0 1' 2' 4'

Scale: 6" = 1'-0"



5 MENU - WALL HINGE MOUNT

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

0 1' 2'

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

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PROJECT ADDRESS:
107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #: 09369
PROJECT #: 26336-078
ISSUE DATE: 12-22-2023
DESIGN MANAGER: ANNIE SONG
ENGINEER OF RECORD: KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
CASEWORK DETAILS

SCALE: AS SHOWN

SHEET NUMBER:
I504

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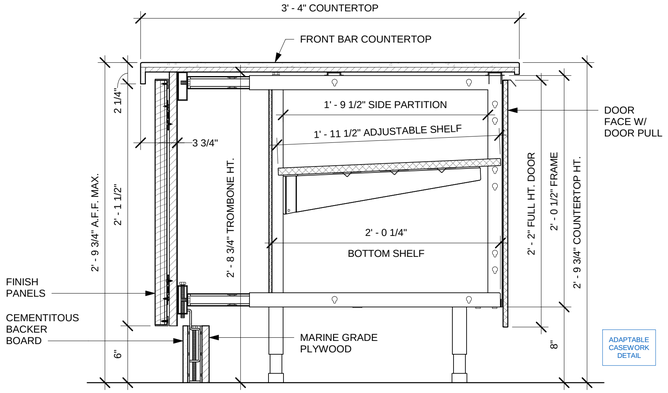
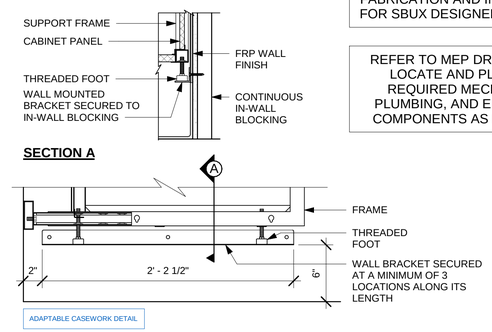


1 AC FRONT BAR CABINET ASSEMBLY ON LEGS SECTION

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



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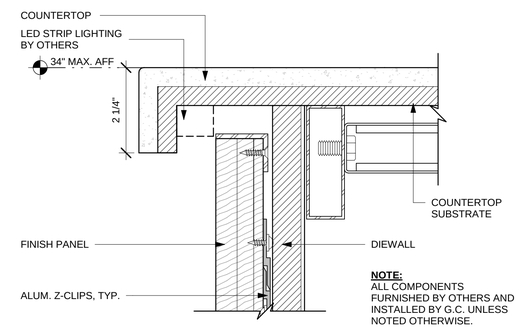
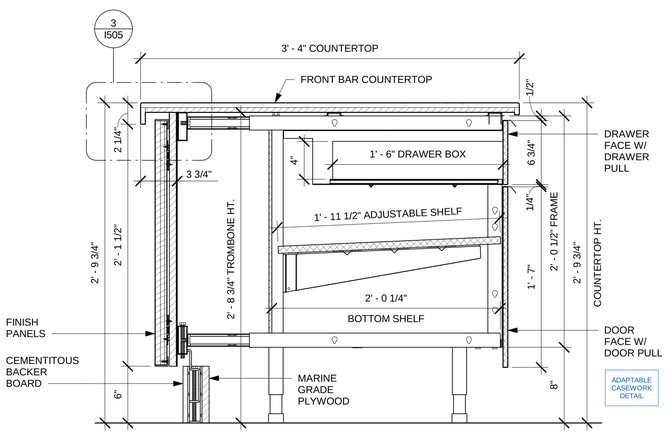
2 AC BACKLINE WALL BRACKET ASSEMBLY

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



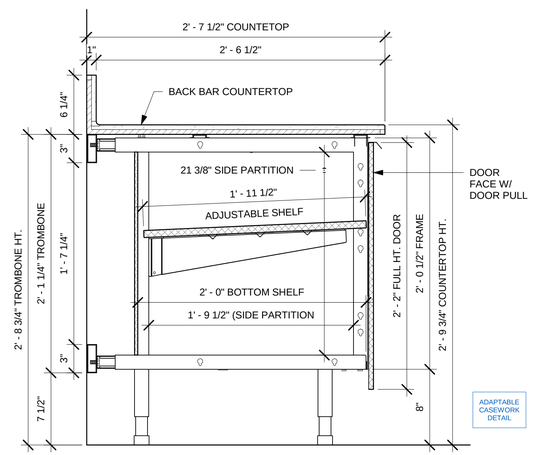
3 FINISH PANEL - BUILT-UP COUNTERTOP OVERHANG TYP.

Scale: 6" = 1'-0"



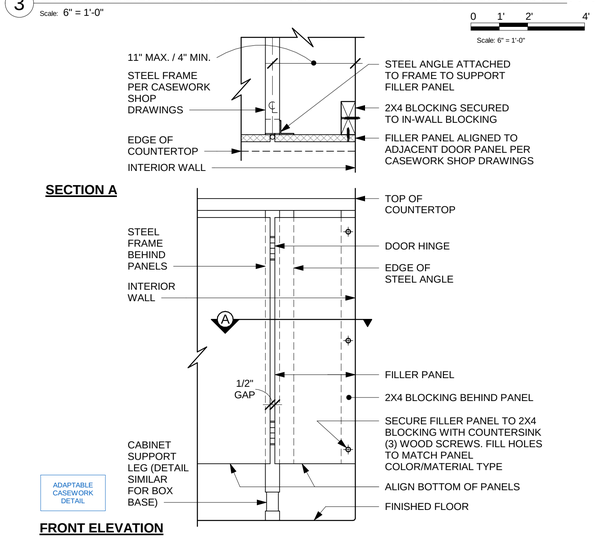
4 AC FRONT BAR DRAWER CABINET ASSEMBLY ON LEGS SECTION

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



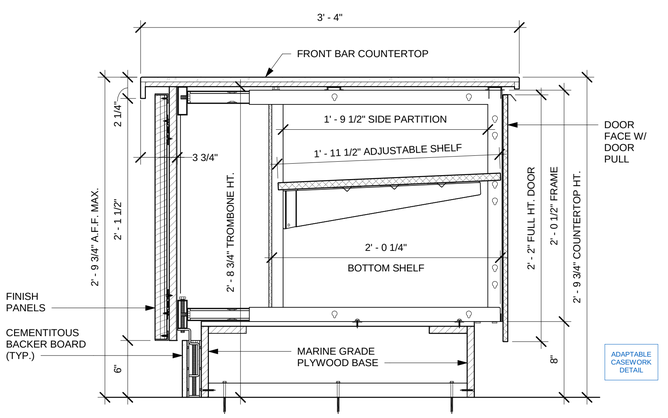
5 AC BACK BAR CABINET ASSEMBLY ON LEGS SECTION

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



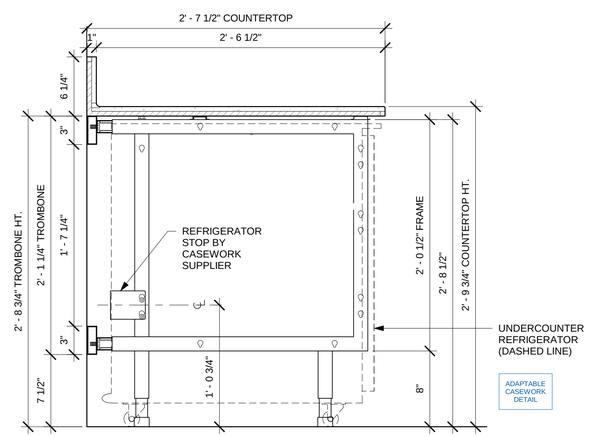
6 FILLER PANEL AT WALL

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



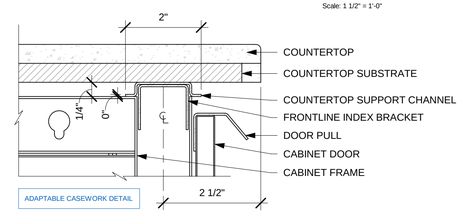
7 AC FRONT BAR CABINET ASSEMBLY ON BOX BASE SECTION

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



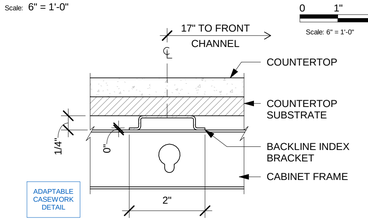
8 AC BACK BAR UNDERCOUNTER REFRIGERATOR SECTION

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



9 AC COUNTERTOP FRONT HAT SUPPORT CHANNEL

Scale: 6" = 1'-0"



10 AC COUNTERTOP SUPPORT CHANNEL

Scale: 6" = 1'-0"

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STORE #: 09369
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ISSUE DATE: 12-22-2023
DESIGN MANAGER: ANNIE SONG
ENGINEER OF RECORD: KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE: CASEWORK DETAILS

SCALE: AS SHOWN

SHEET NUMBER: I505

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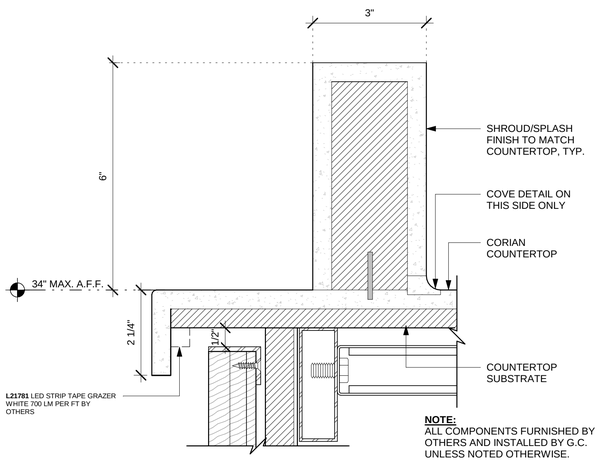
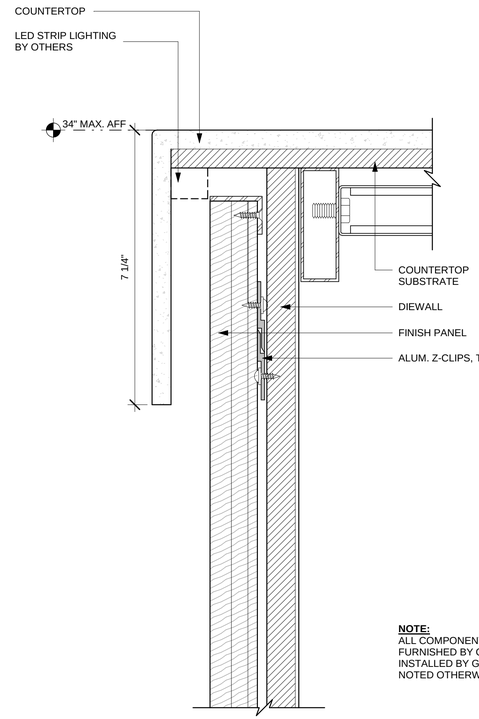


NOTE:
ALL COMPONENTS FURNISHED BY OTHERS AND INSTALLED BY G.C. UNLESS NOTED OTHERWISE.

1 ESP SHROUD - CORIAN AT BREW STATION

Scale: 6" = 1'-0"

0 1" 3" 6"
Scale: 6" = 1'-0"



NOTE:
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2 FINISH PANEL - BUILT-UP COUNTERTOP OVERHANG CHP

Scale: 6" = 1'-0"

0 1" 3" 6"
Scale: 6" = 1'-0"

REFER TO MEP DRAWINGS TO LOCATE AND PLACE ALL REQUIRED MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS AS REQUIRED.

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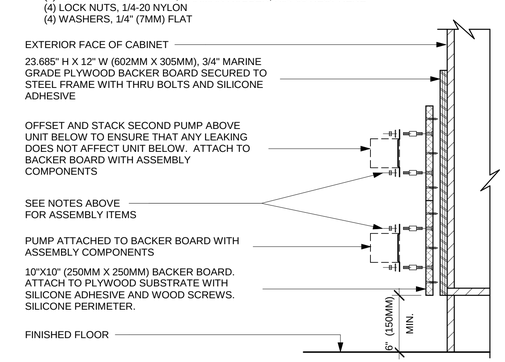
CRAFT BAR CASEWORK DETAIL

NOTES:

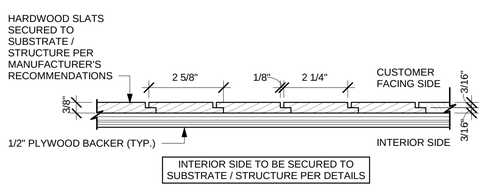
1. LOCATE PUMP WITHIN CORD LENGTH LIMIT. ORIENT WITH PUMP HEAD LEFT, RIGHT AND AT BOTTOM. LOOSEN PUMP HEAD CLAMP, ROTATE AND RE-TIGHTEN AS REQUIRED PER ORIENTATION TO PROVIDE FRONT ACCESS TO FLOW. ADJUSTMENT WITHIN CORD LENGTH LIMIT.
2. USE LOCKTITE ON ISOLATOR THREADS. DO NOT OVER TIGHTEN.
3. LOOSEN PUMP HEAD CLAMP, ROTATE AND RE-TIGHTEN AS REQUIRED FOR PUMP ORIENTATION.
4. EACH BACKER BOARD'S ASSEMBLY COMPONENTS INCLUDE:
   (1) BACKER BOARDS
   (4) TENETS, 1/4-20 VENDOR MOUNTED
   (8) WOOD SCREWS #8 1-1/4" (32MM)
   (4) NEOPRENE ISOLATORS, KARMAN RUBBER, K84-60 NEOPRENE
   (4) LOCK NUTS, 1/4-20 NYLON
   (4) WASHERS, 1/4" (7MM) FLAT



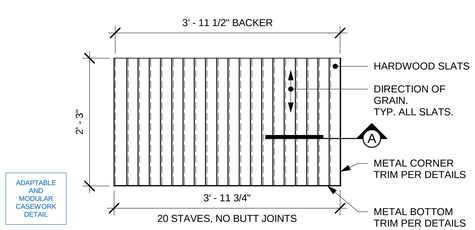
3 ESPRESSO PUMP CABINET MOUNT

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

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



A ENLARGED SECTION PROFILE
NOT TO SCALE

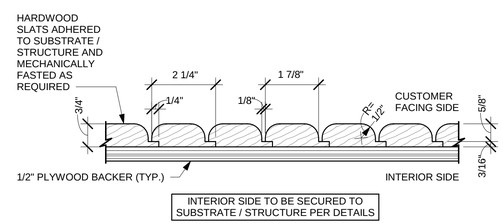


ELEVATION

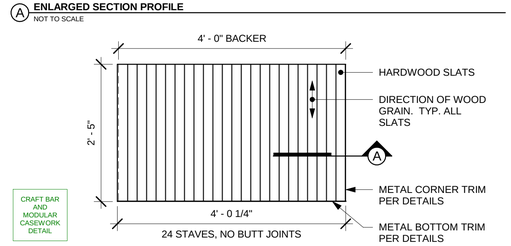
4 FINISH APPLICATION (MAD 101-V) SLAT W/ REVEAL

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

0 1' 2' 3'
Scale: 3/4" = 1'-0"



A ENLARGED SECTION PROFILE
NOT TO SCALE



ELEVATION

5 FINISH APPLICATION (MAD 200-V) ROUNDED SLAT W/ REVEAL

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

0 1' 2' 3'
Scale: 3/4" = 1'-0"

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SCALE: AS SHOWN

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I506

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CASEWORK SCHEDULE - "C"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
CABINET					
11155	2	ESPRESSO MACHINE PUMP MOUNT - 10X10IN 255X255MM	SB	GC	PROVIDED BY CASEWORK VENDOR
19281	2	CABINET - ESPRESSO ICE BIN STAINLESS - 20IN 510MM	SB	GC	PROVIDED BY CASEWORK VENDOR
21889	2	CABINET - BOX BASE: POS (1) 2'-7 1/2" X 2'-4"	SB	GC	PROVIDED BY CASEWORK VENDOR
21891	11	CABINET - BOTTOM SHELF - 15IN 380MM	SB	GC	PROVIDED BY CASEWORK VENDOR
21892	9	CABINET - BACK PANEL - 15IN 380MM	SB	GC	PROVIDED BY CASEWORK VENDOR
21893	5	CABINET - ADJUSTABLE SHELF - 15IN 380MM	SB	GC	PROVIDED BY CASEWORK VENDOR
21894	7	CABINET - DOOR - 15IN 380MM	SB	GC	PROVIDED BY CASEWORK VENDOR
21895	5	CABINET - DOOR TRASH - 15IN 380MM	SB	GC	PROVIDED BY CASEWORK VENDOR
21896	2	CABINET - DRAWER - 15IN 380MM	SB	GC	PROVIDED BY CASEWORK VENDOR
21898	1	CABINET - BOTTOM SHELF - 18IN 455MM	SB	GC	PROVIDED BY CASEWORK VENDOR
21899	1	CABINET - BACK PANEL - 18IN 455MM	SB	GC	PROVIDED BY CASEWORK VENDOR
21901	1	CABINET - DOOR - 18IN 455MM	SB	GC	PROVIDED BY CASEWORK VENDOR
21902	3	CABINET - BOTTOM SHELF - 30IN 760MM	SB	GC	PROVIDED BY CASEWORK VENDOR
21903	1	CABINET - BACK PANEL - 30IN 760MM	SB	GC	PROVIDED BY CASEWORK VENDOR
21904	5	CABINET - ADJUSTABLE SHELF - 30IN 760MM	SB	GC	PROVIDED BY CASEWORK VENDOR
21905	1	CABINET - DOOR - 30IN 760MM	SB	GC	PROVIDED BY CASEWORK VENDOR
21906	1	CABINET - END CAP FRONTBAR: END CAP (1) 2'-11"	SB	GC	PROVIDED BY CASEWORK VENDOR
21907	2	CABINET - END CAP BACKBAR: END CAP (2) 2'-5 3/4"	SB	GC	PROVIDED BY CASEWORK VENDOR
21908	1	CABINET - FILLER PANEL - VARIABLE LENGTH: FIT KIT (1) 0'-6"	SB	GC	PROVIDED BY CASEWORK VENDOR
21912	2	CABINET - BACK PANEL FOR POS - 30IN 760MM	SB	GC	PROVIDED BY CASEWORK VENDOR
21913	2	CABINET - EQUIPMENT MOUNTING PANEL: FRONT BAR (2) 2'-0 5/8"	SB	GC	PROVIDED BY CASEWORK VENDOR
21914	5	FRIDGE STOP BRACKET SET	SB	GC	PROVIDED BY CASEWORK VENDOR
22749	1	CABINET - ESPRESSO PUMP MOUNT PANEL	SB	GC	PROVIDED BY CASEWORK VENDOR
22986	1	CABINET - DELIVERY DRAWER - 15IN 380MM	SB	GC	PROVIDED BY CASEWORK VENDOR
23385	1	CABINET - BOTTOM SHELF - 9IN 230MM	SB	GC	PROVIDED BY CASEWORK VENDOR
23391	1	CABINET - CBE ICE DISPENSE BRACKET	SB	GC	PROVIDED BY CASEWORK VENDOR
23392	1	CABINET - CBE ICE DISPENSE DOOR - 24IN 610MM	SB	GC	PROVIDED BY CASEWORK VENDOR
23393	3	CABINET - CBE MILK DISPENSE BRACKET SLIDE	SB	GC	PROVIDED BY CASEWORK VENDOR
23394	2	CABINET - CBE MILK DISPENSE DOOR - 10IN 255MM	SB	GC	PROVIDED BY CASEWORK VENDOR
23395	1	CABINET - CBE MILK DISPENSE DOOR - 11IN 280MM	SB	GC	PROVIDED BY CASEWORK VENDOR
23415	1	PANEL - CBE FRONT PANEL UPPER IN-LINE	SB	GC	PROVIDED BY CASEWORK VENDOR
23416	2	PANEL - CBE INTERIOR PANEL UPPER: CBE (2) 1'-9 3/4"	SB	GC	PROVIDED BY CASEWORK VENDOR
CAFE					
20129	1	CONDIMENT CART THREE DROP - WALNUT AND WHITE WD0077 CP0002	SB	GC	PROVIDED BY CASEWORK VENDOR
20382	1	FREESTANDING 1 UNIT SHORT - 36IN 915MM - WALNUT WD0077	SB	GC	PROVIDED BY CASEWORK VENDOR
20383	1	FREESTANDING INLINE 2 UNIT SHORT - 72IN 1830MM - WALNUT WD0077	SB	GC	PROVIDED BY CASEWORK VENDOR
COUNTERTOP					
21919	1	COUNTERTOP - FILLER BACKBAR: BACKBAR (1) 0'-5" - FINISH: CP0005 - BLACK WITH FLECKS	SB	GC	PROVIDED BY CASEWORK VENDOR
21920	1	COUNTERTOP - FRONTBAR - 15IN 380MM - FINISH: CP0005 - BLACK WITH FLECKS	SB	GC	PROVIDED BY CASEWORK VENDOR
21923	2	COUNTERTOP - END CAP FRONTBAR: FRONT BAR (1) 0'-1 1/4" (1) 0'-3" - FINISH: CP0005 - BLACK WITH FLECKS	SB	GC	PROVIDED BY CASEWORK VENDOR
21928	2	COUNTERTOP - END CAP BACKBAR: BACK BAR (2) 0'-3" - FINISH: CP0005 - BLACK WITH FLECKS	SB	GC	PROVIDED BY CASEWORK VENDOR
22328	1	COUNTERTOP - BREW - LF - 90IN 2285MM - FINISH: CP0005 - BLACK WITH FLECKS	SB	GC	PROVIDED BY CASEWORK VENDOR
22352	1	COUNTERTOP - ESPRESSO FRONTBAR - LF - 141IN 3580MM - FINISH: CP0005 - BLACK WITH FLECKS	SB	GC	PROVIDED BY CASEWORK VENDOR
22354	1	COUNTERTOP - ESPRESSO SHROUD - 141IN 3580MM - FINISH: CP0005 - BLACK WITH FLECKS	SB	GC	PROVIDED BY CASEWORK VENDOR
22361	1	COUNTERTOP - POS - 84IN 2135MM - FINISH: CP0005 - BLACK WITH FLECKS	SB	GC	PROVIDED BY CASEWORK VENDOR

CASEWORK SCHEDULE - "C"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
22385	1	COUNTERTOP - WARMING WITH RACK - RF - 110IN 2795MM - FINISH: CP0005 - BLACK WITH FLECKS	SB	GC	PROVIDED BY CASEWORK VENDOR
22390	1	COUNTERTOP - CONSOLIDATED HANDOFF - RF - 45IN 1145MM - FINISH: CP0005 - BLACK WITH FLECKS	SB	GC	PROVIDED BY CASEWORK VENDOR
22395	1	COUNTERTOP - HAND SINK LOW SPLASH - 15IN 380MM - FINISH: METAL - STAINLESS STEEL - BRUSHED	SB	GC	PROVIDED BY CASEWORK VENDOR
X23403	1	COUNTERTOP - CBE IN-LINE RF - 139IN 3530MM - FINISH: CP0005 - BLACK WITH FLECKS	SB	GC	PROVIDED BY CASEWORK VENDOR
DIEWALL					
21885	8	DIEWALL - FRAMING - VARIABLE LENGTH: POS (1) 7'-0 3/4", ESP (1) 11'-9", DEL (1) 1'-3", CHP (1) 3'-9 3/4", CBE (1) 11'-7 3/4", ADD (1) 1'-3", BRW (1) 7'-6", WRM (1) 9'-7 3/4"	SB	GC	PROVIDED BY CASEWORK VENDOR
21886	5	DIEWALL - BASE - VARIABLE LENGTH: POS (1) 7'-0 3/4", ESP (1) 11'-9", DEL (1) 1'-3", CHP (1) 3'-8 1/4", END PANEL (1) 2'-4"	SB	GC	PROVIDED BY CASEWORK VENDOR
21887	5	DIEWALL - BASE - VARIABLE LENGTH: POS (1) 7'-0 3/4", ESP (1) 11'-9", DEL (1) 1'-3", CHP (1) 3'-10 1/2", END PANEL (1) 2'-10 1/4"	SB	GC	PROVIDED BY CASEWORK VENDOR
21888	33	DIEWALL - SUPPORT LEG: FRONT BAR (14) 2'-9 1/4", BACK BAR (19) 2'-4 3/4"	SB	GC	PROVIDED BY CASEWORK VENDOR
23412	1	DIEWALL - FRAMING UPPER - VARIABLE LENGTH: CBE (1) 5'-5 1/2"	SB	GC	PROVIDED BY CASEWORK VENDOR
23413	4	DIEWALL - SUPPORT ARM UPPER: CBE (4) 1'-11 1/2"	SB	GC	PROVIDED BY CASEWORK VENDOR
23417	2	CABINET - CBE UPPER SIDE PANEL: CBE (2) 2'-0 1/2"	SB	GC	PROVIDED BY CASEWORK VENDOR
FENCE AND RAILING					
X5004	1	LEAN ON RAIL WALL MOUNTED - DOUBLE CURVED - CARAMEL BROWN NATURAL F0008 - BY CASEWORK VENDOR	SB	GC	PROVIDED BY CASEWORK VENDOR
PANEL					
21890	22	CABINET - SIDE PANEL: FRONT BAR (8) 1'–9 3/4", BACK BAR (14) 1'–9 3/4"	SB	GC	PROVIDED BY CASEWORK VENDOR
21933	5	DIEWALL - BASE - VARIABLE LENGTH: POS (1) 7'-1 1/4", ESP (1) 11'-9", DEL (1) 1'-3", CHP (1) 3'-11 3/4", END PANEL (1) 2'-11"	SB	GC	PROVIDED BY CASEWORK VENDOR
X21933	1	CUSTOM - FOOD CASE FINISH PANEL: FOOD CASE (1) 0'-10 3/4" X 2'-4"	SB	GC	PROVIDED BY CASEWORK VENDOR
TRIM					
X5000	1	1" HORIZONTAL WOOD TRIM - FINISH: WD0077 - WALNUT	SB	GC	PROVIDED BY CASEWORK VENDOR. SEE INTERIOR DETAILS FOR MORE INFORMATION
X5001	1	3 SIDES OPENING TRIM AROUND STOREFRONT BAR - FINISH: WD0077 - WALNUT	SB	GC	PROVIDED BY CASEWORK VENDOR. LOCATED AROUND STOREFRONT BAR.
X5003	1	3 SIDES OPENING TRIM AROUND WORKROOM ELIASON DOOR - FINISH: MT0028 - BLACK POWDERCOAT	SB	GC	PROVIDED BY CASEWORK VENDOR. LOCATED AROUND WORKROOM ELIASON DOOR
X5005	1	2 SIDES OPENING TRIM AROUND STOREFRONT SIDELITE - FINISH: WD0077 - WALNUT	SB	GC	PROVIDED BY CASEWORK VENDOR. LOCATED AROUND STOREFRONT SIDELITE.
X5006	1	3 SIDES OPENING TRIM AROUND ENTRY DOOR - FINISH: WD0077 - WALNUT	SB	GC	PROVIDED BY CASEWORK VENDOR. LOCATED AROUND ENTRY DOOR

CW FINISH - NCS

LOCATION	DESCRIPTION	FINISH CODE	COMMENTS
CABINET			
CBE UPPER CABINET	PLASTIC LAMINATE - NATURAL CAMBRIC	PL0042	PROVIDED BY CASEWORK VENDOR
UNDERCOUNTER CABINET INTERIOR	PLASTIC LAMINATE - WHITE HDPE	PL0043	PROVIDED BY CASEWORK VENDOR
UNDERCOUNTER CABINET EXTERIOR	PLASTIC LAMINATE - MATTE BLACK MOTTLED	CP0024	PROVIDED BY CASEWORK VENDOR
UNDERCOUNTER CABINET LEGS	METAL - FLAT BLACK POWDERCOAT	MT0028	PROVIDED BY CASEWORK VENDOR
CAFE			
TRASH DROP UNIT	WOOD WALNUT - REVEAL SLAT - VERTICAL	WD0077 / MAD101 / CP0005	PROVIDED BY CASEWORK VENDOR
LEAN ON RAIL	LEATHER - CARAMEL BROWN NATURAL	F0008	PROVIDED BY CASEWORK VENDOR
CAFE SHORT MERCH UNIT	WOOD - WALNUT / METAL - HOT ROLLED STEEL	WD0077 / MT0011	PROVIDED BY CASEWORK VENDOR
COUNTERTOP - BACK BAR			
END CAP, FIT KIT, WRM, BRW, CBE	COMPOSITE - BLACK WITH FLECKS	CP0005	PROVIDED BY CASEWORK VENDOR
COUNTERTOP - FRONT BAR			
END CAP, POS, ESP, DEL, CHP, END PANEL	COMPOSITE - BLACK WITH FLECKS	CP0005	PROVIDED BY CASEWORK VENDOR
ESPRESSO SHROUD	COMPOSITE - BLACK WITH FLECKS	CP0005	PROVIDED BY CASEWORK VENDOR
FINISH PANELS			
FOOD CASE, END CAP, POS, ESP, DEL, CHP, END PANEL	WOOD - WALNUT - REVEAL SLAT - VERTICAL	WD0077 / MAD101	PROVIDED BY CASEWORK VENDOR
MOP	WOOD - WALNUT - ROUNDED - VERTICAL	WD0077 / MAD200-V	PROVIDED BY CASEWORK VENDOR
OTHER			
3 SIDES OPENING TRIM	WOOD - WALNUT	WD0077	PROVIDED BY CASEWORK VENDOR. LOCATED AROUND STOREFRONT BAR.
HORIZONTAL WOOD TRIM	WOOD - WALNUT	WD0077	PROVIDED BY CASEWORK VENDOR. SEE INTERIOR DETAILS FOR MORE INFORMATION
3 SIDES OPENING TRIM	METAL - FLAT BLACK POWDERCOAT	MT0028	PROVIDED BY CASEWORK VENDOR. LOCATED AROUND WORKROOM ELIASON DOOR
2 SIDES OPENING TRIM	WOOD - WALNUT	WD0077	PROVIDED BY CASEWORK VENDOR. LOCATED AROUND STOREFRONT SIDELITE.

RESPONSIBILITY LEGEND

GC GENERAL CONTRACTOR
LL LANDLORD
SB STARBUCKS

BID / PERMIT SET - INTENDED FOR CONSTRUCTION USE

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STARBUCKS TEMPLATE VERSION i2021.04.23

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PROJECT NAME:
BRIARCLIFF MANOR, NY

PROJECT ADDRESS:
107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #: 09369
PROJECT #: 26336-078
ISSUE DATE: 12-22-2023
DESIGN MANAGER: ANNIE SONG
ENGINEER OF RECORD: KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
SCHEDULES

SCALE: AS SHOWN

SHEET NUMBER:
I601

12/18/2023 9:44:51 AM C:\Users\cmoy\Documents\26336-078_Briarcliff Manor, NY_CD Bid Permit_cmoyWPR4Q.rvt

FURNITURE SCHEDULE - "F"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
CHAIR					
21367	2	CHAIR - CAFE PEGGY UPHOLSTERED - WALNUT AND CARAMEL BROWN NATURAL WD0077 F0008	SB	GC	INDOOR - LOCATED AT WORKROOM
TK0077	1	CHAIR - MANAGERS WORKSTATION	SB	GC	INDOOR - LOCATED AT WORKROOM
DESK					
TK0053	1	DESK - MANAGERS WORKSTATION SHELVES - 48IN 1220MM	SB	GC	INDOOR - LOCATED AT WORKROOM
TK0076	1	DESK - MANAGERS WORKSTATION - 48X24X27IN 1220X610X685MM	SB	GC	INDOOR - LOCATED AT WORKROOM
MIRROR					
TK0050	1	MIRROR - BOH - 16X51IN 405X1295MM	SB	GC	INDOOR - LOCATED AT WORKROOM
OTHER					
10756	1	COAT HOOK 1 PRONG SQUARE - 2IN 50MM - SST	SB	GC	INDOOR - LOCATED IN RESTROOM
STORAGE					
TK0078	1	FILE MOBILE PEDESTAL WITH CUSHION AND LOCK	SB	GC	INDOOR - LOCATED AT WORKROOM
TK0079	1	MANAGERS DESK CART - 24X20IN 610X510MM	SB	GC	INDOOR - LOCATED AT WORKROOM
TABLE					
10985	1	TABLE - TOP SQUARE - 24IN 610MM - WALNUT	SB	GC	INDOOR - LOCATED AT WORKROOM
16520	1	TABLE - BASE CAFE HEIGHT DOME ACCENT - 20IN 510MM - HOT ROLLED STEEL MT0011	SB	GC	INDOOR - LOCATED AT WORKROOM

GRAPHICS AND ARTWORK SCHEDULE - "G"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
GRAPHICS - ARTWORK					
16953	1	ART - MICHAEL HANSON - COLOMBIA 1 - BW	SB	GC	DESIGNER TO SPECIFY OPTIONS - FORMAT, DIMENSIONS, FINISHES, CROP, ETC.
16967	1	ART - MICHAEL HANSON - COLOMBIA 8 - BW	SB	GC	DESIGNER TO SPECIFY OPTIONS - FORMAT, DIMENSIONS, FINISHES, CROP, ETC.
16973	1	ART - MICHAEL HANSON - COLOMBIA 11 - BW	SB	GC	DESIGNER TO SPECIFY OPTIONS - FORMAT, DIMENSIONS, FINISHES, CROP, ETC.
17003	1	ART - MICHAEL HANSON - COLOMBIA 26 - BW	SB	GC	DESIGNER TO SPECIFY OPTIONS - FORMAT, DIMENSIONS, FINISHES, CROP, ETC.
22176	1	ART - KELLY BJORK - PIKE PLACE MARKET PATCHWORK	SB	GC	DESIGNER TO SPECIFY OPTIONS - FORMAT, DIMENSIONS, FINISHES, ETC. THIS IMAGE CANNOT BE CROPPED
GRAPHICS - OTHER					
X2000	1	BREAK ROOM BULLETIN BOARD - 36X24IN	SB	GC	TO BE ORDERED PER CT CODE. TO BE PROVIDED BY DISTRICT MANAGER.

SIGNAGE SCHEDULE - "S"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	BULB	COMMENTS
SIGNAGE - WORDMARK						
X0001	1	SIGN - INLINE FLUSH MOUNTED - PRIMARY. WHITE STARBUCKS TEXT ON BACKERBOARD.	SB	SB/LL	N/A	REGIONAL SIGNAGE VENDOR TO SUPPLY & INSTALL. UNDER SEPARATE PERMIT PACKAGE. DESIGN PER LANDLORD CRITERIA.
X0002	1	SIGN - INLINE FLUSH MOUNTED - SECONDARY. WHITE STARBUCKS TEXT ON BACKERBOARD.	SB	SB/LL	N/A	REGIONAL SIGNAGE VENDOR TO SUPPLY & INSTALL. UNDER SEPARATE PERMIT PACKAGE. DESIGN PER LANDLORD CRITERIA.

CEILING TREATMENT SCHEDULE - "U"

DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
ACT					
22764	212 SF	ACT - SW7047 PORPOISE PAINTED - 2X4FT 61X122CM	GC	GC	COLOR: SW7047; INCLUDES GRID, TEES, AND TILE. MANUFACTURER: ARMSTRONG, STYLE: CIRRUS SECOND LOOK III, SUSPENSION SYSTEM: SUPRAFINE 9/16" BEVELED TEGULAR. FOR ORDERING CONTACT DEB PICKENS AT DLPICKENS@ARMSTRONGCEILINGS.COM, PH: 480-695-9053
OTHER					
19734	305 SF	ACT - ULTIMA - 2X2FT 61X61CM	GC	GC	COLOR: STANDARD WHITE; FOR ORDERING CONTACT DEB PICKENS AT DLPICKENS@ARMSTRONGCEILINGS.COM, PH: 480-695-9053

WALL BASE SCHEDULE - "B"

DESIGN ID	LENGTH	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
TILE BASE					
18740	96' - 1 3/4"	TILE BASE - PLAZA NOVA - BLACK SHADOW - 6X12IN 150X300MM	SB	GC	GROUT BY GC: MAPEI - 47 CHARCOAL, OR EQUAL
19795	270' - 10 1/2"	POLYVINYL FLOOR TILE - ECOGRIP - PEWTER	GC	GC	LOCATED AT WORKROOM VD: ALLIED INDUSTRIES ECO-GRIP; CONTACT: STARBUCKS@ECOGRIP.COM; NATIONAL ACCOUNT REPRESENTATIVE:JEFF WEST PH#336-399-5632

WALL TREATMENT (LENGTH) SCHEDULE- "R' HORIZONTAL"

DESIGN ID	LENGTH	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
CHAIR RAIL					
X9401	60' - 3 3/4"	CHAIR RAIL - 2IN X 1IN - FINISH: WD0077 WALNUT	SB	GC	PROVIDED BY CASEWORK VENDOR; TOP OF CHAIR RAIL MOUNTED AT 3'-0" AFF. SEE INTERIOR DETAILS FOR MORE INFORMATION.
WAINSCOT					
X9400	60' - 1"	WAINSCOT - WOOD - WD0077 - WALNUT - REVEAL SLAT - VERTICAL - MAD101-V	SB	GC	WOOD TO BE "PREMIUM CUT". PROVIDED BY CASEWORK VENDOR. INSTALLED AT CAFE MOUNTED FROM 6" UP TO 3'-0" A.F.F. SEE INTERIOR DETAILS FOR MORE INFORMATION.
X9402	2' - 7 1/4"	WAINSCOT - WOOD - WD0077 - WALNUT - ROUNDED SLAT - VERTICAL - MAD200-V	SB	GC	WOOD TO BE "PREMIUM CUT". PROVIDED BY CASEWORK VENDOR. INSTALLED AT CAFE MOUNTED FROM 6" UP TO 3'-0" A.F.F. SEE INTERIOR DETAILS FOR MORE INFORMATION.

WALL TREATMENT (LENGTH) SCHEDULE- "R' VERTICAL"

DESIGN ID	LENGTH	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
RAILING					
X5002	6"	VERTICAL SCHLUTER JOLLY AC TILE EDGE TRIM - FINISH: BEIGE	SB	GC	PROVIDED BY CASEWORK VENDOR. INSTALLED IN BACKBAR WALL TILE CORNERS; PROFILE SIZE SELECTED BY GC

FLOOR TREATMENT SCHEDULE - "T"

DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
PLASTIC					
19795	868 SF	POLYVINYL FLOOR TILE - ECO-GRIP - PEWTER	GC	GC	GC TO PROCURE FROM ALLIED INDUSTRIES
TILE					
20228	349 SF	TILE - I COCCI - CEMENTO - 24X24IN 600X600MM	SB	GC	GROUT BY GC: MAPEI - 47 CHARCOAL, OR EQUAL
WALK OFF MAT					
19288	16 SF	WALK OFF MAT - HELIX Z1 - BLACK	SB	GC	LOCATED AT ENTRY DOOR. CANNOT BE CUT TO SIZE; USE HELIX Z1 AS BORDER WHEN FULL TILES CANNOT BE PLACED.

PAINT SCHEDULE

DESIGN ID	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
20437	SW7019 GAUNTLET GRAY, OR EQUIVALENT	GC	GC	SW USE PRIMER CP-1; NCS - S 5000-N; AKZO NOBEL - 30YY 20/029
20448	SW7047 PORPOISE, OR EQUIVALENT	GC	GC	PAINT ON CAFE ACT CEILING

WALL TREATMENT (AREA) SCHEDULE - "Q"

DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
PLASTIC					
X9802	14 SF	PLAM - BLACK - PL0028	SB	GC	PROVIDED BY CASEWORK VENDOR. PANEL SIZE = 7'-6"W x 1'-10"H
TILE					
14390	166 SF	TILE - UMI NAYA - CREAM - 2X8	SB	GC	GROUT BY GC: MAPEI - 01 ALABASTER, OR EQUAL
WALL COVERING					
11469	827 SF	FRP - WHITE	GC	GC	LOCATED BEHIND EXPOSED CABINETRY AND UNDER COUNTERTOPS AT ENGINE AND FULL HEIGHT AT WORKROOM WALLS
21060	147 SF	WALL COVERING - ACCORD - SHARK	SB	GC	LOCATED AT CAFE. PROVIDED BY CASEWORK VENDOR. SEE INTERIOR ELEVATIONS FOR MORE INFORMATION.
WOOD					
X9800	212 SF	WOOD - WALNUT - REVEAL SLAT - VERTICAL MAD101V	SB	GC	WOOD TO BE "PREMIUM CUT". PROVIDED BY CASEWORK VENDOR. INSTALL AT BAR/ ENGINE AND CAFE WALLS. SEE INTERIOR ELEVATIONS FOR MORE INFORMATION.
X9801	68 SF	WOOD - WALNUT VENEER	SB	GC	LOCATED AT INDICATED BACK BAR WALLS. PROVIDED BY CASEWORK VENDOR. LOCATED ON BACKBAR WALL.

RESPONSIBILITY LEGEND

GC GENERAL CONTRACTOR
LL LANDLORD
SB STARBUCKS

B I D / P E R M I T S E T - I N T E N D E D F O R C O N S T R U C T I O N U S E

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STARBUCKS TEMPLATE VERSION i2021.04.23

REGISTERED ARCHITECT
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PROJECT NAME:
BRIARCLIFF MANOR, NY

PROJECT ADDRESS:
107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #: 09369
PROJECT #: 26336-078
ISSUE DATE: 12-22-2023
DESIGN MANAGER: ANNIE SONG
ENGINEER OF RECORD: KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
SCHEDULES

SCALE: AS SHOWN

SHEET NUMBER:
I602

MECHANICAL EQUIPMENT SCHEDULE - "M"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
FAN					
X8001	1	FAN - REAR SERVICE DOOR AIR CURTAIN - 45IN 1140M	SB	GC	FINISH: SST OR BLACK. REFER TO MECHANICAL DRAWINGS FOR FINAL SPECIFICATIONS
OTHER					
17797	1	ENERGY MANAGEMENT SYSTEM - HVAC ONLY	SB	GC	REFER TO MECHANICAL DRAWINGS FOR FINAL SPECIFICATIONS

PLUMBING FIXTURE SCHEDULE - "P"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
DRAIN					
10294	6	DRAIN - FLOOR SINK SQUARE - 12IN 305MM	SB	GC	ZURN-FD2375-H; REFER TO PENETRATION PLAN FOR FINAL LOCATION
10594	2	DRAIN - FLOOR SINK SQUARE - 5IN 125MM	GC	GC	SMITH-2005Y02-B05NB-P050-B; REFER TO PENETRATION PLAN FOR FINAL LOCATION
10726	6	DRAIN - GRATE HALF SQUARE - 12IN 305MM	SB	GC	ZURN-FD2375-H; REFER TO PENETRATION PLAN FOR FINAL LOCATION
FAUCET					
10152	1	FAUCET - DOUBLE LABORATORY WITH BENT RISER SPOUT	SB	GC	
10153	4	FAUCET - WATER TOWER - 12IN 305MM	SB	GC	
10215	2	FAUCET - DOUBLE LABORATORY WITH SWING SPOUT	SB	GC	
10597	1	FAUCET - SINGLE HANDLE	SB	GC	1.2 GPM VALVE
10874	1	FAUCET - HOT WATER DISPENSER GOOSENECK	SB	GC	
11003	2	FAUCET - METERED	SB	GC	METERING FAUCET
22642	2	FAUCET - INSTANTHOT SYSTEM 2 BUTTON WITH BOILER AND BRACKET	SB	GC	KIT INCLUDES FONT, UNDERCOUNTER BOILER AND BOILER BRACKET FOR SIDE PANEL MOUNTING. BRACKET CAN BE FLOOR MOUNTED USING SET OF (4) STAINLESS STEEL LEGS, ORDERED SEPARATELY THROUGH VENDOR.
SINK					
10549	1	SINK - RINSE DROP IN SST - 12X20IN 305X510MM	SB	GC	
17565	1	SINK - RINSE WITH DRAINBOARD - 15X27IN 380X685MM	SB	GC	
18743	1	SINK - WATER FILLING STATION - 36X24IN 915X610MM	SB	GC	
22768	2	SINK - COUNTERTOP RINSER WITH WATER TOWER - 26X9IN 660X235MM	SB	GC	T&S BRASS AND BRONZE WORKS, INC. MODEL NO. B-3972-01 WASTE DRAIN VALVE W/ LEVER HANDLE, 3-1/2" SINK OPENING, 2" NPT. MALE THREAD, 1-1/2" NPT FEMALE THREAD

DATA DEVICE SCHEDULE - "A"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
AUDIO VISUAL					
10005	1	MUSIC SYSTEM	SB	GC	GC TO INSTALL AND TEST SYSTEM
10013	2	DT QUEUE CAMERA	SB	GC	GC TO COORDINATE W/ SB VENDOR
10015	2	SPEAKER RECESSED - WHITE	SB	GC	VD: PLAYNETWORK; MODEL;SONACE PS-C43RT, SKU40130 WHITE
19339	1	AMPLIFIER - 40W	SB	GC	
22549	2	SPEAKER GRILLE RECESSED - BLACK	SB	GC	VD: PLAYNETWORK; MODEL: SONACE PS-C43RT, SKU40130 WHITE
GRAPHICS - INTERIOR MENU					
22970	4	MENU BOARD - DIGITAL DISPLAY - 44X25.25IN 1121X644MM - BLACK	SB	SB	GC TO COORD. W/ SB VENDOR
22972	1	MENU BOARD - DIGITAL MENU BOARD MOUNTING BRACKET THREE SCREEN - BLACK	SB	SB	GC TO COORD. W/ SB VENDOR
23021	1	MENU BOARD - ORDER STATUS BOARD MOUNTING BRACKET - BLACK	SB	SB	GC TO COORD. W/ SB VENDOR
POINT OF SALE					
10075	1	CUP LABELER	SB	SB	GC TO COORD. W/ SB VENDOR

LIGHTING FIXTURE SCHEDULE - "L"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	BULB	COMMENTS
EMERGENCY LIGHT						
X7001	2	RECESSED POP-UP EMERGENCY LIGHT - 8INX8IN SQUARE - BLACK	SB	GC	(1) LED A19 2700K OR EQUAL - DESIGNER TO SPECIFY LUMEN OUTPUT	BY FSGI. CONCEALITE MODEL# F5-LED6.5-90. GC TO POWDERCOAT TO MATCH ADJACENT SCHEDULED CEILING FINISH
EXIT						
19057	3	LED EMERGENCY LIGHT DOUBLE - BLACK	SB	GC	INTEGRATED LED	
PENDANT						
20774	2	PENDANT - REJUVENATION CEDAR AND MOSS - 10IN 255MM - OILED BRONZE	SB	GC	INTEGRATED LED	BY FSGI
RECESSED CAN						
21771	23	CAN - LED ADJUSTABLE RECESSED - 3IN 75MM - BLACK - 800LM FLOOD	SB	GC	INTEGRATED LED	BY FSGI
STRIP						
21781	3	STRIP - LED TAPE IN HOUSING - VARIABLE LENGTH - ALUMINUM - 350LM PER FT. BACKBAR COVE 1 = 21'-0". BACKBAR COVE 2 = 2'-3". FRONTBAR COUNTER = 24'-2".	SB	GC	INTEGRATED LED	BY FSGI. FIELD TRIMMABLE TO 0.9IN LENGTHS
TRACK						
12946	5	TRACK - WITH CONNECTORS - 4FT 122CM - BLACK - 1 CIRCUIT	SB	GC	INTEGRATED LED	BY FSGI
21779	14	TRACK - LED FIXTURE WITH SNOOT - 3IN 75MM - BLACK - 1100LM FLOOD	SB	GC	INTEGRATED LED	BY FSGI
22401	11	TRACK - LED FIXTURE WITH SNOOT - 3IN 75MM - BLACK - 1100LM WIDE FLOOD	SB	GC	INTEGRATED LED	BY FSGI
TROFFER						
21783	4	TROFFER - LED RECESSED - 24X48IN 600X1200MM - WHITE - 4300LM	SB	GC	INTEGRATED LED	BY DOLAN

SPECIALTY EQUIPMENT SCHEDULE - "E"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
COOLING					
10267	2	FRIDGE UNDERCOUNTER 1 DOOR - 27IN 685MM	SB	GC	
12618	1	FRIDGE UNDERCOUNTER 1 DOOR WITH SHELF - 27IN 685MM	SB	GC	
13682	2	FREEZER REACH IN 2 DOOR - 54IN 1370MM	SB	GC	
EQUIPMENT					
17564	1	BLENDER PITCHER RINSER WITH SENSOR	SB	GC	
23419	3	MILK DISPENSER	SB	GC	
FOOD CASE					
21215	1	FOOD CASE - ZEPHYR - 28IN 710MM	SB	GC	
ICE					
18029	1	ICE - BIN B110	SB	GC	BPF-1 ADAPTER KIT (011076103) REQUIRED WHEN PAIRING WITH 30" (760MM) ICE MACHINES
19278	2	ICE - BIN DROP IN 45LB 20KG HORIZONTAL	SB	GC	
23186	1	ICE - MACHINE HMD1410NBT REMOTE COOLED	SB	GC	
23421	1	ICE - NUGGET ICE DISPENSER	SB	GC	
23422	1	ICE - NUGGET ICE DISPENSER RIDE	SB	GC	
23423	1	ICE - NUGGET ICE DIVERTER	SB	GC	
23424	2	ICE - NUGGET ICE DIVERTER CONTROL PANEL	SB	GC	
23526	1	ICE - BIN ADAPTOR FOLLETT B110H22H30DV PEDESTAL FOR B110 ICE - BIN ADAPTOR FOLLETT B110H22H30DV PEDESTAL FOR B110	SB	GC	
OTHER					
10091	1	CUP DISPENSER TALL HOT VERTICAL	SB	GC	
10218	10	CORNER GUARD - 0.75IN 20MM - CLEAR PLASTIC	SB	GC	GC TO CUT IN FIELD. AT WORKROOM FRP WALL CORNERS, SEE INTERIOR DETAILS FOR MORE INFORMATION.
10396	1	CUP DISPENSER SHORT HOT VERTICAL	SB	GC	
10791	2	CUP DISPENSER GRANDE VENTI COLD VERTICAL	SB	GC	
10855	2	CUP DISPENSER GRANDE VENTI HOT VERTICAL	SB	GC	
10858	1	CUP DISPENSER TALL COLD VERTICAL	SB	GC	
10992	1	PAPER TOWEL DISPENSER HALF SIZE - TRANSLUCENT GRAY	SB	GC	
11115	1	SOAP DISPENSER SINK MOUNTED	SB	GC	
13330	1	MOBILE CUP DISPENSER CADDY	SB	GC	
13584	1	CUP DISPENSER TRENTA COLD VERTICAL	SB	GC	
23420	2	REFRESHER DISPENSE SMALL	SB	GC	
STORAGE					
10416	1	WORKROOM SHELVING - 36IN 915MM	SB	GC	
10462	1	WORKROOM SHELVING POSTS	SB	GC	
19093	1	PASTRY TRAY CART - 41IN 1040MM	SB	GC	APPROVED FOR USE BY LICENSED STORES ONLY
21934	1	PASTRY TRAY RACK UNDERCOUNTER - 30IN 760MM	SB	GC	
22212	1	WORKROOM SHELVING CART KIT	SB	GC	
23445	1	PASTRY COOLING RACK WALL MOUNTED	SB	GC	
TK0048	1	5 COMP LOCKER - 15IN 380MM	SB	GC	

RESPONSIBILITY LEGEND

GC GENERAL CONTRACTOR
LL LANDLORD
SB STARBUCKS

BID / PERMIT SET - INTENDED FOR CONSTRUCTION USE

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STARBUCKS TEMPLATE VERSION i2021.04.23

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PROJECT NAME:
BRIARCLIFF MANOR, NY

PROJECT ADDRESS:
107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #: 09369
PROJECT #: 26336-078

ISSUE DATE: 12-22-2023
DESIGN MANAGER: ANNIE SONG
ENGINEER OF RECORD: KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
SCHEDULES

SCALE: AS SHOWN

SHEET NUMBER:
I603

DOOR SCHEDULE - "D"

DESIGN ID	MARK	DESCRIPTION	WIDTH	HEIGHT	HARDWARE SET	FURN BY	INST BY	COMMENTS
Interior								
13156	A	DOOR - SINGLE FLUSH	3' - 0"	7' - 0"	6	SB	GC	DOOR & FRAME FINISH: WD0073 - WHITE OAK. HARDWARE SET PROVIDED BY LOCKNET AND INSTALLED BY GC.
10086	B	DOOR - SINGLE IMPACT DOUBLE ACTING - FRAMELESS	3' - 0"	7' - 0"	11	SB	GC	DOOR FINISH: PL0030 - WARM BROWN GRAIN; HARDWARE SET BY LOCKNET & INSTALLED BY GC

DOOR HARDWARE SET NO. 6 - For restroom door with lever and privacy lock

No.	Item	Description	Manufacturer	Finish
3	Hanging Items	TA2714/MPB79 Hinge MacPro Bearing 5 x 4.5	McKinney	626
1	Securing Devices	PB5425LN Lock, Shallow Coin Turn, Privacy PB5425LN-693-497 1-3/4	Yale Lock	626
1	Closing Devices	8916 Door Closer 8916 AF89P	Dorma	689
2	Protective Trim Units	K1050 B4E Kickplate 8" x 34" Each Side 32D	Rockwood	630
3	Accessories	GJ64 Rubber Silencer	Glynn Johnson	Gray
1	Stops and Holders	473 Door Stop w/ Hook	Rockwood	626

DOOR HARDWARE SET NO. 11 - For workroom door at backbar

No.	Item	Description	Manufacturer	Finish
1	Traffic Door Package	SCP8 36" x 84"	Eliason	As Selected

RESPONSIBILITY LEGEND

GC GENERAL CONTRACTOR
LL LANDLORD
SB STARBUCKS

B I D / P E R M I T S E T - I N T E N D E D F O R C O N S T R U C T I O N U S E

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I604

ELECTRIC LEGEND

SYMBOL	DESCRIPTION
LIGHTING AND LIGHTING CONTROLS	
WALL MOUNT	SINGLE / DOUBLE SIDED EXIT SIGN CONNECT AHEAD OF SWITCHING & CONFIGURE ARROWS TO INDICATE DIRECTION OF EGRESS TRAVEL
	OUTDOOR AREA SITE LIGHTING STANDARD NUMBER OF LUMINAIRE HEADS AS INDICATED ON DRAWINGS.
$	LIGHTING SWITCH (KEYS: 2 = 2-POLE, 3 = 3-WAY, 4 = 4-WAY, D=DIMMER, K=KEYED, T = TIMER SWITCH, M = MOMENTARY-CONTACT, P = SWITCH W/PILOT LIGHT)
TYPE	CEILING-MOUNTED OCCUPANCY SENSOR. DUAL TECHNOLOGY UNLESS OTHERWISE NOTED BY TYPE. TYPE "IR" = INFRARED, TYPE "US" = ULTRASONIC
RECEPTACLES AND MISCELLANEOUS OUTLETS	
	SINGLE ("SIMPLEX"), DUPLEX, AND DOUBLE DUPLEX ("QUAD") RECEPTACLE RESPECTIVELY
	GFI / GFCI RECEPTACLES
MISCELLANEOUS	
T TS	LOW VOLTAGE THERMOSTAT (LEFT) AND TEMPERATURE SENSOR (RIGHT)
■	INDICATES DIRECT CONNECTION TO EQUIPMENT
$ $MS $MSR	MOTOR RATED TOGGLE SWITCH, MANUAL STARTER WITH PILOT LIGHT, AND MANUAL STARTER WITH PILOT LIGHT WITH EXTERNAL RELAY FOR CONTROL OR MONITORING RESPECTIVELY - ALL MAY BE KEYED "K"
	ELECTRICAL PANELBOARD OR DISTRIBUTION BOARD (DIMENSIONS MAY VARY / FLUSH OR SURFACE MOUNTED AS INDICATED)
PAD POLE	OIL FILLED TRANSFORMER
SINGLE LINE DIAGRAM	
	ELECTRIC UTILITY COMPANY METER AND ASSOCIATED CURRENT TRANSFORMERS
HD	CUSTOMER ELECTRIC METER AND ASSOCIATED CURRENT TRANSFORMERS HD = HIGH DENSITY METERING CABINET/BANK MOUNTED TO TIGHTLY GROUP ALL METERS TOGETHER
	ELECTRICAL PANELBOARD OR DISTRIBUTION BOARD
	SURGE PROTECTIVE DEVICE

ELECTRIC LEGEND

SYMBOL	DESCRIPTION
WIRE / CABLE / RACEWAY	
LPA-1,3	BRANCH CIRCUIT HOME RUN WITH PANEL NAME AND CIRCUIT NUMBER(S)
	CABLING / RACEWAY INSTALLED CONCEALED IN WALLS OR ABOVE CEILING
	CABLING / RACEWAY INSTALLED BELOW FLOOR OR GRADE
	CABLE TRAY
J	FLUSH MOUNTED JUNCTION BOX OR PULL BOX AS APPLICABLE FOR APPLICATION
UP DN	CONDUIT UP OR DOWN

ABBREVIATIONS

42"	DISTANCE ABOVE FINISHED FLOOR / GRADE / PAVEMENT	LR	LEGALLY REQUIRED STANDBY
AF	AMP FRAME OF FUSED SWITCH OR CIRCUIT BREAKER	LI	LONG - INSTANTANEOUS
AFCI	ARC-FAULT CIRCUIT INTERRUPTER	LSI	LONG - SHORT - INSTANTANEOUS
AT	AMP TRIP OF FUSED SWITCH OR CIRCUIT BREAKER	LSIG	LONG - SHORT - INSTANTANEOUS - GROUND FAULT
ATS	AUTOMATIC TRANSFER SWITCH	MCB	MAIN CIRCUIT BREAKER
BAS	BUILDING AUTOMATION SYSTEM	MFR	MANUFACTURER
C.T.C.	WORK UNDER DIVISION 27 OR 28 AS APPLICABLE	MLO	MAIN LUGS ONLY
C/B	CIRCUIT BREAKER	MTS	MANUAL TRANSFER SWITCH
C / CH	COUNTER HEIGHT OR SPECIAL HEIGHT DEVICE	MW	MICROWAVE OVEN
DW	DISHWASHER	NIC	NOT IN CONTRACT (SHOWN FOR REFERENCE ONLY)
E	EMERGENCY	NTS	NOT TO SCALE
E.C.	WORK UNDER DIVISION 26	OFE	OWNER-FURNISHED EQUIPMENT - INSTALLED AND WIRED BY E.C.
EMS	ENERGY MANAGEMENT SYSTEM	OS	OPTIONAL STANDBY
EPO	EMERGENCY POWER OFF	P.C.	WORK UNDER DIVISION 22
ER	EQUIPMENT ROOM	(R)	RELOCATE
ERM	ENERGY REDUCTION MAINTENANCE SWITCH	S.C.	WORK UNDER DIVISION 21
ESP	EMERGENCY STANDBY RATING	SCCR	SHORT CIRCUIT CURRENT RATING
ETR	EXISTING TO REMAIN	SPD	SURGE PROTECTIVE DEVICE
EWC	ELECTRIC WATER COOLER	ST	SHUNT TRIP
EX.	EXISTING	TAAC	TO ABOVE ACCESSIBLE CEILING
FBO	FURNISHED BY OTHERS - INSTALLED AND WIRED BY E.C.	TR	TAMPER RESISTANT
FIBO	FURNISHED AND INSTALLED BY OTHERS - WIRED BY E.C.	TTB	TELEPHONE TERMINAL BOARD
FP	RECEPTACLE TO BE USED FOR A FLAT PANEL DISPLAY.	TYP	TYPICAL
FWE	FURNISHED WITH EQUIPMENT BY OTHERS - INSTALLED AND WIRED BY E.C.	UCR	UNDER COUNTER REFRIGERATOR
		UL	UNDERWRITER'S LABORATORY
		U.L.S.E.	LISTED FOR SERVICE ENTRANCE
		UNO	UNLESS NOTED OR INDICATED OTHERWISE ON DRAWINGS OR IN SPECIFICATIONS
GD	GARBAGE DISPOSAL		
GFEP	GROUND FAULT EQUIPMENT PROTECTION		
GFI / GFCI	GROUND FAULT CIRCUIT INTERRUPTER DEVICE	VFD / VSD	VARIABLE FREQUENCY / SPEED DRIVE
GND	GROUND	VIF	VERIFY IN FIELD
		VM	VENDING MACHINE
H.C.	WORK UNDER DIVISION 23	VP	VANDAL PROOF
H.O.A.	"HAND - OFF - AUTO" SWITCH	W / WP	WEATHERPROOF
IG	ISOLATED GROUND	WG	WIRE GUARD
Isc	SHORT CIRCUIT CURRENT	WR	WEATHER RESISTANT
		X	RATED FOR CLASSIFIED LOCATION

PLAN-VIEW AND GRAPHIC LINE TYPES

WORK SHOWN BOLD-CONTINUOUS INDICATES NEW WORK
(UNLESS OTHERWISE INDICATED)

WORK SHOWN FADED INDICATES EXISTING WORK TO REMAIN OR NEW WORK BY OTHERS AS APPLICABLE
(UNLESS OTHERWISE INDICATED)

WORK SHOWN BOLD-DASHED INDICATES SELECTIVE DEMOLITION WORK
(UNLESS OTHERWISE INDICATED)

DRAWING SET APPEARANCE

TO BETTER COMMUNICATE SCOPE TO PERMIT AGENCIES AND CONTRACTORS, EACH DRAWING IN THIS DRAWING SET HAS BEEN CREATED IN BOTH "COLOR" AND "BLACK AND WHITE". THERE EXISTS A COLOR LAYER WITHIN EACH DRAWING WHERE VISIBILITY IS CONTROLLED THROUGH THE PDF LAYER MANAGER. THIS LAYER VISIBILITY CAN BE TOGGLED DISPLAYING EITHER "COLOR" OR "BLACK AND WHITE". TO MAINTAIN SCOPE BASED SHADING WHEN PRINTING TO PAPER, BLACK AND WHITE NEEDS TO BE VISIBLE.
FOR FURTHER INSTRUCTIONS, REFER TO CONTRACTOR RESOURCES ON OUR WEBSITE AND DOWNLOAD "DRAWING COLOR INSTRUCTIONS".
WWW.KLHENGRS.COM - CONTRACTOR RESOURCES (RIGHT HAND SIDE OF PAGE).

ELECTRIC DESIGN CRITERIA

APPLICABLE BUILDING CODES

2020 NEW YORK STATE BUILDING CODE (BASED ON THE INTERNATIONAL BUILDING CODE)
2017 NFPA 70 - NATIONAL ELECTRICAL CODE
2020 NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE

CARBON MONOXIDE (CO) DETECTOR NOTES

COORDINATE INSTALLATION OF CARBON MONOXIDE (CO) DETECTOR DEVICE(S) AND LOW VOLTAGE WIRING WITH STARBUCKS SECURITY VENDOR FOR NEW STORES, RELOCATIONS AND MAJOR RENOVATIONS, IF IN VENDOR SCOPE. VENDOR TO PROVIDE AND INSTALL DEVICE(S) IN BOH AND FOH (AS APPLICABLE PER STARBUCKS STANDARDS).

LIGHTING CONTROL SYSTEM

THE GENERAL CONTRACTOR SHALL INSTALL TIME CLOCK AND CONTACTORS. PRIOR TO LAST WEEK OF CONSTRUCTION, IF NEEDED, FURNISH AND INSTALL TEMPORARY THERMOSTATS AND SENSORS, AND ROUTE ALL LOW VOLTAGE WIRING THROUGH EC PROVIDED CONDUITS (COORDINATE WITH ELECTRICAL).

FURNISH AND INSTALL RACEWAYS WITH PULL STRINGS AND JUNCTION BOXES FOR THERMOSTAT(S) AND SENSOR(S).

SET RESTROOM OCCUPANCY SENSOR TO 15 MINUTE 'ON' DURATION IN SINGLE OCCUPANT RESTROOM AND TO 20 MINUTE 'ON' DURATION IN MULTI-OCCUPANT RESTROOM UNLESS JURISDICTION REQUIREMENTS STATE OTHERWISE.

THE GENERAL CONTRACTOR SHALL CONTACT A THIRD PARTY VENDOR PRIOR TO THE LAST WEEK OF CONSTRUCTION FOR COMMISSIONING.

SECURITY SYSTEM NOTES

STARBUCKS CONTRACTS DIRECTLY WITH SECURITY VENDOR TO SUPPLY AND INSTALL THE SECURITY SYSTEM. CONTRACTOR TO SCHEDULE INSTALLATION OF SECURITY SYSTEM FOR FOUR (4) TIMES;

1. MEET TO PLAN SECURITY CABLE PULL WITH SECURITY CABLE INSTALLER PRIOR TO DRYWALL INSTALLATION.
2. SECURITY CABLE INSTALLER PULLS SECURITY CABLES, MOUNTS PANEL, KEYPAD AND SENSORS.
3. SECURITY EQUIPMENT INSTALL OF CAMERA, NVR AND MONITOR.
4. SECURITY MONITORING COMPANY TO BRING SYSTEM ONLINE AND TRAIN PARTNERS AFTER POS INSTALL.

SECURITY VENDOR REQUIRES A MINIMUM TWO (2) WEEKS LEAD TIME FOR EACH INSTALLATION. SECURITY VENDOR WILL COORDINATE REGIONAL INSTALLERS. ALL ADDITIONAL EXPENSES INCURRED DUE TO THE CONTRACTOR'S FAILURE TO SCHEDULE ACCORDINGLY WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

TELEPHONE SYSTEM NOTES

IF ADDITIONAL TELEPHONE LINES ARE REQUIRED BEYOND THE STANDARD SINGLE LINE (SUCH AS FOR A FIRE ALARM) THE GENERAL CONTRACTOR SHALL CONTACT THE STARBUCKS CONSTRUCTION MANAGER PRIOR TO BEGINNING CONSTRUCTION TO ORDER THE ADDITIONAL TELEPHONE LINE(S). REPORT ANY TELEPHONE INSTALLATION ISSUES IMMEDIATELY TO THE STARBUCKS CONSTRUCTION MANAGER.

CONFIRM PRIOR TO BEGINNING CONSTRUCTION THAT THERE ARE EXISTING, WORKING TELCO FACILITIES TO THE BUILDING OR THAT LANDLORD HAS FURNISHED AND INSTALLED ONE (1) 2" (51MM) MIN. (ENTRANCE) CONDUIT INCLUDING PULL STRING FROM TELCO STREET FEED LINE TO THE BUILDING AS IDENTIFIED BY THE PHONE COMPANY. NOTIFY STARBUCKS CONSTRUCTION MANAGER IMMEDIATELY IF FACILITIES OR CONDUIT AND PULL STRING ARE NOT INSTALLED.

GENERAL CONTRACTOR IS TO ENSURE THAT THERE IS A 2" (51MM) MIN. CONDUIT WITH PULL STRING FROM THE DATA RACK TO THE DEMARC (TELCO TO CUSTOMER HAND OFF EQUIPMENT) WHEN THE DEMARC IS MORE THAN 10' FROM THE DATA RACK. DISTANCES LESS THAN 10' WILL NOT REQUIRE CONDUIT.

PROVIDE A 3-POSITION GROUND LUG, GROUNDED WITH #6 AWG GROUND WIRE, IF REQUIRED BY TELEPHONE COMPANY.

ALL TELEPHONE/NETWORK CABLING IS THE SCOPE OF WORK OF THE TELEPHONE/NETWORK CABLING VENDOR.

POS \ DATA LINE NOTES

STARBUCKS CONTRACTS DIRECTLY WITH THE DATA CABLING VENDOR TO SUPPLY AND INSTALL CATEGORY 5e (CAT5e) LAN CABLE AND CONNECTORS FOR THE POINT OF SALE (POS) SYSTEMS. CONTRACTOR TO SCHEDULE INSTALLATION OF DATA CABLING WITH DATA CABLING VENDOR. DATA CABLING VENDOR REQUIRES A LEAD TIME FOR INSTALLATION. DATA CABLING VENDOR WILL COORDINATE REGIONAL INSTALLERS.

AT THE START OF CONSTRUCTION, STARBUCKS CONSTRUCTION MANAGER SCHEDULES DELIVERY OF CASH REGISTER/MANAGER'S WORKSTATION EQUIPMENT AND INSTALLATION BY A POS INSTALL TECHNICIAN FOR ONE (1) MONTH PRIOR TO STORE OPEN. CONTRACTOR TO VERIFY DELIVERY SCHEDULE TWO (2) WEEKS PRIOR TO DELIVERY AND INSTALLATION DATE. EQUIPMENT IS SHIPPED DIRECTLY TO THE STORE. CONTRACTOR TO ACCEPT POS EQUIPMENT DELIVERY. DO NOT REFUSE DELIVERY.

DATA CABLING TECHNICIAN TO PROVIDE ALL CAT5e LAN CABLING AND CONNECTORS FROM ALL DESIGNED AND FUTURE CASH REGISTER LOCATIONS, MANAGER'S WORKSTATION, ALL OTHER NETWORKED EQUIPMENT (CUP LABELERS, CLOVER, BUMP BAR, ETC...) AND WIRELESS ACCESS POINT TO THE DATA RACK AREA. CONTRACTOR IS TO HAVE CONDUIT WITH PULL STRING IN PLACE FOR ALL CABLE RUNS PRIOR TO CABLE INSTALL DATE.

STARBUCKS NEW STORE GROUP IS RESPONSIBLE FOR COORDINATING STARBUCKS POS SYSTEMS DELIVERY AND INSTALLATION WITH THE POS VENDOR. THIS GROUP MAY BE CONTACTED AT:
NEWSTORES@STARBUCKS.COM.

COMMUNICATION SYSTEM NOTES

CONFIRM PRIOR TO BEGINNING CONSTRUCTION THAT THE LANDLORD HAS FURNISHED AND INSTALLED ONE (1) ADDITIONAL 2" (51MM) (ENTRANCE) CONDUIT INCLUDING PULL STRING (FOR A TOTAL OF TWO (2)) FROM THE STREET FEED TO THE BUILDING AS IDENTIFIED BY THE INTERNET SERVICE PROVIDER.

WIRELESS NETWORK NOTES

CABLING FOR INTERNET SERVICE SHALL BE FURNISHED AND INSTALLED BY THE VENDOR FOR FIBER OR BROADBAND CONNECTIONS. T1 AND ETHERNET EXTENSION CABLING IS PROVIDED BY THE STARBUCKS (TELEPHONE/ NETWORK) CABLING VENDOR. COORDINATE WITH STARBUCKS.

MUSIC SYSTEM NOTES

MOUNT OWNER FURNISHED SPEAKERS WHERE SHOWN ON INTERIOR REFLECTED CEILING PLANS AND IN COORDINATION WITH ALL PLANS, DETAILS AND MANUFACTURER'S INSTALLATION REQUIREMENTS. INSTALL AND CONNECT OWNER FURNISHED WIRING SYSTEM BETWEEN ALL SPEAKERS AND THE OWNER PROVIDED MUSIC SYSTEM. SET WATTAGE TAP ON EACH SPEAKER'S ROTARY SWITCH PER TAP SETTINGS NOTED ON PLANS.

FIRE ALARM SYSTEM NOTES

IF STARBUCKS IS REQUIRED TO PROVIDE A FIRE ALARM AND/OR FIRE ALARM MONITORING AND/OR PHONE LINES FOR A FIRE ALARM, AS SPECIFIED IN THE LEASE AGREEMENT, THE CONTRACTOR IS TO NOTIFY GNOC IMMEDIATELY THAT FIRE ALARM LINES ARE NEEDED. STARBUCKS PREFERRED FIRE ALARM SERVICE PROVIDER, STANLEY, IS TO BE CONTACTED BY THE CONSTRUCTION MANAGER TO INSTALL FIRE ALARM PANEL AND/OR MONITORING SERVICE AS REQUIRED.

GENERAL ELECTRICAL NOTES

1. THE ELECTRICAL CONTRACTOR SHALL COORDINATE ELECTRICAL WORK WITH OTHER TRADES. THE ARCHITECTURAL DRAWINGS SHALL TAKE PRECEDENCE OVER ALL OTHER DRAWINGS. DO NOT SCALE DISTANCES OFF THE ELECTRICAL DRAWINGS; USE ACTUAL BUILDING DIMENSIONS. OVERALL CASEWORK COMPONENT DIMENSIONING ON ELECTRICAL DETAILS ARE SHOWN FOR REFERENCE AND COORDINATION ONLY. SEE PROJECT MANUAL.
2. ALL ELECTRICAL SYSTEMS SHALL BE TESTED FOR PROPER OPERATION. BALANCE ALL BRANCH CIRCUIT LOADS BETWEEN THE PHASES OF THE SYSTEM WITHIN 10% OF THE HIGHEST PHASE LOAD IN EACH PANEL BOARD.
3. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR DE-ENERGIZING CIRCUITS IN DEMOLITION AREAS TO INSURE A SAFE CONDITION. ELECTRICAL DEVICES AND ASSOCIATED WIRING LOCATED WITHIN THE DEMOLITION AREA THAT WILL NO LONGER BE USED SHALL BE REMOVED AND PROPERLY DISPOSED OF AT CONTRACTORS EXPENSE UNLESS OTHERWISE NOTED.
4. THE ELECTRICAL CONTRACTOR SHALL SCHEDULE ALL ELECTRICAL SYSTEM OUTAGES WITH THE GENERAL CONTRACTOR AND LANDLORD AT LEAST 24 HOURS IN ADVANCE. UNLESS APPROVED OTHERWISE ALL OUTAGES SHALL OCCUR BETWEEN 11:00PM AND 5:00AM.
5. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL NECESSARY CONDUIT AND J-BOXES TO SUPPORT A COMPLETE SECURITY, PHONE, POS AND DATA SYSTEMS. SEE MANAGER WORKSTATION AND BAR POINT OF SALE (POS) POWER/TELECOM/SECURITY DIAGRAM. COORDINATE ALL DEVICE LOCATIONS AND MOUNTING HEIGHTS WITH SECURITY VENDOR PRIOR TO ROUGH-IN. PROVIDE END-TO-END PULL STRINGS IN ALL CONDUITS. LABEL EACH END OF THE PULL STRING WITH CONDUIT SYSTEM ("SECURITY") AND DESTINATION ("CAFÉ", "FRONT BAR", ETC.). PROVIDE INSULATED BUSHINGS ON ALL STUBBED-UP AND EXPOSED CONDUIT ENDS.
6. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR TO PATCH AND REPAIR ALL EXISTING WALLS, FLOORS, CEILINGS OR OTHER SURFACES IDENTIFIED TO REMAIN THAT MAY BECOME DAMAGED DURING THE COURSE OF WORK.
7. EXPOSED/SURFACE MOUNTED CONDUITS SHALL ONLY BE ALLOWED WHERE NECESSARY IN EXPOSED CEILING AREAS. IF CONDUITS NEED TO BE SURFACE MOUNTED TO WALLS, COORDINATE WITH STARBUCKS CONSTRUCTION MANAGER FOR APPROVAL.
8. VERIFY LOCATION OF ALL OUTLETS AND SWITCHES WITH ARCHITECTURAL DRAWINGS, INTERIOR DETAILS, FINISH SCHEDULES, GENERAL CONTRACTOR, EQUIPMENT VENDORS, STARBUCKS AND EXISTING SITE CONDITIONS. VERIFY FINAL DOOR HINGE LOCATION PRIOR TO SWITCH INSTALLATION AND ADJUST SWITCH LOCATION IF NEEDED. DO NOT MOUNT RECEPTACLES/SWITCHES IN LOCATIONS THAT WOULD CONFLICT WITH MIRRORS, SEAMS OF WALLS, WAINSCOTS, TILE TRANSITIONS, ETC...

GENERAL NOTES

SCOPE
THE INTENT OF THE DRAWINGS AND PROJECT MANUAL IS TO PROVIDE A COMPLETE AND FULLY OPERATIONAL ELECTRICAL SYSTEM. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL LABOR, MATERIAL, AND EQUIPMENT NECESSARY TO COMPLETE THE ELECTRICAL WORK.

SITE EXAMINATION
THE ELECTRICAL CONTRACTOR SHALL THOROUGHLY EXAMINE ALL AREAS WHERE EQUIPMENT, CONDUIT, AND WIRING WILL BE INSTALLED AND WILL REPORT ANY CONDITION THAT, IN HIS OPINION, PREVENTS THE PROPER INSTALLATION OF THE ELECTRICAL WORK.

STANDARDS
EQUIPMENT AND MATERIALS SHALL CONFORM WITH APPROPRIATE PROVISIONS OF CSA, ULC, NEC, ASTM, UL, ETL, NEMA, ANSI, AS APPLICABLE TO EACH INDIVIDUAL UNIT OR ASSEMBLY.

CODES
ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL APPLICABLE PROVINCIAL AND LOCAL CODES AND ORDINANCES. IN CASE OF CONFLICT BETWEEN THE DRAWINGS AND SPECIFICATIONS AND THE CODES, THE HIGHEST STANDARD SHALL APPLY. ELECTRICAL CONTRACTOR SHALL SATISFY CODE REQUIREMENTS AS A MINIMUM STANDARD WITHOUT ANY EXTRA COST TO STARBUCKS.

PERMITS AND FEES
THE ELECTRICAL CONTRACTOR SHALL PROCURE AND PAY FOR ALL PERMITS, FEES, AND INSPECTIONS NECESSARY TO COMPLETE THE ELECTRICAL WORK.

WARRANTY
THE ELECTRICAL CONTRACTOR SHALL UNCONDITIONALLY WARRANT ALL WORK TO BE FREE OF DEFECTS IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE BY STARBUCKS AND WILL REPAIR OR REPLACE ANY DEFECTIVE WORK PROMPTLY AND WITHOUT CHARGE AND RESTORE ANY OTHER EXISTING WORK DAMAGED IN THE COURSE OF REPAIRING DEFECTIVE MATERIALS AND WORKMANSHIP.

LANDLORD REQUIREMENTS

PRIOR TO BID: THE CONTRACTOR SHALL COORDINATE WITH LANDLORD / BUILDING OWNER FOR ANY CONSTRUCTION REQUIREMENTS. IF LANDLORD / BUILDING OWNER DOES HAVE REQUIREMENTS, CONTRACTOR SHALL BECOME COMPLETELY FAMILIAR WITH REQUIREMENTS AND ADHERE TO THEM. WHERE LANDLORD / BUILDING OWNER REQUIREMENTS ARE MORE STRINGENT THAN SHOWN IN THESE PLANS (IN THE OPINION OF THE ENGINEER). LANDLORD / BUILDING OWNER REQUIREMENTS SHALL GOVERN.

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STARBUCKS TEMPLATE VERSION i2020.04.20

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THIS DRAWING WAS PREPARED UNDER MY SUPERVISION AND I DISCLAIM ANY RESPONSIBILITY FOR THE EXISTING BUILDING CONSTRUCTION ELEMENTS, SITE CONDITIONS, OR ANY DOCUMENTS WHICH DO NOT BEAR MY SEAL.

PROJECT NAME:
BRIARCLIFF MANOR, NY

PROJECT ADDRESS:
107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #: 09369
PROJECT #: 26336-078

ISSUE DATE: 12-22-2023

DESIGN MANAGER: ANNIE SONG
ENGINEER OF RECORD: KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
ELECTRICAL NOTES

SCALE: AS SHOWN

SHEET NUMBER:
E001

12/15/2023 11:03:46 AM C:\Users\lheil\Documents\Revit\26080.00-23-MEP-SBX - Briarcliff Manor, Briarcliff, NY_lheil.rvt

12/15/2023 11:03:47 AM C:\Users\lheil\Documents\Revit\26080.00-23-MEP-SBX - Briarcliff Manor, Briarcliff, NY_lheil.rvt

SYSTEM COMMISSIONING

CONTRACTOR RESPONSIBILITIES FOR BUILDING COMMISSIONING

CONTRACTOR SHALL PROVIDE SUPPORT AND WORK AS SPECIFIED, NEEDED AND REQUIRED TO CONDUCT AND FACILITATE STARBUCKS STAFF BUILDING COMMISSIONING EFFORTS. THIS WORK WILL BE COMPRISED OF THREE DISTINCT EFFORTS:

1) SUPPORT STARBUCKS COMMISSIONING AGENT (CXA) DURING INSTALLATION VERIFICATION AND CORRECT DISCLOSED DEFICIENCIES;

2) PERFORM TESTING, ADJUSTING, BALANCING AND SYSTEM STARTUP AND SUPPORT FUNCTIONAL PERFORMANCE TESTING BY STARBUCKS CXA;

3) CORRECT DEFICIENCIES DISCLOSED BY FUNCTIONAL PERFORMANCE TESTING AND SUBMIT REPORTS. CONTRACTOR SHALL PERFORM AND PROVIDE THE FOLLOWING:

   A. SYSTEMS SUBJECT TO COMMISSIONING MAY INCLUDE, BUT ARE NOT LIMITED TO DOMESTIC HOT WATER GENERATION, HVAC SYSTEMS, ROOFTOP UNITS, EXHAUST FANS, HVAC CONTROLS, LIGHTING CONTROLS, AIR CURTAINS, BUILT-IN REFRIGERATION EQUIPMENT, AND RENEWABLE ENERGY SYSTEMS.

   B. CONTRACTOR SHALL INCLUDE COMMISSIONING ACTIVITIES IN PROJECT SCHEDULE AND SHOW INTERVALS FOR PERFORMANCE OF WORK FOR WHICH CONTRACTOR IS RESPONSIBLE AND INTERVALS FOR WORK PERFORMED BY STARBUCKS CXA. CONTRACTOR SHALL SHOW RESOURCES FOR PERFORMING ALL WORK RELATED TO COMMISSIONING ACTIVITIES ON A LINE ITEM IN THE SCHEDULE OF VALUES.

   C. CONTRACTOR SHALL INSTALL EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS AND ALL CONTRACT DOCUMENTS. ENSURE THAT ALL EQUIPMENT IS INSTALLED TOTALLY COMPLETE, AND ACCESSIBLE TO STARBUCKS CXA FOR INSTALLATION VERIFICATION AND FUNCTIONAL PERFORMANCE TESTING PRIOR TO THE SCHEDULED START OF INSTALLATION VERIFICATION.

   D. INSTALLATION VERIFICATION SHALL BE PERFORMED BY STARBUCKS CXA. CONTRACTOR SHALL SUPPORT STARBUCKS CXA INSTALLATION VERIFICATION EFFORTS AS NECESSARY. PROVIDE ALL ACCESS AND EQUIPMENT NECESSARY FOR STARBUCKS STAFF TO VERIFY THAT THE EQUIPMENT IS INSTALLED CORRECTLY.

   E. CONTRACTOR SHALL BE READILY AVAILABLE DURING INSTALLATION VERIFICATION TO CORRECT ANY DEFICIENCIES OR DEFECTS DISCLOSED BY THE INSTALLATION VERIFICATION PROCESS. CORRECTIONS SHALL BE MADE IN A TIMELY MANNER WITHOUT DISRUPTION OF THE CONSTRUCTION SCHEDULE.

   F. ALL HVAC, EXHAUST FAN, AND AIR CURTAIN EQUIPMENT SHALL BE TESTED, ADJUSTED AND BALANCED BY THE CONTRACTOR'S TESTING, ADJUSTING AND BALANCE AGENT(SEE TESTING, ADJUSTING AND BALANCING) AFTER THE SYSTEM IS VERIFIED TO BE COMPLETE AND CORRECT BY STARBUCKS CXA, IN ACCORDANCE WITH THE REQUIREMENTS OF THESE DOCUMENTS. ALL HVAC CONTROL SYSTEMS SHALL BE TESTED TO ENSURE THAT CONTROL DEVICES, COMPONENTS, EQUIPMENT AND SYSTEMS ARE CALIBRATED, ADJUSTED AND OPERATE IN ACCORDANCE WITH THESE PLANS AND PROJECT MANUAL. SEQUENCES OF OPERATION SHALL BE TESTED TO ENSURE THAT THEY OPERATE IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS. DELIVERABLES: PRELIMINARY, WRITTEN TESTING AND AIR BALANCE REPORT CONFORMING TO THE REQUIREMENTS SPECIFIED HEREIN, DOCUMENTING THE INFORMATION SPECIFIED, ETC. TO THE STARBUCKS CXA IMMEDIATELY UPON COMPLETION OF THE WORK.

   G. CONTRACTOR SHALL INFORM STARBUCKS CXA WHEN EQUIPMENT IS READY FOR FUNCTIONAL PERFORMANCE TESTING. ALL EQUIPMENT SHALL BE READY FOR FUNCTIONAL PERFORMANCE TESTING PRIOR TO STARTING TESTING. CONTRACTOR SHALL OPERATE EQUIPMENT FOR STARBUCKS CXA AND VERIFY BY DEMONSTRATION THE CORRECT OPERATION OF EQUIPMENT, RESPONSE OF SENSORS, AND PROPER EXECUTION OF HVAC CONTROL AND LIGHTING SEQUENCES; INCLUDING BUT NOT LIMITED TO, AIR MOVEMENT, TEMPERATURE, SOUND, AND CONTROL RESPONSE. PROVIDE ANY SECURITY ACCESS, HARDWARE, SOFTWARE, OR OTHER SUPPORT AS NEEDED FOR THE STARBUCKS CXA TO EFFICIENTLY WITNESS AND DOCUMENT ALL EQUIPMENT TESTING. STARBUCKS CXA WILL RECORD THE EQUIPMENT OPERATION AND RESPONSE TO TESTING SEQUENCES. AND PREPARE A LIST OF ANY DEFICIENCIES DISCLOSED BY THE FUNCTIONAL PERFORMANCE TESTS FOR CORRECTION BY THE CONTRACTOR. EQUIPMENT INCLUDES, BUT IS NOT LIMITED TO, AIR HANDLING UNITS, ROOFTOP AND SPLIT TYPE, CONDENSING UNITS, EXHAUST FANS, LIGHTING CONTROLS, ETC. DELIVERABLES: PROVIDE COMPLETED COPIES OF ALL START UP REPORTS, FILLED OUT ON THE MANUFACTURER'S FORMS, TO THE STARBUCKS CXA.

   H. CONTRACTOR IS RESPONSIBLE FOR CORRECTING ANY ISSUES OR DEFICIENCIES DISCLOSED DURING THE FUNCTIONAL PERFORMANCE TESTING PROCESS. CORRECTIONS SHOULD BE MADE IN A TIMELY MANNER WITHOUT DISRUPTION TO THE SYSTEM AND CONSTRUCTION SCHEDULE.

   I. CONTRACTOR SHALL BE READILY AVAILABLE FOR ANY RE-TESTING OF EQUIPMENT DEEMED NECESSARY BY STARBUCKS CXA DURING INSTALLATION VERIFICATION AND FUNCTIONAL PERFORMANCE TESTING. CONTRACTOR IS RESPONSIBLE FOR CORRECTING ANY ISSUES OR DEFICIENCIES FOUND IN THE SYSTEM DURING ANY AND ALL RE-TESTING. CORRECTIONS SHOULD BE MADE IN A TIMELY MANNER WITHOUT DISRUPTION TO THE SYSTEM AND CONSTRUCTION SCHEDULE. DELIVERABLES: FINAL BALANCE REPORT, DEFICIENCIES LIST NOTING CORRECTIVE ACTIONS PERFORMED BY CONTRACTOR IN RESPONSE TO INSTALLATION VERIFICATION AND FUNCTIONAL PERFORMANCE TEST RESULTS.

   J. CONSTRUCTION AND POST CONSTRUCTION TESTING: ADDITIONAL TESTING MAY BE REQUIRED AND OTHER PROCESSES THAT MAY OCCUR OUT OF SEQUENCE WITH COMMISSIONING SERVICE. CONTRACTOR SHALL CONDUCT, DOCUMENT, SUPPORT AND SCHEDULE THIS TESTING AS DIRECTED BY STARBUCKS CXA.

EGRESS LIGHTING NOTES

A. EXIT SIGNS SHALL BE INTERNALLY OR EXTERNALLY ILLUMINATED INTERNALLY ILLUMINATED EXIT SIGNS SHALL BE LISTED AND LABELED IN ACCORDANCE WITH UL 924 AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND CHAPTER 27. EXTERNALLY ILLUMINATED EXIT SIGNS SHALL COMPLY WITH THE GRAPHICS AND POWER SOURCE REQUIREMENTS IN SECTIONS 101.6.1 AND 1011.5.3 RESPECTIVELY. WHEN THE FACE OF AN EXIT SIGN IS ILLUMINATED FROM AN EXTERNAL SOURCE, IT SHALL HAVE AN INTENSITY OF NOT LESS THAN 5 FOOT CANDLES (54 LUX). (1011.3)

B. ANYTIME A BUILDING OR A PORTION OF A BUILDING IS OCCUPIED, THE MEANS OF EGRESS SERVING THE OCCUPIED PORTION SHALL BE ILLUMINATED AT AN INTENSITY OF NOT LESS THAN 1 FOOT CANDLE (11 LUX) AT THE WALKING SURFACE LEVEL. (1006)

C. THE POWER SUPPLY FOR MEANS OF EGRESS ILLUMINATION SHALL BE PROVIDED BY THE PREMISE'S ELECTRICAL SUPPLY, IN THE EVENT OF POWER SUPPLY FAILURE, ILLUMINATION SHALL BE AUTOMATICALLY PROVIDED FROM AN EMERGENCY SYSTEM FOR THE FOLLOWING AREAS. (1006.3):

   1) AISLES AND UNENCLOSED EGRESS STAIRWAYS IN ROOMS AND SPACES THAT REQUIRE TWO OR MORE MEANS OF EGRESS.

   2) CORRIDORS, INTERIOR EXIT STAIRWAYS & RAMPS AND EXIT PASSAGEWAYS IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.

   3) EXTERIOR EGRESS COMPONENTS AT OTHER THAN THE LEVEL OF EXIT DISCHARGE UNTIL EXIT DISCHARGE IS ACCOMPLISHED FOR BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.

   4) INTERIOR EXIT DISCHARGE ELEMENTS, AS PERMITTED IN SECTION 1027.1 IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.

   5) EXTERIOR LANDINGS, AS REQUIRED BY SECTION 1008.1.6 EXIT DISCHARGE DOORWAYS IN BUILDING REQUIRED TO HAVE TWO OR MORE EXITS.

D. THE EMERGENCY POWER SYSTEM SHALL ALSO BE CONNECTED TO AN EMERGENCY ELECTRICAL SYSTEM WHICH IS TO PROVIDE CONTINUED ILLUMINATION FOR A DURATION OF NOT LESS THAN 1 1/2 HOUR IN CASE OF PRIMARY POWER LOSS. CONTINUED ILLUMINATION IS TO BE PROVIDED FROM STORAGE BATTERIES, UNIT EQUIPMENT OR AN ON-SITE GENERATOR AND THE INSTALLATION OF THE EMERGENCY POWER SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH CHAPTER 27. (1006.3)

E. EMERGENCY LIGHTING FACILITIES SHALL BE ARRANGED TO PROVIDE INITIAL ILLUMINATION THAT IS AT LEAST AN AVERAGE OF 1 FOOT CANDLE (11 LUX) AND A MINIMUM AT ANY POINT OF 0.1 FOOT CANDLE (1 LUX) MEASURED ALONG THE PATH OF EGRESS AT FLOOR LEVEL. A MAXIMUM TO MINIMUM ILLUMINATION UNIFORMITY RATION OF 40:1 SHALL NOT BE EXCEEDED. (1008.1.9.3)

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THIS DRAWING WAS PREPARED UNDER MY SUPERVISION AND I DISCLAIM ANY RESPONSIBILITY FOR THE EXISTING BUILDING CONSTRUCTION ELEMENTS, SITE CONDITIONS, OR ANY DOCUMENTS WHICH DO NOT BEAR MY SEAL.

PROJECT NAME:
BRIARCLIFF MANOR, NY

PROJECT ADDRESS:
107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #:	09369
PROJECT #:	26336-078
ISSUE DATE:	12-22-2023
DESIGN MANAGER:	ANNIE SONG
ENGINEER OF RECORD:	KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
ELECTRICAL NOTES

SCALE: AS SHOWN

SHEET NUMBER:
E002

COM*check* Software Version COMcheckWeb

Interior Lighting Compliance Certificate

Project Information

Energy Code: 2020 New York State Energy Conservation Construction Code
Project Title: BRIARCLIFF MANOR
Project Type: New Construction

Construction Site:
107 N STATE RD
BRIARCLIFFMANOR, NY

Owner/Agent:

Designer/Contractor:
KLH Engineers
1538 Alexandria Pike
Fort Thomas, KY 41075

Additional Efficiency Package(s)

Credits: 1.0 Required 0.0 Proposed

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts
1-ENGINE (Common Space Types:Food Preparation)	296	1.06	314
Allowance: Decorative Appearance (not lobbies) / Fix. ID: L21781	200 (a)	0.75	150 (b)
2-BOH (Common Space Types:Food Preparation)	545	1.06	578
3-CAFE (Common Space Types:Dining Area - Bar Lounge/Leisure)	310	0.93	288
Allowance: Decorative Appearance (not lobbies) / Fix. ID: Track Lighting	200 (a)	0.75	150 (b)
Total Allowed Watts =			1480

(a) Area claimed must not exceed the illuminated area permitted for this allowance type.
(b) Allowance is (B x C) or the actual wattage of the fixtures given in Section 2, whichever is less.

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture	D Fixture Watt.	E (C X D)
1-ENGINE (Common Space Types:Food Preparation)				
L21771: Other:	1	20	12	240
L20774: Other:	1	2	22	44
L21781: Other:	1	2	96	192
2-BOH (Common Space Types:Food Preparation)				
L21783: Other:	1	4	36	144
EX TROFFER: Other:	1	3	40	120
3-CAFE (Common Space Types:Dining Area - Bar Lounge/Leisure)				
L21771: Other:	1	3	12	36
Track Lighting: Wattage based on total luminaires	0	0	503	503
Total Proposed Watts =				1279

Interior Lighting PASSES: Design 14% better than code

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2020 New York State Energy Conservation Construction Code requirements in COM*check* Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title Signature Date

COM*check* Software Version COMcheckWeb

Inspection Checklist

Energy Code: 2020 New York State Energy Conservation Construction Code

Requirements: 100.0% were addressed directly in the COM*check* software

Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
C103.2 [PR4][1]	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the interior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include interior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.2.2 [EL22][1]	Spaces required to have light-reduction controls have a manual control that allows the occupant to reduce the connected lighting load in a reasonably uniform illumination pattern >= 50 percent.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C405.2.1, C405.2.1.1 [EL18][1]	Occupancy sensors installed in classrooms/lecture/training rooms, conference/meeting/multipurpose rooms, copy/print rooms, lounges/breakrooms, enclosed offices, open plan office areas, restrooms, storage rooms, locker rooms, warehouse storage areas, and other spaces <= 300 sqft that are enclosed by floor-to-ceiling height partitions. Reference section language C405.2.1.2 for control function in warehouses and section C405.2.1.3 for open plan office spaces.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	**Exception:** Requirement does not apply.
C405.2.1.2 [EL19][1]	Occupancy sensors control function in warehouses: In warehouses, the lighting in aisleways and open areas is controlled with occupant sensors that automatically reduce lighting power by 50% or more when the areas are unoccupied. The occupant sensors control lighting in each aisleway independently and do not control lighting beyond the aisleway being controlled by the sensor.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	**Exception:** Requirement does not apply.
C405.2.1.3 [EL20][1]	Occupant sensor control function in open plan office areas: Occupant sensor controls in open office spaces >= 300 sq.ft. have controls 1) configured so that general lighting can be controlled separately in control zones with floor areas <= 600 sq.ft. within the space, 2) automatically turn off general lighting in all control zones within 20 minutes after all occupants have left the space, 3) are configured so that general lighting power in each control zone is reduced by >= 80% of the full zone general lighting power within 20 minutes of all occupants leaving that control zone, and 4) are configured such that any daylight responsive control will activate space general lighting or control zone general lighting only when occupancy for the same area is detected.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	**Exception:** Requirement does not apply.
C405.2.2, C405.2.2.1, C405.2.2.2 [EL21][1]	Each area not served by occupancy sensors (per C405.2.1) have time-switch controls and functions detailed in sections C405.2.2.1 and C405.2.2.2.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.3, C405.2.3.1, C405.2.3.2 [EL23][1]	Daylight zones provided with individual controls that control the lights independent of general area lighting. See code section C405.2.3 Daylight-responsive controls for applicable spaces, C405.2.3.1 Daylight responsive control function and section C405.2.3.2 Sidelit zone.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	**Exception:** Requirement does not apply.
C405.2.4 [EL26][1]	Separate lighting control devices for specific uses installed per approved lighting plans.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C405.2.4 [EL27][1]	Additional interior lighting power allowed for special functions per the approved lighting plans and is automatically controlled and separated from general lighting.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C405.3 [EL6][1]	Exit signs do not exceed 5 watts per face.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)

Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C303.3, C408.2.5.2 [FI17][1]	Furnished O&M instructions for systems and equipment to the building owner or designated representative.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C405.4.1 [FI18][1]	Interior installed lamp and fixture lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Interior Lighting fixture schedule for values.*
C408.2.5.1 [FI16][1]	Furnished as-built drawings for electric power systems within 90 days of system acceptance.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C408.3 [FI33][1]	Lighting systems have been tested to ensure proper calibration, adjustment, programming, and operation.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)

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PROJECT NAME: BRIARCLIFF MANOR, NY

PROJECT ADDRESS: 107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #: 09369
PROJECT #: 26336-078

ISSUE DATE: 12-22-2023

DESIGN MANAGER: ANNIE SONG
ENGINEER OF RECORD: KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
ENERGY CODE CALCULATIONS
SCALE: AS SHOWN

SHEET NUMBER:
E003

12/15/2023 11:03:48 AM C:\Users\lheil\Documents\Revit\26080.00-23-MEP-SBX - Briarcliff Manor, Briarcliff, NY_lheil.rvt

26 05 01.00 - COMMON WORK RESULTS FOR ELECTRIC

The General Provisions of the Contract including the General and Supplemental Conditions and General Requirements apply to the work in this section. Before submitting a bid, examine documents of all other trades, visit the site and get acquainted with all conditions that may in any way affect the execution of this contract. Take measurements and be responsible for exact size and locations of all openings required for the installation of work. Noted dimensions convey desired locations for devices. Coordinate with owner representative on site prior to deviating from noted dimensions for any reason. Where detailed method of installation is not indicated or where variations exist between described work and approved practice, direction of the Owners representative on job site shall be followed.

Whenever the words "contractor", "this contractor", etc. appear on drawings or in these specifications for the Electrical Work, it shall refer to the Electrical Sub-Contractor. Whenever the word "Provide" appears in these documents, it shall be interpreted to mean "Furnish and Install". Whenever the word "Relocate" appears in these documents, it shall be interpreted to disconnect electrical feed, make safe including lock out, store and protect device, reinstall, rework and extend conduit and wire to new location, re-energize and test.

The exact mounting height of devices shall be determined in the field with relation to architectural details and equipment being served. It shall be the responsibility of this contractor to coordinate outlet location with equipment. The Owners representative shall be permitted to relocate any outlet prior to installation within a 15 foot limit at no additional charge in contract price. All fasteners, hangers and methods of hanging exposed work in finished areas shall be submitted to the Owners representative for approval before installation.

The contract includes all items of material and labor required for the complete installation and full operation of the electrical work as shown on the drawings and hereinafter specified. All materials and methods shall be in accordance with applicable codes, regulations and/or ordinances and meet the approval of local inspection authority having jurisdiction. The latest edition of NFPA 70 (NEC/National Electrical Code) shall be the minimum requirement for all work. Examine the drawings and specifications for compliance with the above codes, regulations and ordinances and base bid and work accordingly. Obtain and pay for all permits and inspections related to this work. A certificate of approval for work from inspection authority shall be given to the Owner before final acceptance will be given by Owners representative.

All work, materials, and equipment shall have a one-year warranty after acceptance of the work by the Owner. Any defective items shall be removed and replaced at the electrical sub-contractor's expense and to the satisfaction of the engineer and owner's representative.

Perform work under this contract in close harmony with other contractors so completed work shall present a neat and workmanlike installation. Exposed finished materials and equipment shall be carefully cleaned and wiped to remove grease, smudges, fingerprints, dust and other spots and left smooth and clean. During the progress of the work, the electrical sub-contractor shall carefully clean the job site and shall leave the premises and all portions of the building in which he is working free of debris and in a clean and safe condition.

This contractor shall be responsible for the training of owner's representatives of each system to the satisfaction of the Owners representative.

The Electrical Contractor shall consult the Plumbing, HVAC and Structural plans (where applicable) in all instances before installing his work so that his work will not interfere with those branches. In the event of a conflict, this contractor shall report to the Owners representative at once and do no further work to be installed until a satisfactory arrangement is decided upon. Any work done, or equipment placed in position by this contractor, creating a conflict in violation hereof, shall be readjusted to the satisfaction of the Owner's representative at the expense of the contractor. The decision of the Owners representative shall be final in regard to changes due to conflicting conditions. Contractor shall complete his work or any part thereof at such time as may be designated by the Owner, so that it can be used for temporary or permanent use and such use of the system shall not be construed as an acceptance of same by Owner.

Obtain the latest Owner's Design and Construction Standards document(s). Comply with all Owner-specific requirements in addition to requirements set forth in these specifications and accompanying drawings. Should there be a conflict, the Owner's standards shall take precedence, unless prevailing codes and regulations mandate otherwise.

Two sets of electrical drawings shall be provided as record drawings which shall be separate, clean, copies reserved for the purpose of showing a complete picture of the work as actually installed. These drawings shall also serve as work progress report sheets and the electrical contractor shall make any notations, neat and legible thereon daily as work proceeds. The drawings shall be available for inspection at all times and shall be kept at the job at a location designated by the Owners representative. At the completion of the work, these record drawings shall be signed by the electrical contractor, dated and returned to the Owners representative. Final payment of contract will not be made until receipt and review of said drawings.

Provide two neatly bound (with tabbed sections) copies of maintenance books, instruction books and parts list pertaining to all equipment furnished. Submit to the Owners representative for approval. Final payment will not be made until drawings for record, maintenance and instruction manuals are delivered to the Owners representative.

26 05 02.00 - COMMON ELECTRICAL MATERIALS AND METHODS

All materials and equipment shall be new. All materials, apparatus and equipment shall bear the seal of Underwriters Laboratories Inc. (UL), or a similar credible testing agency, label where regularly supplied. Certain manufacturers of material and equipment are specified and plans are detailed according to this material. This contractor shall base his bid on furnishing and installing this make of material and equipment.

Where more than one make of material or equipment is specified, the contractor shall state in his bid which make he proposes to furnish. Shop drawings shall be submitted on material and equipment to be furnished by the contractor for Engineers approval. This approval to be obtained prior to shipment of equipment.

Hold routing of new raceways in new and existing buildings as tightly as possible to the structure above. Obtain approval of owner's representative prior to installation. Do not install any electrical work within 6 inches of roof decking.

Neatly dress all work. Install all work parallel and perpendicular to surfaces or exposed structural members, and follow surface contours, where possible. Install splice and tap connectors which possess equivalent or better mechanical strength and insulation rating than conductors being spliced. Use splice and tap connectors which are compatible with conductor material. All wires shall be run continuous from outlet to outlet/luminaire to luminaire. Insulation value of joints shall be 100% in excess of wire. Provide adequate length of conductors within electrical enclosures and train the conductors to terminal points with no excess. Bundle multiple conductors, with conductors no larger than 10 AWG cabled in individual circuits. Make terminations so there is no bare conductor at the terminal.

Maintain a uniform elevation for all cable runs wherever possible. All cables shall be supported/anchored at maximum 4 foot intervals and within 12" of box or outlet and shall not sag. Install cables in a manner that prevents overheating. Cables shall be fastened directly to the structure using factory clamps/clips specifically designed for the respective cable (Caddy or equal).

Keep conductor splices to minimum. Pull conductors simultaneously where more than one is being installed in same raceway. Use UL listed pulling compound or lubricant, where necessary. Increase wire sizes to offset voltage drop as/if required.

Branch subfeeder circuits shall be installed as shown on the floor plans. Where outlets are indicated by letters on plans, they shall be controlled by corresponding switches.

Outlets shall be located approximately as shown on the plans and shall be wired to provide control of outlets indicated. All wires of any one circuit shall be run in the same conduit.

Mechanical wire splicers shall be Scotchlock insulated type, TandB Stakon or approved equal. The conductors terminating at each wired outlet shall be left not less than 8" long at their outlet fittings to facilitate installment of devices or luminaires. Friction and rubber tape conform to Federal Specifications HH-T-11 and HH-T-111. Plastic electrical tape shall be Scotch #33+ or approved equal.

Do not share neutrals when amongst multiple branch circuits or with multi-wire branch circuits.

Provide grounding electrode conductors for service entrances and derived systems.

Provide all feeders and branch circuits with insulated (green covering) equipment grounding.

Only install conduit exposed on rooftops when it is impossible to do otherwise, or only if specifically indicated for such installation case-by-case elsewhere in documents. Installation convenience, financial considerations, lack of coordination with other trades and similar rationale are not sufficient reasons for doing so. In cases where conduits must be installed on rooftops, de-rate conductors and modify conduit sizes as needed to accommodate this condition. Provide expansion fittings, which are UL listed and labeled for the respective applications, at all building expansion joints and at maximum distances of 100 feet. Paint all such conduits with at least two coats of UV-resistant weatherproof paint. Provide white paint on flat rooftops that have finishes white in color, and for otherwise-colored roof finishes that are not visible from the building interior or from the ground outdoors. Elsewhere select colors to match surrounding surfaces; submit colors to Architect for review in advance of procuring paint.

Provide all cutting and patching required for the admission of work. Any damage done by this contractor to the building during the progress of work shall be made good at contractor's own expense. All patching shall be done by a skilled craftsman in that respective trade. It shall be the responsibility of this contractor to supervise the installation of, and pay for all additional members, wood or metal and labor which may be required to support any type of permanent or temporary electrical apparatus employed in the execution of this contractor's work.

Access Doors: Do not use access doors unless special prior written permission is granted from the Owner's Representative. Install pull boxes, junction boxes, etc. in areas which are accessible after completion of construction. Do not install pull boxes or junction boxes above gypsum board or similar inaccessible ceiling systems. Where there is no other recourse but to provide an access door/panel, and where approval of Owner's Representative has been obtained, provide required access doors/panels as required for a complete code-compliant electrical installation as defined below. Provide access doors in fire/smoke ratings that meet or exceed the surrounding surface that is being penetrated.

Seal all new floor, ceiling, wall, slab, etc. penetrations to match or exceed existing assembly fire ratings. Provide sleeve seals for all sleeves, provide sleeves for all penetrations. All penetrations of fire-rated or smoke-rated wall, floors ceilings, etc. shall be sealed immediately after raceways are installed. All new electrically related work shall be supported directly from building structural members. New electrically related work shall not be supported from ductwork, ductwork hanger, ceiling supports, existing conduit support, etc.

26 05 03.00 - SUBMITTALS FOR ELECTRICAL SYSTEMS

Provide submittals in accordance with the Contract Documents. In addition to Division 01, the Contractor is advised to review and comply with the requirements articulated within each Division and within each section of that Division.

Some Divisions may include a division-specific "Submittal Requirements for ...." section. Where this section exists, it articulates additional requirements for submittals that apply to the work of that Division.
The following requirements help to identify, track and keep the project organized for all parties involved. They are necessary to ensure a timely turnaround and an appropriate technical review. Submittals that do not conform to the administrative requirements are rejected and returned, without technical review.

Supply submittals for each section: Submittals shall be supplied on a section-by-section and type-by-type basis. For example, independent product data submittals shall be furnished for each section that requires product data submittals. Independent shop drawing submittals shall be furnished for each section that requires shop drawings. Separate PDF file packages shall be supplied for each section, for each submittal type. Each PDF shall represent a single standalone submittal.

Include a transmittal: Transmittals shall enumerate each submittal for each section of each type and iteration.

Include cover sheet / title page: The cover sheet shall include the information identified in the contract documents. It shall be included as the first page of each electronic and/or hardcopy document-based submittal. An editable and printable PDF form created with editable fields and specification compliant appearance is available from KLH upon request. It is also downloadable from the KLH website at www.klhengrs.com.

Include an index: The index shall enumerate the contents of the submittal.

Include checklists: Where checklists are included with the specifications, complete and include them within the appropriate submittal. Supply complete submittals: Complete submittals of each type are required. Partial submittals will be rejected. Where a section requires a product data submittal, all product data for that section shall be supplied together, at one time, as one complete submittal. When resubmittal is required (e.g. Revise and Resubmit) the revised submittal shall be more complete, more accurate and more contract-compliant than its rejected predecessor. The submittal number (for each section and type) shall increment for each subsequent submittal (00 – Original submission, 01 – First Resubmission, 02 – Second Resubmission, etc…). Resubmittals shall include a copy of the reviewers comments supplied with the prior submittal rejection and shall be amended with a description of the specific action taken to comply with the reviewer's comments. The absence of this on resubmittal is cause for rejection.

Name electronic files to match the submittal ID and cover sheet: The electronic file name of submittals shall match the submittal ID included on the submittals cover page. For example: The original/first product data submittal for Section 260519 would be labeled as "260519.00-PD-00"; the first resubmittal of same shall be labeled "260519.00-PD-01". The original/first shop drawings submittal file for the same section would be labeled "260519.00-SD-00"; the first resubmittal of same shall be labeled "260519.00-SD-01".

If expressly permitted by the Owner and the terms of the Contract, editable electronic drawings may be made available for the creation of shop and as-built drawings upon request. Drawings will be made available at the discretion of the Engineer.

"Request Drawings" form can be accessed, filled out and submitted at http://www.klhengrs.com (right hand side of page - Contractor Resources). Direct access to this form can be found here:
http://files.klhengrs.com/requestdrawings.html

26 05 19.00 - LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES

Submittal Requirements
Product Data
For each type of conductor and cable.

Furnish and install all necessary cable of the size and type indicated on the drawings or specified hereinafter. All wire shall be copper. All wiring shall be new. No wire smaller than #12 AWG shall be installed unless specifically designated. Use of #14 color coded wire will be allowed for control circuits only. Provide stranded conductors for all sizes unless indicated otherwise.

Provide THHN/THWN-2 insulation for all conductors as appropriate for the locations where installed. Provide color coded insulation/jacket for phase identification. All wires shall be rated at 600 volts. Provide type XHHW-2 insulation for all wiring below grade or subject to moisture.

Unless specifically indicated otherwise on drawings, provide grounded ("neutral") conductors that are at least parity-sized with corresponding phase/line conductors for all applications.

All conductors shall be rated for 90 deg. C. minimum. Provide with green insulated equipment ground conductor. Provide compatible steel fittings with integral red plastic insulated throat bushings. Cables shall be 90 deg. C. rated with all components and fittings listed for grounding and compliant with the following: UL Std.4 and UL Std. 83; ANSI E119 and E814; NFPA 70.

Aluminum Conductors: Where applicable for electrical equipment connections for aluminum wiring, provide the following supplemental requirements and work regardless of who furnishes the equipment or what type of equipment is affected. Review equipment submittals, installation documents and nameplates to determine if there are any warranty or UL limitations regarding copper versus aluminum wiring connections. Comply with if there are any limitations, provide local non-fused disconnect at or near equipment (external to the equipment) and terminate aluminum conductors to the line side terminals of the disconnect switch. Provide copper conductors from load side terminals of the disconnect switch to the respective equipment factory disconnect or terminals as applicable. Provide UL-Listed AA-8000 series compact-stranded conductors compliant with specifications, prevailing codes and end-use equipment manufacturer requirements. Provide appropriately UL-Listed connectors as recommended by conductor manufacturer.

Cables: Route cables perpendicular and parallel to the building architectural lines, surfaces, and structural members, keeping offsets to a minimum and following surface contours where possible. Maintain a uniform elevation for cable runs wherever possible. Support and anchor cables at maximum 4 foot intervals and within 12" of box or outlet in a manner that prevents sagging. Install cables in a manner that prevents overheating. Fasten cables directly to the structure using factory clamps and clips (zip ties and like products are not permitted) specifically designed for the respective cable (Caddy or equal). Cables may be utilized only if code-approved for the intended use and in the limited applications defined below.

Type MC (Metal-Clad) Cable: Form from continuous length of spirally wound, interlocked zinc-coated or galvanized (inside and outside) strip steel or aluminum jacket, with stranded copper conductors with 90 deg. C THHN insulation system. Provide only where permitted in the Conduit/Wire Material Schedule shown on the drawings

26 05 26.00 - GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS

All metallic conduit, surface raceways, wireways, supports, cabinet and equipment shall be grounded.

26 05 29.00 - HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS

It shall be the responsibility of the electrical contractor to supervise the installation of and pay for all additional members, wood or metal and labor which may be required to support any type of permanent or temporary electrical apparatus employed in the execution of the electrical contractor's work. Provide supports, anchors, sleeves and seals furnished as part of factory-fabricated equipment as required. Locations and routing that may be shown on plans are schematic and diagrammatic in nature. Metallic products shall be galvanized steel.

Conduit shall be supported by approved straps, fasteners and hangers. Hangers shall be suspended from rods. Perforated straps will not be acceptable. Fasteners shall be lead expansion shields in block or concrete, toggle bolts in hollow walls, machine screws on metal surfaces and wood screws on wood construction. At building expansion joints and where deflection is expected, conduits shall be provided with expansion fittings with bonding jumpers. Conduits passing through structural members shall be provided with stub and coupling or sleeve in the member. Where moisture conditions are encountered, a hole shall be drilled at the lowest point in the conduit run. Also provide sleeves for all fire wall and smoke partition penetrations (sealed accordingly).

All conduit shall be supported independently from all other building systems and shall be supported directly from structural components. Electrically related work shall not be supported from ductwork, ductwork hangers, ceiling supports, existing conduit supports, etc.

Use of synthetic or plastic "tie-wraps", "zip ties", "wire ties" and similar products are not permitted as a permanent means of anchoring, securing, supporting or otherwise installing any cables, conductors, conduits, raceways, devices, equipment or other electrical work.

All conduits, raceways and cables (where applicable) shall be routed parallel and perpendicular to building structural members. Any and all noncompliant work installed by the electrical contractor shall be removed and reinstalled by the electrical contractor to the satisfaction of the Owner's representative and the Engineer, at the expense of the electrical contractor. At building expansion joints and where deflection is expected, provide conduits with expansion fittings with bonding jumpers. Conduits passing through structural members shall be provided with stub and coupling or sleeve in the member. Where moisture conditions are encountered, a hole shall be drilled at the lowest point in the conduit run. Provide sleeves for all fire wall and smoke partition penetrations (sealed accordingly).

Stem lengths of all pendant fixtures shall be as directed by the owner's representative. All fasteners, hangers and method of hanging exposed work in finished areas shall be submitted to the owner's representative for review before installation. Fasteners shall be zinc-coated, type, grade, and class as required for a neat finished installation.

Place and secure anchorage devices. Use supported equipment manufacturer's setting drawings, templates, diagrams, instructions, and directions furnished with items to be embedded. Install anchor bolts to elevations required for proper attachment to supported equipment. Provide female expansion anchors, and install studs and nuts after equipment is positioned. Provide bushings for floor/wall-mounted equipment anchors to allow for resilient media between anchor bolts/studs and mounting hole in concrete.

Touchup Painting: Clean field welds and abraded areas of shop paint. Paint exposed areas immediately after erecting hangers and supports. Use same materials as used for shop painting.

Provide supports for multiple raceways capable of supporting combined weight of supported systems, equipment, connected systems and associated components/contents. Provide supports adequate in tension, shear, and pullout force to resist maximum loads calculated or imposed for this project, with a minimum structural safety factor of five times the applied force.

Coordinate installation of roof curbs, equipment supports, and roof penetrations.

Steel Slotted Support Systems: Comply with MFMA-4, factory-fabricated components for field assembly. Construct with all necessary fittings which mate and match with U-channel. Provide metallic coatings that are hot-dip galvanized after fabrication and applied according to MFMA-4. Provide channel dimensions that are selected for applicable load criteria. Comply with NECA 1 and NECA 101 unless requirements in this or other specification sections are stricter.

Multiple Raceways or Cables: Install trapeze-type supports fabricated with steel slotted, sized so capacity can be increased by at least 50 percent in future without exceeding specified design load limits. Secure raceways and cables to these supports with two-bolt conduit clamps, single-bolt conduit clamps, or single-bolt conduit clamps using spring friction action for retention in support channel as applicable.

Overhead Electric Work: Install work so that no raceway or cable is within six inches below roof deck(s). Suspend and support overhead electrical work from roof trusses and joists/joist girders only at panel points, at top cord only, unless otherwise indicated.

Strength of Support Assemblies: Where not indicated, select sizes of components so strength will be adequate to carry present and future static loads within specified loading limits. Minimum static design load used for strength determination shall be weight of supported components plus 200 lb.

Roof Decks: Do not suspend overhead hangers, or support any other overhead electrical work, from roof decks.

26 05 53.00 - IDENTIFICATION FOR ELECTRICAL SYSTEMS

Provide manufacturers standard self-adhesive vinyl tape not less than 3 mils thick by 1-1/2" wide. Where applicable, install on all concealed raceways at connection to all junction boxes, pull boxes, equipment, wall/floor/roof penetrations, etc. Unless otherwise indicated or required by governing regulations, provide orange tape with black letters. Provide circuit identification bands for all cables and conductors. Provide manufacturers standard color coding for cable/conductor jacket and/or insulation for all cables and conductors of all systems. Match identification with marking system used in existing systems (where applicable), shop drawings, contract documents, and similar previously established identification for projects electrical work. Provide on all conductors of all systems.

The following insulation color code shall be used for system and voltage identification. This shall apply to both feeder and branch circuit wiring. Interchange of colors shall not be permitted.

208Y/120V System:	Black, Red, Blue
and White (neutral)	
Equipment Grounding:	Green
Systems:	To match existing

where applicable - verify in field.

Provide engraved plastic-laminate sign on major units of electrical equipment, including panelboards, disconnects, starters, control panels, etc. Except as otherwise indicated, provide single line of text, 1/2" high lettering, on 1-1/2" high sign (2" high where 2 lines are required), white lettering in black field. Unless determined otherwise in field, provide text matching terminology and numbering of the contract documents and shop drawings. Secure to substrate with fasteners, except use adhesive where fasteners should not or cannot penetrate substrate.

All equipment and system identification nomenclature shown on drawings or listed herein is shown for general design and installation reference only. The actual nameplate, etc. nomenclature for this project shall be verified by electrical contractor in field prior to fabrication and where applicable, shall be an extension of existing nomenclature used on the site as determined in field by electrical contractor.

Equipment to Be Labeled: All enclosures for all electrical equipment furnished or installed under Divisions 26 and 28; Remote-controlled switches, dimmer modules, and control devices, via engraved wall plates; Miscellaneous Control Stations; Access doors and panels for concealed electrical items; Other similar equipment designated by owner's representative, architect or engineer in field.

26 05 84.00 - MECHANICAL EQUIPMENT

Provide all necessary electrically related work as required to render all mechanical equipment (including plumbing, heating, ventilating and air conditioning equipment) fully operational and fully compliant with all local and national codes. This includes, prior to ordering materials or commencing with rough-in, reviewing equipment submittal data and coordinating with installing contractors to ensure the correct size, rating and quantity of conductors are provided.

Provide raceway, wiring, connections, and terminations for power and interlocks for electrically operated equipment.

Provide disconnect switch ahead of all equipment, including controls, unless shown otherwise on the drawings. Provide NEMA 3R enclosures where installed outdoors and where installed indoors in areas subject to moisture. Ground metal frames of equipment by connecting frames to the grounded metal raceway and to a full-size green ground conductor. Provide the necessary electrical connections to the specified equipment. Where mechanical equipment lugs cannot accommodate conductor sizes, provide ILSCO ClearTap Insulated Multi-Tap Connectors.

Sizes, electrical ratings, etc. of equipment and wiring shown on drawings are based on the respective equipment basis of design. If different manufacturer(s) or model(s) are supplied, provide necessary coordination in field (prior to ordering materials and prior to rough-in) and provide the necessary size of related electrical equipment, wiring, conduit, etc.

Prior to furnishing submittals and prior to rough-in, determine exact electrically related characteristics, loads, voltages, disconnect and starter requirements, locations, mounting heights, connection points, etc. of mechanical equipment.

Disconnect and Controller Locations: Locations shown on drawings are indicated for schematic purposes only. Determine exact locations in field. Refer to Electrical Coordination Schedules on drawings. Provide disconnects, starters, accessories, wiring, connections, services, etc. where defined as "EC" in the schedule. Information in this section supplements the information in the schedules. Provide power wiring and connections for all equipment (including motor dampers and accessories where applicable) as required to render equipment fully operational. Install local disconnects and starters at 48 inches to top of outlet box or enclosure where applicable above finished floor/slab/grade. Provide flush mounted units in finished areas. Provide key operated manual starters where accessible to unauthorized personnel, including general public.

Maintenance Receptacles: Provide duplex receptacle within 25 feet of all electrically operated equipment of any nature that requires periodic testing or maintenance.

Domestic Water Heaters (Electric): Provide local disconnect switch, and power wiring and connections. Provide interlock wiring with circulating pumps, flow switches and aquastat controls where applicable.

Domestic Hot Water Circulating Pumps (Return Line): Provide manual starter with pilot light, and wire pump to

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PROJECT NAME: BRIARCLIFF MANOR, NY

PROJECT ADDRESS: 107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #:	09369
PROJECT #:	26336-078
ISSUE DATE:	12-22-2023
DESIGN MANAGER:	ANNIE SONG
ENGINEER OF RECORD:	KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
ELECTRICAL OUTLINE SPECIFICATIONS
SCALE: AS SHOWN

SHEET NUMBER:
E004

operate through the aquastat. Refer to wiring diagrams on drawings for further definition.

General Control Wiring Requirements: Unless specifically indicated as empty conduit on drawings or herein, provide electrical control and interlock work as shown on drawings. Provide additional control work as specifically indicated herein. Coordinate HVAC thermostat and sensor locations in field (case by case) with Architect, Owner's Representative and equipment installer to ensure that they are placed in locations that will not interfere with furniture, equipment, artwork, wall-hung specialties, room finishes, etc. Field-verify these wall locations case by case, prior to rough-in, since locations shown on drawings are schematic only.

Low Voltage Thermostats and Sensors: Provide 4-inch square by 2-1/8 inch deep wall outlet boxes at 46 inches above finished floor to center of outlet box (with single-gang rings) for each unit. Provide one 3/4 inch empty conduit from each location, turned out above accessible ceilings (in joist space or against overhead slab/deck). Identify conduit in ceiling cavity; provide sweep bends, bushings and drag line.

26 09 19.00 - ENCLOSED CONTACTORS

Provide contactors equipped with external pilot lights in cover, and external HOA selector switches in cover. Wire contactors for lighting applications so that the "AUTO" position is the normal activated condition (i.e. photocell controlled, photocell/time-clock controlled, remote switch controlled, BAS controlled, etc.); so that the "OFF" position is manual override to turn lighting off; and so that the "HAND" position is manual override to turn lighting on. Provide contactors with field convertible N.O./N.C. contacts and descriptive nameplates.

Electrically Held Contactors: Provide contactors equal to Square D Class 8903 (or Allen-Bradley Bul. 500L-BA*94 series) for tungsten lighting loads, ballast lighting loads, and small resistance heating loads. Provide contactors that are electrically operated and electrically held (EOEH). Provide contactors in factory NEMA 1 enclosures, with 120V coils (unless indicated otherwise elsewhere or otherwise required to render controls fully operable). Provide "dry" contacts rated at 30A, minimum 250V (600V if required by application). Provide number of poles (minimum of three poles) and number of contactors as required for each application. Field verify coil voltage ratings.

26 09 23.00 – LOCAL LIGHTING CONTROLS

Submittal Requirements
Product Data
For equipment, materials and systems specified in this section. Include product data, descriptive information, technical data, wiring diagrams, load restrictions, etc.

General Requirements
Finishes & Wall Plates: Refer to specification 262726.00 – Wiring Devices and match all requirements.

Toggle Switches:
Refer to specification 262726.00 – Wiring Devices.

Momentary-Contact Toggle Switches: Provide Standard of Quality equal to Legrand LVS-1, 3 Amp, 24 VAC/VDC, single-pole, double-throw with center rest, designed to fit conventional toggle switch openings.

Wall-Box Dimmers
Provide dimmer switches equal to Leviton #TSL06 series in configurations shown on the drawings. Dimmer shall be compatible with the light fixtures controlled, specification grade, full dimming range. DO not break off side heat-sink sections when ganging dimmers. Modular, full wave, solid-state units with integral, quiet on-off switches, with audible frequency and EMI/RFI suppression filters.

Time Clocks
365-Day Multi-Purpose Time Clocks: Provide time clock that is programmable 365-day/24-hour with override controls and holiday option. Provide number of channels indicated on the drawings. Provide required external contactors, relays, etc. to render the control systems fully operational. Verify zone control requirements in field prior to rough-in. Provide 100-hour carryover.

Occupancy Sensors, Dual Technology Wall Switches: Provide Wattstopper DW-100 wall switch (or equivalent) and configure as manual on, auto off (vacancy sensor) unless otherwise specified on drawings. Provide with time delay as specified on drawings. If no time delay is specified, program to 10 minutes.

Occupancy Sensors, Dual Technology Ceiling Sensors: Provide Wattstopper DT-300 ceiling mounted occupancy sensor (or equivalent). Provide with time delay as specified on drawings. If no time delay is specified, program to 20 minutes. Adjust sensitivity based on field conditions and occupancy of room to provide 100% coverage without nuisance tripping. Provide Wattstopper BZ-150 universal voltage pack(s) as required to properly power all occupancy sensors and provide switching per the design intent. In areas where multiple occupancy sensors control a single zone together, interlock occupancy sensors/power packs per manufacturer instructions to meet control intent.

26 24 16.00 – PANELBOARDS

Submittal Requirements
Product Data
For each provide bus configuration, current ratings, voltage ratings, SCCR Ratings, overcurrent protective device(s), surge suppression device(s), accessory, and components indicated. Include dimensions and manufacturers' technical data on features, performance, electrical characteristics, ratings, accessories, and finishes.

Subject to compliance with requirements, provide panelboard products of one of the following (for each type and rating of panelboard and enclosure): Square D Company, GE/ABB, Siemens, Eaton/Cutler-Hammer.

Panelboards shall bear UL labels for their specific applications. Panelboards shall be suitable for service voltage with number of branch circuits of capacity scheduled. Unless otherwise indicated, panelboards and sections thereof, if any, shall have main-lugs-only of capacity equal to, or greater than, the rating or setting of the over the current protective device next back on the line. All circuit breaker panelboard bus assemblies shall be of the distributed (sequence) bussing type throughout, so that any 2 adjacent single pole breakers and/or spaces shall be replaceable by a 2-pole internal common trip breaker, and any 3 adjacent single pole breakers and/or spaces shall be replaceable by a 3 pole internal common trip breaker, 15 amp through 70 amp inclusive, without disturbing any other breaker. All panelboards shall be UL listed and labeled for use as service entrance equipment where being used as such.

208Y/120V panelboards shall be equal to Square D NQ with bolt-on branch breakers

All bussing shall be copper or aluminum.

All branch circuit breakers shall be full ambient compensated thermal magnetic molded case with quick-make and quick-break action and positive beandle trip indication, both on manual and on automatic operation. Breakers shall be of the over-the-center toggle operating type with the handle going to a position between "on" and "off" to indicate automatic tripping. All breakers shall be bolt-on type.

All circuit breakers shall be full size. "Tandem" or "split" breakers shall not be permitted. All multi-pole breakers shall have internal common trip with all load side box lugs of one breaker in the same gutter. All circuit breakers shall have sealed cases to prevent tampering. All 15 and 20 ampere branch circuit breakers shall be UL Listed as SWD (switching duty). All 15-70 ampere branch circuit breakers shall be HACR Type. All GFCI circuit breakers shall be UL Class A with maximum threshold of 5 mA. All branch circuit breakers serving all ballasted (fluorescent/HID) lighting loads shall be HID rated.

Provide all electrical distribution related equipment with appropriately braced bussing and properly rated breakers, fuses, etc. for the available fault currents. In existing buildings where fault current values are not indicated on drawings, coordinate with existing "upstream" distribution equipment provide equipment AIC ratings to meet or exceed same.

Fill out panelboard's circuit directory card upon completion of installation work. Directories shall be neatly typewritten. All panelboard directories shall include the actual room names/numbers that are selected for interior signage/designation.

All recessed panelboards shall be provided with a minimum of three 1-1/4" empty conduits terminated to a single 12" X 12" X 6" deep junction box above accessible ceiling.

26 27 26.00 - WIRING DEVICES

Submittal Requirements
Product Data
For each type include electrical characteristics, configurations, ratings, markings, colors, etc.

Unless specifically indicated otherwise, or directed otherwise in field, coordinate finishes for wiring devices with architect and owner prior to ordering. Where applicable, devices on different branches of power shall be a different color.

Provide grounded ("neutral") conductors in all wall switch, dimmer and other lighting control outlet boxes, even if not immediately utilized.

Provide wall plates with engraved legends where indicated on drawings and/or where required per 26 05 53.00 - IDENTIFICATION FOR ELECTRICAL SYSTEMS Section. All device wall plates shall be standard size; "midway", "oversized" ("jumbo") or "extra deep" wall plates shall not be acceptable. Construct with metal screws for securing plates to devices; screw heads colored to match finish of plates. Except where/if indicated otherwise on drawings, wall plates in finished areas shall be commercial specification grade, satin finish stainless steel, with beveled edges, equal to Leviton Type 430 series. Wall plates in unfinished areas shall be galvanized steel unless otherwise noted. Refer to architectural finish schedules and owner representative for additional information.

Wall-Box Type Lighting Controls:
Refer to specification 260923.00 – Local Lighting Controls for types not listed here.

Toggle Switches:
Provide toggle switches equal to Leviton #122x-2 series in configurations shown on the drawings. Provide switches that are flush, self-grounding with green ground screw, back and side wired, and specification grade. 120/277V, 20A, AC quiet type.

Receptacles:

Special purpose receptacles shall be of the size, type and manufacturer as indicated on the plans or as determined in field.

Weather Resistant (WR) GFCI Receptacles: Provide for all receptacles installed in damp or wet locations. Any receptacle shown on the drawings with "WP/GFCI" next to it denoting exterior cover shall be installed with a WR GFCI receptacle. Provide duplex weather resistant receptacles equal to Leviton # W7899 series. Provide Weather-Resistant Receptacles with UL "WR" marking. For receptacle circuits protected with 15A breakers, provide NEMA 5-15R equivalents.

Duplex and Single Specification Grade Receptacles: 2-pole, 3-wire grounding, self-grounding, green grounding screw, ground terminals and poles internally connected to mounting yoke, color coded base, 20-amperes, 125-volts, with metal plaster ears, back and side wiring, NEMA configuration 5-20R. Provide duplex receptacles equal to Leviton #5362 series. For receptacle circuits protected with 15A breakers, provide NEMA 5-15R equivalents. Provide receptacles equal to Leviton #5361 series for simplex (single) applications. Provide clock hanger receptacles equal to Leviton #5361-CH.

Self-Grounding Commercial Specification grade, Duplex Receptacles, Ground-Fault Circuit Interrupters: Feed-thru type, capable of protecting connected downstream receptacles on single circuit, grounding type UL-rated 943, Class A, Group 1, specification grade, 20-amperes rating (device and feed-thru), 125-volts, 60 Hz; with solid-state ground-fault sensing and signaling (maximum threshold of 5mA at 0.025 seconds maximum); equip with 20-ampere plug configuration, NEMA 5-20R. Provide ground fault circuit interrupter duplex receptacles equal to Leviton #8898 series. For receptacle circuits protected with 15A breakers, provide NEMA 5-15R equivalents. Where GFCI protected receptacles are shown on drawings, provide a separate GFCI receptacle for each one shown. Do not feed downstream receptacles from load-side (GFCI-protected) terminals of upstream receptacles.

26 28 13.00 – FUSES

Extra Material
Fuses: Furnish fuses equal to 10% of project quantity not exceeding (10) for each amperage. Furnish no fewer than (2) for single phase applications and (3) for three phase applications.

All fuses shall be of the same manufacturer. Subject to compliance with requirements, provide fuses of one of the following: Bussman, LittelFuse, Shawmut (A4BQ series).

Except as otherwise indicated, provide fuses of types, sizes, ratings, and average time-current and peak let-through current characteristics indicated, which comply with manufacturer's standard design, materials, and constructed in accordance with published product information, and with industry standards and configurations. Fuses 1 ampere through 600 amperes shall be rejection type. Fuses 601 amperes through 6000 amperes shall be Hi-Cap, bolt type.

Provide UL Class RK5 time-delay, dual-element (with pure silver links) fuses equal to Bussman #LPS-RK5 (600V) or Bussman #LPN-RK5 (250V) rated 60 Hz with 200,000 RMS symmetrical interrupting current rating for protecting general duty motors.

Provide factory fuse identification labels, installed on the inside of the door of each switch indicating type and size of fuses installed. For types and ratings required, furnish additional fuses, amounting to 10 percent of fuses supplied, but not less than one set of 3 of each kind.

Each fuse shall be clearly factory marked with classification, characteristics, ampere ratings, voltage ratings, etc. Fuses shall not be shipped installed in switches nor shall they be installed in the equipment until the equipment until the equipment is ready to be energized.

Prior to installing fuses for protection of specific equipment, motors, etc., verify recommended fuse size/type in field from respective equipment manufacturer. If a conflict in fuse size/type results between manufacturer's recommendations and above specifications, contact engineer. Provide all required fuses under base bid. Install fuses in fused switches.

26 51 00.00 - LIGHTING

Submittal Requirements
Product Data
For each type include detailed product information, light source, color temperature, color rendering index, lumen outputs, life, driver manufacturer, model and type, ceiling connection details, integral controls as applicable, drawings of custom fixtures or components, wiring diagrams, warranty, etc. Arrange luminaire submittals in booklet form with separate sheets for each luminaire, assembled by luminaire "type" in alphabetical order.

All recessed luminaires shall be equipped with necessary plaster frames and surface trim.

All junction boxes and serviceable components for recessed luminaires shall be readily accessible for service or replacement from below the ceiling, without removing any ceiling components (other than tiles).

All luminaires utilized for emergency and/or egress lighting shall be connected ahead of switching. All drivers of the same type shall be of the same manufacturer and catalog number. All LED modules of the same type shall be of the same manufacturer and catalog number.

Light Emitting Diode (LED) Systems: Provide factory installed LED modules that are specifically designed for, and matched and mated to, the respective luminaire in which they are used. Provide LED modules that can easily be replaced in the field and are readily accessible for replacement. Provide color temperature as indicated in Luminaire Schedule. Provide factory installed driver(s) for the LED source utilized that are specifically coordinated to the LED source and luminaire in which they are used. Provide driver(s) having specific operating characteristics defined in the Luminaire Schedule. Provide driver(s) that can easily be replaced in the field and are readily accessible for replacement. Provide specification sheet for the specific driver as part of the Luminaire Submittal. Provide Total Harmonic Distortion (THD) rating of less than 20 percent. Provide factory-installed integral filtering system to ensure THD does not exceed 20 percent regardless of quantities and/or mixes with other manufactured LED systems.

All surface and recessed ceiling luminaires installed on grid or tile ceilings shall be installed to agree with module of ceiling either displacing a tile, or unit on center of tile, or centered on grid lines.

Provide luminaires and/or luminaire outlet boxes with hangers to properly support luminaire weight. All luminaires installed in or on suspended ceiling systems shall be anchored directly to the building structural system above. Such anchoring shall be independent of the ceiling support system. All luminaires shall be installed plumb and level. Support surface mounted luminaires greater than 2 feet in length at a point in addition to the outlet box luminaire stud.

Occupancy Adjustments: When requested within 12 months of date of Substantial Completion, provide on-site assistance in adjusting aimable luminaires to suit actual occupied conditions. Provide up to two visits to Project during other-than-normal occupancy hours for this purpose. Some of this work may be required after dark. Adjust aimable luminaires in the presence of Owner's Representative and Design Professionals.

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PROJECT NAME:
BRIARCLIFF MANOR, NY

PROJECT ADDRESS:
107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #: 09369
PROJECT #: 26336-078

ISSUE DATE: 12-22-2023

DESIGN MANAGER: ANNIE SONG
ENGINEER OF RECORD: KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
ELECTRICAL OUTLINE SPECIFICATIONS
SCALE: AS SHOWN

SHEET NUMBER:
E005

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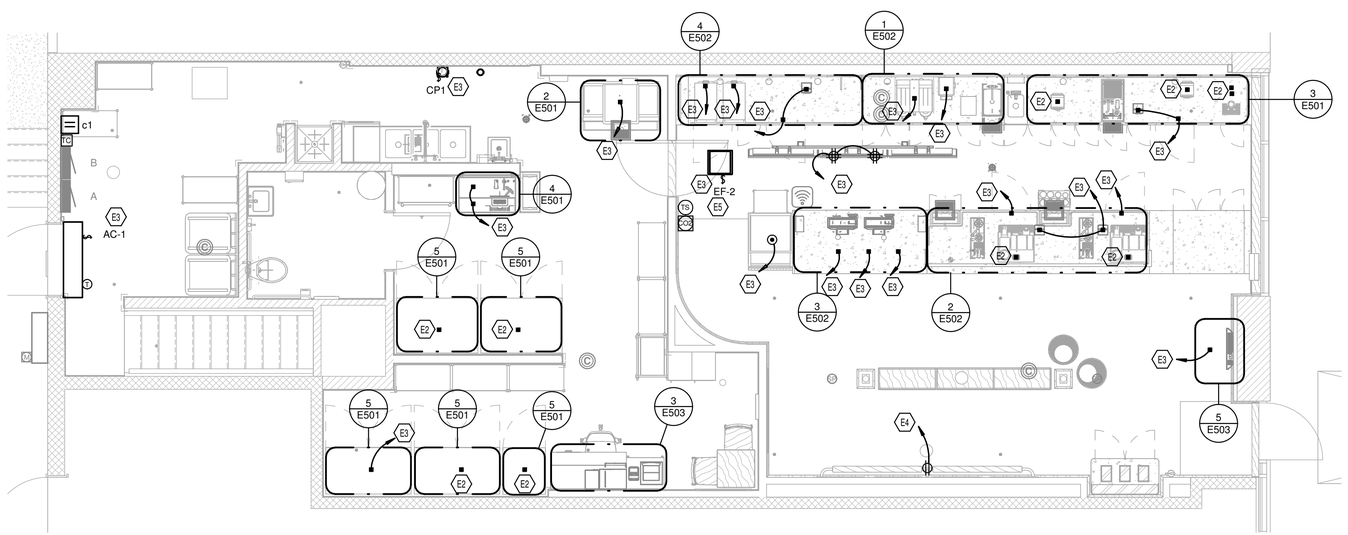
ELECTRICAL FIXTURE SCHEDULE

General Tag	Equipment Mark	Count	Load	Load Classification	Poles
POS	10008	2	300 VA	Non-Continuous	1
SAFE	10024	1	300 VA	Non-Continuous	1
LABELER	10075	4	41 VA	Non-Continuous	1
UC FRIDGE	10267	3	480 VA	Kitchen Equipment	1
GRINDER	10808	1	960 VA	Kitchen Equipment	1
REACH IN FRIDGE	11083	2	672 VA	Kitchen Equipment	1
ON COUNTER BLENDER	12508	2	1800 VA	Kitchen Equipment	1
UC FRIDGE	12618	1	480 VA	Kitchen Equipment	1
FREEZER REACH IN	13620	1	660 VA	Kitchen Equipment	1
FREEZER REACH IN	13682	2	1152 VA	Kitchen Equipment	1
ESPRESSO MACHINE	19742	2	7100 VA	Kitchen Equipment	2
NITRO FRIDGE	20011	1	480 VA	Kitchen Equipment	1
OVEN	20032	2	6240 VA	Kitchen Equipment	2
ZEPHYR CASE	21215	1	720 VA	Receptacle	2
NITRO GENERATOR	21679	1	480 VA	Kitchen Equipment	1
BREWER	22885	1	8320 VA	Kitchen Equipment	2
ORDER BOARD	23021	1	180 VA	Non-Continuous	1
ICE MACHINE	23182	1	6000 VA	Kitchen Equipment	2



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

GENERAL NOTES

A. REFER TO ELECTRICAL DETAIL SHEETS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF ELECTRICAL DEVICES.

B. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR CONFIRMING ALL VOLTAGE REQUIREMENTS ON ALL EQUIPMENT AND PROVIDING BUCK-BOOST TRANSFORMERS AS MAY BE NEEDED FOR CODE. ALL ARE NOT NECESSARILY INDICATED.

C. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH PLUMBING AND HEATING, VENTILATING, AND AIR CONDITIONING (HVAC) CONTRACTORS FOR ANY ADDITIONAL EQUIPMENT NEEDING POWER.

D. ANY EQUIPMENT NOTED AS 'FUTURE' SHALL BE PROVIDED WITH APPROPRIATE RECEPTACLES AND WIRING TO ENABLE FUTURE OPERATION.

E. GROUND FAULT CIRCUIT INTERRUPTER (GFCI) BREAKERS (NOT RECEPTACLES) SHALL BE UTILIZED WHERE REQUIRED BY CODE AND AT ANY FLOOR BOXES. PROVIDE DEDICATED NEUTRAL WIRE FOR ALL THESE CIRCUITS.

F. EQUIPMENT REQUIRES CONNECTION TO THE BUILDING ELECTRICAL SYSTEM. FURNISH AND INSTALL ALL NECESSARY CONDUIT, WIRE, CONNECTIONS, RECEPTACLES AND OVERCURRENT PROTECTION NECESSARY TO ENSURE THE EQUIPMENT FUNCTIONS PROPERLY AND COMPLIES WITH ALL APPLICABLE LOCAL AND NATIONAL CODES. COORDINATE EQUIPMENT REQUIREMENTS WITH MANUFACTURER CUT SHEET PRIOR TO ROUGH-IN.

G. ALL FRONT BAR J-BOXES AND OUTLETS SHALL BE SURFACE MOUNTED. PROVIDE CONDUITS AS NEEDED AND ONE (1) ADDITIONAL SPARE CONDUIT BETWEEN ALL J-BOXES FOR FUTURE ELECTRICAL REQUIREMENTS. ALL J-BOXES SHALL BE POSITIONED TO AVOID OBSTRUCTION OF ANY EQUIPMENT SUCH AS REFRIGERATORS AND DISHWASHERS.

H. REFERENCE LANDLORD WORK LETTER FOR DIVISION OF ELECTRICAL SCOPE OF WORK AND COORDINATE WITH STARBUCKS CONSTRUCTION MANAGER.

KEYED NOTES

E2 EXISTING EQUIPMENT TO BE RELOCATED. EXTEND/MODIFY/TRUCATE EXISTING CONDUIT AND WIRING AS REQUIRED FOR RELOCATION. MAINTAIN EXISTING CIRCUITING. VERIFY IF EXISTING BREAKER IS GFI AND ADD NEW GFI BREAKER IF REQUIRED.

E3 CONNECT NEW EQUIPMENT TO CIRCUITS MADE SPARE THROUGH DEMOLITION OF EXISTING EQUIPMENT OR ANY SPACE IN THE ELECTRICAL PANELS. PROVIDE NEW GFCI BREAKERS AS REQUIRED PER THE ELECTRIC CIRCUIT SCHEDULE. IF THERE ARE NO AVAILABLE CIRCUIT BREAKERS, TIE NEW KITCHEN EQUIPMENT TO LOCAL CIRCUIT. VERIFY CIRCUITS DO NOT EXCEED 80% RATING OF THE OVERCURRENT PROTECTION.

E4 CONNECT NEW RECEPTACLES TO CIRCUITS MADE SPARE THROUGH DEMOLITION OF EXISTING EQUIPMENT OR ANY SPACE IN THE ELECTRICAL PANELS. PROVIDE NEW GFCI BREAKERS AS REQUIRED PER THE ELECTRIC CIRCUIT SCHEDULE. IF THERE ARE NO AVAILABLE CIRCUIT BREAKERS, TIE NEW KITCHEN EQUIPMENT TO LOCAL CIRCUIT. VERIFY CIRCUITS DO NOT EXCEED 80% RATING OF THE OVERCURRENT PROTECTION.

E5 CONNECT EXHAUST FANS TO THE LIGHTING IN THIS ROOM. PROVIDE RELAYS AS REQUIRED.

0 2' 4' 8'
Scale: 1/4" = 1'-0"

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PROJECT NAME: BRIARCLIFF MANOR, NY

PROJECT ADDRESS: 107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #:	09369
PROJECT #:	26336-078
ISSUE DATE:	12-22-2023
DESIGN MANAGER:	ANNIE SONG
ENGINEER OF RECORD:	KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
POWER PLAN

SCALE: AS SHOWN

SHEET NUMBER:
E101

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LIGHTING FIXTURE SCHEDULE - "L"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	LAMP TYPE	COMMENTS	LOAD	VOLTAGE
12946	5	TRACK - WITH CONNECTORS - 4FT 122CM - BLACK - 1 CIRCUIT	SB	GC	N/A	BY FSGI	0 VA	120 V
19057	3	LED EMERGENCY LIGHT DOUBLE - BLACK	SB	GC			4 VA	120 V
20774	2	PENDANT - REJUVENATION CEDAR AND MOSS - 10IN 255MM - OILED BRONZE	SB	GC	INTEGRAL LED	BY FSGI	22 VA	120 V
21771	23	CAN - LED ADJUSTABLE RECESSED - 3IN 75MM - BLACK - 800LM FLOOD	SB	GC	INTEGRAL LED	BY FSGI	12 VA	120 V
21779	14	TRACK - LED FIXTURE WITH SNOOT - 3IN 75MM - BLACK - 1100LM FLOOD	SB	GC	INTEGRAL LED	BY FSGI	16 VA	120 V
21781	3	STRIP - LED TAPE IN HOUSING - VARIABLE LENGTH - ALUMINUM - 350LM PER FT	SB	GC	INTEGRAL LED	BY FSGI. FIELD TRIMMABLE TO 0.9IN LENGTHS	0 VA	120 V
21783	4	TROFFER - LED RECESSED - 24X48IN 600X1200MM - WHITE - 4300LM	SB	GC	INTEGRAL LED		36 VA	120 V
22401	11	TRACK - LED FIXTURE WITH SNOOT - 3IN 75MM - BLACK - 1100LM WIDE FLOOD	SB	GC	INTEGRAL LED	BY FSGI	16 VA	120 V
X7001	2	RECESSED POP-UP EMERGENCY LIGHT - 8INX8IN SQUARE - WHITE	SB	GC	INTEGRAL LED	BY FSGI. CONCEALITE MODEL# F5-LED6.5-90. GC TO POWDERCOAT TO MATCH ADJACENT SCHEDULED CEILING FINISH	7 VA	120 V

LUMINAIRE GENERAL NOTES

A. DETAILS IN COMMENTS SECTION OF LUMINAIRE SCHEDULE SHALL APPLY IN ADDITION TO CATALOG SERIES.
B. LAMP, BALLAST AND TRANSFORMER INFORMATION IN SPECIFICATION SHALL APPLY IN ADDITION TO INFORMATION IN LUMINAIRE SCHEDULE.
C. REFER TO DRAWINGS FOR MOUNTING TYPE, NUMBER OF FACES AND ARROWS OF EXIT SIGNS.
D. VERIFY LUMINAIRE, LAMP AND VOLTAGE COMPATIBILITY.
E. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING EACH LUMINAIRE LOCATION WITH THE ARCHITECTURAL REFLECTED CEILING PLANS AND FOR VERIFYING AND PROVIDING THE MOUNTING SYSTEM REQUIRED FOR EACH LUMINAIRE. THE CONTRACTOR ALSO PROVIDE PLASTER FRAMES, WALL BRACKETS, SUPPORTS, OR OTHER APPURTENANCES AS REQUIRED FOR PROPER INSTALLATION.
F. CLEAN WHITE COTTON GLOVES SHALL BE WORN WHEN HANDLING THE LUMINAIRES' EXPOSED REFLECTIVE SURFACES. THE CONTRACTOR SHALL CLEAN ALL SURFACES, INCLUDING DUST, FINGERPRINTS, PAINT, ETC. WITH A CLEAN DRY CHEESECLOTH AFTER ALL INTERIOR WORK HAS BEEN COMPLETED. PLASTIC SHIPPING BAGS SHALL REMAIN ON THE LUMINAIRES UNTIL WORK IS COMPLETED.

GENERAL NOTES

A. ALL FIXTURES IN WORK ROOM, BACK AND FRONT LINE, ABOVE CONDIMENT CART, AND ANY OTHER AREAS WHERE EXPOSED FOOD, CLEAN EQUIPMENT OR UTENSILS, OR UNWRAPPED SINGLE SERVICE ITEMS WILL BE EXPOSED, SHALL HAVE SHATTERPROOF LAMPS IF THE FIXTURE IS NOT LENSED. ARCHITECT OF RECORD TO INCLUDE APPROPRIATE LAMPS / FIXTURES ON DRAWINGS AND SCHEDULES, AND COMPLY WITH ANY ADDITIONAL JURISDICTIONAL LIGHTING REQUIREMENT.

B. PROVIDE GROMMET AT ALL CEILING PENETRATIONS FOR FIXTURES/SUPPORTS.

C. CENTER EMERGENCY/EXIT LIGHTS ABOVE DOORS, UNLESS OTHERWISE NOTED.

D. ADJUST FOCUS OF ALL TRACK AND RECESSED DIRECTIONAL LIGHTING TO FULLY ILLUMINATE ALL ARTWORK, MENU BOARDS, AND MERCHANDISE BAYS.

E. IF PENDANT CYLINDERS CAN SUSPENDED LENGTH EXCEEDS 48" (1220MM) FROM CEILING, REPLACE WITH SURFACE MOUNTED CYLINDER CANS AND SUSPEND WITH GENERAL CONTRACTOR SUPPLIED CONDUIT AND J-BOX TO DIMENSIONED HEIGHT.

KEYED NOTES

L1 PROVIDE (1) 96W LED DRIVER FOR EVERY 20' OF TAPE LIGHTING.
L2 PROVIDE NEW SWITCH BANK FOR LIGHTING CONTROLS REFER TO SWITCH BANK LIGHTING DETAIL ON SHEET E503 FOR MORE INFORMATION
L4 CONNECT NEW LIGHTS TO EXISTING CIRCUIT PREVIOUSLY SERVING THIS AREA. IF THERE ARE NO AVAILABLE CIRCUIT BREAKERS, TIE NEW LIGHTING TO LOCAL CIRCUIT. VERIFY CIRCUITS DO NOT EXCEED 80% RATING OF THE OVERCURRENT PROTECTION.CONNECT TO NEW TIMECLOCK AND CONTACTOR CONTROLS. REFER TO SWITCH BANK DETAIL FOR SWITCH INFORMATION AND TYPES.
L5 CONNECT NEW LIGHTS TO EXISTING CIRCUIT IN THIS ROOM. CONTROL WITH LIGHTING CONTROLS IN THIS ROOM.
L6 RELOCATE EXISTING TRACK TO NEW LOCATION SHOWN.

LIGHTING CONTROL DESIGN INTENT

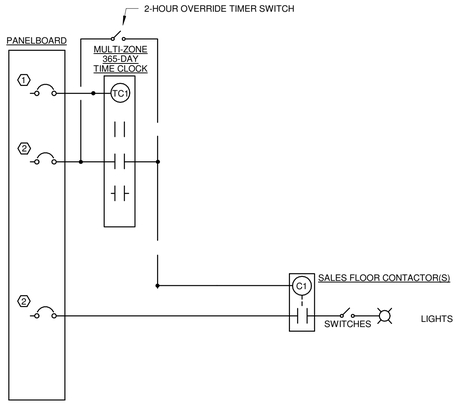
EXTERIOR LIGHTING AND SIGNAGE:
HARDWARE: LIGHTING CONTACTOR(S) AND TIMECLOCK.
CONTROL INTENT: STOREFRONT LIGHTING AND SIGNAGE SHALL TURN "ON" AND "OFF" BASED ON THE TIME SCHEDULE(S) PROGRAMMED INTO THE TIMECLOCK.

DINING AREA LIGHTS AND TRACK LIGHTING:
HARDWARE: WALL MOUNTED DIMMER SWITCHES, LIGHTING CONTACTOR AND TIMECLOCK.
CONTROL INTENT: DURING BUSINESS HOURS (HOURS PROGRAMMED INTO TIMECLOCK) THE DINING AREA LIGHTS AND TRACK LIGHTING SHALL TURN "ON" AND "OFF" BASED ON THE TIME SCHEDULE(S) PROGRAMMED INTO THE TIMECLOCK.
THE OVERRIDE SWITCH SHALL OVERRIDE THE TIMECLOCK SCHEDULING (FOR A MAXIMUM OF 2-HOURS) AND ALLOW FOR AFTER HOURS CONTROL OF THE LIGHTING.

ENGINE LIGHTING:
HARDWARE: WALL MOUNTED DIMMER SWITCHES, LIGHTING CONTACTOR AND TIMECLOCK.
CONTROL INTENT: DURING BUSINESS HOURS (HOURS PROGRAMMED INTO TIMECLOCK) THE SALES AREA GENERAL LIGHTING AND STOCK ROOM SHALL TURN "ON" AND "OFF" BASED ON THE TIME SCHEDULE(S) PROGRAMMED INTO THE TIMECLOCK.
THE OVERRIDE SWITCH SHALL OVERRIDE THE TIMECLOCK SCHEDULING (FOR A MAXIMUM OF 2-HOURS) AND ALLOW FOR AFTER HOURS CONTROL OF THE LIGHTING.

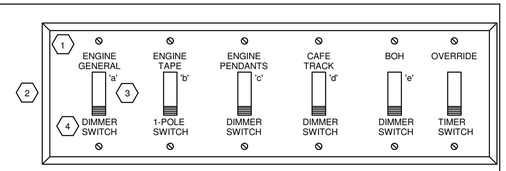
KEYED NOTES:

1. PROVIDE TIME-BASED CONTROL FOR APPLICABLE CIRCUITS AS DEFINED ON TIMECLOCK SCHEDULE.
2. PROVIDE CONTACTOR CONTROL FOR APPLICABLE CIRCUITS AS DEFINED ON LIGHTING CONTACTOR SCHEDULE.
3. EF-1 IS TO BE CIRCUITED AHEAD OF RESTROOM VESTIBULE LOCAL CONTROL TO ALLOW FOR TIME-BASED CONTROL ONLY.



LIGHTING CONTROL SCHEMATIC

SCALE: NONE



KEYED NOTES:

1. PROVIDE ENGRAVED DESCRIPTION WITH BLACK REVEAL & +/- 3/16" HIGH LETTERING (TYPICAL).
2. SEE SPECIFICATIONS FOR WALL PLATE MATERIAL, STYLE AND TYPE (TYPICAL).
3. SWITCHING DESIGNATION (TYPICAL - SHOWN FOR REFERENCE ONLY, NOT TO BE ENGRAVED).
4. TYPE OF SWITCH (TYPICAL - SHOWN FOR REFERENCE ONLY, NOT TO BE ENGRAVED).
5. PROVIDE MASTER OVERRIDE SWITCH.

SWITCH BANK WALL PLATE DETAIL

SCALE: NONE

ELECTRIC CONTACTOR SCHEDULE

NOTES:
1) PROVIDE A MINIMUM OF (2) SPARE CONTACTS IN EACH CONTACTOR UNLESS NOTED OTHERWISE.
2) REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
3) CONTACTOR DESIGNATIONS DO NOT INDICATE QUANTITY OF CONTACTORS, THEY INDICATE CONTACTOR GROUPING(S) AND COMMON CONTROL METHODS ONLY. PROVIDE QUANTITY OF CONTACTOR(S) NEEDED TO ACCOMMODATE NUMBER OF POLES SHOWN.

CONTROL ZONE DESCRIPTION & CONTACTOR CONTROL METHOD

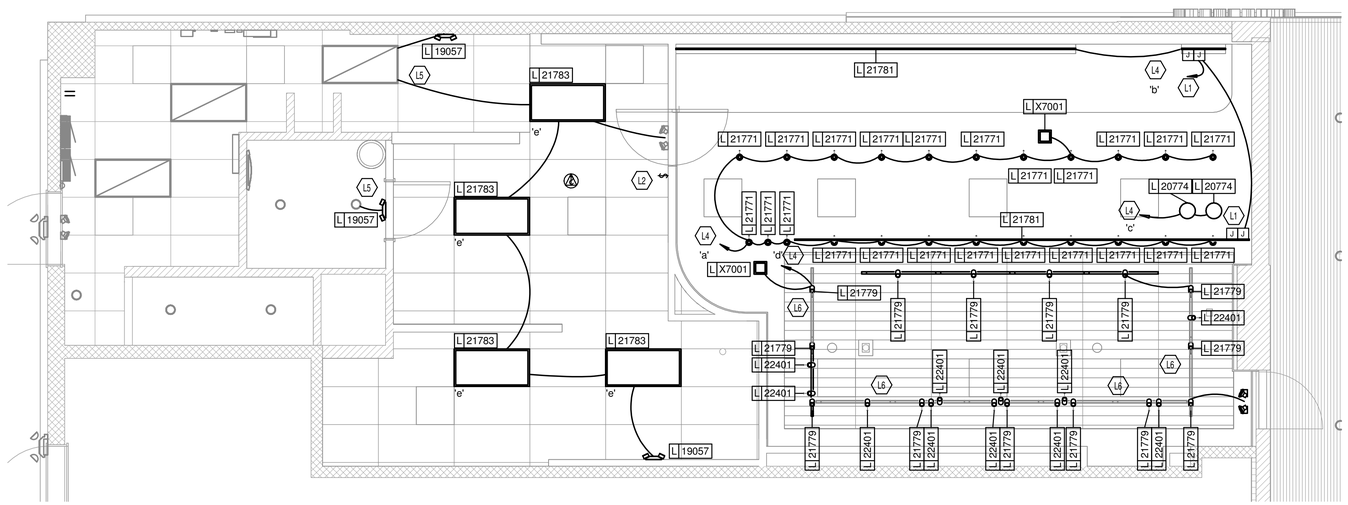
C1 - INTERIOR LIGHTING

SUPPLY	CIRCUIT NUMBER	NUMBER OF POLES	CONTACT CURRENT	LOAD NAME
C1				
A	20	1	4 A	LTG PICKUP 100
A	26	1	2 A	LTG ENGINE 101
A	28	1	0 A	LTG ENGINE 101
A	7	1	3 A	LTG ENGINE 101

ELECTRIC CURRENT LIMITER SCHEDULE

PROVIDE INTEGRAL CURRENT LIMITERS AS SPECIFIED IN THIS SCHEDULE FOR EACH CIRCUIT IN THIS SCHEDULE. ATTACH CURRENT LIMITER TO THE END OF THE TRACK. WHERE ONE CIRCUIT FEEDS MULTIPLE RUNS OF TRACK PROVIDE ALL ADDITIONAL END-FEEDS AND CONNECTORS NECCESSARY SO THAT A SINGLE CURRENT LIMITER FEEDS ALL TRACK SEGMENTS ON THAT CIRCUIT.

MANUFACTURER	VOLTAGE	FED FROM PANEL	FED FROM CIRCUIT	CONNECTED LOAD	EXTRA CAPACITY (%)	RATING	LOAD NAME
Contech	120 V	A	20	4.19 A	10	6.00 A	LTG PICKUP 100



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

STARBUCKS OWNER'S PROJECT REQUIREMENTS AND BASIS OF DESIGN

FOH		
CONTROLS	ON / OFF MANUAL WITH TIMECLOCK AUTO-OFF	
DAYLIGHT CONTROLS		
CONTROL	AS REQUIRED BY CODE	
WORKROOM / BOH		
CONTROL	OCCUPANCY W/ MANUAL ON	
TIME DELAY	20 MINUTES	
RESTROOM		
CONTROL	OCCUPANCY W/ MANUAL ON	
TIME DELAY	15 MINUTES	
INTERIOR SIGNAGE		
SCHEDULE	STORE OPEN TO CLOSE	
CONTROL	TIME CLOCK / EMS	
EXTERIOR SIGNAGE		
SCHEDULE	30 MINUTES BEFORE OPEN TO CLOSE	
CONTROL	PHOTOCELL / TIME CLOCK / EMS	
EXTERIOR LIGHTING		
SCHEDULE	TYPICAL: 60 MINUTES BEFORE OPEN TO 60 MINUTES AFTER CLOSING 24 HOUR STORE: DUSK TO DAWN	
CONTROL	PHOTOCELL / TIME CLOCK / EMS	

N

0 2' 4' 8'
Scale: 1/4" = 1'-0"

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BRIARCLIFF MANOR, NY

PROJECT ADDRESS:
107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #: 09369
PROJECT #: 26336-078

ISSUE DATE: 12-22-2023

DESIGN MANAGER: ANNIE SONG
ENGINEER OF RECORD: KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
LIGHTING PLAN

SCALE: AS SHOWN

SHEET NUMBER:
E102

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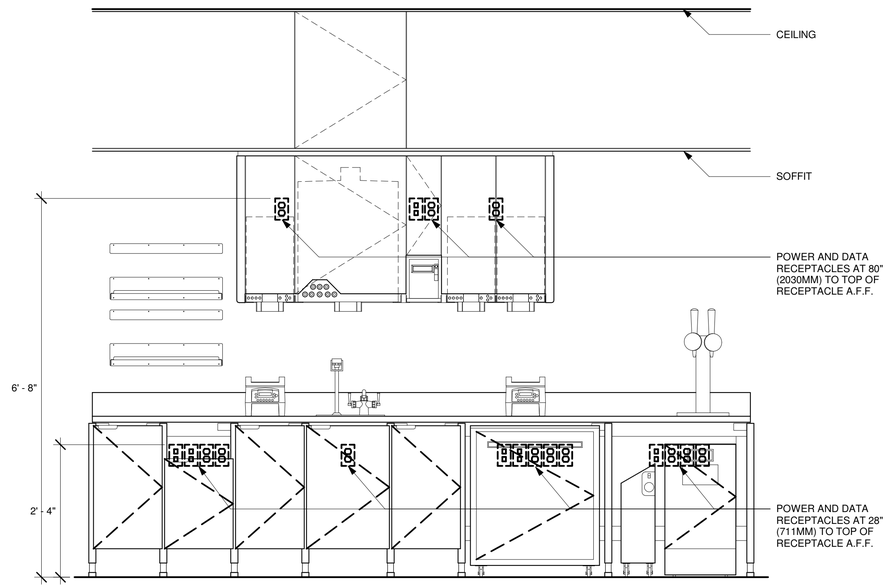
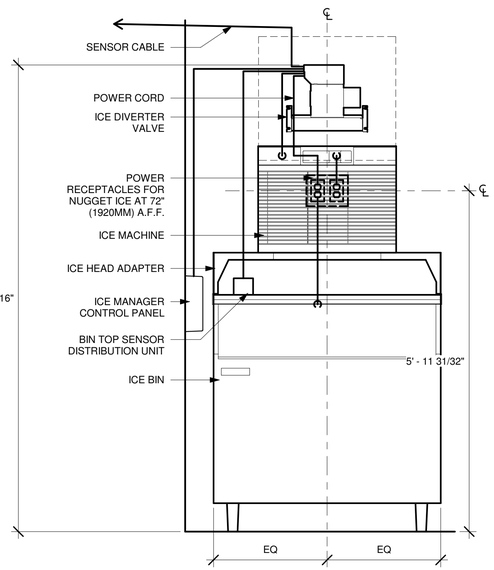
ELECTRICAL SYMBOL LEGEND - DETAILS ONLY

J	JUNCTON BOX		RECEPTACLE: DUPLEX
$	SWITCH		RECEPTACLE: DUPLEX - INDIVIDUAL BRANCH CIRCUIT
$3	THREE-WAY SWITCH		RECEPTACLE: QUAD
$M	MOTION (OCCUPANCY) SENSOR SWITCH		RECEPTACLE: QUAD - INDIVIDUAL BRANCH CIRCUIT
S	SWITCHBACK		RECEPTACLE: HIGH VOLTAGE
▼	TELEPHONE		RECEPTACLE: FLOOR DUPLEX
T	THERMOSTAT		GROUNDING ELECTRODE CONNECTION
S	THERMOSTAT SENSOR	NL	NIGHTLIGHTING 24HR/DAY
	DIMMER SWITCH	PE	PHOTOELECTRIC CELL
	RECEPTACLE: DATA		SPEAKER

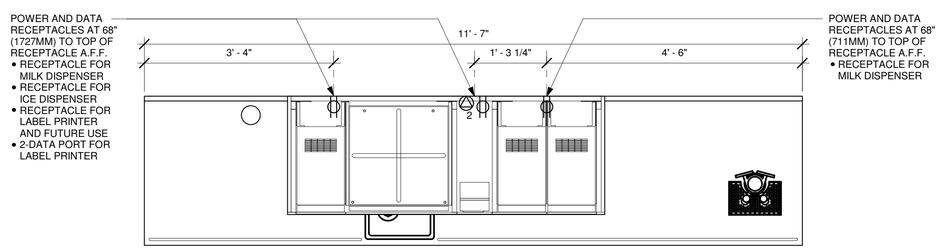
RACEWAY CONCEALED IN CEILING OR WALL.
HASH MARKS INDICATE NUMBER OF WIRES.
#12 AWG WIRE UNLESS OTHERWISE NOTED.
TWO WIRES PLUS GROUND IF NO HASH MARKS SHOWN.
LONG HASH MARK DENOTES NEUTRAL.
GROUND WIRE NOT SHOWN.



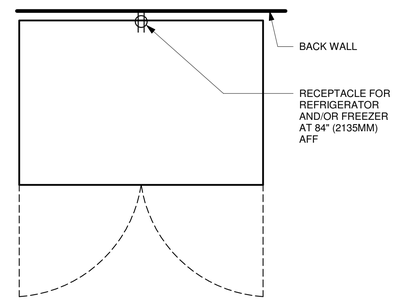
ELEVATION - ELECTRICAL DIAGRAM



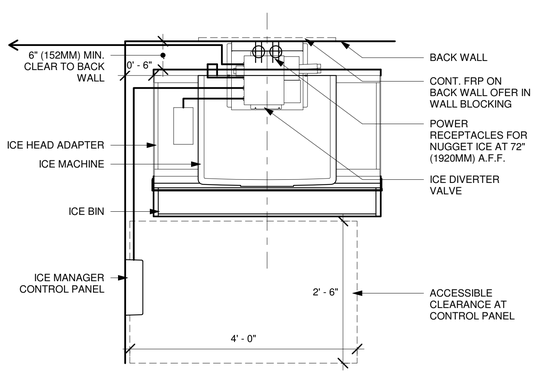
ELEVATION - ELECTRICAL DIAGRAM



PLAN - UPPER ELECTRICAL DIAGRAM

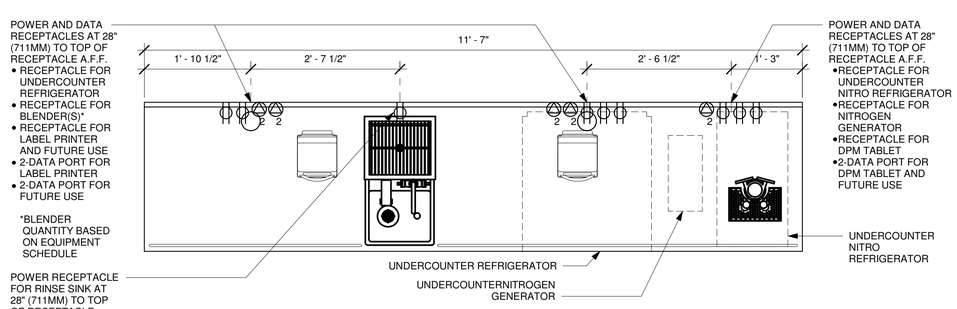


5 REFRIGERATOR/FREEZER - ELECTRICAL
3/4" = 1'-0"



PLAN - ELECTRICAL DIAGRAM

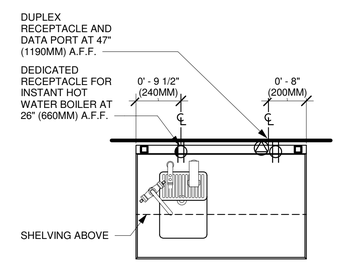
2 ELECTRICAL - NUGGET ICE
3/4" = 1'-0"



PLAN - ELECTRICAL DIAGRAM

ADAPTABLE CASEWORK DETAIL

3 CBE 16-01 ELECTRICAL
3/4" = 1'-0"



4 WATER FILLING STATION - ELECTRICAL
3/4" = 1'-0"

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ISSUE DATE:	12-22-2023
DESIGN MANAGER:	ANNIE SONG
ENGINEER OF RECORD:	KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
ELECTRICAL DETAILS

SCALE: AS SHOWN

SHEET NUMBER:
E501

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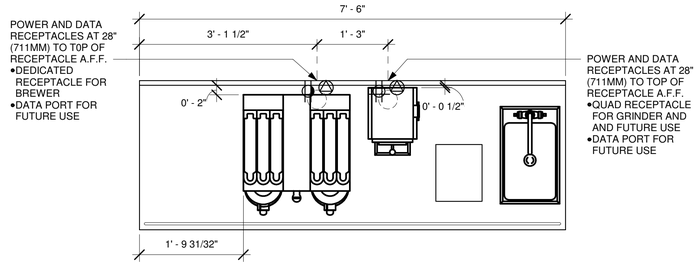

ADAPTABLE CASEWORK DETAIL

1 BRW 09-01 ELECTRICAL
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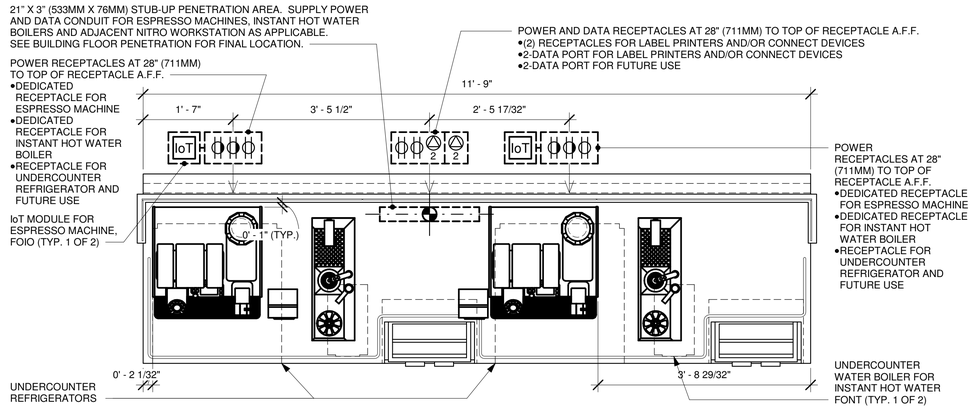

ADAPTABLE CASEWORK DETAIL

2 ESP 04-02 ELECTRICAL
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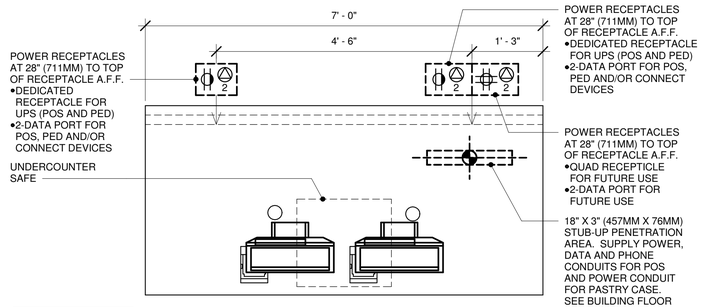

ADAPTABLE CASEWORK DETAIL

3 POS 05-01 ELECTRICAL
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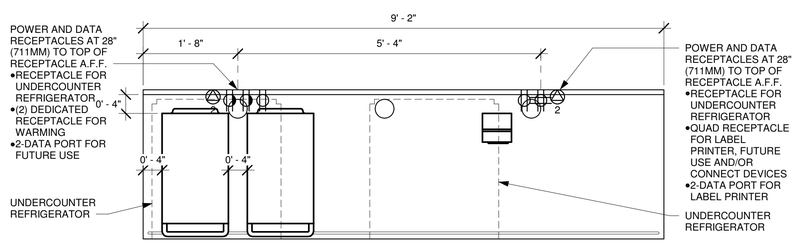

ADAPTABLE CASEWORK DETAIL

4 WRM 16-03 ELECTRICAL
3/4" = 1'-0"

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PROJECT NAME:
BRIARCLIFF MANOR, NY

PROJECT ADDRESS:
107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #:	09369
PROJECT #:	26336-078
ISSUE DATE:	12-22-2023
DESIGN MANAGER:	ANNIE SONG
ENGINEER OF RECORD:	KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
ELECTRICAL DETAILS

SCALE: AS SHOWN

SHEET NUMBER:
E502

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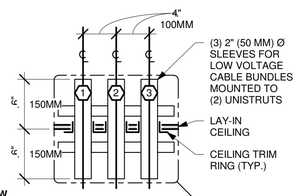
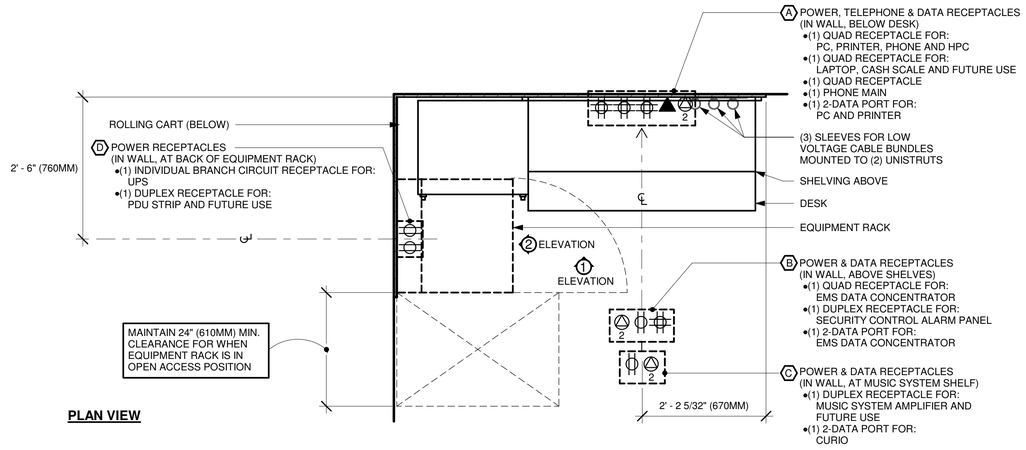
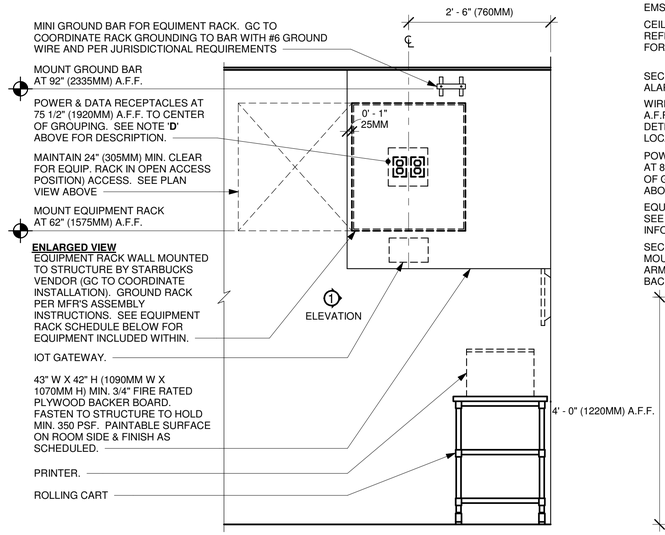
LOW VOLTAGE CABLE BUNDLES		
1 MUSIC	2 SECURITY	3 POS
PLAY NETWORK	SECURITY PANEL	HIGH SPEED INTERNET
SPEAKERS	FUTURE USE	DEMARC EXTENSION
- - - - - - - - - -	- - - - - - - - - -	POS LAN
- - - - - - - - - -	- - - - - - - - - -	DT TIMER



ENLARGED VIEW

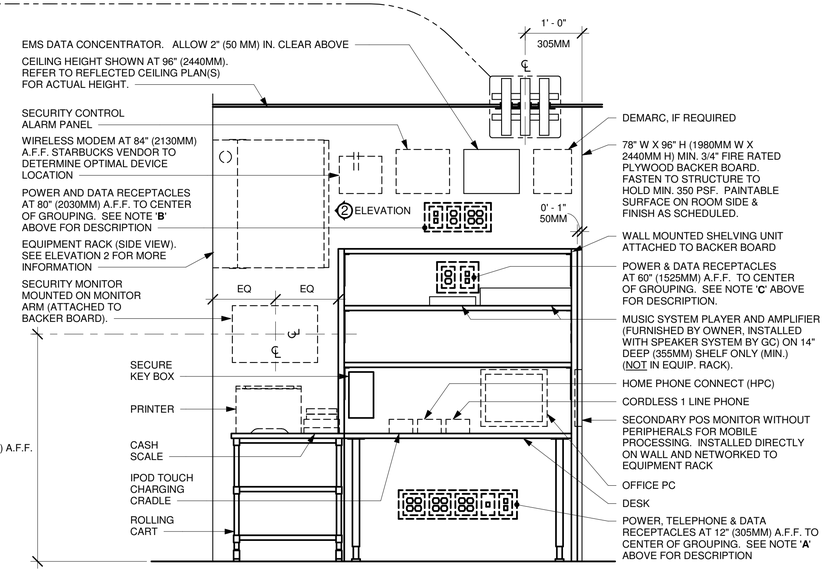


PLAN VIEW



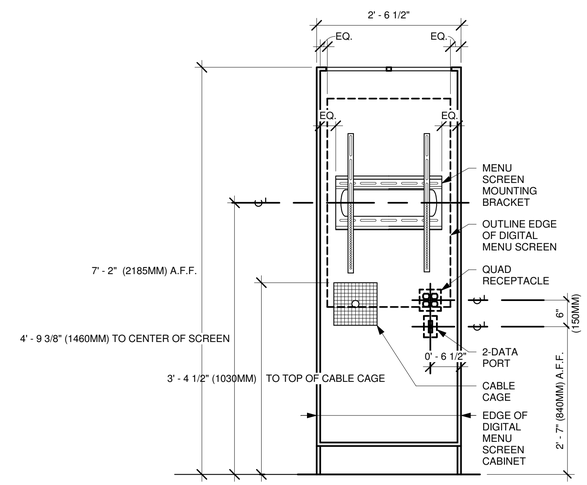
ELEVATION VIEW 2

EQUIPMENT RACK SCHEDULE		
UPS	NETWORK SWITCH	SECURITY RECORDER (NVR)
IPS EQUIPMENT	PATCH PANEL	SECURITY KEYBOARD
ROUTER	PRODUCTION CONTROLLER DEVICES	



ELEVATION VIEW 1

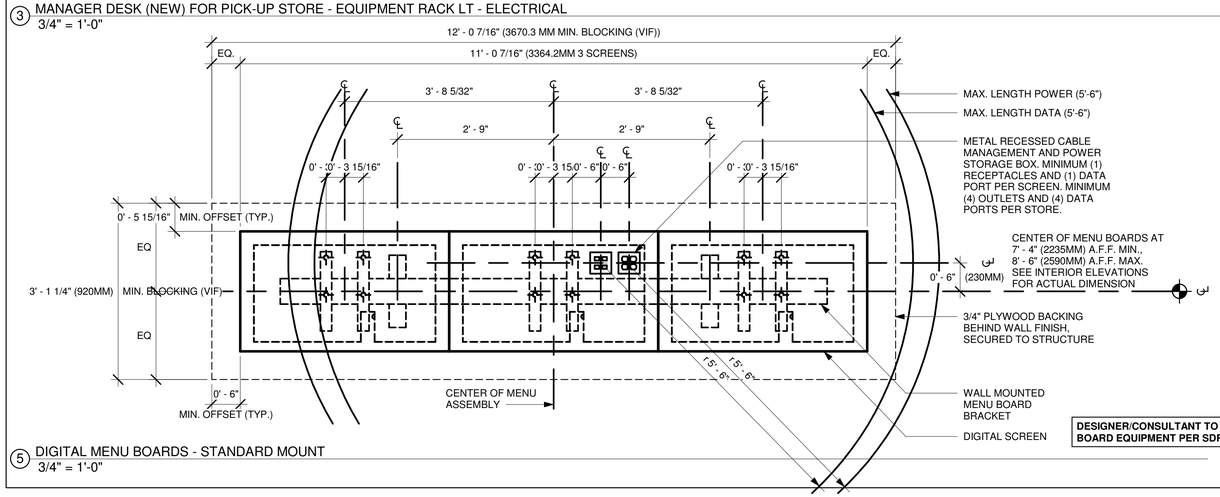
NOTE: EQUIPMENT SHOWN AS DASHED LINES IS TO BE FURNISHED AND INSTALLED BY OWNER UNLESS NOTED OTHERWISE.



THIS DETAIL APPLIES ONLY TO **PICK-UP STORES**

4 ORDER STATUS BOARD INFRASTRUCTURE - PICK UP
3/4" = 1'-0"

3 MANAGER DESK (NEW) FOR PICK-UP STORE - EQUIPMENT RACK LT - ELECTRICAL
3/4" = 1'-0"



DESIGNER/CONSULTANT TO ADAPT DETAIL BASED ON STORE SPECIFIC MENU BOARD EQUIPMENT PER SDRC GUIDELINES FOR DIGITAL MENU BOARDS.

5 DIGITAL MENU BOARDS - STANDARD MOUNT
3/4" = 1'-0"

KLH PROFESSIONAL ENGINEERS

MECHANICAL/ELECTRICAL ENGINEERS

WWW.KLHPE.COM

KLH PROFESSIONAL ENGINEERS, PSC P.C.
206 CLIFF AVENUE
PELHAM, NY 10803
859-442-8050

PELHAM, NEW YORK
FORT THOMAS, KENTUCKY

BID / PERMIT SET - INTENDED FOR CONSTRUCTION USE

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ELECTRIC EQUIPMENT SUPPLY SCHEDULE

EQUIPMENT MARK	SUPPLY FROM	CKT	EMERG.	LOAD (kVA)	AVAILABLE FAULT CURRENT	VOLTS	POLE	HTG KW	WATT	HP	FLA (A)	MCA (A)	RQD OCP (A)	BREAKER RATING (A)
AC-1	A	43,45,47		6.20	8663	208 V	3	5.6			17.2		25	25
CP1	A	38		0.09	2088	120 V	1			0.04	0.76			20
EF-2	A	16		0.18	1633	120 V	1		21		1.5	1.9	15	15

HVAC ELECTRICAL COORDINATION SCHEDULE

ABBREVIATIONS

DC	LOCAL DISCONNECT
MC	MOTOR CONTROL (POWER)
SD	DUCT SMOKE DETECTOR
CN	CONTROLS
TS	TOGGLE SWITCH
C/B	H.A.C.R. CIRCUIT BREAKER AT SOURCE PANELBOARD
FUSE	FUSE AT LOCAL DISCONNECT (VERIFY FIELD RATING)
FLA	OPERATING FULL LOAD AMPS
MCA	MINIMUM CIRCUIT AMPACITY
CP	CORD AND PLUG CONNECTION

CONTRACTOR TYPE

EC	ELECTRICAL CONTRACTOR
EX	EXISTING
FC	FIRE PROTECTION CONTRACTOR
GC	GENERAL CONTRACTOR
HC	HVAC CONTRACTOR
MFR	MANUFACTURER
PC	PLUMBING CONTRACTOR
OR	OWNER OR OTHERS

MOTOR CONTROL TYPE

CS	COMBINATION STARTER
MCC	MOTOR CONTROL STARTER
MG	MAGNETIC STARTER OR CONTACT
MS	MANUAL STARTER
VFD	VARIABLE FREQUENCY DRIVE
MSR	MANUAL STARTER W/ CONTROL RELAY
OV	OVERCURRENT PROTECTION

CONTROL TYPE

TC	TIMECLOCK
CPT	CONTROL POWER TRANSFORMER
BAS	BUILDING AUTOMATION SYSTEM
LOW	LOW VOLTAGE CONTROLS
LINE	LINE VOLTAGE CONTROLS
RLINE	REVERSE ACTING LINE VOLTAGE THERMOSTAT
MAN	MANUAL
FA	FIRE ALARM
CO	CARBON MONOXIDE SENSOR
INT	INTEGRAL TO EQUIPMENT
ASD	AREA SMOKE DETECTOR
DSD	DUCT SMOKE DETECTOR

EQUIPMENT MARK	DESCRIPTION	VOLTAGE	PHASE	EMERGENCY	HP	WATTS	HTG KW	FLA	MCA	OCP	FED FROM	DC FURN	DC INST	DC WIRE	MC TYPE	MC FURN	MC INST	MC WIRE	CN TYPE	CN FURN	CN INST	CN WIRE	FA SHUTDOWN	AVAILABLE FAULT CURRENT
EF-2	HVAC FAN	120 V	1			21		1.5	1.9	15		EC	EC	EC	MG	MFR	MFR	MFR	LINE	EC	EC	EC	NA	1633
AC-1	AIR CURTAIN W/ELECTRIC HEAT	208 V	3				5.6	17.2		25		EC	EC	EC	MG	MFR	MFR	MFR	INT	MFR	MFR	MFR	NA	8663

PLUMBING ELECTRICAL COORDINATION SCHEDULE

ABBREVIATIONS

DC	LOCAL DISCONNECT
MC	MOTOR CONTROL (POWER)
SD	DUCT SMOKE DETECTOR
CN	CONTROLS
TS	TOGGLE SWITCH
C/B	H.A.C.R. CIRCUIT BREAKER AT SOURCE PANELBOARD
FUSE	FUSE AT LOCAL DISCONNECT (VERIFY FIELD RATING)
FLA	OPERATING FULL LOAD AMPS
MCA	MINIMUM CIRCUIT AMPACITY
CP	CORD AND PLUG CONNECTION
[BLANK]	HARD WIRED (WHEN INDICATED FOR DC TYPE)

CONTRACTOR TYPE

EC	ELECTRICAL CONTRACTOR
EX	EXISTING
FC	FIRE PROTECTION CONTRACTOR
GC	GENERAL CONTRACTOR
HC	HVAC CONTRACTOR
MFR	MANUFACTURER
PC	PLUMBING CONTRACTOR
OR	OWNER OR OTHERS

MOTOR CONTROL TYPE

CS	COMBINATION STARTER
MCC	MOTOR CONTROL STARTER
MG	MAGNETIC STARTER OR CONTACT
MS	MANUAL STARTER
VFD	VARIABLE FREQUENCY DRIVE
MSR	MANUAL STARTER W/ CONTROL RELAY
OV	OVERCURRENT PROTECTION

CONTROL TYPE

TC	TIMECLOCK
CPT	CONTROL POWER TRANSFORMER
BAS	BUILDING AUTOMATION SYSTEM
LOW	LOW VOLTAGE CONTROLS
LINE	LINE VOLTAGE CONTROLS
RLINE	REVERSE ACTING LINE VOLTAGE THERMOSTAT
MAN	MANUAL
FA	FIRE ALARM
CO	CARBON MONOXIDE SENSOR
INT	INTEGRAL TO EQUIPMENT
ASD	AREA SMOKE DETECTOR
DSD	DUCT SMOKE DETECTOR

SHORT CIRCUIT RATING

WHERE SHORT CIRCUIT RATING CODE REQUIRED VALUE INDICATES "YES" APPLICABLE EQUIPMENT'S SHORT CIRCUIT RATING SHALL EXCEED THE AVAILABLE FAULT CURRENT VALUE INDICATED.

EQUIPMENT MARK	DESCRIPTION	VOLTAGE	PHASE	EMERGENCY	HP	WATTS	HTG KW	FLA	MCA	OCP	FED FROM	DC FURN	DC INST	DC WIRE	MC TYPE	MC FURN	MC INST	MC WIRE	CN TYPE	CN FURN	CN INST	CN WIRE	FA SHUTDOWN	SHORT CIRCUIT RATING CODE REQUIRED?	AVAILABLE FAULT CURRENT
CP1	DOMESTIC HOT WATER CIRCULATION PUMP	120 V	1		0.04			0.76				EC	EC	EC	MG	MFR	MFR	MFR	LINE	PC	PC	EC		No	2088

LOAD SUMMARY A

MAINS RATING (A): 400

DISTRIBUTION SYSTEM: 208/120V 3PH 4W

CKT	CIRCUIT DESCRIPTION	VD%	AWG	GND	TRIP	FRAME	POLE	A		B		C		POLE	FRAME	TRIP	GND	AWG	VD%	CIRCUIT DESCRIPTION	CKT
1	-	--	--	--	--	--	1	--	--					1	--	--	--	--	--	-	2
3	-	--	--	--	--	--	1			--	--			1	--	--	--	--	--	-	4
5	-	--	--	--	--	--	1					--	--	1	--	--	--	--	--	-	6
						TOTAL CONNECTED LOAD:		15.3 kVA		11.8 kVA		15.1 kVA									

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND
Continuous	0 VA	0.00%	0 VA
Cooling	0 VA	0.00%	0 VA
Elevator	0 VA	0.00%	0 VA
Heating	0 VA	0.00%	0 VA
Kitchen Equipment	31492 VA	65.00%	20470 VA
Lighting	1118 VA	125.00%	1398 VA
Motor	6467 VA	123.95%	8016 VA
Non-Continuous	1344 VA	100.00%	1344 VA
Receptacle	1620 VA	100.00%	1620 VA

PANEL TOTALS	
METERED PEAK DEMAND (PER NEC 220.87):	31200.0 VA
ADDED CONNECTED LOAD:	42136 VA
DEMAND CALCULATION NOTES:	ESTIMATED DEMAND 32.94 kVA, WITH 125% EXISTING METERED DEMAND
TOTAL DEMAND:	71942.3 VA
TOTAL DEMAND AMPS:	200 A

NOTES:

BREAKER QUANTITIES (NEW ONLY)

ELECTRIC CIRCUIT SCHEDULE

LOAD NAME	LOAD CLASSIFICATION	UNDERGROUND	VOLTS	POLE	LOAD (kW)	CURRENT (A)	RATING	Wire Size	Circuit Length	GND Size	Voltage Drop
LTG ENGINE 101	Lighting		120 V	1	0.38 kW	3 A	20 A	#12	65.8	#12	0.719
(G) LABELER - LABELER - UC FRIDGE - UC FRIDGE - 10075 12618 | KITCHEN EQUIPMENT, NON-CONT. ENGINE 101	Kitchen Equipment; Non-Continuous		120 V	1	0.52 kW	4 A	20 A	#12	46.2	#12	0.684
(G) LABELER - LABELER - UC FRIDGE - UC FRIDGE - 10075 10267 | KITCHEN EQUIPMENT, NON-CONT. ENGINE 101	Kitchen Equipment; Non-Continuous		120 V	1	0.52 kW	4 A	20 A	#12	62.4	#12	0.924
(G) LABELER - LABELER - 10075 | NON-CONT. ENGINE 101	Non-Continuous		120 V	1	0.08 kW	1 A	20 A	#12	53.9	#12	0.126
(G) INSTAHOT - INSTAHOT - WATER FILLING - WATER FILLING - | KITCHEN EQUIPMENT BOH 102	Kitchen Equipment		120 V	1	0.66 kW	6 A	20 A	#12	24.6	#12	0.462
(G) ICE MACHINE - ICE MACHINE - 23182 | KITCHEN EQUIPMENT BOH 102	Kitchen Equipment		208 V	2	6.00 kW	29 A	45 A	#6	37.3	#10	0.535
EF-2 | MOTOR ENGINE 101	Motor		120 V	1	0.18 kW	2 A	15 A	#12	39.9	#12	0.204
(G) ORDER BOARD - ORDER BOARD - 23021 | NON-CONT. PICKUP 100	Non-Continuous		120 V	1	0.18 kW	2 A	20 A	#12	69.3	#12	0.355
(G) OVEN - OVEN - 20032 | KITCHEN EQUIPMENT ENGINE 101	Kitchen Equipment		208 V	2	6.24 kW	30 A	30 A	#8	40.7	#10	0.954
LTG PICKUP 100	Other; Lighting		120 V	1	0.50 kW	4 A	20 A	#12	48.9	#12	0.699
21215 | RCPT PICKUP 100	Receptacle		208 V	2	0.72 kW	3 A	20 A	#12	43.9	#12	0.299
(G) OVEN - OVEN - 20032 | KITCHEN EQUIPMENT ENGINE 101	Kitchen Equipment		208 V	2	6.24 kW	30 A	30 A	#8	42.2	#10	0.988
LTG ENGINE 101	Lighting		120 V	1	0.28 kW	2 A	20 A	#12	42.3	#12	0.34
(G) GRINDER - GRINDER - 10808 | KITCHEN EQUIPMENT ENGINE 101	Kitchen Equipment		120 V	1	0.96 kW	8 A	20 A	#12	53.4	#12	1.457
LTG ENGINE 101	Lighting		120 V	1	0.04 kW	0 A	20 A	#12	67.9	#12	0.085
(G) BREWER - BREWER - 22885 | KITCHEN EQUIPMENT ENGINE 101	Kitchen Equipment		208 V	2	8.32 kW	40 A	40 A	#6	51.8	#10	1.032
(G) FREEZER REACH IN - FREEZER REACH IN - 13682 | KITCHEN EQUIPMENT BOH 102	Kitchen Equipment		120 V	1	1.15 kW	10 A	20 A	#12	33.8	#12	1.108
C1 | NON-CONT. BOH 102	Non-Continuous		120 V	1	0.10 kW	1 A	20 A	#12	3	#12	0.009
(G) UC FRIDGE - UC FRIDGE - 10267 | KITCHEN EQUIPMENT ENGINE 101	Kitchen Equipment		120 V	1	0.48 kW	4 A	20 A	#12	52.3	#12	0.713
RCPT ENGINE 101	Receptacle		120 V	1	0.72 kW	6 A	20 A	#12	45.8	#12	0.938
(G) UC FRIDGE - UC FRIDGE - 10267 | KITCHEN EQUIPMENT ENGINE 101	Kitchen Equipment		120 V	1	0.48 kW	4 A	20 A	#12	58.1	#12	0.793
RCPT PICKUP 100	Receptacle		120 V	1	0.18 kW	2 A	20 A	#12	63	#12	0.322
(G) SAFE - SAFE - 10024 | NON-CONT. ENGINE 101	Non-Continuous		120 V	1	0.30 kW	3 A	20 A	#12	46.8	#12	0.399
CP1 | MOTOR BOH 102	Motor		120 V	1	0.09 kW	1 A	20 A	#12	30.3	#12	0.078
(G) POS - POS - 10008 | NON-CONT. ENGINE 101	Non-Continuous		120 V	1	0.30 kW	3 A	20 A	#12	46.1	#12	0.393
(G) POS - POS - 10008 | NON-CONT. ENGINE 101	Non-Continuous		120 V	1	0.30 kW	3 A	20 A	#12	49.3	#12	0.42
AC-1 | MOTOR BOH 102	Motor		208 V	3	6.20 kW	17 A	25 A	#10	7.1	#10	0.126

PANEL SCHEDULE LEGEND

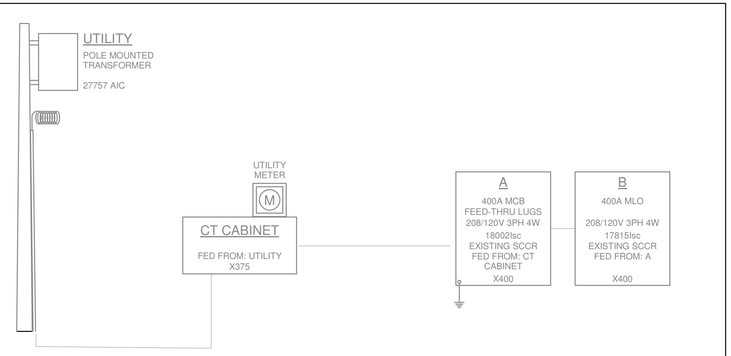
*	=	WIRE SIZED TO COMPENSATE FOR VOLTAGE DROP
**	=	REFER TO DRAWINGS FOR SPECIFICATIONS
(#)	=	NEW CIRCUIT TO EXISTING CIRCUIT BREAKER
(->)	=	CONNECT BRANCH CIRCUIT, WHICH WAS DISCONNECTED FROM ANOTHER SOURCE AS PART OF SELECTIVE DEMOLITION, TO POLE SPACE(S) INDICATED, DETERMINE EXACT POLE ASSIGNMENT(S) BASED ON EXISTING COLOR-CODING OF THE BRANCH CIRCUIT CONDUCTOR INSULATION. PROVIDE NEW BREAKER IF REQUIRED.
(A)	=	PROVIDE ARC FAULT CIRCUIT INTERRUPTER (AFCI) CIRCUIT BREAKER
(AG)	=	PROVIDE COMBINATION ARC FAULT (AFCI) / GROUND FAULT (GFCI) CIRCUIT INTERRUPTER CIRCUIT BREAKER
(AT)	=	EXISTING FUSIBLE SWITCH/CIRCUIT BREAKER WITH NEW FUSES/TRIP RATING
(ERM)	=	PROVIDE ENERGY REDUCTION MAINTENANCE (REDUCED ENERGY) CIRCUIT BREAKER
(EX)	=	EXISTING CIRCUIT TO REMAIN
(F)	=	CIRCUIT FOR FURTURE USE. PROVIDE BREAKER INDICATED. LOAD SHOWN FOR REFERENCE ONLY.
(G)	=	PROVIDE GROUND-FAULT CIRCUIT INTERRUPTER (GFCI) CIRCUIT BREAKER
(GE)	=	PROVIDE GROUND-FAULT EQUIPMENT PROTECTION (GFEP) CIRCUIT BREAKER
(GS)	=	PROVIDE SPECIAL PURPOSE GROUND-FAULT CIRCUIT INTERRUPTER (SPGFCI) CIRCUIT BREAKER
(H)	=	PROVIDE HANDLE TIE
(L)	=	PROVIDE LOCK-ON DEVICE
(LI)	=	PROVIDE ELECTRONIC LONG AND INSTANTANEOUS ADJUSTABILITY
(LSI)	=	PROVIDE ELECTRONIC LONG, SHORT, AND INSTANTANEOUS ADJUSTABILITY
(LSIA)	=	PROVIDE ELECTRONIC LONG, SHORT, INSTANTANEOUS, AND GROUND-FAULT ALARM ADJUSTABILITY
(LSIG)	=	PROVIDE ELECTRONIC LONG, SHORT, INSTANTANEOUS, AND GROUND-FAULT ADJUSTABILITY
(LT)	=	PROVIDE LOCK-OUT/TAG-OUT DEVICE
SL	=	SEE THE SINGLE LINE DIAGRAM / SCHEDULE FOR WIRE SIZE AND VOLTAGE DROP
(ST)	=	PROVIDE SHUNT TRIP CIRCUIT BREAKER

PANEL SCHEDULE GENERAL NOTES

A. PROVIDE HACR RATED BREAKERS ON ALL MOTOR LOADS.
B. ALL CONDUCTORS SHOWN ARE COPPER.
C. ALL VOLTAGE DROP CALCULATIONS AND WIRE SIZES SHOWN IN THE PANEL SCHEDULES ARE FOR HOMERUN CONDUCTORS ONLY. FOR CIRCUITS WITH MORE THAN 1 DEVICE, THESE SIZES ASSUME THE CONDUCTORS DOWNSTREAM OF THE HOMERUN DEVICE ARE THE MINIMUM SIZE REQUIRED BY THE NEC BASED ON THE RATING OF THE CIRCUIT. WHERE THIS IS NOT THE CASE, IT HAS BEEN INDICATED ON THE DRAWINGS. VOLTAGE DROP TO THE FARTHEST DEVICE HAS BEEN CALCULATED TO NEVER EXCEED 5%.
D. VOLTAGE DROP CALCULATIONS AND WIRE SIZES SHOWN IN THE PANEL SCHEDULES ARE FOR HOMERUN CONDUCTORS ONLY. FOR CIRCUITS WITH MORE THAN 1 DEVICE, THESE SIZES ASSUME THE CONDUCTORS DOWNSTREAM OF THE HOMERUN DEVICE ARE THE MINIMUM SIZE REQUIRED BY THE NEC BASED ON THE RATING OF THE CIRCUIT. WHERE THIS IS NOT THE CASE, IT HAS BEEN INDICATED ON THE DRAWINGS. VOLTAGE DROP TO THE FARTHEST DEVICE HAS BEEN CALCULATED TO NEVER EXCEED 5%.
E. RECEPTACLE LOADS CALCULATED AT 100% OF FIRST 10kVA, 50% OF REMAINDER. MOTOR LOADS CALCULATED AT 125% OF THE LARGEST MOTOR, 100% OF ALL OTHER MOTORS.

GENERAL ELECTRICAL POWER DISTRIBUTION NOTES

A. PARALLEL CONDUCTOR SETS: CUT PARALLEL SERVICE/FEEDER CONDUCTORS TO EXACTLY THE SAME LENGTHS AND USE CONDUCTORS FROM THE SAME FACTORY RUN. TORQUE ALL CONNECTIONS FOR PARALLEL SERVICE/FEEDER CONDUCTORS TO IDENTICAL VALUES.
B. OVERCURRENT PROTECTION RATINGS: UNLESS INDICATED OTHERWISE, PROVIDE FULLY-RATED OR SERIES-RATED OVERCURRENT PROTECTION (OCP) AS REQUIRED TO COMPLY WITH ALL APPLICABLE REQUIREMENTS OF NFPA 70. PROVIDE EQUIPMENT AND OCP RATED TO MEET OR EXCEED THE AVAILABLE SERIES-RATED FAULT CURRENT AT THE RESPECTIVE NODE IN THE POWER DISTRIBUTION SYSTEM. SERIES-RATED BREAKERS/SYSTEMS ARE NOT PERMITTED WHERE PROHIBITED BY PREVAILING CODES AND STANDARDS, INCLUDING APPLICATIONS INVOLVING MOTOR CONTRIBUTION AS ADDRESSED IN ARTICLE 240.86(C) OF NFPA 70. FURNISH ELECTRONIC COPIES OF THE ELECTRICAL DOCUMENTS TO THE MANUFACTURER'S REPRESENTATIVE AND/OR EQUIPMENT SUPPLIER SO THAT PROPERLY RATED AND BRACED EQUIPMENT IS PROVIDED UNDER BASE BID.
C. GROUNDING ELECTRODE CONDUCTOR SYSTEM: PROVIDE GROUNDING ELECTRODE CONDUCTOR SYSTEM IN STRICT COMPLIANCE WITH THE LATEST ADOPTED EDITION OF THE NATIONAL ELECTRICAL CODE (NFPA 70), INCLUDING ARTICLE 250 AND TABLE 250.66. THESE CONDUCTORS MAY OR MAY NOT BE INDICATED ON SINGLE-LINE DIAGRAMS, BUT SHALL BE PROVIDED UNDER BASE BID NEVERTHELESS.
D. FLUSH MOUNTED EQUIPMENT: PROVIDE FLUSH MOUNTED POWER DISTRIBUTION AND RELATED EQUIPMENT FOR APPLICATIONS IN FINISHED AREAS AND COORDINATE THESE LOCATIONS AND INSTALLATIONS WITH ARCHITECT, OWNER AND AFFECTED TRADES. ELSEWHERE PROVIDE SURFACE MOUNTED EQUIPMENT UNLESS FLUSH MOUNTED EQUIPMENT IS SHOWN ON DRAWINGS OR UNLESS NEEDED TO ACCOMMODATE UNUSUAL CONDITIONS.
E. POWER DISTRIBUTION EQUIPMENT LABELS: IN ADDITION TO LABELS REQUIRED WITHIN THE SPECIFICATIONS, INCLUDE CORRESPONDING MAXIMUM AIC (AVAILABLE INRUSH CURRENT) AND SHORT-CIRCUIT CURRENT RATING (SCCR) FOR EACH PIECE OF POWER DISTRIBUTION EQUIPMENT, ALONG WITH ARC FLASH LABELS COMPLIANT WITH ARTICLE 110.16 OF NFPA 70. ALSO INCLUDE CONDUCTOR COLOR CODING FOR THE BUILDING AND PHASE ROTATION AS APPLICABLE.
F. EQUIPMENT LUGS: PROVIDE LUGS, LUG KITS AND RELATED ACCESSORY WORK AS REQUIRED TO ACCOMMODATE THE CONDUCTOR SIZES AND QUANTITIES NEEDED FOR EACH APPLICATION. COORDINATE WITH SINGLE-LINE DIAGRAM, FIELD CONDITIONS, ETC.
G. ALUMINUM CONDUCTORS: PROVIDE THE FOLLOWING SUPPLEMENTAL WORK FOR ALUMINUM-CONDUCTOR ELECTRICAL EQUIPMENT CONNECTIONS, REGARDLESS OF WHO FURNISHES THE EQUIPMENT: REVIEW EQUIPMENT SUBMITTALS, INSTALLATION DOCUMENTS AND NAMEPLATES TO DETERMINE IF THERE ARE ANY WARRANTY OR UL LIMITATIONS REGARDING COPPER VERSUS ALUMINUM WIRING CONNECTIONS AT EQUIPMENT; IF THERE ARE ANY LIMITATIONS, PROVIDE LOCAL DISCONNECT AT OR NEAR EQUIPMENT (EXTERNAL TO THE EQUIPMENT) AND TERMINATE ALUMINUM CONDUCTORS TO THE LINE-SIDE LUGS/TERMINALS OF THE DISCONNECT SWITCH; PROVIDE COPPER CONDUCTORS FROM LOAD-SIDE LUGS/TERMINALS OF THE DISCONNECT SWITCH TO THE RESPECTIVE EQUIPMENT FACTORY DISCONNECT OR LUG/TERMINALS AS APPLICABLE; COORDINATE ALL RELATED WORK WITH ALL AFFECTED INSTALLERS.
H. BREAKER FRAME SIZES: AMPERE RATINGS INDICATED ON DRAWINGS FOR CIRCUIT BREAKERS ARE SHOWN TO DEFINE OVERCURRENT REQUIREMENTS/TRIP RATINGS. PROVIDE BREAKER FRAMES IN SIZES AND TYPES GREATER THAN THE DESIGNATED OVERCURRENT TRIP RATINGS WHERE NECESSARY TO ACHIEVE THE REQUIRED SELECTIVE COORDINATION, AND/OR AS NECESSARY FOR OTHER APPLICABLE REASONS.
I. PLYWOOD EQUIPMENT BOARDS: SEE SPECIFICATION SECTION 260529.00 FOR REQUIREMENTS ASSOCIATED WITH PLYWOOD EQUIPMENT BOARDS.



SINGLE LINE DIAGRAM

SCALE: NONE

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MECHANICAL/ELECTRICAL ENGINEERS

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PROJECT NAME: BRIARCLIFF MANOR, NY

PROJECT ADDRESS: 107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #: 09369
PROJECT #: 26336-078

ISSUE DATE: 12-22-2023

DESIGN MANAGER: ANNIE SONG
ENGINEER OF RECORD: KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE: ELECTRICAL SINGLE LINE
SCALE: AS SHOWN

SHEET NUMBER: E601

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MECHANICAL LEGEND

SYMBOL	DESCRIPTION
PLAN-VIEW LINE TYPES	
	WORK SHOWN FADED INDICATES EXISTING WORK TO REMAIN OR NEW WORK BY OTHERS AS APPLICABLE
	WORK SHOWN BOLD-DASHED INDICATES SELECTIVE DEMOLITION WORK
	WORK SHOWN BOLD-CONTINUOUS INDICATES NEW WORK
DRAWING SET APPEARANCE	
TO BETTER COMMUNICATE SCOPE TO PERMIT AGENCIES AND CONTRACTORS, EACH DRAWING IN THIS DRAWING SET HAS BEEN CREATED IN BOTH "COLOR" AND "BLACK AND WHITE". THERE EXISTS A COLOR LAYER WITHIN EACH DRAWING WHERE VISIBILITY IS CONTROLLED THROUGH THE PDF LAYER MANAGER. THIS LAYER VISIBILITY CAN BE TOGGLED DISPLAYING EITHER "COLOR" OR "BLACK AND WHITE". TO MAINTAIN SCOPE BASED SHADING WHEN PRINTING TO PAPER, BLACK AND WHITE NEEDS TO BE VISIBLE. FOR FURTHER INSTRUCTIONS, REFER TO CONTRACTOR RESOURCES ON OUR WEBSITE AND DOWNLOAD "DRAWING COLOR INSTRUCTIONS". WWW.KLHENGRS.COM - CONTRACTOR RESOURCES (RIGHT HAND SIDE OF PAGE).	
MECHANICAL AIR DEVICES	
RR	RETURN REGISTER
ER	EXHAUST REGISTER
RG	RETURN GRILLE
CD	CEILING DIFFUSER
CD-10"Ø	2'x2' SQUARE CEILING DIFFUSER WITH 10" NECK
MECHANICAL DUCTWORK	
UP	SUPPLY DUCT WITH ELBOW TURNED UP
DN	SUPPLY DUCT WITH ELBOW TURNED DOWN
UP	RETURN DUCT WITH ELBOW TURNED UP
DN	RETURN DUCT WITH ELBOW TURNED DOWN
UP	EXHAUST DUCT WITH ELBOW TURNED UP
DN	EXHAUST DUCT WITH ELBOW TURNED DOWN
24X12 SA	SUPPLY DUCT
24X12 RA	RETURN DUCT
24X12 EA	EXHAUST DUCT
	FLEXIBLE DUCTWORK CONNECTION
	BRANCH TAKEOFF
	REDUCER, CONCENTRIC
	REDUCER, NONCONCENTRIC
MECHANICAL DUCTWORK ACCESSORIES	
	DUCT WITH MANUAL VOLUME DAMPER
	ROUND ELBOW WITH TURNING VANES
	ELBOW WITH TURNING VANES
M	MOTOR OPERATED DAMPER - LOW VOLTAGE
MECHANICAL STATS & SENSORS	
TS	TEMPERATURE SENSOR
T	LOW VOLTAGE THERMOSTAT
CO2	CARBON DIOXIDE SENSOR

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AHJ	AUTHORITIES HAVING JURISDICTION
APPROX	APPROXIMATE
BLDG	BUILDING
CO2	CARBON DIOXIDE
CD	CEILING DIFFUSER
CLG	CEILING
CONST	CONSTRUCTION
CXA	COMMISSIONING AGENT
DEG	DEGREES
DM	STARBUCKS DESIGN MANAGER
DN	DOWN
DTL	DETAIL
DWG(S)	DRAWING(S)
EA	EACH
EC	ELECTRICAL CONTRACTOR
ECP	EQUIPMENT CONTROL PAC
EG	EXHAUST GRILLE
ELEC	ELECTRICAL
EM	EMERGENCY
EMS	ENERGY MANAGEMENT SYSTEM
EXIST	EXISTING
EXT	EXTERIOR
F&I	FURNISH & INSTALL
FLR	FLOOR
FT	FOOT/FEET
G	GAS PIPING
GC	GENERAL CONTRACTOR
HR	HOUR
HVAC	HEATING, VENTILATION, AIR CONDITIONING
I.D.	INSIDE DIAMETER
IAQ	INDOOR AIR QUALITY
LCP	LIGHTING CONTROL PANEL
LL	LANDLORD
LV	LOW VOLTAGE
MAX	MAXIMUM
MC	MECHANICAL CONTRACTOR
MECH	MECHANICAL
MEP	MECHANICAL, ELECTRICAL AND PLUMBING
MFG	MANUFACTURER
MIN	MINIMUM
NTS	NOT TO SCALE
O.D.	OUTSIDE DIMENSION
OSA	OUTSIDE AIR
REF	REFERENCE
REQ'D	REQUIRED
REV	REVISION
RT	ROOFTOP
SF	SQUARE FEET
SHT	SHEET
SPECS	SPECIFICATION(S)
SST	STAINLESS STEEL
TEMP	TEMPORARY
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
WH	WATER HEATER
WSHP	WATER SOURCE HEAT PUMP

IAQ MANAGEMENT PLAN

DURING CONSTRUCTION, CONTRACTOR SHALL COMPLY WITH CHAPTER 3 OF SMACNA'S IAQ GUIDELINES FOR OCCUPIED BUILDINGS UNDER CONSTRUCTION. CONTRACTOR SHALL PERFORM AND SUBMIT ALL INFORMATION AS REQUIRED. IF HVAC SYSTEM IS TO BE USED DURING CONSTRUCTION, INSTALL MERV 8 FILTERS AT EACH RETURN AIR GRILL AND COMPLY WITH SMACNA'S GUIDELINES REFERENCED BELOW.

DUCTWORK AND ACCESSORIES

SHEET METAL DUCTWORK
SEE SPECIFICATIONS FOR SHEET METAL DUCT REQUIREMENTS. ALL EXPOSED DUCTWORK TO BE SPIRAL ROUND, OR RECTANGULAR LOCK-SEAM TYPE, AS SHOWN ON HVAC PLAN SHEET. ASSEMBLE AND INSTALL DUCTWORK IN ACCORDANCE WITH RECOGNIZED INDUSTRY PRACTICE FOR ACHIEVING AIR TIGHT (5% LEAKAGE) AND NOISELESS (NO OBJECTIONABLE NOISE) SYSTEMS, CAPABLE OF PERFORMING EACH INDICATED SERVICE. FURNISH AND INSTALL ALL REQUIRED DAMPERS, TRANSITIONS, CONNECTIONS TO AIR TERMINALS, AND OTHER ACCESSORIES NECESSARY FOR COMPLETE OPERATING SYSTEM. NO VARIATION OF DUCT CONFIGURATION OR SIZES WILL BE PERMITTED EXCEPT BY PERMISSION FROM THE ENGINEER.

DUCT SEALANT
SEAL ALL LONGITUDINAL AND TRANSVERSE JOINTS PER SPECIFICATIONS. COVER ALL FIELD JOINTS, JOINTS AROUND SPIN-IN FITTINGS, AND FASTENING SCREWS WITH MASTIC.

SUPPORTS
PROVIDE FASTENERS, ANCHORS, RODS, STRAPS, TRIM, AND ANGLES FOR SUPPORT OF DUCTWORK. SUPPORTS MUST COMPLY WITH LOCAL REGULATIONS AND CODE.

DAMPERS
PROVIDE VOLUME CONTROL DAMPERS WHERE INDICATED ON DRAWINGS AND AT POINTS ON LOW PRESSURE SUPPLY, RETURN, AND EXHAUST DUCTS WHERE BRANCHES ARE TAKEN FROM LARGER DUCTS. PROVIDE UL LISTED FIRE OR FIRE/SMOKE DAMPERS WHERE REQUIRED AND IN ACCORDANCE WITH NFPA AND LOCAL CODES. PROVIDE CONVENIENTLY LOCATED ACCESS DOORS OF AMPLE SIZE AND QUANTITY FOR SERVICING THE DAMPERS. PROVIDE MOTORIZED DAMPERS AT ALL INTAKE & EXHAUST BUILDING OPENINGS. COORDINATE WITH OTHER TRADES FOR ACCESS PANELS, POWER AND FIRE ALARM INTERFACES. SEE PROJECT MANUAL.

GRILLES, REGISTERS, AND DIFFUSERS
GRILLES, REGISTERS, AND DIFFUSERS SHALL BE AS SPECIFIED AND SHALL BE MECHANICAL CONTRACTOR SUPPLIED, UNLESS OTHERWISE NOTED. DIFFUSERS SHALL BE INSTALLED AS INDICATED ON THE DRAWINGS AND SCHEDULES. THE MECHANICAL CONTRACTOR SHALL PROVIDE ALL MISCELLANEOUS ITEMS NECESSARY FOR A COMPLETE AND PROPER INSTALLATION IN THE TYPE OF CEILING AND WALLS USED IN THIS PROJECT.

THERMAL INSULATION
PROVIDE EXTERNAL THERMAL INSULATION WITH AN INTEGRAL VAPOR BARRIER FACING OF SUFFICIENT THICKNESS TO MEET LOCAL ENERGY CODE REQUIREMENTS OR ASHRAE 90.1-2004, WHICHEVER IS MORE STRINGENT. PROVIDE INSULATION ON EXHAUST AND OUTSIDE AIR DUCTS, AND ON CONCEALED PORTIONS OF SUPPLY AND RETURN AIR DUCTS. DO NOT EXTERNALLY INSULATE EXPOSED DUCTWORK AND PORTIONS OF DUCTWORK THAT ARE INTERNALLY LINED WITH CODE REQUIRED THICKNESS. INTERNALLY INSULATE EXPOSED SUPPLY DUCTWORK IF POSSIBILITY OF CONDENSATION. INTERNALLY INSULATE EXTERIOR DUCTWORK PER CODE.

ACOUSTICAL DUCT LINER
UNLESS OTHERWISE INDICATED ON THE PLANS, PROVIDE 1" (25MM) ACOUSTICAL DUCT LINER IN SUPPLY AND RETURN DUCTWORK WITHIN 10'-0" (305CM) OF THE DISCHARGE AND INTAKE OF AIR HANDLING UNITS. INCREASE DUCT SIZE INDICATED ON PLANS AS NEEDED TO ACCOMMODATE LINER. LINER TO BE PROVIDED AND FASTENED TO DUCT WITH MECHANICAL LINER FASTENERS IN ACCORDANCE WITH SMACNA AND PROJECT MANUAL.

FLEXIBLE DUCTWORK
FLEXIBLE DUCT WORK SHALL ONLY BE INSTALLED AS SHOWN IN PLAN AND NOT ABOVE HARD LID CEILINGS. FLEXIBLE DUCTWORK SHALL NOT EXCEED 5'-0" (152CM) IN LENGTH AND TWO 45° ELBOWS. IT SHALL BE PULLED TAUT AND APPROPRIATELY FASTENED TO RIGID BRANCH DUCT & DIFFUSER. BENDS SHALL BE MINIMIZED AND WHERE NEEDED BE A FULL RADIUS BEND. SUPPORT BANDS SHALL BE INSTALLED SO AS TO NOT CRIMP FLEX DUCT. FLEXIBLE DUCTWORK SHALL MEET REQUIREMENTS.

HVAC EQUIPMENT AND MATERIALS

FILTERS
IF OPERATING HVAC DURING CONSTRUCTION, PROVIDE THREE (3) SETS OF 2" (51MM) MERV6 PLEATED DISPOSABLE FILTERS (OR HIGHER RATING IF REQUIRED BY LEED). USE ONE SET UNTIL COMPLETION OF CONSTRUCTION. INSTALL ONE SET AT COMPLETION OF CONSTRUCTION (PRIOR TO TAB) AND DELIVER ONE SET OF MERV13 FILTERS TO STARBUCKS LABELED TO DENOTE THEIR RESPECTIVE AIR HANDLING UNIT.

EXHAUST FANS
EXHAUST FANS SHALL BE AS SPECIFIED AND PROVIDED PER THE LEASE AGREEMENT. THE MECHANICAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING DISCHARGE LOCATION WITH NEW AND EXISTING VENTS AND INTAKES, PROVIDING COMPLETE INSTALLATION INCLUDING CURBS, BACKDRAFT DAMPER, DUCTWORK FROM RESTROOM GRILLE TO UNIT, NECESSARY ACCESSORIES AND PROVIDING WARRANTY.

BRACING AND ANCHORING
ALL MECHANICAL EQUIPMENT, FIXED OR FLEXIBLY MOUNTED, SHALL BE BRACED OR ANCHORED TO COMPLY WITH LOCAL CODES.

TESTING, ADJUSTING, BALANCING

INDEPENDENT AIR BALANCE CONTRACTOR OR QUALIFIED MECHANICAL CONTRACTOR SHALL BE QUALIFIED TO TAB WORK BY NEBB OR AABC STANDARDS. BALANCER SHALL ACCURATELY BALANCE THE SUPPLY, RETURN AND OUTSIDE AIR, EXHAUST FAN(S), HYDRONIC (WHERE APPLICABLE) AND EXHAUST FAN(S) SYSTEMS TO PROVIDE AIR AND WATER QUANTITIES WITHIN 10% PLUS MINUS OF THE VALUES INDICATED ON THE DRAWINGS AND IN THE SPECIFICATIONS. OPERATE AUTOMATIC CONTROLS SYSTEMS AND VERIFY SETPOINTS FOR THERMOSTATS, C02 SENSORS, DCV, EMS AND ECONOMIZER/OUTSIDE AIR DAMPER. SEE CONTROLS AND OPERATION NOTES AND HVAC SCHEDULES AND NOTES FOR DETAILS. IF DEFICIENCIES OR SITE CONDITIONS PREVENT COMPLETE AND PROPER BALANCING, DO NOT COMPLETE WORK AND SUBMIT A REQUEST FOR INFORMATION TO GET COMPLETE INFORMATION PRIOR TO COMPLETING WORK. SUBMIT THREE (3) COPIES OF THE BALANCE REPORT TO THE ENGINEER, CONSTRUCTION MANAGER AND COMMISSIONING AGENT FOR APPROVAL. THE BALANCE REPORT SHALL INCLUDE NEBB OR AABC CREDENTIALS, EQUIPMENT/INSTRUMENT LIST WIT THE MOST RECENT CALIBRATION DATE AND BALANCE REPORTS FOR ALL HVAC AND EXHAUST SYSTEMS. INCLUDE A COPY OF THE BALANCE REPORT AS APPROVED BY THE ENGINEER WITH APPLICATION FOR FINAL CONTRACT PAYMENT.

GENERAL MECHANICAL NOTES

1. MECHANICAL CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR TO PATCH AND REPAIR ALL EXISTING WALLS, FLOORS, CEILINGS OR OTHER SURFACES IDENTIFIED TO REMAIN THAT MAY BECOME DAMAGED DURING THE COURSE OF WORK.
2. DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL INTENT OR ARRANGEMENT OF SYSTEM(S). FURNISH & INSTALL ALL COMPONENTS NEEDED WHETHER INDICATED OR NOT TO PROVIDE A COMPLETE AND OPERATING SYSTEM.
3. CONTRACTOR TO VERIFY ALL DIMENSIONS, INCLUDING CLEARANCES REQUIRED BY OTHER TRADES, AND NOTIFY STARBUCKS CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH THE WORK. ALL DIMENSIONS ARE TO THE FACE OF THE FINISHED SURFACE UNLESS NOTED OTHERWISE. ALL DIMENSIONS TO BE TAKEN FROM ACTUAL BUILDING DIMENSIONS.
4. THE MECHANICAL CONTRACTOR SHALL COORDINATE HVAC WORK WITH OTHER TRADES. THE ARCHITECTURAL DRAWINGS AND PROJECT MANUAL SHALL TAKE PRECEDENCE OVER ALL OTHER DRAWINGS. SEE ARCHITECTURAL DRAWINGS AND PROJECT MANUAL FOR DIMENSIONED DIFFUSER LOCATIONS AND MOUNTING HEIGHTS WHERE EXPOSED.
5. NEW DUCTWORK AND EQUIPMENT SHALL NOT BE INSTALLED WHERE IT OBSTRUCTS ANY EXISTING OR NEW AREAS THAT REQUIRE ACCESS.

CONTROLS AND OPERATION NOTES

THE GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL THE FOLLOWING COMPONENTS:

CONTROL WIRING
THE MECHANICAL CONTRACTOR SHALL PROVIDE ALL CONTROL WIRING IN CONDUIT NECESSARY FOR THE COMPLETE AND PROPER OPERATING TEMPERATURE CONTROL SYSTEM INCLUDING ALL MODES OF OPERATION AND INTERLOCK.

EXHAUST FANS
RESTROOM EXHAUST FAN(S) TO BE OPERATED IN CONJUNCTION WITH STORE HOURS UNLESS OTHERWISE NOTED OR APPROVED OR AS REQUIRED BY JURISDICTION (COORDINATE WITH ELECTRICAL).

THERMOSTAT
PERMANENT THERMOSTAT(S) AND REMOTE SENSOR(S) SHALL BE FURNISHED AND INSTALLED. ONE THERMOSTAT AND SENSOR IS PROVIDED FOR EACH AIR HANDLING UNIT. MOUNT THERMOSTAT(S) AND SENSOR(S) IN LOCATION & HEIGHT AS INCUBATED ON DRAWINGS. MECHANICAL CONTRACTOR TO PROVIDE THERMOSTAT IDENTIFICATION LABELS PER SPECIFICATION REQUIREMENTS. REFER TO THERMOSTAT SETUP INSTRUCTIONS BELOW FOR ADDITIONAL REQUIREMENTS.

THERMOSTAT SETUP INSTRUCTIONS
PROVIDE THE FOLLOWING SETUP AND PROGRAMMING:
1. CONFIGURE AS FOLLOWS:
   A. DEGREES °F" DISPLAY
   B. 12 HOUR CLOCK
   C. CONTINUOUS FAN OPERATION IN OCCUPIED MODE
   D. DISABLE KEYBOARD PROGRAMMING
2. SET TIME AND DATE.
3. SET TO DISPLAY CURRENT TEMPERATURE.
4. SET OCCUPIED START TIME AT 30 MIN. BEFORE OPENING. SET UNOCCUPIED START TIME AT 30 MIN. AFTER CLOSING. VERIFY HOURS WITH STORE MANAGER OR CONSTRUCTION MANAGER.
5. SET POINTS SHALL BE AS FOLLOWS OR AS APPROPRIATE FOR CLIMATE:
   A. OCCUPIED (5°F DEADBAND) (3°C DEADBAND)
      I. HEATING: 70°F (21°C)
      II. COOLING: 75°F (24°C)
   B. UNOCCUPIED
      I. HEATING: 60°F (15°C)
      II. COOLING: 78°F (25°C)
6. SET TWO (2) HOUR OCCUPIED OVERRIDE FUNCTION TO PROVIDE THE FOLLOWING SET POINT OVERRIDES:
   A. HEATING: +2°F (1°C)
   B COOLING: -2°F (1°C)

DEMAND CONTROL VENTILATION (DCV)
THE C02 SENSOR SHALL MODULATE THE AIR HANDLING UNIT OUTSIDE AIR DAMPER TO MAINTAIN 1000 PPM C02 OR LESS
OCCUPIED MODE:
1. FAN SHALL RUN CONTINUOUSLY WHILE BRINGING IN MINIMUM DCV OUTSIDE AIR AS INDICATED IN SCHEDULE.
2. IF C02 SENSOR SET POINT IS BELOW THE SETPOINT, THE AIR DAMPER SHALL BE OPEN TO THE CALCULATED DCV MINIMUM OUTSIDE AIR.
3. IF C02 SENSOR SETPOINT IS EXCEEDED, OUTSIDE AIR DAMPER SHALL MODULATE TO MAINTAIN 1000 PPM NOT TO EXCEED THE CALCULATED DESIGN MINIMUM OUTSIDE AIR.
4. UPON C02 PPM FALLING BELOW THE SETPOINT, THE AIR DAMPER SHALL RETURN TO DCV MINIMUM OUTSIDE AIR.
5. THE ECONOMIZER SHALL HAVE PRIORITY OVER THE DCV CONTROLS. OUTSIDE AIR MAY EXCEED DCV MINIMUM AND DESIGN MINIMUM WHEN AIR CONDITIONS ARE APPROPRIATE TO DO SO.

UNOCCUPIED MODE:
1. FAN SHALL CYCLE WITH HEATING AND OUTSIDE AIR DAMPER CLOSED. OUTSIDE DAMPER SHALL NOT BE CYCLED WITH C02 PPM SETPOINT.

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STORE #: 09369
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ISSUE DATE: 12-22-2023

DESIGN MANAGER: ANNIE SONG
ENGINEER OF RECORD: KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
MECHANICAL NOTES

SCALE: AS SHOWN

SHEET NUMBER:
M001

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SECTION 23 05 01.00 – COMMON REQUIREMENTS FOR HVAC

General
General Provisions of the Contract including General and Supplementary Conditions and General Requirements apply to work of this section.
Scope
The base bid includes furnishing all materials, labor, tools, and equipment and the performance of all work required to install a complete heating and air conditioning system as outlined herein.
Guarantee
The contractor shall provide a guarantee in written form stating that all work under this section shall be free of defective work, materials, or parts for a period of one year from the date of owner's final acceptance and shall repair, revise or replace at no cost to the owner any such defects occurring within the guarantee period. Contractor shall also state in written form that any items or occurrences arising during the guarantee period will be attended to in a timely manner and will in no case exceed four (4) working days from date of notification by owner.
Quality Assurance
Provide a complete installation in conformance with the following standards.
ASHRAE: American Society of Heating, Refrigerating and Air Conditioning Engineers
NFPA: National Fire Protection Association
SMACNA: Sheet Metal and Air Conditioning Contractors National Association.
Statewide Building Code
IMC: International Mechanical Code
Permits, Fees, Inspections, Laws and Regulations
Permits and fees of every nature required in connection with this work shall be obtained and paid for by this contractor who shall also pay for all the installation fees and similar charges. Laws and regulations, which bear upon or affect the various branches of this work shall be complied with by this contractor and are hereby made a part of this contract. All work, which such laws require to be inspected, shall be submitted to the proper public official for inspection and a certificate of final approval must be furnished.
Work in Existing Spaces
General: Care shall be taken when working in existing spaces so as not to damage existing walls and ceilings where work is being performed.
Ceilings: Where work is being performed above ceilings, and the architectural drawings do not indicate ceiling modifications by the general contractor, it shall be the responsibility of this contractor to remove and replace existing ceilings where work is being performed. In those instances, all repair and installation of new grid, ceiling panels, etc shall be the responsibility of this contractor. Match existing finishes.
Walls & Floors: It shall be the responsibility of this contractor to patch existing walls and floors and match existing finishes where work is being removed or installed and patching is being performed, unless noted otherwise on the architectural drawings.
Demolition
Any Equipment to be demolished shall also include the demolition of any and all ductwork, piping etc serving or served by the equipment, all accessories, air devices, wiring, gas piping, venting, control wiring and power wiring associated with the equipment.
Demolition shall be coordinated with all trades. All materials shall be turned over to the owner or disposed at the owner's direction.
Contractor is responsible for reclaiming any refrigerant in association with the demolition in accordance with all local, state and federal regulations.
Any roof or wall penetration shall be patched watertight to the satisfaction of the architect.
Tests and Adjustments
No ducts, piping, fixtures or equipment shall be concealed or covered until they have been inspected and approved by the Architect and the inspector who shall be notified by the contractor when the work is ready for inspection. Work shall be completely installed, tested and leak tight before inspection is required. All tests shall be repeated to the satisfaction of those making the inspection.
Architectural coordination items
Cutting and Patching: Cut and drill all openings in walls and floors required for the installation. Secure approval of Engineer before cutting and drilling. Neatly patch all openings cut.
Fire Caulking: Patching through fire rated walls and enclosures shall not diminish the rating of that wall or enclosure. Patch shall be equal to rockwool, firestop, caulk or approved "rated" patch.
Access Panels and Pathways: Furnish all access panels required for proper servicing of equipment. Provide access panels for all concealed valves, vents, controls, cleanout doors, and sprinkler devices required by NFPA. Provide access panels for all fire and/or fire & smoke dampers. Provide frame as required for finish. Furnish panels to General Contractor. Exact locations to be approved by the Architect. Minimum size to be 12" x 12", units to be 16 gauge steel, locking device shall be screwdriver cam locks.
project conditions
Where new HVAC systems are required to be connected to existing HVAC systems, it is the contractor's responsibility to verify the location, size, pressure, condition, and they shall verify that the existing HVAC system is indeed the correct and appropriate HVAC system before any work is done. Provide all necessary camera scoping and dye testing as necessary. If there is any need for concern, if it is determined that the existing HVAC system is not a correct or appropriate HVAC system or not connected to a correct or appropriate HVAC system, if the condition of the existing HVAC system is not viable for re-use, or any other condition that would not allow the proper functioning of the new HVAC system, the contractor shall notify the engineer in writing immediately via RFI and wait for direction before proceeding.
MECHANICAL EQUIPMENT COMMON REQUIREMENTS
INSPECTION
Examine areas and conditions under which mechanical equipment is to be installed. Do not proceed with work until unsatisfactory conditions have been corrected in manner acceptable to Installer.
Uncrate equipment and inspect for damage. Verify that nameplate data corresponds with unit designation.
INSTALLATION
General: Install mechanical equipment as indicated, and in accordance with manufacturer's installation instructions.
Location: Install each unit level/plum and accurately in position indicated in relation to other work; and maintain sufficient clearance for normal service and maintenance, but in no case less than that recommended by manufacturer.
Coordinate with other trades to assure correct recess size for recessed units.
Protect interior mechanical equipment with protective covers during balance of construction.
For ducted equipment, connect ductwork to units with flexible duct connections. Provide transitions to exactly match unit duct connection size. Provide 1" acoustic duct lining on return side a minimum of 10' from fan.
Piping: Restrictors or piping changes shall be made as necessary to achieve manufacturers recommended pressure drops. The findings shall be reported to the engineer at project closeout.
Provide trap at drain piping connection to unit sized per manufacturer's recommendations.
Access: Provide access space around and over mechanical equipment for service as indicated, but in no case less than that recommended by manufacturer or required by code in effect.
Access Panels: Furnish all access panels required for proper servicing of equipment. Provide access panels for all concealed valves, vents, controls and cleanout doors, and sprinkler devices required by NFPA. Provide frame as required for finish. Furnish panels to General Contractor. Exact locations to be approved by the Architect. Minimum size to be 12" x 12", units to be 16 gauge steel, locking device shall be screwdriver cam locks.
Rooftop mechanical equipment shall be installed a minimum of 10'-0" from any roof edge regardless of location indicated on plans, unless a screen wall or railing is installed per the local building code. See the architectural plans for coordination.
Roof Curbs: Furnish roof curbs to roofing Installer for installation. Install and secure roof curb to roof structure, in accordance with National Roofing Contractor's Association (NRCA) installation recommendations and shop drawings. Install and secure units on curbs and coordinate roof penetrations and flashing. Install according to roofing manufacturer's recommendation and specifications.
Indoor Suspended Equipment: Install suspended from structure with all threaded rod and vibration isolators.
ELECTRICAL COORDINATION ITEMS
Electrical Wiring: Install electrical devices furnished by manufacturer but not specified to be factory-mounted. Furnish copy of manufacturer's wiring diagram submittal to Electrical Installer.
Verify that electrical wiring installation is in accordance with manufacturer's submittal and installation requirements of Division 26 sections. Do not proceed with equipment start-up until wiring installation is acceptable to equipment installer.
Install electric heating terminal units including components in accordance with equipment manufacturer's written instructions, and with recognized industry practices; complying with applicable installation requirements of NEC and NECA's "Standard of Installation".
Tighten connectors and terminals, including screws and bolts, in accordance with equipment manufacturer's published torque tightening values for equipment connectors. Where manufacturer's torquing requirements are not indicated, tighten connectors and terminals to comply with tightening torques specified in UL Std 486A.
Grounding: Provide equipment grounding connections for electric heating terminals as indicated. Tighten connections to comply with tightening torque values specified in UL Std 486A to assure permanent and effective grounding.
FIELD QUALITY CONTROL
Testing: After installation has been completed, test to demonstrate proper operation of mechanical equipment at performance requirements specified. When possible, field correct malfunctioning units, then retest to demonstrate compliance. Replace units, which cannot be satisfactorily corrected. Test controls and demonstrate compliance with requirements.
Cleaning: After construction is completed, including painting, clean unit exposed surfaces, vacuum clean coils and inside of cabinets. Clean factory-finished surfaces. Repair any marred or scratched surfaces with manufacturer's touch-up paint.
START-UP
Provide the services of a factory-authorized service representative to start-up rooftop units, in accordance with manufacturer's written start-up instructions. Test controls and demonstrate compliance with requirements. Replace damaged or malfunctioning controls and equipment.
TRAINING OF OWNER'S PERSONNEL
Provide services of manufacturer's technical representative for 1-half day to instruct Owner's personnel in operation and maintenance of units. Schedule training with Owner, provide at least 7-day notice to Contractor and Engineer of training date.
SPARE PARTS
Provide one complete extra set of filters for each unit. Install new filters at completion of system work, and prior to testing, adjusting, and balancing work. Obtain receipt from Owner that new filters have been installed.

SECTION 23 05 03.00 – SUBMITTALS FOR HVAC

General
Where submittals are required by the Contract Documents, they shall be prepared and supplied in accordance with the Contract Documents. In addition to Division 01, the Contractor is advised to review and comply with the requirements articulated within each Division and within each section of that Division.
Some Divisions may include a division-specific "Submittal Requirements for …" section. Where this section exists, it articulates additional requirements for submittals that apply to the work of that Division.
The following requirements help to identify, track and keep the project organized for all parties involved. They are necessary to ensure a timely turnaround and an appropriate technical review. Submittals that do not conform to the administrative requirements are rejected and returned, without technical review.
Requirements
Supply submittals for each section: Submittals shall be supplied on a section-by-section and type-by-type basis. For example, independent product data submittals shall be furnished for each section that requires product data submittals. Independent shop drawing submittals shall be furnished for each section that requires shop drawings.
Refer to the specifications for identification of which submittals are required for the project. Separate PDF file packages shall be supplied for each section, for each submittal type, where electronic submittals are required. Each PDF shall represent a single standalone submittal. Separately bound and identified submittals shall be provided where hardcopies are required.
Include a transmittal: Transmittals shall enumerate each submittal for each section of each type and iteration.
Include cover sheet / title page: The cover sheet shall include the information identified in the contract documents. It shall be included as the first page of each electronic and/or hardcopy document-based submittal. An editable and printable PDF form created with editable fields and specification compliant appearance is available from KLH upon request. It is also downloadable from the KLH website at www.klhengrs.com.
Include an index: The index shall enumerate the contents of the submittal.
Include checklists: Where checklists are included with the specifications, complete and include them within the appropriate submittal. Supply complete submittals: Complete submittals of each type are required. Partial submittals will be rejected. Where a section requires a product data submittal, all product data for that section shall be supplied together, at one time, as one complete submittal. Do not send half the product data as one submittal and the other half as a separate one. When resubmittal is required (e.g. Revise and Resubmit) the revised submittal shall be more complete, more accurate and more contract-compliant than its rejected predecessor. The submittal number (for each section and type) shall increment for each subsequent submittal (00 – Original submission, 01 – First Resubmission, 02 – Second Resubmission, etc…). Resubmittals shall include a copy of the reviewer's comments supplied with the prior submittal rejection and shall be amended with a description of the specific action taken to comply with the reviewer's comments. The absence of this on resubmittal is cause for rejection.
Name electronic files to match the submittal ID and cover sheet: The electronic file name of submittals shall match the submittal ID included on the submittals cover page. For example: The original/first product data submittal for Section 234116 would be labeled as "234116.00-PD-00"; the first resubmittal of same shall be labeled "234116.00-PD-01". The original/first shop drawings submittal file for the same section would be labeled "234116.00-SD-00"; the first resubmittal of same shall be labeled "234116.00-SD-01".
Use of Electronic Drawings from the Owner's Design Team
Plan drawings for the Project were created with AutoCAD and Revit.
If expressly permitted by the Owner and the terms of the Contract, editable electronic versions of standard-scale, AutoCAD-based plan drawings may be made available for the creation of shop and as-built drawings.
Upon request when available, electronic versions of standard-scale, Navisworks (.dwf) and (.nwc) or AutoCAD 36 (.dwg) files may be made available for coordination purposes.
Due to the proprietary nature of internal design systems, editable native-software versions of some drawings, including but not limited to system diagrams and details will not be made available in an editable form. In these cases, electronic versions of the drawings may be made available only in PDF, JPG or similar non-editable electronic form, at the sole discretion of the Design Professional.
The Request Drawings form can be accessed, filled out and submitted at the following internet address (scroll down to bottom of home page): http://www.klhengrs.com.

SECTION 23 05 29.00 – HANGERS AND SUPPORTS FOR HVAC PIPING AND EQUIPMENT

Submittal Requirements
Product Data: For each type of product indicated.
Shop Drawings: Fabrication and installation details.

General
Support all piping, ductwork and equipment by hangers or brackets properly from the building structure. Support from decking above is prohibited. Furnish structural steel members where required to support piping and equipment. No portion of piping or valves shall be supported by equipment.
Ductwork - Support by means of hangers as follows:

Duct Width	Hanger Size and Type	Max. Spacing
30 or less	(#16 gage)	8

A pair of hangers shall be located at every transverse joint and elsewhere according to the table.
Piping
Install hangers, supports, clamps and attachments to support piping properly from building structure. Arrange for grouping of parallel runs of horizontal piping supported together on field-fabricated, heavy-duty trapeze hangers where possible. Where piping of various sizes is supported together by trapeze hangers, space hangers for smallest pipe size or install intermediate supports for smaller diameter pipe as specified above for individual pipe hangers.
Individual pipe hangers to be Anvil International Clevis Hanger Fig. 260, Elcen, or approved equal.
Rod sizes to conform to the following: 3/8" rods for 3/4"-2" pipe; 1/2" rods for 2-1/2"-3" pipe; 5/8" for 4"-5" pipe and 3/4" for 6" pipe.
Hangers shall be sized to allow insulation to pass through unobstructed, provide saddle support for insulation at all hanger.
Hanger spacing for steel piping unless otherwise noted is to be as follows: 1-1/4" or smaller to be 8' on center; 1-1/2"-2" to be 10' on center; 2-1/2" and larger to be 12' on center and at each change of direction. Hanger spacing for copper pipe to be as follows: 1" or smaller 6' on center; 1-1/4" or larger 8' on center.
Piping shall be also supported at each change in direction, at valves, and at equipment.

SECTION 23 05 93.00 – TESTING, ADJUSTING AND BALANCING FOR HVAC

Submittal Requirements
Shop Drawings: Certified Reports: Submit testing, adjusting, and balancing reports bearing the seal and signature of the Test and Balance Engineer. The reports shall be certified proof that the systems have been tested, adjusted, and balanced in accordance with the referenced standards; are an accurate representation of how the systems have been installed; are a true representation of how the systems are operating at the completion of the testing, adjusting, and balancing procedures; and are an accurate record of all final quantities measured, to establish normal operating values of the systems. Final Report: Upon verification and approval prepare final reports, type written, and organized and formatted as specified below. Submit 2 complete sets of final report to the owner.

General
Test, adjust, and balance the following mechanical systems:
Supply air systems, all pressure ranges
Return air systems.
Exhaust air systems.
Verify temperature control system operation.
Test systems for proper sound and vibration levels.
Quality Assurance
Codes and Standards:
AABC: "National Standards for Total System Balance".
ASHRAE: ASHRAE Handbook, 2011 Applications, Chapter 38, Testing, Adjusting, and Balancing.
Qualifications
The contractor shall procure the services of an independent Balance and Testing Agency, approved by the Engineer, and a member of Associated Air Balance Council (AABC) or NEBB, which specializes in the balancing and testing of heating, ventilating and air conditioning systems, to balance, adjust and test all air and water systems and equipment as herein specified. All work by this agency shall be done under direct supervision of a qualified heating and ventilating Engineer employed by this agency. All instruments used by this agency shall be accurately calibrated and maintained in good working order.
Sequencing and Scheduling
Test, adjust and balance air conditioning systems during summer season and heating systems during winter season, including at least a period of operation at outside conditions within 5 deg F wet bulb temperature of maximum summer design condition, and within 10 deg F dry bulb temperature of minimum winter design condition. Take final temperature readings during seasonal operation.
Check all filters for cleanliness, provide new as required.
Check dampers (volume and fire) for correct and locked position, and temperature control for completeness of installation before starting fans. Place outlet dampers in full open position. Lubricate all motors and bearings. Check fan belt tension. Check fan rotation.
Air balance and testing shall not begin until the system has been completed and is in full working order. The Contractor shall put all heating, ventilating and air conditioning systems and equipment into full operation and shall continue the operation of same during each working day of testing and balancing. The contractor shall submit within 30 days after receipt of contract, 8 copies of submittal data for the testing and balancing of the air conditioning, heating, and ventilating systems. The Air Balance and Testing Agency shall provide proof of having successfully completed at least five projects of similar size and scope.
The air balancing contractor shall include the additional cost to change every fan factory installed sheave, pulley and/or belt of in order to obtain the design air flows.
Renovations: In areas where existing HVAC equipment is being utilized, balancing contractor shall include the cost to pre-check each equipment air flows, serving the area of work, prior to demolition, and re-check and adjust each air handler after new construction. Air flows of existing air handlers serving existing spaces shall be similar after project is complete.
Performing Testing, Adjusting and Balancing
Perform testing and balancing procedures on each system identified, in accordance with the detailed procedures outlined in the referenced standards.
Cut insulation, ductwork, and piping for installation of test probes to the minimum extent necessary to allow adequate performance of procedures.
Patch insulation, ductwork, and housings, using materials identical to those removed.
Seal ducts and piping, and test for and repair leaks.
Seal insulation to re-establish integrity of the vapor barrier.
Mark equipment settings, including damper control positions; valve indicators, fan speed control levers, and similar controls and devices, to show final settings. Mark with paint or other suitable, permanent identification materials.
Retest, adjust, and balance systems subsequent to significant system modifications, and resubmit test results.

SECTION 23 07 13.00 – DUCT INSULATION

Submittal Requirements
Product Data: For each product indicated.
Shop Drawings: Include plans, elevations, sections, details and attachments to other work.

All liners, insulation and adhesives shall have a flame spread index not more than 25 and a smoke developed index of not more than 50. Insulation shall have a minimum installed thermal resistance value of R8 or code minimum, whichever higher.
Rigid Fiberglass Ductwork Insulation: Glass fibers bonded with a thermosetting resin. Comply with ASTM C 612, Type IB, without facing and with vapor barrier all-service jacket manufactured from kraft paper, reinforcing scrim, aluminum foil, and vinyl film.
Flexible Fiberglass Ductwork Insulation: Glass fibers bonded with a thermosetting resin. Comply with ASTM C 553, Type II, without facing and with vapor barrier all-service jacket manufactured from kraft paper, reinforcing scrim, aluminum foil, and vinyl film.
Vapor Barrier Material for Ductwork: Paper-backed aluminum-foil, except as otherwise indicated; strength and permeability equivalent to factory-applied vapor barriers on adjoining ductwork insulation, where available; with following additional construction characteristics:
High Puncture Resistance: Low vapor transmission (for ducts in exposed areas: Mech. Rooms, etc.)
Moderate Puncture Resistance: Medium vapor transmission (for ducts in concealed areas).
All ductwork shall be insulated except:
Double wall ductwork
Fabric ductwork
Metal ducts with duct liner of sufficient thickness to comply with energy code.
Factory insulated flexible ductwork
Factory insulated plenums and casings
Flexible connectors
Vibration control devices
Factory Insulated access panels and doors
Supply ductwork exposed in conditioned spaces excluding mechanical rooms, server rooms and electric equipment rooms
Toilet exhaust, general exhaust and return ductwork in an insulated joist or attic space.

SECTION 23 09 93.00 – SEQUENCE OF OPERATIONS FOR HVAC CONTROLS

Submittal Requirements
Product Data: Provide written sequences of operation for each controlled system and piece of equipment.

Packaged Rooftop Unit
1. Startup
The unit shall operate on a 7 day/night programmable thermostat.
During startup, the fan shall run with the dampers in the full recirculation position. Provide occupied changeover sequence with optimum start function. When the return air temperature reaches occupied setpoint (adjustable), the minimum outside air damper shall open to the controlled minimum outdoor air position.
2. Supply Fan Control
The supply fan shall be two staged and modulate up and down based on a call for heating or cooling.
3. Space Temperature Control
Provide 7-day programmable thermostat with digital display of space temperature and setpoint (+/- deg. F. adjustable), with override feature and remote space temperature sensor.
4. Minimum Outside Air Control
During occupied mode, the minimum outside air damper shall be open to the scheduled minimum outdoor air flow and modulate proportionally with the supply fan speed to maintain the scheduled minimum outside airflow. When the supply fan speed is set to high, outside air damper shall be partially closed allowing minimum outside air flow as scheduled. As supply fan speed is set to low, damper shall fully open allowing minimum outside air flow as scheduled. Provide motor operated dampers.
Provide carbon dioxide sensors in the space to measure carbon dioxide levels. Outside air damper shall modulate to maintain maximum carbon dioxide level setpoint at all times during occupied mode. CO2 levels shall be held below 1000 ppm (adjustable). When CO2 levels are below setpoint, outside air damper shall be at a minimum position, which equates to the sum of the "OA SQFT" multiplied by the room areas of each room in the "HVAC Ventilation Schedule" during occupied mode.
5. Economizer Control
Provide dual enthalpy economizer control. Economizer control shall be enabled whenever the outside air enthalpy is lower than the return air enthalpy. Enthalpy shall be calculated from sensors which are tied to the same controller for accuracy. During economizer mode, the outside air damper shall modulate to 100% open. The economizer damper shall modulate open on a call for cooling and modulate closed on a call for heating. The return damper shall modulate inversely with the economizer damper. Economizer shall have powered relief.
6. Cooling Control
Cooling shall be controlled to maintain space temperature setpoint. On a call for cooling, the heating shall be off and supply fan speed shall be low. On a further call for cooling, the economizer shall be enabled. On a further call for cooling, disable the economizer and energize first stage cooling on. On a further call for cooling, the supply fan speed shall be high and energized second stage of cooling.
7. Heating Control
Heating shall be controlled to maintain space temperature setpoint. On a call for heating, the mechanical cooling shall be off. On a further call for heating, the economizer mode shall be disabled. On a further call for heating, the supply fan shall be set to low speed and the gas heating shall be disabled. On a further call for heating, the supply fan shall be set to high speed and the gas heating shall be staged on.
8. Smoke Detector
When the smoke detector is alarmed, the system shall be alarmed and the air handler shall fail safe with manual reset.
9. Unoccupied Mode
During the unoccupied mode of operation, the RTU shall go into night setback mode.
Night Setback/Shutdown
At night setback/shutdown the RTU shall go to fail safe position. Fail safe position is defined by the following: The supply fan is off, the outdoor air intake damper is closed, the heating system is off and the mechanical cooling is off. The supply fan shall cycle in conjunction with either the heating or cooling system to maintain a minimum/maximum space temperature depending on the season.

Exhaust Fans (Timeclock)
Exhaust fans shall be tied to timeclock, which shall be furnished, installed and wired by electrical contractor. When activated, exhaust fan motor damper shall open and fan shall start.
(Indicated by EC on HECS schedule)

Controls
Electrical contractor will provide power wiring. HVAC contractor shall provide all the low voltage wiring of HVAC units and controls, thermostats and controllers.
Thermostat shall be by the manufacturer of the HVAC unit (heat/cool/auto/off) with night setback. Provide plastic protective cover for all thermostats. Replace controls on existing unit, adjust and calibrate controls.

Low Voltage Thermostats
Low voltage thermostats shall be furnished, installed and wired by the HVAC contractor. The electrical contractor shall provide 4" square x 1- 1/2" deep wall outlet boxes (with single-gang rings) for all thermostats/sensors. The electrical contractor shall provide one 3/4" empty conduit from each thermostat/sensor location, turned out above accessible ceilings (in joist space or against overhead slab/deck). The HVAC/Temperature Control Contractor shall provide all other necessary conduit, raceway and wiring related work. Conduit shall be identified in ceiling cavity and shall be provided with sweep bends, bushings and dragline.
The HVAC/Temperature Control Contractor shall coordinate with the General Contractor to ensure thermal envelope is maintained at these locations.

Carbon Dioxide Sensors
Carbon dioxide sensors shall be non-dispersive infrared (NIDR) type with a measurement range of 0-2000 ppm, repeatability of +/- 20 ppm and a measurement accuracy of +/- 75 ppm.
The recommended calibration interval shall be a minimum of 5 years.
Space mounted applications shall utilize diffusion through an attractive, satin finish, high impact housing.

General Control Wiring Requirements and Installation Methods
Except where specifically indicated otherwise above, the HVAC/Temperature Control Contractor shall provide all electrical work as required for all temperature control related wiring (i.e. conduit, raceway, outlet boxes, junction boxes, wiring, etc.) in accordance with Electrical Specifications requirements. All conduit shall be 3/4" minimum.
Coordinate all thermostat/sensor locations in field (case by case) with Architect, Owner and Electrical Contractor to ensure that they are placed in locations that will not interfere with furniture, equipment, artwork, wall-hung specialties, room finishes, etc. All thermostat/sensor wall locations indicated on HVAC drawings are schematic only and must be verified case-by-case prior to rough-in.
All electrical work as described in this specification shall be per the latest edition of the National Electrical Code (NEC) and per applicable state and local codes.
Where "free-air" installation methods (either exposed above the ceilings, in bridle rings or in cable trays) are permitted under Electrical Specifications above ceilings, provide plenum-rated cables wherever plenum ceilings (if any) exist and install as defined under Electrical Specifications. Install low voltage circuits, located in concrete slabs and masonry walls, in inaccessible locations, or exposed in occupied areas, in electrical conduit regardless of what wiring methods are permitted under Electrical Specifications.
Where cable trays or bridle rings are provided by the electrical contractor for low voltage cables, these raceways may be utilized for control wiring by this contractor (provide special color coded jackets, label cable jackets per Electrical Specifications and group control wiring cables together). Provide conduit drops from cable tray/bridle ring paths to wall outlet boxes and equipment unless directed otherwise under Electrical Specifications. Regardless of permitted methods in Electrical Specifications, all cables/wiring installed concealed by gypsum board, masonry or other inaccessible materials in walls or above ceilings shall be installed in conduit, 3/4" minimum.
All conduit, bridle rings, raceway, outlet boxes, etc. necessary for complete operational installation of control wiring shall be provided (furnished and installed) by the temperature control contractor in strict compliance with Electrical Specifications documents. Coordinate all work with all other applicable trades including the electrical contractor.
Provide all required conduit work to and between equipment in a manner compliant with that described above (i.e. between VAV boxes, to boilers, starters, condensing units, etc. as applicable).
Install control wiring without splices between terminal points, color-coded. Install in neat workmanlike manner, securely fastened. Install in accordance with National Electrical Code and per Electrical Specifications.
Install circuits over 25 volt with color-coded No. 12 wire in electrical metallic tubing, per Electrical Specifications.
Install circuits under 25 volt with color-coded No. 18 wire with 0.031" high temperature (105 degs. F) plastic insulation on each conductor and plastic sheath over all.
Install electronic circuits with color-coded No. 22 wire with 0.023" polyethylene insulation on each conductor with plastic-jacketed copper shield over all.

Smoke Detector
All duct smoke detectors will be furnished by electrical contractor, installed by the HVAC contractor, and wired by the electrical contractor per local codes. HVAC contractor will interlock fan with smoke detector.

Motor Operated Dampers
All fresh air intakes and exhaust louvers shall have motor operated dampers. Dampers shall be low leak with blade and edge seals. All motor operated dampers shall be provided and wired by the mechanical contractor unless otherwise noted. Provide all necessary transformers, contactors, controls and wiring for interlocking equipment to motor operated dampers.

SECTION 23 31 13.00 – METAL DUCTS

Submittal Requirements
Product Data: For liners, adhesives, sealants and gaskets.
Shop Drawings: Sheet metal thickness, reinforcing details, duct layouts indicating sizes, configuration, liner material, elevation and static pressure class.

Ductwork Materials
Exposed Ductwork Materials: Where ductwork is indicated to be exposed to view in occupied spaces, provide materials which are free from visual imperfections including pitting, seam marks, roller marks, stains and discolorations, and other imperfections, including those which would impair painting. Mechanical contractor shall confirm ductwork paint scope and color with architect.
Exposed ductwork which is to be painted shall have paint grip applied and be oil free.
Sheet Metal: Except as otherwise indicated, fabricate ductwork from galvanized sheet steel, lock forming quality; with G 90 zinc coating and mill phosphatized for exposed locations. Minimum gauge shall be 24.
Miscellaneous Ductwork Materials
Volume Dampers: Provide volume dampers in all branch ducts or as required for balancing to required air flows.
Fittings: Provide radius type fittings fabricated of multiple sections with maximum 15 deg. change of direction per section. Unless specifically detailed otherwise, use 45 deg. laterals and 45 deg. elbows for branch takeoff connections. Where 90 deg. branches are indicated, provide conical type tees.
Duct Sealant: Non-hardening, non-migrating mastic or liquid elastic sealant, type applicable for fabrication/installation detail, as compounded and recommended by manufacturer specifically for sealing joints and seams in ductwork.
Duct Cement: Non-hardening migrating mastic or liquid neoprene based cement, type applicable for fabrication/installation detail, as compounded and recommended by manufacturer specifically for cementing fitting components, or longitudinal seams in ductwork.
Ductwork Support Materials: Except as otherwise indicated, provide hot-dipped galvanized steel fasteners, anchors, rods, straps, trim and angles for support of ductwork.
Flexible Ducts
Either spiral-wound spring steel with flameproof vinyl sheathing, or corrugated aluminum. Unless specifically mentioned, the maximum length of flex duct on the supply equals 5 feet. Flex is not allowed for return, relief or exhaust applications. The flexible ducts indicated for use in the H.V.A.C. system shall conform to the requirements of UL 181 for Class 0 or Class 1 flexible air ducts and shall be so identified.
Where installed in unconditioned spaces other than return air plenums, provide 1" thick 1-1/2 lb. continuous flexible fiberglass sheath with vinyl vapor barrier jacket.
Installation is not permitted above drywall ceilings and inaccessible ceilings.

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PROJECT NAME: BRIARCLIFF MANOR, NY

PROJECT ADDRESS: 107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #: 09369
PROJECT #: 26336-078

ISSUE DATE: 12-22-2023

DESIGN MANAGER: ANNIE SONG
ENGINEER OF RECORD: KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
MECHANICAL OUTLINE SPECIFICATIONS
SCALE: AS SHOWN

SHEET NUMBER:
M002

12/15/2023 9:52:43 AM C:\Users\skelly\Documents\Revit\26080.00-23-MEP-SBX - Briarcliff Manor, Briarcliff, NY_skelly.rvt

Fabrication
Shop fabricate ductwork in 4, 8, 10 or 12-ft lengths, unless otherwise indicated or required to complete runs. All ductwork shall be Pittsburgh Construction with a minimum of thickness of 24 gauge. In addition, ductwork used in systems over 3" W.G. shall have cold sealant applied.
Shop fabricate ductwork of gauges and reinforcement complying with SMACNA "HVAC Duct Construction Standards".
Lined Duct
Fabricate ductwork with duct liner in each section of duct where indicated. Laminate liner to internal surfaces of duct in accordance with instructions by manufacturers of lining and adhesive, and fasten with mechanical fasteners. Duct liner to be 3-lb density for acoustic requirements 1" thick or as noted. Size of ductwork shown on the drawings is free net area, outside dimension of ducts will need to be increased if lined duct is used.
Size of ductwork shown on the drawings is free net area, outside dimension of ducts will need to be increased if lined duct is used.
Duct Liner: Fibrous glass of thickness indicated. 3-lb density. All liners, insulation and adhesives shall have a flame spread index not more than 25 and a smoke developed index of not more than 50.
Duct Liner Adhesive: As recommended by insulation manufacturer and complying with NFPA 90A or NFPA 90B.
Duct Liner Fasteners: Comply with SMACNA HVAC Duct Construction Standards.
Installation of Metal Ductwork
General: Assemble and install ductwork in accordance with recognized industry practices which will achieve air-tight (5% leakage for systems rated 3" and under; 1% for systems rated over 3") and noiseless (no objectionable noise) systems, capable of performing each indicated service. Install each run with minimum number of joints. Align ductwork accurately at connections, within 1/8" misalignment tolerance and with internal surfaces smooth. Support ducts rigidly with suitable ties, braces, hangers and anchors of type which will hold ducts true-to-shape and to prevent buckling. Support vertical ducts at every floor.
Sealing: Seal all longitudinal seams, S's and drives and all joints with mastic or cement. Install according to SMACNA standards.
Balancing Dampers: The sheet metal contractor shall be fully responsible for installing balancing dampers in the ductwork, (whether shown on the drawing or not) in order to arrive at the intended air flow. The balancing sub-contractor shall provide direction and assistance in determining locations where dampers are required. Additional dampers, if required shall be installed at no additional cost to the owner.
Wall Penetrations: Seal and pack around all ducts and piping sleeves which pass through walls that extend to bottom side of structure and rated walls.
Field Fabrication: Complete fabrication of work at project as necessary to match shop-fabricated work and accommodate installation requirements.
Routing: Locate ductwork runs, except as otherwise indicated, vertically and horizontally and avoid diagonal runs wherever possible. Run ductwork in shortest route which does not obstruct useable space or block access for servicing building and its equipment. Hold ducts close to walls, overhead construction, columns, and other structural and permanent enclosure elements of building. Limit clearance to 1/2" where furring is shown for enclosure or concealment of ducts, but allow for insulation thickness, if any. Where possible, locate insulated ductwork for 1" clearance outside of insulation. Wherever possible in finished and occupied spaces, conceal ductwork from view, by locating in mechanical shafts, hollow wall construction or above suspended ceilings. Do not encase horizontal runs in solid partitions, except as specifically shown.
Coordinate layout with suspended ceiling and lighting layouts and similar finished work.
Electrical Equipment Spaces: Do not route ductwork through transformer vaults and their electrical equipment spaces and enclosures.
Penetrations: Where ducts pass through interior partitions and exterior walls, and are exposed to view, conceal space between construction opening and duct or duct insulation with sheet metal flanges of same gage as duct. Overlap opening on 4 sides by at least 1-1/2". Fasten to duct and substrate.
All dampers shall be low leakage with edge and blade seals. Damper manufacturers are subject to specification compliance. Provide products by one of the following:
Greenheck Fan Corporation
Nailor Industries
Pottorff
Ruskin Company
Young Regulator Company
Coordination: Coordinate duct installations with installation of accessories, dampers, coil frames, equipment, controls and other associated work of ductwork system.
Installation of Duct Liner
General: Install duct liner in accordance with SMACNA HVAC Duct Construction Standards. Size of ductwork shown on the drawings is free net area, outside dimension of ducts will need to be increased if lined duct is used.
Store internally lined ductwork up off of the floor. Protect internally lined ductwork from water and dust.
The following ductwork shall be lined in addition to that shown per plans:
Return from open ceiling plenum return to HVAC unit.
Supply and return ductwork 10 feet downstream of HVAC unit.
Transfer air ducts.
Butter the leading edge of all internal duct lining with the manufacturer's recommended adhesive.
Inspect and repair all damaged lining prior to installation of ductwork.

Installation of Flexible Ducts
Maximum Length: For any duct run using flexible ductwork, do not exceed 5' - 0" extended length.
Installation shall have smooth full radius turns down to diffuser.
Installation not permitted above inaccessible ceilings.

23 34 23.00 – HVAC POWER VENTILATORS

Submittal Requirements
Product Data: For each type of product indicated.
Ceiling Ventilators
Centrifugal Ceiling Exhausters: Provide centrifugal ceiling exhausters, designed for ceiling or wall mounting, of type, size and capacity as scheduled.
Provide AMCA Certified Ratings Seal.
Type: Provide galvanized steel housing lined with acoustical insulation, adaptable for ceiling or wall installation. Provide centrifugal fan wheels mounted on motor shaft with fan shrouds, all removable for service.
Provide integral backdraft damper fan discharge.
Grille: Provide steel louvered grille with flange on intake with thumbscrew attachment to fan housing.
Motor: Provide permanent split-capacitor motor, permanently lubricated.
Accessories: Provide manufacturer's standard roof jack, wall cap, and transition fittings as indicated on drawings or schedules.
Vibration Isolation: Provide spring floor isolators or hangers depending on type of installation.
Duct Lining: Provide 1" thick, 3-lb density duct liner a minimum of 5' (five feet) up and down stream of fan.
Manufacturer: Subject to compliance with requirements, provide centrifugal ceiling exhausters of one of the following:
Acme
Cook (Loren) Co.
Greenheck.
Twin City Fan & Blower
INSTALLATION
Coordinate ventilator work with work of roofing, walls, and ceilings, as necessary for proper interfacing.
Provide access door in duct below ventilator to service damper.
Solder bottom joints and up 2" of side joints of duct under roof ventilator to retain any moisture entering ventilator.

23 37 13.00 – DIFFUSERS, REGISTERS AND LOUVERS

Submittal Requirements
Product Data: For each type of product indicated.

DIFFUSERS, GRILLES AND REGISTERS
Manufacturer: Subject to compliance with requirements, provide diffusers of one of the following:
Anemostat Products Div., Dynamics Corp. of America.
Metal-Aire
Titus Products Div., Philips Industries, Inc.
Tuttle and Bailey.
Price
Louvers and dampers
Provide louvers and dampers of size as noted.
Manufacturer: Subject to compliance with requirements, provide diffusers of one of the following:
Aerolite
Prefco
Pottorff
Greenheck
Ruskin

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PROJECT NAME:
BRIARCLIFF MANOR, NY

PROJECT ADDRESS:
107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #: 09369
PROJECT #: 26336-078

ISSUE DATE: 12-22-2023

DESIGN MANAGER: ANNIE SONG
ENGINEER OF RECORD: KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
MECHANICAL OUTLINE SPECIFICATIONS
SCALE: AS SHOWN

SHEET NUMBER:
M003

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STARBUCKS OWNER'S PROJECT REQUIREMENTS AND BASIS OF DESIGN

ASHRAE CLIMATE ZONE	1-8, A-C	
STARBUCKS' CLIMATE ZONE	A/B	
SEISMIC		
RESTRAINTS	WHEN REQUIRED BY CODE	
HVAC CONTROL SYSTEM (AT LEAST ONE REQUIRED)		
EMS	VENSTAR SURVEYOR	
SCHEDULE	MINUS 1 HOUR OPEN , PLUS 1/2 HOUR CLOSE	
BUILDING DIRECT DIGITAL CONTROLS	LL BUILDING SYSTEM	
DEMAND CONTROL VENTILATION	PREFERRED FOR FOH	
C02 SETPOINT FOR DCV AND STAND ALONE MONITORS	1000 PPM	
OUTSIDE AIR	ASHRAE 62.1	
ECONOMIZER	REQUIRED IN ALL CLIMATE ZONES	
COOLING CAPACITY	ASHRAE 90.1 / ASHRAE 55	
HEATING	GAS PREFERRED WHEN AVAILABLE	
HVAC SYSTEMS		
DEDICATED UNIT(S)	PACKAGED OR SPLIT	
BASE BUILDING SYSTEM	PER BUILDING / LL	
DESIGN TEMPERATURES - Using the ASRAE Design Day and MEP Guidelines to achieve coldest seasonal setpoint for cooling and warmest seasonal setpoint for heating		
OCCUPIED COOLING	71°F	
UNOCCUPIED COOLING	76°F	
OCCUPIED HEATING	68°F	
UNOCCUPIED HEATING	60°F	
DEADBAND	+/- 2°F	
TEMP OVERRIDE LIMIT	2 HOURS	
EXHAUST - Greenheck		
RESTROOMS	MIN 80 CFM / RESTROOM NET ABOVE SUPPLY	
OVENS	70 CFM / OVEN	
SCHEDULE	SAME AS RTU SCHEDULE	
CONTROLS	CONTINUOUS	
AIR CURTAIN		
SYSTEM	AS REQUIRED BY CODE	
CONTROL	TIED TO MICROSWITCH IN DT WINDOW	
HVAC SCHEDULE		
EXHAUST SCHEDULE		
EMS SCHEDULE		

KEYED NOTES

M01 RELOCATE EXISTING AIR DEVICE AS SHOWN. BALANCE TO NEW AIRFLOW.

M02 EXISTING THERMOSTAT TO REMAIN.

M03 REMOTE TEMPERATURE SENSOR AT 60" (1524MM) AFF. EXTEND WIRING TO EXISTING UNIT.

M04 PROVIDE CO2 SENSOR AS SHOWN AT 44" (1120MM) AFF. CO2 SET POINTS: 100% DESIGN OA RATE = 1000 PPM. FOR EQC2 CREDIT SET POINT = 800 PPM. EXTEND WIRING TO EXISTING UNIT.

M05 PRIOR TO DEMOLITION, CONTRACTOR IS TO MEASURE AND RECORD AIRFLOWS OF ALL EXISTING AIR DEVICES. IF EXISTING AIRFLOW OF ROOFTOP UNITS DEVIATE MORE THAN 10% FROM NEW AIRFLOWS, NOTIFY EOR IMMEDIATELY.

M06 EXTEND AND CONNECT NEW DUCT TO EXISTING DUCT OF EQUAL OR GREATER SIZE.

M08 PROVIDE NEW EXHAUST FAN AS SHOWN. COORDINATE EXACT LOCATION OF EXHAUST OUTLET ON ROOF TO BE 10'-0" MINIMUM FROM ALL EXISTING AIR INTAKES. PROVIDE ROOF CAP.

M09 BALANCE EXISTING AIR DEVICE TO AIRFLOW AS SHOWN.

M10 EXTEND AND CONNECT DUCT TO EXISTING EXHAUST MAIN TO EXISTING EXHAUST FAN ON ROOF.

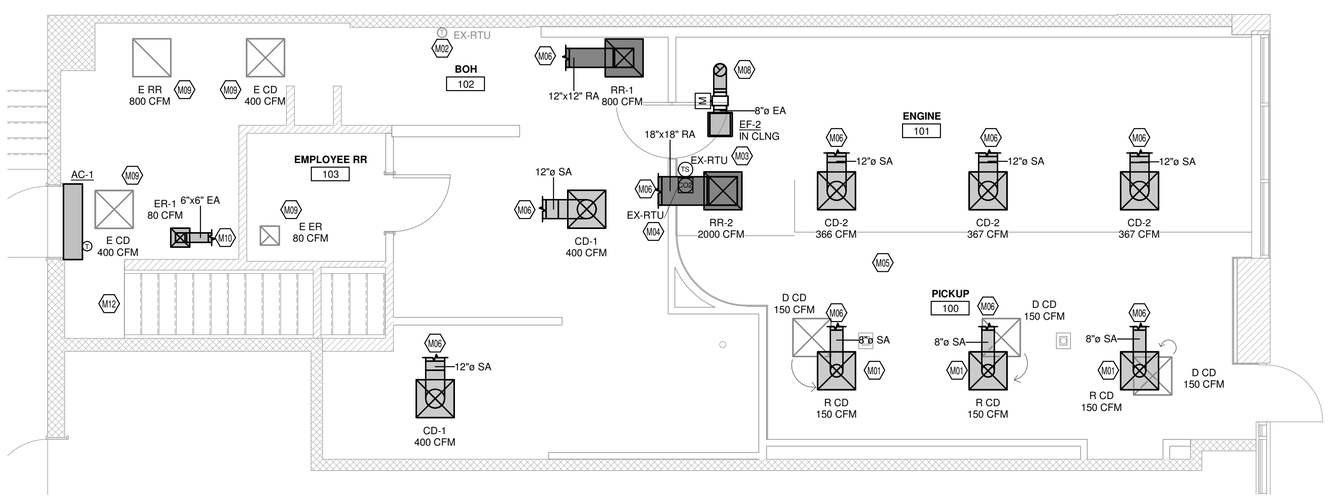
M12 NO HVAC SCOPE IN BASEMENT.

GENERAL NOTES

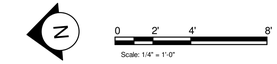
A. SEE ARCHITECTURAL SHEETS FOR PAINTING AND COLORS OF ALL EXPOSED DUCTWORK, DIFFUSERS AND GRILLES.

B. SEE ARCHITECTURAL SHEETS FOR DIMENSIONED DIFFUSER & EXPOSED DUCT LOCATIONS.

C. DIFFUSERS AND RETURN GRILLES SHALL BE CENTERED IN CEILING TILE, UNLESS OTHERWISE NOTED.



1 MECHANICAL DESIGN PLAN
1/4" = 1'-0"



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BRIARCLIFF MANOR, NY

PROJECT ADDRESS:
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STORE #:	09369
PROJECT #:	26336-078
ISSUE DATE:	12-22-2023
DESIGN MANAGER:	ANNIE SONG
ENGINEER OF RECORD:	KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
MECHANICAL DESIGN PLAN
SCALE: AS SHOWN

SHEET NUMBER:
M101

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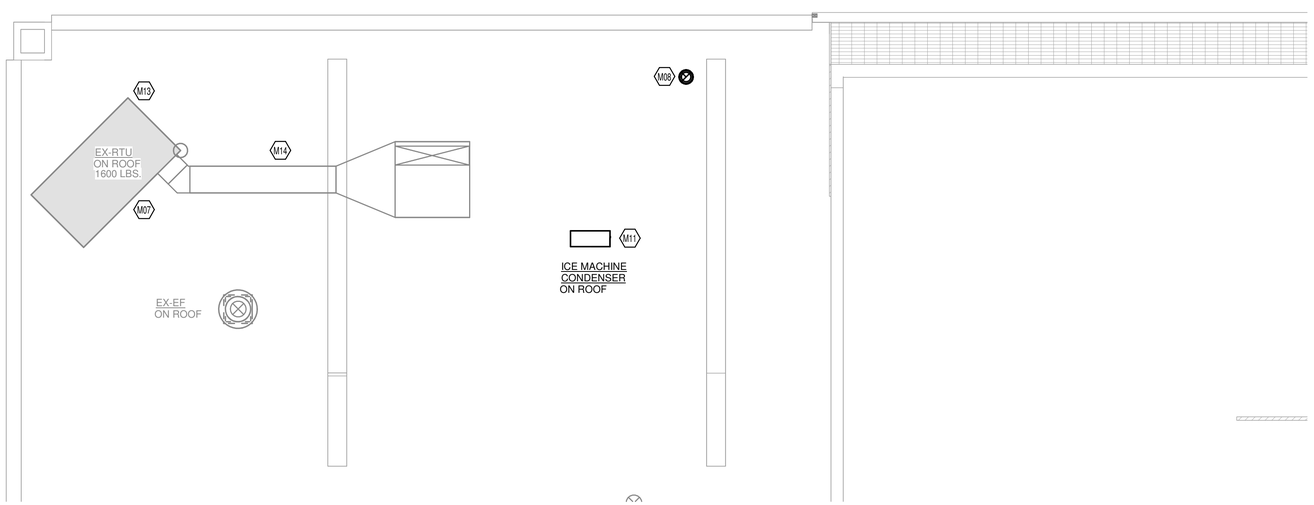

1 MECHANICAL ROOF PLAN
1/4" = 1'-0"

KEYED NOTES

M07 BALANCE SUPPLY, RETURN, AND VENTILATION AIRFLOW OF EXISTING HVAC UNIT AS SHOWN IN MECHANICAL SCHEDULE. SERVICE UNIT AS REQUIRED: CLEAN UNIT COILS, CHANGE FILTERS, ADJUST MOTORS AS REQUIRED, FURNISH AND INSTALL ACCESSORIES SHOWN IN SCHEDULE IF REQUIRED, ETC.

M08 PROVIDE NEW EXHAUST FAN AS SHOWN. COORDINATE EXACT LOCATION OF EXHAUST OUTLET ON ROOF TO BE 10'-0" MINIMUM FROM ALL EXISTING AIR INTAKES. PROVIDE ROOF CAP.

M11 CONNECT MANUFACTURER PROVIDED REFRIGERANT LINE SETS FROM REMOTE CONDENSER ON ROOF TO ICE MACHINE. LINE SETS TO BE SIZED BY MANUFACTURER. SEE ARCHITECTURAL PLAN FOR ICE MACHINE LOCATION.
INSTALL CONDENSING UNIT ON ROOF SUPPORTS, SEE DETAIL.

M13 PROVIDE GUARDS FOR EXISTING MECHANICAL EQUIPMENT LOCATED WITHIN 10 FT OF A ROOF EDGE. THE GUARD SHALL EXTEND NOT LESS THAN 30 IN BEYOND EACH END OF COMPONENTS THAT REQUIRE SERVICE. THE TOP OF THE GUARD SHALL BE LOCATED NOT LESS THAN 42 INCHES ABOVE THE ELEVATED SURFACE ADJACENT TO THE GUARD. THE GUARD SHALL BE CONSTRUCTED SO AS TO PREVENT THE PASSAGE OF A 21-INCH-DIAMETER SPHERE AND SHALL COMPLY WITH THE LOADING REQUIREMENTS FOR GUARDS SPECIFIED IN THE BUILDING CODE OF THE STATE OF NEW YORK.

M14 REPAIR OR REPLACE DUCTWORK ON ROOF TO BRING IT TO LIKE NEW CONDITION.

GENERAL NOTES

1. ALL IS NEW UNLESS NOTED OTHERWISE.
2. INSULATE DUCTWORK PER CODE AND SPEC. REQUIREMENTS ON M-0001, M002 AND M003 (ALL NOT SHOWN). COORDINATE CLEARANCE REQUIREMENTS FOR ADDED INSULATION.
3. SEE ARCH. SHEETS FOR PAINTING AND COLORS FOR ALL EXPOSED DUCTWORK, DIFFUSERS, GRILLES, ETC..
4. COORDINATE WITH ELECTRICAL CONTRACTOR FOR POWER CONNECTIONS TO ALL MECHANICAL EQUIPMENT.

0 2' 4' 8'
Scale: 1/4" = 1'-0"

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DESIGN MANAGER:	ANNIE SONG
ENGINEER OF RECORD:	KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
MECHANICAL ROOF PLAN
SCALE: AS SHOWN

SHEET NUMBER:
M102

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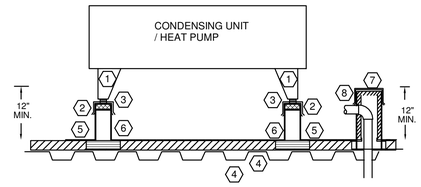


KEYED NOTES:

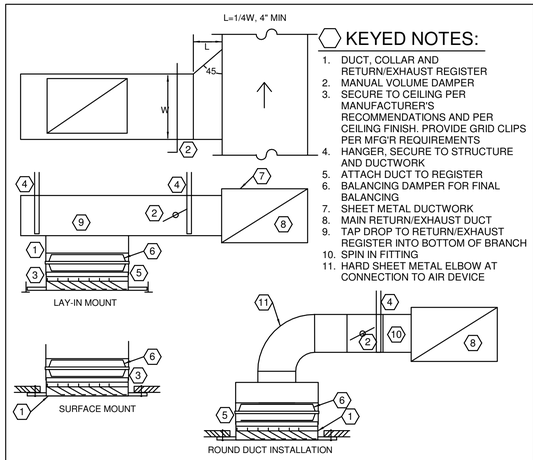
1. ANCHOR UNIT TO CURB
2. PRESSURE TREATED WOOD NAILER
3. VIBRATION ISOLATORS
4. ROOF DECK
5. PREFABRICATED EQUIPMENT SUPPORT
6. SINGLE MEMBRANE ROOFING, FLASH PER MFG'R RECOMMENDATIONS. FLASH UP AND OVER WOOD NAILER.
7. PREFABRICATED DOG HOUSE
8. SEAL AND FLASH OPENING

GENERAL NOTES:

A. ON PROJECTS WITH BUILT-UP ROOFS, ADD CANT ON EQUIPMENT SUPPORTS AND PREFABRICATE PIPING CHASE
B. PLACE EQUIPMENT ACROSS BAR JOIST OR ADD ADDITIONAL STRUCTURAL STRUCTURAL STEEL AS NECESSARY TO CARRY EQUIPMENT WEIGHT
C. LOCATE A MINIMUM OF 10'-0" FROM EDGE OF ROOF AND ROOF HATCH.

236213.00-02 - EQUIPMENT SUPPORT

SCALE: NONE

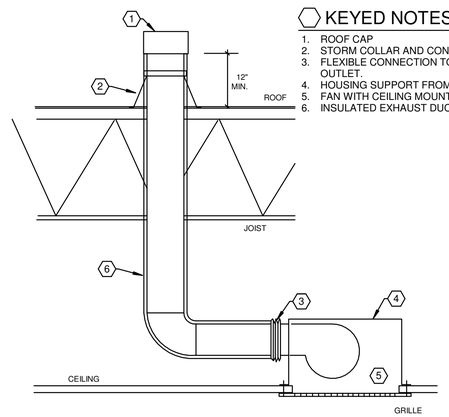


KEYED NOTES:

1. DUCT, COLLAR AND RETURN/EXHAUST REGISTER
2. MANUAL VOLUME DAMPER
3. SECURE TO CEILING PER MANUFACTURER'S RECOMMENDATIONS AND PER CEILING FINISH. PROVIDE GRID CLIPS PER MFG'R REQUIREMENTS
4. HANGER, SECURE TO STRUCTURE AND DUCTWORK
5. ATTACH DUCT TO REGISTER
6. BALANCING DAMPER FOR FINAL BALANCING
7. SHEET METAL DUCTWORK
8. MAIN RETURN/EXHAUST DUCT
9. TAP DROP TO RETURN/EXHAUST REGISTER INTO BOTTOM OF BRANCH
10. SPIN IN FITTING
11. HARD SHEET METAL ELBOW AT CONNECTION TO AIR DEVICE

233713.00-21 - RETURN/EXHAUST REGISTER INSTALLATION

SCALE: NONE

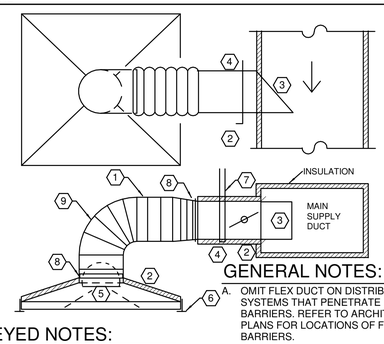


KEYED NOTES:

1. ROOF CAP
2. STORM COLLAR AND CONE FLASHING
3. FLEXIBLE CONNECTION TO FAN OUTLET.
4. HOUSING SUPPORT FROM JOIST.
5. FAN WITH CEILING MOUNTED GRILLE.
6. INSULATED EXHAUST DUCTWORK.

233423.00-15 - CEILING EXHAUST FAN

SCALE: NONE



GENERAL NOTES:

A. OMIT FLEX DUCT ON DISTRIBUTION SYSTEMS THAT PENETRATE 1-HR FIRE BARRIERS. REFER TO ARCHITECTURAL PLANS FOR LOCATIONS OF FIRE BARRIERS.

KEYED NOTES:

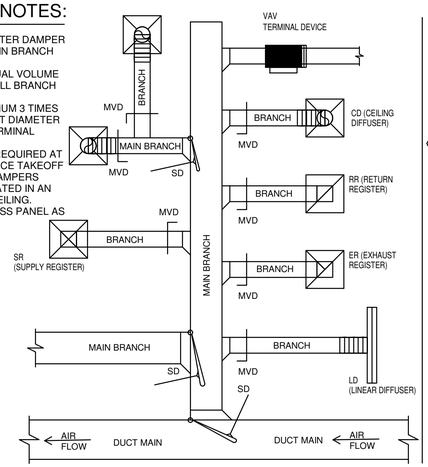
1. MAXIMUM LENGTH OF INSUL. FLEX DUCT EQUALS 5 FEET. FLEX NOT PERMITTED IN INACCESSIBLE CEILINGS
2. INSULATED DUCT, COLLAR AND DIFFUSER BY HVAC CONTRACTOR
3. SCOOP
4. SPIN IN FITTING WITH MANUAL VOLUME DAMPER
5. INTERNAL BUTTERFLY DAMPER FOR DRYWALL APPLICATIONS ONLY. (PROVIDE KEY FOR ADJUSTMENT)
6. SECURE TO CEILING PER MANUFACTURER'S RECOMMENDATIONS AND PER CEILING FINISH. PROVIDE GRID CLIPS PER MFG'R REQUIREMENTS. PROVIDE FRAMING FOR DRYWALL INSTALLATION.
7. HANGER, SECURE TO STRUCTURE AND DUCTWORK
8. PEEL BACK INSULATION AND PROVIDE STRAPPING AND SHEET METAL SCREWS AT FLEX CONNECTION TO DUCT. THEN PROVIDE STRAPPING AROUND INSULATION
9. SUPPORT FLEX TO PREVENT COLLAPSING

233713.00-04 - DIFFUSER INSTALLATION TYPICAL

SCALE: NONE

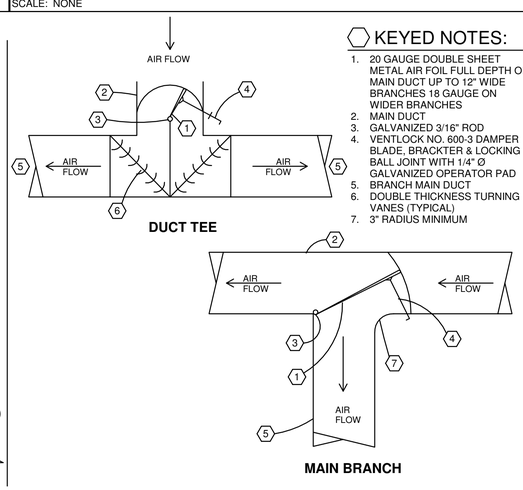
GENERAL NOTES:

1. PROVIDE SPLITTER DAMPER (SD) AT ALL MAIN BRANCH TAKEOFFS
2. PROVIDE MANUAL VOLUME DAMOERS AT ALL BRANCH TAKEOFFS
3. PROVIDE MINIMUM 3 TIMES STRAIGHT INLET DIAMETER TO ALL VAV TERMINAL DEVICES
4. DAMPER NOT REQUIRED AT TERMINAL DEVICE TAKEOFF
5. ALL MANUAL DAMPERS SHALL BE LOCATED IN AN ACCESSIBLE CEILING. PROVIDE ACCESS PANEL AS REQUIRED.



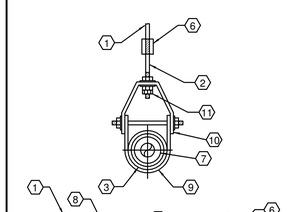
233300.00-01 - MANUAL DAMPER DETAIL

SCALE: NONE



KEYED NOTES:

1. 20 GAUGE DOUBLE SHEET METAL AIR FOIL FULL DEPTH OF MAIN DUCT UP TO 12" WIDE BRANCHES 18 GAUGE ON WIDER BRANCHES
2. MAIN DUCT
3. GALVANIZED 3/16" ROD
4. VENTLOCK NO. 600-3 DAMPER BLADE, BRACKTER & LOCKING BALL JOINT WITH 1/4" Ø GALVANIZED OPERATOR PAD
5. BRANCH MAIN DUCT
6. DOUBLE THICKNESS TURNING VANES (TYPICAL)
7. 3" RADIUS MINIMUM



KEYED NOTES:

1. CONNECT TO STRUCTURE TYP.
2. GALVANIZED THREADED HANGER RODS, TYP. SEE SPECS.
3. INSULATION PROTECTIVE SADDLE, TYP.
4. 1-1/2" x 1-1/2" x 1/4" STEEL ANGLE HANGER PRIME PAINTED.
5. PLATED BUT & WASHER TOP & BOTTOM,
6. TYP. VIBRATION ISOLATORS IN MECH. ROOMS, TYP.
7. INSULATION AS SPECIFIED, TYP.
8. REFER TO SPECS FOR CLAMP SPACING, TYP.
9. SADDLE
10. CLEVIS TYPE HANGER (PRIME PAINTED)
11. PLATED DOUBLE NUT AND WASHER

GENERAL NOTES:

A. IF HOT WATER PIPING IS ON THE SAME RACK AS OTHER PIPING, THE HOT WATER SHALL BE ON ROLLER SUPPORTS.
B. REGARDLESS OF WHAT IS INDICATED ON ANY FLOOR PLANS OR OTHER DETAILS THE ACTUAL INSTALLATION OF ANY HYDRONIC PIPING SHALL CONFORM TO WHAT IS SHOWN BELOW

232113.23-14 - PIPE HANGERS TYPICAL

SCALE: NONE

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PROJECT NAME: BRIARCLIFF MANOR, NY

PROJECT ADDRESS: 107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #:	09369
PROJECT #:	26336-078
ISSUE DATE:	12-22-2023
DESIGN MANAGER:	ANNIE SONG
ENGINEER OF RECORD:	KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
MECHANICAL DETAILS

SCALE: AS SHOWN

SHEET NUMBER:
M501

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HVAC ELECTRICAL COORDINATION SCHEDULE

ABBREVIATIONS		CONTRACTOR TYPE		MOTOR CONTROL TYPE		CONTROL TYPE	
DC	LOCAL DISCONNECT	EC	ELECTRICAL CONTRACTOR	CS	COMBINATION STARTER	TC	TIMECLOCK
MC	MOTOR CONTROL (POWER)	EX	EXISTING	MCC	MOTOR CONTROL STARTER	CPT	CONTROL POWER TRANSFORMER
SD	DUCT SMOKE DETECTOR	FC	FIRE PROTECTION CONTRACTOR	MG	MAGNETIC STARTER OR CONTACT	BAS	BUILDING AUTOMATION SYSTEM
CN	CONTROLS	GC	GENERAL CONTRACTOR	MS	MANUAL STARTER	LOW	LOW VOLTAGE CONTROLS
TS	TOGGLE SWITCH	HC	HVAC CONTRACTOR	VFD	VARIABLE FREQUENCY DRIVE	LINE	LINE VOLTAGE CONTROLS
C/B	H.A.C.R. CIRCUIT BREAKER AT SOURCE PANELBOARD	MFR	MANUFACTURER	MSR	MANUAL STARTER W/ CONTROL RELAY	RLINE	REVERSE ACTING LINE VOLTAGE THERMOSTAT
FUSE	FUSE AT LOCAL DISCONNECT (VERIFY FIELD RATING)	PC	PLUMBING CONTRACTOR	OV	OVERCURRENT PROTECTION	MAN	MANUAL
FLA	OPERATING FULL LOAD AMPS	OR	OWNER OR OTHERS			FA	FIRE ALARM
MCA	MINIMUM CIRCUIT AMPACITY					CO	CARBON MONOXIDE SENSOR
CP	CORD AND PLUG CONNECTION					INT	INTEGRAL TO EQUIPMENT
						ASD	AREA SMOKE DETECTOR
						DSD	DUCT SMOKE DETECTOR

EQUIPMENT MARK	DESCRIPTION	VOLTAGE	PHASE	EMERGENCY	HP	WATTS	HTG KW	FLA	MCA	OCP	FED FROM	DC FURN	DC INST	DC WIRE	MC TYPE	MC FURN	MC INST	MC WIRE	CN TYPE	CN FURN	CN INST	CN WIRE	FA SHUTDOWN	AVAILABLE FAULT CURRENT
EF-2	HVAC FAN	120 V	1			21		1.5	1.9	15		EC	EC	EC	MG	MFR	MFR	MFR	LINE	EC	EC	EC	NA	1633
AC-1	AIR CURTAIN W/ELECTRIC HEAT	208 V	3				5.6	17.2		25		EC	EC	EC	MG	MFR	MFR	MFR	INT	MFR	MFR	MFR	NA	8663

HVAC LOAD SCHEDULE

THE HEATING AND COOLING LOAD CALCULATIONS ARE BASED ON THE CLTD/CLF (COOLING LOAD TEMPERATURE DIFFERENCE/COOLING LOAD FACTOR) METHOD. ASSUMPTIONS AND EXECUTION OF THESE METHODS ARE PER ASHRAE 183-2007 STANDARD FOR PEAK COOLING AND HEATING LOAD CALCULATIONS IN BUILDINGS EXCEPT LOW-RISE RESIDENTAL BUILDINGS.

COOLING LOAD BREAKDOWN				HEATING LOAD BREAKDOWN	
CROOF	SENSIBLE HEAT GAIN FROM ROOF	CSSENS	TOTAL SENSIBLE HEAT GAIN TO SPACE	HROOF	HEAT LOSS FROM ROOF
CWALL	SENSIBLE HEAT GAIN FROM EXTERIOR WALLS	CFAN	SENSIBLE HEAT GAIN FROM AIR HANDLER FAN	HWALL	HEAT LOSS FROM EXTERIOR WALLS
CPART	SENSIBLE HEAT GAIN FROM PARITIONS	COAS	SENSIBLE HEAT GAIN FROM OUTDOOR VENTILATION AIR	HPART	HEAT LOSS FROM PARTITIONS
CGLASS	SENSIBLE HEAT GAIN FROM GLAZING	CTSENS	TOTAL SENSIBLE HEAT GAIN	HGLASS	HEAT LOSS FROM GLAZING
CSOLAR	SENSIBLE HEAT GAIN FROM SOLAR GAIN THROGH GLAZING	CPLAT	LATENT HEAT GAIN FROM PEOPLE	HSLAB	HEAT LOSS FROM SLAB
CLIGHTS	SENSIBLE HEAT GAIN FROM INTERIOR LIGHTING	COAL	LATENT HEAT GAIN FROM OUTDOOR VENTILATION AIR	HSPACE	TOTAL HEAT LOSS FROM SPACE
CEQUIP	SENSIBLE HEAT GAIN FROM PLUG LOADS, COMPUTERS, ETC.	CTLAT	TOTAL LATENT HEAT GAIN	HOA	HEAT LOSS FROM OUTDOOR VENTILATION AIR
CPSENS	SENSIBLE HEAT GAIN FROM PEOPLE	CTOT	TOTAL HEAT GAIN (SENSIBLE + LATENT)	HTOT	TOTAL HEAT LOSS

EQUIPMENT MARK	CROOF	CWALL	CPART	CGLASS	CSOLAR	CLIGHTS	CEQUIP	CPSENS	CSSENS	CFAN	COAS	CTSENS	CPLAT	COAL	CTLAT	CTOT	HROOF	HWALL	HPART	HGLASS	HSPACE	HSLAB	HOA	HTOT
EX-RTU	1.54	1.74	0	0.61	4.26	4.33	54.28	6.9	73.82	1.8	5.25	80.87	10	9.8	19.8	100.67	3.19	6.12	0	2.56	29.26	0	23.27	35.14

HVAC VENTILATION SCHEDULE

NUMBER	NAME	AREA	LEVEL	CEILING HEIGHT	AIR CHGS	OA CHGS	PEOPLE	OA PER PERSON	OA PER SQ FT.	REQ SUP	ACT SUP	REQ OA	ACT OA	ACT RET	ACT EXH	CRIT OA	PRESSURE	PCT OPERABLE	NATURAL VENTILATION
100	PICKUP	292 SF	FINISHED FLOOR	10' - 4 19/32"	0	0	5	7.5	0.12	870	900	88	88	0	0	10.4	Positive	0	False
101	ENGINE	314 SF	FINISHED FLOOR	9' - 2 1/8"	0	0	5	7.5	0.12	1035	1100	108	108	2000	140	8.3	Negative	0	False
102	BOH	542 SF	FINISHED FLOOR	10' - 2 1/4"	0	0	9	7.5	0.12	1495	1600	157	157	1600	80	10.4	Negative	0	False
103	EMPLOYEE RR	50 SF	FINISHED FLOOR	9' - 1"	0	0	0	0	0	15	0	0	0	0	80	0	Negative	0	False
TOTAL		1198 SF																	

SBX HVAC DIFFUSERS AND REGISTERS SCHEDULE

TAG	MANUFACTURER	MODEL	FACE	MOUNTING	MATERIAL	FINISH	DAMPER TYPE	BORDER STYLE	REMARKS
CD-1	TITUS	OMNI	24"x24"	CEILING	ALUMINUM	STANDARD WHITE	OPPOSED BLADE	LAY IN MOUNTING	
CD-2	TITUS	OMNI	24"x24"	CEILING	ALUMINUM	STANDARD WHITE	OPPOSED BLADE	SURFACE MOUNT	
ER-1	TITUS	50F	12"x12"	CEILING	ALUMINUM	BLACK FINISH G.C. TO FIELD PAINT TO MATCH CEILING OR WALLS	OPPOSED BLADE	SURFACE MOUNT	
R CD	TITUS	OMNI	24"x24"	CEILING	ALUMINUM	STANDARD WHITE	OPPOSED BLADE	LAY IN MOUNTING	
RR-1	TITUS	50F	24"x24"	CEILING	ALUMINUM	STANDARD WHITE	OPPOSED BLADE	LAY IN MOUNTING	
RR-2	TITUS	350RL	24"x24"	SIDEWALL	ALUMINUM	BLACK FINISH G.C. TO FIELD PAINT TO MATCH CEILING OR WALLS	OPPOSED BLADE	SURFACE MOUNT	

SBX HVAC AIR CURTAINS SCHEDULE

Equipment shall be braced and labeled by the equipment manufacturer to withstand the minimum scheduled available fault current value for listed equipment.

EQUIPMENT MARK	DESCRIPTION	LOCATION	STATUS	WEIGHT (lbs.)	MANUFACTURER	MODEL	EMERGENCY	ELECTRIC CONNECTION SUMMARY	AVAILABLE FAULT CURRENT
AC-1	AIR CURTAIN W/ELECTRIC HEAT	BOH 102	NEW	63	BERNER	AI08-E-1048E	NO	AC-1 - 208V/3PH, 5.6 KW HTG, 17.2A FLA, 25A OCP	8663

SBX HVAC FANS SCHEDULE

Equipment shall be braced and labeled by the equipment manufacturer to withstand the minimum scheduled available fault current value for listed equipment.

EQUIPMENT MARK	DESCRIPTION	LOCATION	STATUS	WEIGHT (lbs)	MANUFACTURER	MODEL	CFM (cfm)	ESP (in WC)	FAN RPM (rpm)	EMERGENCY	ELECTRIC CONNECTION SUMMARY	AVAILABLE FAULT CURRENT	ACCESSORIES
EF-2	HVAC FAN	ENGINE 101	NEW	24	GREENHECK	CSP-A390-VG		0.3	1008	NO	EF-2 - 120V/1PH, 21 W, 1.5A FLA, 1.9 MCA, 15A OCP	1633	

SBX HVAC ROOFTOP UNITS SCHEDULE

Equipment shall be braced and labeled by the equipment manufacturer to withstand the minimum scheduled available fault current value for listed equipment.

EQUIPMENT MARK	DESCRIPTION	LOCATION	STATUS	MANUFACTURER	MODEL	MIN EER	CFM (cfm)	ESP (in WC)	OACFM (cfm)	CO2 CFM (cfm)	NOMINAL TONS	MAT CLG DB (Deg F)	MAT CLG WB (Deg F)	CLG MBH (mbh)	CLG SENS (mbh)	LAT DB (Deg F)	LAT CLG WB (Deg F)	MAT HTG (Deg F)	HTG MBH (mbh)	MIN HTG AFUE	GAS HTG IN (mbh)	GAS HTG OUT (mbh)	MIN GAS PRESSURE (in WC)	MAX GAS PRESSURE (in WC)	EMERGENCY	ELECTRIC CONNECTION SUMMARY	ACCESSORIES	SBX DESIGN ID
EX-RTU	PACKAGED ROOFTOP UNIT, GAS HEAT	CAFE	EXISTING	TRANE	YSC120	11.0	3600	1	354	139	10	77	65	101	81	55	54	65	35	82	150	120	4.5	14	NO	EX-RTU - 208V/3PH, 49 MCA, 60A OCP	2,3,4,20,21	19973

HVAC ACCESSORIES

ACCESSORIES:

1. MOTOR DAMPER
2. ECONOMIZER
3. ROOF CURB
4. HAIL GUARDS
5. INTAKE HOOD
6. VIBRATION ISOLATION
7. FLAT FILTER
8. FILTER/MIXING BOX
9. ACCESS DOOR
10. FLEX CONNECTIONS
11. MOUNTING COLLAR
12. HOT GAS BYPASS
13. FACE/BYPASS DAMPER
14. CONDENSATE PUMP
15. MOTOR GUARD
16. GREASE TRAP
17. DUCT FLANGES
18. BASE RAIL
19. HUMIDIFIER
20. CO2 SENSORS
21. ECON POWERED EXHAUST
22. ECON BAROMETRIC RELIEF
23. HOT GAS REHEAT COIL
24. SHAFT GROUNDING BRUSHES

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PROJECT NAME: BRIARCLIFF MANOR, NY

PROJECT ADDRESS: 107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #: 09369
PROJECT #: 26336-078

ISSUE DATE: 12-22-2023

DESIGN MANAGER: ANNIE SONG
ENGINEER OF RECORD: KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
MECHANICAL SCHEDULES
SCALE: AS SHOWN

SHEET NUMBER:
M601

12/15/2023 9:52:54 AM C:\Users\skelly\Documents\Revit\26080.00-23-MEP-SBX - Briarcliff Manor, Briarcliff, NY_skelly.rvt

PLUMBING LEGEND

SYMBOL	DESCRIPTION
PLAN-VIEW LINE TYPES	
	WORK SHOWN FADED INDICATES EXISTING WORK TO REMAIN OR NEW WORK BY OTHERS AS APPLICABLE
	WORK SHOWN BOLD-DASHED INDICATES SELECTIVE DEMOLITION WORK
	WORK SHOWN BOLD-CONTINUOUS INDICATES NEW WORK
	DIRECTION OF FLOW
PIPING LINE TYPES	
PLUMBING ACCESSORIES	
	UNION
	PIPE CAP
	STRAINER
	PRESSURE GAUGE
	THERMOMETER
WCO CO	CO - CLEANOUT, FCO - FLOOR CLEANOUT, GCO - GRADE CLEANOUT, WCO - WALL CLEANOUT
FD	FLOOR DRAIN
FS	FLOOR SINK
ET	EXPANSION TANK
PIPE VALVES	
	CONTROL VALVE , SHUT-OFF VALVE
	CHECK VALVE
	BALANCING VALVE
TMV	THERMOSTATIC MIXING VALVE
	PRESSURE REGULATOR VALVE
	PRESSURE AND TEMPERATURE RELIEF VALVE
	BACKFLOW PREVENTER
	TRAP PRIMER VALVE
PLUMBING SYMBOLS	
	PIPE UP
	PIPE DOWN
	PIPE TEE DOWN
	PIPE TEE UP
	PIPE CONTINUATION
	CONNECT TO EXISTING (FIELD VERIFY EXISTING UTILITY SERVICE TYPE, PRIOR TO MAKING CONNECTION)
VTR	VENT THROUGH ROOF
PLUMBING MISCELLANEOUS	
	CIRCULATION PUMP, RETURN PUMP

VALVES

GENERAL
PLUMBING CONTRACTOR TO PROVIDE VALVES WHERE INDICATED ON PLANS AND AS NECESSARY FOR PROPER SYSTEM OPERATION AND COMPONENT ISOLATION. SEE PROJECT MANUAL FOR TYPES. INSTALL VALVES FOR EACH FIXTURE AND ITEM OF EQUIPMENT. PROVIDE BRAIDED STAINLESS STEEL HOSE (UNLESS OTHERWISE NOTED) BETWEEN VALVE AND EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. LOCATE SHUT-OFF VALVES ADJACENT TO EQUIPMENT FOR EASY ACCESS SUCH THAT VALVES CAN BE REACHED WITHOUT MOVING EQUIPMENT. SHUT OFF VALVES TO BE BALL TYPE. VALVES SHALL BE LISTED/APPROVED FOR USE PER AUTHORITIES HAVING JURISDICTION (AHJ) AND CODE REQUIREMENTS. PROVIDE VALVE IDENTIFICATION PER THE PROJECT MANUAL FOR MAIN WATER SERVICE SHUT-OFF AND ANY OTHER VALVES WHICH ARE NOT CLEARLY EVIDENT WHAT THEY SERVE.

SUPPLY WATER SERVICE
IF WATER PRESSURE SUPPLIED TO STORE IS GREATER THAN 65 PSI, PROVIDE A PRESSURE REGULATOR IN MAIN SUPPLY TO REDUCE WATER PRESSURE. PROVIDE BACKFLOW PREVENTION ON WATER SERVICE IF REQUIRED BY LOCAL CODES.

THERMOSTATIC MIXING VALVE
PROVIDE POINT OF USE THERMOSTATIC MIXING VALVES (TMV) AT SINKS NOTED ON PLAN AND SET FOR 110° (OR AS REQUIRED BY AHJ) TO SERVE HAND SINKS. MIXING VALVE TO BE INSTALLED PER MANUFACTURER'S REQUIREMENTS WITH CHECK VALVES AT SUPPLY INLETS. PROVIDE THERMOMETER ON OUTLET OF TMV. SEE THE PROJECT MANUAL FOR REQUIREMENTS.

PLUMBING FIXTURES

CONNECTIONS
THE PLUMBING CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS TO EQUIPMENT INCLUDING REQUIRED MATERIAL SUCH AS PIPING, VALVES, FILTERS, TRAPS, CHECKS VALVES, VACUUM BREAKERS, AND FLEXIBLE AND RIGID TUBING.

SCHEDULES
REFER TO SCHEDULES ON DRAWINGS FOR A DESCRIPTION OF LISTED ITEMS AND FURNISH ANY AND ALL PLUMBING FIXTURES LISTED AS "GC". ANY DISCREPANCIES ABOUT WHO IS TO PROVIDE PLUMBING FIXTURES IN THE SCHEDULE SHALL BE BROUGHT TO STARBUCKS ATTENTION FOR CLARIFICATION. INSTALL ALL FIXTURES LISTED REGARDLESS OF WHO SUPPLIES.

HAND SINK
IF FAUCET HAS A TEMPERATURE LIMIT STOP, IT IS TO BE REMOVED SO THAT TEMPERED WATER FROM THE WATER HEATER IS NOT FURTHER REDUCED. HOT WATER 100° - 110° F (34° - 43° C) MUST BE ABLE TO REACH SINK WITHIN 15 SECONDS.

UTILITY SINKS
UTILITY SINKS ARE TO DELIVER A WATER TEMPERATURE RANGE OF 110° - 120° F (43° - 49° C).

DISHWASHER
G.C. TO FURNISH AND INSTALL POWER CORD FOR DISHWASHER PER JURISDICTIONAL REQUIREMENTS. IF EQUIPMENT IS SPECIFIED AS HOBART ADVANSYS, THE UNIT IS TO BE PLUMBED WITH COLD, NON-FILTERED WATER. IF THE WATER FILTRATION SYSTEM IS A PENTAIR CONFIGURATION II OR III, THEN THE COLD, NON-FILTERED WATER MUST ALSO BE SOFTENED.

INSULATION

WATER PIPING
PROVIDE THERMAL INSULATION PER THE SPECIFICATIONS. UNLESS OTHERWISE REQUIRED BY THE LOCAL AUTHORITY OR ENERGY CODES, THE MINIMUM INSULATION LEVELS SHALL BE AS FOLLOWS:

PIPE SIZE (DIAMETER)		INSULATION THICKNESS
LESS THAN OR EQUAL TO 1 1/2" (38MM)	=	1" (24MM)
2" (51MM) OR GREATER	=	1 1/2" (38MM)

(INSULATION VALUE = K VALUE NOT EXCEEDING 0.27 BTU* INCH (H*FT2*F)

SAFETY COVERS
FURNISH AND INSTALL SPECIFIED NO SCALD SAFETY COVERS WITH INSULATED FOAM LINER AND TAMPER PROOF STRAP AT ALL EXPOSED ADA SINK P-TRAPS AND WATER SUPPLIES AND AS REQUIRED BY JURISDICTION .

PIPING

SOIL, WASTE, AND VENT PIPING
SEE THE PROJECT MANUAL FOR PIPE MATERIALS. ALL HORIZONTAL SANITARY RUNS SHALL DRAIN AT A GRADE OF 1/4" PER FOOT (21MM PER METER) WHERE POSSIBLE BUT IN NO CASE LESS THAN 1/8" PER FOOT (10MM PER METER) WHERE ALLOWED & SIZED PER AHJ AND CODE.

COORDINATE WITH LOCAL AUTHORITIES FOR DRAINAGE REQUIREMENTS FOR EQUIPMENT DESIGNATED WITH INDIRECT WASTE TO FLOOR SINKS. INDIRECT DRAIN LINES ARE TO MAINTAIN MIN. 1" (25MM) AIR GAP ABOVE FLOOR SINKS. PROVIDE PIPED DRAIN (P-TRAP AND VENT) TO SANITARY IF REQUIRED BY LOCAL JURISDICTION.

GREASE WASTE PIPING
SEE THE PROJECT MANUAL FOR PIPE MATERIALS. ALL HORIZONTAL GREASE DRAINAGE PIPING UPSTREAM OF GREASE INTERCEPTOR SHALL DRAIN NO LESS THAN 1/4" PER FOOT (2-PERCENT SLOPE), PER NYPC 704.1

CONDENSATE DRAINAGE PIPING
THE PLUMBING CONTRACTOR SHALL PROVIDE CONDENSATE DRAINS FOR AIR HANDLING UNITS AND STARBUCKS EQUIPMENT (REFER TO SCHEDULE). CONDENSATE DRAINAGE PIPING SHALL BE TYPE "M" COPPER TUBING WITH WROUGHT COPPER SWEAT FITTINGS JOINED WITH 50/50 SOLDER.

HANGERS AND SUPPORTS
THE PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL ALL PIPE SUPPORTS REQUIRED FOR EQUIPMENT AND MATERIAL IN ACCORDANCE WITH SPECIFICATIONS. ALL HORIZONTAL RUNS OF PIPING SHALL BE SUPPORTED BY PIPE HANGERS INSTALLED AS REQUIRED BY LOCAL CODES. ADDITIONAL SUPPORTS SHALL BE PROVIDED WHERE REQUIRED TO PREVENT SAGGING.

CONNECTIONS
INSTALL UNIONS ADJACENT TO EACH VALVE AND AT FINAL CONNECTION TO EACH PIECE OF EQUIPMENT. INSTALL DIELECTRIC COUPLINGS TO CONNECT PIPING MATERIALS OF DISSIMILAR METALS.

CLEANOUTS
PROVIDE FLOOR AND WALL CLEANOUTS AS INDICATED ON THE DRAWINGS OR WHERE REQUIRED BY CODE IN ALL SOIL, WASTE, AND DRAIN LINES. SEE THE PROJECT MANUAL FOR TYPES. CLEANOUTS SHALL BE SAME SIZE AS PIPE EXCEPT THAT CLEANOUTS LARGER THAN 4" WILL NOT BE REQUIRED.

INSTALLATION
INSTALL PIPING FREE OF SAGS AND BENDS. PROVIDE BRACKET STANDOFFS FROM MOUNTING SURFACES SUFFICIENT TO ALLOW 1" (25MM) OF CLEANING SPACE ALL AROUND PIPING, INCLUDING ANY ADDED PIPING INSULATION. INSTALL FITTINGS FOR CHANGES IN DIRECTION AND BRANCH CONNECTIONS. INSTALL SLEEVES FOR PIPES PASSING THROUGH CONCRETE AND MASONRY WALLS, GYPSUM BOARD PARTITIONS, CONCRETE FLOOR AND ROOF SLABS. SEAL PIPE PENETRATIONS THROUGH RATED CONSTRUCTION WITH FIRE STOPPING SEALANT MATERIAL PER CODE REQUIREMENTS. DO NOT INSTALL PEX PIPING IN RATED WALLS OR THROUGH RATED FLOORS. INSTALL PER MANUFACTURER'S INSTRUCTIONS AND ENSURE PROPER PROTECTION OF PEX PIPING FROM METAL EDGES. UNDERGROUND WATER AND SEWER LINES SHALL BE LAID IN SEPARATE TRENCHES WITH A MINIMUM HORIZONTAL SPACING AS REQUIRED BY CODE, EXCAVATED TO THE PROPER DEPTH AND GRADED TO PRODUCE THE REQUIRED FALL.

TESTING
ALL PIPES SHALL BE TESTED BY AN APPROVED METHOD BEFORE THEY ARE
BACKFILLED OR CONCEALED. AFTER TESTING IS COMPLETE, THE PLUMBING
CONTRACTOR SHALL DISINFECT THE POTABLE WATER SYSTEM AS REQUIRED BY LOCAL AUTHORITY. TEST WATER PURITY ACCORDING TO LOCAL REQUIREMENTS AND SUBMIT CERTIFIED TEST RESULTS TO ENGINEER FOR REVIEW AND APPROVAL.

IDENTIFICATION
PROVIDE PIPE IDENTIFICATION EVERY 10 FT (EXCEPT WHERE PIPES ARE EXPOSED TO PUBLIC) IN ACCORDANCE WITH SPECIFICATIONS.

CARBONATION

IF APPLICABLE TO PROJECT SCOPE FOR CBE STATION, STARBUCKS CARBONATION VENDOR WILL PROVIDE AND INSTALL EQUIPMENT, CO2 TANKS AND FITTINGS. STARBUCKS SHALL PROVIDE AND CONTRACTOR SHALL INSTALL CO2 TANK MOUNTING BRACKET, PROTECTIVE SHELVING UNIT AND CO2 GAS TUBING AS SHOWN ON DRAWINGS AND PER MANUFACTURER'S INSTRUCTIONS. MAXIMUM TUBING LENGTH INCLUDING COILED ENDS IS 100 FT (30 M) AND MAXIMUM BEND IS TO 3 INCH (75 MM) MINIMUM RADIUS. ROUTE CO2 TUBING PREFERABLY THROUGH WALL AND/OR CEILING CAVITIES, WITHOUT KINKS AND SO AS TO NOT TOUCH ANY HOT SURFACE (BALLAST, STEAM PIPE, ETC.) OR RUB AGAINST A SHARP EDGE THAT MAY ABRADE OR CUT TUBING. ALL HOLES MUST BE SEALED WITH A GROMMET OR ESCUTCHEON. TUBING IS TO BE SECURED TO APPROPRIATE PERMANENT SURFACES TO KEEP IT OFF THE FLOOR OR CABINET BOTTOMS AND AWAY FROM OTHER EQUIPMENT. LABEL BOTH ENDS OF TUBING AND REGULARLY AT TEN (10) FOOT INTERVALS ALONG ROUTE AS "CO2."

NITROGENATION

STARBUCKS NITROGENATION VENDOR WILL PROVIDE AND INSTALL EQUIPMENT AND FITTINGS IF APPLICABLE TO PROJECT SCOPE FOR NITRO STATION. GENERAL CONTRACTOR SHALL COORDINATE NITRO SYSTEM INSTALLATION WITH STARBUCKS VENDOR.

GENERAL PLUMBING NOTES

1. PLUMBING CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR TO PATCH AND REPAIR ALL EXISTING WALLS, FLOORS, CEILINGS OR OTHER SURFACES IDENTIFIED TO REMAIN THAT MAY BECOME DAMAGED DURING THE COURSE OF WORK.
2. EXPOSED/SURFACE MOUNTED PIPING IS ONLY ALLOWED IN THE BAR AREA UNDER COUNTERTOPS, WHERE IT DOES NOT OBSTRUCT CABINETS/DEVICES AND WHERE APPROVED BY STARBUCKS CONSTRUCTION MANAGER. IF ROUTED THROUGH CABINETS, IT SHALL BE ROUTED TO MAXIMIZE STORAGE SPACE AND BE PROTECTED FROM DAMAGE.
3. DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL INTENT OR ARRANGEMENT OF SYSTEM(S). FURNISH AND INSTALL ALL COMPONENTS NEEDED WHETHER INDICATED OR NOT TO PROVIDE A

   COMPLETE AND OPERATING SYSTEM. OVERALL CASEWORK COMPONENT DIMENSIONING ON PLUMBING DETAILS ARE SHOWN FOR REFERENCE AND COORDINATION ONLY.
4. CONTRACTOR TO VERIFY ALL DIMENSIONS, INCLUDING CLEARANCES REQUIRED BY OTHER TRADES, AND NOTIFY STARBUCKS CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH THE WORK. ALL DIMENSIONS ARE TO THE FACE OF THE FINISHED SURFACE UNLESS NOTED OTHERWISE. ALL DIMENSIONS TO BE TAKEN FROM ACTUAL BUILDING DIMENSIONS.
5. THE PLUMBING CONTRACTOR SHALL COORDINATE PLUMBING WORK WITH OTHER TRADES. THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS SHALL TAKE PRECEDENCE OVER ALL OTHER DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR FIXTURES IN CASEWORK AND PLUMBING DETAILS. SEE THE PROJECT MANUAL FOR PLUMBING SPECIFICATION SECTIONS.
6. ALL PIPING AND/OR PLUMBING DEVICES SHALL BE SUPPORTED FROM STRUCTURE (NOT FROM HVAC DUCTS OR OTHER PIPES/CONDUITS).

GENERAL NOTES

SCOPE
THE INTENT OF THE PROJECT MANUAL AND THE DRAWINGS IS TO PROVIDE A COMPLETE AND FULLY OPERATIONAL PLUMBING SYSTEM. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT RELATED TO THE INSTALLATION OF THE PLUMBING WORK.

SITE EXAMINATION
THE CONTRACTOR SHALL THOROUGHLY EXAMINE ALL AREAS WHERE FIXTURES, EQUIPMENT, AND PIPING WILL BE INSTALLED AND WILL REPORT ANY CONDITION THAT, IN HIS OPINION, PREVENTS THE PROPER INSTALLATION OF THE PLUMBING WORK.

STANDARDS
EQUIPMENT AND MATERIALS SHALL CONFORM WITH THE APPROPRIATE PROVISIONS OF CSA, ULC, ASME, ASTM, UL, NEMA, ANSI, ASHRAE, NFPA, AS APPLICABLE TO EACH INDIVIDUAL UNIT OR ASSEMBLY.

CODES
ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL APPLICABLE PROVINCIAL AND LOCAL CODES AND ORDINANCES. IN CASE OF CONFLICT BETWEEN THE DRAWINGS AND SPECIFICATIONS AND THE CODES AND ORDINANCES, THE HIGHEST STANDARD SHALL APPLY. THE CONTRACTOR SHALL SATISFY CODE REQUIREMENTS AS A MINIMUM STANDARD WITHOUT ANY EXTRA COST TO STARBUCKS.

PERMITS AND FEES
THE CONTRACTOR SHALL PROCURE AND PAY FOR ALL PERMITS, FEES, AND INSPECTIONS NECESSARY TO COMPLETE THE PLUMBING WORK.

WARRANTY
THE CONTRACTOR SHALL UNCONDITIONALLY WARRANT ALL WORK TO BE FREE OF DEFECTS IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE BY STARBUCKS AND WILL REPAIR OR REPLACE ANY DEFECTIVE WORK PROMPTLY AND WITHOUT CHARGE AND RESTORE ANY OTHER EXISTING WORK DAMAGED IN THE COURSE OF REPAIRING DEFECTIVE MATERIALS AND WORKMANSHIP.

GENERAL NOTES

A. CONTRACTOR TO INSTALL HORZONTAL PIPING IN AREAS WITH AN EXPOSED CEILING AS TIGHT TO DECK AND WALLS AS POSSIBLE UNLESS OTHERWISE NOTED.
B. PROVIDE ASSE 1022 APPROVED CHECK VALVES FOR DIRECT CONNECT FIXTURES UNLESS OTHERWISE NOTED.
C. PROVIDE ASSE 1070 COMPLIANT POINT OF USE THERMOSTATIC MIXING VALVES FOR LAVATORIES AND HAND SINKS UNLESS OTHERWISE NOTED.

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PROJECT NAME:
BRIARCLIFF MANOR, NY

PROJECT ADDRESS:
107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #: 09369
PROJECT #: 26336-078

ISSUE DATE: 12-22-2023

DESIGN MANAGER: ANNIE SONG
ENGINEER OF RECORD: KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
PLUMBING NOTES

SCALE: AS SHOWN

SHEET NUMBER:
P001

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12/15/2023 9:52:56 AM C:\Users\skelly\Documents\Revit\26080.00-23-MEP-SBX - Briarcliff Manor, Briarcliff, NY_skelly.rvt

SYSTEM COMMISSIONING

CONTRACTOR RESPONSIBILITIES FOR BUILDING COMMISSIONING

CONTRACTOR SHALL PROVIDE SUPPORT AND WORK AS SPECIFIED, NEEDED AND REQUIRED TO CONDUCT AND FACILITATE STARBUCKS STAFF BUILDING COMMISSIONING EFFORTS. THIS WORK WILL BE COMPRISED OF THREE DISTINCT EFFORTS:

1) SUPPORT STARBUCKS COMMISSIONING AGENT (CXA) DURING INSTALLATION VERIFICATION AND CORRECT DISCLOSED DEFICIENCIES;
2) PERFORM TESTING, ADJUSTING, BALANCING AND SYSTEM STARTUP AND SUPPORT FUNCTIONAL PERFORMANCE TESTING BY STARBUCKS CXA;
3) CORRECT DEFICIENCIES DISCLOSED BY FUNCTIONAL PERFORMANCE TESTING AND SUBMIT REPORTS. CONTRACTOR SHALL PERFORM AND PROVIDE THE FOLLOWING:

A. SYSTEMS SUBJECT TO COMMISSIONING MAY INCLUDE, BUT ARE NOT LIMITED TO, DOMESTIC HOT WATER GENERATION, HVAC SYSTEMS, ROOFTOP UNITS, EXHAUST FANS, HVAC CONTROLS, LIGHTING CONTROLS, AIR CURTAINS, BUILT-IN REFRIGERATION EQUIPMENT, AND RENEWABLE ENERGY SYSTEMS.

B. CONTRACTOR SHALL INCLUDE COMMISSIONING ACTIVITIES IN PROJECT SCHEDULE AND SHOW INTERVALS FOR PERFORMANCE OF WORK FOR WHICH CONTRACTOR IS RESPONSIBLE AND INTERVALS FOR WORK PERFORMED BY STARBUCKS CXA. CONTRACTOR SHALL SHOW RESOURCES FOR PERFORMING ALL WORK RELATED TO COMMISSIONING ACTIVITIES ON A LINE ITEM IN THE SCHEDULE OF VALUES.

C. CONTRACTOR SHALL INSTALL EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS AND ALL CONTRACT DOCUMENTS. ENSURE THAT ALL EQUIPMENT IS INSTALLED TOTALLY COMPLETE, AND ACCESSIBLE TO STARBUCKS CXA FOR INSTALLATION VERIFICATION AND FUNCTIONAL PERFORMANCE TESTING PRIOR TO THE SCHEDULED START OF INSTALLATION VERIFICATION.

D. INSTALLATION VERIFICATION SHALL BE PERFORMED BY STARBUCKS CXA. CONTRACTOR SHALL SUPPORT STARBUCKS CXA INSTALLATION VERIFICATION EFFORTS AS NECESSARY. PROVIDE ALL ACCESS AND EQUIPMENT NECESSARY FOR STARBUCKS STAFF TO VERIFY THAT THE EQUIPMENT IS INSTALLED CORRECTLY.

E. CONTRACTOR SHALL BE READILY AVAILABLE DURING INSTALLATION VERIFICATION TO CORRECT ANY DEFICIENCIES OR DEFECTS DISCLOSED BY THE INSTALLATION VERIFICATION PROCESS. CORRECTIONS SHALL BE MADE IN A TIMELY MANNER WITHOUT DISRUPTION OF THE CONSTRUCTION SCHEDULE.

F. ALL HVAC, EXHAUST FAN, AND AIR CURTAIN EQUIPMENT SHALL BE TESTED, ADJUSTED AND BALANCED BY THE CONTRACTOR'S TESTING, ADJUSTING AND BALANCE AGENT(SEE TESTING, ADJUSTING AND BALANCING) AFTER THE SYSTEM IS VERIFIED TO BE COMPLETE AND CORRECT BY STARBUCKS CXA, IN ACCORDANCE WITH THE REQUIREMENTS OF THESE DOCUMENTS. LL HVAC CONTROL SYSTEMS SHALL BE TESTED TO ENSURE THAT CONTROL DEVICES, COMPONENTS, EQUIPMENT AND SYSTEMS ARE CALIBRATED, ADJUSTED AND OPERATE IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS. SEQUENCES OF OPERATION SHALL BE TESTED TO ENSURE THAT THEY OPERATE IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS. DELIVERABLES: PRELIMINARY, WRITTEN TESTING AND AIR BALANCE REPORT CONFORMING TO THE REQUIREMENTS SPECIFIED HEREIN, DOCUMENTING THE INFORMATION SPECIFIED, ETC. TO THE STARBUCKS CXA IMMEDIATELY UPON COMPLETION OF THE WORK.

G. CONTRACTOR SHALL INFORM STARBUCKS CXA WHEN EQUIPMENT IS READY FOR FUNCTIONAL PERFORMANCE TESTING. ALL EQUIPMENT SHALL BE READY FOR FUNCTIONAL PERFORMANCE TESTING PRIOR TO STARTING TESTING. CONTRACTOR SHALL OPERATE EQUIPMENT FOR STARBUCKS CXA AND VERIFY BY DEMONSTRATION THE CORRECT OPERATION OF EQUIPMENT, RESPONSE OF SENSORS, AND PROPER EXECUTION OF HVAC CONTROL AND LIGHTING SEQUENCES; INCLUDING BUT NOT LIMITED TO, AIR MOVEMENT, TEMPERATURE, SOUND, AND CONTROL RESPONSE. PROVIDE ANY SECURITY ACCESS, HARDWARE, SOFTWARE, OR OTHER SUPPORT AS NEEDED FOR THE STARBUCKS CXA TO EFFICIENTLY WITNESS AND DOCUMENT ALL EQUIPMENT TESTING. STARBUCKS CXA WILL RECORD THE EQUIPMENT OPERATION AND RESPONSE TO TESTING SEQUENCES AND PREPARE A LIST OF ANY DEFICIENCIES DISCLOSED BY THE FUNCTIONAL PERFORMANCE TESTS FOR CORRECTION BY THE CONTRACTOR. EQUIPMENT INCLUDES, BUT IS NOT LIMITED TO, AIR HANDLING UNITS, ROOFTOP AND SPLIT TYPE, CONDENSING UNITS, EXHAUST FANS, LIGHTING CONTROLS, ETC. DELIVERABLES: PROVIDE COMPLETED COPIES OF ALL START UP REPORTS, FILLED OUT ON THE MANUFACTURER'S FORMS, TO THE STARBUCKS CXA.

H. CONTRACTOR IS RESPONSIBLE FOR CORRECTING ANY ISSUES OR DEFICIENCIES DISCLOSED DURING THE FUNCTIONAL PERFORMANCE TESTING PROCESS. CORRECTIONS SHOULD BE MADE IN A TIMELY MANNER WITHOUT DISRUPTION TO THE SYSTEM AND CONSTRUCTION SCHEDULE.

I. CONTRACTOR SHALL BE READILY AVAILABLE FOR ANY RE-TESTING OF EQUIPMENT DEEMED NECESSARY BY STARBUCKS CXA DURING INSTALLATION VERIFICATION AND FUNCTIONAL PERFORMANCE TESTING. CONTRACTOR IS RESPONSIBLE FOR CORRECTING ANY ISSUES OR DEFICIENCIES FOUND IN THE SYSTEM DURING ANY AND ALL RE-TESTING. CORRECTIONS SHOULD BE MADE IN A TIMELY MANNER WITHOUT DISRUPTION TO THE SYSTEM AND CONSTRUCTION SCHEDULE. DELIVERABLES: FINAL BALANCE REPORT, DEFICIENCIES LIST NOTING CORRECTIVE ACTIONS PERFORMED BY CONTRACTOR IN RESPONSE TO INSTALLATION VERIFICATION AND FUNCTIONAL PERFORMANCE TEST RESULTS.

J. CONSTRUCTION AND POST CONSTRUCTION TESTING: ADDITIONAL TESTING MAY BE REQUIRED BY LEED AND OTHER PROCESSES THAT MAY OCCUR OUT OF SEQUENCE WITH COMMISSIONING SERVICE. CONTRACTOR SHALL CONDUCT, DOCUMENT, SUPPORT AND SCHEDULE THIS TESTING AS DIRECTED BY STARBUCKS CXA.

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PROJECT NAME: BRIARCLIFF MANOR, NY

PROJECT ADDRESS: 107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #:	09369
PROJECT #:	26336-078
ISSUE DATE:	12-22-2023
DESIGN MANAGER:	ANNIE SONG
ENGINEER OF RECORD:	KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
PLUMBING NOTES

SCALE: AS SHOWN

SHEET NUMBER:
P002

SECTION 22 05 00.00 - COMMON WORK RESULTS FOR PLUMBING
GENERAL
The General Provisions of the Contract including the General and Supplemental Conditions and General Requirements apply to the work in this section. Before submitting a bid, examine documents of all other trades, visit the site and get acquainted with all conditions that may in any way affect the execution of this contract. Contractor shall obtain and pay for all permits, certificates of inspection and approvals required.
Submittal of a bid indicates that the contractor has examined the drawings, specifications, and had an opportunity to visit the site to be able to provide a comprehensive complete bid to include providing all materials, labor, tools, and equipment required to provide complete plumbing systems as outlined in Division-22.
Clearly state all full load amps (FLA), voltages and model numbers on all submittals.
Include rated capacities, operating characteristics, electrical characteristics, and furnished specialties and accessories. Provide wiring diagrams: For power, signal, and control wiring.
APPLICABLE STANDARDS
The installation of all plumbing work shall conform to all the following, but not limited, applicable local and municipal utility standards, rules and regulations, plumbing codes and statutes having jurisdiction.
All plumbing fixtures, equipment, accessories, and appurtenances shall be NSF/ANSI 61-372 compliant.
New York State Building Code;
New York State Plumbing Code;
American Society for Test Materials (ASTM);
National Sanitation Foundation (NSF);
American Standards Association (ASA);
Underwriters Laboratories (UL);
National Fire Protection Association (NFPA);
National Electric Code (NEC);
PLANS AND SPECIFICATIONS
Obtain the latest design and construction standards document(s). Comply with all owner-specific requirements in addition to requirements set forth in these specifications and accompanying drawings. Should there be a conflict, the owner's standards shall take precedence, unless prevailing codes and regulations mandate otherwise.
The drawings that accompany these specifications are diagrammatic. Wherever possible make use of submittal data and verify all dimensions on site. Provide additional fittings as required by site conditions and codes at no additional cost to conform to the structure, avoid obstructions, provide required service clearances and preserve headroom. Do not scale from drawings, all measurements should be taken in the field.
EXISTING CONDITIONS
Where new plumbing systems are required to be connected to existing plumbing systems, provide all camera scoping and dye testing necessary to verify the exact location, size, invert elevation, pressure, pipe integrity, and system type to ensure a proper connection is executed. The contractor shall notify the engineer immediately if it is found a proper connection cannot be executed.
CUTTING, PATCHING AND DEMOLITION
The contractor shall be responsible for damages to the grounds, walks, road, building, piping systems, electrical systems, and their equipment and contents, caused by leaks in the piping systems being installed or having been installed by him. The contractor shall repair at his expense all damaged so caused. All repair work shall be done as directed by and in such manner as satisfactory to the architect.
Owner reserves the right to make emergency repairs as required to keep equipment in operation without voiding the contractor's guarantee bond nor relieving the contractor of his responsibilities during the bonding period.
Cut and drill all openings in roofs, walls, and floors required for the installation. Neatly patch all openings cut. Hold cutting and patching to a minimum by arranging with other contractors for all sleeves and openings before construction is started. When drilling/cutting concrete slabs, utilize ground penetrating radar (GPR) and/or X-ray scanning equipment to verify the location is free from obstructions, including but not limited to: structural rebar/strands/tendons, electrical conduit/wiring, and/or piping/ductwork.
EXCAVATION AND BACKFILL
Perform all excavation and backfilling required for this work. Contractor shall consult with utility company prior to beginning excavation. At a minimum, all piping shall be laid on a bed of sand, 6" deep, well tamped into place and properly graded to permit the pipe to have an even bearing throughout its entire length. Sand shall be installed around the piping in 6" lifts to a point 6" above the piping.
INTERRUPTION OF EXISTING SERVICES
Interruption of Existing Plumbing Services: Do not interrupt service to facilities occupied by Owner or others unless permitted under the following conditions and then only after arranging to provide temporary service according to requirements indicated:
Notify, Architect, Construction Manager, and Owner no fewer than seven days in advance of proposed interruption of service.
Do not proceed with interruption of service without Architect's written permission.
DELEGATED DESIGN
For equipment supports, this contractor shall retain a qualified professional engineer to provide support calculations of static and dynamic loading due to operating equipment weight. The signed and sealed calculations and details shall be submitted by the retained professional engineer.
WARRANTY
This contractor shall warrant that all work under this section shall be free of defective work, materials and parts for a period of one year after acceptance of the work and shall repair, revise, and replace, at no cost to the owner, any such defects occurring within the warranty period.
Use of Electronic Drawings from the Owner's Design Team
If expressly permitted by the Owner and the terms of the Contract, editable electronic drawings may be made available for the creation of shop and as-built drawings upon request. Drawings will be made available at the discretion of the Engineer. "Request Drawings" form can be accessed, filled out and submitted at http://www.klhengrs.com (right hand side of page - Contractor Resources). Direct access to this form can be found here: http://files.klhengrs.com/requestdrawings.html

22 05 03.00 - SUBMITTALS FOR PLUMBING
Provide submittals in accordance with the Contract Documents. In addition to Division 01, the Contractor is advised to review and comply with the requirements articulated within each Division and within each section of that Division.
Some Divisions may include a division-specific "Submittal Requirements for …." section. Where this section exists, it articulates additional requirements for submittals that apply to the work of that Division.
The following requirements help to identify, track and keep the project organized for all parties involved. They are necessary to ensure a timely turnaround and an appropriate technical review. Submittals that do not conform to the administrative requirements are rejected and returned, without technical review.
Supply submittals for each section: Submittals shall be supplied on a section-by-section and type-by-type basis. For example, independent product data submittals shall be furnished for each section that requires product data submittals. Independent shop drawing submittals shall be furnished for each section that requires shop drawings. Separate PDF file packages shall be supplied for each section, for each submittal type. Each PDF shall represent a single standalone submittal.
Include a transmittal: Transmittals shall enumerate each submittal for each section of each type and iteration.
Include cover sheet / title page: The cover sheet shall include the information identified in the contract documents. It shall be included as the first page of each electronic and/or hardcopy document-based submittal. An editable and printable PDF form created with editable fields and specification compliant appearance is available from KLH upon request. It is also downloadable from the KLH website at www.klhengrs.com.
Include an index: The index shall enumerate the contents of the submittal.
Include checklists: Where checklists are included with the specifications, complete and include them within the appropriate submittal. Supply complete submittals: Complete submittals of each type are required. Partial submittals will be rejected. Where a section requires a product data submittal, all product data for that section shall be supplied together, at one time, as one complete submittal. When resubmittal is required (e.g. Revise and Resubmit) the revised submittal shall be more complete, more accurate and more contract-compliant than its rejected predecessor. The submittal number (for each section and type) shall increment for each subsequent submittal (00 – Original submission, 01 – First Resubmission, 02 – Second Resubmission, etc…).
Resubmittals shall include a copy of the reviewers comments supplied with the prior submittal rejection and shall be amended with a description of the specific action taken to comply with the reviewer's comments. The absence of this on resubmittal is cause for rejection.
Name electronic files to match the submittal ID and cover sheet: The electronic file name of submittals shall match the submittal ID included on the submittals cover page.
For example: The original/first product data submittal for Section 220523 would be labeled as "220523.00-PD-00"; the first resubmittal of same shall be labeled "220523.00-PD-01". The original/first shop drawings submittal file for the same section would be labeled "220523.00-SD-00"; the first resubmittal of same shall be labeled "220523.00-SD-01".
If expressly permitted by the Owner and the terms of the Contract, editable electronic drawings may be made available for the creation of shop and as-built drawings upon request. Drawings will be made available at the discretion of the Engineer.
"Request Drawings" form can be accessed, filled out and submitted at http://www.klhengrs.com (right hand side of page - Contractor Resources). Direct access to this form can be found here:
http://files.klhengrs.com/requestdrawings.html

22 05 17.00 – SLEEVES AND SLEEVE SEALS FOR PLUMBING PIPING

SLEEVES
Steel Pipe: ASTM A 53, Type E, Grade B, Schedule 40, galvanized, plain ends.

EXECUTION
Install steel pipe sleeves two sizes larger than pipes passing through floors, rated walls, building foundation walls or masonry construction. Sleeves are not required for core drilled holes.

For sleeves that will have sleeve-seal systems installed, select sleeves of size large enough to provide 1-inch annular clear space between piping and concrete slabs and walls.

Install sleeves in concrete floors, concrete roof slabs, and concrete walls as new slabs and walls are constructed. Permanent sleeves are not required for holes in slabs formed by molded-PE or -PP sleeves.

Cut sleeves to length for mounting flush with both surfaces.
Exception: Extend sleeves installed in floors of mechanical equipment areas or other wet areas 2 inches above finished floor level.
Using grout, seal the space outside of sleeves in slabs and walls without sleeve-seal system.

Install sleeves for pipes passing through interior partitions.
Cut sleeves to length for mounting flush with both surfaces.
Install sleeves that are large enough to provide 1/4-inch annular clear space between sleeve and pipe or pipe insulation.
Seal annular space between sleeve and piping or piping insulation; use joint sealants appropriate for size, depth, and location of joint.

Seal sleeves and piping with material rating equivalent to the wall rating. Maintain indicated fire rating of walls, partitions, ceilings, and floors at pipe penetrations. Seal pipe penetrations with firestop materials where required.

MECHANICAL SLEEVE-SEAL SYSTEMS
Description: Modular sealing-element unit, designed for field assembly, for filling annular space between piping and sleeve.
Sealing Elements: EPDM-rubber interlocking links shaped to fit surface of pipe. Include type and number required for pipe material and size of pipe.

22 05 23.00 - GENERAL DUTY VALVES
Submittal Requirements
Product Data: For each type of product indicated.
GENERAL
Provide stops or isolation valves on domestic water supplies to isolate hot and cold water to each fixture, including all equipment and equipment provided by others.
Access shall be provided to all valves. Provide fire-rated access panel(s) to maintain full access to concealed valves.
Ball valves - 2 inch and smaller: Lead-Free, 150 psi @ 250ºF minimum pressure rating, cast bronze body, blowout-proof stem.
Butterfly Valves - 3" and up: Ductile Iron Butterfly Valve, 200 WOG, Lug Body, Lever Operator.
Approved Manufacturers: Milwaukee Valve, NIBCO, and Watts Water Technologies Co.
Valves to conform to: MSS-SP-110 Type I/ MSS-SP-67 Type I, NSF/ANSI -61/372.
Check valves - to be same size as system piping it accompanies. Lead-free, bronze body, 250 WOG, non-shock, spring check valve. Conforms to the following standard(s): MSS-SP-80 I, NSF/ANSI -61/372

22 05 29.00 – HANGERS AND SUPPORTS FOR PLUMBING PIPING AND EQUIPMENT
GENERAL
Provide hangers, supports, clamps, attachments, and structural steel members where required to support piping and equipment from building structure.
Support of piping from the decking or equipment is prohibited.
Arrange for grouping of parallel runs of horizontal piping supported together on field-fabricated, heavy-duty trapeze hangers where possible. Trapeze hangers shall conform to: MSS SP-69, Type 59, Horizontal-Piping Clamps:
Provide Carbon- or Alloy-Steel, Double-Bolt Pipe Clamps (MSS Type 3) for suspension of pipes requiring clamp flexibility and up to 4 inches of insulation.
Vertical-Piping Clamps: Provide extension pipe or Riser Clamps (MSS Type 8) for support of pipe risers.
Hangers shall be sized to allow insulation to pass through unobstructed.
Hanger and support types:
Hangers: Provide adjustable, Steel Clevis Hangers (MSS Type 1) for suspension of noninsulated or insulated, stationary pipes.
Horizontal-Piping Clamps: Provide Carbon- or Alloy-Steel, Double-Bolt Pipe Clamps (MSS Type 3) for suspension of pipes requiring clamp flexibility and up to 4 inches of insulation.
Vertical-Piping Clamps: Provide extension pipe or Riser Clamps (MSS Type 8) for support of pipe risers.
Hangers and supports shall be placed at all changes in direction, valves and equipment.
The maximum horizontal spacing of cast-iron pipe hangers can be 10' where 10-foot lengths of pipe are installed.
Piping shall also be supported at each change in direction, valves and equipment.
Clevis-type hangers shall and supports shall conform to: MSS SP-58, Type 1-58.

22 05 53.00 - IDENTIFICATION FOR PLUMBING PIPING AND EQUIPMENT
PIPING
Provide self-adhesive pipe labels with white background and black lettering, contact type with permanent adhesive backing. Include identification of piping service using same designations or abbreviations as used on the drawings and an arrow indicating flow direction.
EQUIPMENT
Provide self-adhesive plastic equipment labels with white background and black lettering, contact type with permanent adhesive backing, 160 degree F temperature. Include equipment's drawing designation and specification section number where equipment is specified.

22 07 19.00 – PLUMBING SYSTEM INSULATION
GENERAL
Insulation shall be listed and labeled per ASTM E 84 for plenum installations employing slip on techniques.
Provide insulation materials, accessories, and finishes with smooth, straight, and even surfaces; free of voids throughout the length of piping including fittings, valves, and specialties.
Surface Preparation: Clean and dry surfaces to receive insulation. Remove materials that will adversely affect insulation application.
PIPING SYSTEMS REQUIRING INSULATION
Insulate domestic cold water piping, associated fittings and valves with flexible elastomeric 1/2" wall thickness insulation.
Insulate domestic hot water piping, associated fittings and valves with 1" thick flexible elastomeric, 1-1/2" thick fiberglass insulation or per local energy code, whichever greater.
Insulate waste piping above ceilings that receive condensate with 1/2" wall thickness insulation.
Insulate exposed sanitary drains, domestic water, domestic hot water, and stops for plumbing fixtures for people with disabilities.
FLEXIBLE ELASTOMERIC INSULATION
Closed-cell, sponge- or expanded-rubber materials.
Comply with ASTM C 534, Type I for tubular materials and Type II for sheet materials.
Adhesives, Sealers, and Protective Finishes: As recommended by insulation manufacturer for applications indicated.
Manufacturers: Subject to compliance with requirements, available products that may be incorporated into the work include, and are limited to, the following:
Aeroflex USA, Inc.; Aerocel., Armacell LLC; AP Armaflex.,K-Flex USA;
FIBERGLASS INSULATION
Fiberglass piping insulation: ASTM C 547, Class 1
Encase pipe fittings insulation with one-piece pre-molded PVC fitting covers.
Vapor Barrier Material: Paper-backed aluminum foil, except as otherwise indicated, strength and permeability rating equivalent to adjoining pipe insulation jacketing.
Staples, Bands, Wires, and Cement: As recommended by insulation manufacturer for applications indicated.
Adhesives, Sealers, and Protective Finishes: As recommended by insulation manufacturer for applications indicated.
Manufacturers: Subject to compliance with requirements, available products that may be incorporated into the work include, and are limited to, the following:
Armstrong World Industries, Inc., Owens-Corning Fiberglass Corp., Johns Manville.
ADHESIVES
Materials shall be compatible with insulation materials, jackets, and substrates and for bonding insulation to itself and to surfaces to be insulated, unless otherwise indicated.
Insulation for handicap accessible fixtures
All handicap lavatory p-trap and angle stop assemblies shall be insulated with trap wrap protective kit manufactured by Proflo model PF202WH or equal.
Abrasion resistant, anti-microbial vinyl exterior cover shall be smooth. For traps, the insulation shall have a cleanout nut cap to allow service to the trap without disassembly. For stops, the insulation shall have a lock lid that prevents tampering but allows access without removal of the insulation. Fasteners shall remain substantially out of sight.
Manufacturers: subject to compliance with requirements: Proflo, Truebro, Plumberex

22 11 16.00 – DOMESTIC WATER PIPING
Submittal Requirements
Product Data: For each type of product indicated.
GENERAL
Install piping concealed from view unless noted otherwise, free of sags and bends. Do not enclose, cover, or put piping into service until it has been inspected and approved by authorities having jurisdiction. Clean and disinfect potable domestic water piping using approved procedures by authorities having jurisdiction or AWWA C651, whichever is more rigorous.
Install at right angles; diagonal runs are prohibited unless otherwise shown. Install piping above accessible ceilings to allow sufficient space for ceiling panel removal.
Coordinate all piping with all other trades.
Provide water pressure regulators where necessary to limit the incoming water pressure to 80 psi inside the building.
DOMESTIC WATER PIPING ABOVE GROUND:
Hard copper tube, ASTM B 88, Type L; wrought-copper, solder-joint fittings; and soldered joints.
Solder Filler Metals: ASTM B 32, lead-free alloys.
Flux: ASTM B 813, water flushable.
Type "L"; copper pressure-seal joint; and pressure-seal joint systems.
CATHODIC PROTECTION
Provide dielectric insulation at points where copper or brass pipe comes in contact with ferrous piping, reinforcing steel or other dissimilar metal in structure.

22 11 19.00 – DOMESTIC WATER PIPING SPECIALTIES
Submittal Requirements
Product Data: For each type of product indicated.
Manufacturers: Subject to compliance with requirements, available products that may be incorporated into the work include, and are limited to, the following:
Combraco Industries, Inc., Watts Water Technologies Co., Zurn Industries, LLC., Thermomegatech, Acorn Engineering Co., and Caleffi, N. America., MIFAB, Inc., Precision Plumbing Products, Inc., Sioux Chief Manufacturing Company, Inc., Jay R. Smith Mfg. Co., Provent Systems, Rector Seal.
BALANCING VALVES
Provide balancing valves where required for proper balancing of water systems as shown on the contract documents.
Balancing valves shall be equal to Red-White Valve Corporation model 9517AB (NPT) or model 9519 (solder). Valve shall have brass body, globe valve regulation and isolation properties, fixed orifice design for precise measurement, integral memory stop to ensure repeatable setting, full shutoff without affecting memory settings, high and low pressure metering points, precision indicator windows, rugged top set hand-wheel assembly, pressure rating of 300 psi, and temperature rating of 15 deg. F to 260 deg. F.
TRAP-SEAL PRIMER DEVICE
The plumbing contractor shall provide trap primers for all floor drains. Provide access panel in wall or ceiling for all concealed trap primers. Install trap seal primer valves with outlet piping pitched down toward drain trap a minimum of 1% and connect to floor drain body, trap or inlet fitting. Coordinate exact location with architect prior to installation.
WATER HAMMER ARRESTERS
Provide water-hammer arresters in water piping according to PDI-WH 201.
Standard: ASSE 1010 or PDI-WH 201.
Type I: Metal bellows or copper tube with piston.
Size: ASSE 1010, sizes AA and A through F, or PDI-WH 201, sizes a through F.

22 11 23.00 – RECIRCULATION DOMESTIC WATER PUMP
Submittal Requirements
Product Data: For each type of product indicated.
GENERAL
Hot-water circulating pump shall be constructed of the following: in-line wet-rotor, lead-free bronze body, plastic impeller, with ceramic bearings. Working pressure to be a minimum 125 psig with a maximum continuous operating temperature of 220º F.
Pump shall be controlled with an aquastat and timer.
Aquastat: Electric; surface mounted sensing element. Adjustable temperature control of hot-water circulation from 65 to 200 ºF.
Timer: Electric; for control of hot-water circulation. Programmable type, seven-day, twenty-four hour clock with manual override on-off switch. Programmable for pre-set times during the day for each day for seven days.
Approved Manufacturers: Bell & Gossett/Goulds Water Technology; Xylem Inc., Taco inc., Honeywell International inc.
Pumps shall conform to: UL 778, NSF 61/372.
CONNECTIONS
On water heating systems with separate storage tanks, interlock pump between water heater(s) and hot-water storage tank(s) with water heater burner and time-delay relay.

22 13 16.00 - SANITARY, WASTE AND VENT PIPING SYSTEM
Submittal Requirements
Product Data: For each type of product indicated.
GENERAL
Provide a complete soil, waste and vent system in the building and on the site as indicated on the drawings and as specified herein.
Above ground soil, waste and vent piping within buildings including soil stacks, vent stacks, horizontal branches, traps, and connections to fixtures and drains.
Underground building drain piping including mains, branches, traps, connections to fixtures and drains, and connections to stacks, terminating at connection to existing sanitary sewer.
INTERIOR PIPING ABOVE GRADE
No-Hub cast iron soil, waste, and vent piping and fittings 1-1/2" and larger shall conform to ASTM A-888. Pipe couplings shall conform to ASTM C 1277 and CISPI 310.
Piping alignment shall be as indicated on the drawings using approved wye branches or eight bands for direction changes and shall be surely supported or secured to maintain such alignment.
Soil, waste and vent piping smaller than 1-1/2" shall be Type "M" copper and conform to ASTM B-306.
BELOW GRADE PIPING
Hub and Spigot cast iron soil, waste, and vent piping and fittings 2" and larger shall conform to ASTM A-74 with ASTM C-564 gasketed joints.
Piping alignment shall be as indicated on the drawings using approved wye branches or eight bands for direction changes and shall be surely set and buried to maintain such alignment.
Soil, waste and vent piping smaller 1-1/2" and smaller below grade shall not be permitted
Slope piping according to local codes.
Protection shall be given to all footings and other structural elements during underground work adjacent to such items. Refer to architectural and/or structural drawings for locations.
Vent all fixtures, connect branch vents to main vent risers at least six inches above flood rim of fixtures. Pitch vent lines back to soil or waste pipe, free of drops and sags.
Cleanouts shall be full size of pipe up to 4", and 4" for larger sizes. For underground and concealed lines, provide cleanouts in accessible positions at each right angle turn and at intervals not to exceed fifty feet. In floors, install flush with finish floor with extension pipe from cleanout wye.

22 13 19.00 - SANITARY WASTE PIPING SPECIALTIES
Submittal Requirements
Product Data: For each type of product indicated.
CLEANOUTS
Floor cleanout equal to Zurn Z-1400 adjustable floor cleanout.
Provide a sanitary tee with threaded cap cleanout plug for changes-in-direction in aboveground horizontal waste piping.
Manufacturers: Subject to compliance with requirements, available products that may be incorporated into the work include, and are limited to, the following:
Jay R Smith MFG. Co., Watts Drainage Products Inc., Zurn Plumbing Products Group.
FLOOR DRAINS
Provide floor drains in compliance with ASME A112.6.3.
Provide floor drains with trap-seal primer fitting. All floor drains located in rooms with tile floors shall be provided with manufacturer's standard square grate, unless noted otherwise.
Refer to plumbing drain schedule for project specific floor drain manufacturers and models.
Manufacturers: Subject to compliance with requirements, available products that may be incorporated into the work include, and are limited to, the following:
Jay R Smith MFG. Co., Watts Drainage Products Inc., Zurn Plumbing Products Group.
FLOOR SINKS
Provide floor sinks in compliance with ASME A112.6.7. All floor sinks shall have a cast iron body unless noted otherwise. All floor sinks located in a commercial kitchen to have a half grate cover unless noted otherwise.
Refer to plumbing drain schedule for project specific floor drain manufacturers and models.
Manufacturers: Subject to compliance with requirements, available products that may be incorporated into the work include, and are limited to, the following:
Jay R Smith MFG. Co., Watts Drainage Products Inc., Zurn Plumbing Products Group.

22 30 01.00 - POINT OF USE THERMOSTATIC MIXING VALVES
Submittal Requirements
Product Data: For each type of product indicated.
GENERAL
Thermostatic mixing valves shall be provided for all public hand washing sinks and lavatories and shall be ASSE 1070 listed, lead free, sweat connections, 125 psi operating pressure and have integral checks. Mount under sink or lavatory. Set outlet temperature of thermostatic mixing valve to 105 degrees F.
Point-of use thermostatic mixing valves shall be equal to Powers LFG480. Route tempered water to hot water side of sink and lavatories.
Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the work include, and are limited to, the following:
Symmons, Acorn Engineering, Powers, Bradley

22 40 00.00 - PLUMBING FIXTURES
Submittal Requirements
Product Data: For each type of product indicated.
GENERAL
Refer to plumbing fixture schedule and install per the manufacturer's installation and operation manual.
Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the work include, and are limited to, the following:
American Standard, Kohler Co., Zurn Industries, LLC.

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PROJECT NAME: BRIARCLIFF MANOR, NY
PROJECT ADDRESS: 107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #:	09369
PROJECT #:	26336-078
ISSUE DATE:	12-22-2023
DESIGN MANAGER:	ANNIE SONG
ENGINEER OF RECORD:	KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
PLUMBING OUTLINE SPECIFICATIONS
SCALE: AS SHOWN

SHEET NUMBER:
P003

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KEYED NOTES

P02 CONNECT NEW DOMESTIC WATER PIPING TO EXISTING DOMESTIC WATER PIPING. EXISTING DOMESTIC WATER PIPING TO BE EQUAL OR LARGER IN SIZE THAN NEW PIPE. VERIFY EXISTING SYSTEM TYPE, PIPE SIZE, PIPE LOCATION & WATER PRESSURE PRIOR TO MAKING CONNECTIONS. IF THE CONDITIONS IN THE FIELD ARE DIFFERENT THAN WHAT IS SHOWN ON THE DRAWINGS, NOTIFY ENGINEER OF RECORD IMMEDIATELY.

P04 EXTEND AND CONNECT NEW HOT WATER RECIRCULATION PIPING BACK EXISTING HOT WATER HEATER INLET PIPING. REFER TO DETAIL ON SHEET P503 FOR FURTHER INFORMATION.

P14 PROVIDE ASSE 1070 COMPLIANT THERMOSTATIC MIXING VALVE.

P19 CW & FW PIPING BELOW FLOOR TO ISLAND FIXTURES.

GENERAL NOTES

A. FURNISH AND INSTALL A COMPLETE AND OPERATING SYSTEM. ALL ITEMS ARE NOT NECESSARILY SHOWN.

B. PLUMBING CONTRACTOR RESPONSIBLE FOR SITE INVESTIGATION PRIOR TO START OF WORK TO REVEAL FULL SCOPE OF WORK.

c. ALL PLUMBING LINES TO BE ROUTED SUCH THAT THEY ARE NOT VISIBLE TO CUSTOMERS EXCEPT WHERE FIRST APPROVED BY STARBUCKS AT EXPOSED CEILING AREAS.

D. REFER TO MANUFACTURER SPECIFICATIONS FOR LOCATION OF CONNECTIONS UNLESS OTHERWISE NOTED.

E. COORDINATE WITH ELECTRICAL CONTRACTOR FOR POWER CONNECTION TO ALL PLUMBING EQUIPMENT.

F. REFERENCE WORKLETTER FOR DIVISION OF PLUMBING SCOPE OF WORK AND COORDINATE WITH STARBUCKS CONSTRUCTION MANAGER.

G. DIMENSIONS ARE TO FINISH FACE UNLESS OTHERWISE NOTED.

H. REFER TO DETAIL SHEETS FOR PLUMBING FITTINGS LOCATED IN CASEWORK.

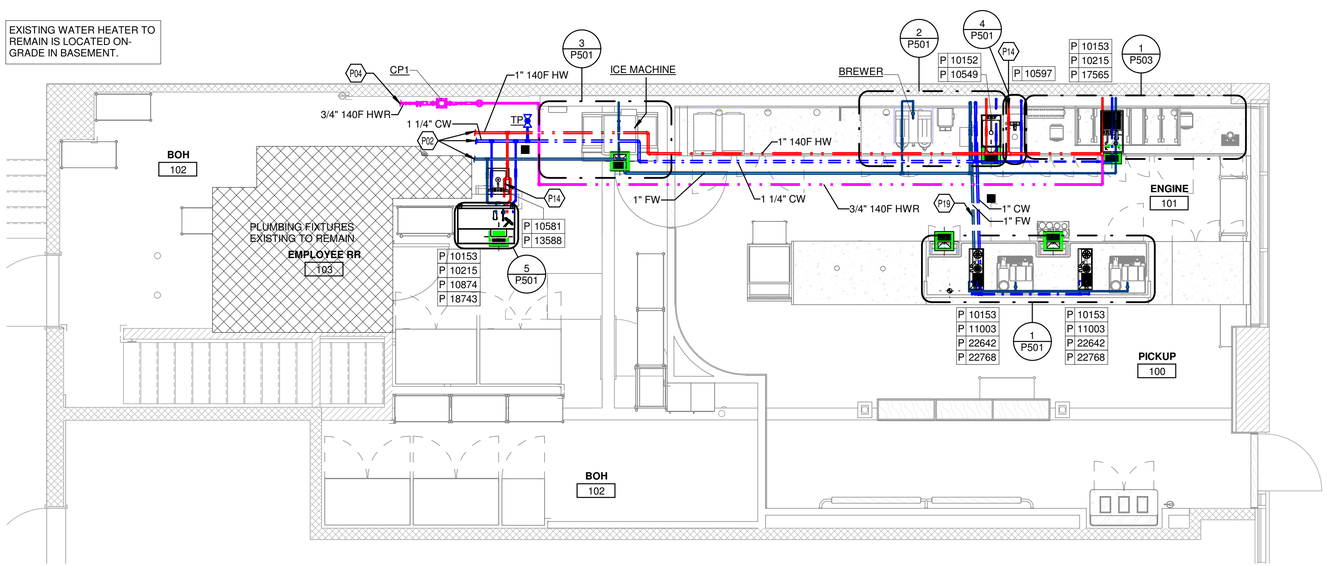
I. COLD WATER SUPPLY LINES INSIDE CASEWORK AND BAR AREA TO BE COVERED WITH 1/2" (10MM) THICK SELF SEALING, SECTIONAL CLOSED-CELL FOAM INSULATION. REFER TO SPECIFICATIONS FOR HOT WATER SUPPLY LINE INSULATION REQUIREMENTS.

J. INSULATE ALL PIPING INCLUDING PIPES AT BAR AND IN CASEWORK PER THE REQUIREMENTS LISTED IN THE PROJECT MANUAL.

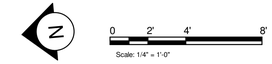
K. GENERAL CONTRACTOR SHALL CONTACT WATER FILTRATION SUPPLIER TO COORDINATE SOW AND SCHEDULE PRIOR TO INSTALLATION OF WATER FILTRATION SYSTEM.

PLUMBING PIPING LEGEND

- DOMESTIC COLD WATER PIPING
- DOMESTIC HOT WATER PIPING (140)
- DOMESTIC HOT WATER RETURN PIPING (140)
- FILTERED WATER PIPING



1 PLUMBING SUPPLY PLAN
1/4" = 1'-0"



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PROJECT NAME: BRIARCLIFF MANOR, NY

PROJECT ADDRESS: 107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #:	09369
PROJECT #:	26336-078
ISSUE DATE:	12-22-2023
DESIGN MANAGER:	ANNIE SONG
ENGINEER OF RECORD:	KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
PLUMBING SUPPLY PLAN
SCALE: AS SHOWN

SHEET NUMBER:
P101

12/15/2023 9:53:06 AM C:\Users\skelly\Documents\Revit\26080.00-23-MEP-SBX - Briarcliff Manor, Briarcliff, NY_skelly.rvt

KEYED NOTES

P01 CONNECT NEW WASTE PIPING TO EXISTING WASTE PIPING BELOW FLOOR. EXISTING WASTE PIPING TO BE EQUAL OR LARGER IN SIZE. VERIFY EXISTING SYSTEM TYPE, PIPE SIZE, PIPE INVERT & PIPE LOCATION PRIOR TO MAKING CONNECTIONS. IF THE CONDITIONS IN THE FIELD ARE DIFFERENT THAN WHAT IS SHOWN ON THE DRAWINGS, NOTIFY ENGINEER OF RECORD IMMEDIATELY.

P03 CONNECT NEW VENT PIPING TO EXISTING VENT PIPING. EXISTING VENT PIPING TO BE EQUAL OR LARGER IN SIZE THAN NEW PIPE. VERIFY EXISTING SYSTEM TYPE, PIPE SIZE & PIPE LOCATION PRIOR TO MAKING CONNECTIONS. IF THE CONDITIONS IN THE FIELD ARE DIFFERENT THAN WHAT IS SHOWN ON THE DRAWINGS, NOTIFY ENGINEER OF RECORD IMMEDIATELY.

GENERAL NOTES

A. ALL PLUMBING LINES TO BE ROUTED SUCH THAT THEY ARE NOT VISIBLE TO CUSTOMERS EXCEPT WHERE FIRST APPROVED BY STARBUCKS AT EXPOSED CEILING AREAS.

B. REFER TO MANUFACTURER SPECIFICATIONS FOR LOCATION OF CONNECTIONS UNLESS OTHERWISE NOTED.

C. COORDINATE WITH ELECTRICAL CONTRACTOR FOR POWER CONNECTION TO ALL PLUMBING EQUIPMENT.

D. DIMENSIONS ARE TO FINISH FACE UNLESS OTHERWISE NOTED.

E. REFER TO DETAIL SHEETS FOR PLUMBING FITTINGS LOCATED IN CASEWORK.

F. WHEN BUNDLING SEVERAL INDIRECT WASTE LINES TO DRAIN INTO A FLOOR SINK, A UNISTRUT IS REQUIRED FOR SECURING AND BRACING ALL LINES ABOVE THE DRAIN.

G. FURNISH & INSTALL ALL NEEDED INDIRECT DRAINS PER CODE (NOT ALL SHOWN). INSTALL DRAINS AT 2% SLOPE WHERE POSSIBLE WITHOUT DIPS OR SAGS. ALL INDIRECT DRAINS SHALL RUN SEPARATELY FROM EACH OTHER TO INDIRECT DRAIN RECEPTOR AND SHALL TERMINATE WITH AN AIR GAP PER CODE.

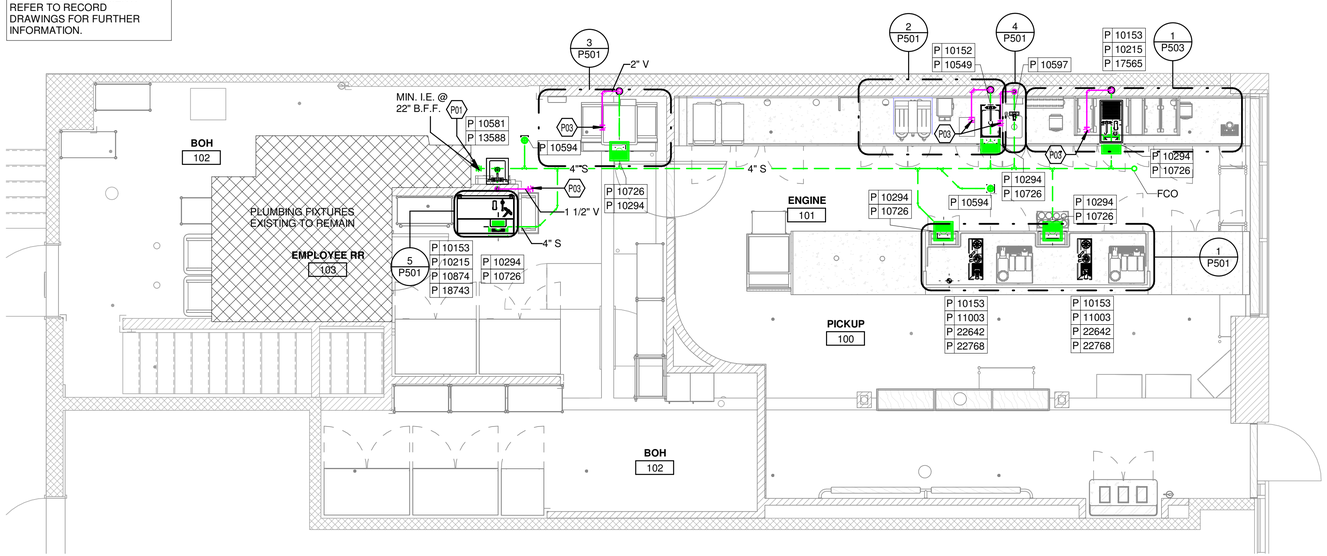
H. FURNISH & INSTALL WALL CLEANOUTS AT ALL SINKS AND AS NEEDED AND PER CODE (NOT ALL SHOWN).

I. INSULATE ICE BIN DRAINAGE PIPES PER THE REQUIREMENTS ON THE PROJECT MANUAL.

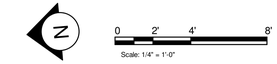
PLUMBING PIPING LEGEND

— — — — —	SANITARY WASTE PIPING
————	VENT PIPING

EXISTING TO REMAIN GREASE INTERCEPTOR IS LOCATED ON-GRADE IN BASEMENT. REFER TO RECORD DRAWINGS FOR FURTHER INFORMATION.



1 PLUMBING WASTE AND VENT PLAN
1/4" = 1'-0"



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PROJECT NAME: BRIARCLIFF MANOR, NY

PROJECT ADDRESS: 107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #:	09369
PROJECT #:	26336-078
ISSUE DATE:	12-22-2023
DESIGN MANAGER:	ANNIE SONG
ENGINEER OF RECORD:	KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
PLUMBING WASTE AND VENT PLAN
SCALE: AS SHOWN

SHEET NUMBER:
P102

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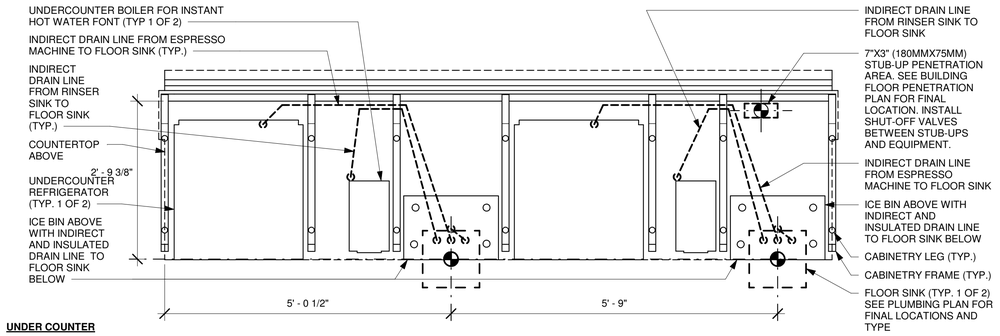
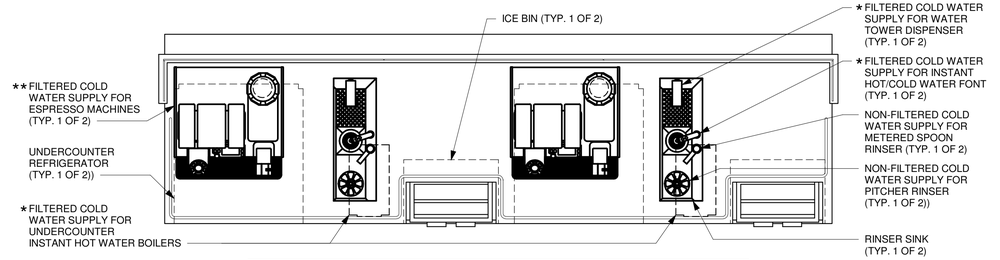


UNDER COUNTER



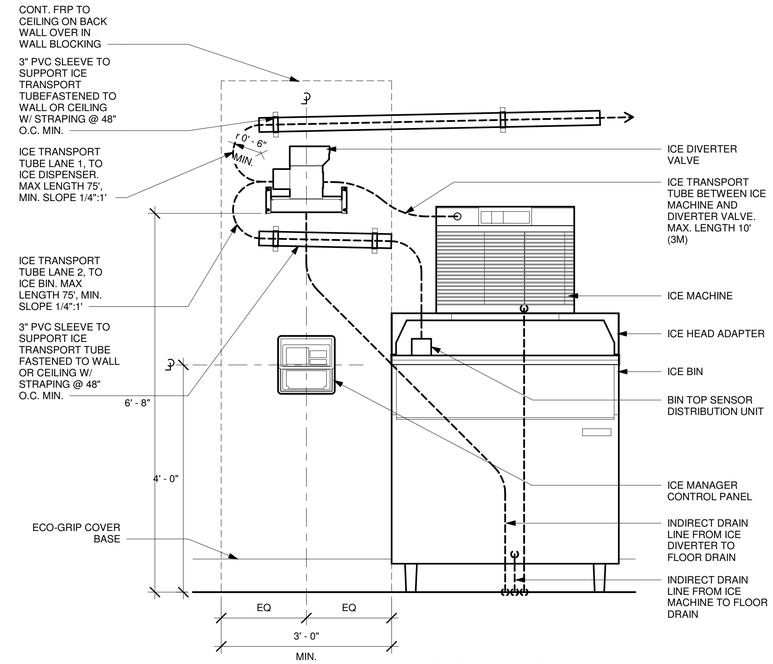
ABOVE COUNTER

ADAPTABLE CASEWORK DETAIL

★PROVIDE WATER HAMMER ARRESTOR PRIOR TO SHUT-OFF VALVE AND FLEX HOSE CONNECTION

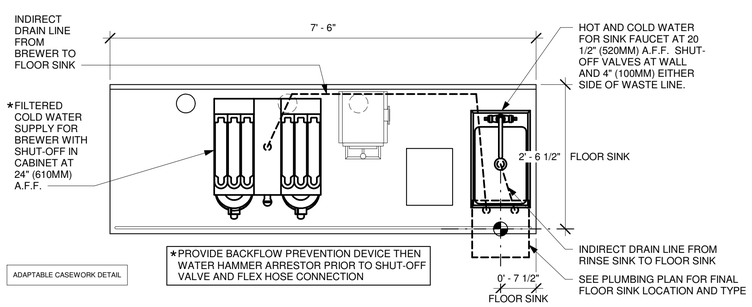
★★PROVIDE BACKFLOW PREVENTION DEVICE BEFORE PUMP AND WATER HAMMER ARRESTOR PRIOR TO SHUT-OFF VALVE AND FLEX HOSE

1 ESP 04-02 PLUMBING
3/4" = 1'-0"



ELEVATION - PLUMBING DIAGRAM

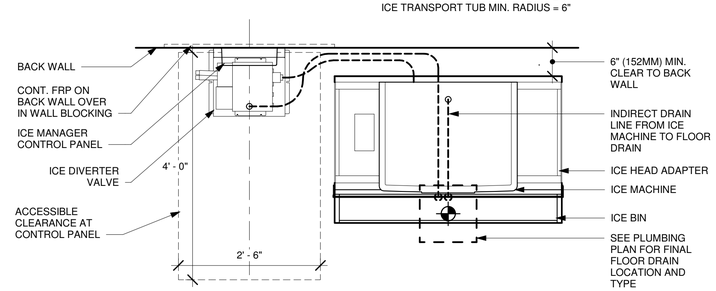
NOTE:
INDIRECT DRAIN MIN. RADIUS = 8"
ICE TRANSPORT TUB MIN. RADIUS = 6"



ADAPTABLE CASEWORK DETAIL

★PROVIDE BACKFLOW PREVENTION DEVICE THEN WATER HAMMER ARRESTOR PRIOR TO SHUT-OFF VALVE AND FLEX HOSE CONNECTION

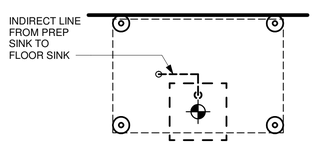
2 BRW 09-01 PLUMBING
3/4" = 1'-0"



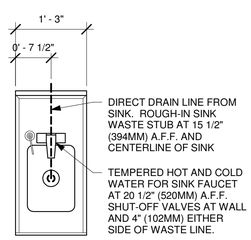
PLAN - PLUMBING DIAGRAM

NOTE:
INDIRECT DRAIN MIN. RADIUS = 8"
ICE TRANSPORT TUB MIN. RADIUS = 6"

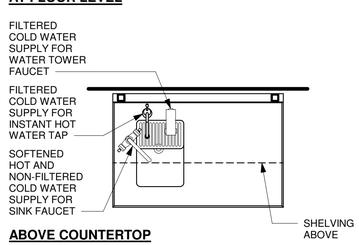
3 PLUMBING - NUGGET ICE - PEDESTAL SIDE
3/4" = 1'-0"



AT FLOOR LEVEL



4 ADD 02-01 PLUMBING
3/4" = 1'-0"



ABOVE COUNTERTOP

5 WATER FILLING STATION - PLUMBING
3/4" = 1'-0"

0 1' 2' 3'
Scale: 3/4" = 1'-0"

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ISSUE DATE:	12-22-2023
DESIGN MANAGER:	ANNIE SONG
ENGINEER OF RECORD:	KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
PLUMBING DETAILS

SCALE: AS SHOWN

SHEET NUMBER:
P501

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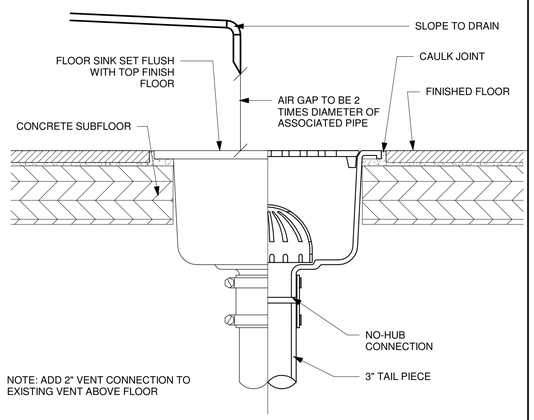
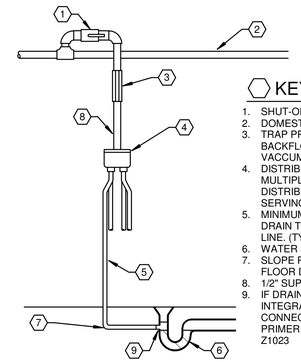


FLOOR SINK DETAIL

SCALE: NONE



KEYED NOTES:

1. SHUT-OFF VALVE.
2. DOMESTIC COLD WATER LINE.
3. TRAP PRIMER VALVE WITH BACKFLOW PREVENTER AND VACCUM BREAK.
4. DISTRIBUTION UNIT FOR MULTIPLE FLOOR DRAINS. (OMIT DISTRIBUTION UNIT WHEN SERVING SINGLE DRAIN.)
5. MINIMUM 1/2" COPPER FLOOR DRAIN TRAP MAKE-UP WATER LINE. (TYPICAL)
6. WATER SEAL.
7. SLOPE PIPING BELOW SLAB TO FLOOR DRAIN.
8. 1/2" SUPPLY SIZE.
9. IF DRAIN DOES NOT HAVE INTEGRAL TRAP PRIMER CONNECTION, PROVIDE TRAP PRIMER FITTING EQUAL TO ZURN Z1023

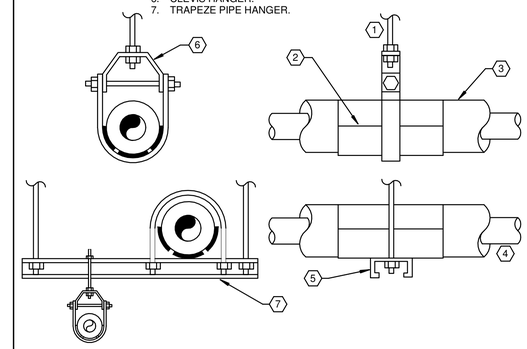
NOTE: TRAP PRIMER LINE SHALL NOT EXCEED 20 FT.

221119.00-07 - TRAP PRIMER DETAIL

SCALE: NONE

KEYED NOTES:

1. HANGER ROD.
2. GALVANIZED STEEL PIPE SHIELD AND 360° CALCIUM SILICATE INSULATION HANGER SUPPORT.
3. PIPE INSULATION.
4. PIPE.
5. UNISTRUT CHANNEL.
6. CLEVIS HANGER.
7. TRAPEZE PIPE HANGER.

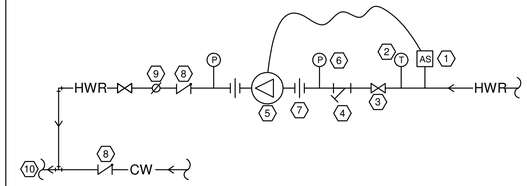


220529.00-01 - PLUMBING PIPE HANGER INSTALLATION

SCALE: NONE

KEYED NOTES:

1. AQUASTAT WIRED TO START CIRCULATING PUMP WHEN LINE WATER TEMPERATURE DROPS 10°F BELOW DESIRED HOTWATER LOOP TEMPERATURE. AQUASTAT/THERMAL WELL SHALL HAVE ADJUSTABLE TEMPERATURE RANGE OF 50°F-160°F.
2. TEMPERATURE GAUGE AND SNUBBER. **CRITICAL TO INSTALLATION**.
3. BALL VALVE (TYPICAL).
4. WYE STRAINER
5. HOT WATER RECIRCULATION PUMP.
6. PRESSURE GAUGE AND SNUBBER (TYPICAL) **CRITICAL TO INSTALLATION**.
7. UNION (TYPICAL).
8. CHECK VALVE.
9. BALANCING VALVE.
10. RETURN LINE TO HOT WATER SUPPLY SYSTEM.

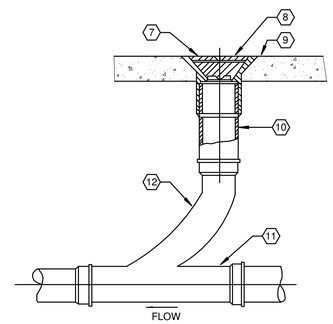


221123.00-01 - HOT WATER RECIRCULATION PUMP

SCALE: NONE

KEYED NOTES:

1. CLEANOUT RATED FOR EXPECTED WHEEL LOADING REFER TO SPECIFICATIONS AND PLANS FOR TYPE AND LOCATIONS.
2. TOP FLUSH WITH FINISHED FLOOR.
3. FINISHED FLOOR LEVEL.
4. FULL PIPE SIZE EXTENSION UP TO 6" LENGTH AS REQUIRED, PROVIDE SAME SIZE AS LINE SERVED UP TO 6".
5. COMBINATION WYE AND 1/8" BEND OR AS CODE REQUIRED.
6. LONG SWEEP 1/4" BEND.



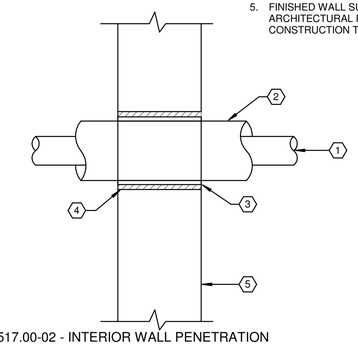
INTERIOR FLOOR CLEANOUT

221313.00-01 - FLOOR CLEANOUTS

SCALE: NONE

KEYED NOTES:

1. NON-COMBUSTIBLE PIPE.
2. PIPE INSULATION TO BE CONTINUOUS THROUGH WALL.
3. FLEXIBLE SEALANT OR FIRE RATED SEALANT FOR FIRE RATED PENETRATIONS.
4. SCHEDULE 40 STEEL PIPE SLEEVE TO BE 1" LARGER THAN THE OUTSIDE SURFACE OF PIPE INSULATION AND FLUSH TO WALL SURFACE. DO NOT SUPPORT PIPING WITH SLEEVE.
5. FINISHED WALL SURFACE. REFER TO ARCHITECTURAL PLANS FOR WALL CONSTRUCTION TYPE.



220517.00-02 - INTERIOR WALL PENETRATION

SCALE: NONE

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Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
PLUMBING DETAILS

SCALE: AS SHOWN

SHEET NUMBER:
P502

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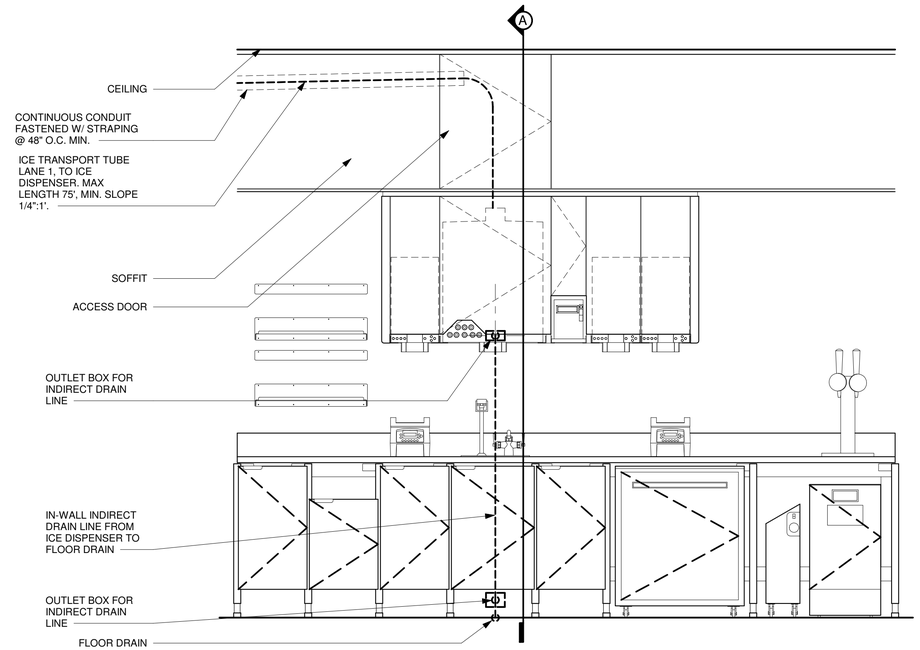
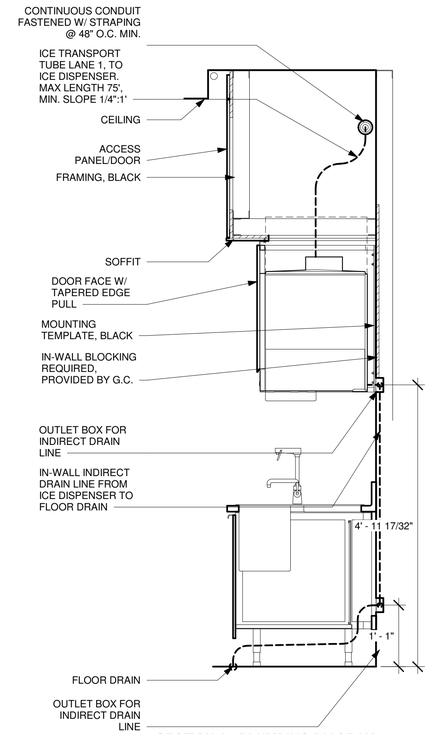
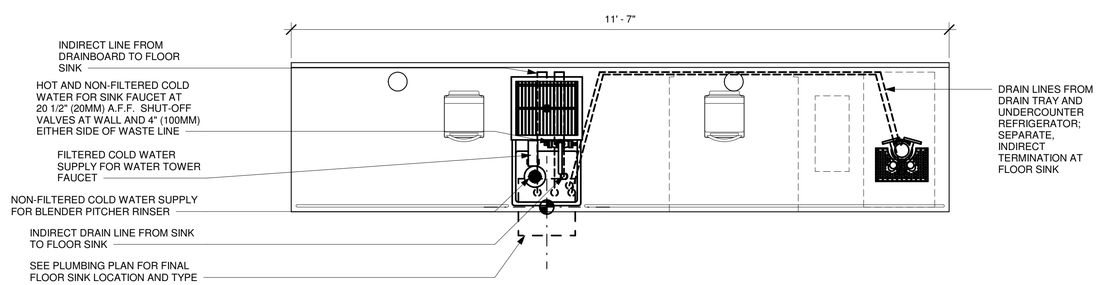


ELEVATION - PLUMBING DIAGRAM



SECTION A - PLUMBING DIAGRAM



ADAPTABLE CASEWORK DETAIL

1 CBE 16-01 PLUMBING
3/4" = 1'-0"

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Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
PLUMBING DETAILS

SCALE: AS SHOWN

SHEET NUMBER:
P503

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PLUMBING ELECTRICAL COORDINATION SCHEDULE

ABBREVIATIONS

DC	LOCAL DISCONNECT
MC	MOTOR CONTROL (POWER)
SD	DUCT SMOKE DETECTOR
CN	CONTROLS
TS	TOGGLE SWITCH
C/B	H.A.C.R. CIRCUIT BREAKER AT SOURCE PANELBOARD
FUSE	FUSE AT LOCAL DISCONNECT (VERIFY FIELD RATING)
FLA	OPERATING FULL LOAD AMPS
MCA	MINIMUM CIRCUIT AMPACITY
CP	CORD AND PLUG CONNECTION
[BLANK]	HARD WIRED (WHEN INDICATED FOR DC TYPE)

CONTRACTOR TYPE

EC	ELECTRICAL CONTRACTOR
EX	EXISTING
FC	FIRE PROTECTION CONTRACTOR
GC	GENERAL CONTRACTOR
HC	HVAC CONTRACTOR
MFR	MANUFACTURER
PC	PLUMBING CONTRACTOR
OR	OWNER OR OTHERS

MOTOR CONTROL TYPE

CS	COMBINATION STARTER
MCC	MOTOR CONTROL STARTER
MG	MAGNETIC STARTER OR CONTACT
MS	MANUAL STARTER
VFD	VARIABLE FREQUENCY DRIVE
MSR	MANUAL STARTER W/ CONTROL RELAY
OV	OVERCURRENT PROTECTION

CONTROL TYPE

TC	TIMECLOCK
CPT	CONTROL POWER TRANSFORMER
BAS	BUILDING AUTOMATION SYSTEM
LOW	LOW VOLTAGE CONTROLS
LINE	LINE VOLTAGE CONTROLS
RLINE	REVERSE ACTING LINE VOLTAGE THERMOSTAT
MAN	MANUAL
FA	FIRE ALARM
CO	CARBON MONOXIDE SENSOR
INT	INTEGRAL TO EQUIPMENT
ASD	AREA SMOKE DETECTOR
DSD	DUCT SMOKE DETECTOR

SHORT CIRCUIT RATING

WHERE SHORT CIRCUIT RATING CODE REQUIRED VALUE INDICATES "YES" APPLICABLE EQUIPMENT'S SHORT CIRCUIT RATING SHALL EXCEED THE AVAILABLE FAULT CURRENT VALUE INDICATED.

EQUIPMENT MARK	DESCRIPTION	VOLTAGE	PHASE	EMERGENCY	HP	WATTS	HTG KW	FLA	MCA	OCP	FED FROM	DC FURN	DC INST	DC WIRE	MC TYPE	MC FURN	MC INST	MC WIRE	CN TYPE	CN FURN	CN INST	CN WIRE	FA SHUTDOWN	SHORT CIRCUIT RATING CODE REQUIRED?	AVAILABLE FAULT CURRENT
CP1	DOMESTIC HOT WATER CIRCULATION PUMP	120 V	1		0.04			0.76				EC	EC	EC	MG	MFR	MFR	MFR	LINE	PC	PC	EC		No	2088

PLUMBING PUMP SCHEDULE

Equipment shall be braced and labeled by the equipment manufacturer to withstand the minimum scheduled available fault current value for listed equipment.

MARK	DESCRIPTION	LOCATION	MANUFACTURER	MODEL	WEIGHT (lbs)	FLOW (gpm)	HEAD (ft)	BHP	ACCESSORIES	ELECTRIC CONNECTION SUMMARY	AVAILABLE FAULT CURRENT
CP1	DOMESTIC HOT WATER CIRCULATION PUMP	REFER TO PLANS	TACO	007SF5	4	2	10	1/25	LEAD FREE	CP1 - 120V/1PH, 0.04 HP, 0.76A FLA	2088

PLUMBING FIXTURE SCHEDULE - "P"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
DRAIN					
10294	6	DRAIN - FLOOR SINK SQUARE - 12IN 305MM	SB	GC	ZURN-FD2375-H; REFER TO PENETRATION PLAN FOR FINAL LOCATION
10594	2	DRAIN - FLOOR SINK SQUARE - 5IN 125MM	GC	GC	SMITH-2005Y02-B05NB-P050-B; REFER TO PENETRATION PLAN FOR FINAL LOCATION
10726	6	DRAIN - GRATE HALF SQUARE - 12IN 305MM	SB	GC	ZURN-FD2375-H; REFER TO PENETRATION PLAN FOR FINAL LOCATION
FAUCET					
10152	1	FAUCET - DOUBLE LABORATORY WITH BENT RISER SPOUT	SB	GC	
10153	4	FAUCET - WATER TOWER - 12IN 305MM	SB	GC	
10215	2	FAUCET - DOUBLE LABORATORY WITH SWING SPOUT	SB	GC	
10597	1	FAUCET - SINGLE HANDLE	SB	GC	1.2 GPM VALVE
10874	1	FAUCET - HOT WATER DISPENSER GOOSENECK	SB	GC	
11003	2	FAUCET - METERED	SB	GC	METERING FAUCET
22642	2	FAUCET - INSTANTHOT SYSTEM 2 BUTTON WITH BOILER AND BRACKET	SB	GC	KIT INCLUDES FONT, UNDERCOUNTER BOILER AND BOILER BRACKET FOR SIDE PANEL MOUNTING. BRACKET CAN BE FLOOR MOUNTED USING SET OF (4) STAINLESS STEEL LEGS, ORDERED SEPARATELY THROUGH VENDOR.
SINK					
10549	1	SINK - RINSE DROP IN SST - 12X20IN 305X510MM	SB	GC	
17555	1	SINK - RINSE WITH DRAINBOARD - 15X27IN 380X685MM	SB	GC	
18743	1	SINK - WATER FILLING STATION - 36X24IN 915X610MM	SB	GC	
22768	2	SINK - COUNTERTOP RINSER WITH WATER TOWER - 26X9IN 660X235MM	SB	GC	T&S BRASS AND BRONZE WORKS, INC. MODEL NO. B-3972-01 WASTE DRAIN VALVE W/ LEVER HANDLE, 3-1/2" SINK OPENING, 2" NPT. MALE THREAD, 1-1/2" NPT FEMALE THREAD

RESPONSIBILITY LEGEND

SB-GC	FURNISHED BY STARBUCKS INSTALLED BY GENERAL CONTRACTOR
SB-SB	FURNISHED & INSTALLED BY STARBUCKS
GC-GC	FURNISHED & INSTALLED BY GENERAL CONTRACTOR
LL-LL	FURNISHED & INSTALLED BY LANDLORD

NOTE: ALL RESPONSIBILITIES TO BE CONFIRMED WITH STARBUCKS DESIGN MANAGER PRIOR TO ORDERING/CONSTRUCTION

STARBUCKS OWNER'S PROJECT REQUIREMENTS AND BASIS OF DESIGN

DELIVERED TEMP - See MEP Design Guidelines and Water Supply Matrix		
HOT WATER SYSTEM	140°F	
BREWING	COLD	
HAND SINKS	100-110°F WITHIN 15 SEC.	
PRE-RINSE	100-110°F WITHIN 15 SEC.	
DISHWASHER	COLD	
UTILITY/MOP	110-120°F WITHIN 15 SEC.	
PIPING		
MATERIAL	COPPER OR PEX	
INSULATION	HOT SUPPLY AND RECIRC RETURN	
HOT WATER SYSTEM		
TYPE	50 GAL TANK OR TANKLESS	TANK / TANKLESS
ENERGY SOURCE	GAS PREFERRED WHEN AVAILABLE	GAS / ELECTRIC / HEAT PUMP
EFFICIENCY	96% GAS / 90% ELECTRIC	%
MIXING VALVE		
	140 MAX. DESIGN TEMP TO ACHIEVE FAUCET TEMPS	MIXING VALVE SETPOINT
RECIRCULATION PUMP		
SCHEDULE	CONTINUOUS W/ HOUR OF OPERATION	
WATER EFFICIENCY		
TOILET	1.28 GPF (4.8 LPF) / MANUAL	
URINAL	0.125 GPF / MANUAL	
DIPPERWELL	0.5 GPM / METERED	
PRE-RINSE VALVE	0.67 GPM	
RESTROOM HAND SINK	0.5 GPM (1.9 LPM) / MANUAL	
BACKLINE HAND SINK	0.5 GPM (1.9 LPM) / MANUAL	
WORKROOM HANDSINK	0.5 GPM (1.9 LPM) / MANUAL	
FILTRATION - See MEP Design Guidelines and Water Supply Matrix		
BREWING	FILTERED / SOFTENED W/ CONFIGURATION III	
HAND SINKS	SOFTENED W/ CONFIGURATION III	
HOT WATER	SOFTENED W/ CONFIGURATION III	
PRE-RINSE	SOFTENED W/ CONFIGURATION III	
DISHWASHER	SOFTENED W/ CONFIGURATION III	
UTILITY / MOP	SOFTENED W/ CONFIGURATION III	
ICE MACHINE		
	REMOTE	
DISHWASHER		
	HOBART ADVANSYS	

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PROJECT NAME: BRIARCLIFF MANOR, NY

PROJECT ADDRESS: 107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #: 09369
PROJECT #: 26336-078

ISSUE DATE: 12-22-2023

DESIGN MANAGER: ANNIE SONG
ENGINEER OF RECORD: KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
PLUMBING SCHEDULES

SCALE: AS SHOWN

SHEET NUMBER:
P601

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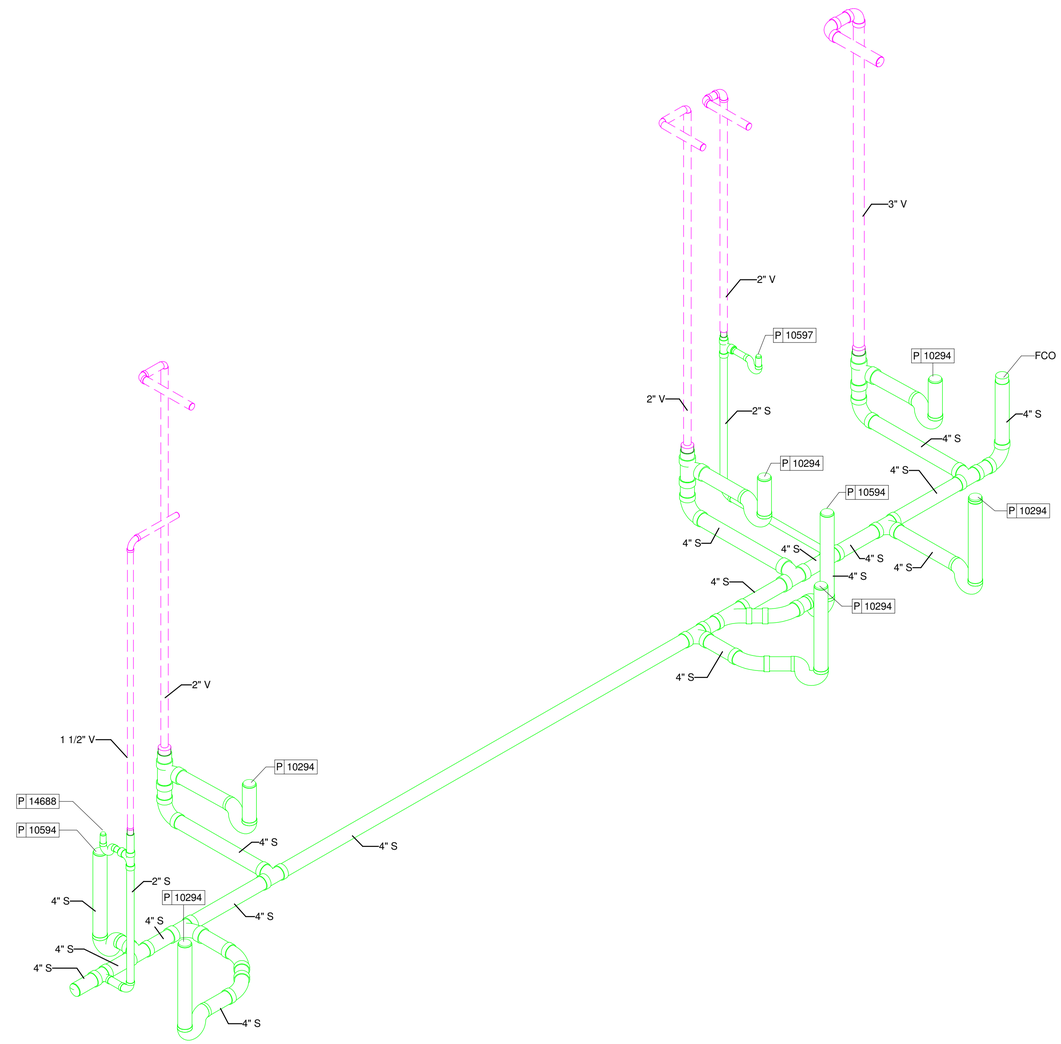

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107 N STATE RD, BRIARCLIFF MANOR, NY

STORE #:	09369
PROJECT #:	26336-078
ISSUE DATE:	12-22-2023
DESIGN MANAGER:	ANNIE SONG
ENGINEER OF RECORD:	KLH ENGINEERS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
PLUMBING WASTE AND VENT RISER
SCALE: AS SHOWN

SHEET NUMBER:
P901

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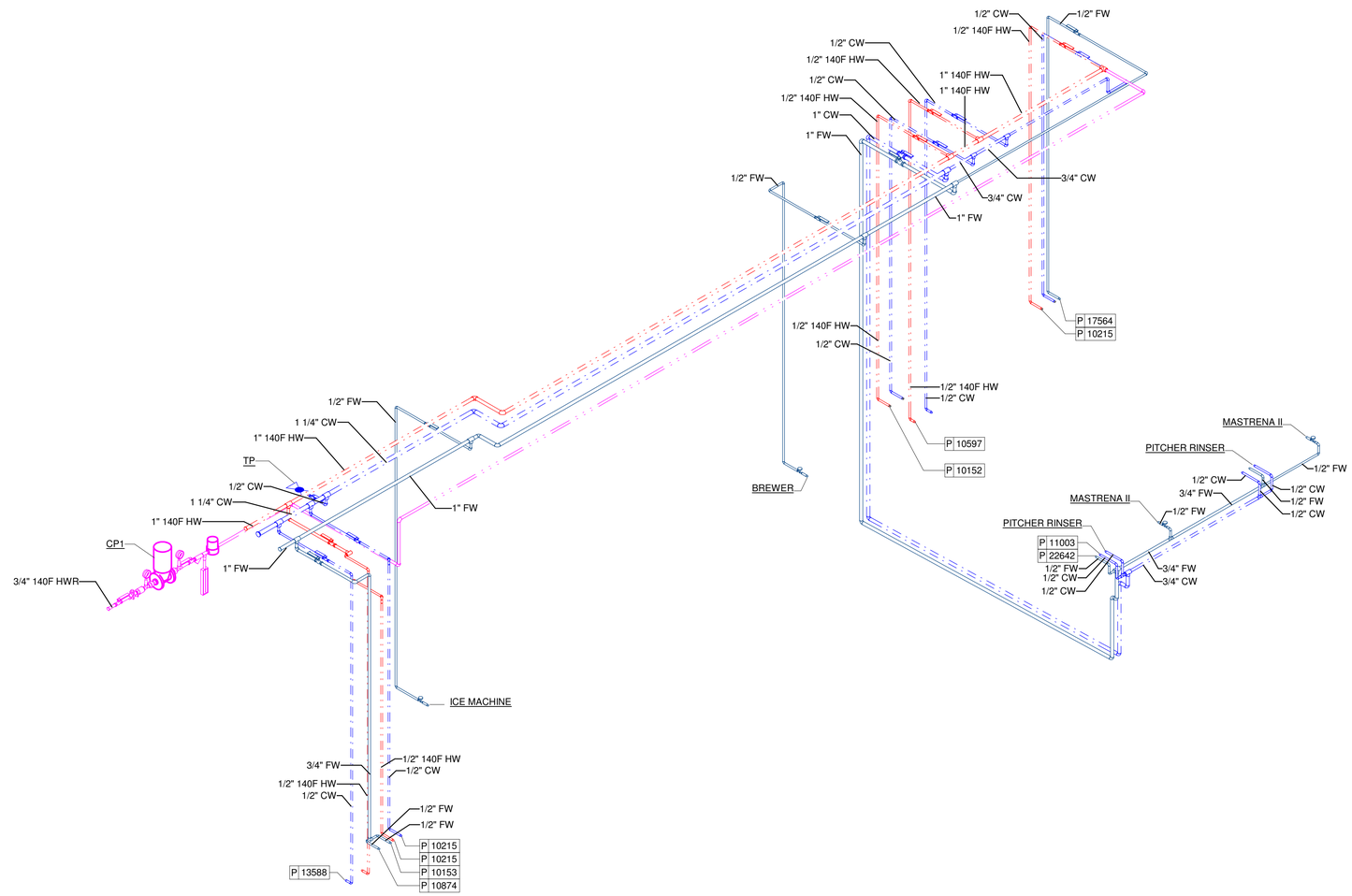

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PLUMBING SUPPLY RISER
SCALE: AS SHOWN

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P902

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