

# Central Connecticut State University

1615 Stanley Street - New Britain, CT 06050



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STARBUCKS CAFE  
RENOVATION  
ELIHU BURRITT LIBRARY  
1/27/2016

 **OakPark**  
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STATE PROJECT NO.: N/A

CCSU. PROJECT NO.: 22-89

SERVER:\user\Projects\DPWA\CCSU\Starbucks\CD\_Drawing-OPA\COVER SHEET 2.dwg January 29, 2016 - 9:28 AM



1615 Stanley Street  
New Britain, CT 06050

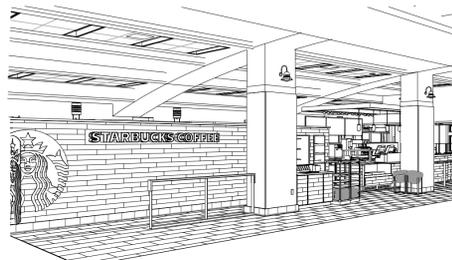
ABBREVIATIONS

3PL	THIRD PARTY LOGISTICS
AC	AIR CONDITIONING
ACC	ACCESSIBLE
ACT	ACOUSTICAL CEILING TILE
ADJ	ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
AHJ	AUTHORITIES HAVING JURISDICTION
AMP	AMPERE
AOR	ARCHITECT OF RECORD
APPROX	APPROXIMATE
BOH	BACK OF HOUSE
BLDG	BUILDING
CAB	CABINET
CKT	CIRCUIT
CL	CENTER LINE
CLG	CEILING
CLR	CLEAR OR CLEARANCE
COL	COLUMN
COMP	COMPARTMENT
CONST	CONSTRUCTION
CONT	CONTINUOUS
CTR	CENTER
CW	COLD WATER
CWC	CHILLED WALL CASE
CWF	COLD WATER FILTERED
CX	COMMISSIONING
CXA	COMMISSIONING AGENT
DEG	DEGREES
DET	DETAIL
DIA	DIAMETER
DID	DESIGN IDENTIFICATION
DISP	DISPENSER
DIM	DIMENSION
DM	STARBUCKS DESIGN MANAGER
DN	DOWN
DWG(S)	DRAWING(S)
EA	EACH
EC	ELECTRICAL CONTRACTOR
EG	EXHAUST GRILLE
EL	ELEVATION
ELEC	ELECTRICAL
EM	EMERGENCY
EQU	EQUAL
EQUIP	EQUIPMENT
EXIST OR (E)	EXISTING
EXP	EXPOSED
EXT	EXTERIOR
FC	STARBUCKS FIXTURE CONTRACTOR/INSTALLER
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
F&E	FURNITURE, FIXTURE AND EQUIPMENT
F&I	FURNISH AND INSTALL
FIN	FINISH
FLR	FLOOR
FOH	FRONT OF HOUSE
FRP	FIBERGLASS REINFORCED PANEL
FS	FLOOR SINK
FT	FOOT OR FEET
GC	GENERAL CONTRACTOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GND	GROUND
HC	HOLLOW CORE
HDW	HARDWARE
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HR	HOUR
HS	HAND SINK
HT	HEIGHT
HVAC	HEATING, VENTILATING AND AIR CONDITIONING
HW	HOT WATER
ID	INSIDE DIAMETER
LC	LICENSEE (OR AGENCY)
LL	LANDLORD
LV	LOW VOLTAGE
MAX	MAXIMUM
MC	MECHANICAL CONTRACTOR
MECH	MECHANICAL
MEP	MECHANICAL, ELECTRICAL AND PLUMBING
MFR	MANUFACTURER
MIN	MINIMUM
MS	MOP SINK
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OA	OVER ALL
OC	ON CENTER
OD	OUTSIDE DIAMETER
PC	PLUMBING CONTRACTOR
PD	STARBUCKS PRODUCTION DESIGNER
PDM	STARBUCKS PROJECT DEVELOPMENT MANAGER
PLAM	PLASTIC LAMINATE
POS	POINT OF SALE
R	RADIUS
REF	REFERENCE
REQ(D)	REQUIRE(D)
REV	REVISION
RG	RETURN GRILLE
RND	ROUND
RO	ROUGH OPENING
RT	ROOF TOP
SB	STARBUCKS
SC	SOLID CORE
SF	SQUARE FEET
SHT	SHEET
SIM	SIMILAR
SPEC	SPECIFICATION
SQ	SQUARE
SS	SOLID SURFACE
SST	STAINLESS STEEL
SUSP	SUSPENDED
TEL	TELEPHONE
TEMP	TEMPORARY
TOP	TOP OF
TW	TEMPERED WATER
TYP	TYPICAL
UC	UNDERCOUNTER
UON	UNLESS OTHERWISE NOTED
VD	VENDOR DIRECT
VERT	VERTICAL
VIF	VERIFY IN FIELD
W	SANITARY WASTE
WH	WATER HEATER
WP	WEATHER PROOF
WCO	WALL CLEANOUT

GENERAL NOTES

1. GENERAL CONTRACTOR SHALL VISIT THE SITE, REVIEW THE BUILDING SHELL DRAWINGS AS SUBMITTED BY THE AGENCY'S ARCHITECT AND BECOME THOROUGHLY FAMILIAR WITH THE SITE CONDITIONS PRIOR TO BIDDING OR CONSTRUCTION.
2. GENERAL CONTRACTOR SHALL CONSULT WITH AGENTS'S ARCHITECT AND STARBUCKS PROJECT DEVELOPMENT MANAGER TO RESOLVE ANY CHANGES, OMISSIONS OR PLAN DISCREPANCIES PRIOR TO BIDDING OR CONSTRUCTION.
3. ALL WORK SHALL BE PERFORMED IN STRICT COMPLIANCE WITH LOCAL, COUNTY, STATE AND FEDERAL CODES AND ORDINANCES.
4. GENERAL CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES.
5. GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS, INCLUDING CLEARANCES REQUIRED BY OTHER TRADES AND NOTIFY THE AGENCY'S ARCHITECT AND STARBUCKS PROJECT DEVELOPMENT 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.
6. 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.
7. GENERAL CONTRACTOR IS RESPONSIBLE FOR OBTAINING PERMITS FOR FIRE PROTECTION, PLUMBING, MECHANICAL, AND ELECTRICAL SYSTEMS PRIOR TO INSTALLATION OF SUCH SYSTEMS.
8. GENERAL CONTRACTOR SHALL RETAIN TWO SETS OF THE PLANS TO NOTE AND DOCUMENT ALL CHANGES DURING CONSTRUCTION. THIS SET SHALL BE SUBMITTED TO THE STARBUCKS PROJECT DEVELOPMENT MANAGER AND AGENCY FOR RECORD.
9. GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING DELIVERY OF MATERIALS FROM STARBUCKS CONTRACTED THIRD PARTY LOGISTICS DISTRIBUTION SERVICES AND VENDOR DIRECT SHIPMENTS.
10. RESPONSIBILITY FOR SUPPLY AND DELIVERY OF MATERIALS AND EQUIPMENT IS IDENTIFIED IN THE DRAWING SCHEDULE SHEETS UNDER THE COLUMN LABELED "RESPONSIBILITY".
11. FOR THE PURPOSE OF THESE 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 DESIGN MANAGER.
14. REFER TO ITEM CUTSHEETS FOR ADDITIONAL INFORMATION.

PERSPECTIVE VIEW



VICINITY PLAN



BUILDING CODE INFORMATION

1. LOCATION: CENTRAL CONNECTICUT STATE UNIVERSITY - ELIHU BURRITT LIBRARY, NEW BRITAIN, CT
2. BUILDING TYPE: EXISTING: ASSEMBLY
3. JOB TYPE: ALTERATION
4. CONSTRUCTION TYPE (CHAPTER 6) EXISTING: 2C PROPOSED: N/A
5. USE GROUP: NO CHANGE
6. BUILDING HEIGHT: N/A
7. CHANGE OF OCCUPANCY: NO
8. OCCUPANCY LOAD: NO CHANGE
9. ACCESSIBLE BUILDING: YES
10. SPRINKLER PROTECTION: NO
11. ASBESTOS: NO
12. CODES TO WHICH THIS PROJECT WAS DESIGNED:
  - 2003 NFPA LIFE SAFETY CODE
  - 2003 INTERNATIONAL FIRE CODE
  - 2003 INTERNATIONAL BUILDING CODE
  - 2011 NATIONAL ELECTRICAL CODE (NFPA-70)
  - 2003 INTERNATIONAL MECHANICAL CODE
  - 2003 INTERNATIONAL PLUMBING CODE
  - 2003 INTERNATIONAL ENERGY CONSERVATION CODE
  - 2003 INTERNATIONAL EXISTING BUILDING CODE
  - 2003 ICC/ANSI A117 ACCESSIBLE AND USABLE BUILDING FACILITIES CONNECTICUT SUPPLEMENTS + 2009 AMENDMENTS
  - UFAS - INCLUDING SECTION 504
  - HEALTH CODE (LATEST VERSION)

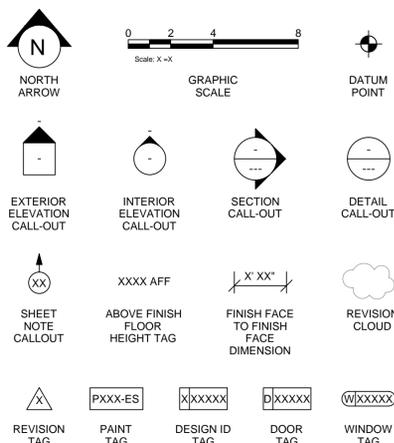
PROJECT CONTACTS

MAILING ADDRESS:	STARBUCKS COFFEE COMPANY 2401 UTAH AVENUE SOUTH MS STOP: S-SD9 SEATTLE, WASHINGTON 98134
DESIGN MANAGER:	ALEXIS COOK STARBUCKS COFFEE COMPANY 2401 UTAH AVENUE SOUTH MS STOP: S-SD9 SEATTLE, WASHINGTON 98134 (206) 318-4873 PHONE apcook@starbucks.com
PROJECT DEVELOPMENT MANAGER:	TARA BRYAN STARBUCKS COFFEE COMPANY 2401 UTAH AVENUE SOUTH SEATTLE, WASHINGTON 98134 (617) 789-7507 PHONE Tara.Bryne@starbucks.com
AGENCY:	JOSE M PEZO CENTRAL CT STATE UNIVERSITY FACILITIES MANAGEMENT 1615 STANLEY ST P.O. BOX 4010 NEW BRITAIN, CT 06050 (860) 832-0180 PHONE pezojom@mail.ccsu.edu
SURVEYING ARCHITECT:	CHRIS LOZNYIAK FIELD SERVICES UNLIMITED, LLC 2 STEELE ST, SUITE 201 DENVER, CO 80206 (303) 355-7274 PHONE cloznyiak@fsusurveyor.com
ARCHITECT OF RECORD:	MARK WELCH OAKPARK ARCHITECTS, LLC 312 PARK STREET WEST HARTFORD, CT 06119 (860)-232-6664 PHONE markw@oakparkarchitects.com lorid@oakparkarchitects.com
ENGINEER OF RECORD:	QGL CONSULTING ENGINEERS, LLC 2074 PARK STREET HARTFORD, CT 06106 (860) 236-4288 PHONE rdilullo@qglinc.com
AGENCY'S FOOD SERVICE VENDOR:	SODEXO

INDEX OF SHEETS

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I-1103	INTERIOR FLOOR PLAN & WALL TYPES
I-1105	FF AND E PLAN AND CASEWORK
I-1106A	SCHEDULES
I-1107	RCP AND LIGHTING DIMENSION PLAN
I-1109	FLOOR FINISH PLAN AND WALL FINISH PLAN
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I-2103	INTERIOR ELEVATIONS
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I-5002	DESIGN DETAILS
I-5003	DESIGN DETAILS
I-5004	DESIGN DETAILS (FOR REFERENCE ONLY)
I-5005	DESIGN DETAILS (FOR REFERENCE ONLY)
I-5006	DESIGN DETAILS (FOR REFERENCE ONLY)
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P-1	PLUMBING IDENTIFICATION PLAN
P-2	PLUMBING UNDERSLAB PLAN
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E-4	ELECTRICAL FIRE ALARM PLAN
EP-1	PLUMBING & ELECTRICAL PENETRATION PLAN

ARCHITECTURAL SYMBOL LEGEND



SCHEDULE PREFIX

A	- DATA DEVICE SCHEDULE
B	- WALL BASE SCHEDULE
C	- CASEWORK SCHEDULE
D	- DOOR SCHEDULE
E	- SPECIALTY EQUIPMENT SCHEDULE
F	- FURNITURE SCHEDULE
G	- GRAPHICS AND ARTWORK SCHEDULE
L	- LIGHTING FIXTURE SCHEDULE
M	- MECHANICAL EQUIPMENT SCHEDULE
P	- PLUMBING FIXTURE SCHEDULE
Q	- WALL TREATMENT (AREA) SCHEDULE
R	- WALL TREATMENT (LENGTH) SCHEDULE
S	- SIGNAGE SCHEDULE
T	- FLOOR TREATMENT SCHEDULE
U	- CEILING TREATMENT SCHEDULE
W	- WINDOW SCHEDULE
X	- CUSTOM DID
Y	- SITE SCHEDULE

CUSTOM DESIGN ID KEY

SIGNAGE	"S"	x0000 - x0999
GRAPHICS AND ARTWORK	"G"	x1000 - x1099
SITE	"Y"	x1100 - x1199
DOORS	"D"	x2000 - x2999
DATA DEVICE	"A"	x3000 - x3999
SPECIALTY EQUIPMENT	"E"	x4000 - x4999
CASEWORK	"C"	x5000 - x5999
FURNITURE	"F"	x6000 - x6999
LIGHTING FIXTURE	"L"	x7000 - x7999
PLUMBING / MECHANICAL	"P" / "M"	x8000 - x8999
FINISHES - PAINT	"P"	x9000 - x9199
FINISHES - FLOOR TREATMENT	"T"	x9200 - x9399
FINISHES - WALL TREATMENT	"Q" / "R"	x9400 - x9799
FINISHES - CEILING TREATMENT	"U"	x9800 - x9999

RESPONSIBILITY LEGEND - LICENSED STORES

SB / GC	FURNISHED BY STARBUCKS / INSTALLED BY AGENCY'S GENERAL CONTRACTOR
SB / FC	FURNISHED BY STARBUCKS / INSTALLED BY STARBUCKS FIXTURE CONTRACTOR
GC / GC	FURNISHED BY AGENCY'S GENERAL CONTRACTOR / INSTALLED BY AGENCY'S GENERAL CONTRACTOR
LC / GC	FURNISHED BY AGENCY / INSTALLED BY AGENCY'S GENERAL CONTRACTOR
LC/LC	FURNISHED BY AGENCY / INSTALLED BY AGENCY

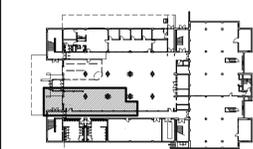
REVISIONS

NUMBER	DATE	DESCRIPTION



QGL CONSULTING ENGINEERS, LLC  
2074 PARK STREET  
HARTFORD, CT 06106  
TEL (860) 236-4288

STARBUCKS CAFE RENOVATION ELIHU BURRITT LIBRARY



KEY PLAN NOT TO SCALE

CCSU PROJECT No.:	22-89
DPW PROJECT No.:	N/A
DRAWN BY:	LLD
DATE:	01/27/2016
CAD FILE:	

GENERAL INFORMATION

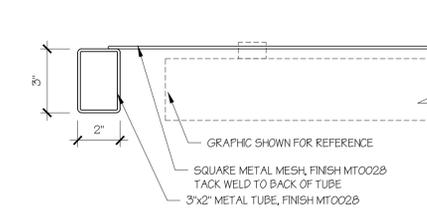
BUILDING No.:	DRAWING No.:
22	G-0001

**SHEET NOTES**

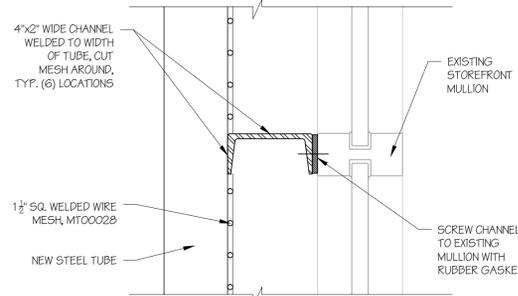
- 1 STARBUCKS DESIGN MANAGER TO COORDINATE SIGNAGE PROPOSAL WITH VENDOR.
- 2 EXISTING AGENCY FINISH.
- 3 NEW WALK-UP WINDOW IN EXISTING STOREFRONT FRAME. PROVIDE NEW MULLION AND GLAZING. SEE 7/A-2001 FOR WINDOW ELEVATION.
- 4 NEW WALK-UP WINDOW COUNTERTOP.
- 5 OPAQUE GLAZING FILM TO BE APPLIED TO INTERIOR GLAZING FACE.
- 6 CUSTOM CONDIMENT CART; ALL SIDES FINISHED BLACK
- 7 EXISTING LIBRARY SIGN TO REMAIN.

**EXTERIOR ELEVATION NOTES**

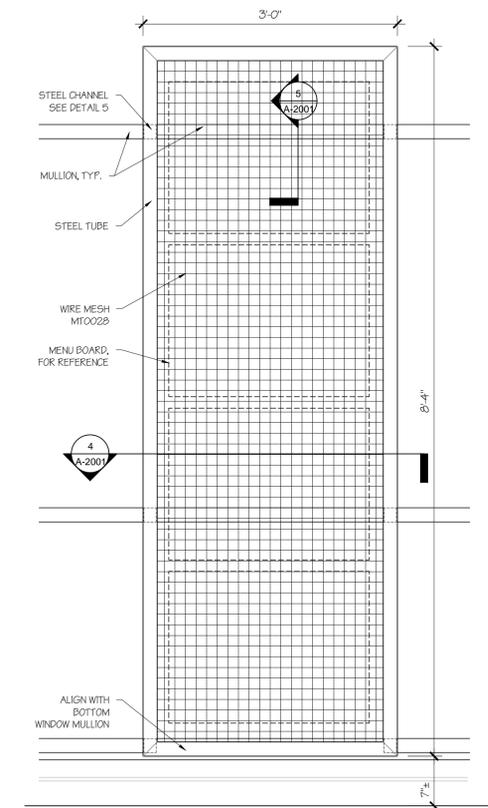
- A. GENERAL CONTRACTOR TO COORDINATE AND SCHEDULE SIGNAGE INSTALLATION WITH SIGNAGE CONTRACTOR PROVIDING A MINIMUM SCHEDULING NOTICE OF 4 WEEKS AND 1 WEEK PRIOR TO SCHEDULED DATE OF INSTALLATION. STARBUCK PROJECT DEVELOPMENT MANAGER TO PROVIDE GENERAL CONTRACTOR CONTRACT INFORMATION.
- B. GENERAL CONTRACTOR 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. SEE ELECTRICAL DWGS.
- C. GENERAL CONTRACTOR TO PROVIDE FIRE TREATED WOOD STUD BLOCKING, OR EQUIVALENT, TO SUPPORT SIGNAGE.
- D. SIGNAGE CONTRACTOR SHALL ATTAIN AGENCY'S APPROVAL, OBTAIN PERMIT(S) AND INSTALL SIGNAGE IN COMPLIANCE WITH ALL LOCAL JURISDICTIONAL REQUIREMENTS.
- E. SIGNAGE CONTRACTOR TO SUPPLY SHOP DRAWINGS TO THE AGENCY, STARBUCKS DESIGN MANAGER AND TO THE GENERAL CONTRACTOR AS NEEDED. GENERAL CONTRACTOR TO NOTIFY STARBUCKS PROJECT DEVELOPMENT MANAGER IMMEDIATELY IF SHOP DRAWINGS OR INSTALLATION IS IN DISCREPANCY WITH ARCHITECTURAL DRAWINGS.
- F. GENERAL CONTRACTOR TO CLEAN, PATCH AND REPAIR EXISTING EXTERIOR AS REQUIRED.
- G. FOR DESIGN ID TAGS, REFER TO SCHEDULES ON SHEET I-1106A.



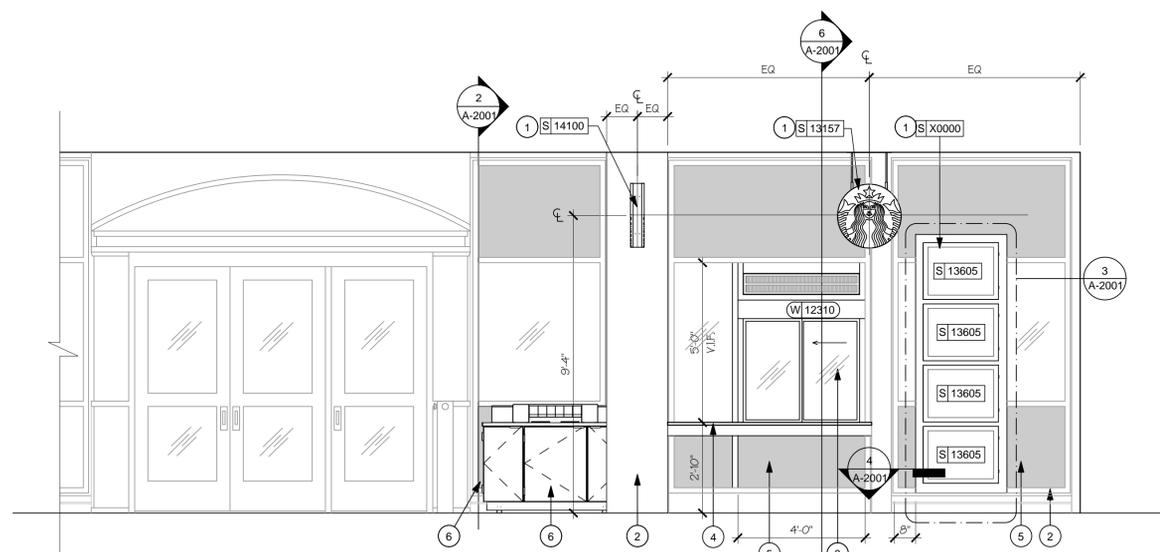
4 MENU STAND DETAIL  
Scale: 3" = 1'-0"



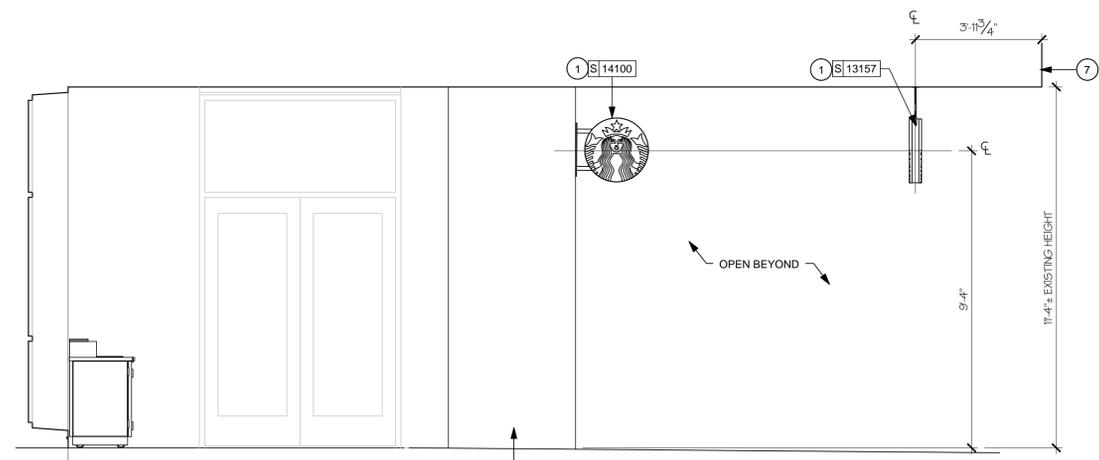
5 MENU STAND MOUNTING DETAIL  
Scale: 3" = 1'-0"



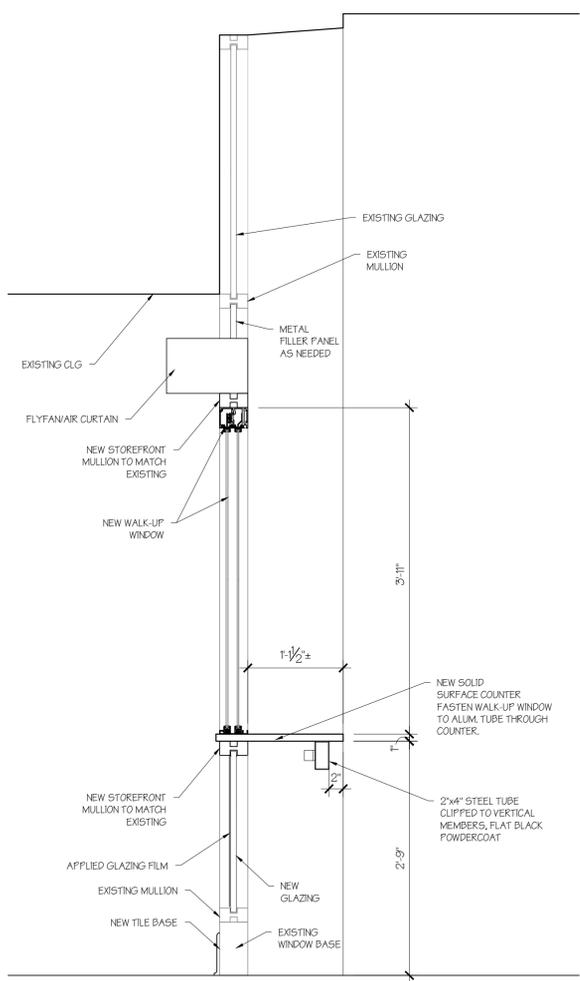
3 MENU STAND ELEVATION  
Scale: 1" = 1'-0"



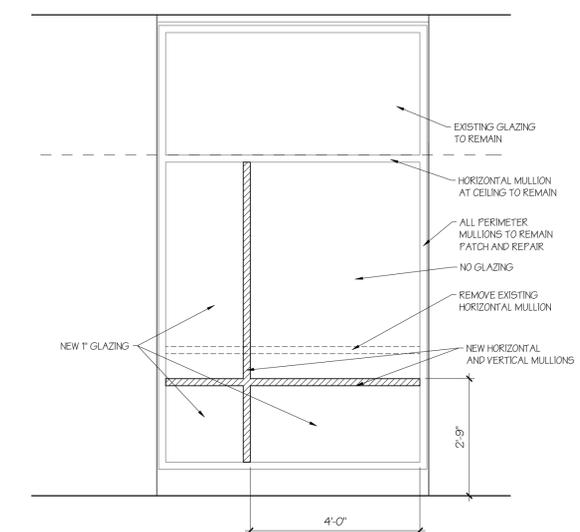
1 EXTERIOR ELEVATION  
Scale: 3/8" = 1'-0"



2 EXTERIOR SIDE ELEVATION  
Scale: 3/8" = 1'-0"



6 SECTION THRU WALK-UP WINDOW  
Scale: 1" = 1'-0"



7 WINDOW ELEVATION  
Scale: 1/2" = 1'-0"

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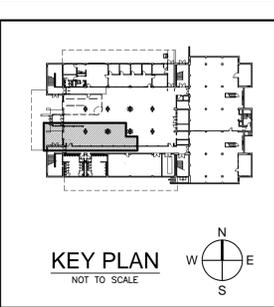
**REVISIONS**

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CAD FILE:	P:\... \---.DWG

**EXTERIOR ELEVATIONS**

BUILDING No.:	DRAWING No.:
<b>22</b>	<b>A-2001</b>



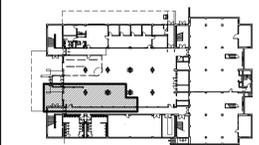
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KEY PLAN  
NOT TO SCALE

CCSU PROJECT No.:	22-89
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DRAWN BY:	LLD
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CAD FILE:	

DEMOLITION FLOOR PLAN

BUILDING No.:	DRAWING No.:
22	I-1101

SHEET NOTES

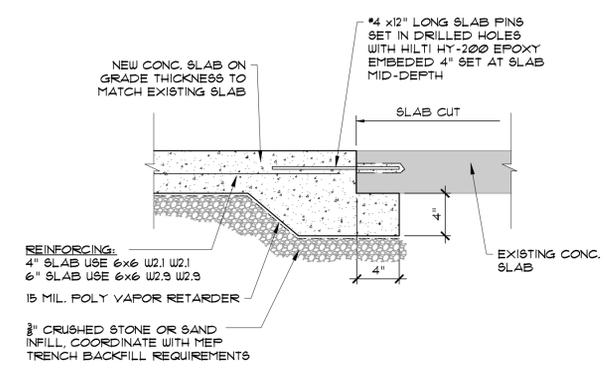
- EXISTING WALLS TO MATCH EXISTING FINISHES. GC TO PATCH, REPAIR AND REPAINT AS REQUIRED.
- DEMOLISH EXISTING FLOOR FINISHES AS INDICATED. REPAIR OR REPLACE SUB-FLOOR TO PROVIDE AN EVEN WALKING SURFACE AND FINISHED FLOOR CONDITION. SALVAGE CARPET FOR PATCHING.
- DEMOLISH EXISTING MILLWORK, BASE AND FINISHES BEYOND THE EXISTING GYP. SEE 2/I-2101 FOR NEW COLUMN FINISHED. REMOVE EXISTING ELECTRICAL AS INDICATED ON ED-1.
- DEMOLISH EXISTING EQUIPMENT AND POWER LINES AS INDICATED. SEE ELECTRICAL DWGS FOR MORE INFO.
- DEMOLISH EXISTING PLUMBING FIXTURES AS INDICATED. CAP LINES AS NECESSARY FOR THOSE NOT BEING RE-USED. SEE PLUMBING DWGS FOR MORE INFO.
- DEMOLISH EXTRANEOUS EXISTING EQUIPMENT AND FIXTURES AS INDICATED.
- REMOVE EXISTING GLASS/GLAZING. STOREFRONT FRAME TO REMAIN. SEE A-2001 FOR EXTENT OF WORK AND MORE INFO.
- EXISTING DOORS TO REMAIN. NO PAINTING OR ALTERATIONS PER AGENCY'S REQUEST.
- FLOOR FINISH TO BE REMOVED REFER TO I-1109 FOR EXTENT OF WORK.
- EXISTING EQUIPMENT, FURNITURE, AND FINISHES OUT OF PROJECT SCOPE TO REMAIN UNLESS OTHERWISE NOTED.
- GC TO REMOVE & CLEAN WINDOWS/GLAZING FOR PREPARATION OF GLAZING FILM. INSTALL GLAZING FILM & REINSTALL GLAZING.
- EXISTING FINISH TO REMAIN.
- DEMOLISH EXISTING KIOSK, CAFE CASEWORK, EQUIPMENT, AND FURNITURE WITHIN STARBUCKS ZONE.
- BLUE CHIP CARD CENTER TO BE RELOCATED BY AGENCY PRIOR TO WORK.
- EXISTING WALL MOUNTED LIGHT FIXTURES TO REMAIN. PROVIDE PROTECTION DURING CONSTRUCTION.

DEMOLITION FLOOR PLAN NOTES

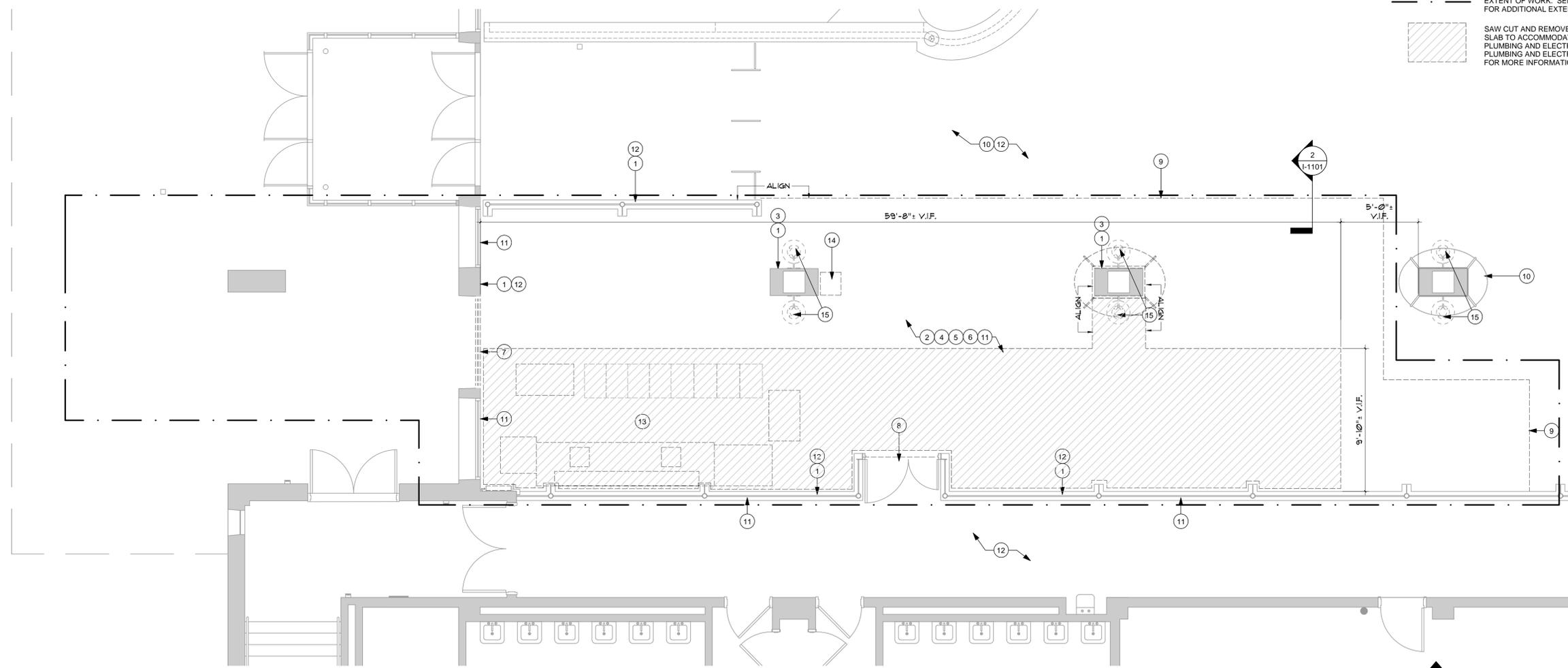
- IF DURING DEMOLITION CONDITIONS ARE REVEALED THAT MAY JEOPARDIZE INTEGRITY OF STRUCTURE OR PRECLUDE FOLLOWING DESIGN INTENT, GENERAL CONTRACTOR TO IMMEDIATELY NOTIFY ARCHITECT OF RECORD AND STARBUCKS PROJECT DEVELOPMENT MANAGER.
- GENERAL CONTRACTOR IS RESPONSIBLE FOR SITE INVESTIGATION PRIOR TO DEMOLITION TO REVEAL FULL SCOPE OF WORK.
- LABEL ALL EXISTING ITEMS THAT ARE TO BE PROPERLY STORED FOR RE-INSTALLATION.
- EXISTING FLOOR TO REMAIN TO BE PROPERLY PROTECTED DURING DEMOLITION AND REMOVAL OF DEBRIS. LIBRARY WILL BE FULLY OPERATIONAL DURING CONSTRUCTION.
- DEMOLITION OF CONCRETE FLOOR: ALL WORK REGARDING SAW CUTTING AND REMOVAL OF EXISTING CONCRETE SLAB AS SHOWN ON THE CONSTRUCTION DOCUMENTS TO BE DONE AFTER HOURS (VERIFY LIBRARY HOURS).

WALL DEMOLITION LEGEND

- MATERIAL TO BE DEMOLISHED
- EXISTING WALL TO REMAIN
- EXISTING COLUMN TO REMAIN
- EXTENT OF WORK. SEE P-3, E0 & E-1 FOR ADDITIONAL EXTENT OF WORK
- SAW CUT AND REMOVE FLOOR SLAB TO ACCOMMODATE NEW PLUMBING AND ELECTRICAL. SEE PLUMBING AND ELECTRICAL DWGS FOR MORE INFORMATION.



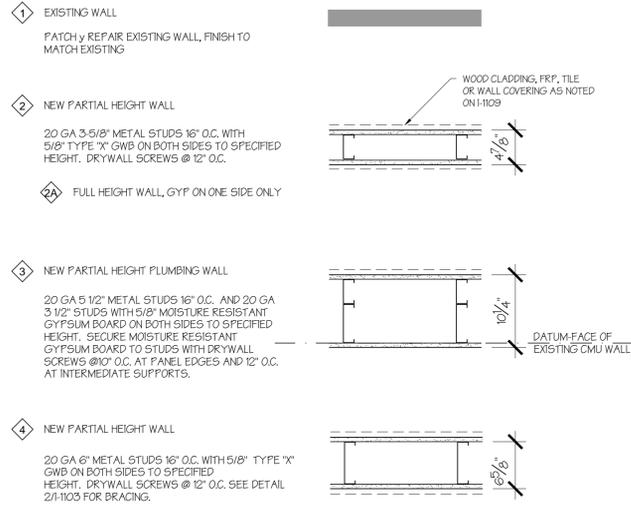
2 SLAB DETAIL  
Scale: 1 1/2" = 1'-0"



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



**WALL TYPE LEGEND**



NOTE: SEE DETAILS 3 & 14 ON SHEET I-5002 FOR WALL CAP

**SHEET NOTES**

1. INSTALL 1/4" (6MM) GREEN BOARD ON BACKBAR WALL PER SPECIFICATIONS.
2. TOP OF NEW WALL FRAMING AT 6'-10" UON, FINISH TO BE ABOVE.
3. BACKBAR WALL HEIGHT TO OF FRAMING AT 5'-0", REFER TO ELEVATION NUMBER 1 ON SHEET I-2102
4. PARTIAL WALL HEIGHT, REFER TO ELEVATION NUMBER 4 ON SHEET I-2102.
5. EXISTING DOOR TO REMAIN (NO ALTERATION) PER AGENCY'S REQUEST.

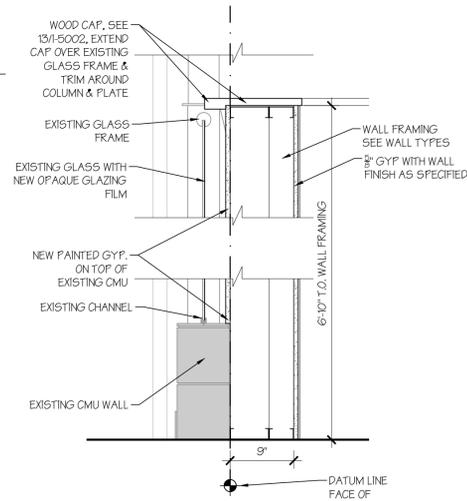
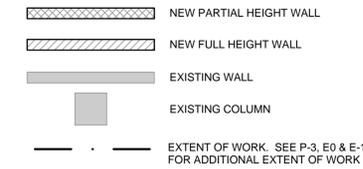
**INTERIOR FLOOR PLAN NOTES**

- A. GENERAL CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND NOTIFY ARCHITECT OF RECORD AND STARBUCKS PROJECT DEVELOPMENT MANAGER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
- B. IF EXISTING EXTERIOR ENTRANCE THRESHOLD EXCEEDS REQUIRED AMERICANS WITH DISABILITIES ACT (ADA) MAXIMUM HEIGHT OF 1/2" (10MM), REMOVE AND REPLACE WITH ACCESSIBLE THRESHOLD. RAISED THRESHOLDS AND FLOOR LEVEL CHANGES AT ACCESSIBLE DOORWAYS TO BE BEVELED WITH A SLOPE NO GREATER THAN 1:2.
- C. GENERAL CONTRACTOR TO PROVIDE FIRE TREATED WOOD STUD BLOCKING, OR EQUIVALENT, TO SUPPORT ANY WALL ATTACHMENT AND/OR SIGNAGE.
- D. ALL DOORS TO PROVIDE 32" (815MM) MINIMUM CLEAR OPENING WHEN OPENED TO 90 DEGREE POSITION, UNLESS OTHERWISE NOTED.
- E. ALL DIMENSIONS ARE TO FINISHED FACE OF SUBSTRATE/GWB UNLESS SHOWN OR NOTED OTHERWISE.
- F. GC TO PROVIDE NEW STUD FURRING AND GWB AS REQUIRED.
- G. FOR DESIGN ID TAGS, REFER TO SCHEDULES ON SHEET I-1106A.

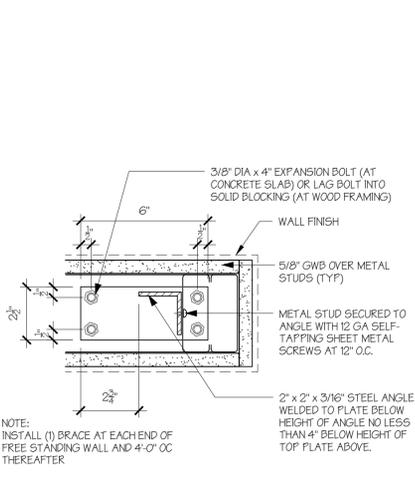
**SYMBOL LEGEND**



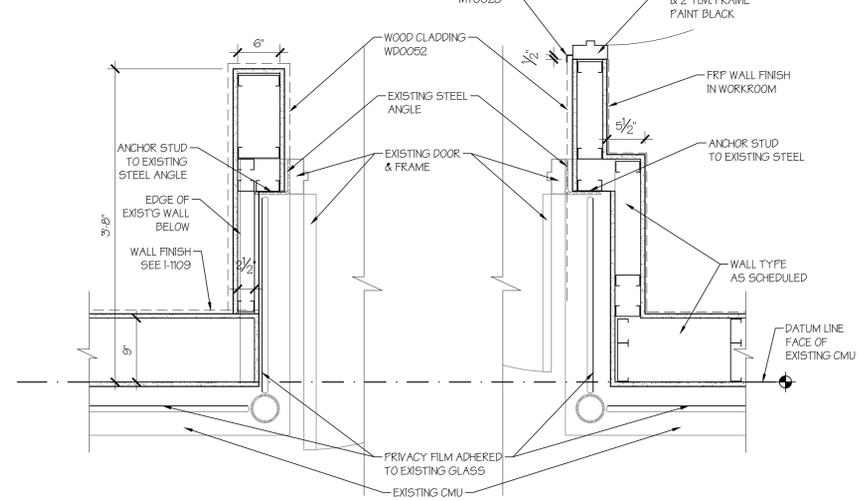
**INTERIOR WALL LEGEND**



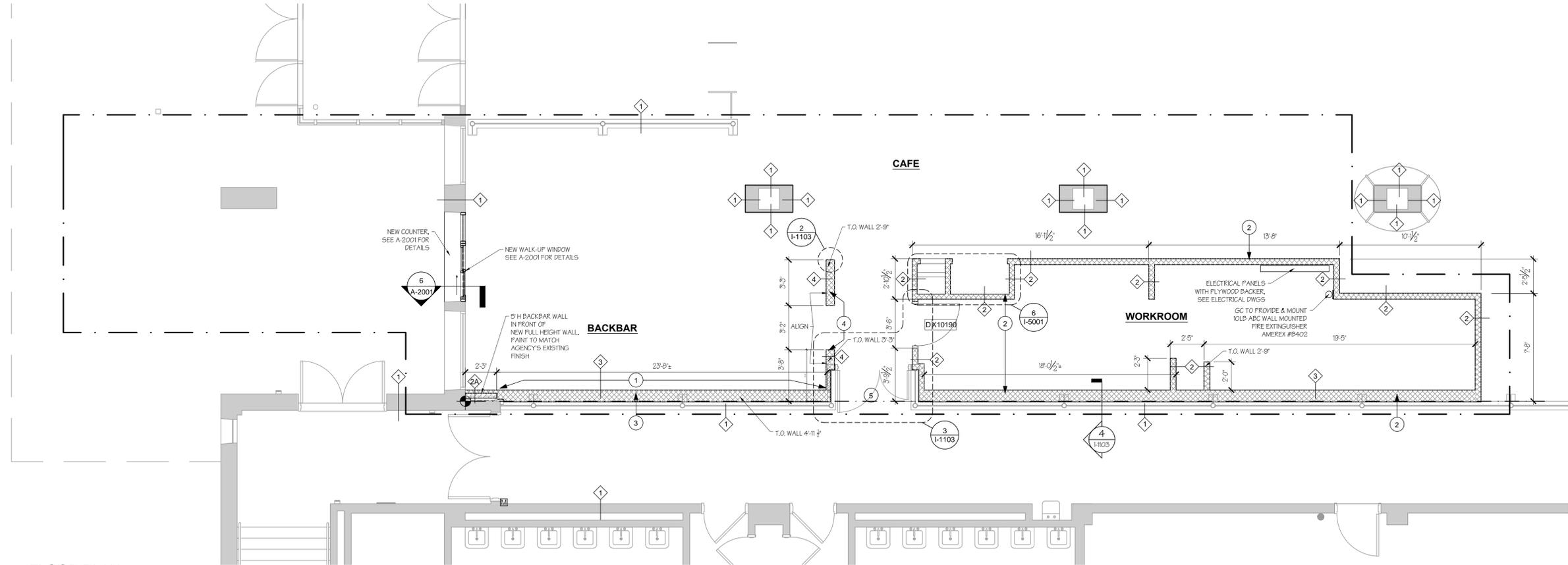
**4 WALL SECTION**  
Scale: 1" = 1'-0"



**2 WALL DETAIL**  
Scale: 3" = 1'-0"



**3 PLAN DETAIL**  
Scale: 1" = 1'-0"



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

Central Connecticut State University



1615 Stanley Street  
New Britain, CT 06050

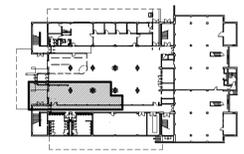
**REVISIONS**

NUMBER	DATE	DESCRIPTION

**akPark Architects LLC**  
312 Park Rd. W. Hartford, CT (860)232-6664

**QGL CONSULTING ENGINEERS, LLC**  
2074 PARK STREET  
HARTFORD, CT 06106  
TEL (860) 236-4288

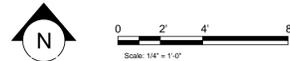
**STARBUCKS CAFE RENOVATION ELIHU BURRITT LIBRARY**



CCSU PROJECT No.:	22-89
DPW PROJECT No.:	N/A
DRAWN BY:	LLD
DATE:	01/27/2016
CAD FILE:	

**INTERIOR FLOOR PLAN & WALL TYPES**

BUILDING No.:	DRAWING No.:
<b>22</b>	<b>I-1103</b>





CASEWORK LEGEND

- INDICATES STAINLESS STEEL (SST) COUNTERTOP
- INDICATES SOLID SURFACE (SS) COUNTERTOP
- WOOD CAP ON TOP OF WALL
- STEEL PLATE OVER DOOR

CASEWORK PLAN NOTES

- A. GENERAL CONTRACTOR TO NOTIFY STARBUCKS PROJECT DEVELOPMENT MANAGER IMMEDIATELY IF A DISCREPANCY EXISTS BETWEEN CASEWORK SHOP DRAWINGS, SITE DIMENSIONS, CASEWORK PLAN OR ACTUAL CASEWORK FIXTURES.
- B. STARBUCKS FIXTURE CONTRACTOR TO COORDINATE AND SCHEDULE CASEWORK DELIVERY DATE. STARBUCKS PROJECT DEVELOPMENT MANAGER 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 CASEWORK SCHEDULE, UNLESS OTHERWISE NOTED.
- D. REFER TO CASEWORK INSTALLATION MANUAL PROVIDED BY CASEWORK VENDOR FOR COMPLETE INSTALLATION INSTRUCTIONS.
- E. ALL CASEWORK BOX BASE UNITS SHALL BE SET ON 1/4" (6MM) NON-ABSORBENT PLASTIC SHIMS PROVIDED BY CASEWORK VENDOR.
- F. SEE WALL FINISH PLAN I-1109 FOR LOCATION, TAGGING, AND FINISH SCHEDULES I-1006A OF APPLIED WALL TREATMENTS.
- G. REFER TO DESIGN DETAILS 1-5003 FOR MENU BOARD INSTALLATION AND MOUNTING.
- H. POINT OF SALE, HAND-OFF PLANE AND WALK-UP COUNTER TO BE INSTALLED AT A MAXIMUM HEIGHT OF 2'-10" (660MM) AFF.
- I. CASEWORK VENDOR TO PROVIDE ALL SHOP DRAWINGS TO STARBUCKS DM AND ARCHITECT OF RECORD FOR REVIEW PRIOR TO MANUFACTURE.
- J. FOR DESIGN ID TAGS, REFER TO SCHEDULES ON SHEET I-1106A.

SHEET NOTES

- 1 DO NOT CAULK TRASH RINGS TO COUNTERTOPS.
- 2 GENERAL CONTRACTOR TO CAULK WHERE POINT OF SALE COUNTERTOP MEETS FOOD CASE WITH HEALTH DEPARTMENT APPROVED CAULK.
- 3 ALL CABINETS AND DRAWERS TO BE LOCKABLE UNLESS NOTED OTHERWISE.
- 4 REFER TO DESIGN DETAIL SHEETS FOR CUSTOM ITEMS.
- 5 CUSTOM CHAIR RAIL BY CASEWORK VENDOR. SEE WALL FINISH PLAN I-1009 FOR ADDITIONAL INFORMATION.

REVISIONS

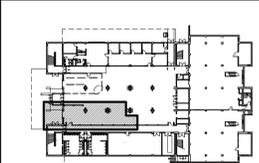
NUMBER	DATE	DESCRIPTION



312 Park Rd, W. Hartford, CT (860) 232-6664

QGL CONSULTING ENGINEERS, LLC  
2074 PARK STREET  
HARTFORD, CT 06106  
TEL (860) 236-4288

STARBUCKS CAFE RENOVATION ELIHU BURRITT LIBRARY



KEY PLAN  
NOT TO SCALE

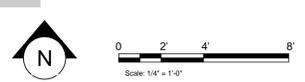
CCSU PROJECT No.: 22-89  
DPW PROJECT No.: N/A  
DRAWN BY: LLD  
DATE: 01/27/2016  
CAD FILE:

FF AND E PLAN AND CASEWORK PLAN

BUILDING No.: 22  
DRAWING No.: I-1105

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

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



SPECIALTY EQUIPMENT SCHEDULE - "E"				
DESIGN ID	COUNT	DESCRIPTION	RESP.	COMMENTS
<b>COOLINGS</b>				
10110	1	FRIDGE REACH IN 1 DOOR RH - 29IN 735MM	SB / GC	SEE E-1 FOR ADDITIONAL INFO.
10473	2	FRIDGE UNDERCOUNTER 2 DOOR - 48IN 1220MM	SB / GC	
11083	1	FRIDGE REACH IN 2 DOOR - 51X35IN 1295X890MM	SB / GC	
12618	1	FRIDGE UNDERCOUNTER 1 DOOR WITH SHELF - 27IN 685MM	SB / GC	
13620	1	FREEZER REACH IN 1 DOOR LH - 27IN 685MM	SB / GC	
13622	1	FREEZER REACH IN 2 DOOR - 54IN 1370MM	SB / GC	
<b>EQUIPMENT</b>				
10312	2	BREWER SOFT HEAT WARMING STAND SINGLE	SB / GC	
10746	1	BREWER DUAL SOFT HEAT	SB / GC	
10808	1	GRINDER DITTING	SB / GC	
10856	4	BREWER SERVER SOFT HEAT	SB / GC	
12407	2	OVEN TURBOCHEF NEXT GENERATION	SB / GC	
12508	2	BLENDER QUIET MODEL ON COUNTER	SB / GC	
12694	2	ESPRESSO MACHINE MASTRENA	SB / GC	
13697	1	WAREWASHER HOT	SB / GC	
<b>FOOD CASE</b>				
12394	1	FOOD CASE - UPRIGHT SELF SERVE CHILLED - 46IN 1170MM	SB / GC	
16238	1	FOOD CASE - ZEPHYR - 66IN 1675MM	SB / GC	
<b>ICE</b>				
10102	1	ICE - BIN B55	SB / GC	
10344	1	ICE - BIN DROP IN 90LB 40KG	SB / GC	
10971	1	ICE - MACHINE ICE0500HA AIR COOLED SIDE VENT	SB / GC	
<b>OTHER</b>				
10091	1	CUP DISPENSER TALL HOT VERTICAL	SB / GC	
10396	1	CUP DISPENSER SHORT HOT VERTICAL	SB / GC	
10791	2	CUP DISPENSER GRANDE VENTI COLD VERTICAL	SB / GC	
10829	7	CORNER GUARD - 1.25IN 30MM	GC / GC	
10855	2	CUP DISPENSER GRANDE VENTI HOT VERTICAL	SB / GC	
10858	1	CUP DISPENSER TALL COLD VERTICAL	SB / GC	
10947	1	SOAP DISPENSER WALL MOUNTED	LC / GC	ALLOWANCE #3 SPEC 01019
10977	1	PAPER TOWEL DISPENSER FULL SIZE - TRANSLUCENT GRAY	LC / GC	ALLOWANCE #3 SPEC 01019

REFER TO PLUMBING AND ELECTRICAL DRAWINGS FOR DUPLICATE PLUMBING FIXTURE SCHEDULE (P), SPECIALTY EQUIPMENT SCHEDULE (E), DATA DEVICE SCHEDULE (A) AND LIGHTING FIXTURE SCHEDULE (L). ADDITIONAL INFORMATION MAY BE PROVIDED ON DUPLICATE SCHEDULES.

SPECIALTY EQUIPMENT SCHEDULE - "E"				
DESIGN ID	COUNT	DESCRIPTION	RESP.	COMMENTS
10992	1	PAPER TOWEL DISPENSER HALF SIZE - TRANSLUCENT GRAY	LC / GC	ALLOWANCE #3 SPEC 01019
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	
15907	1	CO2 TUBING KIT	SB / GC	
X4000	2	LOCKABLE EQUIPMENT COVER - BLENDERS	SB / GC	PROVIDED BY RAINIER
X4001	2	LOCKABLE EQUIPMENT COVER - MASTRENAS	SB / GC	PROVIDED BY RAINIER
X4002	2	LOCKABLE EQUIPMENT COVER - OVENS	SB / GC	PROVIDED BY RAINIER
X4003	1	LOCKABLE SECURITY COVER - GRINDER	SB / GC	PROVIDED BY RAINIER
X4004	1	LOCKABLE EQUIPMENT COVER - BREWER	SB / GC	PROVIDED BY RAINIER
<b>STORAGE</b>				
10176	1	ROLLING PASTRY TRAY RACK	SB / GC	
10222	1	WIRE SHELF GRID AT SINK	SB / GC	
10416	9	WORKROOM WIRE SHELVING	SB / GC	
10462	9	WORKROOM WIRE SHELVING POSTS	SB / GC	
10698	1	MOP RACK WITH 3 HOLDERS	SB / GC	
10838	1	ROLLING WIRE CART FOR 3 COMP SINK	SB / GC	
13578	2	DISHWARE DRYING RACK - 21IN 535MM	SB / GC	
13834	1	BASE - 24X18IN 610X455MM	SB / GC	
14449	1	WORKROOM WIRE SHELVING CO2 KIT - 30X18IN 760X455MM	SB / GC	

PLUMBING FIXTURE SCHEDULE - "P"				
DESIGN ID	COUNT	DESCRIPTION	RESP.	COMMENTS
<b>DRAIN</b>				
10294	4	DRAIN - FLOOR SINK SQUARE - 12IN 305MM	GC / GC	
<b>FAUCET</b>				
10152	1	FAUCET - DOUBLE LABORATORY WITH BENT RISER SPOUT	SB / GC	
10153	1	FAUCET - WATER TOWER - 12IN 305MM	SB / GC	
10215	2	FAUCET - DOUBLE LABORATORY WITH SWING SPOUT	SB / GC	
10447	1	FAUCET - PRE RINSE SPRAYER WALL MOUNTED	SB / GC	
10597	1	FAUCET - SINGLE HANDLE	SB / GC	
10804	1	FAUCET - PRE RINSE SWING SPOUT	SB / GC	
10874	1	FAUCET - HOT WATER DISPENSER GOOSENECK	SB / GC	
10922	1	FAUCET - MOP SINK WALL MOUNTED	SB / GC	
10943	1	FAUCET - SINGLE LABORATORY WITH SWING SPOUT	SB / GC	
11003	1	FAUCET - DIPPERWELL	SB / GC	
13588	1	FAUCET - HAND SINK WALL MOUNTED	SB / GC	
<b>FILTER</b>				
12501	1	FILTER - RO SYSTEM 600GPD	SB / GC	
12507	1	FILTER - RO SYSTEM 40GAL STORAGE TANK	SB / GC	
12896	1	FILTER - BRINE TANK	SB / GC	
12899	2	FILTER - POLY GLASS VESSEL	SB / GC	
13076	1	FILTER - PREFILTRATION SYSTEM	SB / GC	
13082	1	FILTER - WATER SOFTENER TWIN	SB / GC	
13149	1	FILTER - PRESSURE GAUGE	SB / GC	
<b>OTHER</b>				
11109	1	WATER HEATER 50GAL 190L ELECTRIC	GC / GC	AOR TO SPECIFY
<b>SINK</b>				
10505	1	SINK - RINSE DROP IN - 27X20IN 685X510MM	SB / GC	
10549	1	SINK - RINSE DROP IN SINK - 12X20IN 305X510MM	SB / GC	
10995	1	SINK - MOP - 24X24IN 610X610MM	GC / GC	
12807	1	SINK - UTENSIL RINSE WITH GRATE SST - LH - 14X20IN 355X510MM	SB / GC	
13264	1	SINK - 3 COMP WOK SST - 93IN 2350MM	SB / GC	
14688	1	SINK - HAND WITH SIDE SPLASH WALL MOUNTED SST	SB / GC	

DATA DEVICE SCHEDULE - "A"				
DESIGN ID	COUNT	DESCRIPTION	RESP.	COMMENTS
<b>DATA</b>				
10000	2	PHONE 1 LINE	LC / LC	
<b>POINT OF SALE</b>				
10003	2	POS - REGISTER WITH FULL SIZE CASH DRAWER	LC / LC	SEE E-1 FOR ADDITIONAL INFO. REFER TO SPECIFICATION SECTION 01019 FOR ALLOWANCE #1 FOR ALL DATA. POWER CIRCUITS AND CONDUIT BY GC
10008	1	POS - REGISTER WITH COMPACT CASH DRAWER	LC / LC	
10014	3	POS PRINTER	LC / LC	
10029	5	POS BANK	LC / LC	

WINDOW SCHEDULE - "W"				
DESIGN ID	COUNT	DESCRIPTION	RESP.	COMMENTS
<b>WINDOW</b>				
12310	1	WINDOW - WALK UP - 36X50IN 915X1270MM - ALUMINUM	GC / GC	USE IN CONJUNCTION WITH AA100 FLYFAN, AOR TO ENGINEER AND COORDINATE WITH LICENSEE

INTERIOR DOOR SCHEDULE - "D"				
DESIGN ID	COUNT	DESCRIPTION	RESP.	COMMENTS
<b>DOOR</b>				
X10190	1	CUSTOM DOOR - SINGLE FLUSH - 3'-0"x6'-8" WITH 2" H.M. FRAME	GC / GC	BLACK FINISH TO MATCH MT0028. SEE SPEC SECTION 08 71 00 FOR HARDWARE. PROVIDE STANDARD 161 PREP

EXTERIOR SIGNAGE SCHEDULE - "S"					
DESIGN ID	COUNT	DESCRIPTION	RESP.	BULB	COMMENTS
<b>SIGNAGE - DISK</b>					
13157	1	SIGN - DISK OF ILLUMINATED SUSPENDED EVOLVED - 24IN 610MM	LC / GC		REFER TO ALLOWANCE #4 SPECIFICATION SECTION 01019
14100	1	SIGN - DISK BLADE ILLUMINATED WALL MOUNTED EVOLVED - 24IN 610MM	LC / GC		REFER TO ALLOWANCE #4 SPECIFICATION SECTION 01019
<b>SIGNAGE - OTHER</b>					
13605	4	MENU BOARD - WALK UP - 28X21IN 710X535MM	SB / GC		MOUNTED TO X0000
X0000	1	CUSTOM OUTDOOR MENU STAND	GC / GC		2" METAL TUBE FRAME WITH MESH PANEL

LIGHTING FIXTURE SCHEDULE - "L"					
DESIGN ID	COUNT	DESCRIPTION	RESP.	BULB	COMMENTS
<b>LAMP</b>					
12871	3	CFL BIAH 10-19W	SB / GC		
14673	12	LED PAR 30 850LM 2700K NFL - BLACK	SB / GC		
<b>PENDANT</b>					
14363	5	PENDANT - SMALL OMBRE TEARDROP - BROWN TRANSPARENT GLASS GLO005	SB / GC	(1) 14379 - LED EDISON T10 2W STARLIGHT, OR EQUAL	[SUSPEND AT 6'-6" AFF
<b>RECESSED CAN</b>					
12561	3	CAN - RECESSED HOUSING - 5IN 125MM - BLACK	SB / GC	(1) 12871 - CFL BIAH 10-19W	
13244	3	CAN - RECESSED TRIM REFLECTOR - 5IN 125MM - WHITE	SB / GC		
<b>TRACK</b>					
11521	12	TRACK - FIXTURE ENCLOSED - 5IN 125MM - BLACK	SB / GC	(1) 14673 - LED PAR 30 850LM NFL BLACK, OR EQUAL	
12949	1	TRACK - WITH CONNECTORS - 12FT 365CM - BLACK	SB / GC		
<b>LED LIGHT</b>					
A	3	WALL MOUNTED FIXTURE - WILLIAMS ASM-S-4-L25/835-A-DIM-UNV OR EQUAL	GC / GC	LED	

PAINT SCHEDULE				
COLOR CODE	DESCRIPTION	LRV	RESP.	COMMENTS
BLACK	EGGSHELL-DOOR AND DOOR FRAME		GC/GC	SHERWIN WILLIAMS USE PRIMER CP-1
WHITE	EGGSHELL-PLUMBING WALL BEHIND EXISTING GLAZING		GC/GC	SHERWIN WILLIAMS USE PRIMER CP-1;
EXISTING	MATCH EXISTING AGENCY'S SURFACE		GC/GC	

CASEWORK SCHEDULE - "C" (NOTE: ALL CABINETS SHALL BE PROVIDED WITH LOCKS)				
DESIGN ID	COUNT	DESCRIPTION	RESP.	COMMENTS
<b>CABINET</b>				
11945	1	CABINET - 12IN 305MM	SB / FC	
11972	1	CABINET - ESPRESSO - 24IN 610MM	SB / FC	
11990	1	CABINET - POS WITH FILLER - LH - 29IN 735MM	SB / FC	
12007	2	CABINET - SINK OR ICE BIN - 24IN 610MM	SB / FC	
12066	1	CABINET - ESPRESSO HANDOFF NARROW - 24X9.5IN 610X215MM	SB / FC	
12067	1	CABINET - WARMING WITH TRASH DROP - 12IN 305MM	SB / FC	
12074	1	CABINET - BREW GRIND WITH PULLOUT SHELF - RH - 33IN 840MM	SB / FC	
12080	3	CABINET - 15IN 380MM	SB / FC	
12086	1	CABINET - POS WITH FILLER - RH - 29IN 735MM	SB / FC	
12096	1	CABINET - WITH DRAWER - 15IN 380MM	SB / FC	
12786	1	CABINET - WITH TRASH DROP - 15IN 380MM	SB / FC	
12846	1	CABINET - PACKAGED FOOD CUBBY INSET - 24X9.5IN 610X215MM	SB / GC	
X12086	1	CUSTOM CABINET - POS WITH FILLER - RH - 29IN 735MM	SB / FC	
X12755	1	CABINET - 32IN± 812 MM	SB / FC	CUSTOM SIZE TO FIT SPACE
<b>CAFE</b>				
12236	2	CONDIMENT CART SINGLE TOP SOLID SURFACE	SB / GC	
13374	2	CONDIMENT CART SINGLE BASE FRAME	SB / GC	NOT PROVIDED BY CASEWORK VENDOR
13377	1	CONDIMENT CART SINGLE FINISH PANELS	SB / GC	
13399	2	CONDIMENT CART SINGLE METAL TOP	SB / GC	NOT PROVIDED BY CASEWORK VENDOR
X14291	1	CUSTOM CONDIMENT CART SINGLE FINISH PANELS WITH LAMINATE FINISH	SB / GC	PLAM FINISH ON ALL SIDES WITH METAL BOND EDGES
X15219	2	CUSTOM MERCH FEATURE CUBE FREESTANDING TALL WITH CASTORS - DARK WARM BROWN WD0001	SB / GC	NOT PROVIDED BY CASEWORK VENDOR - CASTORS REQUIRED
<b>COUNTERTOP</b>				
12062	1	COUNTERTOP - ESPRESSO RINSE SINK SOLID SURFACE - RH - 126 OR 137IN 3200 OR 3480MM 1650MM	SB / FC	
12464	1	COUNTERTOP - POS SOLID SURFACE - 65IN 1650MM	SB / FC	
12475	1	COUNTERTOP - CBS SOLID SURFACE - RH - 100IN 2540MM	SB / FC	

GRAPHICS AND ARTWORK SCHEDULE - "G"				
DESIGN ID	COUNT	DESCRIPTION	RESP.	COMMENTS
<b>GRAPHICS - INTERIOR MENU</b>				
12837	5	MENU BOARD - 1 FRONT PANEL INSERT STYLE	SB / GC	
12838	1	MENU BOARD - DAILY OFFERING CHALKBOARD FRONT PANEL RECTANGULAR	SB / GC	
12839	6	MENU BOARD - UNIVERSAL MOUNTING HARDWARE FOR FRONT PANELS	SB / GC	
<b>GRAPHICS - OTHER</b>				
X1000	1	SIGN - IN-LINE FLUSH MOUNTED - 8IN ETCHED LETTERS	SB / GC	BLACK LETTERS ON MT0028 METAL BAND. COORDINATE WITH STARBUCKS DM
X1001	1	60" SIREN LOGO	SB / GC	SEMI-TRANSPARENT BLACK LOGO STAINED ON WOOD. LOGO PRINT TO WRAP CORNER. COORDINATE WITH STARBUCKS DM
X1002	1	CUSTOM GRAPHIC - SBXART_14Q3_00863	SB / GC	ART ON METAL CLADDING, COORDINATE WITH STARBUCKS DM
X1003	1	CUSTOM GRAPHIC - SBXART_14Q3_00882	SB / GC	ART ON METAL CLADDING, COORDINATE WITH STARBUCKS DM
X1004	1	CUSTOM GRAPHIC - SBXART_00903	SB / GC	1" BLACK FRAME BY GRAPHIC VENDOR. COORDINATE WITH STARBUCKS DM
X1005	3	CUSTOM GRAPHIC - SBXART_00855	SB / GC	MENU BACKER PANEL PRINTED GREY ON BLACK WOOD BY GRAPHIC VENDOR

FLOOR TREATMENT SCHEDULE - "T"				
DESIGN ID	AREA	DESCRIPTION	RESP.	COMMENTS
<b>TILE</b>				
11467	301 SF	TILE - WORKROOM	GC / GC	LOCALLY SOURCED
14443	1035 SF	TILE - GRAPHITE TROWELED PATTERN - 12X24IN 300X600MM	SB / GC	GROUT GR0008: MAPEI - 10 BLACK; LATICRETE - 45 RAVEN, GC TO SUPPLY GROUT

WALL BASE SCHEDULE - "B"				
DESIGN ID	LENGTH	DESCRIPTION	RESP.	COMMENTS
<b>TILE BASE</b>				
11434	100' - 11 1/2'	TILE BASE - WORKROOM	GC / GC	LOCALLY SOURCED
13101	199' - 4 1/2'	TILE BASE - GRAPHITE - 6X12IN 150X305MM	SB / GC	GROUT GR0007: MAPEI - 10 BLACK; CHARCOAL; LATICRETE 35 - MOCHA; USE WITH OUTSIDE CORNER TILE 12300 TILE PROVIDED BY SB, GROUT PROVIDED BY GC

WALL TREATMENT (AREA) SCHEDULE - "Q"				
DESIGN ID	AREA	DESCRIPTION	RESP.	COMMENTS
<b>FILM</b>				
X9401	382 SF	OPAQUE WINDOW FILM	LC / GC	COORDINATE WITH STARBUCKS DM
<b>PLASTIC</b>				
11469	544 SF	FRP - WHITE	GC / GC	
<b>TILE</b>				
14390	55 SF	TILE - MOTTLED BRIGHT WHITE - 2X8IN 50X200MM	SB / GC	GROUT GR0008: MAPEI - 10 BLACK; LATICRETE - 45 RAVEN BY GC
<b>WALL COVERING</b>				
14302	117 SF	VINYL - WALL COVERING - BLACK WOVEN PATTERN	SB / GC	
<b>WOOD</b>				
X9400	225 SF	WOOD WALL CLADDING - GREY - RUSTIC	SB / GC	

WALL TREATMENT (LENGTH) SCHEDULE - "R"				
DESIGN ID	LENGTH	DESCRIPTION	RESP.	COMMENTS
<b>CHAIR RAIL</b>				
X9402	21' - 0"	CUSTOM CHAIR RAIL - 6IN - WD0001 AT 9'-6" AFF	SB / GC	

### RESPONSIBILITY LEGEND - LICENSED STORES

SB / GC FURNISHED BY STARBUCKS / INSTALLED BY AGENCY'S GENERAL CONTRACTOR  
 SB / FC FURNISHED BY STARBUCKS / INSTALLED BY STARBUCKS FIXTURE CONTRACTOR  
 GC / GC FURNISHED BY AGENCY'S GENERAL CONTRACTOR / INSTALLED BY AGENCY'S GENERAL CONTRACTOR  
 LC / GC FURNISHED BY AGENCY / INSTALLED BY AGENCY'S GENERAL CONTRACTOR  
 LC / LC FURNISHED BY AGENCY / INSTALLED BY AGENCY

CASEWORK SCHEDULE - "C" (NOTE: ALL CABINETS SHALL BE PROVIDED WITH LOCKS)				
DESIGN ID	COUNT	DESCRIPTION	RESP.	COMMENTS
12756	1	COUNTERTOP - BACKBAR SOLID SURFACE - BLACK	SB / FC	
12782	1	COUNTERTOP - BREW GRIND RINSE SINK SOLID SURFACE - RH - 90IN 2285MM	SB / FC	
13265	1	COUNTERTOP - HAND SINK LOW SPLASH STAINLESS - 15IN 380MM	SB / FC	
X5006	1	CUSTOM COUNTERTOP - WALK UP WINDOW. CORIAN DEEP NIGHT SKY.	GC / GC	
X5009	1	CUSTOM COUNTERTOP - GATE TOP CAP SOLID SURFACE	SB / FC	
X12091	1	CUSTOM COUNTERTOP - HANDOFF SOLID SURFACE - RH - 30X33IN 760X840MM	SB / FC	
X12124	1	CUSTOM COUNTERTOP - POS SOLID SURFACE - RH - 32IN 815MM		



REVISIONS		
NUMBER	DATE	DESCRIPTION

**akPark Architects LLC**  
312 Park Rd. W. Hartford, CT (860)232-6664

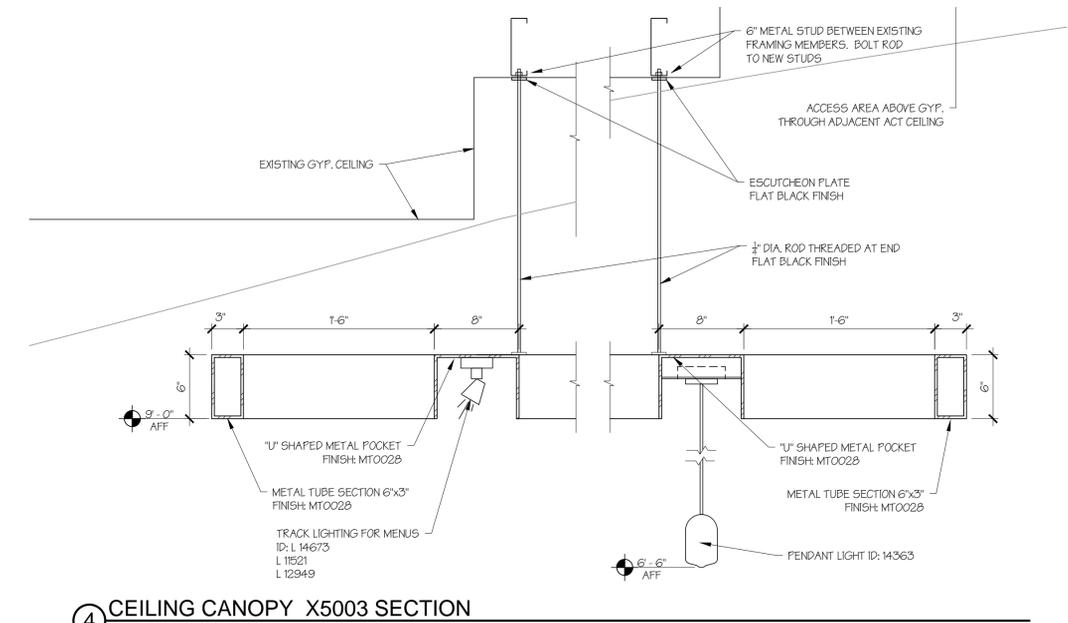
**QGL CONSULTING ENGINEERS, LLC**  
2074 PARK STREET  
HARTFORD, CT 06106  
TEL (860) 236-4288

**STARBUCKS CAFE RENOVATION ELIHU BURRITT LIBRARY**

**KEY PLAN**  
NOT TO SCALE

CCSU PROJECT No.:	22-89
DPW PROJECT No.:	N/A
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DATE:	01/27/2016
CAD FILE:	

<b>RCP &amp; LIGHTING DIMENSION PLAN</b>	
BUILDING No.:	DRAWING No.:
<b>22</b>	<b>I-1107</b>



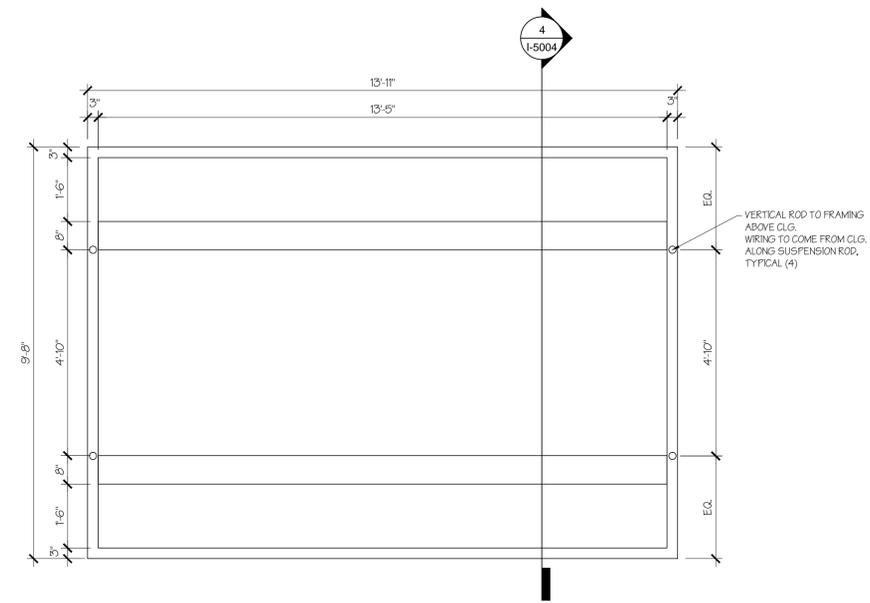
**4 CEILING CANOPY X5003 SECTION**  
Scale: 1 1/2" = 1'-0"

**SHEET NOTES**

- 1 SURFACE MOUNT LIGHT TRACK DIRECTLY TO CEILING FIXTURE.
- 2 ADJUST FOCUS OF ALL TRACK LIGHTING AND RECESSED DIRECTIONAL LIGHTING TO FULLY ILLUMINATE MENU BOARDS, MERCHANDISE BAYS, AND ARTWORK.
- 3 LIGHT FIXTURES IN ACOUSTICAL CEILING TILE TO BE CENTERED IN TILE, UNLESS OTHERWISE NOTED.
- 4 EXISTING LIGHTS AND CEILING TO REMAIN.
- 5 EXTERIOR LIGHTING AND FINISHES TO REMAIN. PATCH TOUCH UP PAINT WHERE WORK IS PERFORMED.
- 6 EXISTING CEILING FINISH TO REMAIN. GC TO PATCH, REPAIR, AND REPAINT TO MATCH AGENCY'S EXISTING FINISHES.

**REFLECTED CEILING PLAN NOTES**

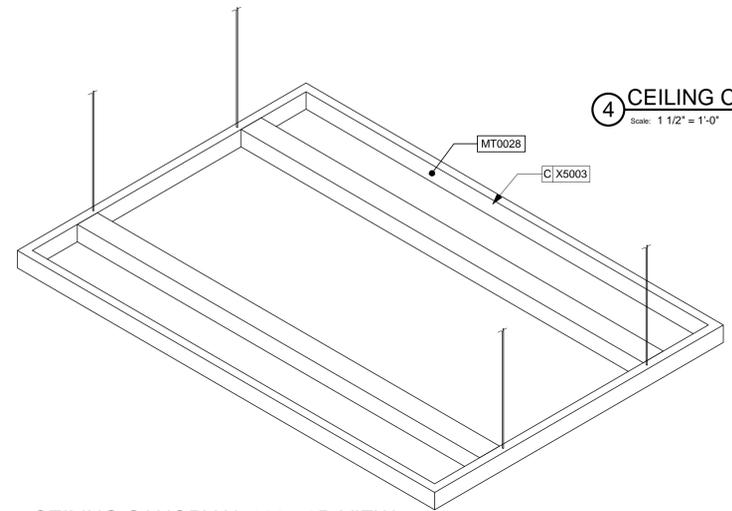
- A. REFER TO ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- B. GENERAL CONTRACTOR TO PROVIDE AND LOCATE SPRINKLERS PER LOCAL CODES. CONTACT ARCHITECT OF RECORD AND STARBUCKS PROJECT DEVELOPMENT MANAGER IF DESIGN INTENT IS AFFECTED.
- C. PROVIDE GROMMET AT ALL CEILING PENETRATIONS FOR FIXTURES OR SUPPORTS.
- D. REFER TO ELECTRICAL DRAWINGS FOR EMERGENCY LIGHTS/SIGNS. FIXTURES TO BE SUPPLIED BY GENERAL CONTRACTOR.
- E. BALLAST BOXES, TRANSFORMERS, JUNCTION BOXES, AND WIRING FOR ALL LIGHT FIXTURES TO BE INSTALLED HIDDEN FROM VIEW.
- F. FOR DESIGN ID TAGS, REFER TO SCHEDULES ON SHEET I-1106A.



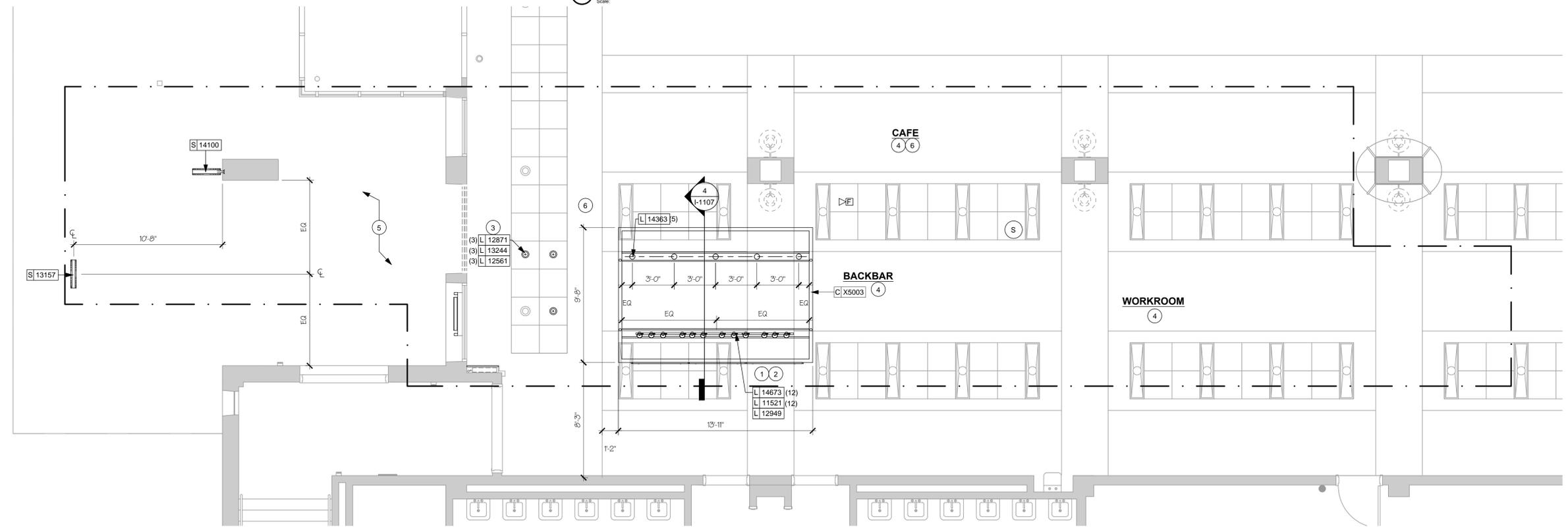
**3 CEILING CANOPY X5003 - PLAN**  
Scale: 1/2" = 1'-0"



**2 CEILING CANOPY X5003 - ELEVATION**  
Scale: 1/2" = 1'-0"



**1 CEILING CANOPY X5003 - 3D VIEW**  
Scale: 1/4" = 1'-0"



**1 REFLECTED CEILING PLAN**  
Scale: 1/4" = 1'-0"



**DRAWING LEGEND**

--- EXTENT OF WORK. SEE P-3, E0 & E-1 FOR ADDITIONAL EXTENT OF WORK

**WALL TREATMENT LEGEND**

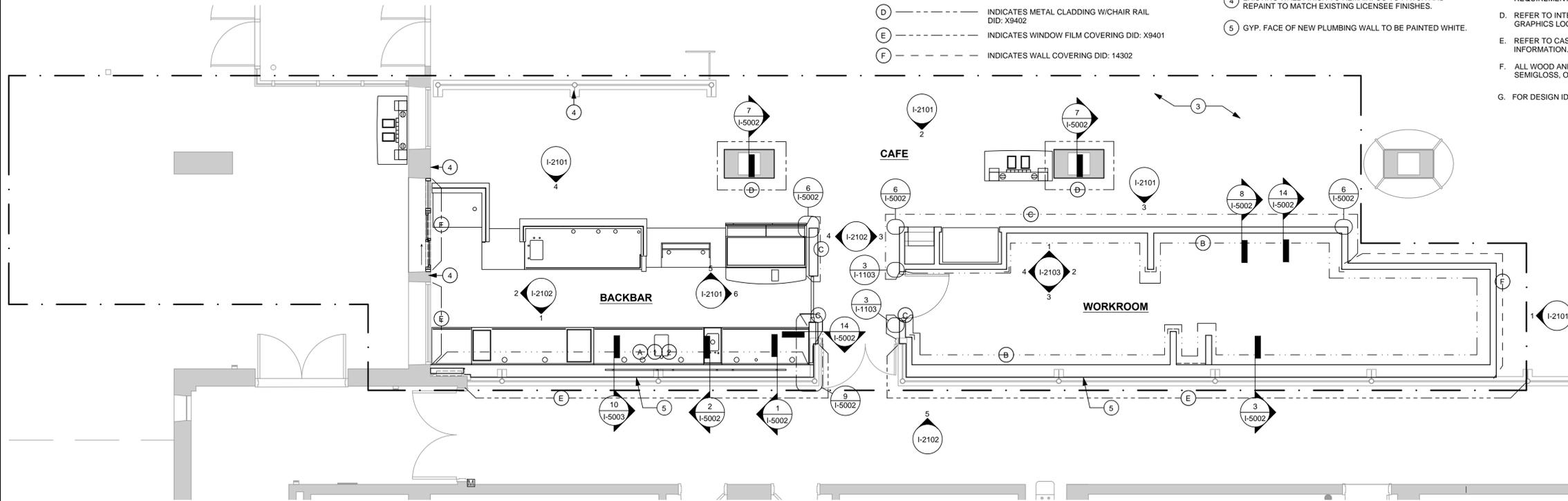
- (A) --- INDICATES BACKBAR WALL TILE DID: 14390
- (B) --- INDICATES FRP DID: 11469
- (C) --- INDICATES WOOD CLADDING DID: X9400
- (D) --- INDICATES METAL CLADDING W/CHAIR RAIL DID: X9402
- (E) --- INDICATES WINDOW FILM COVERING DID: X9401
- (F) --- INDICATES WALL COVERING DID: 14302

**SHEET NOTES**

- 1 SEE INTERIOR ELEVATIONS FOR EXTENT OF BACK BAR WALL TILE.
- 2 BACKBAR WALL TILE TO BE INSTALLED IN "RUNNING BOND" PATTERN.
- 3 EXISTING FINISHES OUT OF STARBUCKS SCOPE TO REMAIN.
- 4 EXISTING WALL FINISH TO REMAIN. GC TO PATCH AND REPAINT TO MATCH EXISTING LICENSEE FINISHES.
- 5 GYP. FACE OF NEW PLUMBING WALL TO BE PAINTED WHITE.

**WALL FINISH PLAN NOTES**

- A. GENERAL CONTRACTOR TO PATCH AND REPAIR ANY DAMAGE TO EXISTING WALLS TO A SMOOTH, PAINT READY SURFACE PRIOR TO PAINTING.
- B. CHANGE OF PAINT COLOR ALLOWED ONLY AT INSIDE CORNERS, UNLESS OTHERWISE NOTED.
- C. WORKROOM TO BE FINISHED PER LOCAL CODE REQUIREMENTS.
- D. REFER TO INTERIOR ELEVATIONS FOR PAINT COLORS AND GRAPHICS LOCATIONS.
- E. REFER TO CASEWORK FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
- F. ALL WOOD AND METAL SURFACES SHALL BE PAINTED SEMI-GLOSS, OR EQUAL, UNLESS OTHERWISE NOTED.
- G. FOR DESIGN ID TAGS, REFER TO SCHEDULES ON SHEET I-1106A.



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

Central Connecticut State University



1615 Stanley Street  
New Britain, CT 06050

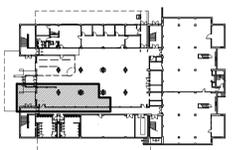
**REVISIONS**

NUMBER	DATE	DESCRIPTION

**akPark Architects LLC**  
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**QGL CONSULTING ENGINEERS, LLC**  
2074 PARK STREET  
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**KEY PLAN**  
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**FLOOR FINISH LEGEND**

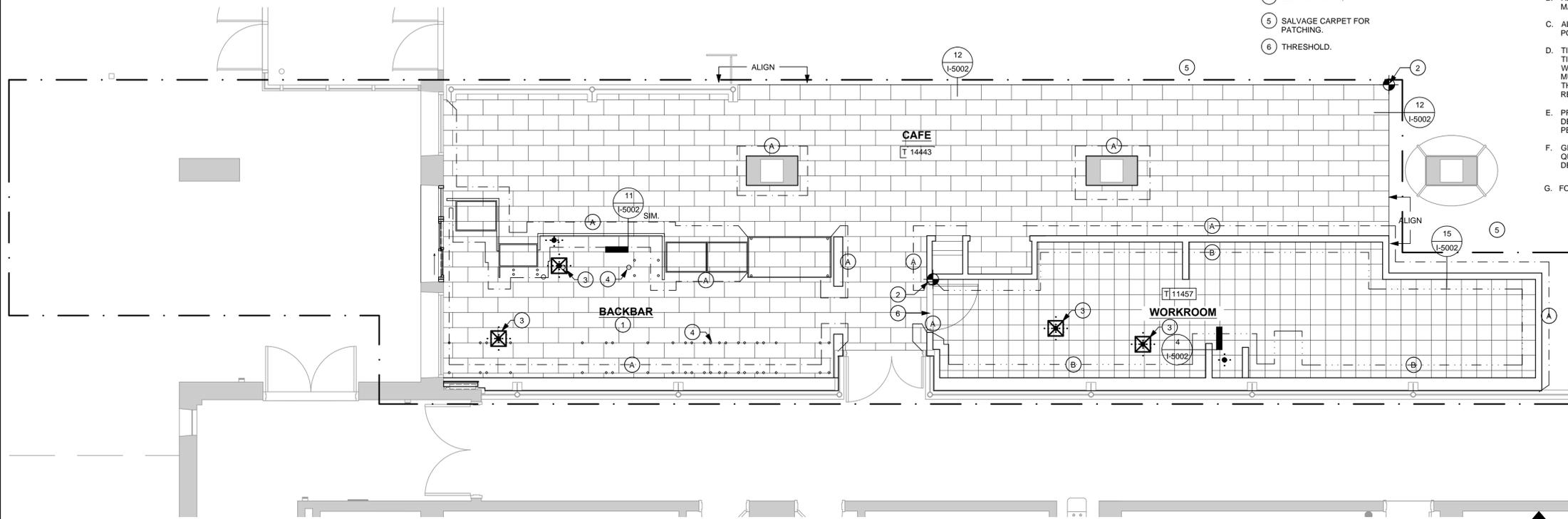
- (A) --- TILE BASE DID: 13101
- (B) --- WORKROOM TILE BASE DID: 11434
- DATUM POINT

**SHEET NOTES**

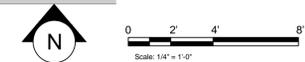
- 1 CABINET BASES TO BE SET AFTER FLOOR TILE INSTALLATION.
- 2 TILE INSTALLATION START POINTS WHERE INDICATED.
- 3 FLOOR SINK/FLOOR DRAIN LOCATION WHERE INDICATED PENETRATION PLAN.
- 4 LEG SUPPORTS, TYP.
- 5 SALVAGE CARPET FOR PATCHING.
- 6 THRESHOLD.

**FLOOR FINISH PLAN NOTES**

- A. STARBUCKS TO SUPPLY RETAIL AREA FLOOR TILE AND TILE BASE. GENERAL CONTRACTOR TO SUPPLY WORKROOM TILE AND BASE. GENERAL CONTRACTOR TO INSTALL ALL TILE AND BASE. GENERAL CONTRACTOR TO SUPPLY AND INSTALL MORTAR, ADHESIVE AND GROUT. GENERAL CONTRACTOR TO INSPECT ALL TILE AND REJECT DAMAGED OR SUB-STANDARD TILES PRIOR TO INSTALLATION.
- B. ALL FLOORING AND BASE MATERIAL TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
- C. ALIGN TILE TRANSITIONS ON WHOLE TILES WHERE POSSIBLE.
- D. TILE BASE AND THRESHOLD GROUT JOINTS TO ALIGN WITH TILE FLOOR GROUT JOINTS. REMOVAL OF EXCESS GROUT WILL BE DONE WITH WATER. THE USE OF SULFURIC OR MURIATIC ACID IS PROHIBITED. IF THESE ACIDS ARE USED, THE INSTALLER WILL BE REQUIRED TO REMOVE THE ACID AND RESTORE THE GROUT AT THEIR EXPENSE.
- E. PROVIDE GROUT JOINT OF 3/16" (6MM). MAXIMUM DEVIATION FOR THE TILE AND GROUT LINE OF 1/4" (6MM) PER 48" (1220MM).
- F. GENERAL CONTRACTOR TO PROVIDE ACCURATE TILE QUANTITY TAKE-OFFS TO STARBUCKS PROJECT DEVELOPMENT MANAGER FOR ACCURATE ORDERING.
- G. FOR DESIGN ID TAGS, REFER TO SCHEDULES ON SHEET I-1106A.



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



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**FLOOR FINISH PLAN AND WALL FINISH PLAN**

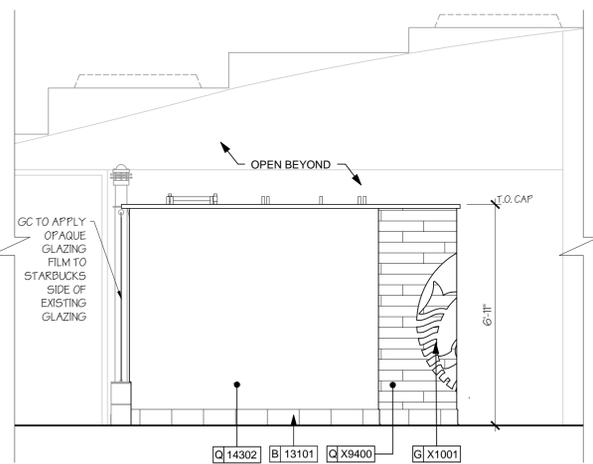
BUILDING No.:	DRAWING No.:
<b>22</b>	<b>I-1109</b>

**SHEET NOTES**

- 1 AGENCY'S EXISTING FINISH.
- 2 EXISTING LIGHTING TO REMAIN.
- 3 SECURITY COVER X5015 PROVIDED BY SB INSTALLED BY GC.

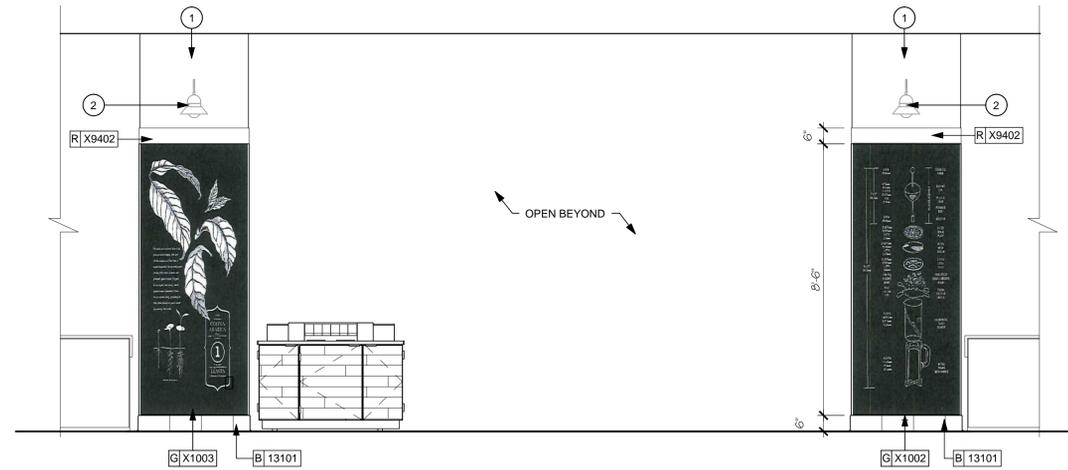
**INTERIOR ELEVATION NOTES**

- A. REFER TO ARTWORK PROVIDER'S INSTRUCTIONS SHIPPED WITH ARTWORK FOR INSTALLATION AND SPACING REQUIREMENTS.
- B. CHANGE OF PAINT COLOR ALLOWED ONLY AT INSIDE CORNERS, UNLESS OTHERWISE NOTED.
- C. FOR WALL TREATMENT SCHEDULES, REFER TO WALL FINISH PLAN I-1009.
- D. INSTALL BACKBAR WALL CABINETS BEFORE WALL TILE, RUN BACKBAR WALL TILE TO UNDERSIDE OF WALL CABINETS, NOT BEHIND CABINETS.
- E. FOR DESIGN ID TAGS, REFER TO SCHEDULES ON SHEET I-1106A.



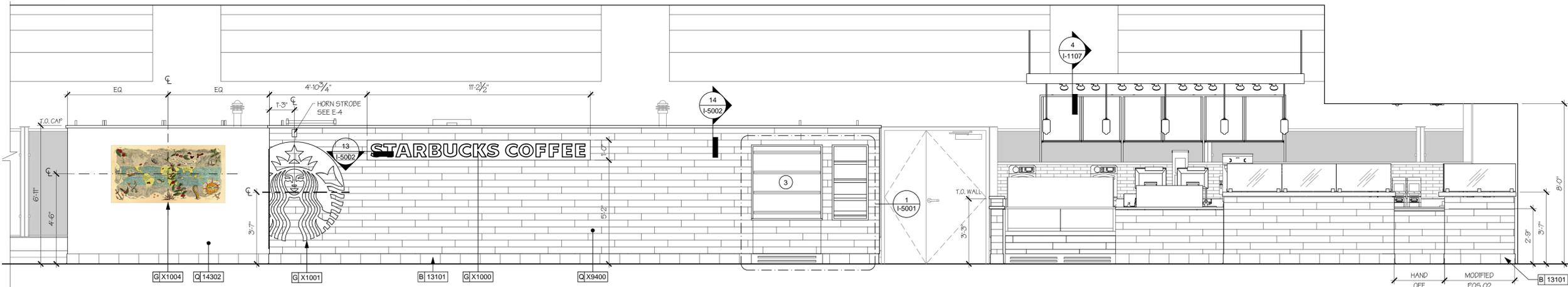
1 CAFE WOOD WALL SIDE ELEVATION

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



2 COLUMN ELEVATION

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

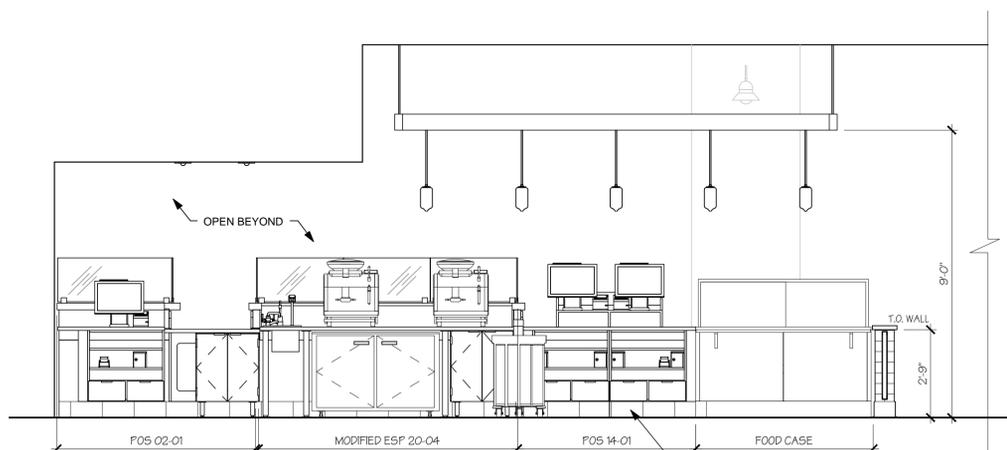


3 CAFE WOOD WALL ELEVATION

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

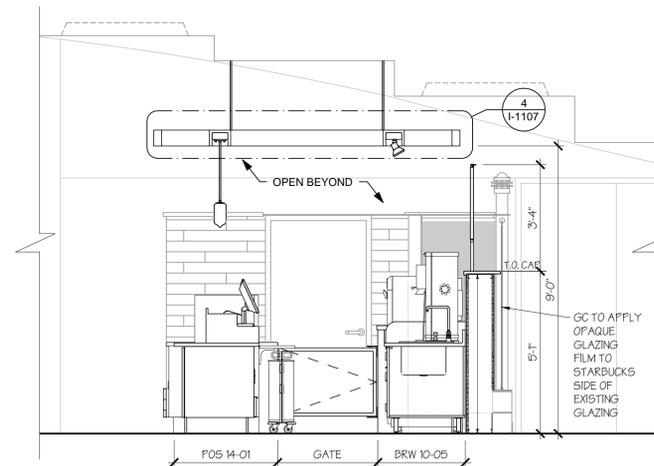
4 BACKBAR NORTH ELEVATION (PATRON SIDE)

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



5 BACKBAR NORTH ELEVATION (PARTNER SIDE)

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



6 BACKBAR EAST ELEVATION

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



Central Connecticut State University



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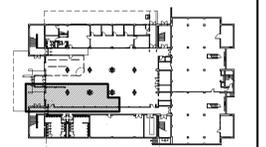
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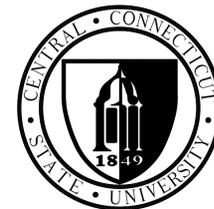
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DPW PROJECT No.:	N/A
DRAWN BY:	LLD
DATE:	01/27/2016
CAD FILE:	

**INTERIOR ELEVATIONS**

BUILDING No.:      DRAWING No.:

**22**

**I-2101**



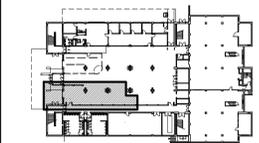
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INTERIOR ELEVATIONS

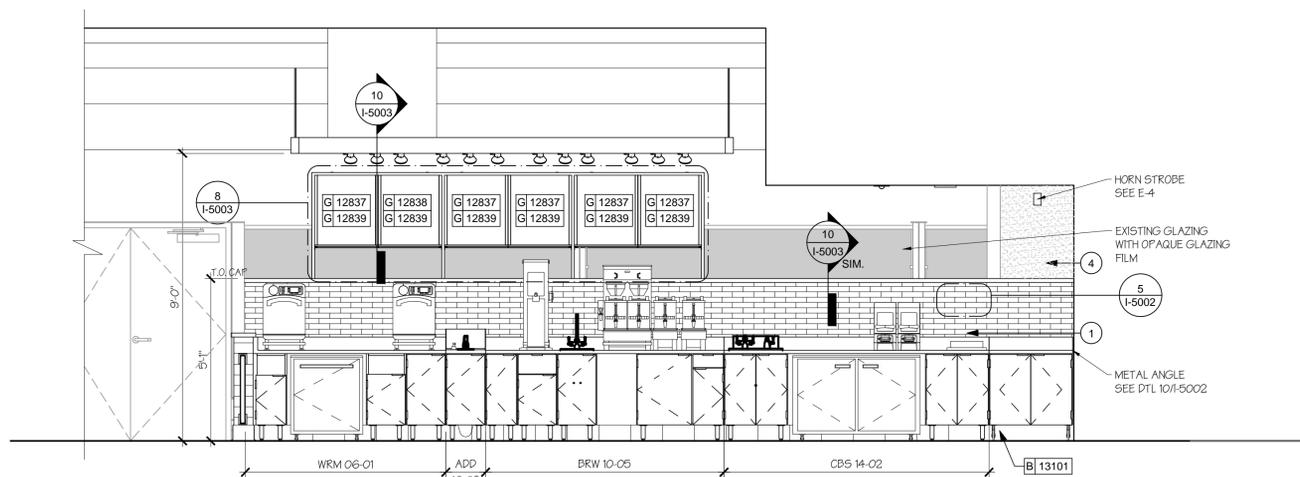
BUILDING No.:	DRAWING No.:
22	I-2102

SHEET NOTES

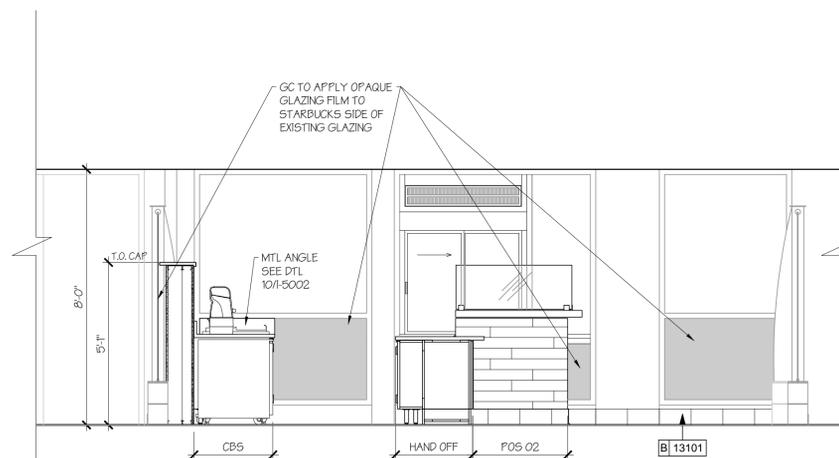
- BACK BAR WALL TILE TO EXTEND FULL HEIGHT BEHIND WARMING STATION DOWN TO TOP OF TILE BASE.
- GC TO REMOVE AND REINSTALL GLAZING TO ALLOW NEW WALL CONSTRUCTION AND PAINTING. GC TO APPLY GLAZING FILM TO STARBUCKS'S SIDE OF GLAZING.
- EXISTING DOOR TO REMAIN AS IS, NO WORK OR NEW PAINT.
- NEW WALL WHERE EXISTING ELECTRICAL PANEL IS REMOVED.

INTERIOR ELEVATION NOTES

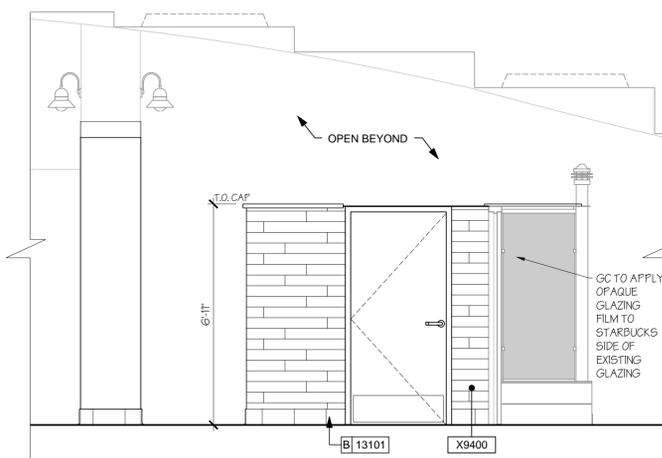
- REFER TO ARTWORK PROVIDER'S INSTRUCTIONS SHIPPED WITH ARTWORK FOR INSTALLATION AND SPACING REQUIREMENTS.
- CHANGE PAINT COLOR ALLOWED ONLY AT INSIDE CORNERS, UNLESS OTHERWISE NOTED.
- FOR PAINT AND WALL TREATMENT SCHEDULES, REFER TO WALL FINISH PLAN.
- INSTALL BACKBAR WALL CABINETS BEFORE WALL TILE. RUN BACKBAR WALL TILE TO UNDERSIDE OF WALL CABINETS, NOT BEHIND CABINETS.
- FOR DESIGN ID TAGS, REFER TO SCHEDULES ON SHEET I-1106A.



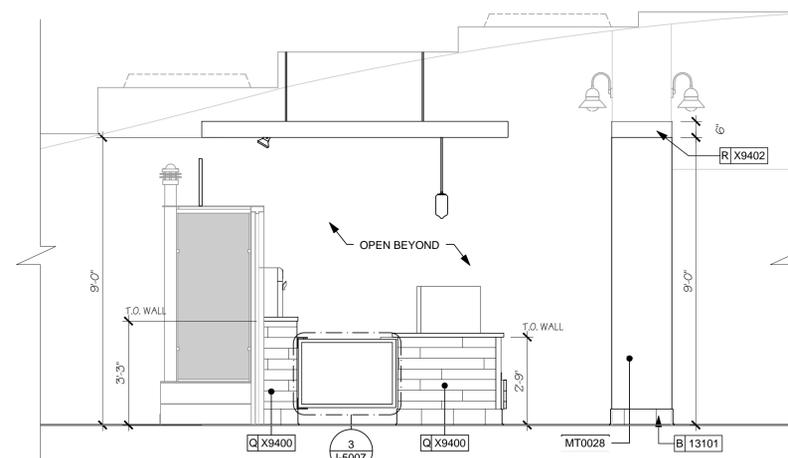
1 BACKBAR SOUTH ELEVATION (PARTNER SIDE)  
Scale: 3/8" = 1'-0"



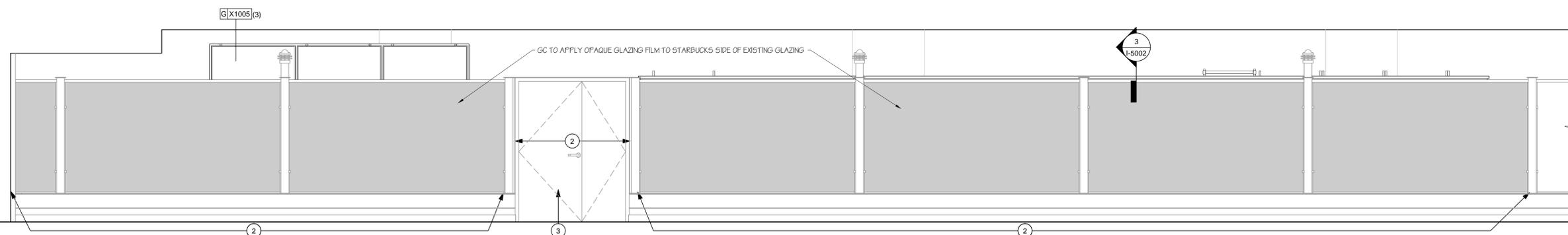
2 BACKBAR WEST ELEVATION  
Scale: 3/8" = 1'-0"



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



4 BACKBAR ENTRY ELEVATION  
Scale: 3/8" = 1'-0"



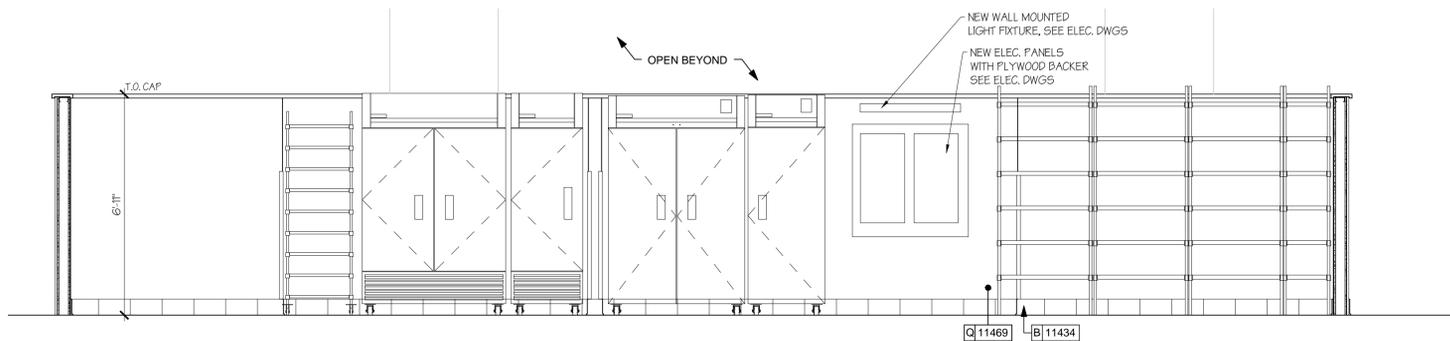
5 HALLWAY NORTH ELEVATION  
Scale: 3/8" = 1'-0"





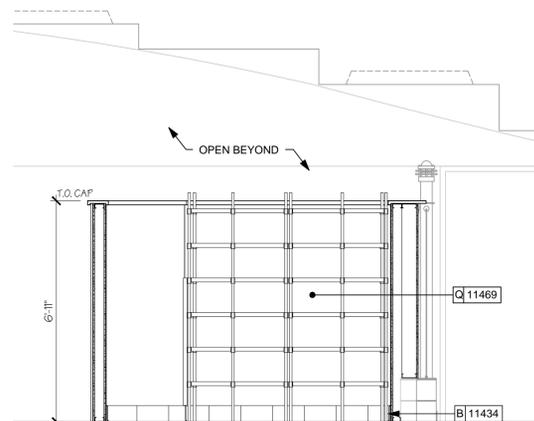
**INTERIOR ELEVATION NOTES**

- A. REFER TO ARTWORK PROVIDER'S INSTRUCTIONS SHIPPED WITH ARTWORK FOR INSTALLATION AND SPACING REQUIREMENTS.
- B. CHANGE PAINT COLOR ALLOWED ONLY AT INSIDE CORNERS, UNLESS OTHERWISE NOTED.
- C. FOR WALL TREATMENT SCHEDULES, REFER TO WALL FINISH PLAN I-1109.



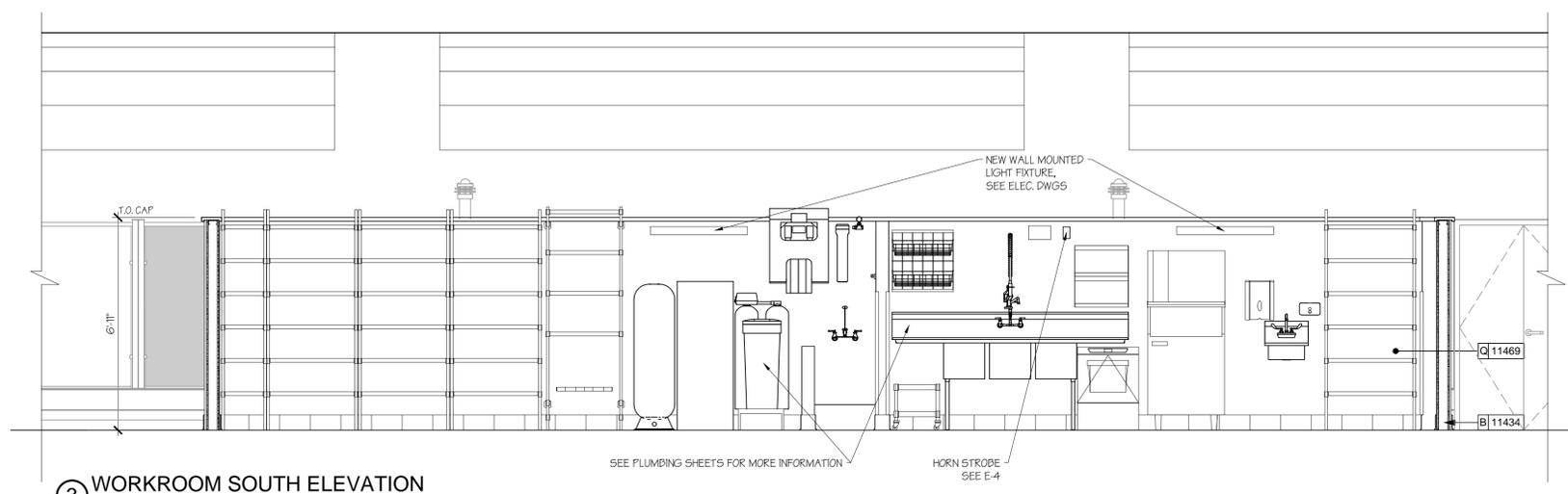
**1 WORKROOM NORTH ELEVATION**

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



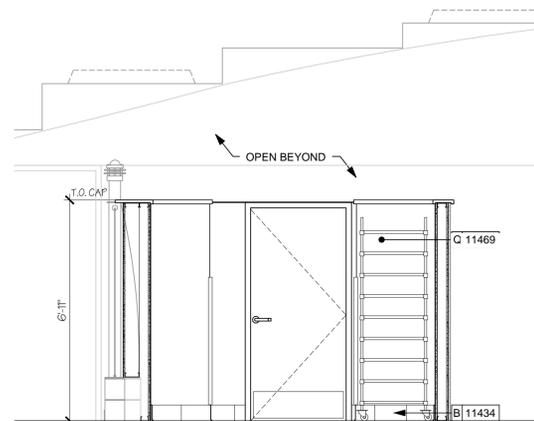
**2 WORKROOM EAST ELEVATION**

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



**3 WORKROOM SOUTH ELEVATION**

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



**4 WORKROOM WEST ELEVATION**

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

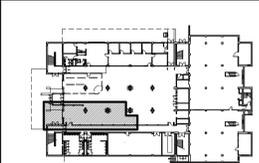
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2074 PARK STREET  
HARTFORD, CT 06106  
TEL (860) 236-4288

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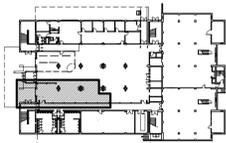
**INTERIOR ELEVATIONS**

BUILDING No.:	DRAWING No.:
<b>22</b>	<b>I-2103</b>



REVISIONS

NUMBER	DATE	DESCRIPTION

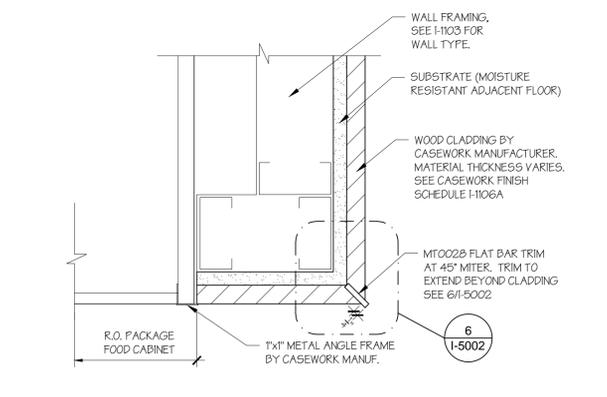
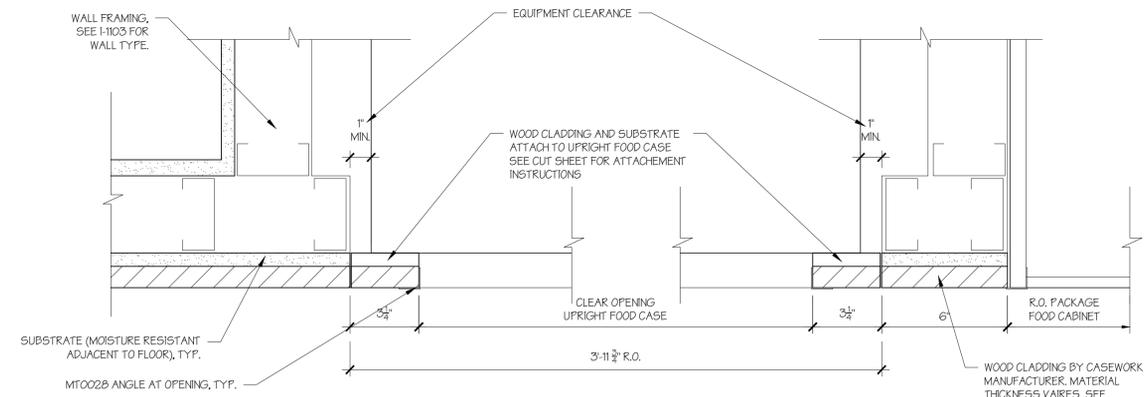
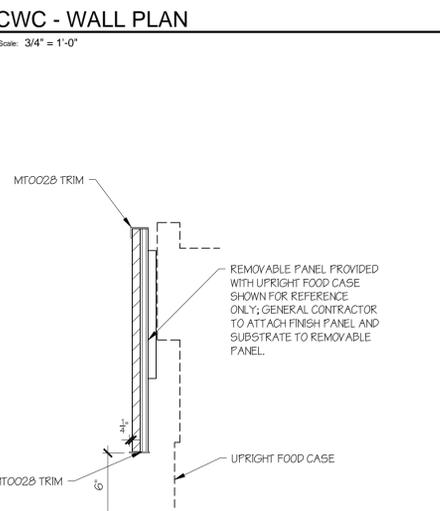
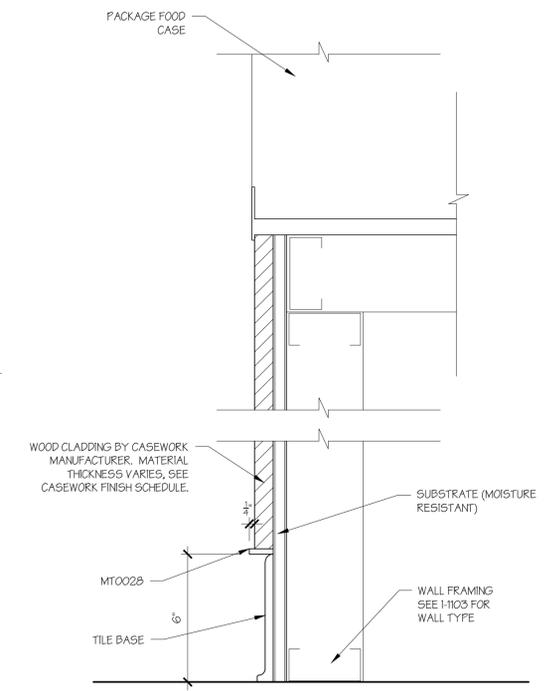
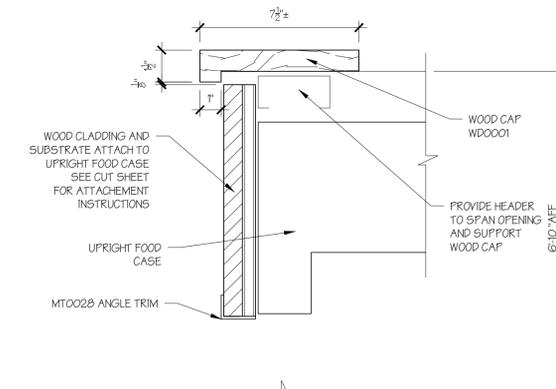
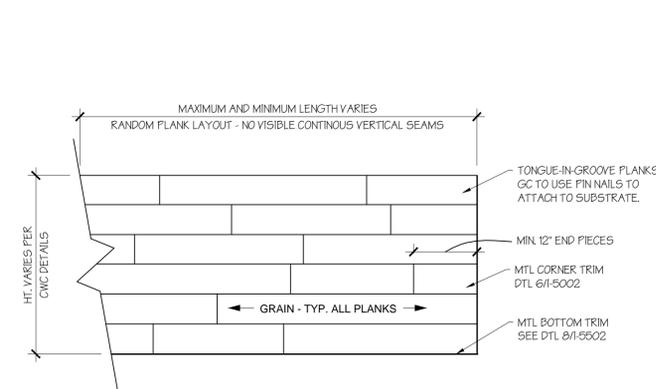
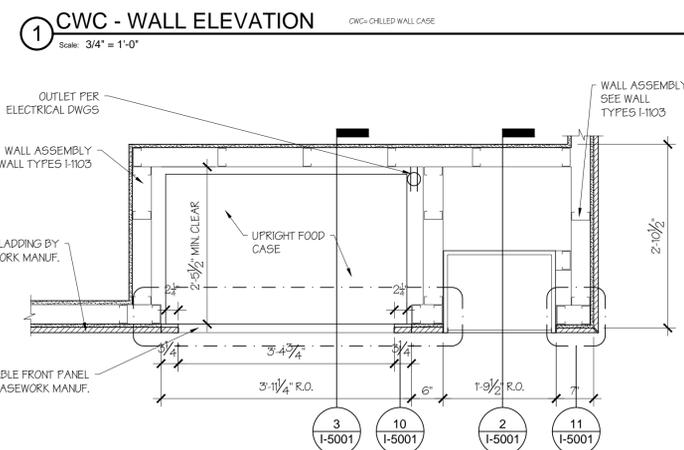
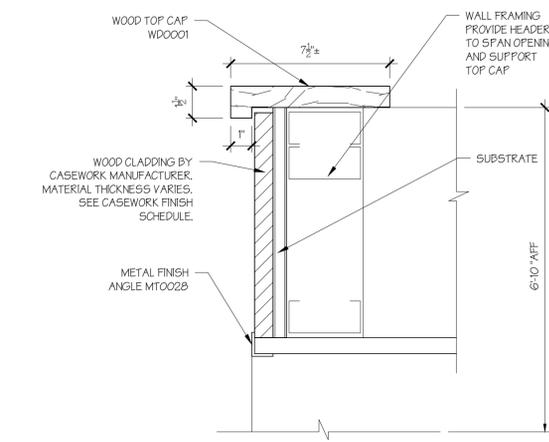
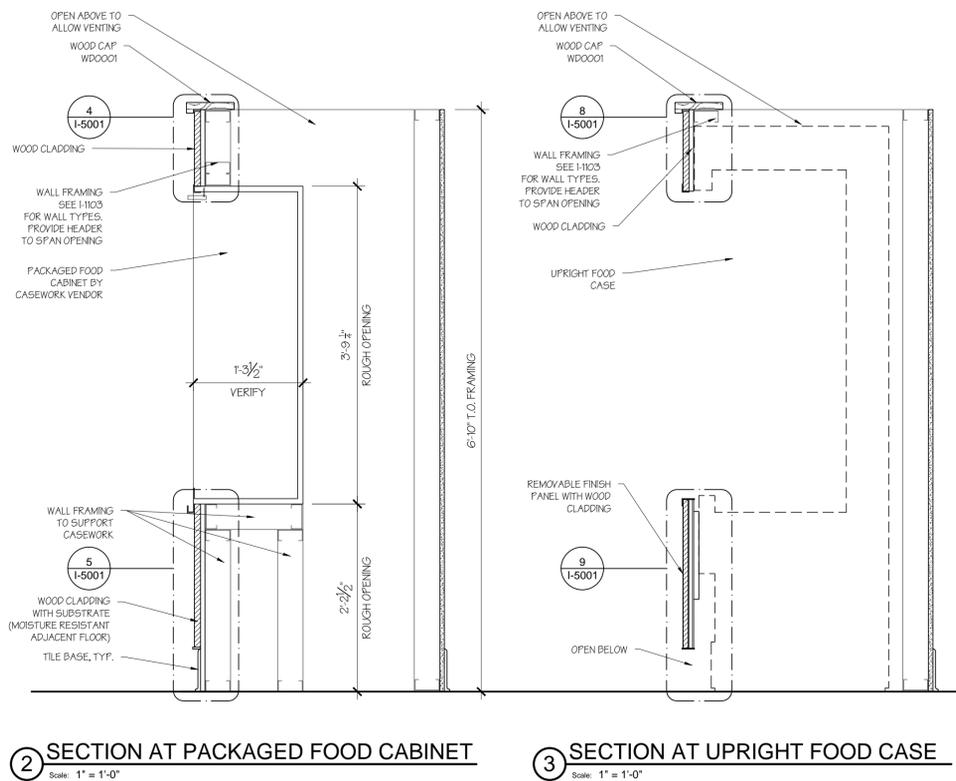
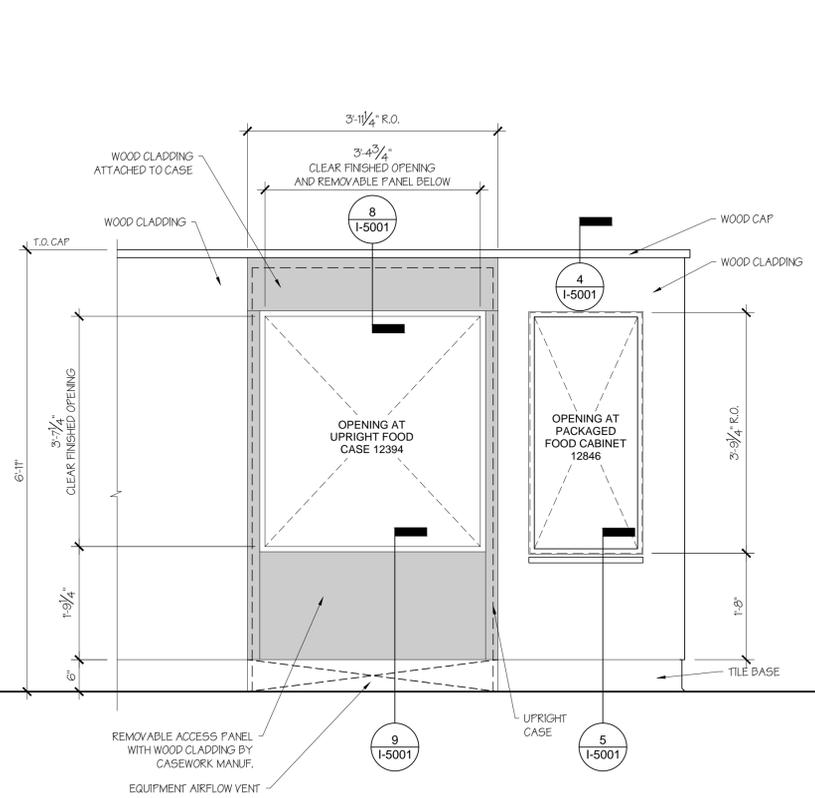


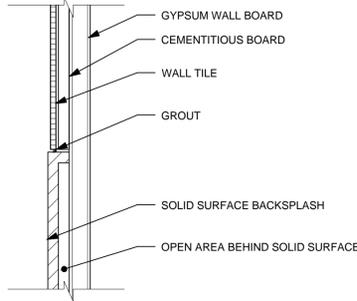
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DRAWN BY:	LLD
DATE:	01/27/2016
CAD FILE:	

DESIGN DETAILS

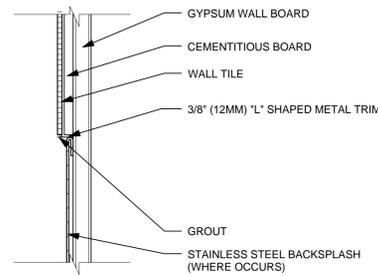
BUILDING No.:	DRAWING No.:
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22 I-5001

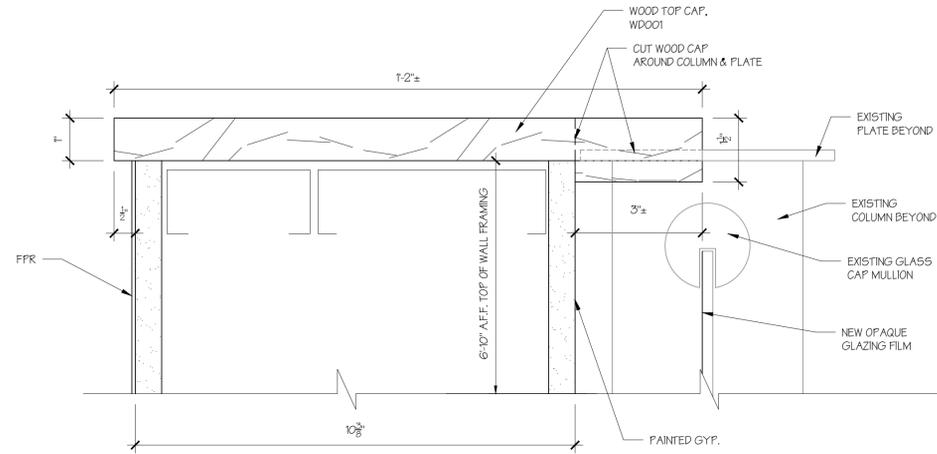




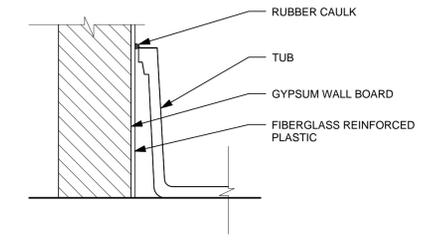
1 WALL TILE ABV SS BACKSPLASH  
Scale: 3" = 1'-0"



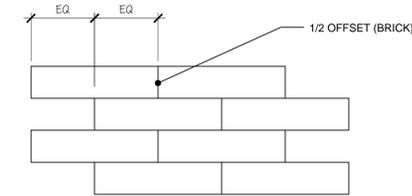
2 WALL TILE ABOVE SST BACKSPLASH  
Scale: 3" = 1'-0"



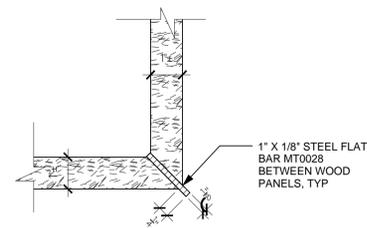
3 TOP CAP AT WORKROOM  
Scale: 6" = 1'-0"



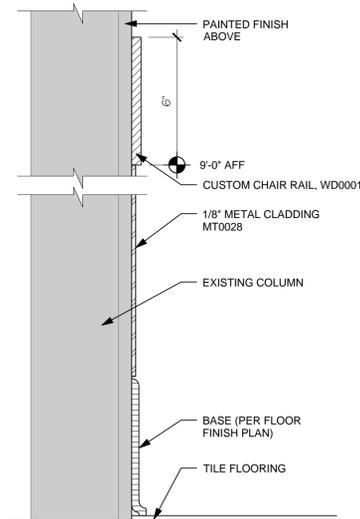
4 FRP AT MOP SINK  
Scale: 3" = 1'-0"



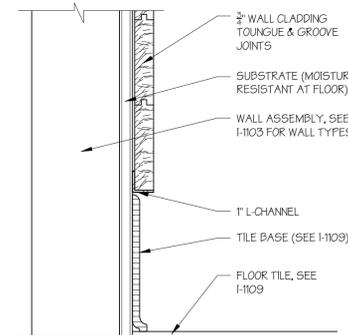
5 BACKBAR WALL TILE PATTERN - 1/2 OFFSET  
Scale: 1 1/2" = 1'-0"



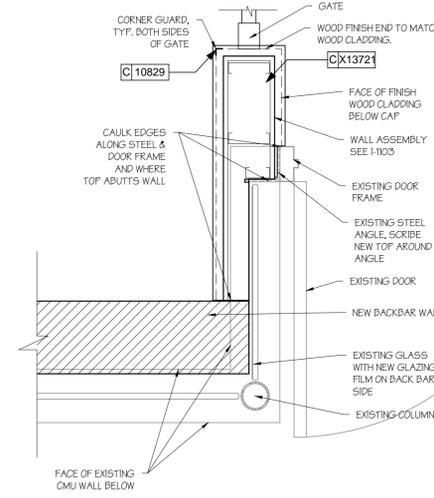
6 TYP CORNER DETAIL  
Scale: 6" = 1'-0"



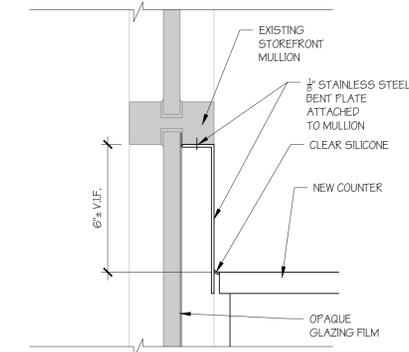
7 METAL CLADDING / CHAIR RAIL AT COLUMN  
Scale: 3" = 1'-0"



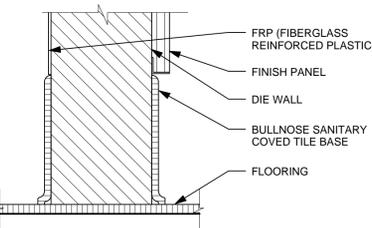
8 WOOD WALL CLADDING  
Scale: 3" = 1'-0"



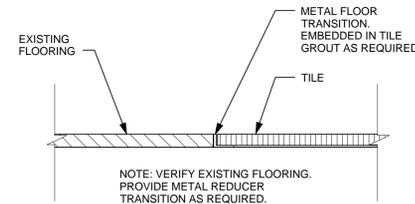
9 GATE TOP CAP DETAIL  
Scale: 1" = 1'-0"



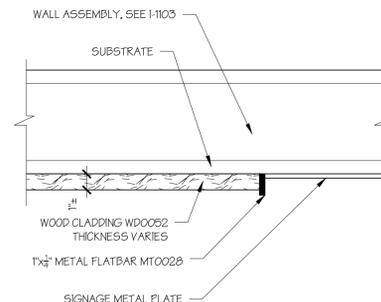
10 METAL ANGLE-MULLION TO COUNTERTOP  
Scale: 3" = 1'-0"



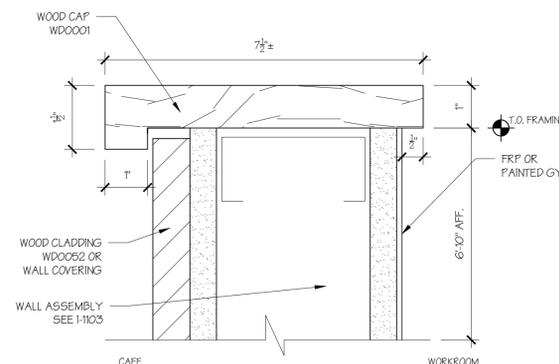
11 TOP SET TILE BASE AT DIE WALL  
Scale: 3" = 1'-0"



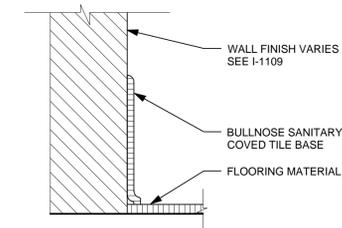
12 TRANSITION - TILE TO EXISTING FINISH  
Scale: 3" = 1'-0"



13 SIGNAGE SECTION DETAIL  
Scale: 3" = 1'-0"



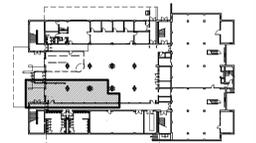
14 WALL TOP CAP SECTION  
Scale: 6" = 1'-0"



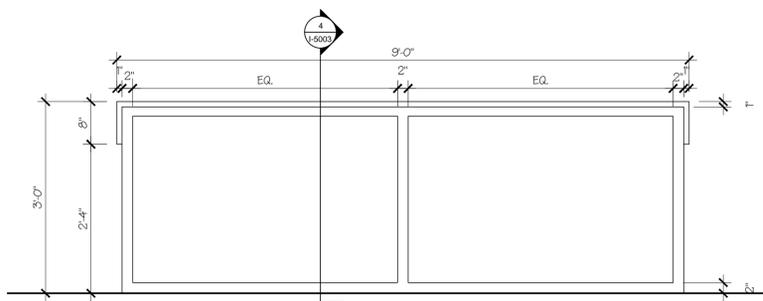
15 TOP SET TILE BASE AT WALL  
Scale: 3" = 1'-0"



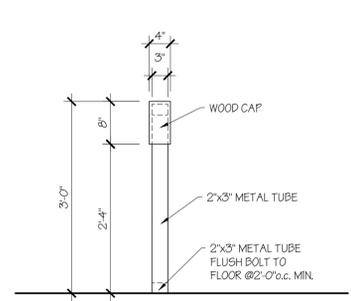
REVISIONS		
NUMBER	DATE	DESCRIPTION



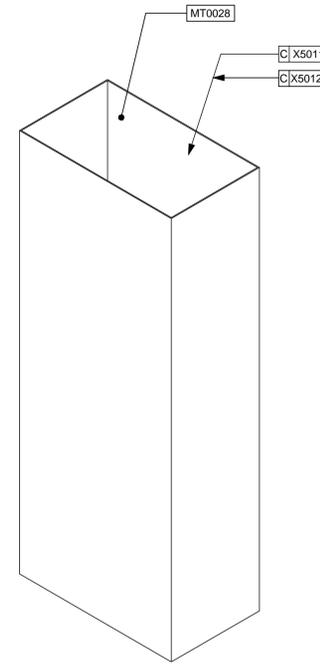
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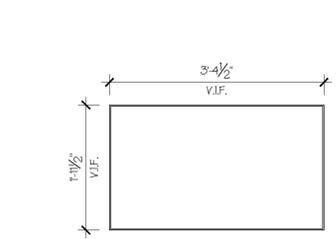
**1** QUEUE RAIL X5002 - ELEVATION FRONT  
Scale: 3/4" = 1'-0"



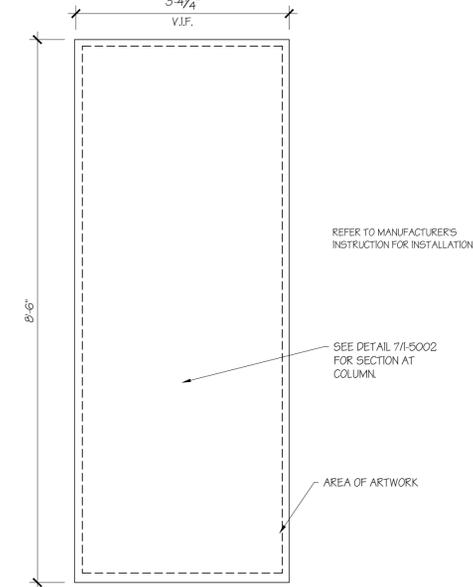
**2** QUEUE RAIL X5002 - SIDE ELEVATION  
Scale: 3/4" = 1'-0"



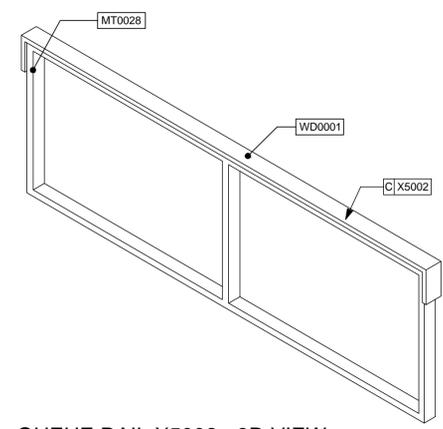
**5** METAL CLADDING X5011 & X5012 - 3D VIEW  
Scale:



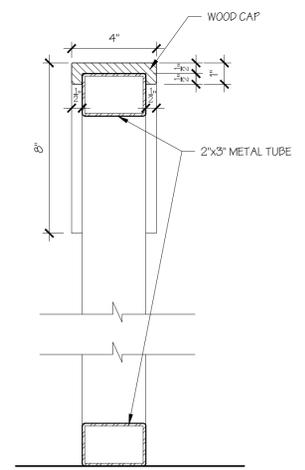
**6** METAL CLADDING X5011 & X5012 - PLAN  
Scale: 3/4" = 1'-0"



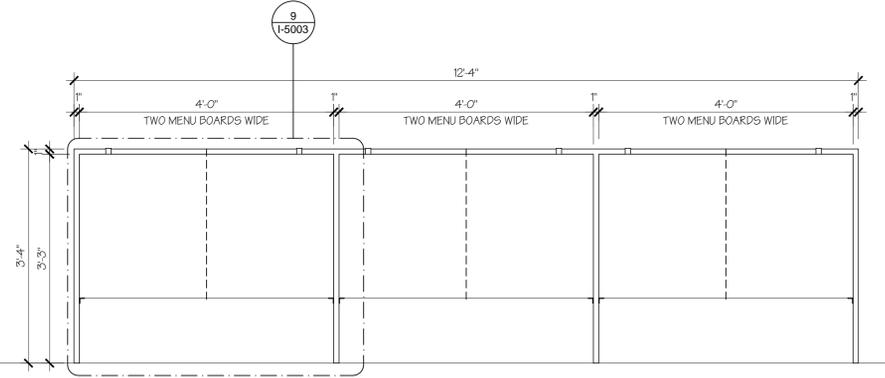
**7** METAL CLADDING X5011 & X5012 - ELEVATION  
Scale: 3/4" = 1'-0"



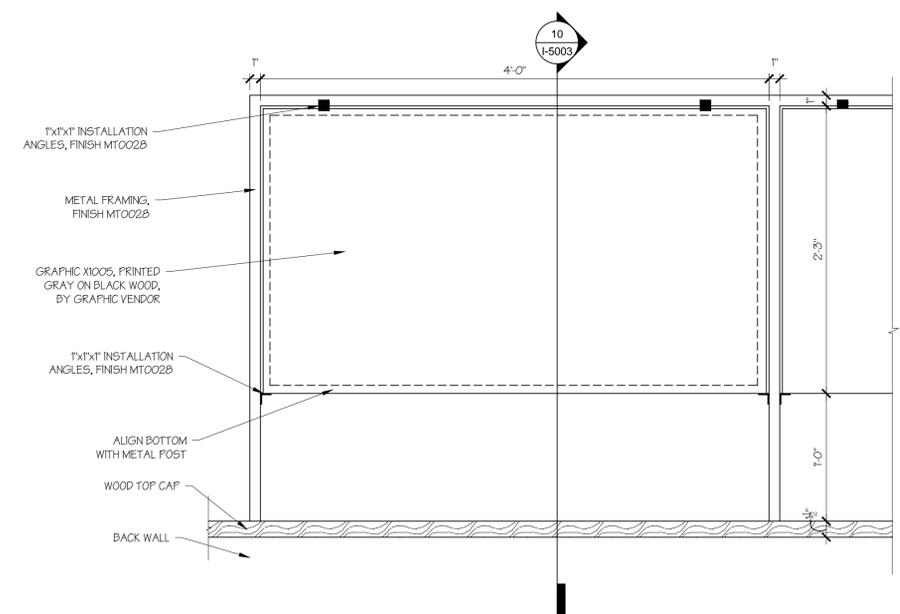
**3** QUEUE RAIL X5002 - 3D VIEW  
Scale:



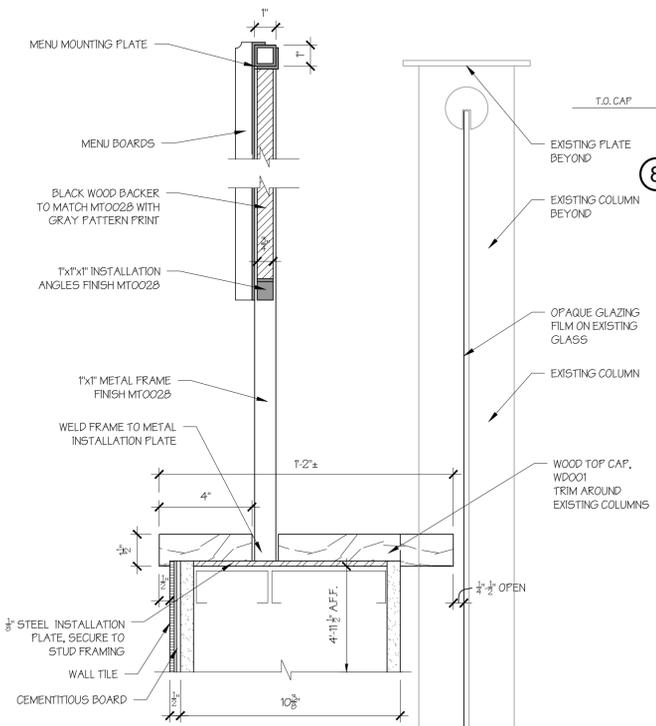
**4** QUEUE RAIL X5002 - SECTION  
Scale: 3" = 1'-0"



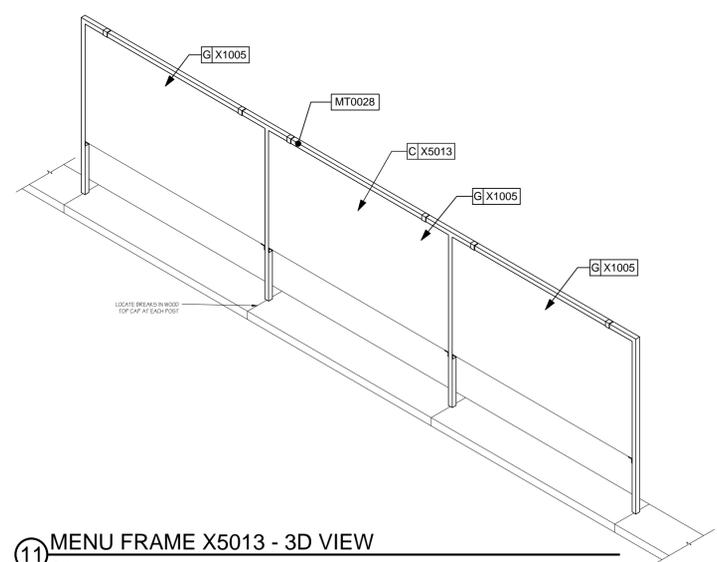
**8** MENU FRAME X5013 - FRONT ELEVATION  
Scale:



**9** MENU FRAMING X5013 ELEVATION  
Scale: 1 1/2" = 1'-0"



**10** BACK WALL AND MENU SECTION  
Scale: 3" = 1'-0"



**11** MENU FRAME X5013 - 3D VIEW  
Scale:

Central Connecticut State University



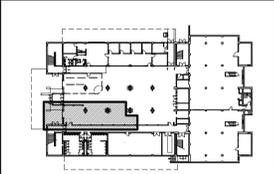
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DESIGN DETAILS

BUILDING No.:	DRAWING No.:
<b>22</b>	<b>I-5003</b>



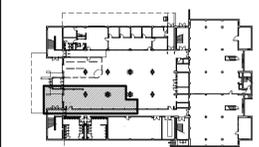
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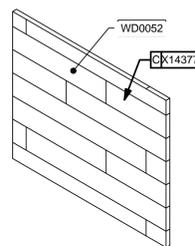


KEY PLAN  
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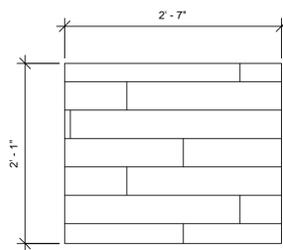
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DATE:	01/27/2016
CAD FILE:	

DESIGN  
DETAILS

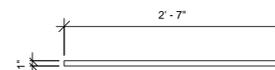
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<b>22</b>	<b>I-5004</b>



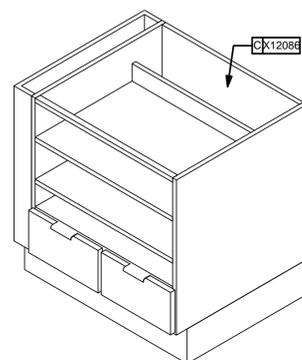
1 CUSTOM HAND OFF PANEL X14377 - 3D VIEW  
Scale:



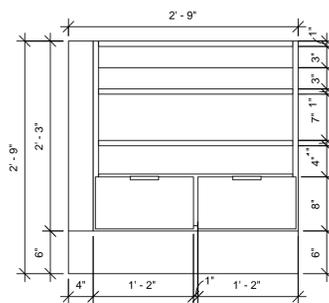
2 CUSTOM HAND OFF PANEL X14377 - ELEVATION  
Scale: 1" = 1'-0"



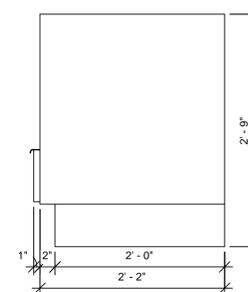
3 CUSTOM HAND OFF PANEL X14377 - PLAN  
Scale: 1" = 1'-0"



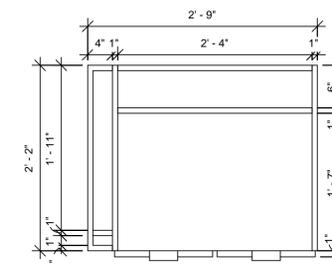
4 CUSTOM POS CABINET X12086 - 3D VIEW  
Scale:



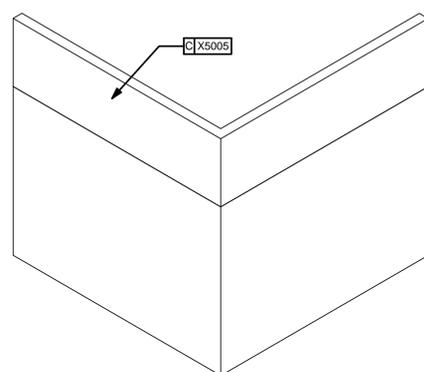
5 CUSTOM POS CABINET X12086 - ELEVATION FRONT  
Scale: 1" = 1'-0"



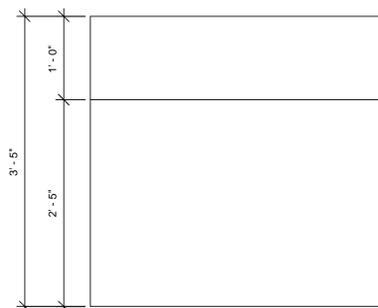
6 CUSTOM POS CABINET X12086 - ELEVATION RIGHT  
Scale: 1" = 1'-0"



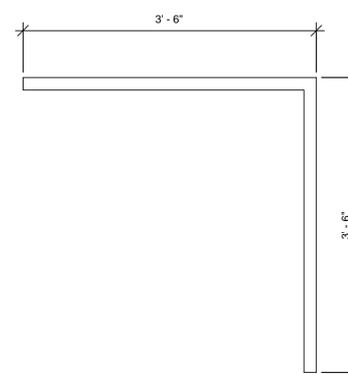
7 CUSTOM POS CABINET X12086 - PLAN VIEW  
Scale: 1" = 1'-0"



8 CUSTOM POS DIEWALL X5005 - 3D VIEW  
Scale:

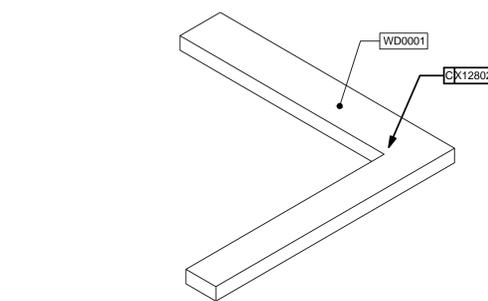


9 CUSTOM POS DIEWALL X5005 - ELEVATION RIGHT  
Scale: 1" = 1'-0"

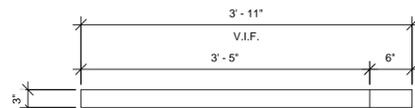


10 CUSTOM POS DIEWALL X5005 - PLAN VIEW  
Scale: 1" = 1'-0"

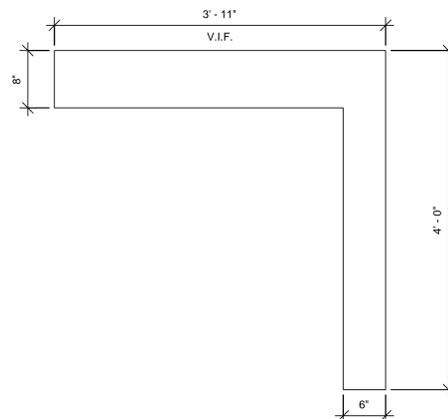
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DIMENSIONS AND NOTES



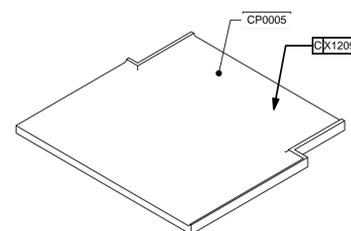
① CUSTOM ESPRESSO TOP CAP X12802 - 3D VIEW  
Scale: 1" = 1'-0"



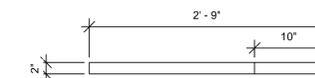
② CUSTOM ESPRESSO TOP CAP X12802 - ELEVATION  
Scale: 1" = 1'-0"



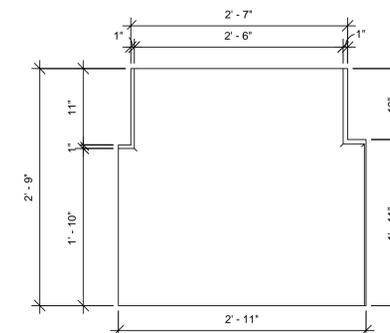
③ CUSTOM ESPRESSO TOP CAP X12802 - PLAN VIEW  
Scale: 1" = 1'-0"



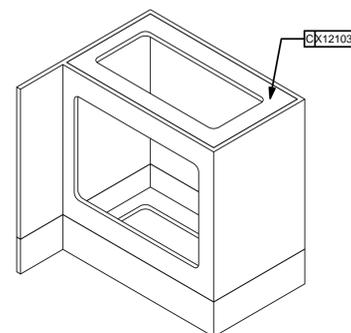
④ HAND OFF COUNTER TOP X12091 - 3D VIEW  
Scale: 1" = 1'-0"



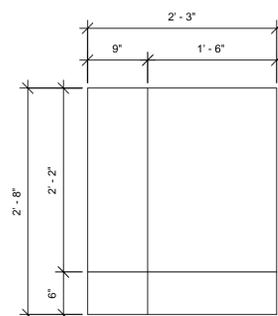
⑤ HAND OFF COUNTER TOP X12091 - ELEVATION  
Scale: 1" = 1'-0"



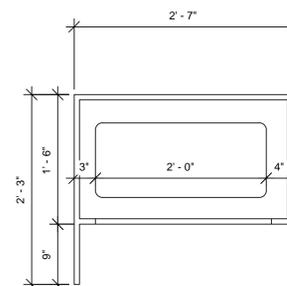
⑥ HAND OFF COUNTER TOP X12091 - PLAN  
Scale: 1" = 1'-0"



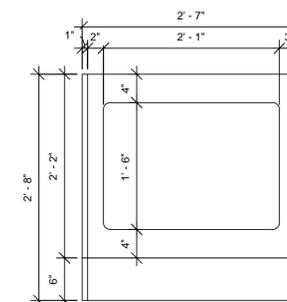
⑦ HAND OFF DIEWALL X12103 - 3D VIEW  
Scale: 1" = 1'-0"



⑧ HAND OFF DIEWALL X12103 - ELEVATION RIGHT  
Scale: 1" = 1'-0"



⑨ HAND OFF DIEWALL X12103 - PLAN  
Scale: 1" = 1'-0"



⑩ HAND OFF DIEWALL X12103 - ELEVATION FRONT  
Scale: 1" = 1'-0"

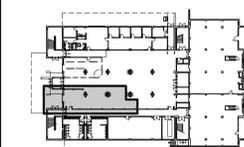
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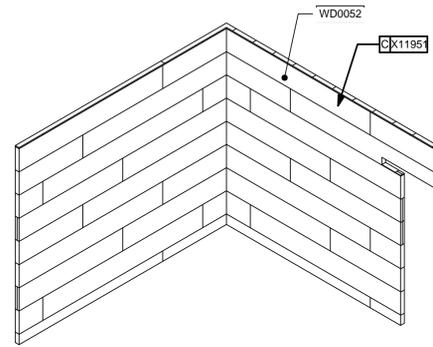


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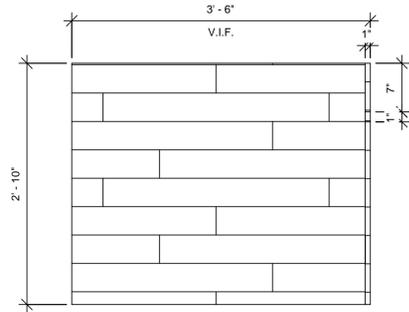
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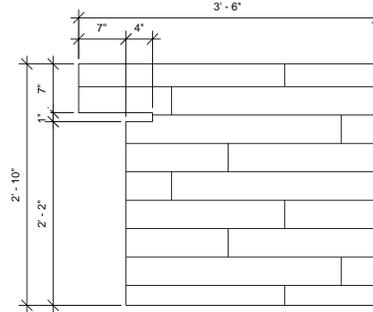
BUILDING No.:	DRAWING No.:
22	I-5005



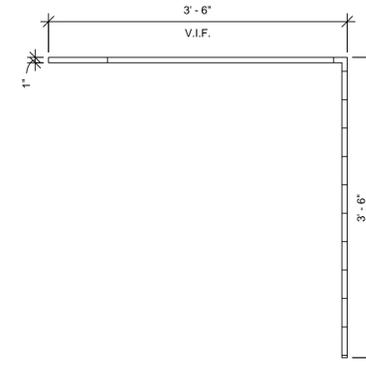
1 CUSTOM POS PANEL X11951 - 3D VIEW  
Scale:



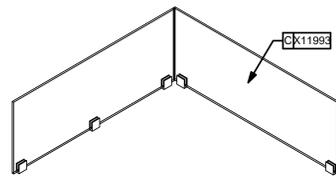
2 CUSTOM POS PANEL X11951 - ELEVATION FRONT  
Scale: 1" = 1'-0"



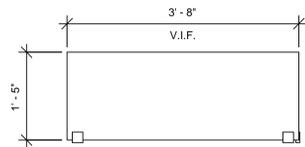
3 CUSTOM POS PANEL X11951 - ELEVATION RIGHT  
Scale: 1" = 1'-0"



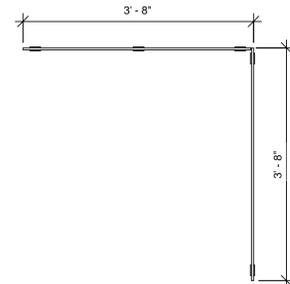
4 CUSTOM POS PANEL X11951 - ELEVATION TOP  
Scale: 1" = 1'-0"



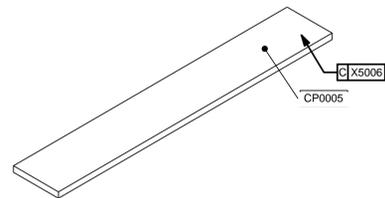
5 WALK-UP POS SNEEZE GUARD X11993 - 3D VIEW  
Scale:



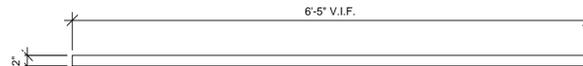
6 WALK-UP SNEEZE GUARD X11993 - ELEVATION  
Scale: 3/4" = 1'-0"



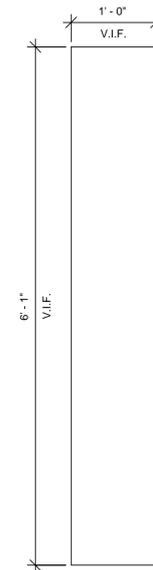
7 WALK-UP SNEEZE GUARD X11993 - PLAN  
Scale: 3/4" = 1'-0"



8 WALK-UP WINDOW COUNTER TOP X5006 - 3D VIEW  
Scale:



9 WALK-UP WINDOW COUNTER TOP X5006 - ELEVATION  
Scale: 1" = 1'-0"



10 WALK-UP WINDOW COUNTER TOP X5006 - PLAN  
Scale: 1" = 1'-0"

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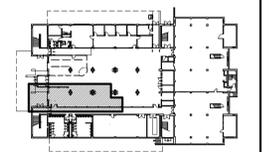
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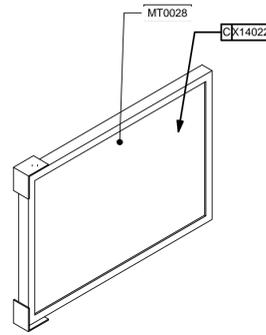
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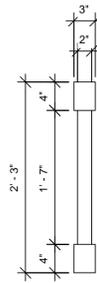
DESIGN DETAILS

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22	I-5006

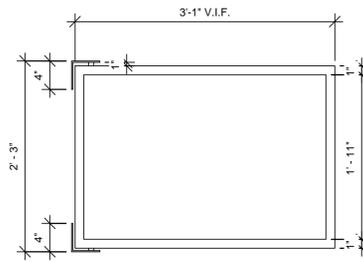
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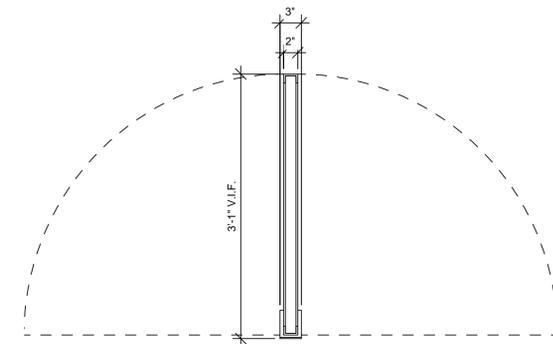
1 CUSTOM GATE X14022 - 3D VIEW  
Scale:



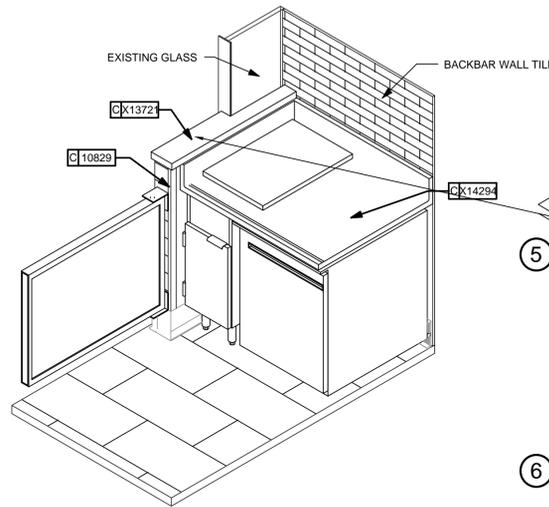
2 CUSTOM GATE X14022 - ELEVATION FRONT  
Scale: 1" = 1'-0"



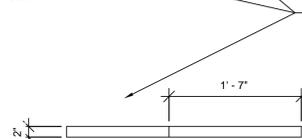
3 CUSTOM GATE X14022 - ELEVATION RIGHT  
Scale: 1" = 1'-0"



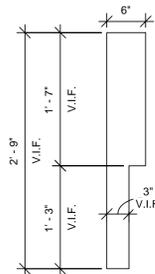
4 CUSTOM GATE X14022 - PLAN  
Scale: 1" = 1'-0"



5 GATE TOP CAP X13721 - 3D VIEW  
Scale:



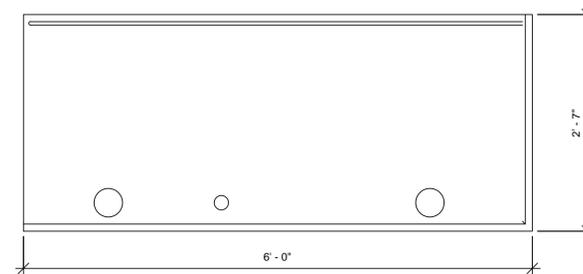
6 GATE TOP CAP X13721 - ELEVATION  
Scale: 1" = 1'-0"



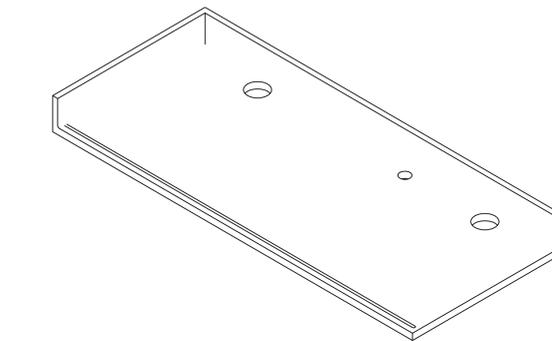
7 GATE TOP CAP X13721 - PLAN  
Scale: 1" = 1'-0"

NOTE FROM ACR:  
COORDINATE GATE TOP CAP  
WITH WALL CONSTRUCTION  
AND DETAIL 9/1-5002

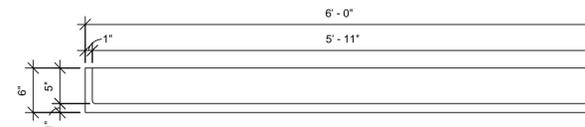
11 GATE TOP CAP X13721 - 3D VIEW  
Scale:



13 MODIFIED WARMING COUNTER X14294 - PLAN  
Scale: 1" = 1'-0"



12 MODIFIED WARMING COUNTER X14294 - 3D VIEW  
Scale:



14 MODIFIED WARMING COUNTER X14294 - ELEVATION  
Scale: 1" = 1'-0"

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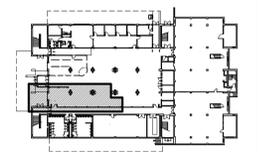
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KEY PLAN  
NOT TO SCALE



CCSU PROJECT No.:	22-89
DPW PROJECT No.:	N/A
DRAWN BY:	LLD
DATE:	01/27/2016
CAD FILE:	

DESIGN DETAILS

BUILDING No.: DRAWING No.:

22

I-5007

FOR REFERENCE ONLY  
SEE FINAL SHOP DRAWINGS  
FOR CRITICAL DETAILS,  
DIMENSIONS AND NOTES

PLUMBING FIXTURE SCHEDULE									
SYMBOL	FIXTURE TYPE	MANUFACTURER MODEL NUMBER	PIPE SIZES				DESCRIPTION	NOTES:	
			HOT	COLD	SOIL OR WASTE	VENT			
MS	MOP SINK	FIAT MODEL MSB-2424	1/2"	1/2"	3"	1 1/2"	MOP SERVICE BASIN OF PRECAST MOLDED STONE, 24"x24"x12" W/ STAINLESS STEEL CAPS ON ALL CURBS. STAINLESS STEEL CAST INTEGRAL DRAIN BODY WITH 3" CONNECTION. FAUCET ZURN MODEL Z843M1 ROUGH CHROME PLATED FINISH, BUILT IN CHECK STOPS, VACUUM BREAKER, LEVER HANDLES, PAIL HOOK WALL BRACE, 3/4" HOSE THREAD OUTLET.	OR EQUAL PRODUCT BY: MUSTEE FLORESTONE	
ES	FLOOR SINK	ZURN MODEL FD2375-T	---	---	3"	2"	12x12 FLOOR SINK, 6" DEEP. CAST IRON BODY WITH WHITE ACID RESISTANT PORCELAIN ENAMEL INTERIOR COATING. ABS ANTI SPLASH STRAINER. 3/4" STAINLESS STEEL GRATE.	OR EQUAL PRODUCT BY: JR. SMITH JOSAM	
ED	FLOOR DRAIN	ZURN MODEL FD2375-T	---	---	2"	1-1/2"	FLOOR DRAIN, 2" OUTLET, DURA COATED CAST IRON BODY. NICKEL BRONZE STRAINER. MEMBRANE CLAMP, ADJUSTABLE COLLAR. PROVIDE WITH SURE SEAL TRAP SEAL.	OR EQUAL PRODUCT BY: JR. SMITH JOSAM	
ECO	FLOOR CLEANOUT	ZURN MODEL ZN 1400-ZN	---	---	---	---	CLEAN OUT WITH ROUND ADJUSTABLE SECURE TOP, GASKET TYPE SEAL WITH CLOSURE PLUG. NICKEL BRONZE TOP.	OR EQUAL PRODUCT BY: JR. SMITH JOSAM	
TMV	THERMAL MIXING VALVE	BRADLY TMV25	3/4"	3/4"	---	---	THERMAL MIXING VALVE, PROVIDE WITH BALL VALVES ON INLETS AND OUTLETS. PROVIDE WITH OUTLET THERMOMETER. 5 PSI DROP AT 5.5 GPM, STANDARD RANGE (115°F OUTLET)	OR EQUAL PRODUCT BY: ARMSTRONG ACORN	

ELECTRIC WATER HEATER SCHEDULE										
SYMBOL	MANUFACTURER/ MODEL NUMBER	TYPE	HEATER DIMENSIONS	LOCATION	FUEL TYPE	GAL. CAP.	MAX. KW INPUT	RECOVERY GPH @ 100°F RISE	ELEC. DATA VOLT-PH	REMARKS
WH	AO SMITH DRE 52-24	TANK ELEC	55.75" H 21.75" DIA	WORK ROOM	ELEC.	50	24	98	208/3Ø	PROVIDE W/P&T RELIEF VALVE ASHRAE 90.1 COMPLIANT OR EQUAL PRODUCT BY: BOCK WATER HEATER STATE WATER HEATER

### PLUMBING SPECIFICATION

**PART 1 GENERAL**

**1.01 SUMMARY**

A. PROVIDE PLUMBING AS SHOWN ON THE DRAWINGS, AS SPECIFIED HEREIN AND AS NEEDED FOR A COMPLETE AND PROPER INSTALLATION INCLUDING, BUT NOT LIMITED TO:

- DOMESTIC HOT AND COLD WATER PIPING SYSTEMS;
- DRAIN, WASTE AND VENT SYSTEMS;
- PLUMBING FIXTURES AND TRIM AS SHOWN ON THE DRAWINGS AND PLUMBING FIXTURE SCHEDULE.

**1.02 QUALITY ASSURANCE**

A. USE ADEQUATE NUMBERS OF SKILLED WORKMEN WHO ARE THOROUGHLY TRAINED AND EXPERIENCED IN THE NECESSARY CRAFTS AND WHO ARE COMPLETELY FAMILIAR WITH THE SPECIFIED REQUIREMENTS AND THE METHODS NEEDED FOR PROPER PERFORMANCE OF THE WORK OF THIS SECTION.

B. UPON COMPLETION OF WATER LINE STERILIZATION, DELIVER TO THE OWNER TWO COPIES OF AN ACCEPTABLE CERTIFICATE OF PERFORMANCE FOR THAT ACTIVITY.

C. ALL WORK SHALL BE IN COMPLIANCE WITH STATE AND LOCAL CODES.

**1.03 SUBMITTALS**

A. PROVIDE SUBMITTALS FOR ALL PRODUCT IN ELECTRONIC PDF FORMAT.

B. PROVIDE SHOP DRAWINGS AND SUBMITTALS PER SPECIFICATION SECTION 01340.

**PART 2 PRODUCTS**

**2.01 DRAIN and VENT PIPING**

A. PVC SCHEDULE 40 WITH DRAINAGE PATTERN FITTINGS. EXISTING UNDER SLAB PIPING IS CAST IRON.

B. COPPER TUBE: TYPE DW WITH CAST BRONZE OR COPPER FITTINGS AND GRADE 50B SOLDER JOINTS.

**2.02 WATER PIPING**

A. COPPER TUBING: ASTM B88, TYPE L, HARD DRAWN, SOLDER JOINTS OR PRESS FIT, ABOVE SLAB.

B. COPPER TUBING: ASTM B88, TYPE K, ANNEALED TUBING, NO FITTINGS BELOW SLAB.

**2.03 VALVES**

A. BALL VALVES: BRONZE BODY, CHROME PLATED BRASS BALL, TFE SEAT + SEALS, VINYL COVER, STEEL HANDLE, SOLDER OR SCREWED ENDS.

**2.04 INSULATION**

A. INSULATE ALL HOT, COLD AND HOT WATER RETURN PIPING WITH 1" THICK FIBERGLASS WITH ASJ AND PVC FITTING COVERS.

B. LABEL ALL PIPING WITH PIPE MARKERS AND FLOW ARROWS.

**PART 3 EXECUTION**

**3.01 EXISTING CONDITIONS**

A. EXAMINE THE AREAS AND CONDITIONS UNDER WHICH WORK OF THIS SECTION WILL BE PERFORMED. CONNECTIONS TO EXISTING PLUMBING SYSTEMS WITHIN WALL SHALL FIELD INVESTIGATED TO DETERMINE EXACT CONNECTION POINT WHEN WALLS ARE OPENED.

**3.02 PREPARATION**

A. REAM PIPE AND TUBE ENDS. REMOVE BURRS. REMOVE SCALE AND DIRT ON INSIDE AND OUTSIDE PIPING BEFORE ASSEMBLY. PREPARE PIPING CONNECTIONS TO EQUIPMENT WITH FLANGES OR UNIONS.

B. COORDINATE CUTTING OR FORMING OF FLOOR CONSTRUCTION TO RECEIVE DRAINS TO REQUIRED INVERT ELEVATIONS.

C. VERIFY ADJACENT CONSTRUCTION IS READY TO RECEIVE ROUGH-IN WORK OF THIS SECTION.

**3.03 INSTALLATION**

A. INSTALL PIPING TO CONSERVE BUILDING SPACE AND NOT INTERFERE WITH USE OF SPACE.

B. INSTALL PIPING TO ALLOW FOR EXPANSION AND CONTRACTION WITHOUT STRESSING PIPE, JOINTS OR CONNECTED EQUIPMENT.

C. PROVIDE CLEARANCE FOR INSTALLATION OF INSULATION AND ACCESS TO VALVES AND FITTINGS.

D. SLOPE WATER PIPING AND ARRANGE TO DRAIN AT LOW POINTS.

E. PROVIDE ALL HANGER AND SUPPORTS FOR PROPER INSTALLATION.

F. INSTALL EACH FIXTURE WITH CHROME PLATED RIGID OR FLEXIBLE SUPPLIES WITH SCREWDRIVER STOPS, REDUCERS AND ESCUTCHEONS.

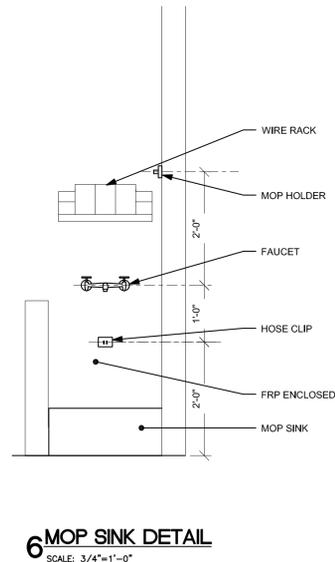
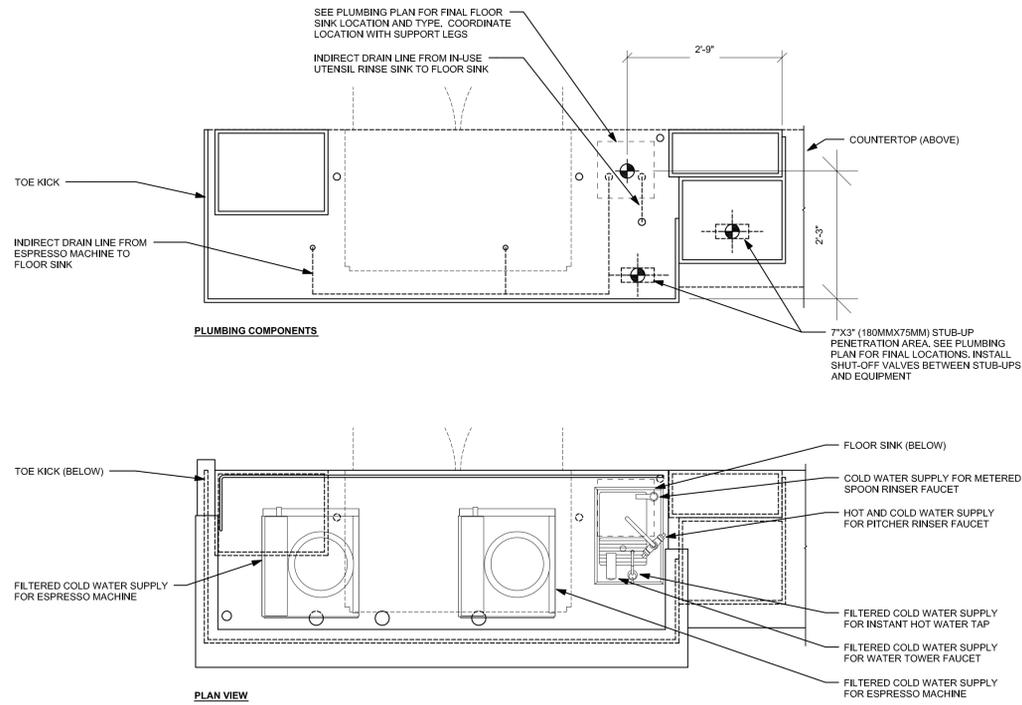
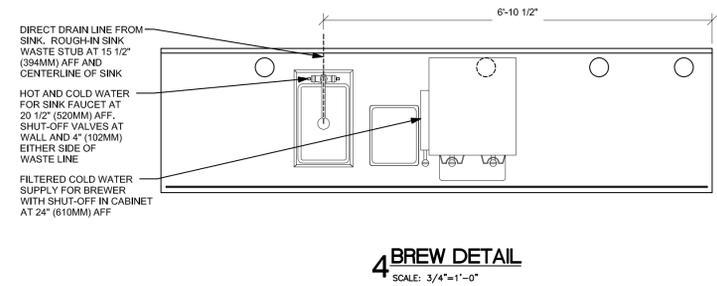
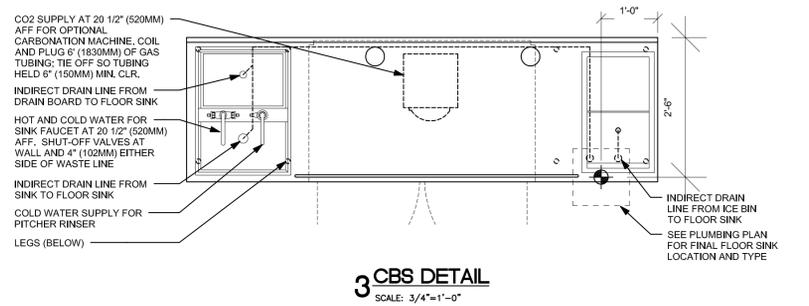
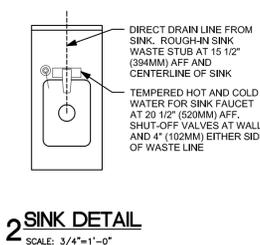
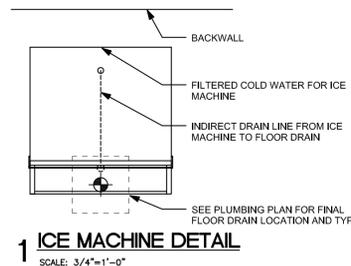
G. TEST WATER AND DRAIN PIPING PER IPC REQUIREMENTS.

END OF SECTION

DOMESTIC IN-LINE CIRCULATING PUMP SCHEDULE									
EQUIP. TAG	GPM	HEAD (FT.)	RPM	FLANGE SIZE (IN)	MOTOR			MANUFACTURER	MODEL
					HP	PHASE	VOLT		
RCP-1	4.0	12	1750	3/4"	1/8	1	120	TACO	009-SF5

**NOTES:**

- STAINLESS STEEL PUMP FOR DOMESTIC WATER USE.
- PROVIDE AQUASTAT CONTROL.



Central Connecticut State University

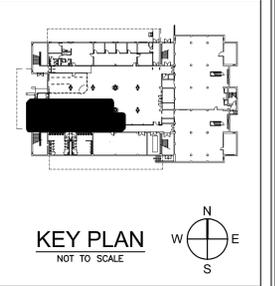
1615 Stanley Street  
New Britain, CT 06050

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**PLUMBING SCHEDULE & SPECIFICATIONS**

BUILDING No.:	DRAWING No.:
<b>22</b>	<b>P-0</b>

Central  
Connecticut  
State  
University



1615 Stanley Street  
New Britain, CT 06050

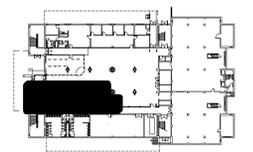
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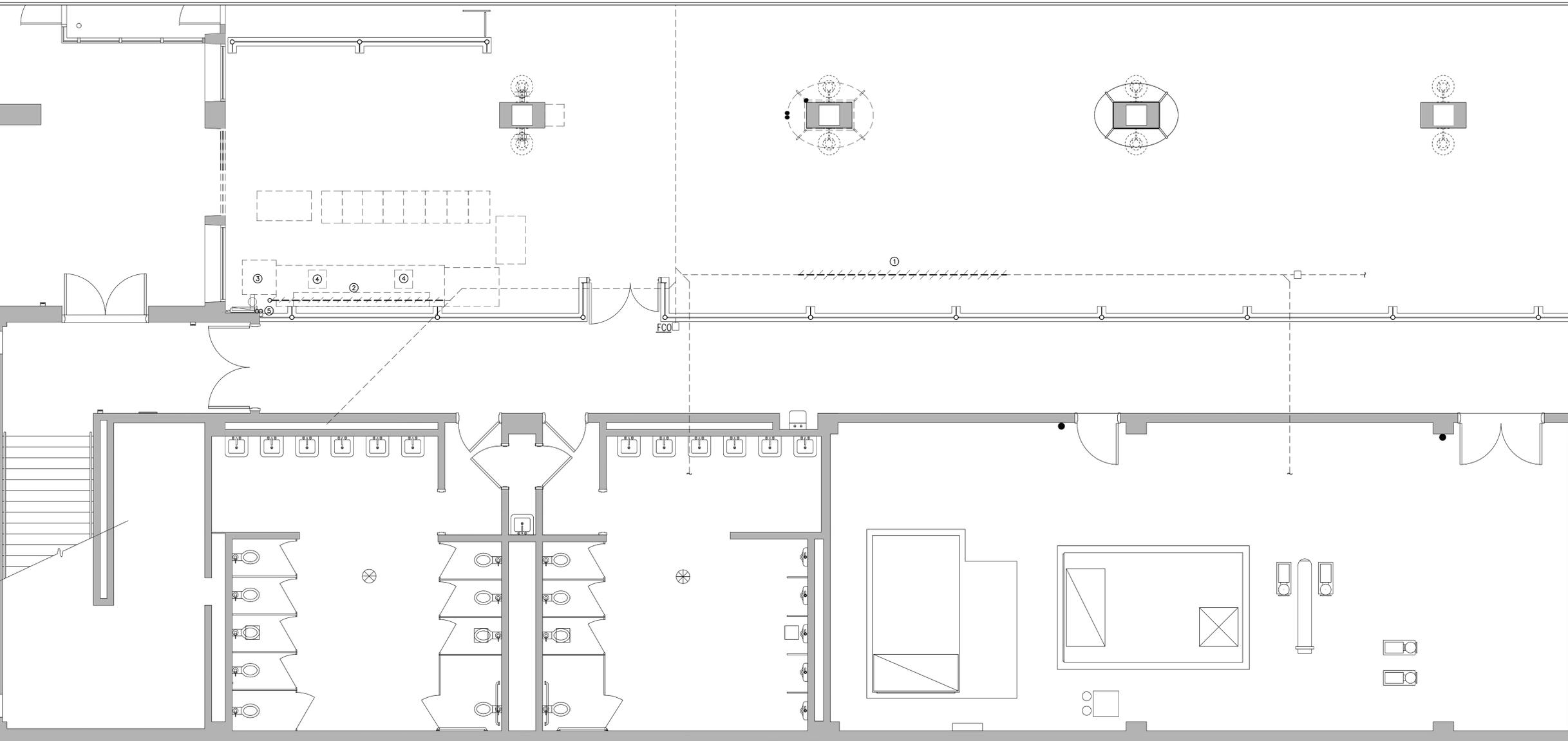
KEY PLAN  
NOT TO SCALE

CCSU PROJECT No.: 22-89  
DPW PROJECT No.: N/A  
DRAWN BY: RW  
DATE: 01/27/2016  
CAD FILE:

PLUMBING  
DEMOLITION PLAN

BUILDING No.: DRAWING No.:

22 PD-1



FIRST FLOOR PLUMBING DEMOLITION PLAN

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

PLUMBING PLAN KEY NOTES:

- ① REMOVE 4" UNDER SLAB SANITARY DRAIN.
- ② REMOVE 3" UNDER SLAB DRAIN, CAP AT MAIN.
- ③ REMOVE DRAIN AND WATER PIPING FROM ICE MACHINE.
- ④ REMOVE SINK, REMOVE WATER, DRAIN AND VENT PIPING
- ⑤ H&CW RISE IN WALL. REMOVE HW BACK TO MECHANICAL ROOM AND CAP. REMOVE CW TO CEILING FOR REUSE.





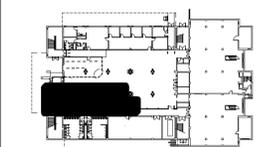
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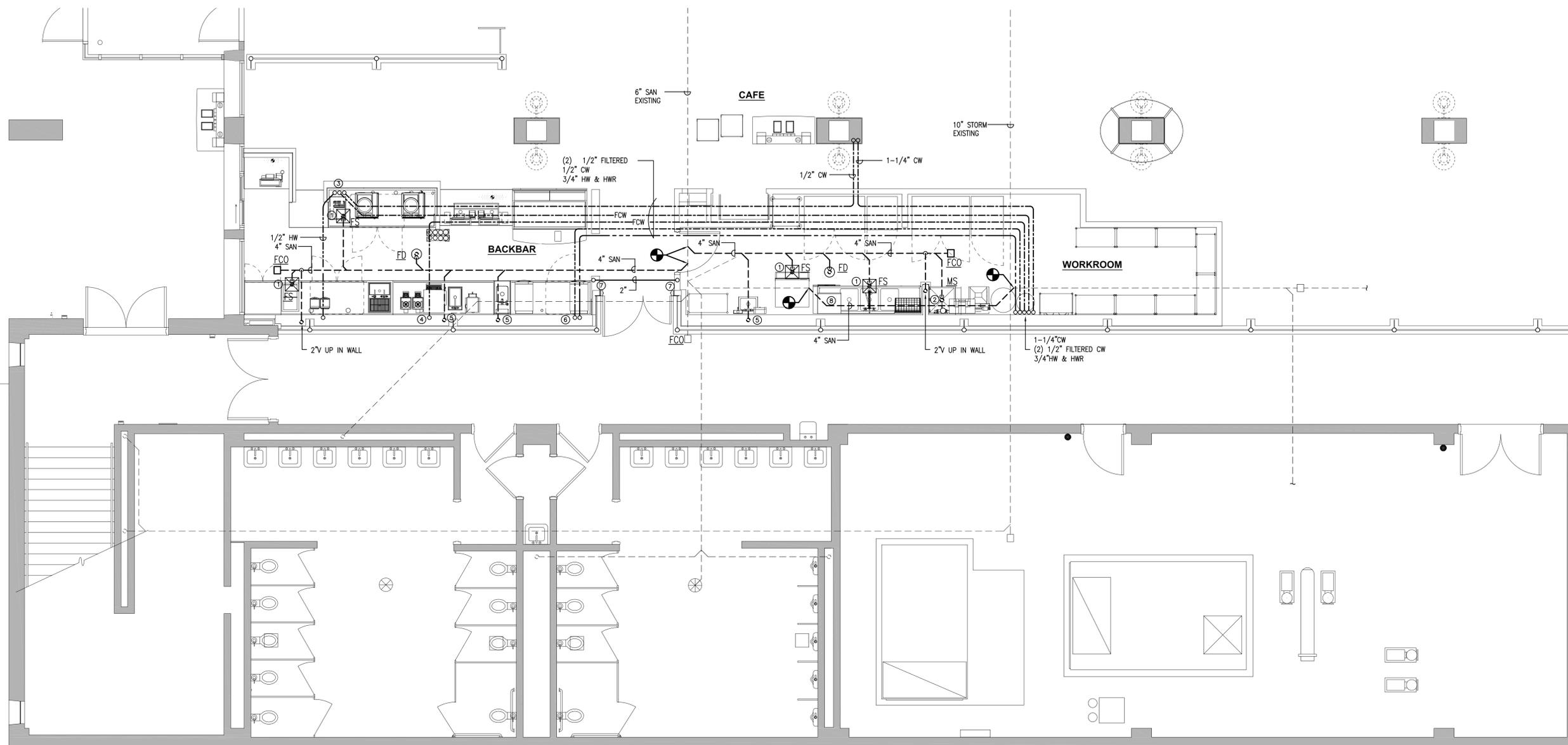
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UNDERSLAB  
PLUMBING PLAN

BUILDING No.:	DRAWING No.:
22	P-2



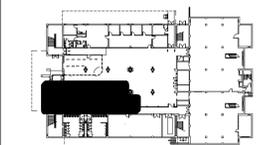
PROVIDE FILTERED WATER TO ESPRESSO MACHINES, BREWER, HOT WATER TAPS, WATER TOWER AND ICE MACHINE.

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

- PLUMBING PLAN KEY NOTES:**
- ① PROVIDE 3" TRAP AT FLOOR SINK. PROVIDE SURE SEAL TRAP PROTECTION AT FLOOR SINK.
  - ② PROVIDE 3" TRAP AT MOP BASIN.
  - ③ 1/2" FILTER CW, 1/2" H&CW UP INTO CABINET.
  - ④ 1/2" FILTER CW UP AT BREWER.
  - ⑤ 2" SAN UP IN WALL FOR SINK.
  - ⑥ 3/4"HW & HWR UP IN WALL.
  - ⑦ 2" SCH 40 PVC UP IN WALL, CO2 TUBING TO RUN WITHIN PVC PIPE UNDER SLAB
  - ⑧ RELOCATED 4" SANITARY TO ALLOW FOR NEW FLOOR SINKS.



REVISIONS		
NUMBER	DATE	DESCRIPTION



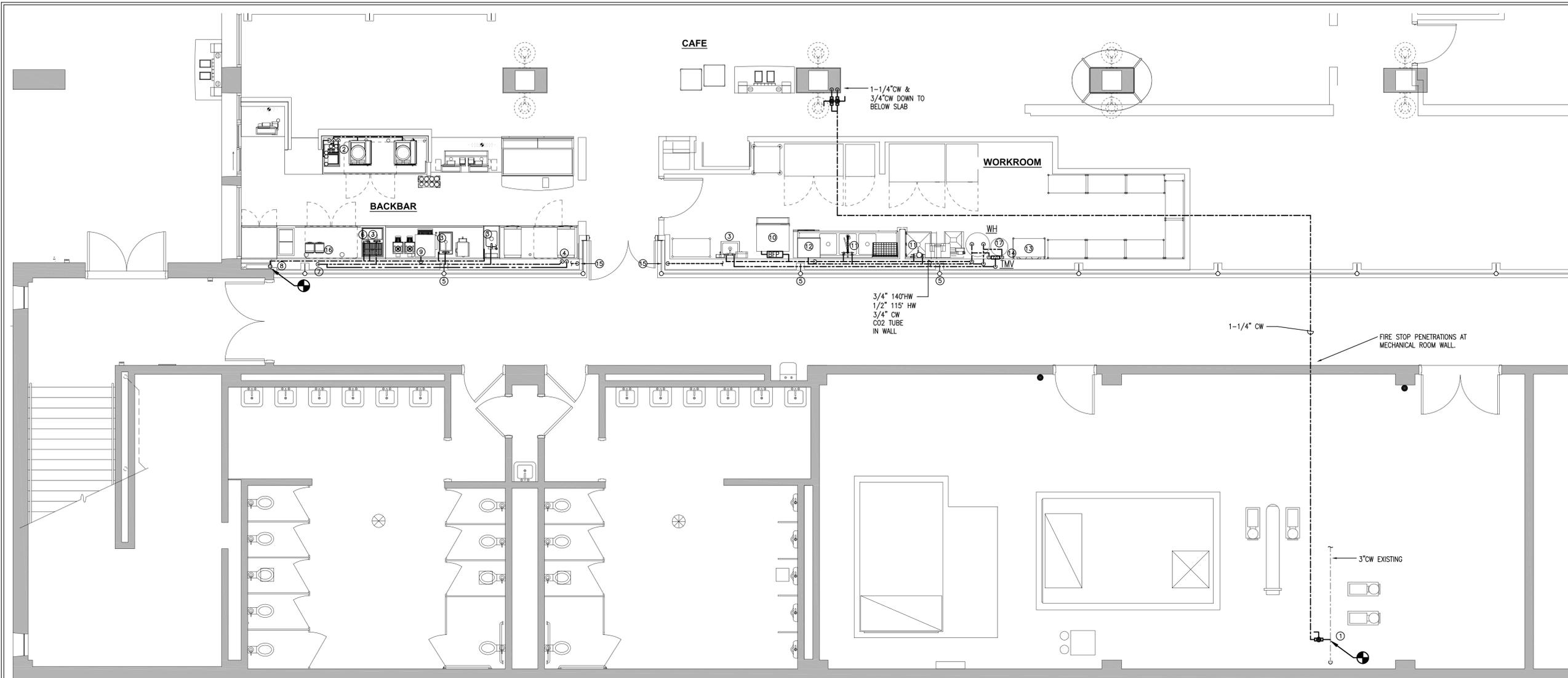
KEY PLAN  
NOT TO SCALE

CCSU PROJECT No.:	22-89
DPW PROJECT No.:	N/A
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PLUMBING WATER PIPING PLAN

BUILDING No.: DRAWING No.:

22 P-3

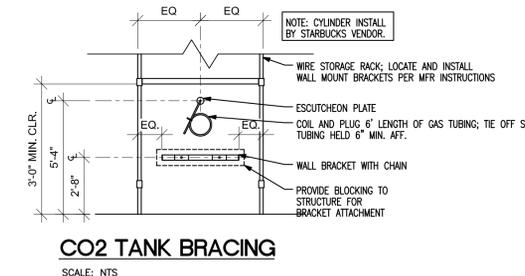
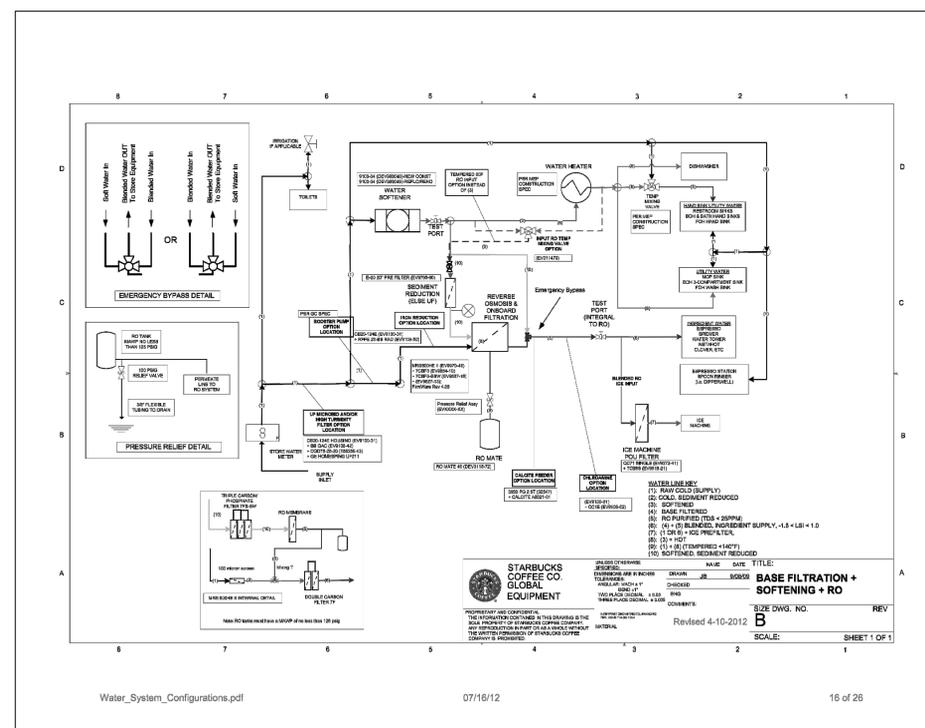


FIRST FLOOR WATER PIPING PLAN

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

PLUMBING PLAN KEY NOTES:

- PROVIDE NEW 1-1/2" CW AT EXISTING 3" WATER MAIN. COORDINATE WATER SYSTEM SHUT DOWN FOR NEW TEE WITH UNIVERSITY. REPAIR ALL INSULATION ON EXISTING MAIN. ALL NEW INSULATION JACKET SHALL BE GREEN TO MATCH EXISTING.
- 1/2"HW, 1/2"FILTERED WATER & 1/2"CW FROM BELOW SLAB INTO CABINET. PROVIDE 1/2"CW TO SPOON RINSE FAUCET, 1/2"HW TO PICTURE RINSE FAUCET. PROVIDE 1/4" FILTERED CW TO INSTANT WATER HEATER AND SUPPLY TUBING TO WATER DISPENSING. PROVIDE 3/8" FILTERED CW TO TOWER FAUCET. PROVIDE FILTERED CW SUPPLY TO TWO ESPRESSO MACHINES. PROVIDE ISOLATION VALVES AT ALL FAUCETS.
- 1/2" HW & HW UP FROM BELOW SLAB.
- OFFSET PIPING AROUND WALL SUPPORT.
- 1/2" CW TO ANGLED STOP BELOW SINK WITH SUPPLY TO PICTURE RINSE FAUCET.
- 1/2"HW DOWN BELOW SLAB TO ESPRESSO MACHINE STATION.
- CONNECT TO EXISTING 1/2" CW.
- 1/2" FILTERED CW UP FROM BELOW SLAB. PROVIDE ISOLATION VALVE IN MILLWORK AND 3/8" CONNECTION TO BREWER.
- 1/2" FILTERED CW SUPPLY TO ICE MACHINE. PROVIDE BALL VALVE, EVERPURE WATER FILTER AND WATS 90 BACKFLOW PREVENTER BEHIND MACHINE. PIPE RELIEF ON BACKFLOW PREVENTER TO FLOOR SINK.
- PROVIDE 1/2" 140F HW & 1/2" CW TO FAUCET.
- PROVIDE 1/2" 140F HW TO DISHWASHER. PROVIDE BALL VALVE, STRAINER AND WATER HAMMER ARRESTOR BEHIND MACHINE. MACHINE PROVIDED WITH 3/4" HOSE, PROVIDE 3/4" HOSE THREAD AT CONNECTION.
- INSTALL BRACING FOR CO2 CYLINDER PER DETAIL. COIL CO2 TUBE AT CYLINDER LOCATION. RUN CO2 TUBE IN WALL AND UNDER SLAB TO LOCATION FOR OPTIONAL CARBONATION MACHINE.
- 1-1/4" CW UP FROM SLAB, PROVIDE 3/4"CW TO WATER HEATER, 3/4"CW TO MIXING VALVE & 3/4"CW IN WALL TO FIXTURES. (2) 1/2" FILTERED WATER BELOW SLAB, 3/4"HW & HW BELOW SLAB.
- CO2 TUBE BELOW SLAB.
- COIL 6" OF CO2 TUBE IN BASE CABINET FOR FUTURE USE.
- WATER FILTER & RO SYSTEM, REFER TO STARBUCKS WATER FILTERING DIAGRAM



CO2 TANK BRACING  
SCALE: NTS

STARBUCKS COFFEE CO. GLOBAL EQUIPMENT  
 TITLE: BASE FILTRATION + SOFTENING + RO  
 DATE: 4-10-2012  
 SCALE: SHEET 1 OF 1



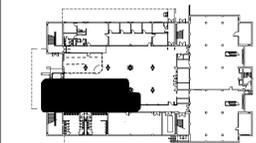
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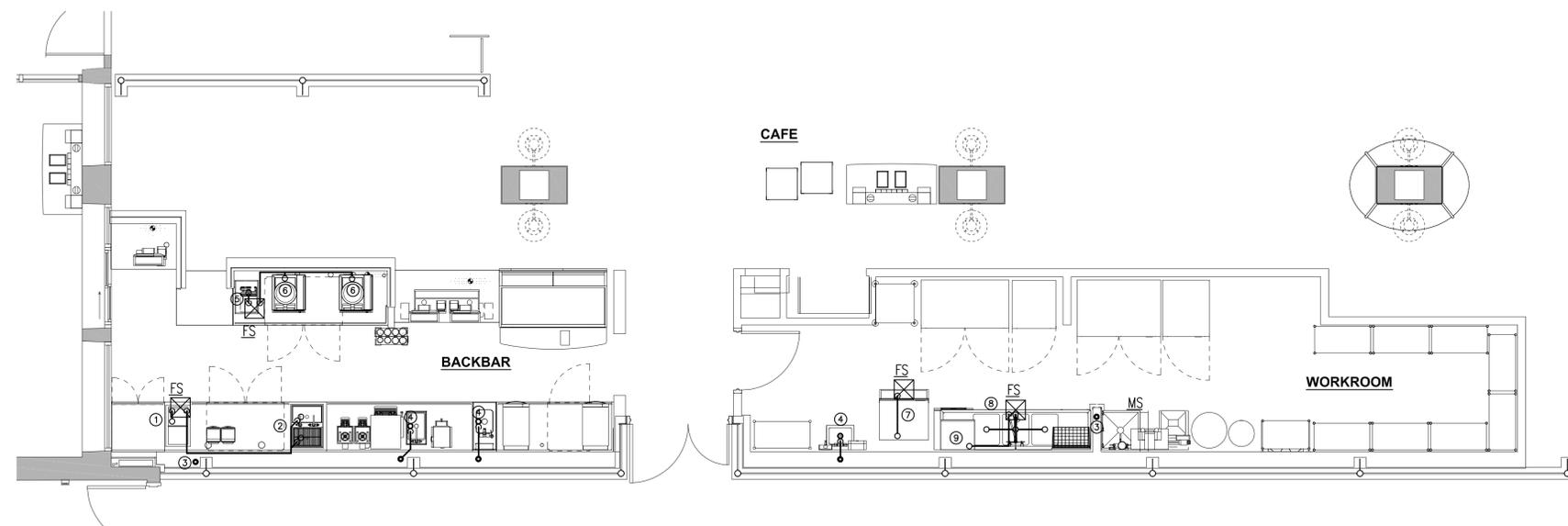
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NOT TO SCALE

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PLUMBING  
DRAIN & VENT PLAN

BUILDING No.:      DRAWING No.:

22      P-4

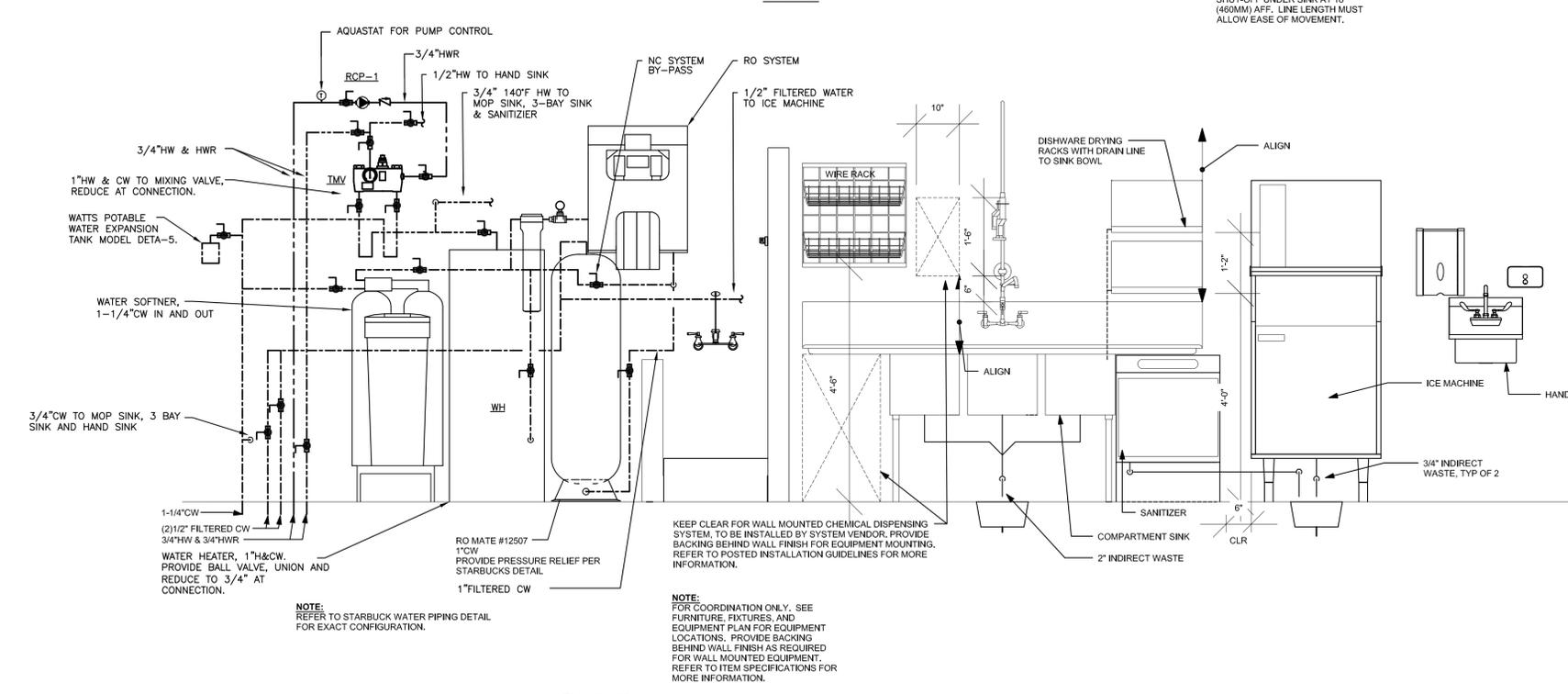
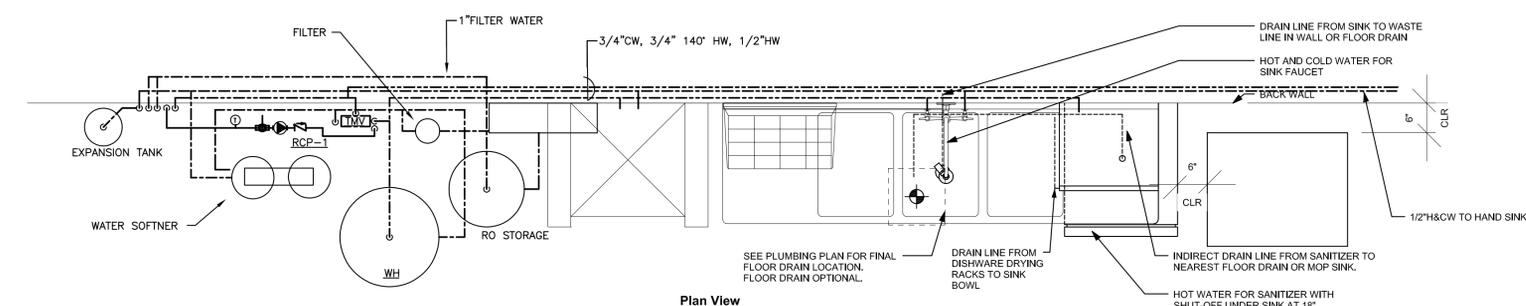


FIRST FLOOR DRAIN + VENT PIPING PLAN

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

PLUMBING PLAN KEY NOTES:

- ① 1" INDIRECT WASTE FROM IS BIN TO FLOOR SINK.
- ② 1-1/2" INDIRECT WASTE FROM SINK AND DRAIN BOARD TO FLOOR SINK. TRAP INDIRECT WASTE.
- ③ 2" VENT UP IN WALL. PROVIDE 2" AIR ADMITTANCE VALVE AND ACCESS PANEL AT WALL.
- ④ PROVIDE TRAP AT SINK AND CONNECT TO 2" WASTE IN WALL. PROVIDE 2" AIR ADMITTANCE VALVE AND ACCESS PANEL AT WALL.
- ⑤ 1" INDIRECT WASTE FROM UTENSIL RINSE SINK TO FLOOR SINK.
- ⑥ PROVIDE 1" INDIRECT WASTE FROM ESPRESSO MACHINE RINSE SINK TO FLOOR SINK. VERIFY DRAIN CONNECTION SIZE WITH EQUIPMENT. ROUTE DRAIN BEHIND UNDER COUNTER REFRIGERATOR.
- ⑦ 3/4" INDIRECT WASTE FROM ICE MACHINE TO FLOOR SINK.
- ⑧ PROVIDE 2" DRAIN HEADER BELOW THREE BAY SINK. PROVIDE 2" DRAIN CONNECTION TO EACH BAY OF 3-BAY SINK. PROVIDE 2" INDIRECT WASTE TO FLOOR SINK.
- ⑨ 3/4" INDIRECT WASTE FROM DISH MACHINE TO FLOOR SINK.

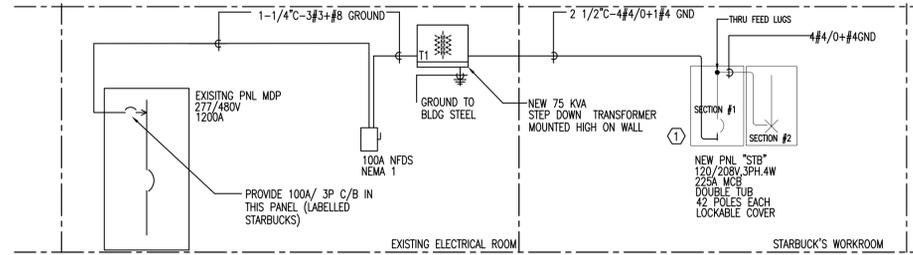


NOTE:  
REFER TO STARBUCK WATER PIPING DETAIL FOR EXACT CONFIGURATION.

NOTE:  
FOR COORDINATION ONLY. SEE FURNITURE, FIXTURES, AND EQUIPMENT PLAN FOR EQUIPMENT LOCATIONS. PROVIDE BACKING BEHIND WALL FINISH AS REQUIRED FOR WALL MOUNTED EQUIPMENT. REFER TO ITEM SPECIFICATIONS FOR MORE INFORMATION.

ELECTRICAL SYMBOLS		
SYMBOL	DESCRIPTION	MOUNTING
S	SINGLE POLE SWITCH	PASS & SEYMOUR #2601-W 4'-0" A.F.F.
S3	THREE WAY SWITCH	PASS & SEYMOUR #2603-W 4'-0" A.F.F.
S4	FOUR WAY SWITCH	PASS & SEYMOUR #2604-W 4'-0" A.F.F.
ST	MANUAL MOTOR STARTER WITH THERMAL PROTECTION	
SF	FAN CONTROL SWITCH WITH PILOT LIGHT	PASS & SEYMOUR #2629-W 4'-0" A.F.F.
SOS	OCCUPANCY SENSOR-SWITCHBOX DUAL TECHNOLOGY SEE SCHEDULE ON DRAWING E-1	4'-0" A.F.F.
SD	WALL CASE DIMMER SWITCH LUTRON NOVA SERIES PROVIDE FLUORESCENT DIMMING BALLAST INTERFACE AS REQUIRED	4'-0" A.F.F.
RL	RAISE LOWER SWITCH	4'-0" A.F.F.
FL	FLUORESCENT LIGHT FIXTURE	SEE FIXTURE SCHEDULE CEILING
CF	CEILING FIXTURE	SEE FIXTURE SCHEDULE CEILING
WF	WALL BRACKET FIXTURE	SEE FIXTURE SCHEDULE WALL
EL	EXIT LIGHT FIXTURE SEE PLAN FOR ARROWS	SEE FIXTURE SCHEDULE SEE PLAN
SFL	FLUORESCENT LIGHTING FIXTURE WITH EMERGENCY BALLAST	SEE FIXTURE SCHEDULE
SE	SELF CONTAINED EMERGENCY LIGHTING FIXTURE WITH CHARGER AND BATTERY	SEE FIXTURE SCHEDULE
DR	DUPLEX RECEPTACLE	PASS & SEYMOUR #26852-W 1'-6" A.F.F.
DRD	DOUBLE DUPLEX RECEPTACLE	PASS & SEYMOUR #26852-W 1'-6" A.F.F.
WC	RECEPTACLE FOR WATER COOLER-SINGLE PHASE, 120 VOLT	PASS & SEYMOUR #26852-W 1'-6" A.F.F.
GFI	RECEPTACLE WITH GROUND FAULT PROTECTION	PASS & SEYMOUR #2095-W SEE PLAN
PO	POWER OUTLET - SINGLE PHASE	SEE NOTE ON PLANS 1'-6" A.F.F.
PO3	POWER OUTLET - THREE PHASE	SEE NOTE ON PLANS 1'-6" A.F.F.
JB	JUNCTION BOX	
AV	DUPLEX RECEPTACLE ASSOCIATED WITH AUDIO VISUAL FUNCTION. VERIFY MOUNTING HEIGHT.	
M	MOTOR	
MS	MAGNETIC MOTOR STARTER	WALL
DS	DISCONNECT SWITCH	WALL
HC	RACEWAY - CONCEALED IN THE SLAB OR BELOW GRADE	
HC	RACEWAY - CONCEALED IN HUNG CEILING, WALL OR IS EXPOSED	
E	EMERGENCY CIRCUIT	
GC	GROUND CONNECTION	
U	STUB-UP	
D	DROP	
FC	FINAL CONNECTION	
H	HOMERUN	
PB	PANELBOARD - 277/480 VOLT	
PB	PANELBOARD - 120/208 VOLT	
T	TRANSFORMER	SEE PLAN AND SCHEDULE
TC	TIMECLOCK	
V	WALL MOUNTED COMBINATION VOICE/DATA OUTLET	1'-6" A.F.F.
V	WALL MOUNTED DATA OUTLET (3/4" CONDUIT TO ABOVE CEILING; BUSHED AT THE END) CABLE BY OTHERS	1'-6" A.F.F.
E	DENOTES EXISTING TO REMAIN	
RE	DENOTES REMOVE EXISTING	
RL	DENOTES RELOCATE EXISTING	
NL	DENOTES NEW LOCATION OF EXISTING RELOCATED	
NR	DENOTES NEW TO REPLACE EXISTING	
RR	DENOTES REMOVE AND REPLACE ON NEW SURFACE	
GC	GROUND CONNECTION	
A.F.F.	ABOVE FINISHED FLOOR	
W.P.	WEATHER PROOF	
NSFD	NON FUSED DISCONNECT SWITCH	
PP	SYMBOL ON PLAN FOR POWER PACK	
OS	OCCUPANCY SENSOR (BASED ON LEVITON ODC15-IDW) SEE MANUFACTURER'S WIRING DIAGRAMS.	

NOTE:  
1. DEVICE DIMENSIONS ABOVE FINISH FLOOR ARE TO CENTERLINE OF DEVICE.



### RISER DIAGRAM FOR STARBUCKS

NO SCALE  
NOTE:  
1. SEE POWER PLAN ABOVE FOR EXACT LOCATIONS OF PANELS AND CIRCUITS.

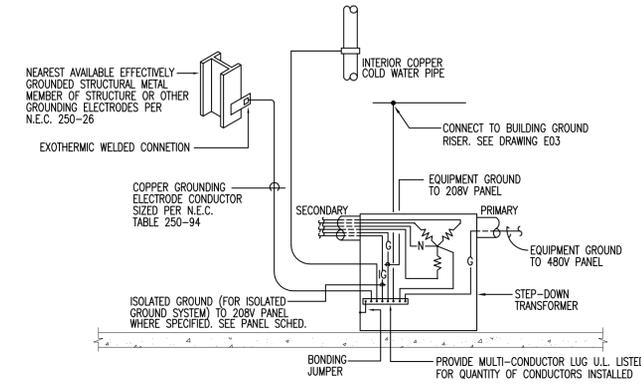
HEX NOTES:  
① VERIFY EXACT LOCATION WITH STARBUCKS BEFORE ROUGH-IN

16190 SUPPORTING DEVICES  
A. ALL EQUIPMENT SHALL BE FIRMLY MOUNTED USING APPROVED LISTED HANGERS ATTACHED TO STRUCTURAL PORTIONS OF THE BUILDING.

### ELECTRICAL SPECIFICATIONS

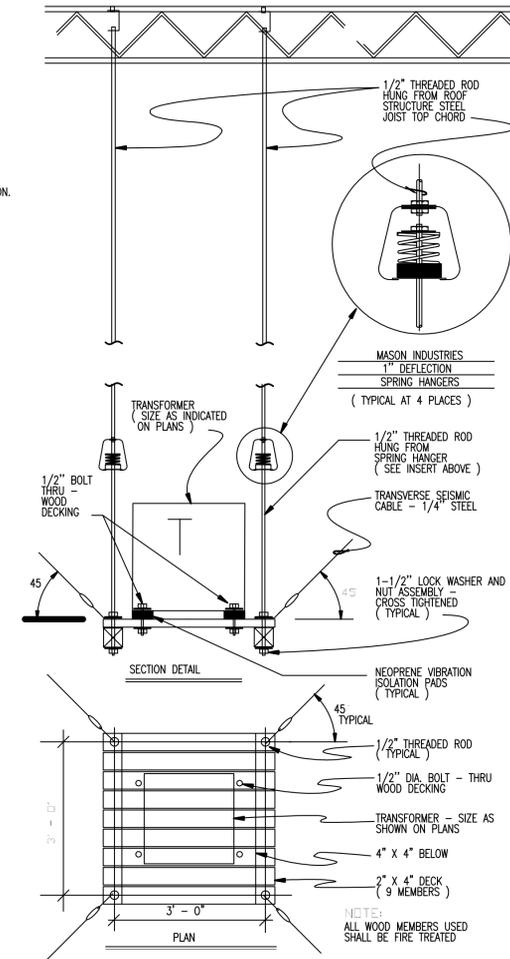
- 1610 GENERAL PROVISIONS  
A. ALL WORK AND EQUIPMENT UNDER THIS DIVISION SHALL BE IN STRICT COMPLIANCE WITH THE APPLICABLE PROVISIONS OF THE FOLLOWING CODES AND STANDARDS:  
1. INTERNATIONAL BUILDING CODE 2003 WITH CT AMENDMENTS  
2. INTERNATIONAL FIRE CODE 2003 (NEW CONSTRUCTION)  
3. NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)  
4. AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)  
5. NATIONAL ELECTRICAL CODE - NFPA 70  
6. INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS (IEEE)  
7. NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION (NEMA)  
8. 2011 NATIONAL ELECTRICAL CODE  
9. CONNECTICUT SUPPLEMENTS AND 2009 AMENDMENTS  
10. REQUIREMENTS OF LOCAL POWER COMPANY  
11. AMERICANS WITH DISABILITIES ACT (ADA)  
12. LOCAL CITY AND COUNTY CODES  
13. 2005 CONNECTICUT STATE FIRE SAFETY CODE  
14. NFPA 101 (2003) LIFE SAFETY CODE (EXISTING BUILDINGS)  
B. ALL MATERIALS SHALL BE NEW, FREE FROM DEFECTS AND SHALL BE EITHER UL LABELED, UL LISTED OR BEAR THE SEAL OF A NATIONALLY RECOGNIZED ELECTRICAL TESTING LABORATORY.  
C. THE WORK REQUIRED UNDER THIS DIVISION SHALL INCLUDE ALL MATERIALS, LABOR AND AUXILIARIES REQUIRED TO INSTALL A COMPLETE AND PROPERLY OPERATING ELECTRICAL SYSTEM.  
D. THE CONTRACTOR SHALL FURNISH, PERFORM, OR PROVIDE ALL LABOR INCLUDING PLANNING, PURCHASING, TRANSPORTING, STORING, INSTALLING, TESTING, CUTTING AND PATCHING, TRENCHING, EXCAVATING, BACKFILLING, COORDINATION, FIELD VERIFICATION, EQUIPMENT (INSTALLATION AND SAFETY), SUPPLIES, AND MATERIALS NECESSARY FOR THE CORRECT INSTALLATION OF COMPLETE ELECTRICAL SYSTEMS (AS DESCRIBED OR IMPLIED BY THESE SPECIFICATIONS AND THE APPLICABLE DRAWINGS) IN STRICT ACCORDANCE WITH APPLICABLE CODES, WHICH MAY NOT BE REPEATED IN THESE SPECIFICATIONS, BUT ARE EXPECTED TO BE COMMON KNOWLEDGE OF QUALIFIED BIDDERS.  
E. THE SPECIFICATIONS (DIVISION 16) AND CONTRACT DOCUMENTS REFERS TO WORK REQUIRED IN ADDITION TO (OR ABOVE) THE MINIMUM REQUIREMENTS OF THE NEC AND APPLICABLE LOCAL CODES. ALL WORK SHALL COMPLY WITH ALL APPLICABLE CODES AS A MINIMUM AND WITH THE ADDITIONAL REQUIREMENTS CALLED FOR IN THESE CONTRACT DOCUMENTS (PLANS AND SPECS).  
F. COORDINATE AND VERIFY POWER AND TELEPHONE COMPANY SERVICE REQUIREMENTS PRIOR TO BID. BID TO INCLUDE ALL WORK REQUIRED.
- 16102 SUBMITTALS  
A. SUBMIT ELECTRONIC PDF COPIES FOR APPROVAL.  
B. EACH COPY OF THE SUBMITTALS SHALL INCLUDE A COVER PAGE LISTING EACH ITEM WITHIN THE SUBMITTAL LEAVE AMPLE SPACE ON THE COVER PAGE(S) FOR THE ARCHITECT/ENGINEER'S APPROVAL, STAMP AND APPLICABLE REVIEW NOTES.  
C. WHERE APPLICABLE, SUBMIT DATA SHEETS FOR INTERIOR/EXTERIOR LIGHTING, PANELBOARDS, OVERCURRENT PROTECTIVE DEVICES, SURFACE RACEWAYS, BUILDING WIRE AND CABLE, FLOOR BOXES AND FITTINGS, POKE THRU DEVICES, OCCUPANCY SENSORS, SAFETY SWITCHES, METHOD OF ELECTRICAL IDENTIFICATION, GROUNDING AND BONDING, SUPPORTING DEVICES, FIRE ALARM SYSTEM PANELS AND PERIPHERAL DEVICES AND A ONE LINE DIAGRAM, METAL RACEWAYS, SURGE SUPPRESSION EQUIPMENT AND WIRING DEVICES WITH FINISHES SHOWN. SUBMIT COLOR SAMPLES AS REQUESTED BY THE ARCHITECT.
- 16111 RACEWAYS AND FITTINGS  
A. ALL WIRING SHALL BE INSTALLED IN APPROPRIATE RACEWAY SYSTEMS OF RIGID GALVANIZED CONDUIT, ELECTRIC METALLIC TUBING, SCHEDULE 40 PVC, FLEXIBLE STEEL CONDUIT AND LIQUID-TITE FLEXIBLE CONDUIT AS CONDITIONS AND CODE DICTATE. EMT SHALL BE JOINED WITH STEEL SET SCREW TYPE FITTINGS. PVC SHALL BE USED BELOW GRADE OR IN SLABS ONLY.  
B. ALL CONDUIT SHALL HAVE AN INSULATED COPPER EQUIPMENT GROUNDING CONDUCTOR THROUGHOUT THE ENTIRE LENGTH OF CIRCUIT WITHIN CONDUIT.  
C. MINIMUM CONDUIT SIZE TO BE 3/4".  
D. ALL PENETRATIONS THROUGH FIRE RESISTANCE RATED PARTITIONS AND OTHER ASSEMBLIES, INCLUDING EMPTY OPENINGS AND OPENINGS CONTAINING CABLES, CONDUITS AND OTHER PENETRATING ITEMS, SHALL BE FIRE-STOPPED TO PRESERVE THE FIRE RESISTANCE RATING OF THE ASSEMBLY. FIRE-STOPPING SHALL COMPLY WITH THE FOLLOWING:  
1. COMPATIBILITY: PROVIDE FIRESTOPPING COMPOSED OF COMPONENTS THAT ARE COMPATIBLE WITH EACH OTHER, THE SUBSTRATES FORMING OPENINGS, AND THE ITEMS, IF ANY, PENETRATING THE FIRESTOPPING UNDER CONDITIONS OF SERVICE AND APPLICATION, AS DEMONSTRATED BY FIRESTOPPING MANUFACTURER BASED ON TESTING AND FIELD EXPERIENCE.  
2. FIRESTOPPING SHALL BE LISTED IN THE UNDERWRITERS LABORATORIES FIRE RESISTANCE DIRECTORY AND INSTALLATION SHALL BE IDENTICAL TO THAT SHOWN IN THE DIRECTORY.  
3. FIRESTOPPING DETAILS SHALL BE SUBMITTED AND APPROVED BY THE ARCHITECT, ENGINEER AND AUTHORITY HAVING JURISDICTION PRIOR TO INSTALLATION.
- 16123 BUILDING WIRE AND CABLE  
A. ALL BRANCH CIRCUITS SHALL BE COPPER WITH THW 75' INSULATION, MINIMUM STANDARD, WIRE SIZE #12 AWG.  
B. TYPE MC WITH COLOR CODED METAL JACKET AS MANUFACTURED BY AMERICAN FLEX CO. ABOVE HUNG CEILINGS AND CONCEALED IN PARTITIONS.

- C. MINIMUM SIZE CONDUIT SHALL BE 3/4".  
D. COLOR CODING SHALL COMPLY WITH THE APPLICABLE NATIONAL ELECTRICAL CODE, EXCEPT PHASE CONDUCTORS OF EACH VOLTAGE SYSTEM MUST BE OF A DIFFERENT COLOR AND COLOR CODE SHALL COMPLY WITH THE OF THE NEC AND NEMA STANDARDS.  
E. ALL FEEDERS AND BRANCH CIRCUITS SHALL BE PROVIDED WITH AN EQUIPMENT GROUNDING CONDUCTOR.
- 16131 OUTLET BOXES  
A. OUTLET BOXES SHALL BE GALVANIZED STEEL. BOXES SHALL BE 4" SQUARE AND 1-1/2" DEEP GENERALLY. LARGER BOXES WILL BE USED AS REQUIRED BY CODE.  
B. INSTALL BOXES TO PRESERVE FIRE RESISTANCE RATING OF PARTITIONS AND OTHER ELEMENTS.
- 16141 WIRING DEVICES  
A. ALL RECEPTACLES SHALL BE 20 AMP, 125 VOLT GROUNDING TYPE, SPECIFICATION GRADE, SEE SYMBOL LIST AT RIGHT.  
B. SWITCHES SHALL BE 20 AMP, 125V SILENT TYPE, SPECIFICATION GRADE.  
C. RECEPTACLES LOCATED WHERE WATER OR WET CONDITIONS EXIST SHALL BE ON GROUND FAULT CIRCUITS OR BE GROUND FAULT INTERRUPTING TYPE. PROVIDE GFCI RECEPTACLES WHERE RECEPTACLES ARE WITHIN 6'-0" OF WATER DISPENSING EQUIPMENT.  
D. DEVICE PLATES AND DEVICE FINISHES SHALL BE AS SPECIFIED IN THE SYMBOL LIST OR EQUAL BY HUBBELL OR LEVITON.
- 16190 SUPPORTING DEVICES  
A. ALL EQUIPMENT SHALL BE FIRMLY MOUNTED USING APPROVED HANGERS ATTACHED TO STRUCTURAL PORTIONS OF THE BUILDING.  
B. SUPPORTING WITH TIE WIRE IS PROHIBITED.  
C. LIGHT FIXTURES IN OR ON CEILINGS MAY BE SUPPORTED BY THE CEILING SYSTEM, IF ACCEPTABLE TO CEILING SYSTEM MANUFACTURER AND IS FASTENED TO THE CEILING FRAMING MEMBER BY MECHANICAL MEANS.
- 16441 ENCLOSED DISCONNECT SWITCHES  
A. DISCONNECT SWITCHES SHALL BE HEAVY DUTY AND SHALL USE A QUICK-MAKE, QUICK-BREAK MECHANISM WITH AN ENCLOSURE OF A NEMA TYPE CONFORMING TO AREA IN WHICH IT IS INSTALLED.  
B. DISCONNECTS FOR MOTORS SHALL BE HORSEPOWER RATED.  
C. FUSIBLE DISCONNECTS SHALL BE PROVIDED WITH CURRENT LIMITING TYPE FUSES AND REJECTION CLIPS. FUSES SERVING MOTOR LOADS SHALL BE DUAL ELEMENT TYPE.
- 16478 OVERCURRENT PROTECTIVE DEVICES  
A. PANELS SHALL BE FULL SIZE, I.E. MINIMUM 20" WIDE X 5-3/4" DEEP USING FULL SIZE, BOLT-ON, QUICK-MAKE, QUICK-BREAK CIRCUIT BREAKERS OF THE THERMAL MAGNETIC TYPE.  
B. MAINS SHALL BE LUGS ONLY OR MAIN BREAKERS AS REQUIRED.  
C. ALL PANELS TO HAVE SEPARATE EQUIPMENT GROUND BAR AND TYPEWRITTEN DIRECTORIES.  
D. CIRCUIT BREAKERS FEEDING AIR-CONDITIONING AND REFRIGERATION EQUIPMENT SHALL BE HACR RATED.  
E. CIRCUIT BREAKERS FEEDING HID LIGHTING SHALL BE HID RATED.  
F. CIRCUIT BREAKERS USED FOR SWITCHING OF LIGHT FIXTURES SHALL SWITCH DUTY RATED.  
G. COORDINATE THE REQUIRED SIZE OF ALL CONDUCTORS CIRCUIT BREAKERS AND FUSES FEEDING EQUIPMENT, (I.E. MOTORS, HVAC, KITCHEN EQUIPMENT, SPECIAL PURPOSE OUTLETS, ELEVATORS, OWNER FURNISHED EQUIPMENT ETC.) WITH APPROVED EQUIPMENT SHOP DRAWINGS AND OWNER REPRESENTATIVES PRIOR TO ORDERING PANELBOARDS. BREAKERS AND FUSES SHALL BE SIZED PER THE NEC, THE EQUIPMENT NAME PLATE AND MANUFACTURER RECOMMENDATIONS.  
H. PANELBOARD MANUFACTURER SHALL MATCH EXISTING BASE BUILDING TYPE/STYLE.
- 16500 LIGHTING  
A. ALL LIGHT FIXTURES SHALL BE FURNISHED COMPLETE WITH LAMPS, AND ALL NECESSARY MOUNTING HARDWARE, HANGERS AND TRIM. CONTRACTOR SHALL COORDINATE AND PROVIDE FIXTURE TRIMS AND SUPPORTS AS REQUIRED FOR THE CEILING SYSTEM BEING FURNISHED.  
B. FLUORESCENT LAMPS SHALL BE T8 ENERGY SAVING TYPE. SEE FIXTURE SCHEDULE FOR ADDITIONAL LAMP SOURCES (IF APPLICABLE).  
C. FLUORESCENT BALLASTS SHALL BE PASSIVE HIGH POWER FACTOR, SOUND RATED, U.L. LISTED/LABELED ELECTRONIC SAVING TYPE WITH NOT MORE THAN 20% TOTAL HARMONIC DISTORTION NOR LESS THAN 10%. BALLASTS WITH HIGH LINE STARTING CURRENT (GREATER THAN 125% OF OPERATING CURRENT) ARE NOT ACCEPTABLE.  
D. HID BALLASTS SHALL BE HIGH POWER FACTOR TYPE WITH CWA TYPE CIRCUIT.  
E. ALL INCANDESCENT LAMPS SHALL BE RATED 130V.  
F. ALL FIXTURES SHALL BE U.L. LABELED FOR APPLICATION (I.E. DAMP LOCATION, WET LOCATION ETC.).
- 16550 EMERGENCY LIGHTING  
A. EMERGENCY LIGHTING UNITS SHALL MEET ALL APPLICABLE CODES AND STANDARDS, U.L. LISTED/LABELED.  
B. UNIT EQUIPMENT WITH INTEGRAL BATTERY BACK-UP, SHALL BE USED.
- 16721 FIRE ALARM SYSTEMS  
A. MODIFY THE EXISTING FIRE ALARM SYSTEM TO INCLUDE NEW SIGNALLING DEVICES SHOWN.  
B. PROVIDE EXPANDER POWER SUPPLIES AS REQUIRED OR AS RECOMMENDED BY FIRE ALARM PANEL MANUFACTURER TO ACCOMMODATE NEW SIGNALLING DEVICES.  
ALL NEW EQUIPMENT SHALL MATCH THE EXISTING SILENTKNIGHT BASE BUILDING DEVICES.
- 16741 TELEPHONE PATHWAYS, AND WIRING  
A. ALL WORK RELATING TO TELEPHONE SYSTEM SHALL BE THE TENANT RESPONSIBILITY EXCEPT FOR PROVISIONS SHOWN ON DRAWINGS.



### TYPICAL STEP-DOWN TRANSFORMER GROUNDING DETAIL

NO SCALE



### TRANSFORMER HANGING DETAIL

NO SCALE

Central Connecticut State University



1615 Stanley Street  
New Britain, CT 06050

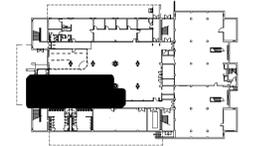
### REVISIONS

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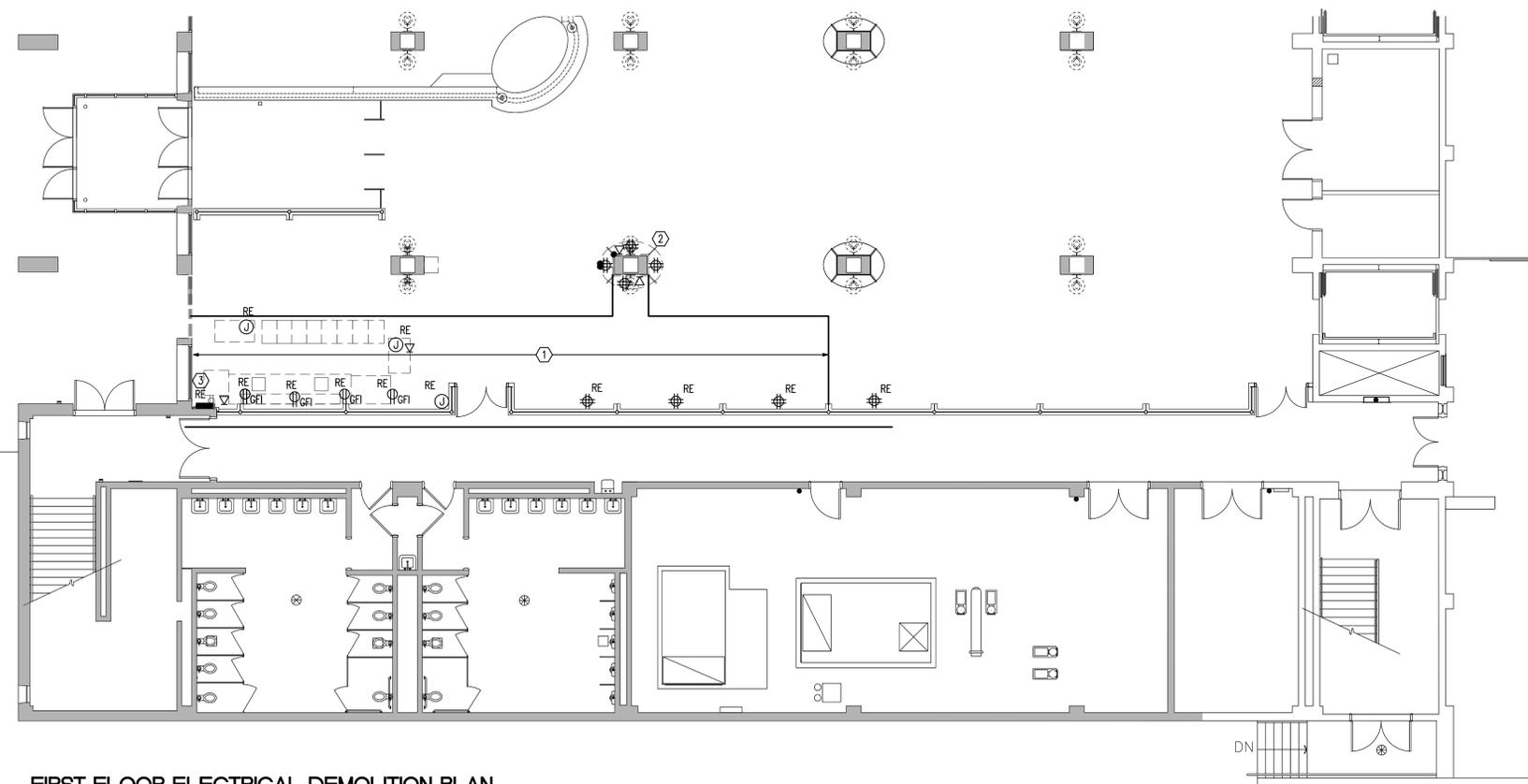
KEY PLAN  
NOT TO SCALE

CCSU PROJECT No.: 22-89  
DPW PROJECT No.: N/A  
DRAWN BY: RW  
DATE: 01/27/2016  
CAD FILE:

### ELECTRICAL DETAILS

BUILDING No.: DRAWING No.:

22 E-0



**FIRST FLOOR ELECTRICAL DEMOLITION PLAN**  
SCALE: 1/8"=1'-0"

Central  
Connecticut  
State  
University



1615 Stanley Street  
New Britain, CT 06050

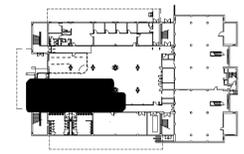
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**KEY PLAN**  
NOT TO SCALE

CCSU PROJECT No.:	22-89
DPW PROJECT No.:	N/A
DRAWN BY:	RW
DATE:	01/27/2016
CAD FILE:	

**ELECTRICAL  
DEMOLITION PLAN**

BUILDING No.:	DRAWING No.:
<b>22</b>	<b>ED-1</b>

- DEMOLITION NOTES**
- THE GENERAL CONTRACTOR SHALL DEMOLISH A PORTION OF THIS FLOOR AS WORK OF THIS RENOVATION PROJECT. REFER TO ARCHITECT'S PLANS FOR EXACT LIMITS OF THE WORK SCOPE.
  - VISIT AND EXAMINE THOSE PORTIONS OF THE BUILDING AND SITE AFFECTED BY THIS WORK BEFORE SUBMITTING PROPOSALS. BECOME FAMILIAR WITH EXISTING CONDITIONS AND DIFFICULTIES THAT WILL EFFECT EXECUTION OF THE WORK. SUBMISSION OF A PROPOSAL WILL BE CONSTRUED AS EVIDENCE THAT SUCH EXAMINATION HAS BEEN MADE AND LATER CLAIMS FOR LABOR, EQUIPMENT OR MATERIALS REQUIRED BECAUSE OF DIFFICULTIES ENCOUNTERED WILL NOT BE RECOGNIZED.
  - CONTRACTOR SHALL INCLUDE IN HIS BID THE TRANSPORT AND DISPOSAL OR RECYCLING OF ALL WASTE MATERIALS GENERATED BY THIS PROJECT IN ACCORDANCE WITH ALL RULES, REGULATIONS AND GUIDELINES APPLICABLE. CONTRACTOR SHALL COMPLY FULLY WITH APPLICABLE STATE STATUTES REGARDING MERCURY CONTAINING DEVICES AND LAMPS. LAMPS, BALLASTS AND OTHER MATERIALS SHALL BE TRANSPORTED AND DISPOSED OF IN ACCORDANCE WITH ALL DEP AND EPA GUIDELINES APPLICABLE AT TIME OF DISPOSAL. CONTRACTOR SHALL PROVIDE OWNER WITH WRITTEN CERTIFICATION OF APPROVED DISPOSAL.
  - ALL EXISTING ELECTRICAL IS NOT SHOWN. ELECTRICAL INFORMATION BASED ON FIELD VISITS AND VISUAL OBSERVATION AND IS SHOWN TO GENERALLY CONVEY THE SCOPE OF WORK.
  - IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING ELECTRICAL COMPONENTS AND UTILITIES AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR ALL EXPENSE FOR REPAIR OR REPLACEMENT OF UTILITIES AND ELECTRICAL COMPONENTS OR OTHER PROPERTY DAMAGED BY OPERATIONS IN CONJUNCTION WITH THE COMPLETION OF THIS WORK.
  - REMOVE ALL ELECTRICAL COMPLETE BACK TO SOURCE, INCLUDING BUT NOT LIMITED TO: POWER, LIGHTING, SYSTEMS, MATERIAL AND EQUIPMENT, CONDUIT, WIRE, CABLES, BOXES, DEVICES, FIXTURES, SUPPORTS, ETC. UNLESS SPECIFICALLY NOTED OTHERWISE, OR REQUIRED FOR CONTINUITY OF CIRCUITS TO EQUIPMENT AND DEVICES NOT IN AREAS OF DEMOLITION.
  - REINSTALL ANY SUCH POWER, LIGHTING, SYSTEMS, MATERIALS AND EQUIPMENT AS REQUIRED FOR CONTINUITY OF CIRCUITS TO EQUIPMENT AND DEVICES NOT IN AREAS OF DEMOLITION OR TO REMAIN.
  - ALL OPENINGS IN FIRE RATED WALLS AND FLOORS, ETC. MADE BY REMOVAL OF ELECTRICAL AND MECHANICAL SHALL BE SEALED AND FIRESTOPPED IN ACCORDANCE WITH UL FIRE DIRECTORY AND SPECIFICATIONS.
  - ALL ITEMS REMOVED AND NOT RE-USED SHALL BE IMMEDIATELY TURNED OVER TO OWNER AS THEY ARE MADE AVAILABLE BY RENOVATION. REMOVE ITEMS FROM JOB SITE AND DELIVER TO OWNERS STORAGE LOCATION(S) AS DIRECTED BY PROJECT MANAGER. DISCARD COMPLETE ITEMS WHICH OWNER ELECTS TO REFUSE.
  - MAINTAIN OPERATION OF BUILDING FIRE ALARM SYSTEM AND ASSOCIATED DEVICES WITHIN AREA OF DEMOLITION AND ADJACENT AREAS AT ALL TIMES. PROVIDE SUPPORTS FOR EXISTING DEVICES DURING DEMOLITION. PROVIDE NEW DEVICES AS PART OF REDO OF ENTIRE FLOOR.
  - MAINTAIN CONTINUITY OF ALL EQUIPMENT WITHIN ELECTRICAL CLOSET EXCEPT AS NOTED. EXISTING PANEL AND/OR TRANSFORMERS TO REMAIN.
  - ALL ELECTRICAL CIRCUITRY AND ASSOCIATED EQUIPMENT SERVING EXISTING HVAC SYSTEM EQUIPMENT AND DEVICES SHALL REMAIN EXCEPT AS NOTED TO BE REMOVED OR RELOCATED.
  - PRIOR TO COMMENCING WORK COORDINATE THE REMOVAL OF SMOKE DETECTORS ASSOCIATED WITH THE FIRE ALARM SYSTEM WITH THE PROPERTY MANAGER. RETAIN ELEVATOR SMOKE DETECTORS AND RECALL DETECTORS UNTIL NEW SYSTEM IS INSTALLED.

- HEX NOTES:**
- APPROXIMATE AREA OF SLAB REMOVAL (SEE ARCHITECTURAL DRAWING I-1101 FOR EXACT AREA). ASSURE ALL CIRCUITS IN FLOORS AND WALLS, INCLUDING STUB UPS ARE REMOVED TO EDGE OF SLAB AND UPS ARE REMOVED TO THE EDGE OF THE SLAB CUT, AND CUT CONDUITS AND PULL WIRES BACK TO SOURCE AND REMOVE. ASSURE THAT CONDUITS SERVING OTHER AREAS OF THE LIBRARY ARE NOT DISTURBED. COORDINATE WITH SLAB DEMOLITION CONTRACTOR WITH APPROPRIATE METHODS TO DO SO.
  - THIS COLUMN SHALL HAVE ITS ELECTRONIC AND ELECTRICAL DEVICES REMOVED DURING DEMOLITION AND REPLACED EXACTLY AS THEY WERE DURING THE CONSTRUCTION PHASE. PULL BACK CIRCUITS TO ABOVE CEILING OR JUST BELOW AND TAG FOR RECONSTRUCTION. COORDINATE WITH ARCHITECT (BEFORE BID) TO ASSURE APPROPRIATE PULL BACK AREA.
  - REMOVE EXISTING PANEL AND ALL CIRCUITS. REMOVE POWER FEED BACK TO SOURCE.

- DEMOLITION SYMBOLS:**
- RE EXISTING DEVICE TO BE REMOVED, INCLUDING FEEDER OR BRANCH WIRING TO THE SOURCE
  - E EXISTING DEVICE TO REMAIN INCLUDING BRANCH WIRING TO THE SOURCE
  - RL EXISTING DEVICE TO BE RELOCATED PER DIRECTIONS EXTEND BRANCH WIRING AS REQUIRED



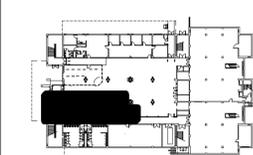
REVISIONS

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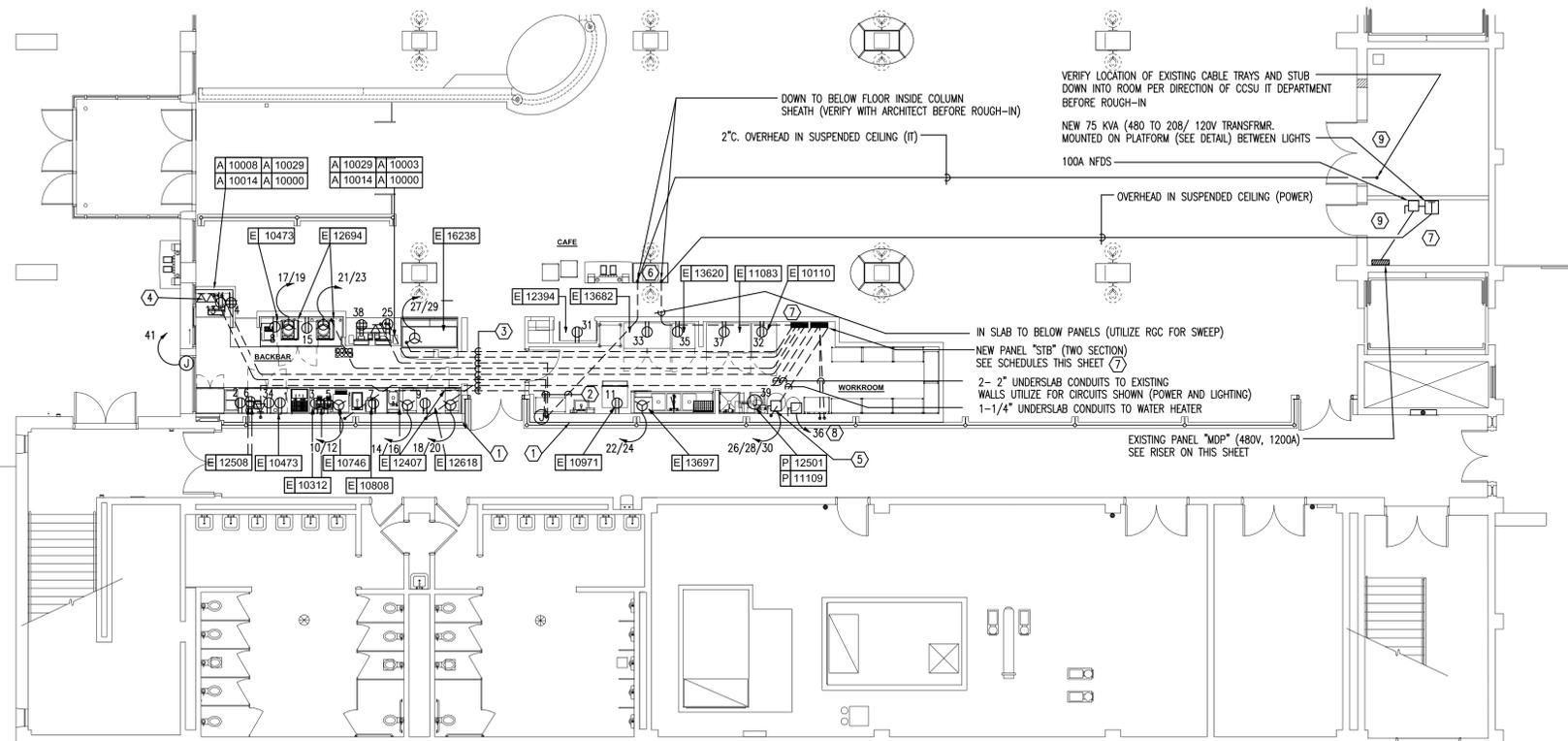
KEY PLAN  
NOT TO SCALE

CCSU PROJECT No.: 22-89  
DPW PROJECT No.: N/A  
DRAWN BY: RW  
DATE: 01/27/2016  
CAD FILE:

ELECTRICAL POWER PLAN

BUILDING No.: DRAWING No.:

22 E-1



FIRST FLOOR ELECTRICAL POWER PLAN

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

- GENERAL NOTES:
- BRANCH WIRING SHOWN ON PLAN IS 2#12+1#12 GROUND EXCEPT AS NOTED. BRANCH CIRCUITS SHOWN ON PLAN ARE 20A-120V EXCEPT AS NOTED.
  - CIRCUIT NUMBERS ON THIS PLAN SHALL BE TO NEW STARBUCKS PANEL "STB" (208/120V, 3PH, 4W) UNLESS NOTED OTHERWISE.
  - 208V, 1PH CIRCUIT NUMBERS SHOWN AS (22/24); 208V, 3PH CIRCUIT NUMBERS SHOWN (22/24/26).
  - FOR ALL ELECTRICAL APPURTENANCES CHOOSE FROM THREE (3) MANUFACTURERS (LEVITON, PASS AND SEYMORE AND HUBBELL).
  - ELECTRICAL CONTRACTOR SHALL INCLUDE FIVE PIECES PF EQUIPMENT TO BE ATTACHED WITH CORD AND PLUG. PROVIDE CORD AND PLUG.

HEX NOTES:

- ALL CIRCUITS ALONG THIS WALL SHALL BE GFI TYPE UNLESS NOTED OTHERWISE.
- IT CONDUIT FROM COLUMN TO ACCESSIBLE JB BEHIND MOVEABLE SHELVING (2°C); FROM JB TO POS LOCATIONS & VITAMIX (1°C. EACH)
- IN SLAB CONDUIT ROUTING; SEE NOTES FOR SIZES AND SERVICES WITHIN EACH BEFORE ROUGH-IN
- TYPICAL NOTATION FOR STUB-UPS BELOW FREE STANDING EQUIPMENT ALONG CUSTOMER SERVICE SIDE; SEE APPROXIMATE DIMENSIONS AND VERIFY WITH EQUIPMENT MANUFACTURER AND CUT SHEETS BEFORE ROUGH-IN.
- CONNECTION TO THREE (3) PHASE WATER HEATER (24 KW); 3#4 AND #8 GND TO CCTS SHOWN, NFDS 100A/3P NEMA 3R.
- THIS COLUMN HOUSES FOUR (4) RECEPTACLES AND IT OUTLETS; EC SHALL NOTE THE CIRCUITS AND THE SOURCE OF EACH OF THOSE. PULL BACK TO ABOVE CEILING AND TIE OFF DURING DEMOLITION THEN RECONNECT DURING RECONSTRUCTION TO SAME SOURCE CIRCUITS. PROVIDE PANELS (BOLT-IN BREAKERS, LOCKABLE COVER) AND TRANSFORMER (K-RATED) EQUAL TO SQUARE D, SEIMENS OR GE.
- HOT WATER RECIRC PUMP.
- FIRE STOP ALL WALL PENETRATIONS IN ELECTRICAL AND DATA ROOMS

PANEL: STB (SECTION 1)		FRAME SIZE: 225A		VOLTAGE: 208/120							
LOCATION: ELECTRICAL CLOSET		MLO (AMPS): 225A		PHASE: 3ø							
FEEDER: SEE RISER DIAGRAM ON THIS SHEET		AIC: 22,000		WIRE: 4W+G+G							
OCT NO.	BR P	LC CHAN	CIRCUIT DESCRIPTION	PHASE A	PHASE B	PHASE C	CIRCUIT DESCRIPTION	LC CHAN	BR P	OCT NO.	
1	20	1	FRIDGE U/COUNTER (10473)	480	1800		VITAMIX (12508)		20	1	
3	20	1	WARMING STAND (10312)		90	150	POS		20	1	
5	20	1	WARMING STAND (10312)				VITAMIX (12508)		20	1	
7	20	1	GRINDER DITTING (10808)	1560	1300		INSTANT HOT		20	1	
9	20	1	FRIDGE U/COUNTER (12618)		480	4100	BREWER SOFT HEAT (10746)		50	2	
11	25	1	ICE - MACHINE (10971)			500	4100	BREWER SOFT HEAT (10746)	50	1	
13	20	1	POS - REGISTER (10003)	300	3120		OVEN TURBOCHEF (12407)		40	2	
15	20	1	FRIDGE U/COUNTER (10473)		480	3120	OVEN TURBOCHEF (12407)		40	1	
17	40	2	ESPRESSO MACHINE (12694)			3100	3120	OVEN TURBOCHEF (12407)	40	2	
19	40	1	ESPRESSO MACHINE (12694)	3100	3120			OVEN TURBOCHEF (12407)	40	1	
21	40	2	ESPRESSO MACHINE (12694)		3100	3172		WAREWASHER HOT (13697)	40	2	
23	40	1	ESPRESSO MACHINE (12694)			3100	3172	WAREWASHER HOT (13697)	40	1	
25	20	1	POS - REGISTER (10003)	300	8000			ELECTRIC WATER HEATER	85	1	
27	15	2	FOOD CASE (16238) - ZEPHYR		936	8000		ELECTRIC WATER HEATER	85	3	
29	15	1	FOOD CASE (16238) - ZEPHYR			936	8000	ELECTRIC WATER HEATER	85	1	
31	20	1	FOOD CASE (12394)	1320	1020			FRIDGE 1 DOOR (10110)	20	1	
33	20	1	FREEZER 2 DOOR (13682)		1320	60		CARBONATION MACHINE	20	1	
35	20	1	FREEZER 1 DOOR (11803)			864	93	HW RECIRC PUMP	20	1	
37	20	1	FRIDGE 2 DOOR (11083)	1200	150			POS	20	1	
39	20	1	WTR FILTRATION (P11109)		500	0		SPARE	20	1	
41	20	1	SPARE			0	0	SPARE	20	1	
TOTAL CONNECTED AND DEMAND LOADS (VA)				---	---	---	---	---	---	---	---
TOTAL DIVERSIFIED LOADS 30% (VA)				---	---	---	---	---	---	---	---
TOTAL AMPERAGE				---	---	---	---	---	---	---	---

PANEL: STB (SECTION 2)		FRAME SIZE: 225A		VOLTAGE: 208/120							
LOCATION: ELECTRICAL CLOSET		MLO (AMPS): 225A		PHASE: 3ø							
FEEDER: SEE RISER DIAGRAM ON THIS SHEET		AIC: 22,000		WIRE: 4W+G+G							
OCT NO.	BR P	LC CHAN	CIRCUIT DESCRIPTION	PHASE A	PHASE B	PHASE C	CIRCUIT DESCRIPTION	LC CHAN	BR P	OCT NO.	
43	20	1	SIGN CIRCUIT (SWITCHED)	500	200		HANGING APPARATUS LIGHTS		20	1	
45	20	1	SIGN CIRCUIT (SWITCHED)		500	200	HANGING APPARATUS LIGHTS		20	1	
47	20	1	AREA LIGHTING CIRCUIT			100	150	STORAGE AREA LIGHTING	20	1	
49	20	1	SPARE					SPARE	20	1	
51	20	1	SPARE					SPARE	20	1	
53	20	1	SPARE					SPARE	20	1	
55	20	1	SPARE					SPARE	20	1	
57	20	1	SPARE					SPARE	20	1	
59	20	1	SPARE					SPARE	20	1	
61	20	1	SPARE					SPARE	20	1	
63	20	1	SPARE					SPARE	20	1	
65	20	1	SPARE					SPARE	20	1	
67	20	1	SPARE					SPARE	20	1	
69	20	1	SPARE					SPARE	20	1	
71	20	1	SPARE					SPARE	20	1	
73	20	1	SPACE					SPACE	20	1	
75	20	1	SPACE					SPACE	20	1	
77	20	1	SPACE					SPACE	20	1	
79	20	1	SPACE					SPACE	20	1	
81	20	1	SPACE					SPACE	20	1	
83	20	1	SPACE					SPACE	20	1	
TOTAL CONNECTED AND DEMAND LOADS (VA)				8,760	18,710	7,408	18,802	8,690	20,435		
TOTAL DIVERSIFIED LOADS 30% (VA)				19,229	18,346	20,388					
TOTAL AMPERAGE				161							

SPECIALTY EQUIPMENT SCHEDULE - "E"				
DESIGN ID	COUNT	DESCRIPTION	RESP.	COMMENTS
COOLING				
10110	1	FRIDGE REACH IN 1 DOOR RH - 29IN 735MM	SB / GC	120V- 1 PH (8A (5-15P))
10473	2	FRIDGE UNDERCOUNTER 2 DOOR - 48IN 1220MM	SB / GC	120V- 1 PH (4A (5-15P))
11083	1	FRIDGE REACH IN 2 DOOR - 51X35IN 1295X890MM	SB / GC	120V- 1 PH (10A (5-15P))
12618	1	FRIDGE UNDERCOUNTER 1 DOOR WITH SHELF - 27IN 685MM	SB / GC	120V- 1 PH (4A (5-15P))
13620	1	FREEZER REACH IN 1 DOOR LH - 27IN 685MM	SB / GC	120V- 1 PH (7.2A (5-15P))
13682	1	FREEZER REACH IN 2 DOOR - 54IN 1370MM	SB / GC	120V- 1 PH (11A (5-20P))
EQUIPMENT				
10312	2	BREWER SOFT HEAT WARMING STAND SINGLE	SB / GC	120V- 1 PH (90W (5-15P))
10746	1	BREWER DUAL SOFT HEAT	SB / GC	120/208V-1 PH (40.1A/ 8200 WATTS); #6 WIRE
10808	1	GRINDER DITTING	SB / GC	120V- 1 PH (13A (5-15P))
10856	4	BREWER SERVER SOFT HEAT	SB / GC	120V- 1 PH (72 W (5-15P))
12407	2	OVEN TURBOCHEF NEXT GENERATION	SB / GC	208V- 1 PH (30A); #10 WIRE
12508	2	BLENDER QUIET MODEL ON COUNTER	SB / GC	208V- 1 PH (1550W)
12694	2	ESPRESSO MACHINE MASTRENA	SB / GC	120V- 1 PH (6200W) #8 WIRE
13697	1	WAREWASHER HOT	SB / GC	120/208V- 1 PH (30.5A)
FOOD CASE				
12394	1	FOOD CASE - UPRIGHT SELF SERVE CHILLED - 46IN 1170MM	SB / GC	120V- 1 PH (11A (5-20P))
16238	1	FOOD CASE - ZEPHYR - 66IN 1675MM	SB / GC	208V- 1 PH (9A)
ICE				
10102	1	ICE - BIN B55	SB / GC	
10344	1	ICE - BIN DROP IN 90LB 40KG	SB / GC	
10971	1	ICE - MACHINE ICE0500HA AIR COOLED SIDE VENT	SB / GC	120V- 1 PH (19A); #10 WIRE
OTHER				
10091	1	CUP DISPENSER TALL HOT VERTICAL	SB / GC	
10396	1	CUP DISPENSER SHORT HOT VERTICAL	SB / GC	
10791	2	CUP DISPENSER GRANDE VENTI COLD VERTICAL	SB / GC	
10829	7	CORNER GUARD - 1.25IN 30MM	GC / GC	
10855	2	CUP DISPENSER GRANDE VENTI HOT VERTICAL	SB / GC	
10858	1	CUP DISPENSER TALL COLD VERTICAL	SB / GC	
10947	1	SOAP DISPENSER WALL MOUNTED	LC / GC	
10977	1	PAPER TOWEL DISPENSER FULL SIZE - TRANSLUCENT GRAY	LC / GC	

RESPONSIBILITY LEGEND - LICENSED STORES

SB / GC	FURNISHED BY STARBUCKS / INSTALLED BY AGENCY'S GENERAL CONTRACTOR
SB / FC	FURNISHED BY STARBUCKS / INSTALLED BY STARBUCKS FIXTURE CONTRACTOR
GC / GC	FURNISHED BY AGENCY'S GENERAL CONTRACTOR / INSTALLED BY AGENCY'S GENERAL CONTRACTOR
LC / GC	FURNISHED BY AGENCY / INSTALLED BY AGENCY'S GENERAL CONTRACTOR
L/LC	FURNISHED BY AGENCY / INSTALLED BY AGENCY

DATA DEVICE SCHEDULE - "A"				
DESIGN ID	COUNT	DESCRIPTION	RESP.	COMMENTS
DATA				
10000	2	PHONE 1 LINE	LC / LC	
POINT OF SALE				
10003	2	POS - REGISTER WITH FULL SIZE CASH DRAWER	LC / LC	120V- 1 PH ((5-15P))
10008	1	POS - REGISTER WITH COMPACT CASH DRAWER	LC / LC	120V- 1 PH ((5-15P))
10014	3	POS PRINTER	LC / LC	120V- 1 PH ((5-15P))
10029	5	POS BANK	LC / LC	
REFER TO ALLOWANCE #1 IN SPECIFICATION SECTION IN 01019 FOR DATA. POWER CONDUIT AND CIRCUITS BY GC				



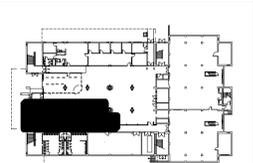
REVISIONS

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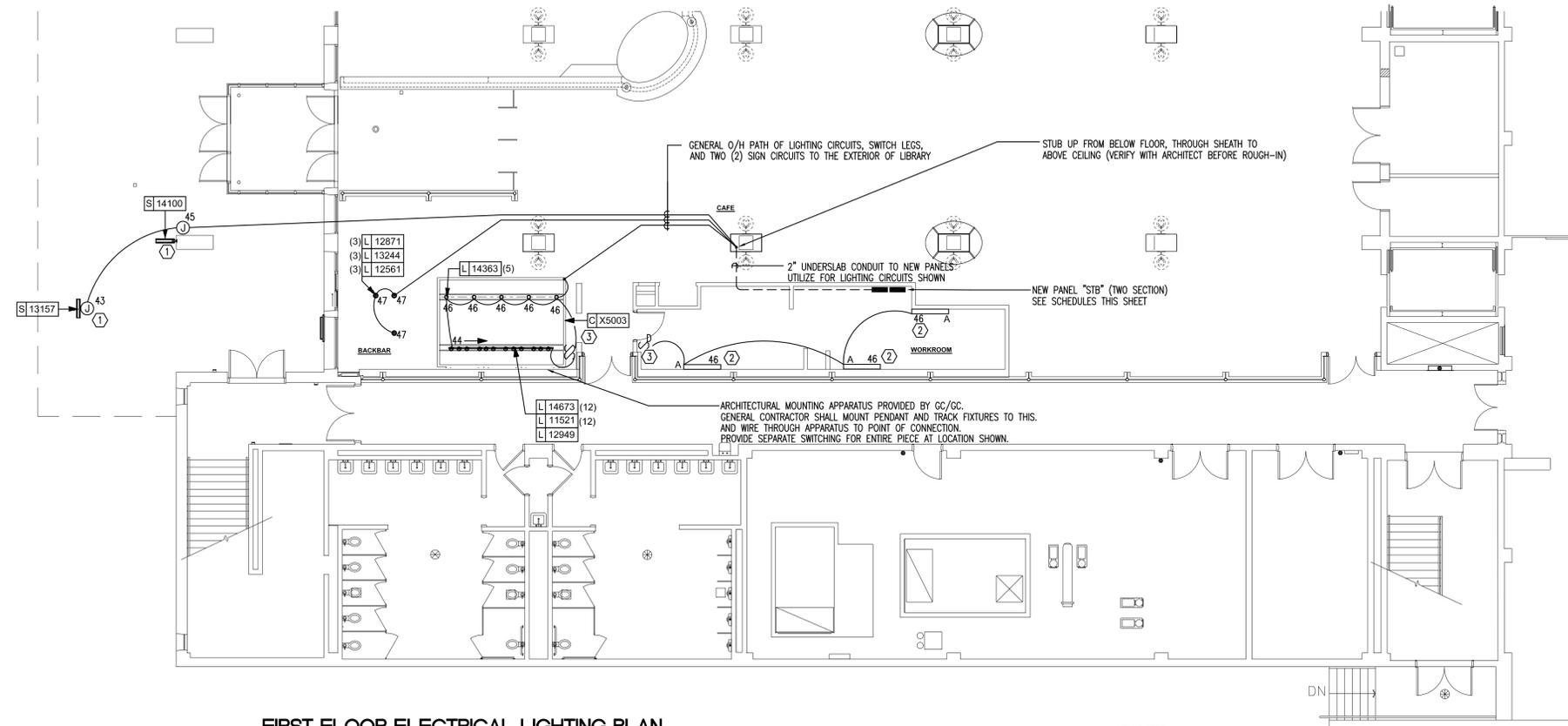
KEY PLAN  
NOT TO SCALE

CCSU PROJECT No.:	22-89
DPW PROJECT No.:	N/A
DRAWN BY:	RW
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CAD FILE:	

ELECTRICAL LIGHTING PLAN

BUILDING No.:      DRAWING No.:

22      E-2



FIRST FLOOR ELECTRICAL LIGHTING PLAN

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

GENERAL NOTES:

- BRANCH WIRING SHOWN ON PLAN IS 2#12+1#12 GROUND EXCEPT AS NOTED. BRANCH CIRCUITS SHOWN ON PLAN ARE 15A-120V EXCEPT AS NOTED.
- CIRCUIT NUMBERS ON THIS PLAN SHALL BE TO NEW STARBUCKS PANEL "STB" (208/120V, 3PH, 4W) UNLESS NOTED OTHERWISE.
- 208V, 1PH CIRCUIT NUMBERS SHOWN AS (22/24); 208V, 3PH CIRCUIT NUMBERS SHOWN (22/24/26)

GENERAL NOTES:

- ALL 120V, 20A CIRCUIT HOMERUNS OVER 50 FT. SHALL BE #10 CU. MINIMUM, UNLESS OTHERWISE NOTED.
- ALL 120V, 20A CIRCUITS WITH HOMERUNS OVER 75 FT. SHALL BE #10 CU. THROUGHOUT ENTIRE CIRCUIT MINIMUM, UNLESS OTHERWISE NOTED.
- ALL 208V, 20A CIRCUIT HOMERUNS OVER 100 FT. SHALL BE #10 CU. MINIMUM, UNLESS OTHERWISE NOTED.
- ALL DATA/COMPUTER RECEPTACLE CIRCUITS SHALL BE PROVIDED WITH A DEDICATED/SEPARATE NEUTRAL FOR EACH PHASE CONDUCTOR.
- ALL 208V, 20A CIRCUITS WITH HOMERUNS OVER 150 FT. SHALL BE #10 CU. THROUGHOUT ENTIRE CIRCUIT MINIMUM, UNLESS OTHERWISE NOTED.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF FIXTURES.
- ALL ELECTRICAL COMPONENTS (I.E. COMMUNICATIONS CABLES, RACEWAYS, BOXES, ETC) SHALL BE SUPPORTED DIRECTLY TO SUPERSTRUCTURE IN STRICT COMPLIANCE WITH N.E.C.-ARTICLE 300-11 (LATEST ADDITION).
- COORDINATE EXACT LOCATION OF LIGHTING FIXTURES IN ALL MECH. ROOMS, SPACES, ETC., WITH DUCTWORK INSTALLER PRIOR TO ROUGH-IN. LOCATE BELOW DUCTWORK (8"-0" A.F.F. MINIMUM) CENTERED IN ROOM AS MUCH AS FEASIBLE.
- COORDINATE EXACT INSTALLATION REQUIREMENTS OF OUTLETS IN MILLWORK WITH ARCHITECTURAL DRAWINGS AND APPROVED MILLWORK SHOP DRAWINGS.
- VERIFY EXACT LOCATION OF ALL MECH. EQUIP. INCLUDING WALL SWITCHES, T'STATS, ETC. WITH MECH. CONTRACTOR AND MECH. DRAWINGS.
- VISIT SITE PRIOR TO SUBMITTING BID.
- ALL EMPTY CONDUITS ARE TO HAVE PULL-STRINGS PROVIDED IN THEM.
- ALL CONDUIT TERMINATIONS AT TERMINAL BOARDS ARE TO HAVE BUSHED CONDUIT ENDS.
- SPICES IN POWER AND LIGHTING OUTLET BOXES SHALL BE KEPT TO A MINIMUM, PULL CONDUCTORS THROUGH TO DEVICES, EQUIPMENT CABINETS AND/OR PANELBOARDS. SPICING IN WIREWAYS IS NOT PERMITTED UNLESS SPECIAL WRITTEN PERMISSION IS GRANTED BY ARCHITECT/ENGINEER.
- CONTRACTOR SHALL INCLUDE IN HIS BID THE TRANSPORT AND DISPOSAL OR RECYCLING OF ALL WASTE MATERIALS GENERATED BY THIS PROJECT IN ACCORDANCE WITH ALL RULES, REGULATIONS AND GUIDELINES APPLICABLE. CONTRACTOR SHALL COMPLY FULLY WITH CONNECTICUT STATUTES REGARDING MERCURY CONTAINING DEVICES AND LAMPS. LAMPS, BALLASTS AND OTHER MATERIALS SHALL BE TRANSPORTED AND DISPOSED OF IN ACCORDANCE WITH ALL DEP AND EPA GUIDELINES APPLICABLE AT TIME OF DISPOSAL. CONTRACTOR SHALL PROVIDE OWNER WITH WRITTEN CERTIFICATION OF APPROVED DISPOSAL.
- ALL CONDUIT (AND CABLES IF ELSEWHERE SPECIFIED) SHALL BE CONCEALED UNLESS IMPOSSIBLE DUE TO EXISTING CONDITIONS (I.E. EXPOSED CEILINGS, BUILDING EXTERIOR WALL RUNS) CONCEAL ALL CONDUITS ABOVE CEILINGS OR IN WALL/COUNTERS.
- ALL NEW DEVICES TO BE FLUSH MOUNTED UNLESS SPECIFICALLY NOTED OTHERWISE.
- ALL WIRE AND BUSSING SHALL BE COPPER, NO EXCEPTIONS.

HEX NOTES:

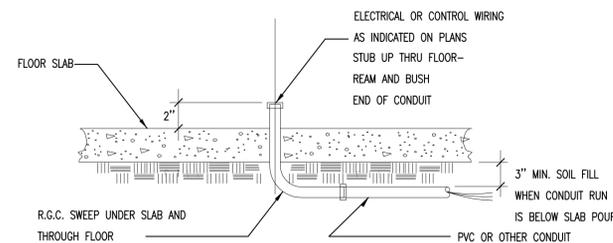
- PROVIDE SWITCHING AT LOCATION DESIRED BY STARBUCKS (VERIFY EXACT LOCATION BEFORE ROUGH-IN)
- SURFACE MOUNTED 4'-0" LED LIGHT (MOUNT WITH TOP EDGE AT TOP OF WALL); WILLIAMS ASM-S-4-L25/835-A-DIM-UNV OR EQUAL
- ROUTE SWITCH LEGS TO BELOW FLOOR VIA UNDERFLOOR CONDUIT (SEE POWER PLAN)

LIGHTING FIXTURE SCHEDULE - "L"

DESIGN ID	COUNT	DESCRIPTION	RESP.	BULB	COMMENTS
<b>LAMP</b>					
12871	3	CFL BIAIX 10-19W	SB / GC		
14673	12	LED PAR 30 850LM 2700K NFL - BLACK	SB / GC		
<b>PENDANT</b>					
14363	5	PENDANT - SMALL OMBRE TEARDROP - BROWN TRANSPARENT GLASS GL0005	SB / GC	(1) 14379 - LED EDISON T10 2W STARLIGHT, OR EQUAL	SUSPEND AT 6'-6" AFF
<b>RECESSED CAN</b>					
12561	3	CAN - RECESSED HOUSING - 5IN 125MM - EXISTING CEILING	SB / GC	(1) 12871 - CFL BIAIX 10-19W	
13244	3	CAN - RECESSED TRIM REFLECTOR - 5IN 125MM - WHITE	SB / GC		
<b>TRACK</b>					
11521	12	TRACK - FIXTURE ENCLOSED - 5IN 125MM - BLACK	SB / GC	(1) 14673 - LED PAR 30 850LM NFL BLACK, OR EQUAL	
12949	1	TRACK - WITH CONNECTORS - 12FT 365CM - BLACK	SB / GC		
<b>LED LIGHT</b>					
A	3	WALL MOUNTED FIXTURE, WILLIAMS ASM-S-4-L25/835-A-DIM-UNV OR EQUAL	GC / GC	LED	

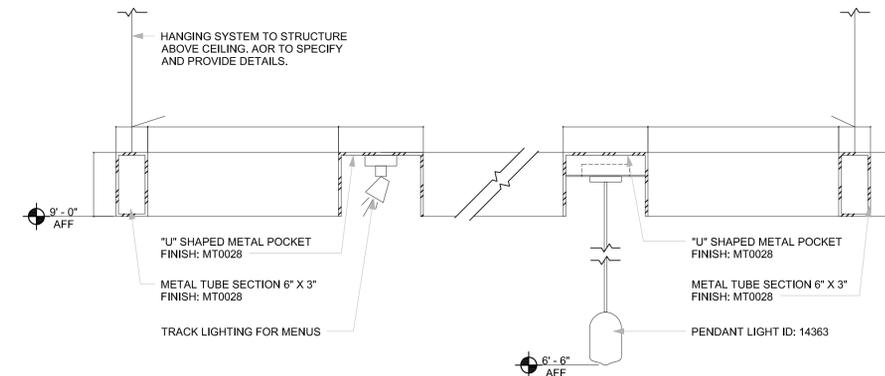
RESPONSIBILITY LEGEND - LICENSED STORES

- SB / GC FURNISHED BY STARBUCKS / INSTALLED BY AGENCY'S GENERAL CONTRACTOR
- SB / FC FURNISHED BY STARBUCKS / INSTALLED BY STARBUCKS FIXTURE CONTRACTOR
- GC / GC FURNISHED BY AGENCY'S GENERAL CONTRACTOR / INSTALLED BY AGENCY'S GENERAL CONTRACTOR
- LC / GC FURNISHED BY AGENCY / INSTALLED BY AGENCY'S GENERAL CONTRACTOR
- LC / LC FURNISHED BY AGENCY / INSTALLED BY AGENCY



THROUGH -SLAB STUB-UP DETAIL

NO SCALE



HANGING LIGHT STRUCTURE MOUNTING

NO SCALE  
FOR REFERENCE ONLY, SEE DRAWING 1-1107



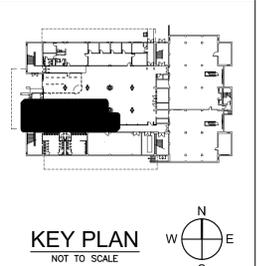
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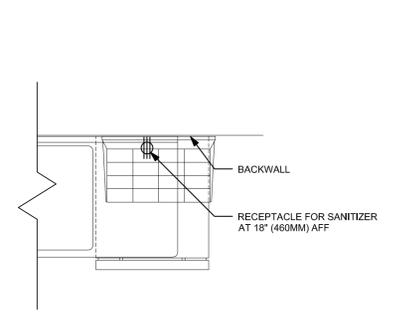
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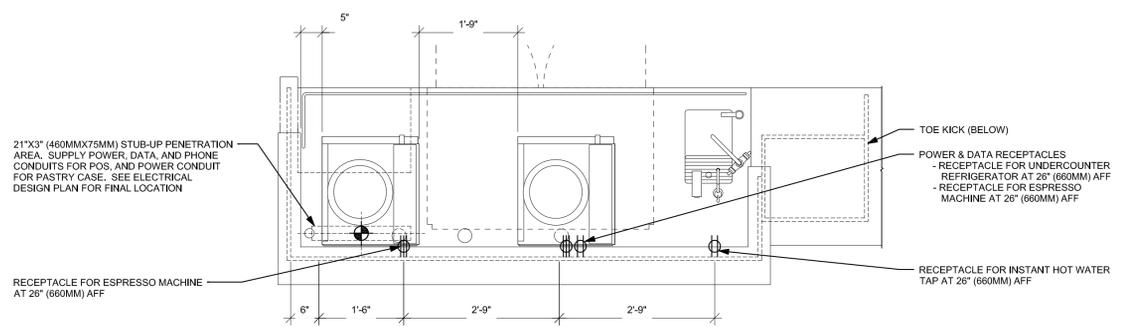
CCSU PROJECT No.:	22-89
DPW PROJECT No.:	N/A
DRAWN BY:	RW
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CAD FILE:	

ELECTRICAL ENLARGED PLAN

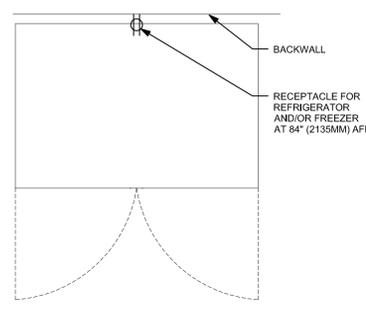
BUILDING No.:	DRAWING No.:
22	E-3



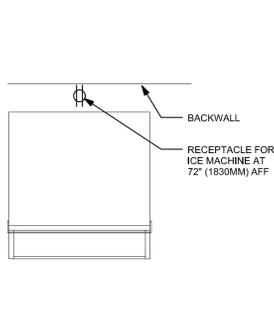
**3 SANITIZING WORKSTATION DETAIL**  
SCALE: 3/4"=1'-0"



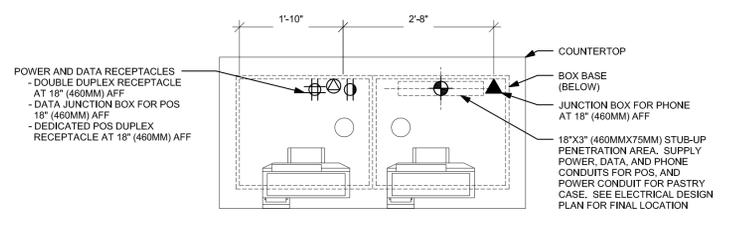
**2 ESPRESSO DETAIL**  
SCALE: 3/4"=1'-0"



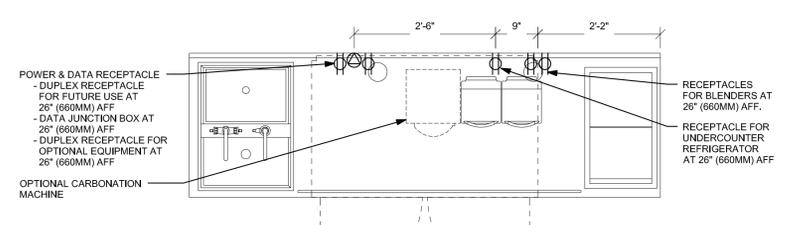
**1A ICE MACHINE DETAIL**  
SCALE: 3/4"=1'-0"



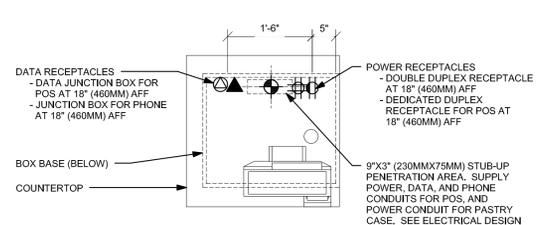
**1 ICE MACHINE DETAIL**  
SCALE: 3/4"=1'-0"



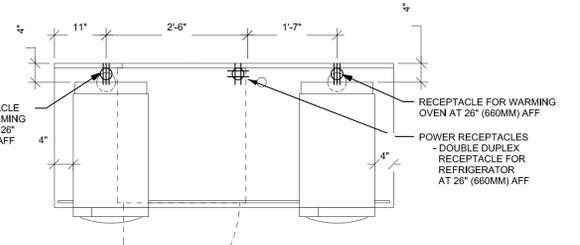
**6 POINT OF SALE DETAIL**  
SCALE: 3/4"=1'-0"



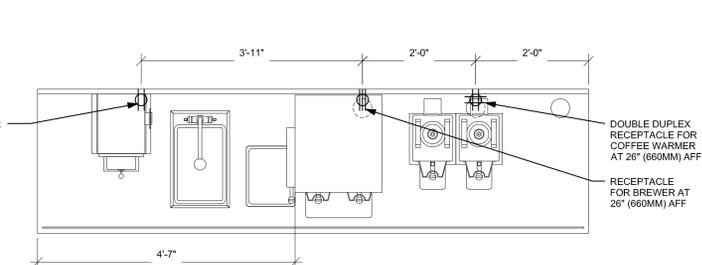
**5 CBS DETAIL**  
SCALE: 3/4"=1'-0"



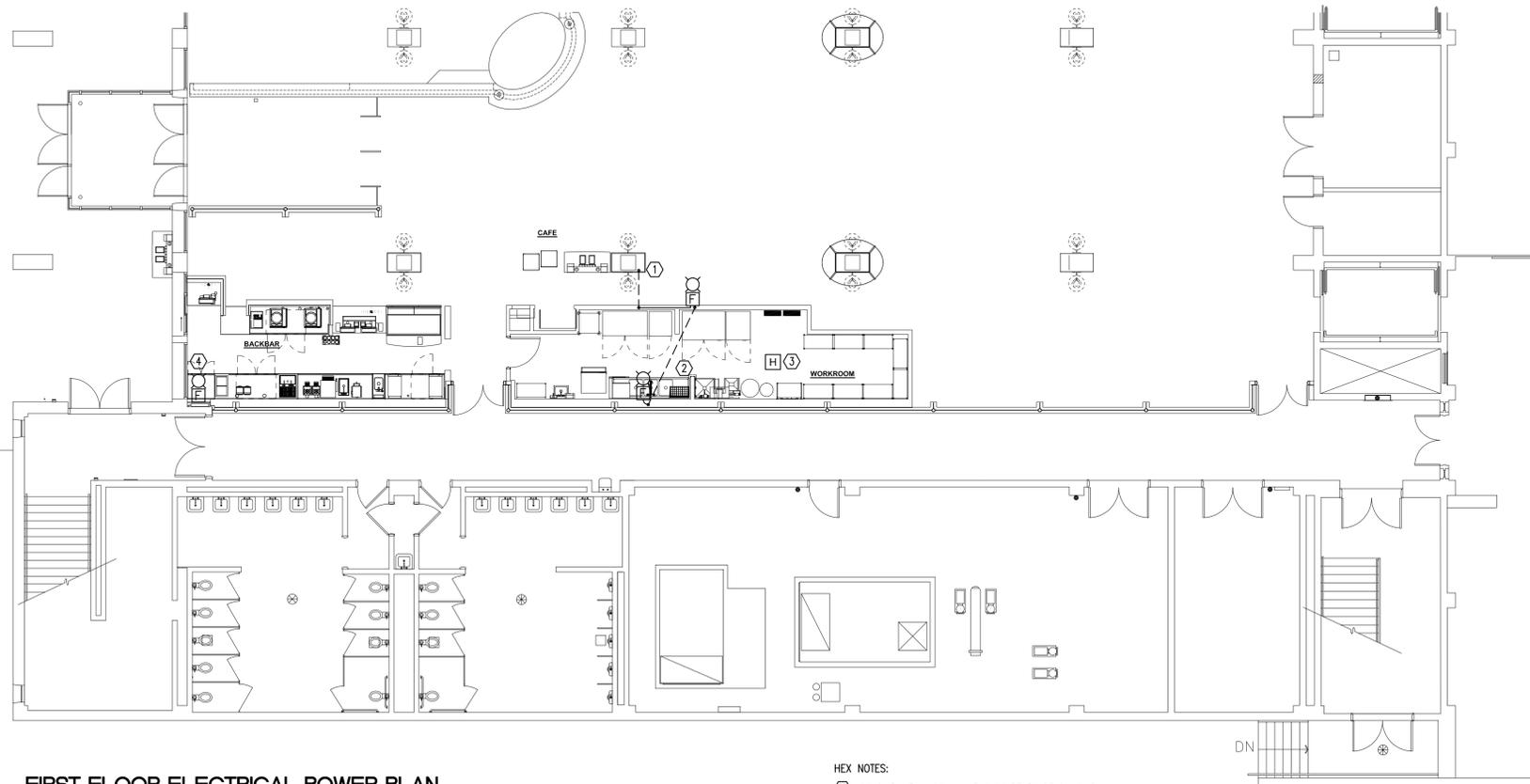
**4 POINT OF SALE DETAIL**  
SCALE: 3/4"=1'-0"



**8 WARMING DETAIL**  
SCALE: 3/4"=1'-0"

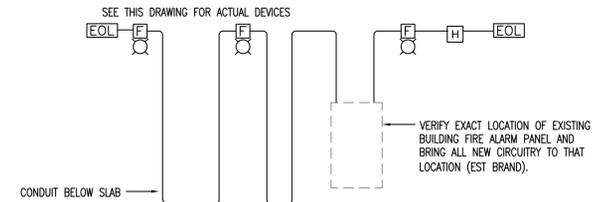


**7 BREW DETAIL**  
SCALE: 3/4"=1'-0"



**FIRST FLOOR ELECTRICAL POWER PLAN**  
SCALE: 1/8"=1'-0"

- HEX NOTES:
- ① CONDUIT WITHIN COLUMN ENCLOSURE TO BELOW SLAB.
  - ② PARTITIONS ARE NOT FULL HEIGHT, PROVIDE UNDERSLAB CONDUIT TO DEVICE.
  - ③ VERIFY LOCATION OF HEAT DETECTOR WITH CCSU FIRE OFFICIAL.
  - ④ PARTITIONS WALL TO CEILING, PROVIDE CONDUIT IN WALL TO ABOVE CEILING



**FIRE ALARM RISER**

- GENERAL NOTES:
1. ALL EQUIPMENT AND DEVICES, AND BRANCH WIRING SHALL BE INSTALLED IN STRICT ACCORDANCE WITH EXISTING BLDG SYSTEMS EQUIPMENT STANDARDS (EST BRAND, ALL PARTS TO BE EST).
  2. THE CONTRACTOR SHALL VERIFY ALL JOB CONDITIONS AND PROVIDE THE PROPER OUTLET BOX TYPE TO SERVE DEVICES WHETHER SURFACE OR RECESSED MOUNTED.
  3. ALL FIRE ALARM SIGNALING DEVICES SHALL BE SUPERVISED, PROVIDE END OF LINE DIODES AS REQUIRED PER THE SYSTEM EQUIPMENT SUPPLIER'S RECOMMENDATIONS.
  4. MAINTAIN THE OPERATION OF THE EXISTING FIRE ALARM SYSTEM DURING ALL PHASES OF DEMOLITION AND NEW CONSTRUCTION.
  5. LIMIT THE QUANTITY OF SIGNALING DEVICES PER CIRCUIT RECOMMENDED BY THE EXISTING SYSTEM MANUFACTURER.
  6. ACTUAL DEVICES SHOWN ON FLOOR PLANS, THOSE SHOWN HERE ARE FOR OVERALL DESIGN PURPOSES ONLY.
  7. PROVIDE AUXILIARY POWER AS REQUIRED. ADD BATTERY CAPACITY AS REQUIRED.
  8. TPC SHALL MOUNT AND TERMINATE ALL NEW DEVICES. WIRING SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
  9. ALL QUESTIONS ABOUT EXISTING SYSTEM SHALL BE COORDINATED WITH TPC ASSOCIATES (203) 506-8086 AND CCSU FIRE LIEUTENANT TERRENCE P. FERRAROTTI (860) 832-2386
  10. ANY FIRE ALARM PROGRAMMING SHALL BE DONE BY CCSU CAMPUS CONTRACTOR "TPC". GC SHALL BE RESPONSIBLE TO HIRE TPC FOR ANY PROGRAMMING OR TIE IN TO THE CURRENT BUILDING FIRE ALARM. TIE IN TO THE CURRENT FIRE ALARM SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR, TPC SHALL BE PRESENT AT ALL TIE INS.
  11. ALL FIRE ALARM PARTS SHALL BE EST PURCHASED FROM ANY EST STRATEGIC PARTNER.
  12. TPC MUST BE ONSITE IF ANY HEAT, SMOKE DETECTOR OR HORN STROBE NEEDS TO BE REMOVED OR RELOCATED.
  13. REFER TO ALLOWANCE #2 IN SPECIFICATION SECTION 01019 FOR ALL FIRE ALARM WORK, CONDUIT BY GC.

**FIRE ALARM AND DETECTION SYMBOL LIST**

SYMBOL	DESCRIPTION	MOUNTING
<b>ALARM SIGNALING DEVICES</b>		
H	FIRE ALARM-COMBINATION HEAT DETECTOR, ADDRESSABLE AND RESETTABLE MATCH THE BUILDING STANDARD	
FIC	FIRE ALARM SPEAKER STROBE MATCH THE BUILDING STANDARD	

Central  
Connecticut  
State  
University



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New Britain, CT 06050

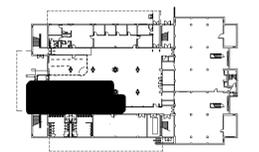
**REVISIONS**

NUMBER	DATE	DESCRIPTION

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**KEY PLAN**  
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CCSU PROJECT No.:	22-89
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**ELECTRICAL  
FIRE ALARM PLAN**

BUILDING No.: DRAWING No.:

**22**

**E-4**



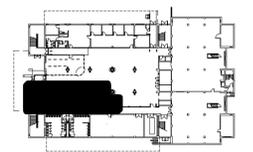
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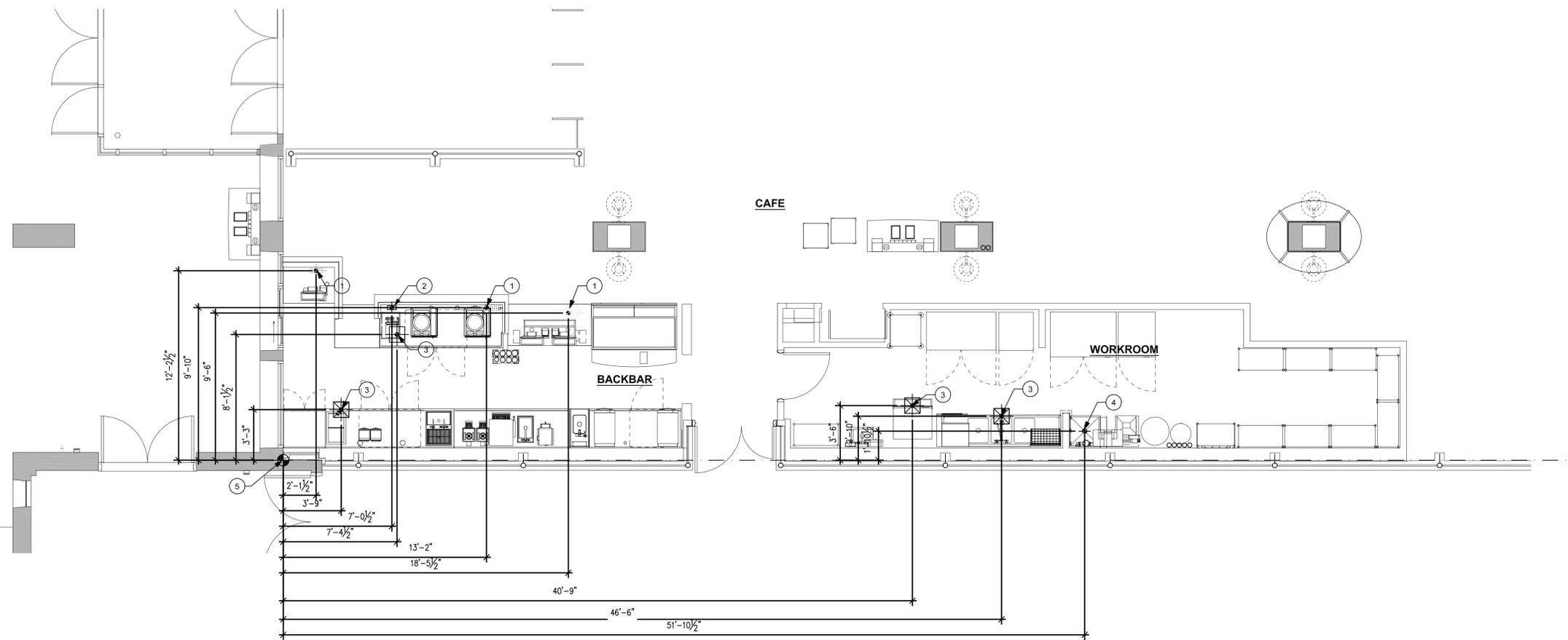


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DATE:	01/27/2016
CAD FILE:	

ELECTRICAL &  
PLUMBING  
PENETRATION PLAN

BUILDING No.:      DRAWING No.:

22      EP-1



ELECTRICAL AND PLUMBING PENETRATION PLAN

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

SHEET NOTES

- 1 ELECTRICAL STUB-UP PENETRATION. REFER TO ELECTRICAL PLAN FOR INDIVIDUAL STUB-UP SPECIFICATIONS.
- 2 PLUMBING STUB-UP PENETRATION. REFER TO PLUMBING PLAN FOR INDIVIDUAL STUB-UP SPECIFICATIONS.
- 3 FLOOR SINK LOCATION. REFER TO CUT SHEETS FOR COMPONENT SPECIFICATIONS AND CUTOUT REQUIREMENTS.
- 4 MOP SINK DRAIN. REFER TO PLUMBING PLAN FOR DRAIN SPECIFICATIONS.
- 5 DATUM INDICATED DIMENSION START POINT.

PENETRATION PLAN NOTES

- A. GENERAL CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND NOTIFY ARCHITECT OF RECORD AND STARBUCKS PROJECT DEVELOPMENT MANAGER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
- B. ALL STUB-UP DIMENSIONS ARE RELATIVE TO FINISHED WALL LOCATIONS (SHOWN AS OUTLINES ON THIS PLAN). REFER TO FLOOR PLAN FOR WALL PLACEMENT.
- C. PENETRATIONS TO BE LOCATED FROM FINISHED FACE OF WALL, ON CENTERLINE OF WALL, OR AS REQUIRED PER CONDITIONS.
- D. GENERAL CONTRACTOR TO COORDINATE WITH SPECIFIC TRADES AND SITE CONDITIONS TO DETERMINE ACTUAL TRENCHING LAYOUT AS REQUIRED.

PENETRATION SYMBOL LEGEND

- FLOOR SINK
- FLOOR PENETRATION
- PLUMBING PENETRATION AREA
- ELECTRICAL PENETRATION AREA
- DATUM POINT
- DATUM LINE  
FACE OF EXISTING CMU WALL