



STARBUCKS COFFEE COMPANY
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SEATTLE, WASHINGTON 98134
(206) 318-1575

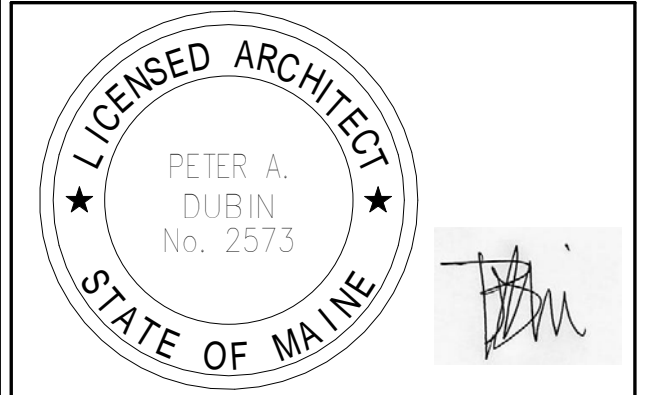
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Fax (314) 373-3514
Engineering Consultants
Mechanical - Electrical - Plumbing



Revision Schedule			
Rev	Date	By	Description

PROJECT NAME:
COMMERCIAL STREET
PROJECT ADDRESS:
**145 COMMERCIAL STREET
PORTLAND, ME 04101
CUMBERLAND COUNTY**

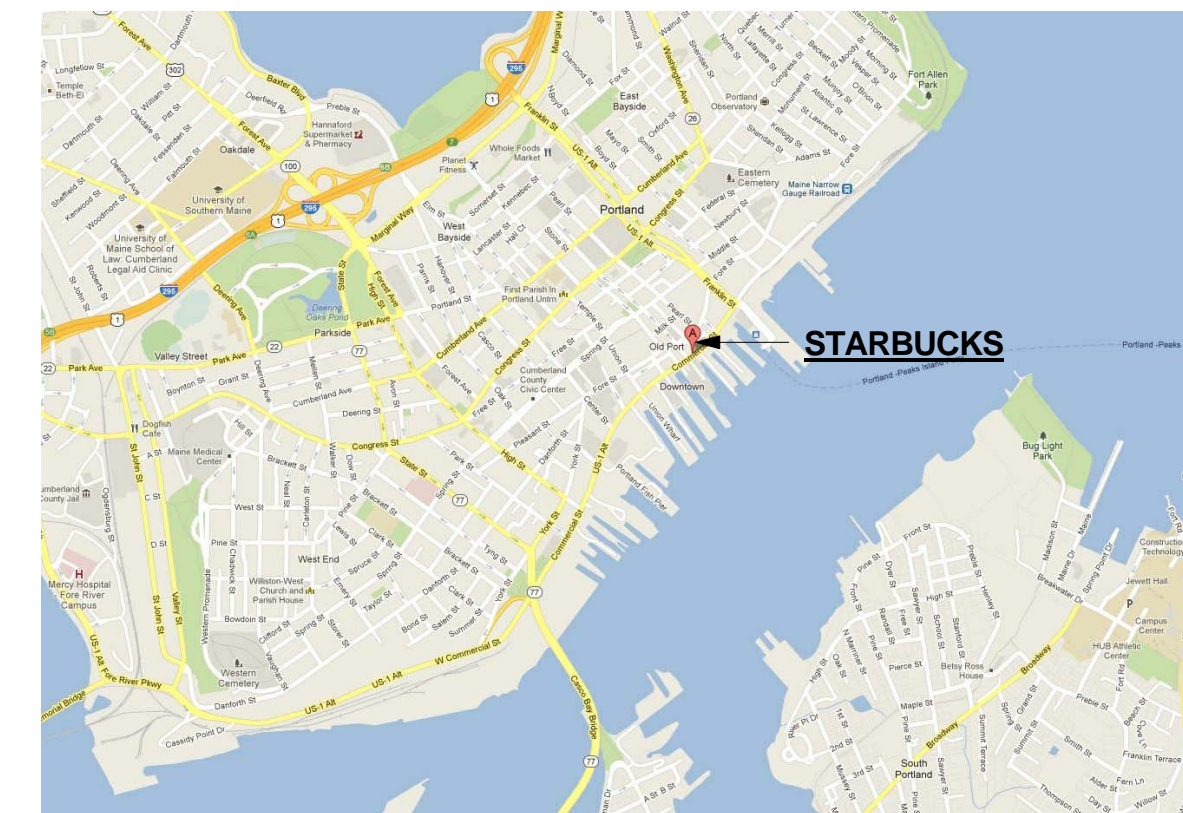
STORE #: 19384
PROJECT #: 58862-001
CONCEPT: MCS
PALETTE: HERITAGE
ISSUE DATE: JAN. 11, 2013
DESIGN MANAGER: E. ZAKAMAREK
LEED® AP:
PRODUCTION DESIGNER: NORR ILLINOIS
CHECKED BY:

SHEET TITLE:
GENERAL INFORMATION

SCALE: As indicated

SHEET NUMBER:
G-001

VICINITY PLAN



ROOM SCHEDULE

NAME	AREA
ACCESS HALLWAY	76 SF
BACKBAR	319 SF
SALES	180 SF
SEATING	800 SF
WORKROOM	305 SF
Grand total	1680 SF

PROJECT CONTACTS

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3D INTERIOR PERSPECTIVE



ARCHITECTURAL SYMBOL LEGEND

	NORTH ARROW		PAINT TAG
	EXTERIOR ELEVATION		DESIGN ID TAG
	INTERIOR ELEVATION		DOOR/WINDOW TAG
	SECTION CALLOUT		ABOVE FINISHED FLOOR HEIGHT TAG (IMPERIAL)
	DETAIL CALLOUT		ABOVE FINISHED FLOOR HEIGHT TAG (METRIC)
	REVISION TAG		DIMENSION LINE FROM FINISH FACE TO FINISH FACE
	DATUM POINT		REVISION CLOUD

GENERAL NOTES

- GENERAL CONTRACTOR SHALL VISIT THE SITE, REVIEW THE BUILDING SHELL DRAWINGS AS SUBMITTED BY THE LANDLORD OR STARBUCKS SITE SURVEYOR, AND BECOME THOROUGHLY FAMILIAR WITH THE SITE CONDITIONS PRIOR TO BIDDING OR CONSTRUCTION.
- GENERAL CONTRACTOR SHALL CONSULT WITH STARBUCKS CONSTRUCTION MANAGER TO RESOLVE ANY CHANGES, OMISSIONS, OR PLAN DISCREPANCIES PRIOR TO BIDDING OR CONSTRUCTION.
- ALL WORK SHALL BE PERFORMED IN STRICT COMPLIANCE WITH LOCAL, COUNTY, STATE, AND FEDERAL CODES AND ORDINANCES.
- GENERAL CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES.
- GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS, INCLUDING CLEARANCES REQUIRED BY OTHER TRADES, AND NOTIFY STARBUCKS CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH THE WORK. ALL DIMENSIONS ARE TO THE FACE OF THE FINISHED SURFACE UNLESS NOTED OTHERWISE. ALL DIMENSIONS TO BE TAKEN FROM DESIGNATED DATUM POINT. DO NOT SCALE DRAWINGS.
- 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.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR OBTAINING PERMITS FOR FIRE PROTECTION, PLUMBING, MECHANICAL, AND ELECTRICAL SYSTEMS PRIOR TO INSTALLATION OF SUCH SYSTEMS.
- GENERAL CONTRACTOR SHALL RETAIN ONE SET OF THE PLANS TO NOTE AND DOCUMENT ALL CHANGES DURING CONSTRUCTION. THIS SET SHALL BE A PART OF THE GENERAL CONTRACTOR'S "STORE CLOSE-OUT PACKAGE" AS DESCRIBED IN THE CONSTRUCTION MANAGEMENT AGREEMENT.
- GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING DELIVERY OF MATERIALS FROM STARBUCKS CONTRACTED THIRD PARTY LOGISTICS DISTRIBUTION SERVICES AND VENDOR DIRECT SHIPMENTS. REFER TO CONSTRUCTION MANAGEMENT AGREEMENT FOR METHODS AND LEAD TIMES.
- RESPONSIBILITY FOR SUPPLY AND DELIVERY OF MATERIALS AND EQUIPMENT IS IDENTIFIED IN THE DRAWING SCHEDULE SHEETS UNDER THE COLUMN LABELED "RESPONSIBILITY".
- FOR THE PURPOSE OF THE DOCUMENTS, TO "INSTALL," SHALL MEAN TO PROVIDE ALL FASTENERS, MISCELLANEOUS HARDWARE, BLOCKING, ELECTRICAL CONNECTIONS, PLUMBING CONNECTIONS, AND OTHER ITEMS REQUIRED FOR A COMPLETE AND OPERATION INSTALLATION, UNLESS OTHERWISE NOTED.
- ALL ITEM SUBSTITUTIONS MUST BE APPROVED BY THE STARBUCKS DESIGN MANAGER.
- REFER TO ITEM CUTSHEETS FOR ADDITIONAL INFORMATION.

APPLICABLE BUILDING CODES

BUILDING CODE	2009 IBC & 2009 IEBC
FIRE CODE	NFPA 2007 FIRE SAFETY CODES & STANDARDS ADOPTED PURSUANT TO TITL 25, SECTIONS 2452 & 2465
PLUMBING CODE	MAINE STATE INTERNATIONAL PLUMBING CODE (UPC 2007)
ELECTRICAL CODE	2001 NEC
ENERGY CODE	2009 IEBC
GAS CODE	NFPA 54, 2009 (CODE OF MAINE RULES) PROPANE & NATURAL GAS EQUIP. STANDARDS ADOPTED PURSUANT TO TITL 32, SECTION 18123, SUBSECTION 2

CODE CLASSIFICATION

A. OCCUPANCY GROUP:	B - BUSINESS
B. CONSTRUCTION CLASSIFICATION TYPE:	EXISTING II-B
C. AUTOMATIC FIRE SUPPRESSION SYSTEM INSTALLED:	YES - EXISTING
D. ZONING:	B-3 DOWNTOWN BUSINESS HISTORIC DISTRICT

SITE AND OCCUPANCY

PROJECT DESCRIPTION: COMMERCIAL TENANT IMPROVEMENTS TO EXISTING BUILDING

BUILDING HEIGHT: 3 STORIES
BUILDING USE: COMMERCIAL
ZONING: B-3 DOWNTOWN BUSINESS HISTORIC DISTRICT
TYPE OF USE: COFFEE SHOP
TYPE OF OCCUPANCY: B - BUSINESS

OCCUPANCY LOAD:	RETAIL: 180 SF / 30 = 6	6
	SEATING: 564 SF / 15 = 38	38
	BEVERAGE/PREP: 321 SF / 200 = 2	2
	WORKROOM/STORAGE: 303 SF / 300 = 2	2
	TOTAL OCCUPANCY =	48

TOTAL SQUARE FOOTAGE: 1,925 SF
TOTAL INTERIOR SEATS: 48

EXTERIOR SEASONAL SEATING: 6

EXIT CAPACITY: EXIT 1: 72" WIDE
EXIT 2: 36" WIDE
EXIT 3: 26" WIDE
TOTAL EXIT WIDTH PROVIDED: 144in
0.2 X 47 = 10in REQUIRED

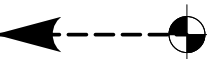


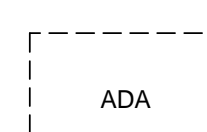
TRAVEL DISTANCE: 10 < 144 THEREFORE COMPLIES
ALLOWED TRAVEL DISTANCE: 150'-0"
ACTUAL TRAVEL DISTANCE: 76'-7"

NUMBER OF EXITS: MIN. NUMBER OF EXITS REQUIRED: 1
NUMBER OF EXITS PROVIDED: 1

ABBREVIATIONS

- 3PL THIRD PARTY LOGISTICS
- A/C AIR CONDITIONING
- ACT ACOUSTICAL CEILING TILE
- ADJ ADJUSTABLE
- AFF ABOVE FINISHED FLOOR
- AMP AMPERE
- ARCH ARCHITECT
- BOH BACK OF HOUSE
- CAB CABINET
- CL CENTER LINE
- CLG CEILING
- CM CONSTRUCTION MANAGER
- CTR CENTER
- CX COMMISSIONING
- CXA COMMISSIONING AGENT
- DEG DEGREE
- DET DETAIL
- DIA DIAMETER
- DIM DIMENSION
- DM DESIGN MANAGER
- DN DOWN
- EA EACH
- EL ELEVATION
- EQ EQUAL
- EXIST EXISTING
- EXT EXTERIOR
- FF&E "FURNITURE, FIXTURE, AND EQUIPMENT" FURNISHED AND INSTALLED BY OWNER
- FLR FLOOR
- FOH FRONT OF HOUSE
- FT FOOT/FEET
- G GROUND
- GC GENERAL CONTRACTOR
- HC HOLLOW CORE
- HDW HARDWARE
- HM HOLLOW METAL
- HORIZ HORIZONTAL
- HR HOUR
- HT HEIGHT
- HVAC "HEATING, VENTILATING, AND AIR CONDITIONING"
- ID INSIDE DIAMETER
- LL LANDLORD
- MAX MAXIMUM
- MEP "MECHANICAL, ELECTRICAL, AND PLUMBING"
- MFR MANUFACTURER
- MIN MINIMUM
- NIC NOT IN CONTRACT
- NL NIGHT LIGHT
- NTS NOT TO SCALE
- OC ON CENTER
- OD OUTSIDE DIAMETER
- OF/CI OWNER FURNISHED/CONTRACTOR INSTALLED
- OF/OI OWNER FURNISHED/OWNER INSTALLED
- PD PRODUCTION DESIGNER
- PLC PLACE
- PM PROJECT MANAGER
- R RADIUS
- RCM RENOVATIONS CONSTRUCTION MANAGER
- REF REFERENCE
- REQ(D) REQUIRE(D)
- REV REVISION
- RND ROUND
- SB STARBUCKS
- SC SOLID CORE
- SF SQUARE FEET
- SHT SHEET
- SIM SIMILAR
- SPEC SPECIFICATION
- SQ SQUARE
- TEMP TEMPORARY
- TYP TYPICAL
- UON UNLESS OTHERWISE NOTED
- VD VENDOR DIRECT
- VERT VERTICAL
- VIF VERIFY IN FIELD

LEGEND:

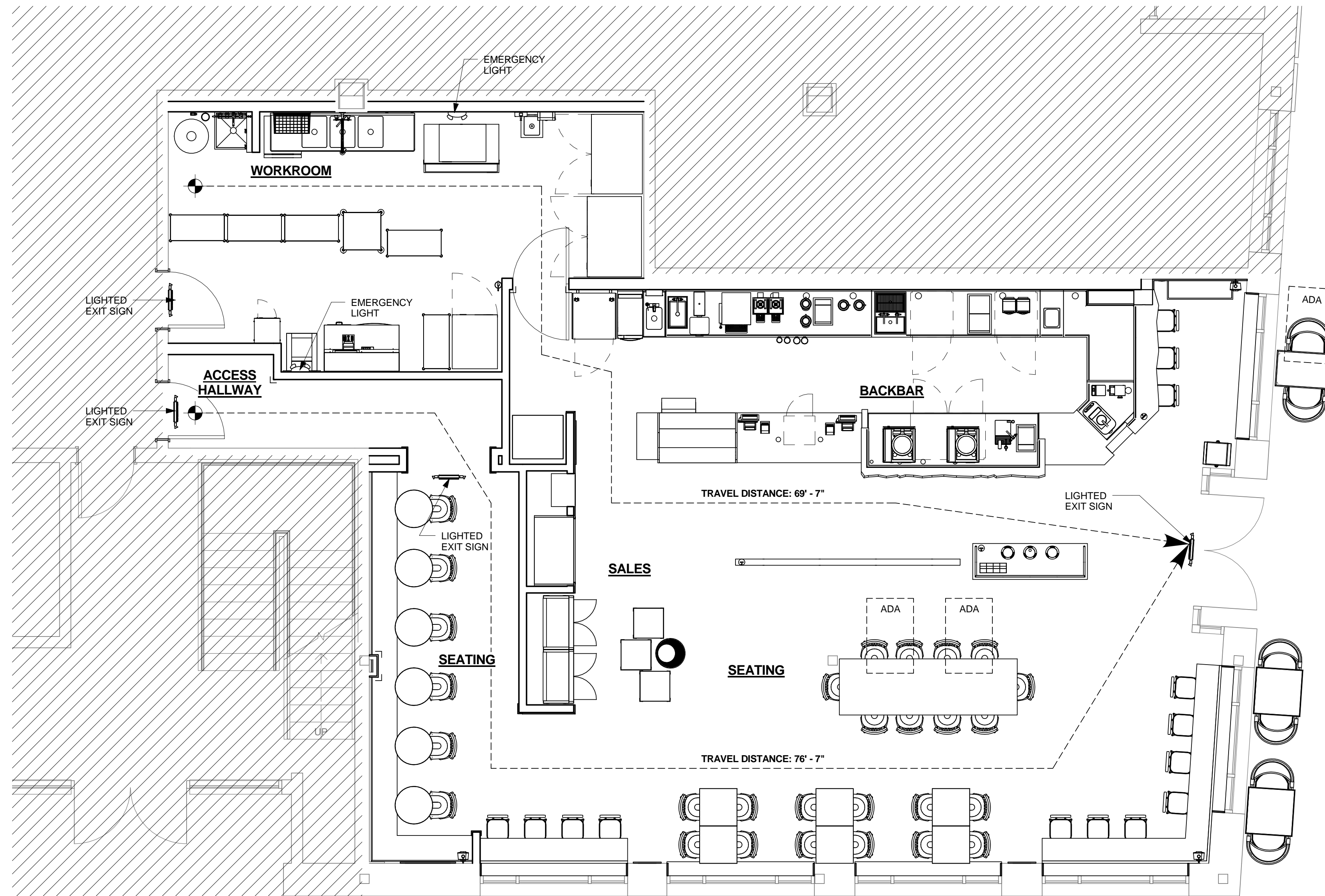
-  Travel Distance
-  Exit Light
(See Reflected Ceiling Plan)
-  Wall Mounted Emergency Light
(See Reflected Ceiling Plan)
-  Clear Floor Space for Accessibility

FLAME SPREAD RATING:

Flame spread rating for all proposed interior finishes shall comply with local building code.

INTERIOR FINISH NOTES:

1. Interior wall and ceiling finish materials shall be Class C with a flame spread rating less than 200 and smoke developed less than 450.
2. Floor Coverings in the exit path of all common areas shall meet Class A requirements.



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

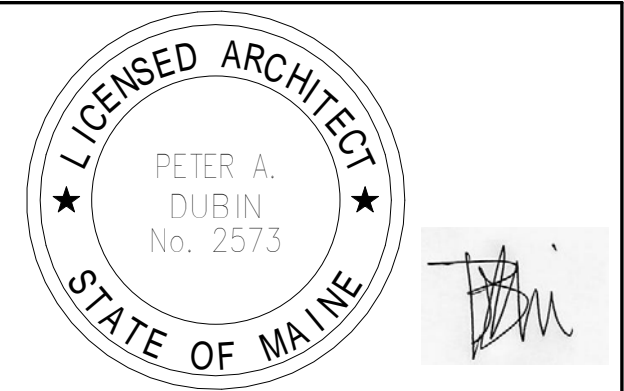


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PROJECT ADDRESS:
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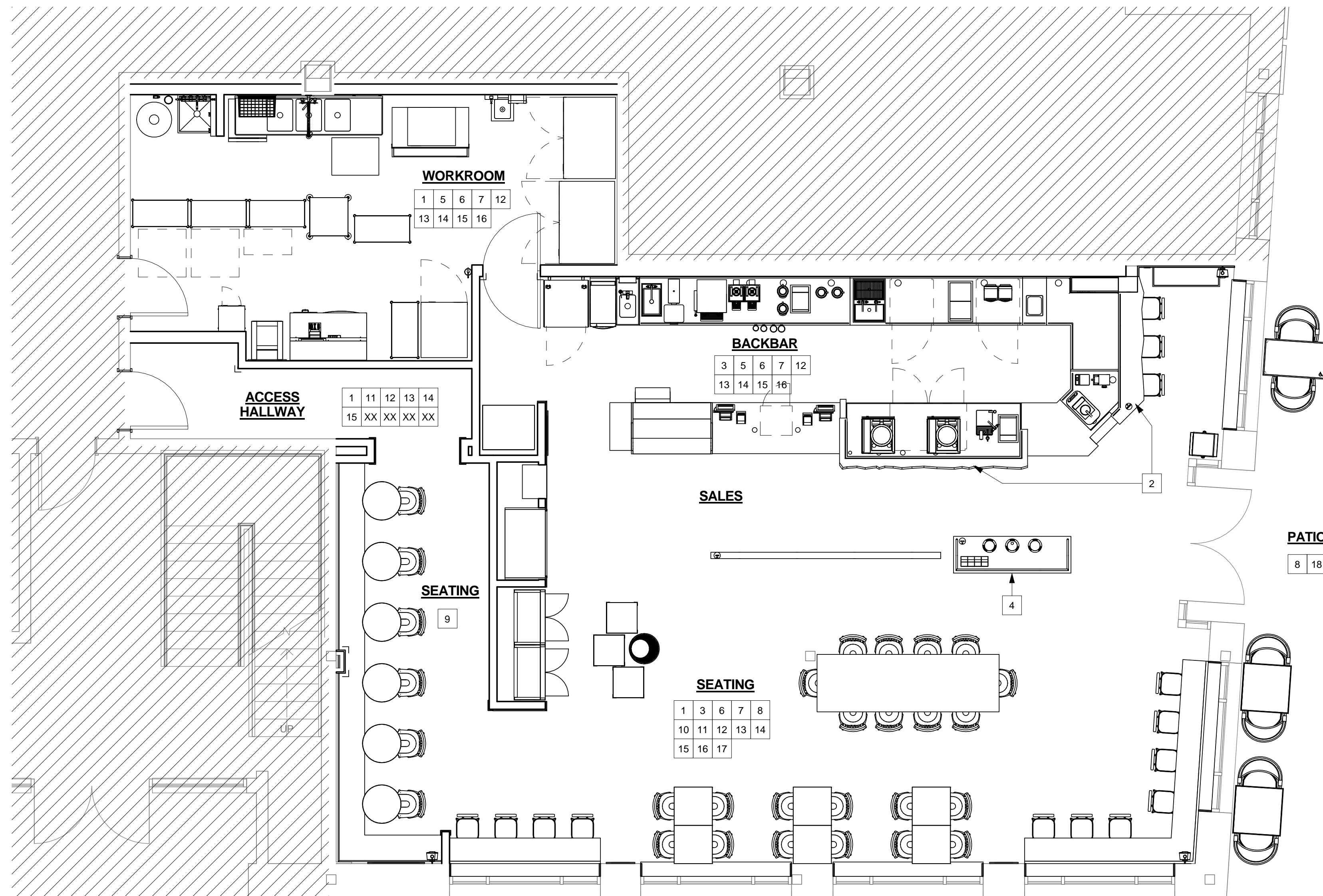
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CONCEPT: MCS
PALETTE: HERITAGE
ISSUE DATE: JAN. 11, 2013
DESIGN MANAGER: E. ZAKAMAREK
LEED® AP:
PRODUCTION DESIGNER: NORR ILLINOIS
CHECKED BY:

SHEET TITLE:
LIFE SAFETY PLAN

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

SHEET NUMBER:
G-002

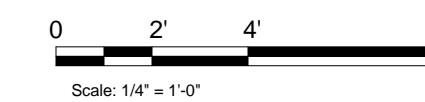
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1 SCOPE OF WORK PLAN
Scale: 1/4" = 1'-0"

SCOPE OF WORK SUMMARY

1. CONSTRUCT NEW INTERIOR PARTITION WALLS AS INDICATED ON FLOOR PLAN.
2. INSTALL NEW MCS BARISTA (WITH CLOVER) AS INDICATED ON CASEWORK PLAN.
3. INSTALL NEW CASEWORK ITEMS AS INDICATED ON CASEWORK PLAN.
4. INSTALL NEW CONDIMENT CART AS INDICATED ON CASEWORK PLAN.
5. INSTALL NEW PLUMBING ITEMS AS INDICATED ON FF&E PLAN.
6. INSTALL NEW EQUIPMENT AS INDICATED ON FF&E PLAN.
7. INSTALL NEW MISCELLANEOUS ITEMS AS INDICATED ON FF&E PLAN.
8. INSTALL NEW FURNITURE AS INDICATED ON FF&E PLAN.
9. INSTALL NEW BANQUETTE WITH POWER AS INDICATED ON CASEWORK AND PENETRATION PLANS.
10. INSTALL NEW GRAPHICS AS INDICATED ON INTERIOR ELEVATIONS.
11. INSTALL NEW CHAIR RAIL AND WAINSCOT AS INDICATED ON WALL FINISH AND CASEWORK PLANS.
12. INSTALL NEW WALL FINISHES THROUGHOUT AS INDICATED ON INTERIOR ELEVATIONS AND WALL FINISH PLAN.
13. INSTALL NEW FLOOR FINISHES AS INDICATED ON FLOOR FINISH PLAN.
14. INSTALL NEW LIGHT FIXTURES AS INDICATED ON REFLECTED CEILING AND DIMENSIONED LIGHTING PLANS.
15. INSTALL NEW CEILING FINISHES AS INDICATED ON REFLECTED CEILING AND UPPER CASEWORK PLANS.
16. PATCH, PRIME AND PAINT WALL, CEILINGS AND/OR SOFFITS AS INDICATED ON REFLECTED CEILING PLANS AND INTERIOR ELEVATIONS.
17. INSTALL NEW ELECTRICAL OUTLETS AS INDICATED ON PENETRATION PLAN.
18. INSTALL NEW SIGNAGE AS INDICATED ON REFLECTED CEILING PLAN AND EXTERIOR ELEVATIONS.



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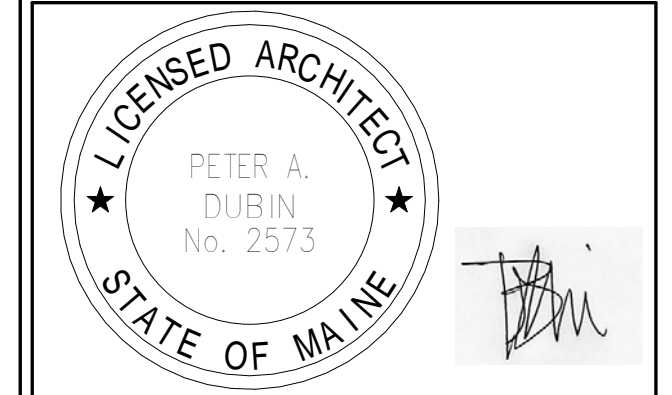
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SHEET TITLE:
SCOPE OF WORK PLAN

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

SHEET NUMBER:
G-003

GENERAL CONDITIONS

SECTION 014200 - REFERENCES
1.1 GENERAL
A. INDUSTRY STANDARDS
 1. APPLICABILITY OF STANDARDS: UNLESS THE CONTRACT DOCUMENTS INCLUDE MORE STRINGENT REQUIREMENTS, APPLICABLE CONSTRUCTION INDUSTRY STANDARDS HAVE THE SAME FORCE AND EFFECT AS IF BOUND OR COPIED DIRECTLY INTO THE CONTRACT DOCUMENTS TO THE EXTENT REFERENCED. SUCH STANDARDS ARE MADE A PART OF THE CONTRACT DOCUMENTS BY REFERENCE.
 2. PUBLICATION DATES: COMPLY WITH STANDARDS IN EFFECT AS OF DATE OF THE CONTRACT DOCUMENTS UNLESS OTHERWISE INDICATED.
 3. COPIES OF STANDARDS: EACH ENTITY ENGAGED IN CONSTRUCTION ON PROJECT SHOULD BE FAMILIAR WITH INDUSTRY STANDARDS APPLICABLE TO ITS CONSTRUCTION ACTIVITY. COPIES OF APPLICABLE STANDARDS ARE NOT BOUND WITH THE CONTRACT DOCUMENTS.
 4. WHERE COPIES OF STANDARDS ARE NEEDED TO PERFORM A REQUIRED CONSTRUCTION ACTIVITY, OBTAIN COPIES DIRECTLY FROM PUBLICATION SOURCE.
B. ABBREVIATIONS AND ACRONYMS
 1. INDUSTRY ORGANIZATIONS: WHERE ABBREVIATIONS AND ACRONYMS ARE USED IN SPECIFICATIONS OR OTHER CONTRACT DOCUMENTS, THEY SHALL MEAN THE RECOGNIZED NAME OF THE ENTITIES IN THE FOLLOWING LIST.
 ACI AMERICAN CONCRETE INSTITUTE
 AHA AMERICAN HARDBOARD ASSOCIATION
 AITC AMERICAN INSTITUTE OF TIMBER CONSTRUCTION
 ANSI AMERICAN NATIONAL STANDARDS INSTITUTE
 APA THE ENGINEERED WOOD ASSOCIATION
 ASHRAE AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS
 ASTM ASTM INTERNATIONAL
 (AMERICAN SOCIETY FOR TESTING AND MATERIALS INTERNATIONAL)
 AWI ARCHITECTURAL WOODWORK INSTITUTE
 AWWA AMERICAN WOOD PROTECTION ASSOCIATION
 (FORMERLY: AMERICAN WOOD PRESERVERS' ASSOCIATION)
 CRI CARPET AND RUG INSTITUTE (THE)
 CRRC COOL ROOF RATING COUNCIL
 CSA CANADIAN STANDARDS ASSOCIATION
 CSA INTERNATIONAL
 (FORMERLY: IAS - INTERNATIONAL APPROVAL SERVICES)
 CSI CONSTRUCTION SPECIFICATIONS INSTITUTE (THE)
 ETI INTERTEK ETL SEMCO
 (FORMERLY: ITS - INTERTEK TESTING SERVICE NA)
 FM GLOBAL FM GLOBAL
 (FORMERLY: FMG - FM GLOBAL)
 FOREST STEWARDSHIP COUNCIL
 HPVA HARDWOOD PLYWOOD & VENEER ASSOCIATION
 ISO INTERNATIONAL ORGANIZATION FOR STANDARDIZATION
 ITS INTERTEK TESTING SERVICE NA
 (NOW ETL SEMCO)
 MAPLE FLOORING MANUFACTURERS ASSOCIATION, INC.
 MPI MASTER PAINTERS INSTITUTE
 NFPA NATIONAL FIRE PROTECTION ASSOCIATION
 NOFMA THE WOOD FLOORING MANUFACTURERS ASSOCIATION
 (FORMERLY: NATIONAL OAK FLOORING MANUFACTURERS ASSOCIATION)
 OPL INTERTAK
 SDI STEEL DOOR INSTITUTE
 SMACNA SHEET METAL AND AIR CONDITIONING CONTRACTORS' NATIONAL ASSOCIATION
 UNDERWRITERS LABORATORIES INC.
 USGBC U.S. GREEN BUILDING COUNCIL
 WCLIB WEST COAST LUMBER INSPECTION BUREAU
 WOODWORK INSTITUTE (FORMERLY: WIC - WOODWORK INSTITUTE OF CALIFORNIA)
B. CODE AGENCIES: WHERE ABBREVIATIONS AND ACRONYMS ARE USED IN SPECIFICATIONS OR OTHER CONTRACT DOCUMENTS, THEY SHALL MEAN THE RECOGNIZED NAME OF THE ENTITIES IN THE FOLLOWING LIST.
 DIN DEUTSCHES INSTITUT FÜR NORMUNG E.V.
 ICC INTERNATIONAL CODE COUNCIL
 ICC-ES ICC EVALUATION SERVICE, INC.
 FEDERAL GOVERNMENT AGENCIES: WHERE ABBREVIATIONS AND ACRONYMS ARE USED IN SPECIFICATIONS OR OTHER CONTRACT DOCUMENTS, THEY SHALL MEAN THE RECOGNIZED NAME OF THE ENTITIES IN THE FOLLOWING LIST.
 EPA ENVIRONMENTAL PROTECTION AGENCY
D. STANDARDS AND REGULATIONS: WHERE ABBREVIATIONS AND ACRONYMS ARE USED IN SPECIFICATIONS OR OTHER CONTRACT DOCUMENTS, THEY SHALL MEAN THE RECOGNIZED NAME OF THE STANDARDS AND REGULATIONS IN THE FOLLOWING LIST.
 ADAAG AMERICANS WITH DISABILITIES ACT (ADA)
 ARCHITECTURAL BARRIERS ACT (ABA)
 ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES AVAILABLE FROM U.S. ACCESS BOARD
 CFR CODE OF FEDERAL REGULATIONS
 AVAILABLE FROM GOVERNMENT PRINTING OFFICE
E. STATE GOVERNMENT AGENCIES: WHERE ABBREVIATIONS AND ACRONYMS ARE USED IN SPECIFICATIONS OR OTHER CONTRACT DOCUMENTS, THEY SHALL MEAN THE RECOGNIZED NAME OF THE ENTITIES IN THE FOLLOWING LIST.
 CDHS CALIFORNIA DEPARTMENT OF HEALTH SERVICES
 CDPH CALIFORNIA DEPARTMENT OF PUBLIC HEALTH, INDOOR AIR QUALITY SECTION
END OF SECTION 014200

GENERAL CONDITIONS (CONTINUED)

SECTION 017419 - CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL
1.1 SUMMARY
 A. SALVAGING NONHAZARDOUS DEMOLITION AND CONSTRUCTION WASTE.
 B. RECYCLING NONHAZARDOUS DEMOLITION AND CONSTRUCTION WASTE.
 C. DISPOSING OF NONHAZARDOUS DEMOLITION AND CONSTRUCTION WASTE.
1.2 DEFINITIONS
 A. CONSTRUCTION WASTE: BUILDING AND SITE IMPROVEMENT MATERIALS AND OTHER SOLID WASTE RESULTING FROM CONSTRUCTION, REMODELING, RENOVATION, OR REPAIR OPERATIONS. CONSTRUCTION WASTE INCLUDES PACKAGING.
 B. DEMOLITION WASTE: BUILDING AND SITE IMPROVEMENT MATERIALS RESULTING FROM DEMOLITION OR SELECTIVE DEMOLITION OPERATIONS.
 C. DISPOSAL: REMOVAL OFF-SITE OF DEMOLITION AND CONSTRUCTION WASTE AND SUBSEQUENT SALE, RECYCLING, REUSE, OR DEPOSIT IN LANDFILL OR INCINERATOR ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.
 D. RECYCLE: RECOVERY OF DEMOLITION OR CONSTRUCTION WASTE FOR SUBSEQUENT PROCESSING IN PREPARATION FOR REUSE.
 E. SALVAGE: RECOVERY OF DEMOLITION OR CONSTRUCTION WASTE AND SUBSEQUENT SALE OR REUSE IN ANOTHER FACILITY.
 F. SALVAGE AND REUSE: RECOVERY OF DEMOLITION OR CONSTRUCTION WASTE AND SUBSEQUENT INCORPORATION INTO THE WORK.
1.3 PERFORMANCE REQUIREMENTS
 A. END-OF-PROJECT RATES FOR SALVAGE/RECYCLING: 75 PERCENT.
1.4 ACTION SUBMITTALS
 A. WASTE MANAGEMENT PLAN: SUBMIT PLAN WITHIN 7 DAYS OF DATE ESTABLISHED FOR COMMENCEMENT OF THE WORK.
 1. TYPES AND QUANTITIES OF DEMOLITION AND CONSTRUCTION WASTE.
 2. TYPE OF WASTE AND WHETHER IT WILL BE SALVAGED, RECYCLED, OR DISPOSED OF IN LANDFILL OR INCINERATOR.
 3. NET ADDITIONAL COST OR NET SAVINGS RESULTING FROM WASTE MANAGEMENT PLAN.
1.5 INFORMATION SUBMITTALS
 A. WASTE REDUCTION PROGRESS REPORTS: CONCURRENT WITH EACH APPLICATION FOR PAYMENT. SUBMIT REPORT INDICATING TYPE OF WASTE AND WHETHER IT HAS BEEN SALVAGED, RECYCLED, OR DISPOSED OF IN LANDFILL OR INCINERATOR.
 B. WASTE DISPOSAL RECORDS: INDICATE RECEIPT AND ACCEPTANCE OF WASTE MATERIAL BY ACCEPTING AND PROCESSING FACILITIES LICENSED TO ACCEPT THEM. INCLUDE MANIFESTS, TYPE OF MATERIAL, WEIGHT OR VOLUME TICKETS, RECEIPTS, AND INVOICES.
 C. LEED SUBMITTAL: CWM REPORTING TEMPLATE, TABULATING TOTAL WASTE MATERIAL, QUANTITIES DIVERTED AND MEANS BY WHICH IT IS DIVERTED, AND STATEMENT THAT REQUIREMENTS FOR THE CREDIT HAVE BEEN MET.
1.6 RECYCLING WASTE
 A. RECYCLING INCENTIVES: REVENUES AND OTHER INCENTIVES FOR RECYCLING WILL ACCRUE TO OWNER.
END OF SECTION 017419

GENERAL CONDITIONS (CONTINUED)

SECTION 018100 - SUSTAINABLE DESIGN REQUIREMENTS
1.1 SUMMARY
 A. THIS SECTION INCLUDES GENERAL REQUIREMENTS AND PROCEDURES FOR COMPLIANCE WITH CERTAIN U.S. GREEN BUILDING COUNCIL'S (USGBC) LEED PREREQUISITES AND CREDITS NEEDED FOR THE PROJECT TO OBTAIN LEED CERTIFICATION BASED ON LEED 2009 FOR RETAIL: COMMERCIAL INTERIORS.
 1. OTHER LEED PREREQUISITES AND CREDITS NEEDED TO OBTAIN LEED CERTIFICATION ARE DEPENDENT ON MATERIAL SELECTIONS AND MAY NOT BE SPECIFICALLY IDENTIFIED AS LEED REQUIREMENTS. COMPLIANCE WITH REQUIREMENTS NEEDED TO OBTAIN LEED PREREQUISITES AND CREDITS MAY BE USED AS ONE CRITERION TO EVALUATE SUBSTITUTION REQUESTS.
 2. ADDITIONAL LEED PREREQUISITES AND CREDITS NEEDED TO OBTAIN LEED CERTIFICATION ARE DEPENDENT ON THE ARCHITECT'S DESIGN AND OTHER ASPECTS OF THE PROJECT THAT ARE NOT PART OF THE WORK OF THE CONTRACT.
1.2 DEFINITIONS
 A. BASE BUILDING MATERIAL: MATERIALS PERMANENTLY ATTACHED TO THE STRUCTURE. INCLUDES FINISHES AND PERMANENT CABINETS AND CASEWORK.
 B. CHAIN-OF-CUSTODY CERTIFICATES: CERTIFICATES SIGNED BY MANUFACTURERS CERTIFYING THAT WOOD USED TO MAKE PRODUCTS WAS OBTAINED FROM FORESTS CERTIFIED BY AN FSC-ACCREDITED CERTIFICATION BODY TO COMPLY WITH FSC STD-01-001, "FSC PRINCIPLES AND CRITERIA FOR FOREST STEWARDSHIP." CERTIFICATES SHALL INCLUDE EVIDENCE THAT MANUFACTURER IS CERTIFIED FOR CHAIN OF CUSTODY BY AN FSC-ACCREDITED CERTIFICATION BODY.
 C. REGIONALLY MANUFACTURED MATERIALS: MATERIALS THAT ARE MANUFACTURED WITHIN A RADIUS OF 500 MILES (800 KM) FROM PROJECT SITE. MANUFACTURING REFERS TO THE FINAL ASSEMBLY OF COMPONENTS INTO THE BUILDING PRODUCT THAT IS INSTALLED AT PROJECT SITE.
 D. REGIONALLY EXTRACTED AND MANUFACTURED MATERIALS: REGIONALLY MANUFACTURED MATERIALS MADE FROM RAW MATERIALS THAT ARE EXTRACTED, HARVESTED, OR RECOVERED WITHIN A RADIUS OF 500 MILES (800 KM) FROM PROJECT SITE.
 E. RECYCLED CONTENT: MATERIAL THAT HAS BEEN BROKEN DOWN AND RECONSTITUTED INTO NEW MATERIAL. THE RECYCLED CONTENT VALUE OF A MATERIAL ASSEMBLY SHALL BE DETERMINED BY WEIGHT. THE RECYCLED FRACTION OF THE ASSEMBLY IS THEN MULTIPLIED BY THE COST OF ASSEMBLY TO DETERMINE THE RECYCLED CONTENT VALUE.
 1. "POST-CONSUMER" MATERIAL IS DEFINED AS WASTE MATERIAL GENERATED BY HOUSEHOLDS OR BY COMMERCIAL, INDUSTRIAL, AND INSTITUTIONAL FACILITIES IN THEIR ROLE AS END USERS OF THE PRODUCT, WHICH CAN NO LONGER BE USED FOR ITS INTENDED PURPOSE.
 2. "PRE-CONSUMER" MATERIAL IS DEFINED AS MATERIAL DIVERTED FROM THE WASTE STREAM DURING THE MANUFACTURING PROCESS. REUTILIZATION IS REUTILIZATION OF MATERIALS SUCH AS REWORK, REGROUND, OR SCRAP GENERATED IN A PROCESS AND CAPABLE OF BEING RECLAIMED WITHIN THE SAME PROCESS THAT GENERATED IT.
 F. RESOURCE REUSE: MATERIAL THAT HAS BEEN KEPT INTACT AND REPURPOSED TO A NEW USE ON THE SAME PROJECT SITE OR FOR THE ORIGINAL OR NEW USE ON A DIFFERENT PROJECT SITE. FURNITURE MAY BE REPURPOSED FOR THE ORIGINAL USE ON THE SAME PROJECT SITE.
1.3 SUBMITTALS
 A. GENERAL: SUBMIT ADDITIONAL LEED SUBMITTALS REQUIRED BY OTHER SPECIFICATION SECTIONS.
 B. LEED DOCUMENTATION SUBMITTALS:
 1. CREDIT MR 2: COMPLY WITH SECTION 017419 "CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL."
 2. CREDIT MR 3: RECEIPTS FOR SALVAGED AND REFINISHED MATERIALS USED FOR PROJECT, INDICATING SOURCES AND COSTS FOR SALVAGED AND REFINISHED MATERIALS.
 3. CREDIT MR 4: PRODUCT DATA AND CERTIFICATION LETTER FROM PRODUCT MANUFACTURERS INDICATING PERCENTAGES BY WEIGHT OF POST-CONSUMER AND PRE-CONSUMER RECYCLED CONTENT FOR PRODUCTS HAVING RECYCLED CONTENT. INCLUDE STATEMENT INDICATING MATERIAL COSTS FOR EACH PRODUCT HAVING RECYCLED CONTENT.
 4. CREDIT MR 5: PRODUCT DATA INDICATING LOCATION OF MATERIAL MANUFACTURER FOR REGIONALLY MANUFACTURED MATERIALS. INCLUDE STATEMENT INDICATING COST FOR EACH REGIONALLY MANUFACTURED MATERIAL AND FOR EACH REGIONALLY EXTRACTED AND MANUFACTURED MATERIAL.
 a. INCLUDE STATEMENT INDICATING DISTANCE FROM MANUFACTURER TO PROJECT FOR EACH REGIONALLY MANUFACTURED MATERIAL.
 b. INCLUDE STATEMENT INDICATING LOCATION OF AND DISTANCE FROM PROJECT TO POINT OF EXTRACTION, HARVEST, OR RECOVERY FOR EACH RAW MATERIAL USED IN REGIONALLY EXTRACTED AND MANUFACTURED MATERIALS.
 5. CREDIT MR 7: PRODUCT DATA AND CHAIN-OF-CUSTODY CERTIFICATES FOR PRODUCTS CONTAINING CERTIFIED WOOD. INCLUDE STATEMENT INDICATING COST FOR EACH CERTIFIED WOOD PRODUCT.
 6. CREDIT IEQ 3.1:
 a. CONSTRUCTION INDOOR-AIR-QUALITY MANAGEMENT PLAN.
 b. PRODUCT DATA FOR TEMPORARY FILTRATION MEDIA.
 c. PRODUCT DATA FOR FILTRATION MEDIA USED DURING OCCUPANCY.
 d. CONSTRUCTION DOCUMENTATION: SIX PHOTOGRAPHS AT THREE DIFFERENT TIMES DURING THE CONSTRUCTION PERIOD, ALONG WITH A BRIEF DESCRIPTION OF THE SMACNA APPROACH EMPLOYED, DOCUMENTING IMPLEMENTATION OF THE INDOOR-AIR-QUALITY MANAGEMENT MEASURES, SUCH AS PROTECTION OF DUCTS AND ON-SITE STORED OR INSTALLED ABSORPTIVE MATERIALS.
 7. CREDIT IEQ 3.2:
 a. SIGNED STATEMENT DESCRIBING THE BUILDING AIR FLUSH-OUT PROCEDURES INCLUDING THE DATES WHEN FLUSH-OUT WAS BEGUN AND COMPLETED AND STATEMENT THAT FILTRATION MEDIA WAS REPLACED AFTER FLUSH-OUT.
 b. PRODUCT DATA FOR FILTRATION MEDIA USED DURING FLUSH-OUT AND DURING OCCUPANCY.
 8. CREDIT IEQ 4A: PRODUCT DATA FOR ADHESIVES AND SEALANTS USED INSIDE THE WEATHERPROOFING SYSTEM INDICATING VOC CONTENT OF EACH PRODUCT USED.
 9. CREDIT IEQ 4B: PRODUCT DATA FOR PAINTS AND COATINGS USED INSIDE THE WEATHERPROOFING SYSTEM INDICATING VOC CONTENT OF EACH PRODUCT USED.
 10. CREDIT IEQ 4D: PRODUCT DATA FOR PRODUCTS CONTAINING COMPOSITE WOOD OR AGRIFIBER PRODUCTS OR WOOD GLUES INDICATING THAT THEY DO NOT CONTAIN UREA-FORMALDEHYDE RESIN.
1.4 INFORMATIONAL SUBMITTALS
 A. LEED ACTION PLANS: PROVIDE PRELIMINARY SUBMITTALS WITHIN SEVEN DAYS OF DATE ESTABLISHED FOR COMMENCEMENT OF THE WORK INDICATING HOW THE FOLLOWING REQUIREMENTS WILL BE MET.
 1. CREDIT MR 2: WASTE MANAGEMENT PLAN COMPLYING WITH SECTION 017419 "CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL."
 2. CREDIT IEQ 3.1: CONSTRUCTION INDOOR-AIR-QUALITY MANAGEMENT PLAN.
 B. LEED PROGRESS REPORTS: CONCURRENT WITH EACH APPLICATION FOR PAYMENT. SUBMIT REPORTS COMPARING ACTUAL CONSTRUCTION AND PURCHASING ACTIVITIES WITH LEED ACTION PLANS FOR THE FOLLOWING:
 1. CREDIT MR 2: WASTE REDUCTION PROGRESS REPORTS COMPLYING WITH SECTION 017419 "CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL."
END OF SECTION 018100

GENERAL CONDITIONS (CONTINUED)

SECTION 019113 - GENERAL COMMISSIONING REQUIREMENTS
1.1 SUMMARY
 A. COMMISSIONING TEAM:
 1. MEMBERS REPRESENTING CONTRACTOR, INCLUDING PROJECT SUPERINTENDENT AND SUBCONTRACTORS, INSTALLERS, SUPPLIERS, AND SPECIALISTS.
 2. MEMBERS REPRESENTING OWNER, INCLUDING COMMISSIONING AGENT (CXA), FACILITY USER AND OPERATION AND MAINTENANCE PERSONNEL, AND ARCHITECT AND ENGINEERING DESIGN PROFESSIONALS.
 B. CONTRACTOR'S RESPONSIBILITIES: CONTRACTOR SHALL ASSIGN REPRESENTATIVES WITH EXPERTISE AND AUTHORITY TO ACT ON ITS BEHALF AND SHALL SCHEDULE THEM TO PARTICIPATE IN AND PERFORM COMMISSIONING PROCESS ACTIVITIES INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:
 1. INTEGRATE AND COORDINATE COMMISSIONING PROCESS ACTIVITIES WITH CONSTRUCTION SCHEDULE.
 2. REVIEW AND ACCEPT COMMISSIONING CHECKLISTS AND PROCESS TEST PROCEDURES PROVIDED BY THE COMMISSIONING AGENT (CXA).
 3. SUPPORT COMMISSIONING INSTALLATION REVIEW AND PROCESS TEST PROCEDURES.
 4. EVALUATE INSTALLATION AND PERFORMANCE DEFICIENCIES IDENTIFIED IN REPORTS AND, IN COLLABORATION WITH ENTITY RESPONSIBLE FOR THE SYSTEM AND EQUIPMENT INSTALLATION, RECOMMEND CORRECTIVE ACTION.
 5. COOPERATE WITH THE COMMISSIONING TEAM FOR RESOLUTION OF ISSUES RECORDED IN THE ISSUES LOG.
 C. COMMISSIONING AGENT'S (CXA'S) RESPONSIBILITIES:
 1. ORGANIZE AND LEAD COMMISSIONING TEAM.
 2. PROVIDE AND MANAGE COMMISSIONING PLAN.
 3. PROVIDE PROJECT-SPECIFIC CHECKLISTS AND TEST PROCEDURES.
 4. TESTS: PREPARE AND MAINTAIN COMPLETED INSTALLATION VERIFICATION CHECKLISTS.
 5. WITNESS SYSTEMS, ASSEMBLIES, EQUIPMENT, AND COMPONENT STARTUP.
 6. WITNESS, PREPARE, AND MAINTAIN COMPLETED FUNCTIONAL TESTING CHECKLISTS.
 7. PREPARE AND MAINTAIN THE ISSUES LOG.
 8. COMPLETE COMMISSIONING DOCUMENTS, RESULTS, AND DEFICIENCIES; INCLUDE THEM IN THE SYSTEMS MANUAL AND COMMISSIONING SUMMARY REPORT.
 9. REVIEW COMMISSIONING REPORT WITH COMMISSIONING TEAM AND IMPLEMENT PLAN TO RESOLVE DEFICIENCIES.
END OF SECTION 019113

EXISTING CONDITIONS

SECTION 024119 - SELECTIVE DEMOLITION
1.1 SUMMARY
 A. DEMOLITION AND REMOVAL OF SELECTED SITE ELEMENTS.
 B. HISTORIC ITEMS REMOVED AND SALVAGED FOR OWNER.
1.2 SUBMITTALS
 A. SCHEDULE OF SELECTIVE DEMOLITION ACTIVITIES: INDICATE THE FOLLOWING:
 1. DETAILED SEQUENCE OF SELECTIVE DEMOLITION AND REMOVAL WORK, WITH STARTING AND ENDING DATES FOR EACH ACTIVITY. ENSURE OWNER'S BUILDING MANAGER'S AND OTHER TENANTS' ON-SITE OPERATIONS ARE UNINTERRUPTED.
 2. INTERRUPTION OF UTILITY SERVICES. INDICATE HOW LONG UTILITY SERVICES WILL BE INTERRUPTED.
 3. COORDINATION FOR SHUTOFF, CAPPING, AND CONTINUATION OF UTILITY SERVICES.
 4. USE OF ELEVATOR AND STAIRS.
 5. COORDINATION OF OWNER'S CONTINUING OCCUPANCY OF PORTIONS OF EXISTING BUILDING AND OF OWNER'S PARTIAL OCCUPANCY OF COMPLETED WORK.
1.3 PROJECT CONDITIONS
 A. OWNER WILL OCCUPY PORTIONS OF BUILDING IMMEDIATELY ADJACENT TO SELECTIVE DEMOLITION AREA.
 B. HAZARDOUS MATERIALS: UNKNOWN WHETHER HAZARDOUS MATERIALS WILL BE ENCOUNTERED. IF ENCOUNTERED, OWNER WILL REMOVE HAZARDOUS MATERIALS UNDER A SEPARATE CONTRACT.
1.4 WARRANTY
 A. EXISTING WARRANTIES: **TO BE CONFIRMED BY STARBUCKS CONSTRUCTION MANAGER.**
1.5 EXECUTION
 A. UTILITY SERVICES AND MECHANICAL/ELECTRICAL SYSTEMS: MAINTAINED TO OCCUPIED FACILITIES.
 B. SITE ACCESS AND TEMPORARY CONTROLS: MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, WALKWAYS, AND OTHER ADJACENT OCCUPIED AND USED FACILITIES.
 C. TEMPORARY FACILITIES: PROVIDE TEMPORARY BARRICADES AND OTHER PROTECTION REQUIRED TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND FACILITIES TO REMAIN.
 D. TEMPORARY SHORING: PROVIDE AND MAINTAIN SHORING, BRACING, AND STRUCTURAL SUPPORTS AS REQUIRED TO PRESERVE STABILITY AND PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF CONSTRUCTION AND FINISHES TO REMAIN, AND TO PREVENT UNEXPECTED OR UNCONTROLLED MOVEMENT OR COLLAPSE OF CONSTRUCTION BEING DEMOLISHED.
 E. REMOVED AND SALVAGED ITEMS: CLEANED, CRATED, STORED, AND TRANSPORTED TO OWNER'S ON-OFF-SITE STORAGE AREA.
 F. REMOVED AND REINSTALLED ITEMS: CLEANED, REPAIRED, CRATED, STORED, AND REINSTALLED.
 G. EXISTING ITEMS TO REMAIN: EXISTING CONSTRUCTION PROTECTED AGAINST DAMAGE.
 H. DISPOSAL OF DEMOLISHED ITEMS:
 1. BURNING: NOT PERMITTED.
 2. DISPOSAL: COMPLY WITH REQUIREMENTS SECTION 017419 "CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL".
END OF SECTION 024119



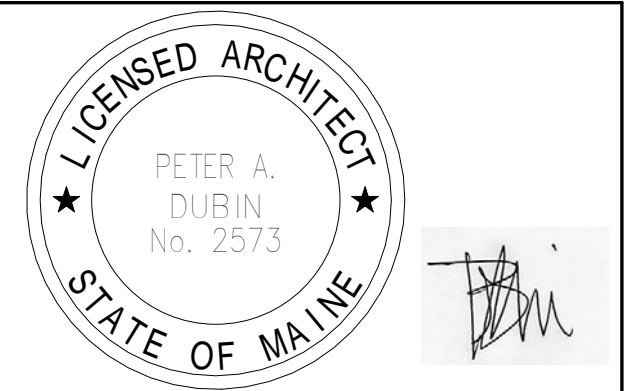
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Revision Schedule			
Rev	Date	By	Description

PROJECT NAME:
COMMERCIAL STREET
 PROJECT ADDRESS:
 145 COMMERCIAL STREET
 PORTLAND, ME 04101
 CUMBERLAND COUNTY

STORE #: 19384
 PROJECT #: 58862-001
 CONCEPT: MCS
 PALETTE: HERITAGE
 ISSUE DATE: JAN. 11, 2013
 DESIGN MANAGER: E. ZAKAMAREK
 LEED® AP:
 PRODUCTION DESIGNER: NORR ILLINOIS
 CHECKED BY:

SHEET TITLE:
DESIGN SPECIFICATIONS
 SCALE: 1/4" = 1'-0"

SHEET NUMBER:
G-010

METALS

- SECTION 055000 - METAL FABRICATIONS
1.1 SUMMARY
A. STEEL FRAMING AND SUPPORTS FOR MECHANICAL AND ELECTRICAL EQUIPMENT.
B. STEEL FRAMING AND SUPPORTS FOR APPLICATIONS WHERE FRAMING AND SUPPORTS ARE NOT SPECIFIED IN OTHER SECTIONS.
C. SHELF ANGLES.
D. METAL BOLLARDS.
1.2 SUBMITTALS
A. PRODUCT DATA: FOR THE FOLLOWING:
1. PAINT PRODUCTS.
2. GROUT.
3. ALL PREFABRICATED PRODUCTS.
B. SHOP DRAWINGS: SHOW FABRICATION AND INSTALLATION DETAILS FOR METAL FABRICATIONS.
1. INCLUDE PLANS, ELEVATIONS, SECTIONS, AND DETAILS OF METAL FABRICATIONS AND THEIR CONNECTIONS. SHOW ANCHORAGE AND ACCESSORY ITEMS.
2. PROVIDE TEMPLATES FOR ANCHORS AND BOLTS SPECIFIED FOR INSTALLATION UNDER OTHER SECTIONS.
C. WELDING CERTIFICATES.
1.3 PRODUCTS
A. MATERIALS: STEEL PLATES, SHAPES, AND BARS, STEEL PIPE, SLOTTED CHANNEL FRAMING.
1. LOW-EMITTING PRIMER: METAL PRIMER SHALL HAVE A VOC CONTENT OF 200 G/L OR LESS WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24).
B. MISCELLANEOUS FRAMING AND SUPPORTS:
1. STEEL FRAMING AND SUPPORTS FOR MECHANICAL AND ELECTRICAL EQUIPMENT, APPLICATIONS WHERE FRAMING AND SUPPORTS ARE NOT SPECIFIED IN OTHER SECTIONS.
2. GALVANIZE WHERE INDICATED.
3. PRIME WITH ZINC-RICH PRIMER WHERE INDICATED.
a. ZINC-RICH PRIMER SHALL HAVE A VOC CONTENT OF 340 G/L OR LESS WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24).
C. LOOSE STEEL LINTELS: GALVANIZED AT EXTERIOR WALLS.
D. SHELF ANGLES, GALVANIZED.
E. STEEL WELD PLATES AND ANGLES NOT SPECIFIED IN OTHER SECTIONS, FOR CASTING INTO CONCRETE.
F. METAL BOLLARDS: SCHEDULE 40 STEEL PIPE.
END OF SECTION 055000

WOOD AND PLASTICS

- SECTION 061053 - MISCELLANEOUS ROUGH CARPENTRY
1.1 MATERIALS
A. WOOD PRODUCTS, GENERAL:
1. MAXIMUM MOISTURE CONTENT OF LUMBER: 15 PERCENT.
B. WOOD-PRESERVATIVE-TREATED MATERIALS:
1. PRESERVATIVE TREATMENT: AWPA U1; USE CATEGORY UC2.
a. PRESERVATIVE CHEMICALS: CONTAINING NO ARSENIC OR CHROMIUM. DO NOT USE INORGANIC BORON (SBX) FOR SILL PLATES.
2. APPLICATION: ITEMS INDICATED AND THE FOLLOWING:
a. ITEMS IN CONTACT WITH ROOFING OR WATERPROOFING.
b. ITEMS IN CONTACT WITH CONCRETE OR MASONRY.
c. FRAMING LESS THAN 18 INCHES (460 MM) ABOVE GROUND IN CRAWLSPACES.
d. FLOOR PLATES INSTALLED OVER CONCRETE SLABS-ON-GRADE.
C. FIRE-RETARDANT-TREATED MATERIALS:
1. EXTERIOR TYPE FOR EXTERIOR LOCATIONS AND WHERE INDICATED.
2. INTERIOR TYPE A UNLESS OTHERWISE INDICATED.
3. APPLICATION: ITEMS INDICATED AND THE FOLLOWING:
a. FRAMING FOR RAISED PLATFORMS.
b. CONCEALED BLOCKING.
c. ROOF FRAMING AND BLOCKING.
d. ITEMS IN CONTACT WITH ROOFING.
e. PLYWOOD BACKING PANELS.
D. FRAMING:
1. NON-LOAD-BEARING INTERIOR PARTITIONS: CONSTRUCTION OR NO. 2 GRADE.
E. MISCELLANEOUS LUMBER:
1. DIMENSION LUMBER: CONSTRUCTION OR NO. 2 GRADE.
2. UTILITY SHELVING: 19 PERCENT MAXIMUM MOISTURE CONTENT.
3. CONCEALED BOARDS: 19 PERCENT MAXIMUM MOISTURE CONTENT.
F. PLYWOOD BACKING PANELS: EXPOSURE 1, C-D PLUGGED, FIRE-RETARDANT TREATED.
G. FASTENERS: HOT-DIP GALVANIZED STEEL WHERE EXPOSED TO WEATHER, IN GROUND CONTACT, IN CONTACT WITH TREATED WOOD, OR IN AREA OF HIGH RELATIVE HUMIDITY.
H. METAL FRAMING ANCHORS:
1. METAL: GALVANIZED STEEL; HOT-DIP HEAVY GALVANIZED STEEL FOR WOOD-PRESERVATIVE-TREATED LUMBER AND WHERE INDICATED.
I. ADHESIVES: ADHESIVES SHALL HAVE A VOC CONTENT OF 70 G/L OR LESS WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24).
1.2 INSTALLATION
A. FURRING TO RECEIVE PLYWOOD OR HARDBOARD PANELING: 1-BY-3-INCH NOMINAL SIZE (19-BY-83-MM ACTUAL SIZE) FURRING AT 24 INCHES O.C.
B. FURRING TO RECEIVE GYPSUM BOARD: 1-BY-2-INCH NOMINAL SIZE (19-BY-38-MM ACTUAL SIZE) FURRING AT 16 INCHES O.C.
END OF SECTION 061053

WOOD AND PLASTICS (CONTINUED)

- SECTION 064000 - INTERIOR ARCHITECTURAL WOODWORK
1.1 SUMMARY
A. INTERIOR STANDING AND RUNNING TRIM.
B. FLUSH WOOD PANELING AND WAINSCOTS.
C. MELAMINE CABINETS.
D. SOLID-SURFACING-MATERIAL COUNTERTOPS.
E. CLOSET AND UTILITY SHELVING.
1.2 QUALITY ASSURANCE
A. QUALITY STANDARD: AWI.
1.3 MATERIALS
A. WOOD PRODUCTS: COMPLY WITH THE FOLLOWING:
1. HARDBOARD: AHA A135.4, MADE WITH BINDER CONTAINING NO UREA FORMALDEHYDE.
2. MEDIUM-DENSITY FIBERBOARD: ANSI A208.2, GRADE 130, MADE WITH BINDER CONTAINING NO UREA FORMALDEHYDE.
3. MOISTURE RESISTANT MEDIUM-DENSITY FIBERBOARD: ANSI A208.2, GRADE MD, MR50, MADE WITH BINDER CONTAINING NO UREA FORMALDEHYDE.
4. STRAW-BASED PARTICLEBOARD: ANSI A208.1, GRADE M-2, EXCEPT FOR DENSITY, MADE WITH ADHESIVE CONTAINING NO UREA FORMALDEHYDE.
5. SOFTWOOD PLYWOOD: DOC PS 1.
6. VENEER-FACED PANEL PRODUCTS (HARDWOOD PLYWOOD): HPVA HP-1, MADE WITH ADHESIVE CONTAINING NO UREA FORMALDEHYDE.
B. ADHESIVES, GENERAL: DO NOT USE ADHESIVES THAT CONTAIN UREA FORMALDEHYDE.
C. VOC LIMITS FOR INSTALLATION ADHESIVES AND GLUES: USE INSTALLATION ADHESIVES THAT COMPLY WITH THE FOLLOWING LIMITS FOR VOC CONTENT WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24):
1. WOOD GLUES: 30 G/L.
2. PANEL ADHESIVE: 50 G/L.
3. MULTIPURPOSE CONSTRUCTION ADHESIVE: 70 G/L.
4. CONTACT ADHESIVE: 80 G/L.
D. CLOSET AND UTILITY SHELVING:
1. SPECIAL PURPOSE: 250 G/L.
2. GRADE: ECONOMY.
3. SHELF MATERIAL: 3/4 INCH (19 MM) THERMOSET DECORATIVE PANEL WITH PVC OR POLYESTER EDGE BANDING.
4. GLASS: 3/4 INCH (19 MM) PANEL PRODUCT.
E. SHOP FINISHING:
1. GRADE: SAME GRADE AS WOODWORK.
2. EXTENT: ALL WOODWORK SHOP FINISHED.
1.4 INSTALLATION
A. SCRIBE AND CUT MILLWORK TO FIT ADJOINING WORK, REFINISH CUT SURFACES, AND REPAIR DAMAGED FINISH AT CUTS.
B. ANCHOR MILLWORK TO ANCHORS OR BLOCKING BUILT IN OR DIRECTLY ATTACHED TO SUBSTRATES: SECURE WITH COUNTERSUNK, CONCEALED FASTENERS AND BLIND NAILINGS AS REQUIRED FOR COMPLETE INSTALLATION. USE FINE FINISHING NAILS OR FINISHING SCREWS FOR EXPOSED FASTENING, COUNTERSUNK AND FILLED FLUSH WITH MILLWORK AND MATCHING FINAL FINISH IF TRANSPARENT FINISH IS INDICATED.
C. CABINETS: INSTALL WITHOUT DISTORTION SO DOORS AND DRAWERS FIT OPENINGS PROPERLY AND ARE ACCURATELY ALIGNED. ADJUST HARDWARE TO CENTER DOORS AND DRAWERS IN OPENINGS AND TO PROVIDE UNENCUMBERED OPERATION. COMPLETE INSTALLATION OF HARDWARE AND ACCESSORY ITEMS AS INDICATED.
1. INSTALL CABINETS WITH NO MORE THAN 1/8 INCH IN 96 INCH (3 MM IN 2400 MM) SAG, BOW, OR OTHER VARIATION FROM A STRAIGHT LINE.
D. COUNTERTOPS: ANCHOR SECURELY BY SCREWING THROUGH CORNER BLOCKS OF BASE CABINETS OR OTHER SUPPORTS INTO UNDERSIDE OF COUNTERTOP.
1. ALIGN ADJACENT SOLID-SURFACING-MATERIAL COUNTERTOPS AND FORM SEAMS TO COMPLY WITH MANUFACTURER'S WRITTEN RECOMMENDATIONS USING ADHESIVE IN COLOR TO MATCH COUNTERTOP. CAREFULLY DRESS JOINTS SMOOTH, REMOVE SURFACE SCRATCHES, AND CLEAN ENTIRE SURFACE.
2. INSTALL COUNTERTOPS WITH NO MORE THAN 1/8 INCH IN 96 INCH (3 MM IN 2400 MM) SAG, BOW, OR OTHER VARIATION FROM A STRAIGHT LINE.
3. SECURE COVERED BACKSPASHES TO TOPS PER MANUFACTURER'S FABRICATION MANUAL AND TO WALLS WITH ADHESIVE.
4. CAULK SPACE BETWEEN BACKSPASH AND WALL WITH SEALANT SPECIFIED IN DIVISION 7 SECTION "JOINT SEALANTS."
END OF SECTION 064000

- SECTION 064400 - PLASTIC PANELING
PART 1 - GENERAL
1.1 SUMMARY
A. SECTION INCLUDES THE FOLLOWING:
1. GLASS-FIBER REINFORCED PLASTIC (FRP) WALL PANELING.
2. MOLDING, ADHESIVES, AND JOINT SEALANTS.
1.2 PLASTIC SHEET PANELING
A. GLASS-FIBER-REINFORCED PLASTIC PANELING: GELCOAT-FINISHED, GLASS-FIBER REINFORCED PLASTIC PANELS COMPLYING WITH ASTM D 5319.
1. LOW-EMITTING MATERIALS: PANELING SHALL COMPLY WITH THE TESTING AND PRODUCT REQUIREMENTS OF THE CALIFORNIA DEPARTMENT OF HEALTH SERVICES' "STANDARD PRACTICE FOR THE TESTING OF VOLATILE ORGANIC EMISSIONS FROM VARIOUS SOURCES USING SMALL-SCALE ENVIRONMENTAL CHAMBERS."
2. NOMINAL THICKNESS: NOT LESS THAN 0.09 INCHES.
3. COLOR: WHITE.
4. MOLDING COLOR: WHITE.
5. SURFACE FINISH: MOLDED PEBBLE TEXTURE.
B. UNREINFORCED POLYPROPYLENE PANELING: SOLID POLYPROPYLENE PANELS MADE FROM NO LESS THAN 80 PERCENT RECYCLED MATERIAL.
1. LOW-EMITTING MATERIALS: PANELING SHALL COMPLY WITH THE TESTING AND PRODUCT REQUIREMENTS OF THE CALIFORNIA DEPARTMENT OF PUBLIC HEALTH'S FORMERLY THE CALIFORNIA DEPARTMENT OF HEALTH SERVICES' "STANDARD METHOD FOR THE TESTING AND EVALUATION OF VOLATILE ORGANIC CHEMICAL EMISSIONS FROM INDOOR SOURCES USING ENVIRONMENTAL CHAMBERS."
2. NOMINAL THICKNESS: NOT LESS THAN 0.09 INCHES.
3. COLOR: WHITE.
4. MOLDING COLOR: WHITE.
5. SURFACE FINISH: MOLDED PEBBLE TEXTURE.
1.3 ADHESIVES
A. AS RECOMMENDED BY PLASTIC PANELING MANUFACTURER.
1. VOC LIMIT: 50 G/L.
1.4 ACCESSORIES
A. TRIM ACCESSORIES: MANUFACTURER'S STANDARD ONE-PIECE VINYL EXTRUSIONS DESIGNED TO RETAIN AND COVER EDGES OF PANELS. PROVIDE DIVISION BARS, INSIDE CORNERS, OUTSIDE CORNERS, AND CAPS AS NEEDED TO CONCEAL EDGES.
1. COLOR: WHITE.
END OF SECTION 064400

THERMAL AND MOISTURE PROTECTION

- SECTION 07841 - THROUGH-PENETRATION FIRESTOP SYSTEMS
1.1 SUBMITTALS
A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED.
1.2 QUALITY ASSURANCE
A. INSTALLER QUALIFICATIONS: AN FM GLOBAL-APPROVED FIRESTOP CONTRACTOR OR A UL-QUALIFIED FIRESTOP CONTRACTOR.
B. FIRE-TEST-RESPONSE CHARACTERISTICS: TESTED PER ASTM E 814 BY QUALIFIED TESTING AND INSPECTING AGENCY.
1.3 PENETRATION FIRESTOPPING
A. PENETRATIONS IN FIRE-RESISTANCE-RATED WALLS: F-RATINGS PER ASTM E 814 OR UL 1479.
B. PENETRATIONS IN HORIZONTAL ASSEMBLIES: F- AND T-RATINGS PER ASTM E 814 OR UL 1479.
C. PENETRATIONS IN SMOKE BARRIERS: L-RATINGS PER UL 1479.
D. VOC CONTENT OF INTERIOR SEALANTS: PROVIDE INTERIOR SEALANTS AND SEALANT PRIMERS THAT COMPLY WITH THE FOLLOWING LIMITS FOR VOC CONTENT WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24):
1. SEALANTS: 250 G/L.
2. SEALANT PRIMERS FOR NONPOROUS SUBSTRATES: 250 G/L.
3. SEALANT PRIMERS FOR POROUS SUBSTRATES: 775 G/L.
1.4 INSTALLATION
A. IDENTIFICATION: PREPRINTED METAL OR PLASTIC LABELS, PERMANENTLY ATTACHED.
1.5 FIELD QUALITY CONTROL
A. INSPECTION OF INSTALLED FIRESTOP SYSTEMS: BY OWNER-ENGAGED AGENCY ACCORDING TO ASTM E 2174 REQUIREMENTS.
END OF SECTION 07841

- SECTION 07846 - FIRE-RESISTIVE JOINT SYSTEMS
1.1 SUMMARY
A. FIRE-RESISTIVE JOINT SYSTEMS FOR THE FOLLOWING:
1. JOINTS IN OR BETWEEN FIRE-RESISTANCE-RATED CONSTRUCTIONS.
2. JOINTS AT EXTERIOR CURTAIN-WALL/FLOOR INTERSECTIONS.
3. JOINTS IN SMOKE BARRIERS.
1.2 PERFORMANCE REQUIREMENTS
A. FIRE-RESISTANCE RATINGS OF JOINT SYSTEMS IN AND BETWEEN FIRE-RESISTANCE-RATED CONSTRUCTIONS: EQUALING OR EXCEEDING THE FIRE-RESISTANCE RATINGS OF CONSTRUCTION THAT THEY JOIN, AND WITH MOVEMENT CAPABILITIES INDICATED AS DETERMINED BY UL 2079.
1.3 SUBMITTALS
A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED.
1.4 QUALITY ASSURANCE
A. FIRE-TEST-RESPONSE CHARACTERISTICS: TESTED BY QUALIFIED TESTING AND INSPECTING AGENCY.
1.5 FIRE-RESISTIVE JOINT SYSTEMS
A. DESIGNATION SYSTEM FOR JOINTS IN OR BETWEEN FIRE-RESISTANCE-RATED CONSTRUCTIONS: ALPHANUMERIC SYSTEMS LISTED IN UL'S "FIRE RESISTANCE DIRECTORY" UNDER PRODUCT CATEGORY XHBN.
B. JOINTS IN OR BETWEEN FIRE-RESISTANCE-RATED CONSTRUCTION: EQUAL TO OR EXCEEDING THE FIRE-RESISTANCE RATING OF CONSTRUCTION THEY WILL JOIN.
C. JOINTS AT EXTERIOR CURTAIN-WALL/FLOOR INTERSECTIONS: EQUAL TO OR EXCEEDING THE FIRE-RESISTANCE RATING OF THE FLOOR ASSEMBLY.
D. JOINTS IN SMOKE BARRIERS:
1. L-RATING: NOT EXCEEDING 5.0 CFM/FT (0.00775 CU. M/S X M) OF JOINT AT 0.30 INCH WG (74.7 PA) AT BOTH AMBIENT AND ELEVATED TEMPERATURES.
E. EXPOSED FIRE-RESISTIVE JOINT SYSTEMS: PROVIDE PRODUCTS WITH FLAME-SPREAD AND SMOKE-DEVELOPED INDEXES OF LESS THAN 25 AND 450, RESPECTIVELY, AS DETERMINED PER ASTM E 84.
F. VOC CONTENT: FIRE-RESISTIVE JOINT SYSTEM SEALANTS SHALL COMPLY WITH THE FOLLOWING LIMITS FOR VOC CONTENT WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24):
1. ARCHITECTURAL SEALANTS: 250 G/L.
2. SEALANT PRIMERS FOR NONPOROUS SUBSTRATES: 250 G/L.
3. SEALANT PRIMERS FOR POROUS SUBSTRATES: 775 G/L.
G. ACCESSORIES: FORMING MATERIALS AND OTHER COMPONENTS NEEDED TO INSTALL FILL MATERIALS AND MAINTAIN RATINGS REQUIRED.
END OF SECTION 07846

THERMAL AND MOISTURE PROTECTION (CONT)

- SECTION 079200 - JOINT SEALANTS
1.1 MATERIALS
A. VOC CONTENT OF INTERIOR SEALANTS: PROVIDE INTERIOR SEALANTS AND SEALANT PRIMERS THAT COMPLY WITH THE FOLLOWING LIMITS FOR VOC CONTENT WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24):
1. SEALANTS: 250 G/L.
2. SEALANT PRIMERS FOR NONPOROUS SUBSTRATES: 250 G/L.
3. SEALANT PRIMERS FOR POROUS SUBSTRATES: 775 G/L.
B. SUITABILITY FOR CONTACT WITH FOOD: WHERE SEALANTS ARE INDICATED FOR JOINTS THAT WILL COME IN REPEATED CONTACT WITH FOOD, PROVIDE PRODUCTS THAT COMPLY WITH 21 CFR 177.2600.
C. ELASTOMERIC JOINT SEALANTS: LIQUID APPLIED, CHEMICALLY CURING; ASTM C 920.
1. MULTICOMPONENT NONSAG NEUTRAL-CURING SILICONE SEALANT ES-1.
2. SINGLE-COMPONENT MILDEW-RESISTANT NEUTRAL-CURING SILICONE SEALANT ES-2.
3. SINGLE-COMPONENT MILDEW-RESISTANT ACID-CURING SILICONE SEALANT ES-3.
4. SINGLE-COMPONENT MILDEW-RESISTANT ACID-CURING RTV SILICONE SEALANT ES-4.
5. MULTICOMPONENT NONSAG POLYUREA SEALANT ES-5.
6. MULTICOMPONENT NONSAG POLYUREA FILLER ES-6.
D. LATEX SEALANT LS-1: COMPLY WITH ASTM C 834, TYPE P, GRADE NF.
E. JOINT-SEALANT BACKING:
1.2 JOINT-SEALANT SCHEDULE
A. JOINT-SEALANT APPLICATION JS-1: EXTERIOR HORIZONTAL NONTRAFFIC AND TRAFFIC ISOLATION AND CONTRACTION JOINTS IN CAST-IN-PLACE CONCRETE SLABS.
1. JOINT SEALANT: ES-5.
2. JOINT-SEALANT APPLICATION JS-2: EXTERIOR PERIMETER JOINTS BETWEEN WALL AND FRAMES OF DOORS AND WINDOWS.
1. JOINT SEALANT: ES-1.
C. JOINT-SEALANT APPLICATION JS-3: EXTERIOR CONTROL AND EXPANSION JOINTS IN HORIZONTAL TRAFFIC SURFACES OF BRICK PAVERS, CERAMIC TILE, STONE PAVING UNITS, CONCRETE TILE.
1. JOINT SEALANT: MULTICOMPONENT POURABLE POLYSULFIDE SEALANT.
2. JOINT-SEALANT COLOR: AS SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE.
D. JOINT-SEALANT APPLICATION JS-4: INTERIOR PERIMETER JOINTS OF EXTERIOR OPENINGS.
1. JOINT SEALANT: ES-3.
E. JOINT-SEALANT APPLICATION JS-5: INTERIOR CERAMIC TILE EXPANSION, CONTROL, CONTRACTION, AND ISOLATION JOINTS IN HORIZONTAL TRAFFIC SURFACES.
1. JOINT SEALANT: ES-3.
2. JOINT-SEALANT COLOR: AS NOTED.
F. JOINT-SEALANT APPLICATION JS-6: INTERIOR JOINTS BETWEEN PLUMBING FIXTURES AND ADJOINING WALLS, FLOORS, AND COUNTERS.
1. JOINT SEALANT: ES-3.
2. JOINT-SEALANT COLOR: TRANSLUCENT.
G. JOINT-SEALANT APPLICATION JS-7: VERTICAL JOINTS ON EXPOSED SURFACES OF INTERIOR PARTITIONS.
1. JOINT SEALANT: ES-3.
H. JOINT-SEALANT APPLICATION JS-8: PERIMETER JOINTS BETWEEN INTERIOR WALL SURFACES AND FRAMES OF INTERIOR DOORS, WINDOWS.
1. JOINT SEALANT: ES-3.
I. JOINT-SEALANT APPLICATION JS-9: HVAC JOINTS.
1. JOINT SEALANT: ES-2.
2. JOINT-SEALANT COLOR: ALUMINUM.
J. JOINT-SEALANT APPLICATION JS-10: NON-POROUS MATERIAL TO NON-POROUS MATERIAL.
1. JOINT SEALANT: ES-4.
2. JOINT-SEALANT COLOR: CLEAR.
END OF SECTION 079200

DOORS AND WINDOWS

- SECTION 081416 - FLUSH WOOD DOORS
1.1 SUBMITTALS
A. PRODUCT DATA: FOR EACH TYPE OF DOOR INDICATED. INCLUDE DETAILS OF CORE AND EDGE CONSTRUCTION AND TRIM FOR OPENINGS.
B. SHOP DRAWINGS: INDICATE LOCATION, SIZE, AND HAND OF EACH DOOR; ELEVATION OF EACH KIND OF DOOR; CONSTRUCTION DETAILS NOT COVERED IN PRODUCT DATA; LOCATION AND EXTENT OF HARDWARE BLOCKING; AND OTHER PERTINENT DATA.
1. INDICATE DIMENSIONS AND LOCATIONS OF MORTISES AND HOLES FOR HARDWARE.
2. INDICATE DIMENSIONS AND LOCATIONS OF CUTOUTS.
3. INDICATE REQUIREMENTS FOR VENEER MATCHING.
4. INDICATE DOORS TO BE FACTORY FINISHED AND FINISH REQUIREMENTS.
5. INDICATE FIRE-PROTECTION RATINGS FOR FIRE-RATED DOORS.
C. WARRANTY: SAMPLE OF SPECIAL WARRANTY.
1.2 QUALITY ASSURANCE
A. QUALITY STANDARD: AWI.
1. AWI QUALITY CERTIFICATION LABELS OR AN AWI LETTER OF LICENSING FOR DOORS.
2. WI-CERTIFIED COMPLIANCE CERTIFICATE FOR DOORS AND INSTALLATION.
B. FIRE-RATED WOOD DOORS: POSITIVE PRESSURE TESTING.
1.3 DOOR CONSTRUCTION, GENERAL
A. LOW-EMITTING MATERIALS: MADE WITH ADHESIVES AND COMPOSITE WOOD PRODUCTS THAT DO NOT HAVE ADDED UREA FORMALDEHYDE.
B. WOMA I.S. 1-A PERFORMANCE GRADE: HEAVY DUTY UNLESS OTHERWISE INDICATED.
1.4 VENEER-FACED DOORS FOR TRANSPARENT FINISH
A. INTERIOR SOLID-CORE DOORS:
1. CORE: PARTICLEBOARD.
2. CONSTRUCTION: FIVE OR SEVEN PLYS, BONDED.
1.5 PRIMING/FINISHING
A. SHOP PRIMING:
1. DOORS FOR OPAQUE FINISH: ONE COAT OF WOOD PRIMER.
2. DOORS FOR TRANSPARENT FINISH: STAIN AND FIRST COAT OF FINISH.
B. FACTORY FINISHING: ALL DOORS.
END OF SECTION 081416

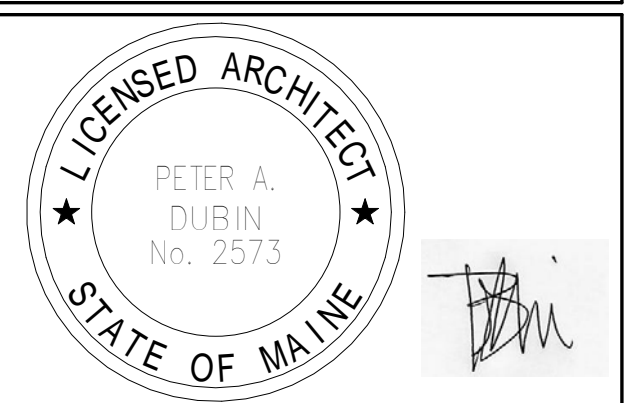


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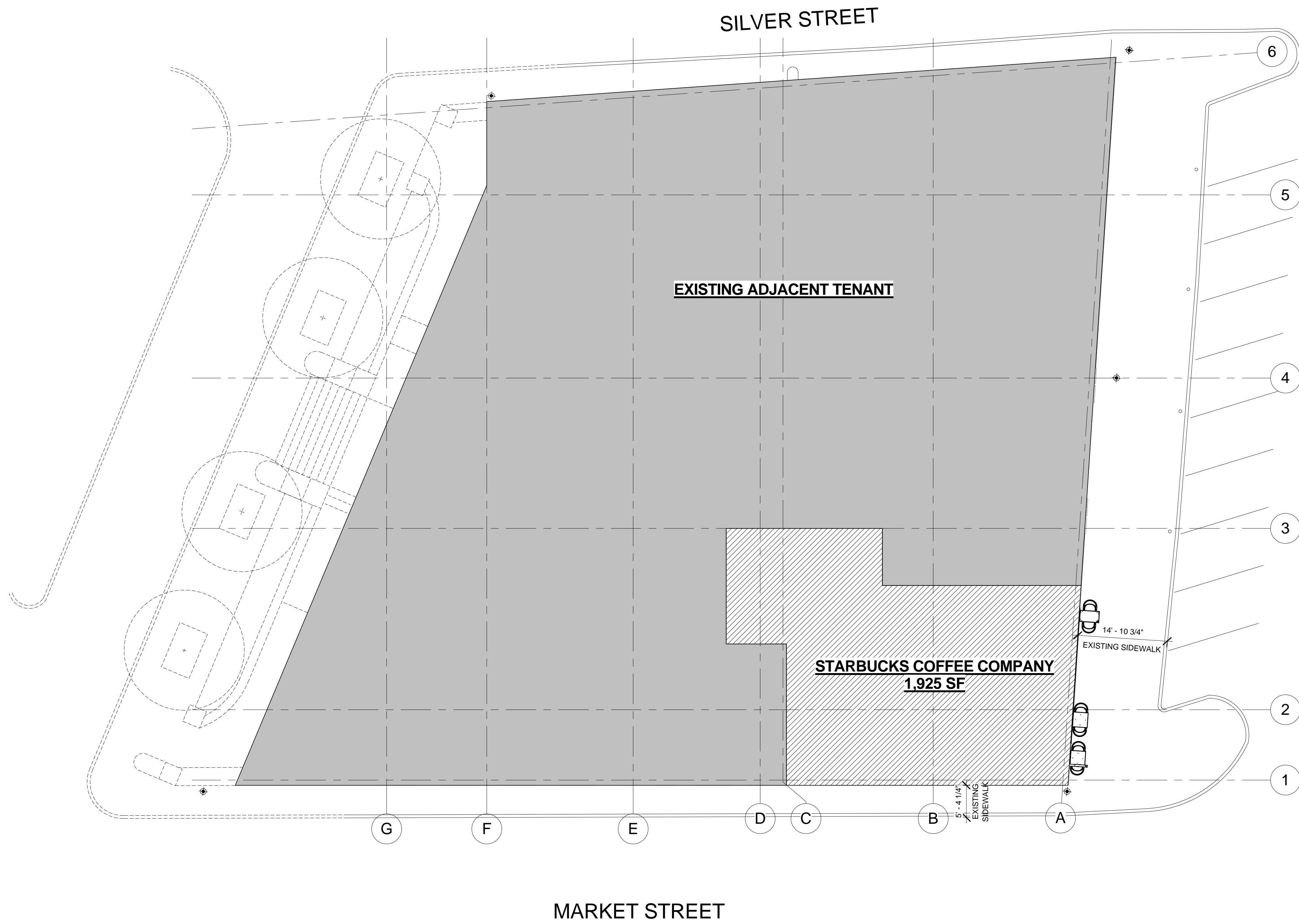
Revision Schedule table with columns: Rev, Date, By, Description

PROJECT NAME: COMMERCIAL STREET
PROJECT ADDRESS: 145 COMMERCIAL STREET
PORTLAND, ME 04101
CUMBERLAND COUNTY

STORE #: 19384
PROJECT #: 58862-001
CONCEPT: MCS
PALETTE: HERITAGE
ISSUE DATE: JAN. 11, 2013
DESIGN MANAGER: E. ZAKAMAREK
LEED® AP:
PRODUCTION DESIGNER: NORR ILLINOIS
CHECKED BY:

SHEET TITLE: DESIGN SPECIFICATIONS
SCALE: 1/4" = 1'-0"

SHEET NUMBER: G-011



**ARCHITECTURAL
SITE PLAN NOTES**

- A. REFER TO EXTERIOR ELEVATIONS FOR BUILDING SIGNAGE LOCATION AND DESIGN ID. REFER TO ELECTRICAL PLANS FOR ELECTRICAL REQUIREMENTS.
- B. LANDSCAPING TO BE PROVIDED PER ZONING CODE AND LEED REQUIREMENTS.
- C. DRIVE-THRU EQUIPMENT INCLUDING VEHICLE DETECTION LOOP, WIRELESS COMMUNICATION, AND MONITORS COORDINATED BY STARBUCKS CONSTRUCTION MANAGER. REFER TO ELECTRICAL SPECIFICATIONS FOR ELECTRICAL REQUIREMENTS.
- D. LANDLORD IS RESPONSIBLE FOR PROVIDING SITE WORK, INCLUDING NEW BOLLARDS, FOOTING AND CONDUIT FOR DRIVE-THRU SIGNAGE. COORDINATE WITH STARBUCKS CONSTRUCTION MANAGER.
- E. ALL PARKING AND DRIVE-THRU STRIPING TO BE PROVIDED BY LANDLORD.
- F. TRASH ENCLOSURE TO BE LOCKABLE USING STEEL GATES OR CHAIN TO BE PROVIDED BY LANDLORD.
- G. LANDLORD TO PROVIDE 6" (150MM) THICK CONCRETE PAVING THE LENGTH OF THE DRIVE-THRU LANE, EXTENT TO INCLUDE DRIVE-THRU WINDOW STANDING PAD.
- H. GENERAL CONTRACTOR TO APPLY CONCRETE SEALER TO ALL EXTERIOR CONCRETE PATIO AND WALKWAY SURFACES.

SHEET NOTES

- 1.

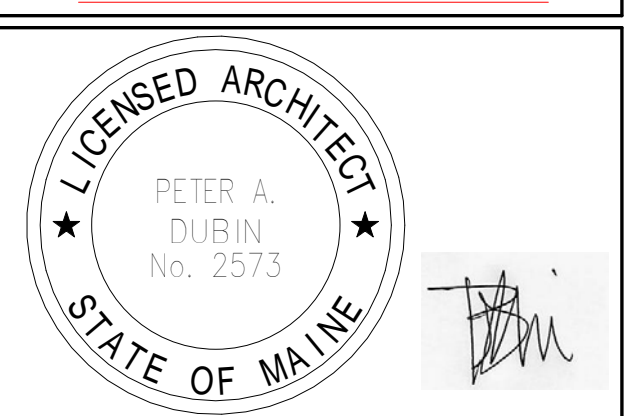


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PROJECT ADDRESS:
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ISSUE DATE: JAN. 11, 2013
DESIGN MANAGER: E. ZAKAMAREK
LEED® AP:
PRODUCTION DESIGNER: NORR ILLINOIS
CHECKED BY:

SHEET TITLE:
ARCHITECTURAL SITE PLAN

SCALE: As indicated

SHEET NUMBER:
A-101

1 SITE PLAN - FOR REFERENCE ONLY
Scale: 1" = 10'-0"

SIGNAGE SCHEDULE - "S"					
DESIGN ID	COUNT	DESCRIPTION	RESP.	BULB	COMMENTS
SIGNAGE - DISK					
13157	2	SIGN - DISK DF ILLUMINATED SUSPENDED EVOLVED - 24IN 610MM	VD	LED	BY LOCAL SIGNAGE VENDOR.
X0068	1	SIGN - DISK BLADE DF NONILLUMINATED WITH BRACKET WALL MOUNTED EVOLVED - 24IN 610MM	VD	N/A	BY LOCAL SIGNAGE VENDOR. SIM TO 13157; NONILLUMINATED.
SIGNAGE - WORDMARK					
11453	1	SIGN - INLINE NONILLUMINATED - 16IN 405MM	VD	N/A	BY LOCAL SIGNAGE VENDOR. INSTALL WITH BACKER PANEL.
X0023	1	SIGNAGE - BACKER PANEL	VD	N/A	BY LOCAL SIGNAGE VENDOR. DIMENSIONS: 22'-8"W x 2'-0"H

ALLOWED SIGNAGE RQMTS:

COMMERCIAL STREET FACADE:
 ALLOWED SIGNAGE: 66 SF
 PROPOSED SIGNAGE: 49 SF

MAX AREA BUILDING SIGNAGE ALLOWED:
 2 SQFT PER TENANT BUILDING FRONTAGE
 *NOTE: HISTORIC OVERRULES ZONING

PROPOSED SIGNAGE:

Starbucks Wordmark - ID: 11453 (Qty: 1)
 Area: 45.33 SF (Back Illuminated Inline)
 Height: 16in (Wordmark); 24in (Backer Panel)
 *Note: Area includes Backer Panel

Exterior Logo Disk - ID: X0068 (Qty: 1)
 Area: 3.14 SF (Externally Illuminated)
 Height: 24in

Interior Logo Disk - ID: 13157 (Qty: 2)
 Area: 3.14 SF (Internally Illuminated)
 Height: 24in

Proposed Signage Total Area: 48.47 SF
 (Excludes Interior Logo Disks;
 Including Interior Logo Disks: 54.75 SF)

EXTERIOR ELEVATION NOTES

- A. GENERAL CONTRACTOR TO COORDINATE AND SCHEDULE SIGNAGE INSTALLATION WITH THE SIGNAGE CONTRACTOR PROVIDING A MINIMUM SCHEDULING NOTICE OF 4 WEEKS AND 1 WEEK PRIOR TO SCHEDULED DATE OF INSTALLATION. STARBUCKS CONSTRUCTION MANAGER TO PROVIDE GENERAL CONTRACTOR WITH SIGNAGE CONTRACTOR CONTACT INFORMATION.
- B. GENERAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL ELECTRICAL CIRCUITS INCLUDING ALL CONDUIT, WIRE, CONNECTIONS, AND BREAKER AT PANEL BOARD NECESSARY TO SERVE SIGNAGE.
- C. GENERAL CONTRACTOR TO PROVIDE FIRE TREATED WOOD STUD BLOCKING, OR EQUIVALENT TO SUPPORT SIGNAGE.
- D. SIGNAGE CONTRACTOR SHALL VERIFY SIZE AND LOCATION OF ANY AND ALL ALLOWABLE MONUMENT OR POLE SIGNAGE WITH LANDLORD AND PROVIDE SHOP DRAWING(S) PRIOR TO FABRICATION TO STARBUCKS DESIGNER FOR APPROVAL.
- E. SIGNAGE CONTRACTOR TO INSTALL SIGNAGE IN COMPLIANCE WITH LOCAL CODES AND OBTAIN PERMIT AND LANDLORD APPROVAL.
- F. SIGNAGE CONTRACTOR TO SUPPLY SHOP DRAWINGS TO STARBUCKS CONSTRUCTION MANAGER AND TO THE GENERAL CONTRACTOR AS NEEDED. GENERAL CONTRACTOR TO NOTIFY STARBUCKS CONSTRUCTION MANAGER IMMEDIATELY IF SHOP DRAWINGS OR INSTALLATION IS IN DISCREPANCY WITH STARBUCKS ARCHITECTURAL DRAWINGS.
- G. GENERAL CONTRACTOR TO CLEAN, PATCH AND REPAIR EXISTING EXTERIOR AS REQUIRED.
- H. SEE SCHEDULE SHEETS FOR SIGNAGE SCHEDULE.

SHEET NOTES

- 1. PROVIDE 3" (75MM) HIGH BLACK ACRYLIC STORE ADDRESS ON GLAZING.
- 2. INSTALL NEW HALO-LIT, 16IN WORDMARK ON BACKER PANEL AS INDICATED. CENTER NEW WORKMARK AND PANEL ABOVE ENTRANCE DOORS (HORIZ) AND WITHIN EXISTING FACADE BANDING (VERT) - GC TO VERIFY DIMENSIONS OF SIGNAGE MOUNTING.
- 3. INSTALL NEW EXTERNALLY ILLUMINATED, 24IN BLADE DISK AS INDICATED. CENTER DISK WITHIN EXISTING FACADE BANDING - GC TO VERIFY DIMENSIONS OF SIGNAGE MOUNTING.
- 4. INSTALL NEW ILLUMINATED, INTERIOR 24IN SUSPENDED LOGO DISK AS INDICATED. SEE INTERIOR ELEVATIONS FOR MOUNTING HEIGHT.

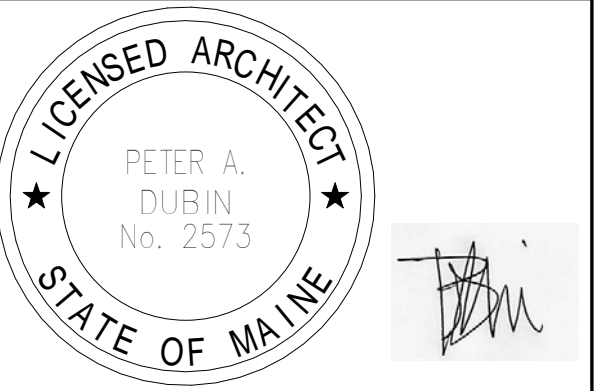


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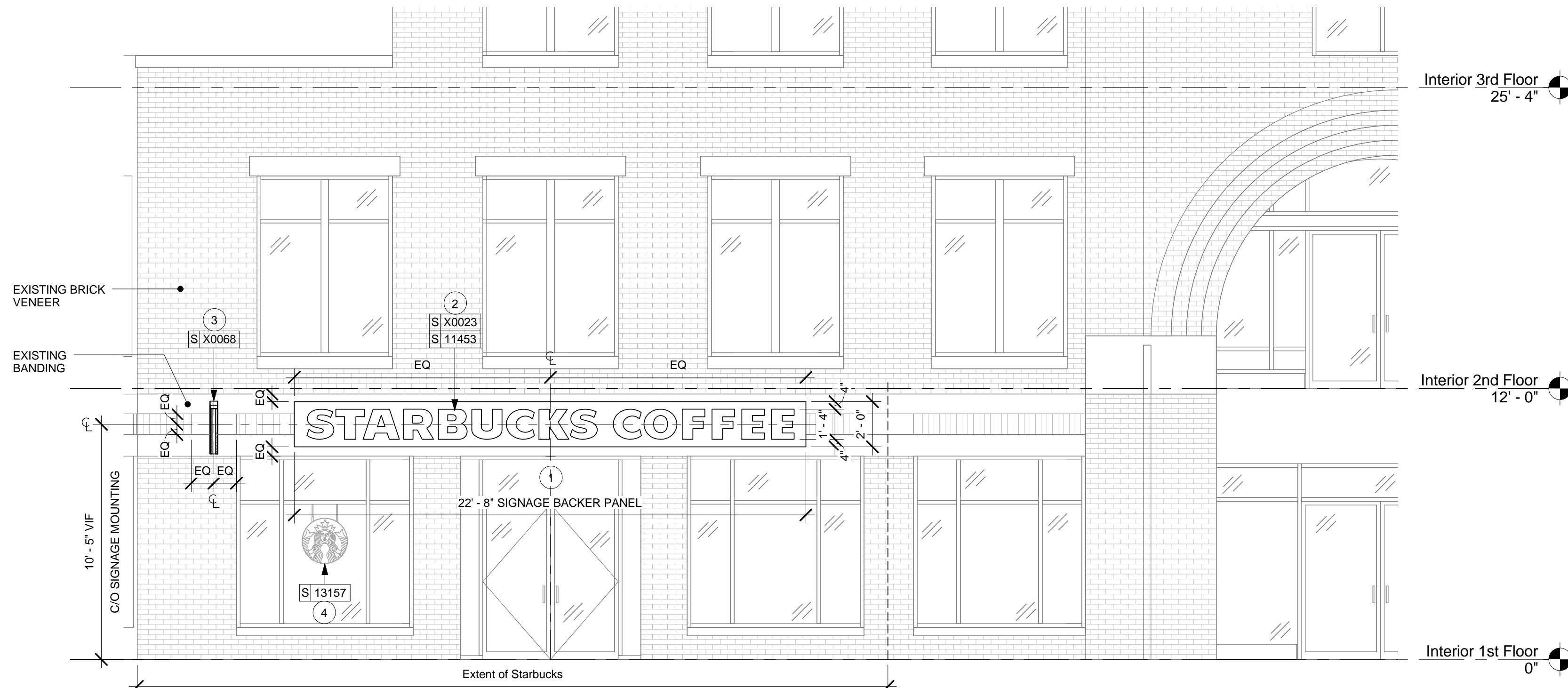
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 PRODUCTION DESIGNER: NORR ILLINOIS
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SHEET TITLE:
EXTERIOR ELEVATIONS

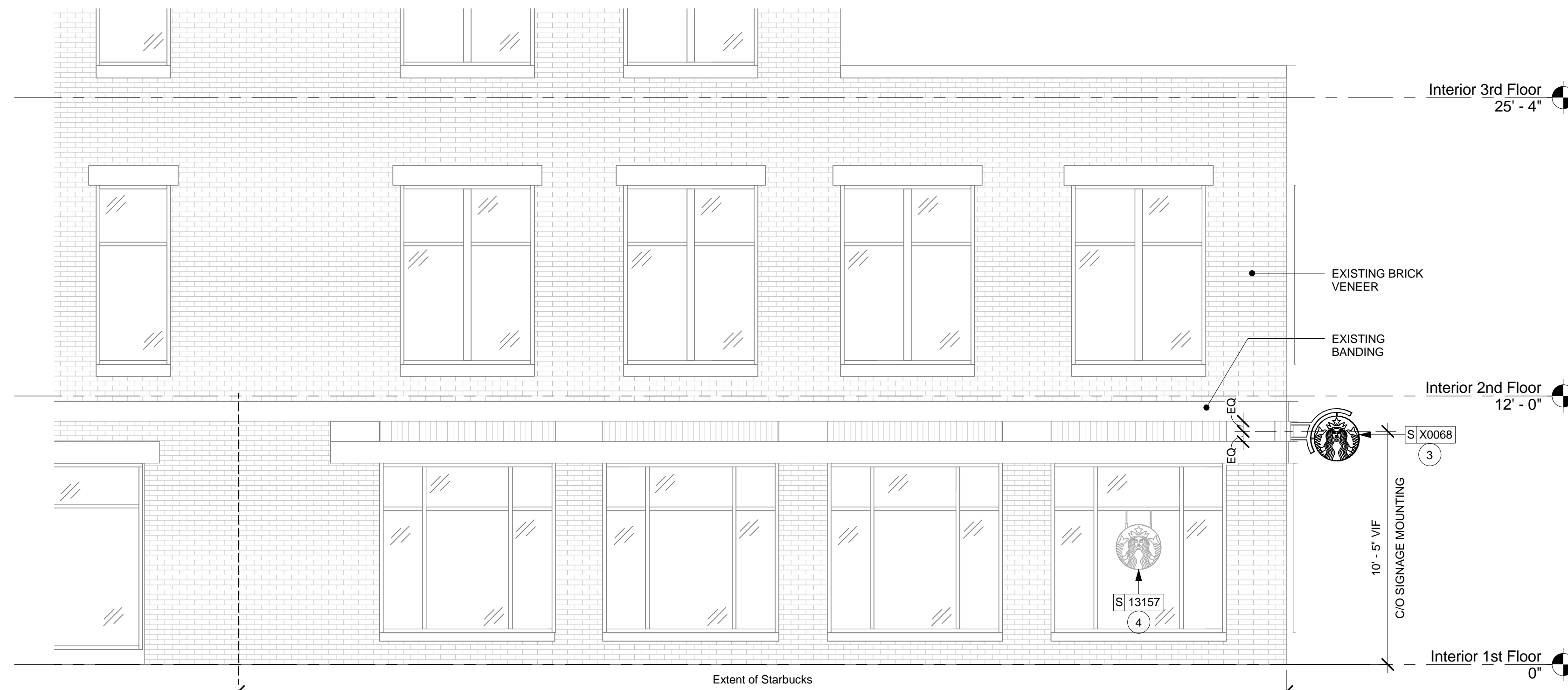
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SHEET NUMBER:
 A-301



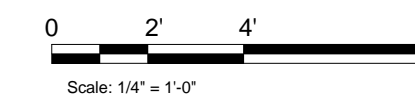
1 Commercial Street Elevation

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



2 Market Street Elevation

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



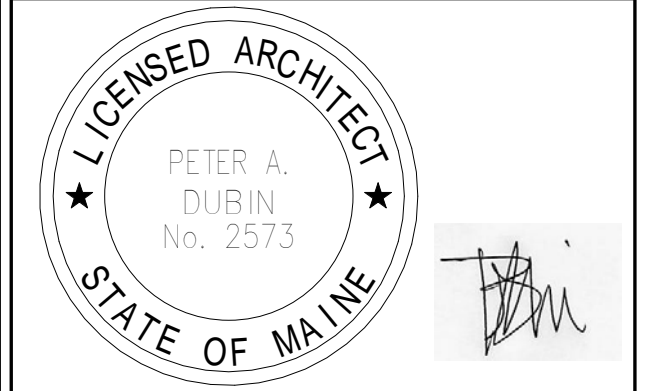


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Engineering Consultants
Mechanical - Electrical - Plumbing



Rev	Date	Revision Schedule	Description

PROJECT NAME:
COMMERCIAL STREET
PROJECT ADDRESS:
**145 COMMERCIAL STREET
PORTLAND, ME 04101
CUMBERLAND COUNTY**

STORE #: 19384
PROJECT #: 58862-001
CONCEPT: MCS
PALETTE: HERITAGE
ISSUE DATE: JAN. 11, 2013
DESIGN MANAGER: E. ZAKAMAREK
LEED® AP:
PRODUCTION DESIGNER: NORR ILLINOIS
CHECKED BY:

SHEET TITLE:
FLOOR PLAN

SCALE: As indicated

SHEET NUMBER:
I-112

WALL TYPE LEGEND

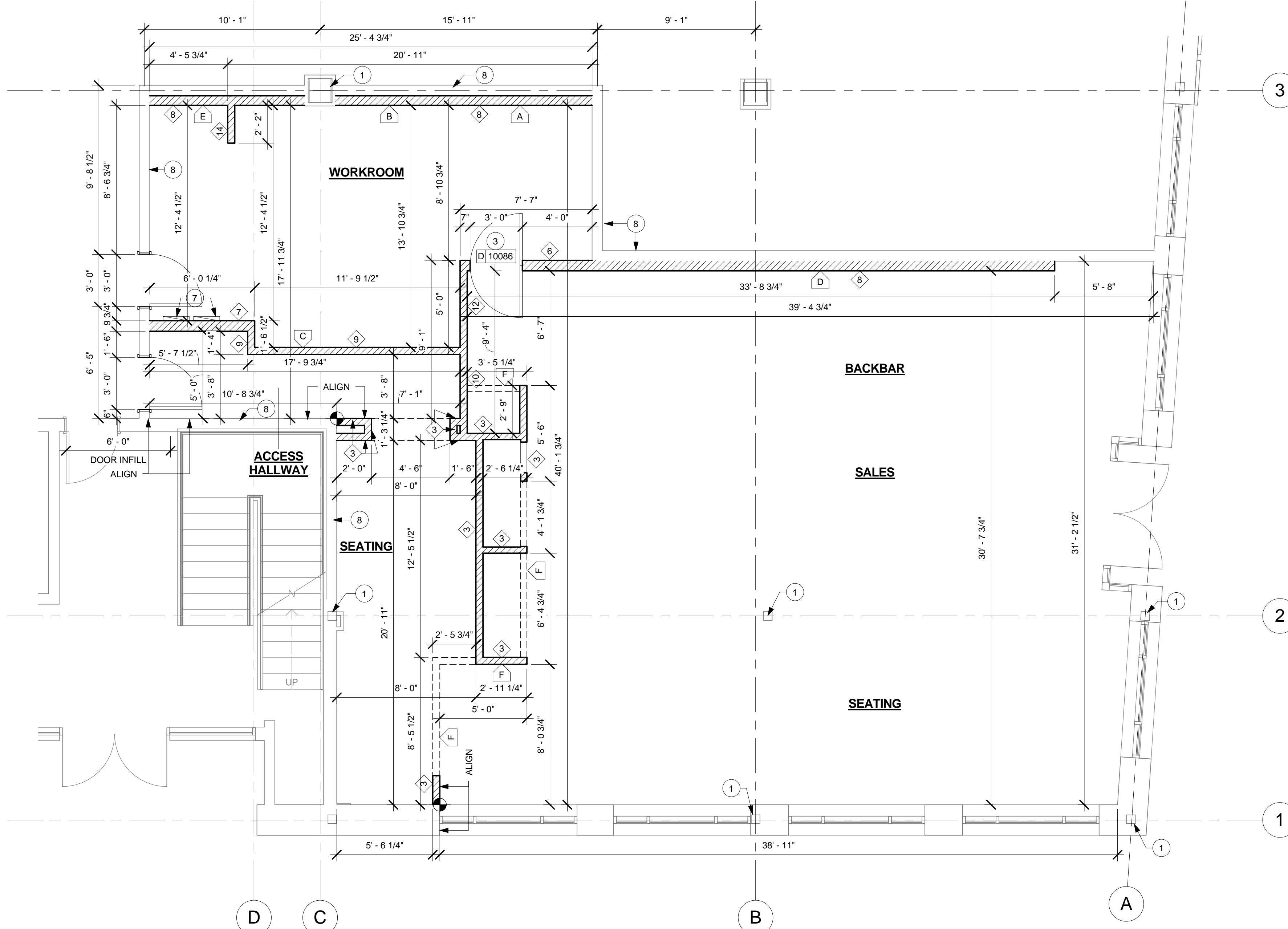
- 1 Existing Wall
- 3 New Partition Wall to 6" (152mm) Above Ceiling
20 Ga 3-5/8" (86 mm) metal studs 16" (406mm) O.C. with 5/8" (16 mm) Type "X" GWB on one or both sides to minimum of 6" (152 mm) above ceiling grid. Drywall screws @ 12" (305 mm) O.C., 45 degrees. Metal stud reinforcement @ 48" (1219 mm) O.C. above ceiling line to structure above.
- 6 New Plumbing Wall to Structure
20 Ga 6" (152 mm) metal studs 16" (406 mm) O.C. with 5/8" (16 mm) moisture resistant gypsum board on both sides to structure above. Secure moisture resistant gypsum board to studs with drywall screws at 10" (254 mm) O.C. at panel edges and 12" (305 mm) O.C. at intermediate supports.
- 7 New Plumbing Wall to Structure (Moisture resistant gypsum board workroom side only)
20 Ga 6" (152 mm) metal studs 16" (406 mm) O.C. with 5/8" (16 mm) moisture resistant gypsum board on both workroom side only to structure above. Secure moisture resistant gypsum board to studs with drywall screws at 10" (254 mm) O.C. at panel edges and 12" (305 mm) O.C. at intermediate supports.
- 8 New Furred Plumbing Wall to 6" (152mm) Above Ceiling
20 Ga 6" (152 mm) metal studs 16" (406 mm) O.C. with 5/8" (16 mm) moisture resistant gypsum board to ceiling. Secure moisture resistant gypsum board to studs with drywall screws at 10" (254 mm) O.C. at panel edges and 12" (305 mm) O.C. at intermediate supports. 45 degree metal stud reinforcement @ 48" (1219 mm) O.C. above ceiling line to structure above.
- 9 New Partition Wall to Structure (Moisture resistant gypsum board workroom side only)
20 Ga 3-5/8" (86 mm) metal studs 16" (406 mm) O.C. to structure above with 5/8" (16 mm) Green Board on restroom side to ceiling and 5/8" (16 mm) Type "X" GWB on other side to structure above. Secure Green Board to studs with drywall screws at 10" (254 mm) O.C. at panel edges and 12" (305 mm) O.C. at intermediate supports.
- 10 New Partition Wall to 6" (152 mm) Above Ceiling (Moisture resistant gypsum board restroom/backer side only)
20 Ga 3-5/8" (86 mm) metal studs 16" (406 mm) O.C. to structure above with 5/8" (16 mm) Green Board on restroom side to ceiling and 5/8" (16 mm) Type "X" GWB on other side to minimum 6" (152 mm) above ceiling grid. Secure Green Board to studs with drywall screws at 10" (254 mm) O.C. at panel edges and 12" (305 mm) O.C. at intermediate supports.
- 12 New Partition Wall to Structure (Moisture resistant gypsum board both sides)
20 Ga 3-5/8" (86 mm) metal studs 16" (406 mm) O.C. to 9'-0" (2743 mm) AFF with 5/8" (16 mm) moisture resistant gypsum board on both sides. Secure moisture resistant gypsum board to studs with drywall screws at 10" (254 mm) O.C. at panel edges and 12" (305 mm) O.C. at intermediate supports.
- 14 New Partial Height Wall - Heavier Gauge Stud
16 Ga 3-5/8" (86 mm) metal studs 16" (406 mm) O.C. with 5/8" (16 mm) moisture resistant gypsum board on both sides to minimum of 6" (152 mm) above ceiling grid. Drywall screws @ 12" (305 mm) O.C.

FLOOR PLAN NOTES

- A. GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY STARBUCKS CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION. ALL DIMENSIONS TO BE TAKEN FROM DESIGNATED DATUM POINT.
- B. IF EXISTING EXTERIOR ENTRANCE THRESHOLD EXCEEDS REQUIRED AMERICAN'S WITH DISABILITY 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 1:12.
- 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 3'-6" (900MM) MINIMUM CLEAR OPENING WHEN OPENED TO 90 DEGREE POSITION UNLESS OTHERWISE NOTED.
- E. VERIFY ALL EXISTING DOORS, HARDWARE AND FRAMES MEET STARBUCKS AND/OR CODE REQUIREMENTS.
- F. INSTALL 1/4" (6MM) GREEN BOARD ON BACKBAR WALL PER SPECIFICATION.

SHEET NOTES

- 1. EXISTING COLUMN.
- 2. REFER TO SHEETS I-502 THROUGH I-503 FOR DETAILS.
- 3. INSTALL INTERIOR DOORS AS INDICATED. REFER TO SHEET I-602 FOR DOOR SCHEDULE.
- 4. PROVIDE FIRE-TREATED WOOD BLOCKING AS REQUIRED TO SUPPORT ANY WALL ATTACHMENTS.
- 5. INSTALL 5/8" TILE BACKER BOARD ON BACKBAR/WORKROOM WETSIDE WALLS.
- 6. CONSTRUCT FULL-HEIGHT WALLS AS INDICATED.
- 7. ELECTRICAL PANEL LOCATIONS AS INDICATED. MAINTAIN MINIMUM CLEARANCES AS REQUIRED.
- 8. GC TO MAINTAIN ALL REQUIRED FIRE-RATING AT DEMISING WALLS.
- 9. GC TO VERIFY OVERALL DIMENSIONS ARE ACCURATE PRIOR TO LAYING OUT WALLS. CONTACT ARCHITECT OF RECORD IMMEDIATELY IF DISCREPANCIES OCCUR.

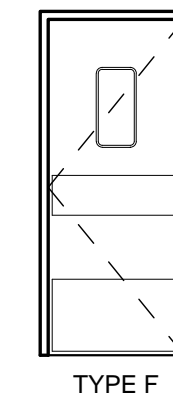


WALL BLOCKING KEY

Symbol	Item	Weight	Height	Approximate Width
A	Workroom Handsink	125LBS	3'-0" to 3'-4"	2'-6" Behind Sink
B	Shelves Above 3-Comp Sink	200LBS	5'-8" to 6'-0"	6'-0" Centered Above 3-Comp Sink
C	Shelves and Data Rack at Manager's Desk	300LBS	1/2" ACX Plywood	7'-0" Centered Above Manager's Desk and Data Rack
D	Upper Storage (Cubby) Cabinets at Backbar	300LBS	6'-1" to 7'-10"	Extent of Backbar Upper Casework
E	Water Filter System	200LBS	4'-0" to 7'-6"	See Plan
F	Wood Wall Cladding	300LBS	0'-6" to 9'-0"	See Plan

Provide fire treated 2x6 or 2x8 wood stud blocking as required to support any wall attachments.

DOOR TYPE & HARDWARE LEGEND

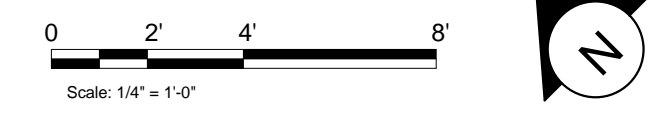


WORKROOM DOOR (TYPE F)
SET #11
(1) ELIASON DOOR PACKAGED WITH HARDWARE. (VD)

RESTROOM DOOR (PROVIDED BY LL)
*NOTE: NOT SHOWN ON PLANS
RESTROOM HARDWARE PROVIDED BY LL;
TENANT-PREFERRED PUSHBUTTON LEVER LOCK SPEC:
KABA SIMPLEX, L1021S 26D
LEFT-HAND
MFG. PART NO.: LL-1021S-36D-41; SCHLAGE CORE COMPATIBLE
FINISH: 26D: SATIN CHROME
RIGHT-HAND
MFG. PART NO.: LR-1021S-36D-41; SCHLAGE CORE COMPATIBLE
FINISH: 26D: SATIN CHROME

WALL LEGEND - FLOOR PLAN

- NEW FULL HEIGHT WALL
- EXISTING WALL
- EXISTING COLUMN



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

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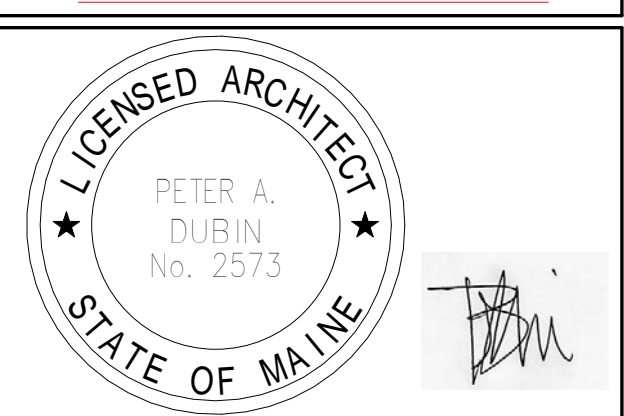
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Revision Schedule				
Rev	Date	By	Description	

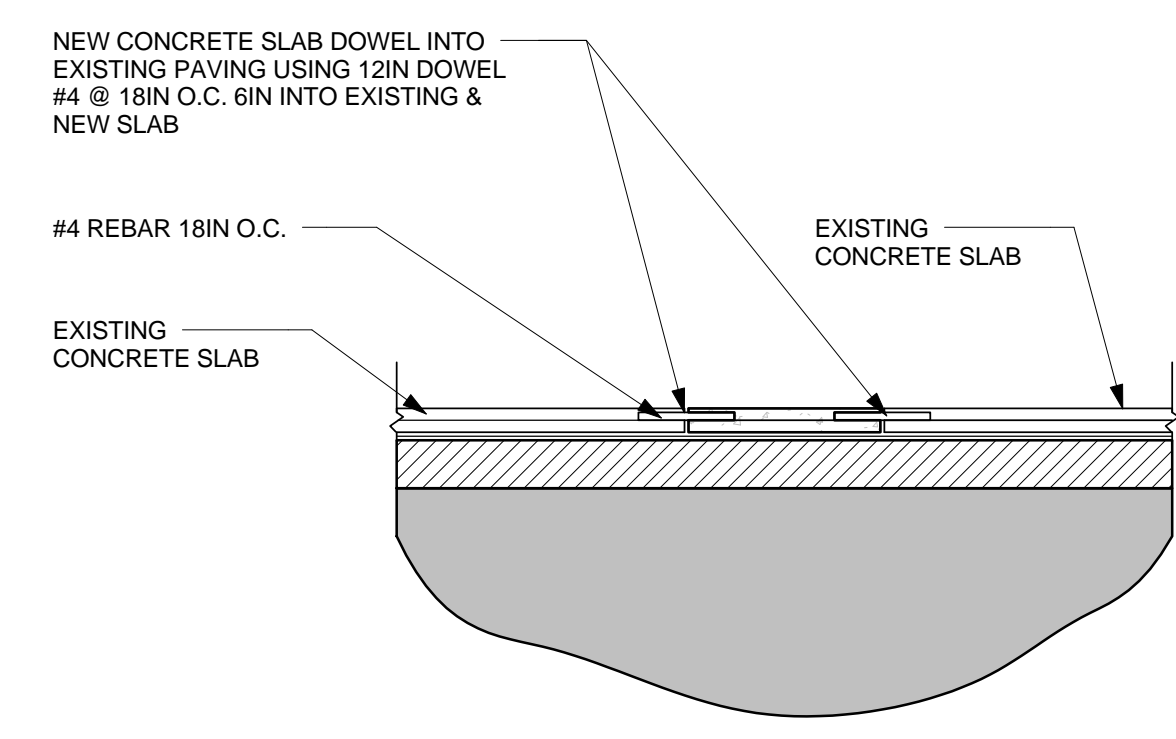
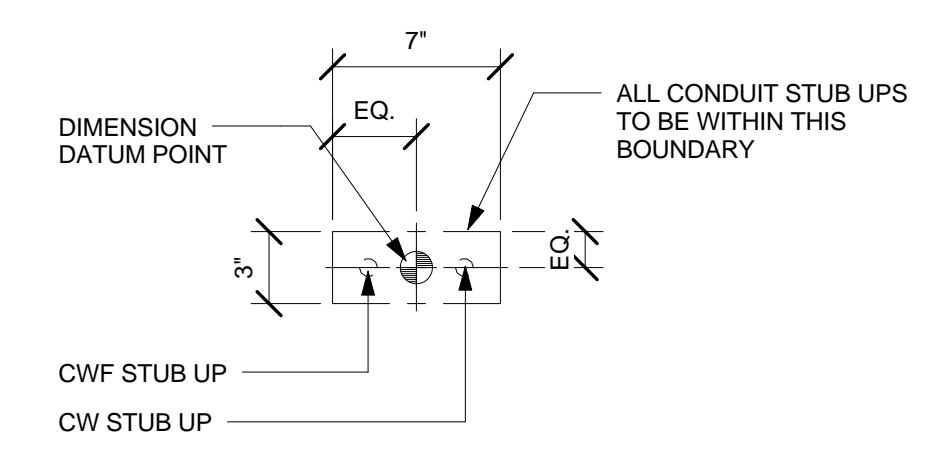
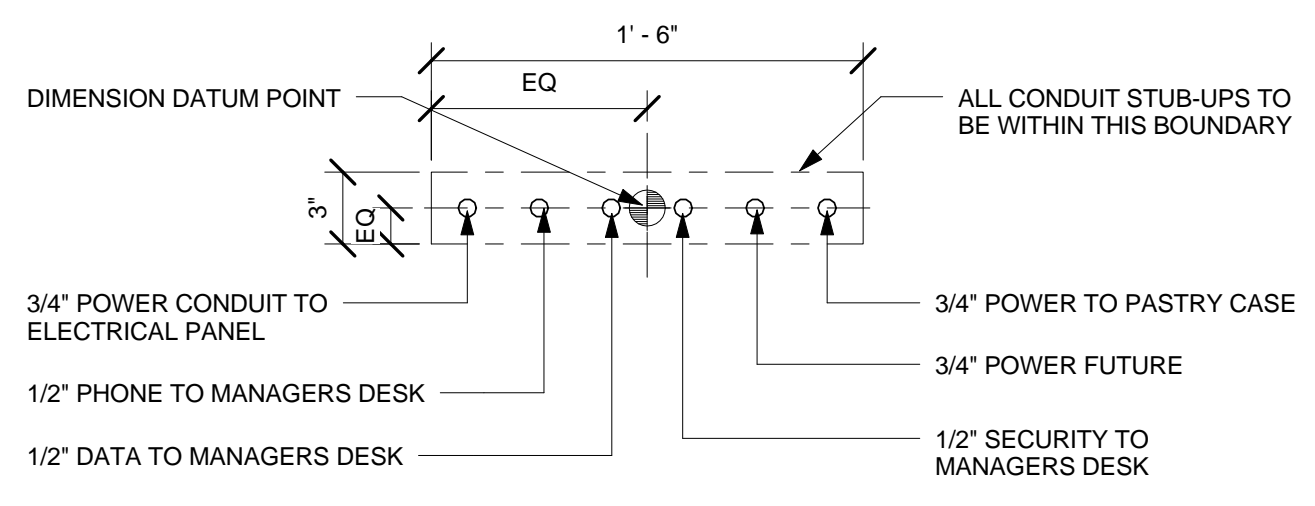
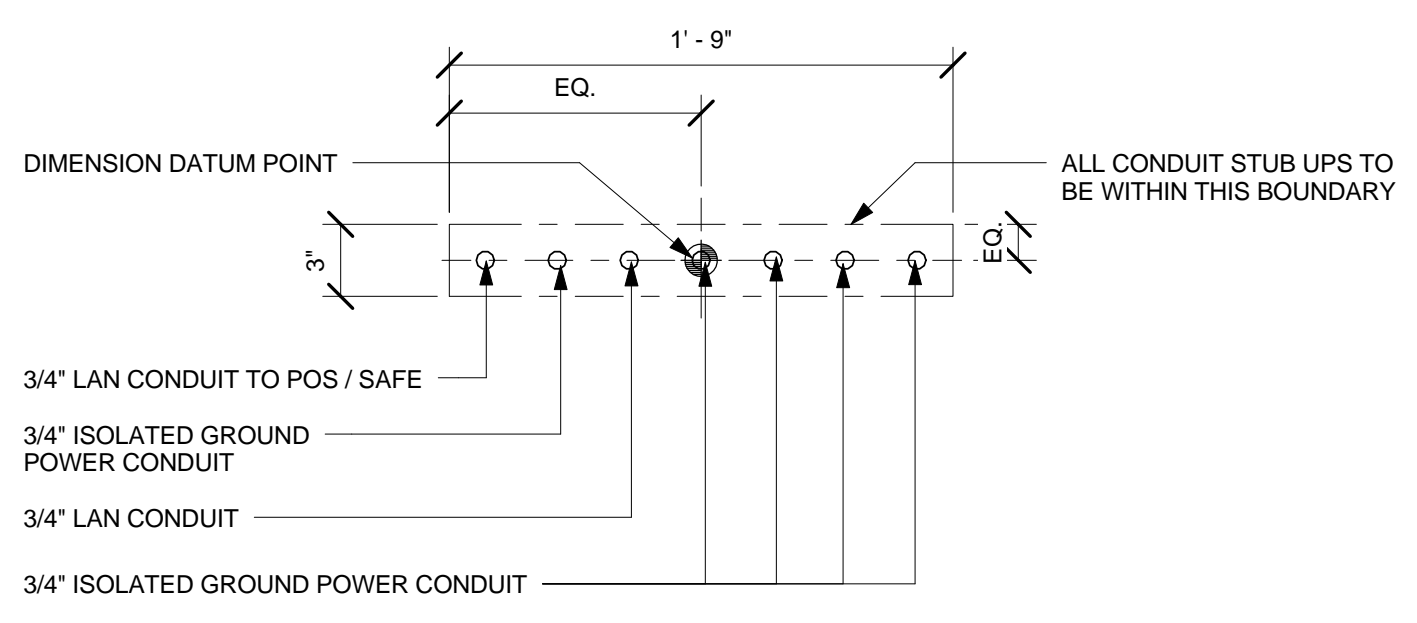
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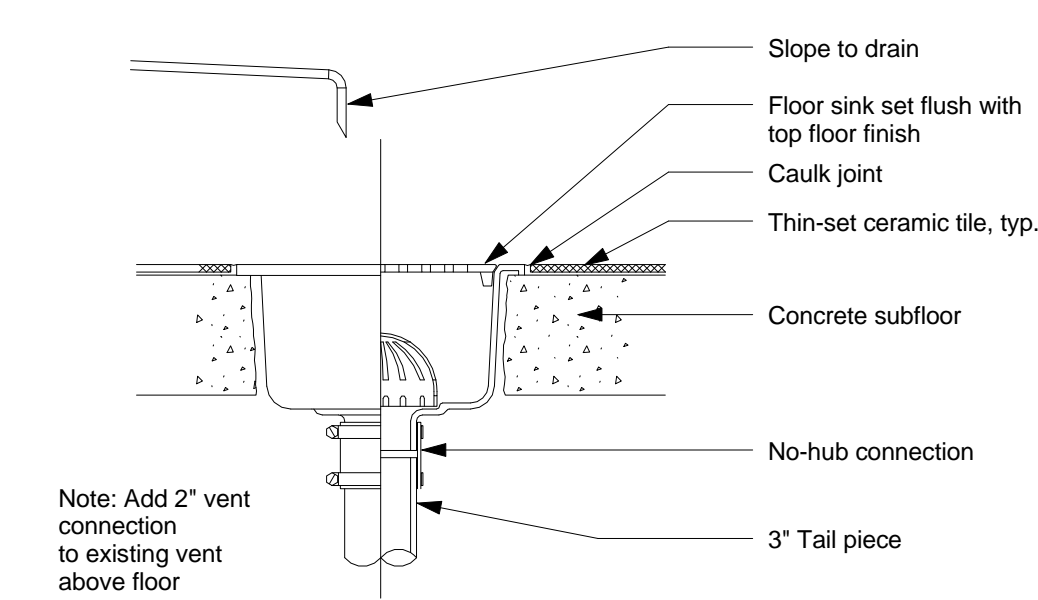
SHEET TITLE: PENETRATION PLAN
SCALE: As indicated
SHEET NUMBER: I-113

PENETRATION PLAN NOTES

- A. ALL STUB-UP DIMENSIONS ARE RELATIVE TO FINISHED WALL LOCATIONS (SHOWN AS OUTLINES ON THIS PLAN). REFER TO FLOOR PLAN FOR WALL PLACEMENT.
- B. FLOOR SINK: REFER TO CUT SHEETS FOR COMPONENT SPECIFICATIONS AND CUTOFF REQUIREMENTS.
- C. WASTE LINE PENETRATIONS: REFER TO PLUMBING PLANS FOR INDIVIDUAL LINE SPECIFICATIONS.
- D. STUB-UP PENETRATIONS: REFER TO PLUMBING PLANS FOR INDIVIDUAL STUB-UP SPECIFICATIONS.
- E. CLEAN OUT PENETRATIONS: SEE PLUMBING SHEETS FOR INDIVIDUAL LINE SPECIFICATIONS. LOCATE AS REQUIRED PER CONDITION.
- F. PENETRATION TO BE LOCATED ON CENTERLINE OF WALL OR AS REQUIRED PER CONDITIONS.
- G. LOCATION OF POWER CONDUIT STUB-UP FOR COMMUNITY TABLE: REFER TO ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- H. LOCATION OF WALL OUTLET AT 15IN AFF. COORDINATE LOCATIONS WITH STARBUCKS CONSTRUCTION MANAGER. REFER TO ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- I. LOCATION OF OUTLET AT CASEWORK DIE WALL AT 34IN AFF. COORDINATE LOCATIONS WITH STARBUCKS CONSTRUCTION MANAGER. REFER TO ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- J. GREASE TRAP PENETRATION: REFER TO PLUMBING SHEETS FOR MORE INFORMATION. LOCATE AS REQUIRED PER CONDITION.
- K. FLOOR DRAIN: REFER TO PLUMBING PLANS FOR INDIVIDUAL LINE SPECIFICATIONS.



6 TRENCHING REPAIR DETAIL
 Scale: 1/2" = 1'-0"



5 Floor Drain Section
 Scale: 1 1/2" = 1'-0"

PENETRATION PLAN LEGEND

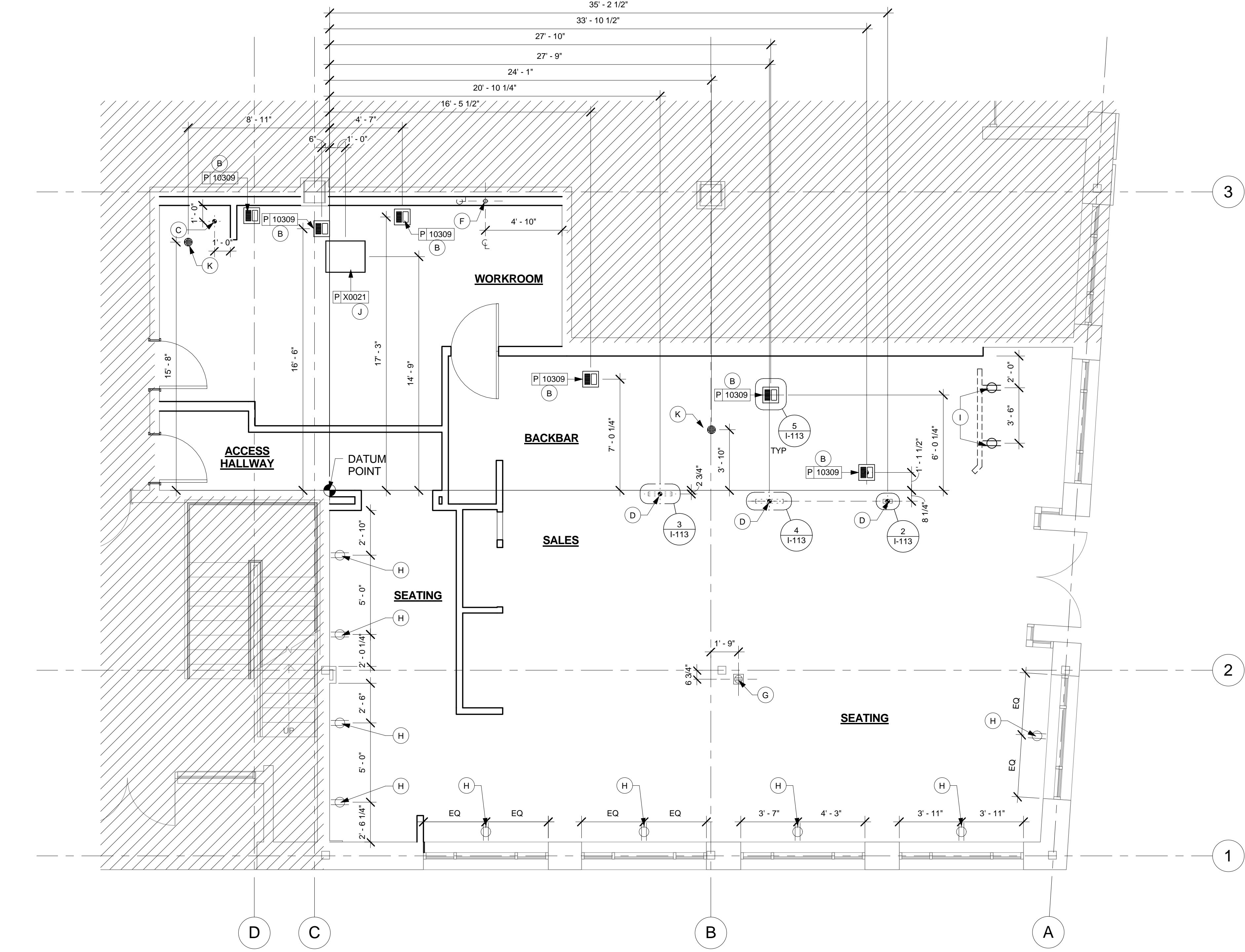
- FLOOR SINK
- FLOOR PENETRATION
- PLUMBING PENETRATION AREA
- ELECTRICAL PENETRATION AREA



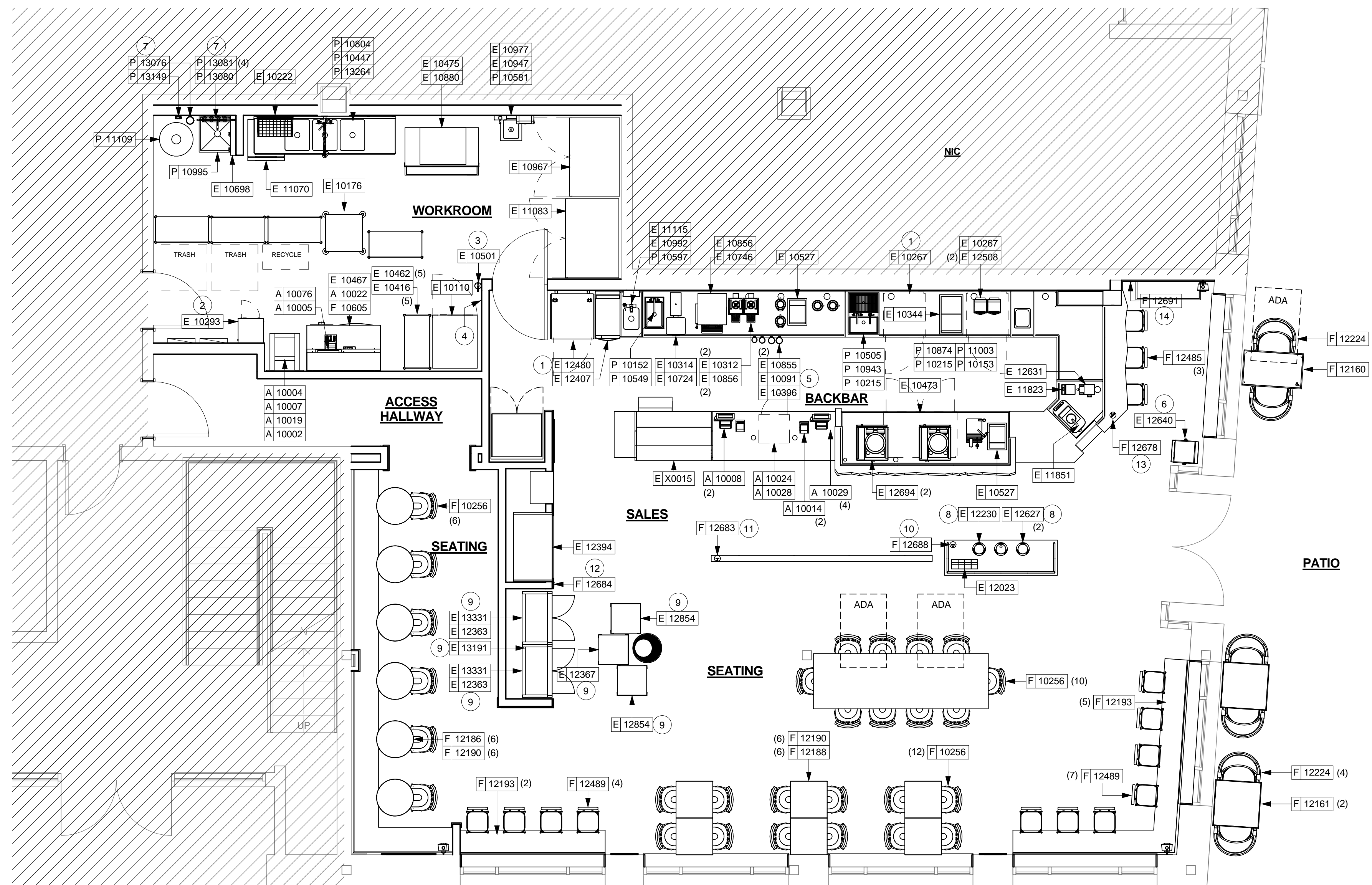
2 STUB UPS - ESPRESSO
 Scale: 1 1/2" = 1'-0"

3 STUB UPS - DOUBLE POS/SAFE
 Scale: 1 1/2" = 1'-0"

4 STUB UPS - FRONTBAR
 Scale: 1 1/2" = 1'-0"



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



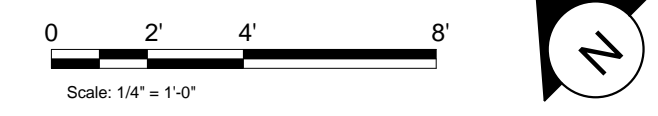
1 FURNITURE, FIXTURE, AND EQUIPMENT PLAN
Scale: 1/4" = 1'-0"

FF AND E PLAN NOTES

- A. GENERAL CONTRACTOR TO SCHEDULE WITH LOCAL REFRIGERATION CONTRACTOR TO CONDUCT INITIAL FOOD CASE START-UP AND TESTING. FOR APPROVED CONTRACTOR, CONTACT VENDOR.
- B. THE SPACE IS SERVED BY THE MUNICIPAL WATER AND SEWER SYSTEM UNLESS OTHERWISE NOTED.
- C. ALL EQUIPMENT AND INSTALLATION WILL MEET NATIONAL SANITATION FOUNDATION STANDARDS OR EQUIVALENT.
- D. EQUIPMENT UNITS SHALL CONTAIN NO EXPOSED THREADS, EMBELLISHMENTS OR OVERHANGING EDGES THAT SERVE AS PLACES FOR ACCUMULATION OF DUST, DIRT AND DEBRIS.
- E. WARMING OVEN(S) SHOWN FOR PERMITTING PURPOSES. INSTALLATION AT STORE OPENING TO BE VERIFIED BY STARBUCKS CONSTRUCTION REPRESENTATIVE.
- F. EACH HAND WASHING SINK WILL HAVE A SINGLE SERVICE TOWEL AND SOAP DISPENSER, AND ALL HAND SINKS TO HAVE A COMBINATION FAUCET OR PREMIXING FAUCET.
- G. FOR PLUMBING FIXTURES, REFER TO THE PLUMBING DESIGN PLAN. FOR DATA DEVICE SCHEDULE, REFER TO THE ELECTRICAL DESIGN PLAN.
- H. SEE SHEET I-601 FOR SCHEDULES.

SHEET NOTES

- 1. GENERAL CONTRACTOR TO REVERSE DOOR HINGE ON UNDER COUNTER REFRIGERATOR TO LEFT-HAND SWING, AS SHOWN.
- 2. SECURE LOCKERS TO WALL.
- 3. PLACE FIRE EXTINGUISHER IN WORKROOM PER FIRE INSPECTOR.
- 4. LOCATION OF ALL SWITCHING.
- 5. SEE ELEVATIONS FOR DISTRIBUTION OF CUP DISPENSERS.
- 6. GENERAL CONTRACTOR TO COORDINATE NEWSPAPER FIXTURE ORDERING. CONTACT TRIAD MANUFACTURING BY EMAIL (starbucks@triadmfng.com) OR BY PHONE (314-381-5280 X1111) TO ARRANGE SHIPMENT OF THE FIXTURE. ALLOW (5) DAY LEAD-TIME.
- 7. VENDOR TO INSTALL WATER SYSTEM PER MANUFACTURER'S INSTRUCTIONS. GC TO PROVIDE PLUMBING AND ELECTRICAL REQUIREMENTS.
- 8. DO NOT CAULK TRASH RINGS TO COUNTERTOPS.
- 9. INSTALL NEW MERCH BAYS AND CUBES AS INDICATED.
- 10. RECYCLING EDUCATION DISK. MOUNT ON CONDIMENT CART AS REQUIRED. SEE CASEWORK DETAIL FOR EXACT LOCATION.
- 11. ENERGY EDUCATION DISK. MOUNT ON DRINK RAIL AS REQUIRED. SEE CASEWORK DETAIL FOR EXACT LOCATION.
- 12. RESPONSIBLE MATERIALS EDUCATION DISK. SEE INTERIOR ELEVATIONS FOR MOUNTING HEIGHT AND LOCATION.
- 13. ALTERNATIVE TRANSPORTATION EDUCATION (BUS) DISK. MOUNT ON LIVE EDGE CUSTOMER COUNTERTOP AS REQUIRED. SEE CASEWORK DETAIL FOR EXACT LOCATION.
- 14. WASTE DIVERSION CONSTRUCTION MATERIALS EDUCATION DISK. SEE INTERIOR ELEVATIONS FOR MOUNTING HEIGHT AND LOCATION.

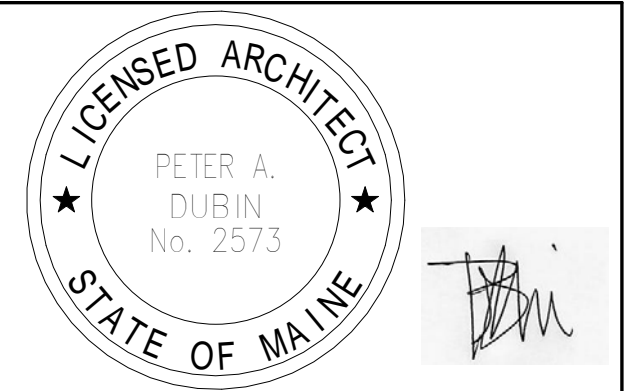


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PRODUCTION DESIGNER: NORR ILLINOIS
CHECKED BY:

SHEET TITLE:
FF AND E PLAN

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

SHEET NUMBER:
I-115

- 1. GENERAL CONTRACTOR TO REVERSE DOOR HINGE ON UNDER COUNTER REFRIGERATOR TO LEFT-HAND SWING, AS SHOWN.
- 2. SECURE LOCKERS TO WALL.
- 3. PLACE FIRE EXTINGUISHER IN WORKROOM PER FIRE INSPECTOR.
- 4. LOCATION OF ALL SWITCHING.
- 5. SPEAKERS TO BE MOUNTED PER CUTSHEET.
- 6. SEE ELEVATIONS FOR CUP DISPENSERS.
- 7. GENERAL CONTRACTOR TO COORDINATE NEWSPAPER FIXTURE ORDERING. CONTACT TRIAD MANUFACTURING BY EMAIL (starbucks@triadmfng.com) OR BY PHONE (314-381-5280 X1111) TO ARRANGE SHIPMENT OF THE FIXTURE. ALLOW (5) DAY LEAD-TIME.
- 8. GENERAL CONTRACTOR TO COORDINATE NEWSPAPER FIXTURE ORDERING. CONTACT TRIAD MANUFACTURING BY EMAIL (starbucks@triadmfng.com) OR BY PHONE (314-381-5280 X1111) TO ARRANGE SHIPMENT OF THE FIXTURE. ALLOW (5) DAY LEAD-TIME.
- 9. REFER TO ENLARGED ELEVATIONS FOR MOUNTING HEIGHT AND LOCATION.
- 10. RECYCLING EDUCATION DISK. MOUNT ON CONDIMENT CART AS REQUIRED. SEE CASEWORK DETAIL FOR EXACT LOCATION.
- 11. ENERGY EDUCATION DISK. MOUNT ON DRINK RAIL AS REQUIRED. SEE CASEWORK DETAIL FOR EXACT LOCATION.
- 12. ALTERNATIVE TRANSPORTATION EDUCATION (BUS) DISK. MOUNT ON LIVE EDGE CUSTOMER COUNTERTOP AS REQUIRED. SEE CASEWORK DETAIL FOR EXACT LOCATION.
- 13. RESPONSIBLE MATERIALS EDUCATION DISK. SEE INTERIOR ELEVATIONS FOR MOUNTING HEIGHT AND LOCATION.
- 14. WASTE DIVERSION CONSTRUCTION MATERIALS EDUCATION DISK. SEE INTERIOR ELEVATIONS FOR MOUNTING HEIGHT AND LOCATION.
- 15. REFER TO SHEET I-116 FOR CASEWORK DETAILS.
- 16. INSTALL EXTERIOR LIGHTING PER SHEET I-117 FOR DETAILS.
- 17. DO NOT CAULK TRASH RINGS TO COUNTERTOPS.
- 18. INSTALL NEW MERCH BAYS AND CUBES AS INDICATED.



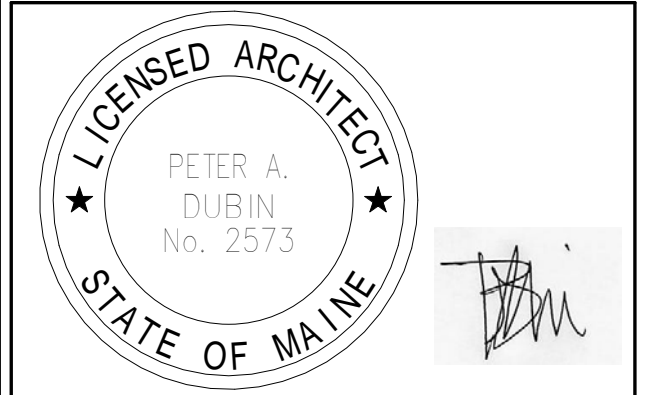
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CASEWORK PLAN NOTES

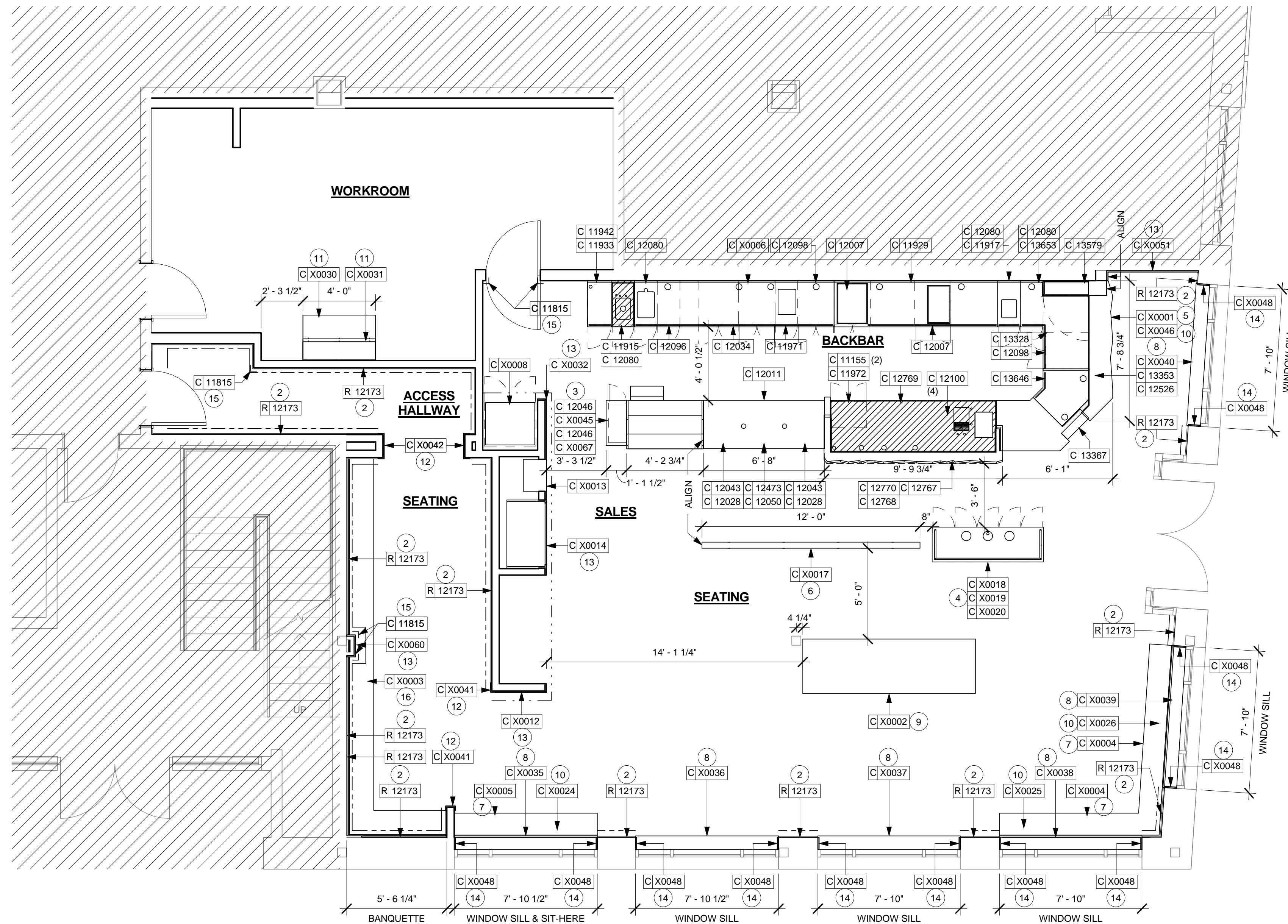
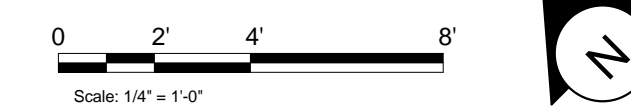
- A. GENERAL CONTRACTOR TO NOTIFY STARBUCKS CONSTRUCTION MANAGER IMMEDIATELY IF A DISCREPANCY EXISTS BETWEEN CASEWORK SHOP DRAWINGS, SITE DIMENSIONS, CASEWORK PLAN OR ACTUAL CASEWORK FIXTURES. ALL DIMENSIONS TO BE TAKEN FROM DESIGNATED DATUM POINT.
- B. STARBUCKS CONSTRUCTION MANAGER TO COORDINATE AND SCHEDULE CASEWORK DELIVERY DATE. GENERAL CONTRACTOR TO CONFIRM CASEWORK DELIVERY DATE WITH CASEWORK MANUFACTURER 4 WEEKS AND 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 BASE UNITS SHALL BE SET ON 1/4" (6MM) NON-ABSORBENT PLASTIC SHIMS PROVIDED BY CASEWORK VENDOR.
- F. SEE WALL FINISH PLAN FOR LOCATION, TAGGING, AND FINISH SCHEDULES OF APPLIED WALL TREATMENTS.
- G. INSTALL OVEN STAINLESS STEEL COUNTERTOP AND BASE CABINET WITH 1/2" (10MM) GAP BETWEEN ADJACENT COUNTERTOPS.
- H. SEE REFLECTED CEILING PLAN FOR CASEWORK SOFFIT LOCATIONS.
- J. SEE SCHEDULE SHEETS FOR SCHEDULES.

SHEET NOTES

- 1. REFER TO CASEWORK DETAIL SHEETS FOR ADDITIONAL INFORMATION.
- 2. INSTALL CHAIR RAIL AS INDICATED. REFER TO INTERIOR ELEVATIONS FOR CLARIFICATION.
- 3. INSTALL CUSTOM FRONTLINE CASEWORK AS INDICATED.
- 4. INSTALL CUSTOM CONDIMENT CART WITH TOE KICK AS INDICATED.
- 5. INSTALL CUSTOM CUSTOMER COUNTERTOP / TOP CAP AS INDICATED. SEE DETAIL SHEETS FOR MORE INFORMATION.
- 6. INSTALL CUSTOM DRINK RAIL AS INDICATED.
- 7. INSTALL CUSTOM SIT-HERE COUNTERTOPS ON STANDARD BASES (REFER TO SHEET I-115 FOR MORE INFORMATION) AS INDICATED.
- 8. INSTALL WOOD WINDOW SILLS AS INDICATED.
- 9. INSTALL CUSTOM FIXED COMMUNITY TABLE WITH INTEGRATED POWER AS INDICATED. ELECTRICAL TO RUN UP TO TABLE TOP THROUGH LEG OR BASE. SEE PENETRATION PLAN FOR TRENCHING LOCATION AND DESIGN DETAILS FOR CLARIFICATION.
- 10. INSTALL FOOT RAILS AS INDICATED.
- 11. INSTALL CUSTOM MANAGERS DESK & SHELVING AS INDICATED. SEE INTERIOR ELEVATIONS FOR CLARIFICATION.
- 12. INSTALL WOOD TRIM AT CASED OPENINGS AS INDICATED.
- 13. INSTALL FULL-HEIGHT WOOD CLADDING PANELS AS INDICATED. SEE INTERIOR ELEVATIONS FOR CLARIFICATION.
- 14. INSTALL WOOD PANELING AT WINDOW OPENING SIDES AS INDICATED. SEE INTERIOR ELEVATIONS FOR CLARIFICATION.
- 15. INSTALL METAL CORNER GUARDS THROUGHOUT AS INDICATED. SEE INTERIOR ELEVATIONS FOR CLARIFICATION.
- 16. INSTALL CUSTOM BANQUETTE WITH INTERNAL STORAGE AS INDICATED. SEE INTERIOR ELEVATIONS FOR CLARIFICATION.

CASEWORK PLAN LEGEND

- INDICATES CHAIR RAIL
- INDICATES WOOD CLADDING
- INDICATES STAINLESS STEEL



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

Revision Schedule			
Rev	Date	By	Description

PROJECT NAME:
COMMERCIAL STREET
 PROJECT ADDRESS:
**145 COMMERCIAL STREET
 PORTLAND, ME 04101
 CUMBERLAND COUNTY**

STORE #: 19384
 PROJECT #: 58862-001
 CONCEPT: MCS
 PALETTE: HERITAGE
 ISSUE DATE: JAN. 11, 2013
 DESIGN MANAGER: E. ZAKAMAREK
 LEED® AP:
 PRODUCTION DESIGNER: NORR ILLINOIS
 CHECKED BY:

SHEET TITLE:
CASEWORK PLAN

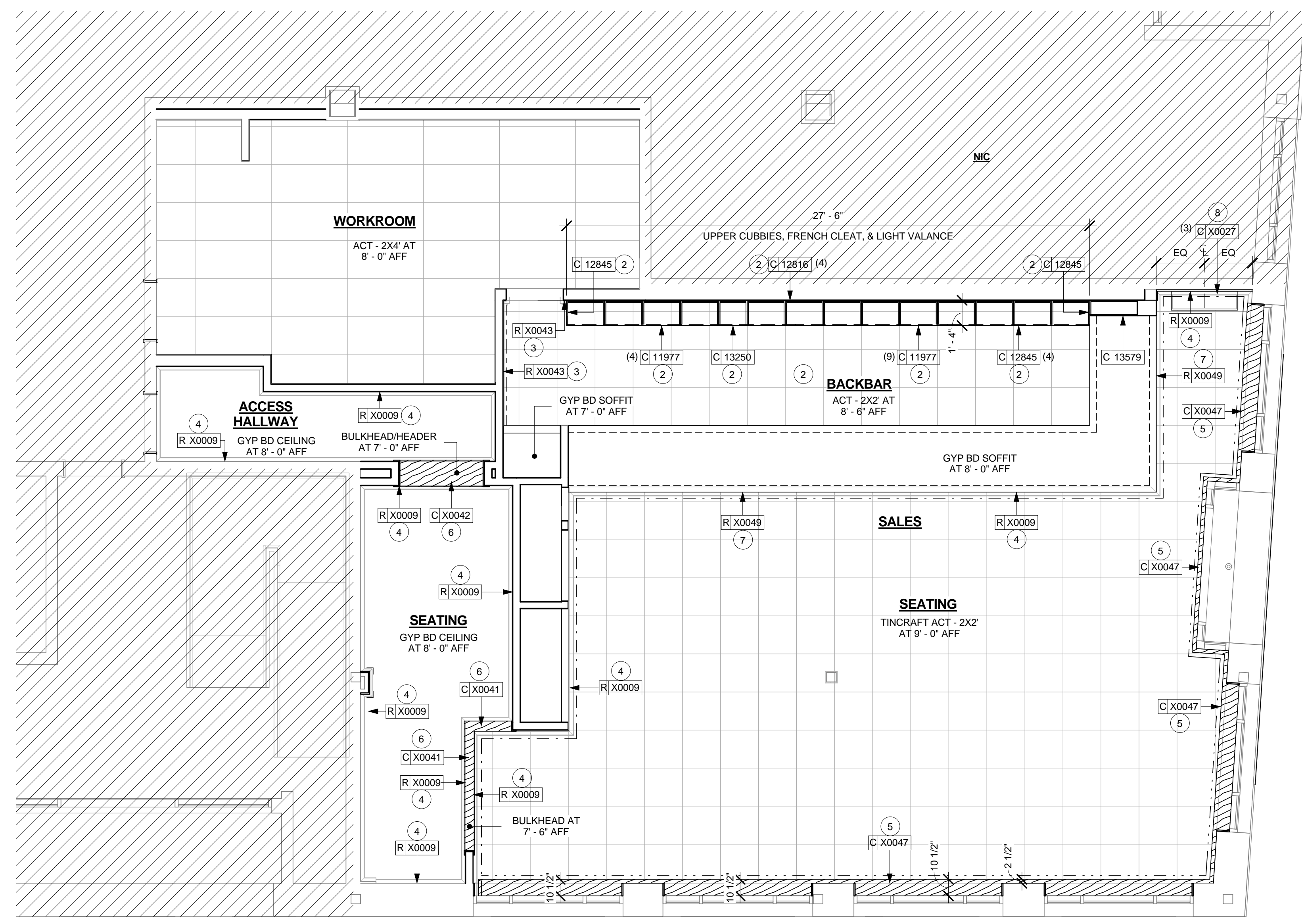
SCALE: 1/4" = 1'-0"
 SHEET NUMBER:

UPPER CASEWORK PLAN NOTES

- A. GENERAL CONTRACTOR TO NOTIFY STARBUCKS CONSTRUCTION MANAGER IMMEDIATELY IF A DISCREPANCY EXISTS BETWEEN CASEWORK SHOP DRAWINGS, SITE DIMENSIONS, CASEWORK PLAN OR ACTUAL CASEWORK FIXTURES. ALL DIMENSIONS TO BE TAKEN FROM DESIGNATED DATUM POINT.
- B. STARBUCKS CONSTRUCTION MANAGER TO COORDINATE AND SCHEDULE CASEWORK DELIVERY DATE. GENERAL CONTRACTOR TO CONFIRM CASEWORK DELIVERY DATE WITH CASEWORK MANUFACTURER 4 WEEKS AND 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. SEE WALL FINISH PLAN FOR LOCATION, TAGGING, AND FINISH SCHEDULES OF APPLIED WALL TREATMENTS.
- F. SEE REFLECTED CEILING PLAN FOR CASEWORK SOFFIT LOCATIONS.
- G. SEE SCHEDULE SHEETS FOR SCHEDULES.

SHEET NOTES

- 1. REFER TO CASEWORK AND CEILING DETAILS FOR ADDITIONAL INFORMATION.
- 2. INSTALL UPPER CUBBIES WITH FRENCH CLEAT AND LIGHT VALANCE AS INDICATED. RETURN LIGHT VALANCE TO WALL AT OPEN CUBBY ENDS.
- 3. INSTALL WOOD TRIM AT BACKBAR WALL TILE AS INDICATED. SEE INTERIOR ELEVATIONS FOR CLARIFICATION.
- 4. INSTALL CROWN MOULDING AT CEILING EDGE AS INDICATED. CAP OPEN ENDS AS REQUIRED.
- 5. INSTALL WOOD TRIM AT ACT CEILING TILE EDGE AS INDICATED.
- 6. INSTALL WOOD TRIM AT CASED OPENINGS AS INDICATED. GC TO ENSURE REQUIRED HEAD CLEARANCE IS MAINTAINED.
- 7. INSTALL WOOD TRIM AT SOFFIT AS INDICATED.
- 8. INSTALL RESERVE SHELVES AND BRACKETS AS INDICATED. SEE INTERIOR ELEVATIONS FOR MOUNTING HEIGHTS.



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

UPPER CASEWORK LEGEND

- - - - CROWN MOULDING
- - - - WOOD CEILING TRIM
- - - - 2IN WOOD TRIM AT BACKBAR TILE

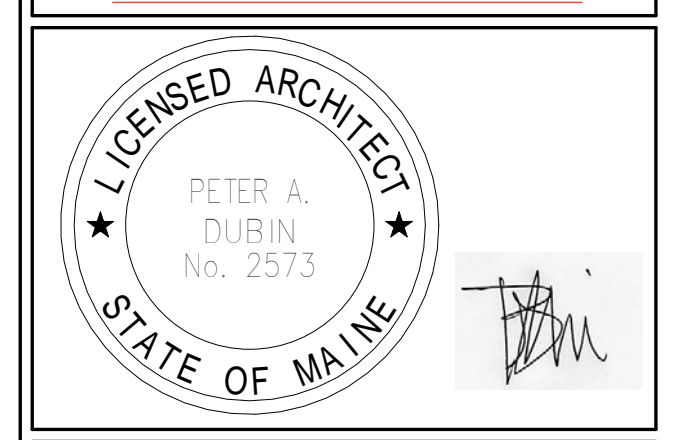


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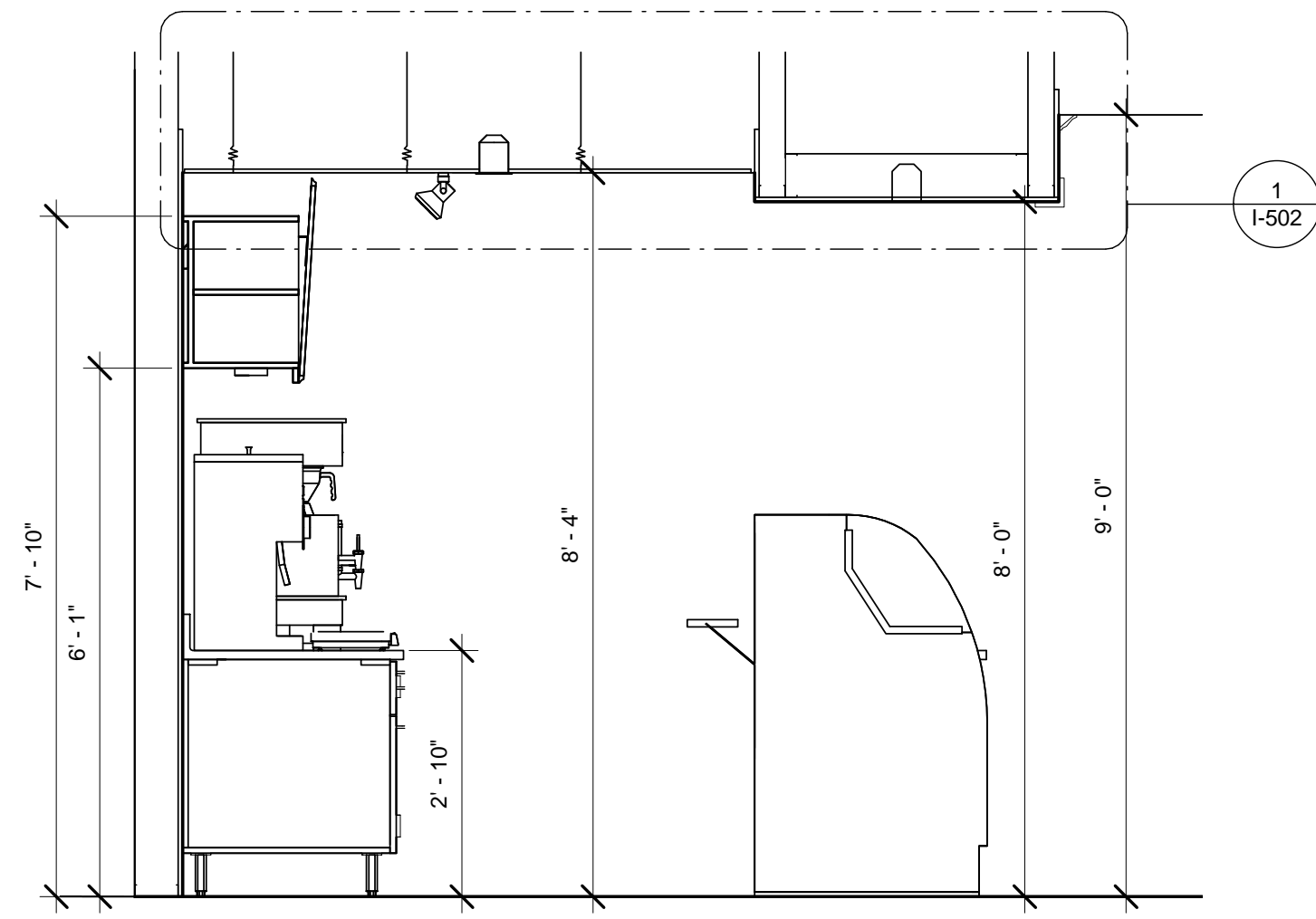
Revision Schedule		
Rev	Date	Description

PROJECT NAME:
COMMERCIAL STREET
 PROJECT ADDRESS:
 145 COMMERCIAL STREET
 PORTLAND, ME 04101
 CUMBERLAND COUNTY

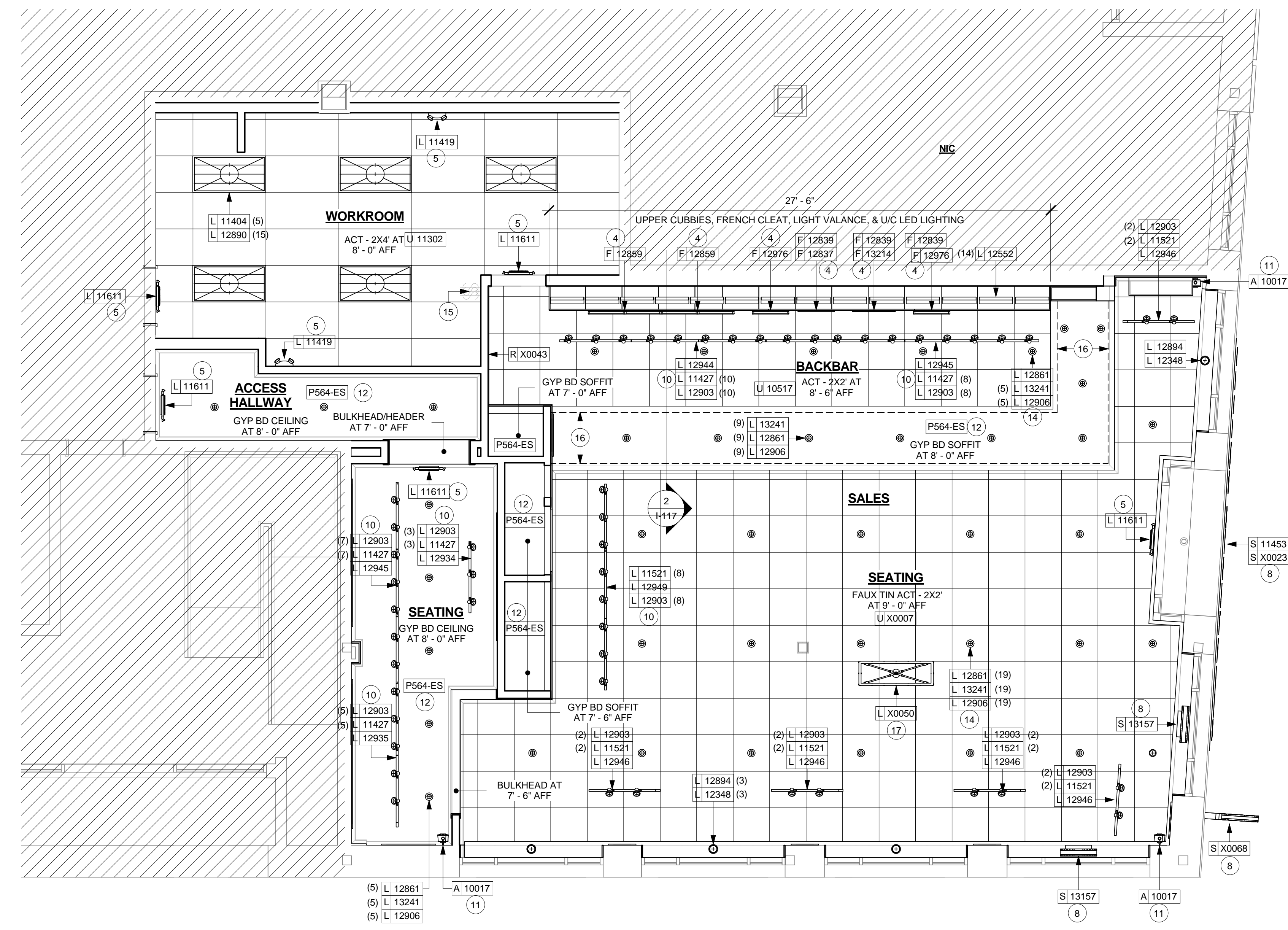
STORE #: 19384
 PROJECT #: 58862-001
 CONCEPT: MCS
 PALETTE: HERITAGE
 ISSUE DATE: JAN. 11, 2013
 DESIGN MANAGER: E. ZAKAMAREK
 LEED® AP:
 PRODUCTION DESIGNER: NORR ILLINOIS
 CHECKED BY:

SHEET TITLE:
UPPER CASEWORK PLAN
 SCALE: 1/4" = 1'-0"

SHEET NUMBER:
I-116.1



2 SECTION AT BACKBAR
Scale: 1/2" = 1'-0"



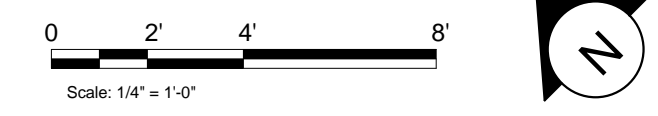
1 REFLECTED CEILING PLAN
Scale: 1/4" = 1'-0"

REFLECTED CEILING PLAN NOTES

- A. IF REQUIRED BY LOCAL CODE, GENERAL CONTRACTOR TO PROVIDE SEMI-RECESSED SPRINKLER HEADS WITH POLISHED CHROME ESCUTCHEONS CENTERED IN ACOUSTICAL CEILING TILE. IF PENDANT HEADS ARE REQUIRED IN GYPSUM SOFFIT OVER FRONTBAR, CONCEAL SUPPLY PIPING WITHIN SOFFIT. GENERAL CONTRACTOR TO SUBMIT SPRINKLER LAYOUT TO STARBUCKS CONSTRUCTION MANAGER FOR APPROVAL PRIOR TO INSTALLATION.
- B. GENERAL CONTRACTOR TO PROVIDE AND LOCATE SPRINKLERS PER LOCAL CODES. CONTACT STARBUCKS CONSTRUCTION MANAGER IF DESIGN INTENT IS AFFECTED.
- C. WHERE ACOUSTICAL CEILING MEETS WALL, PROVIDE ANGLE WALL MOLDING FOR REVEAL. MATCH CEILING GRID COLOR WHEN APPLICABLE.
- D. LEAVE (10) ADDITIONAL RETAIL CEILING TILES, TO MATCH RETAIL CEILING PAINT COLOR, ABOVE THE WORKROOM CEILING AT MANAGER'S DESK FOR FUTURE USE.
- E. PROVIDE GROMMET AT ALL CEILING PENETRATIONS FOR FIXTURES OR SUPPORTS.
- F. HEATING, VENTILATING, AND AIR CONDITIONING (HVAC) SHOWN FOR DESIGN INTENT ONLY. CONTACT PROJECT MANAGER IF CHANGED.
- G. DIFFUSERS AND RETURNS AT BACKBAR IN ACOUSTICAL CEILING TILE TO BE CENTERED IN TILE, PAINTED TO MATCH ADJACENT FINISHES, TYPICAL.
- H. PAINT ALL HVAC DUCTS, HVAC DIFFUSERS, RECESSED SPEAKERS AND LIGHT TRIM RINGS THE SAME COLOR AS CEILING OR SOFFIT. TYPICAL THROUGHOUT RETAIL PORTION OF STORE.
- J. PAINT SUBSTITUTIONS ARE NOT ALLOWED. USE STARBUCKS' NATIONAL ACCOUNT "COLOR CODE" WHEN ORDERING PAINTS. SEE SCHEDULE SHEETS FOR SCHEDULES.
- K. SEE LIGHTING DESIGN PLAN FOR FIXTURE TYPES AND LOCATION DIMENSIONS.

SHEET NOTES

- 1. REFER TO SHEET I-117.1 FOR SOFFIT/CEILING DIMENSIONS.
- 2. REFER TO SHEET I-117.2 FOR LIGHTING DIMENSIONS.
- 3. REFER TO INTERIOR ELEVATIONS FOR PENDANT MOUNTING HEIGHTS AND EXTERIOR ELEVATIONS FOR SIGNAGE MOUNTING HEIGHTS.
- 4. REFER TO INTERIOR ELEVATIONS FOR MENU BOARD SPACING.
- 5. LOCATIONS OF ALL EGRESS LIGHTING FOR REFERENCE ONLY. GC TO VERIFY WITH LOCAL FIRE MARSHALL PRIOR TO INSTALLATION.
- 6. LOCATIONS OF ALL HVAC DUCTWORK AND GRILLES FOR REFERENCE ONLY. REFER TO MECHANICAL PLANS FOR SPECIFICATIONS.
- 7. GC TO COORDINATE SECURITY CAMERA QUANTITIES AND LOCATIONS WITH STARBUCKS CONSTRUCTION MANAGER.
- 8. EXTERIOR SIGNAGE BY SIGNAGE VENDOR TO BE PERMITTED SEPARATELY. NOT INCLUDED IN BUILDING CONTRACT.
- 9. GC TO PAINT ALL HVAC SUPPLY AND RETURN DIFFUSERS TO MATCH SURROUNDING CEILING COLOR.
- 10. SURFACE MOUNTED TRACK LIGHTING. ALIGN TRACK HEADS ABOVE MENU BOARDS / ARTWORK / MERCHANDISE BAYS.
- 11. INSTALL NEW SURFACE MOUNTED SPEAKERS AT MAXIMUM HEIGHT ALLOWABLE PER SPEC SHEETS.
- 12. PAINT GYPSUM BOARD CEILINGS AS INDICATED.
- 13. PAINT RECESSED LIGHTING TRIM TO MATCH CEILING AS CLOSELY AS POSSIBLE.
- 14. CENTER RECESSED CAN LIGHTS ON ACT TILES (WHEN APPLICABLE).
- 15. LOCATION OF ALL SWITCHING.
- 16. LINE OF BULKHEAD ABOVE.
- 17. INSTALL NEW CHANDELIER PENDANT ABOVE COMMUNITY TABLE AS INDICATED. SEE INTERIOR ELEVATIONS FOR MOUNTING HEIGHT.

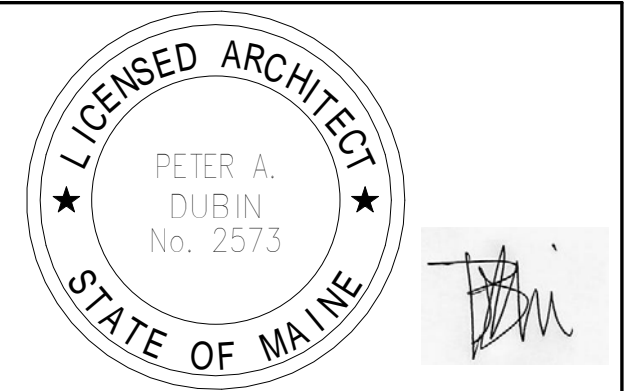


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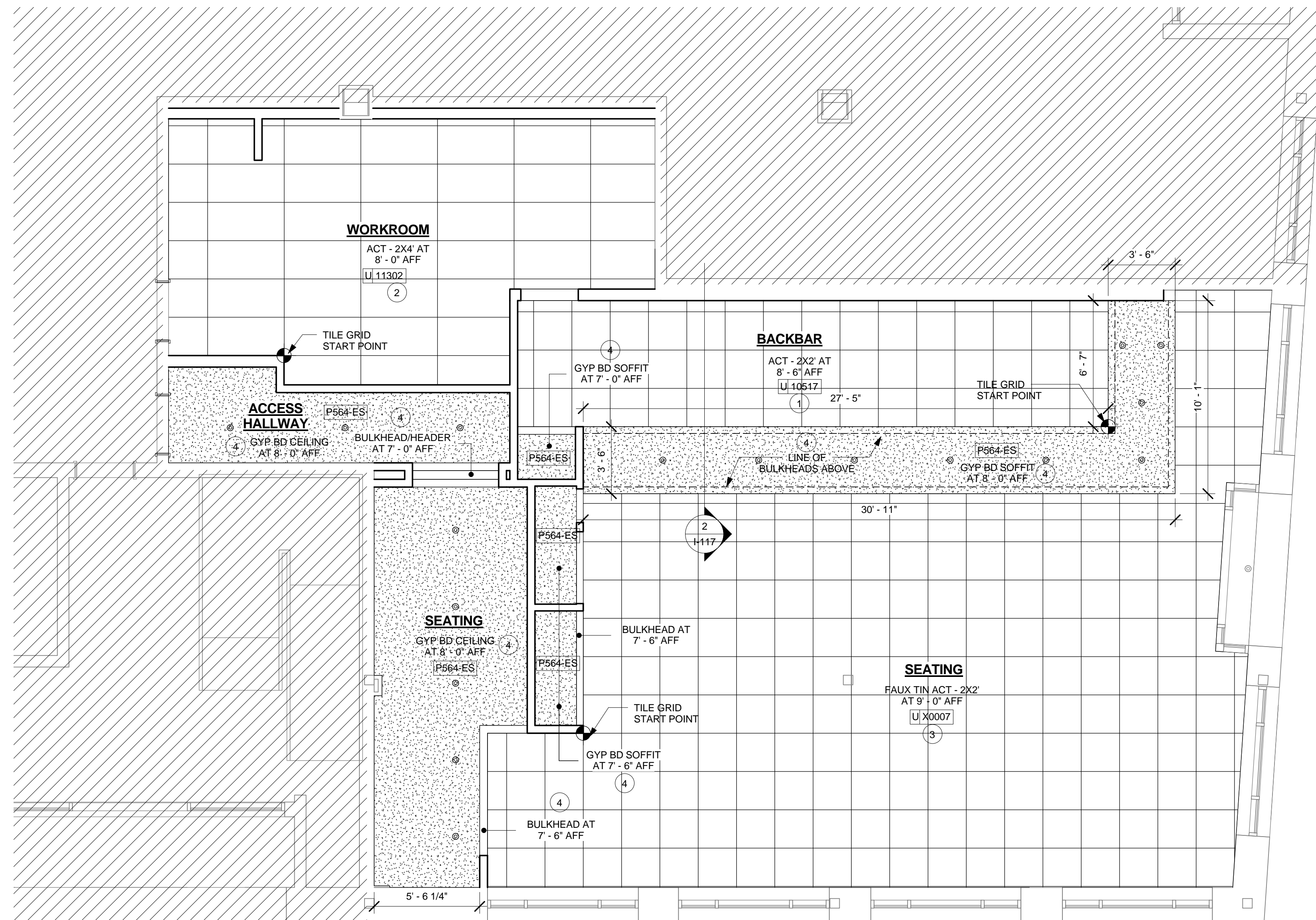
Revision Schedule			
Rev	Date	By	Description

PROJECT NAME: **COMMERCIAL STREET**
PROJECT ADDRESS: **145 COMMERCIAL STREET
PORTLAND, ME 04101
CUMBERLAND COUNTY**

STORE #: 19384
PROJECT #: 58862-001
CONCEPT: MCS
PALETTE: HERITAGE
ISSUE DATE: JAN. 11, 2013
DESIGN MANAGER: E. ZAKAMAREK
LEED® AP:
PRODUCTION DESIGNER: NORR ILLINOIS
CHECKED BY:

SHEET TITLE:
REFLECTED CEILING PLAN
SCALE: As Indicated

SHEET NUMBER:
I-117



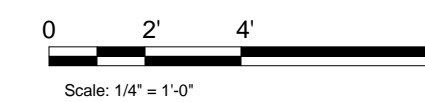
1 DIMENSIONED CEILING PLAN
Scale: 1/4" = 1'-0"

DIMENSIONED CEILING PLAN NOTES

- A. WHERE ACOUSTICAL CEILING MEETS WALL, PROVIDE ANGLE WALL MOULDING FOR REVEAL. MATCH CEILING GRID COLOR WHEN APPLICABLE.
- B. PAINT SUBSTITUTIONS ARE NOT ALLOWED. USE STARBUCKS' NATIONAL ACCOUNT "COLOR CODE" WHEN ORDERING PAINTS. SEE SHEET I-602 FOR PAINT SCHEDULES.

SHEET NOTES

- 1. INSTALL 2X2 VINYL ACT CEILING AT BACKBAR AS INDICATED.
- 2. INSTALL 2X4 VINYL ACT CEILING AT WORKROOM AS INDICATED.
- 3. INSTALL 2X2 FAUX TIN ACT CEILING AT SEATING AS INDICATED.
- 4. CONSTRUCT BULKHEADS AND GYP BOARD SOFFITS AS INDICATED.



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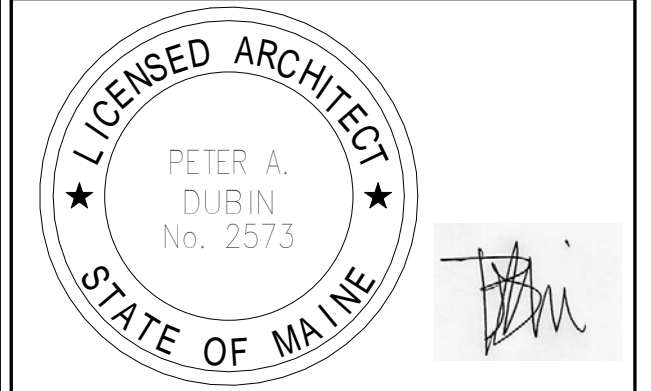
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Revision Schedule			
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PROJECT NAME:
COMMERCIAL STREET

PROJECT ADDRESS:
145 COMMERCIAL STREET
PORTLAND, ME 04101
CUMBERLAND COUNTY

STORE #: 19384
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CONCEPT: MCS
PALETTE: HERITAGE
ISSUE DATE: JAN. 11, 2013
DESIGN MANAGER: E. ZAKAMAREK
LEED® AP:
PRODUCTION DESIGNER: NORR ILLINOIS
CHECKED BY:

SHEET TITLE:
DIMENSIONED CEILING PLAN

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

SHEET NUMBER:
I-117.1

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

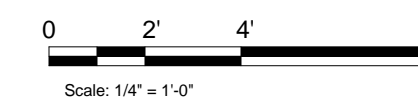


DIMENSIONED LIGHTING PLAN NOTES

- A. ALL FIXTURES IN FOOD PREPARATION AREA SHALL HAVE SHATTERPROOF LAMPS IF THE FIXTURE IS NOT LENSED.
- B. PROVIDE GROMMET AT ALL CEILING PENETRATIONS FOR FIXTURES/SUPPORTS.
- C. ADJUST FOCUS OF ALL TRACK AND RECESSED DIRECTIONAL LIGHTING TO FULLY ILLUMINATE ALL ARTWORK, MENU BOARDS, AND MERCHANDISE BAYS.
- D. IF PENDANT SUSPENDED LENGTH EXCEEDS 48" (1220MM) FROM CEILING, REPLACE WITH SURFACE-MOUNTED PENDANT AND SUSPEND WITH GC-SUPPLIED CONDUIT AND J-BIX TO DIMENSIONED HEIGHT.
- E. CENTER EMERGENCY/EXIT LIGHTS ABOVE DOORS, UON.

SHEET NOTES

- 1. SURFACE-MOUNT TRACK DIRECTLY TO ACT/GYP BOARD.
- 2. SUSPEND WINDOW PENDANT WITH BOTTOM OF FIXTURE AT 5'-6" AFF. CENTER WITHIN WINDOW BAY.
- 3. CENTER RECESSED CAN LIGHTS ON ACT TILES (WHEN APPLICABLE).
- 4. SUSPEND LOGO DISK WITH CENTER OF FIXTURE AT 5'-3" AFF. CENTER DISKS WITHIN WINDOW BAY.
- 5. SEE EXTERIOR ELEVATIONS FOR EXTERIOR SIGNAGE MOUNTING HEIGHTS AND LOCATIONS.

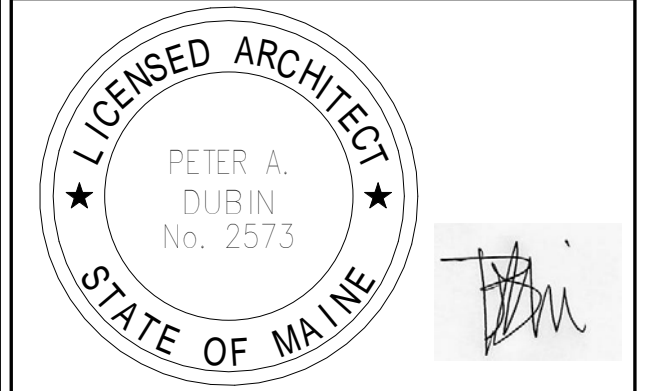


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Revision Schedule			
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CUMBERLAND COUNTY**

STORE #: 19384
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DESIGN MANAGER: E. ZAKAMAREK
LEED® AP:
PRODUCTION DESIGNER: NORR ILLINOIS
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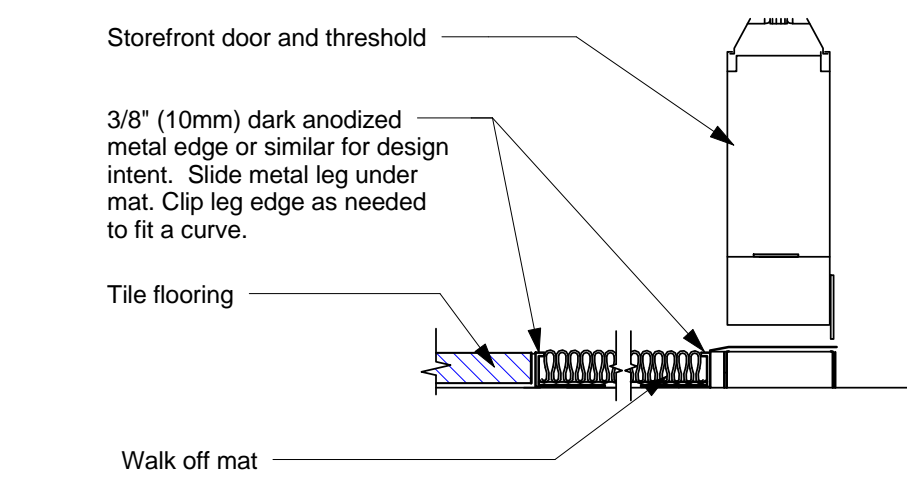
SHEET TITLE:
DIMENSIONED LIGHTING PLAN

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

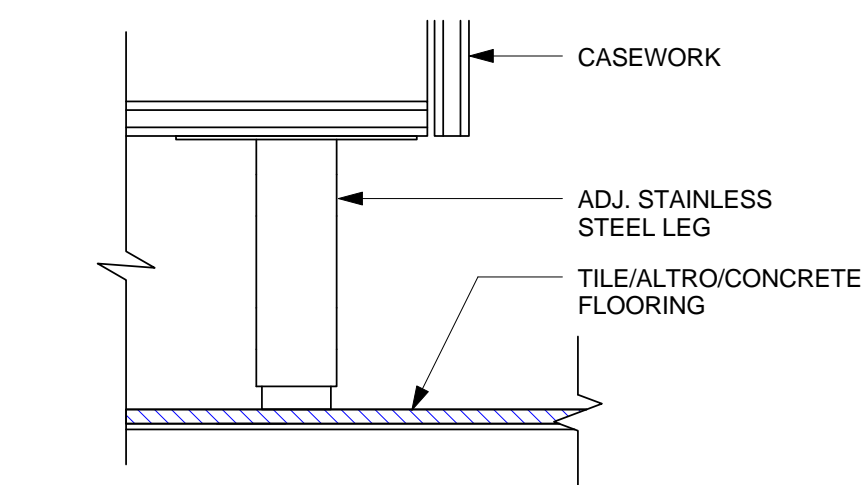
SHEET NUMBER:
1-117.2

- A. All fixtures in food preparation area shall have shatterproof lamps of Record to verify.
- B. Provide grommet fixtures/supports.
- C. Center emergency lights otherwise noted.
- D. Adjust focus of lighting to fully illuminate merchandise bays.
- E. Indicates existing.
- F. If pendant cylinder height exceeds 48" (1220mm) from ceiling, replace with surface-mounted cylinder or other contractor supplied height.

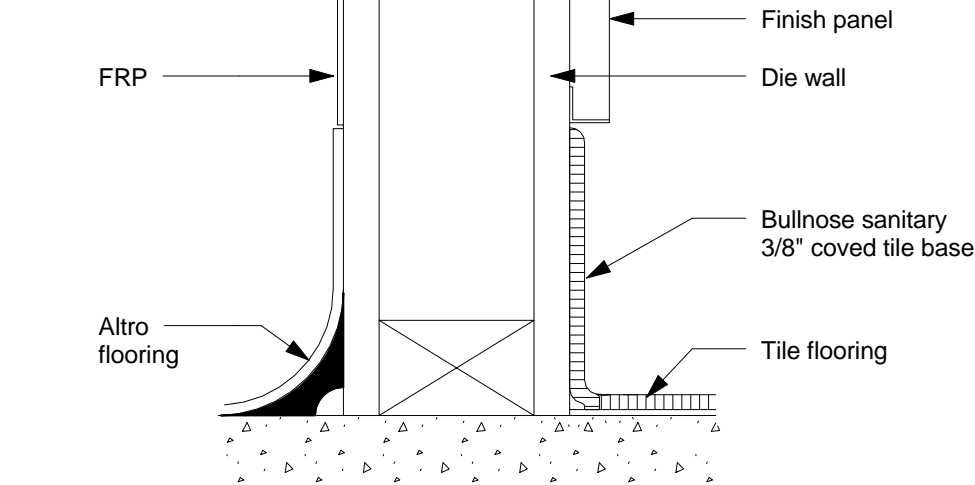
- 1. Surface-mount track directly to act/gyp board.
- 2. Suspend track with bottom of fixture at 5'-6" AFF unless otherwise noted.
- 3. Suspend bottom of fixture at 5'-6" AFF unless otherwise noted.
- 4. Suspend bottom of fixture at 5'-3" AFF unless otherwise noted.
- 5. Suspend bottom of fixture at 5'-6" AFF unless otherwise noted.
- 6. Suspend bottom of fixture at 5'-6" AFF, 7'-0" AFF unless otherwise noted. See interior elevation side tables as indicated.
- 7. GC to relocate existing wall of chill as indicated.
- 8. Suspend bottom of fixture at 5'-6" AFF unless otherwise noted.
- 9. Landlord to install.



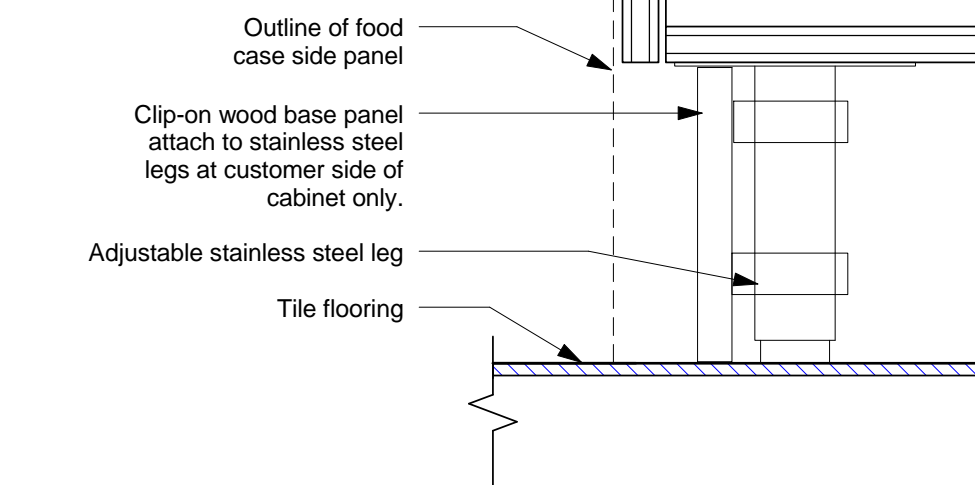
2 Transition - Tile to Walk off Mat
Scale: 3" = 1'-0"



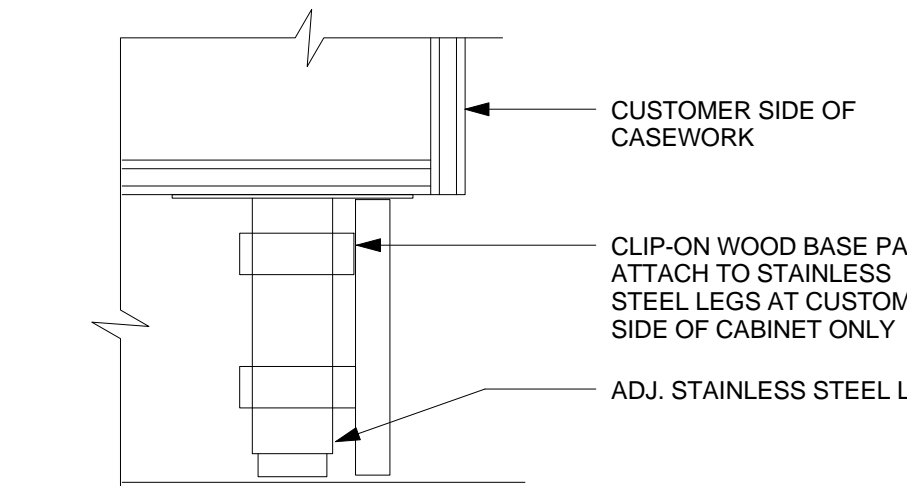
3 STAINLESS STEEL LEG AT CABINET
Scale: 3" = 1'-0"



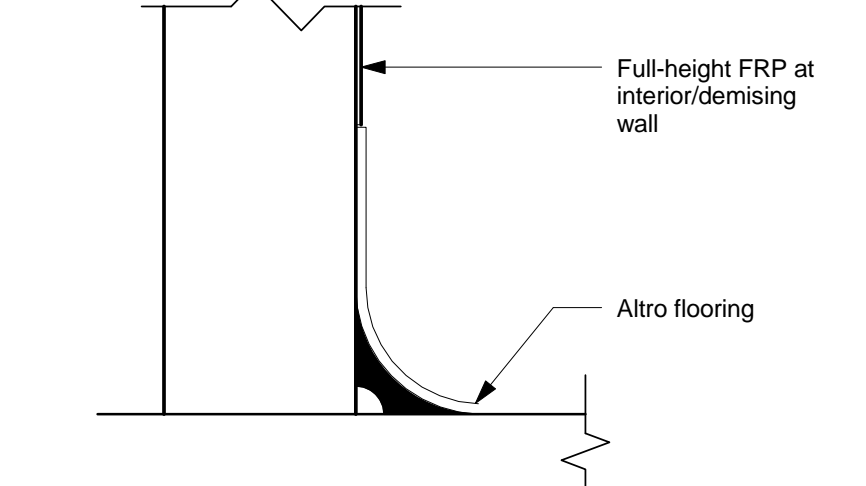
4 Altro Base at Die Wall
Scale: 3" = 1'-0"



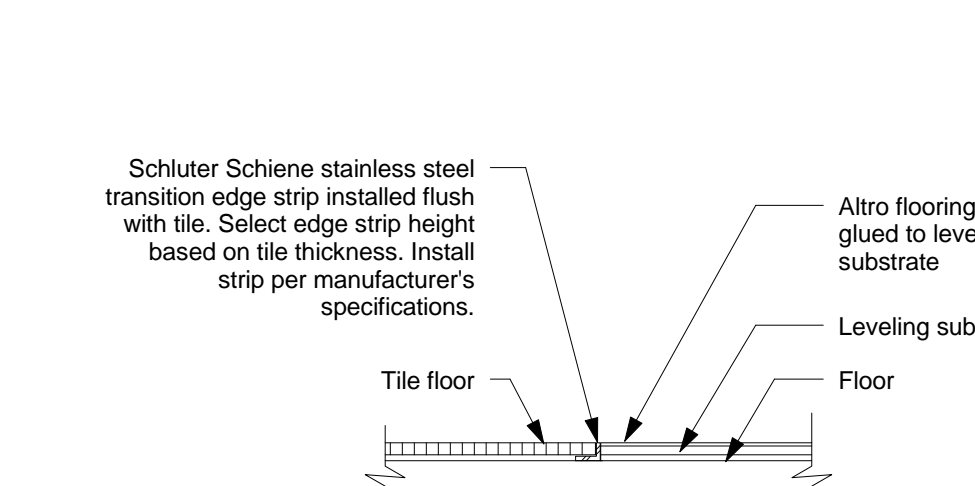
5 Toe Kick at POS - Food Case Adjacent
Scale: 3" = 1'-0"



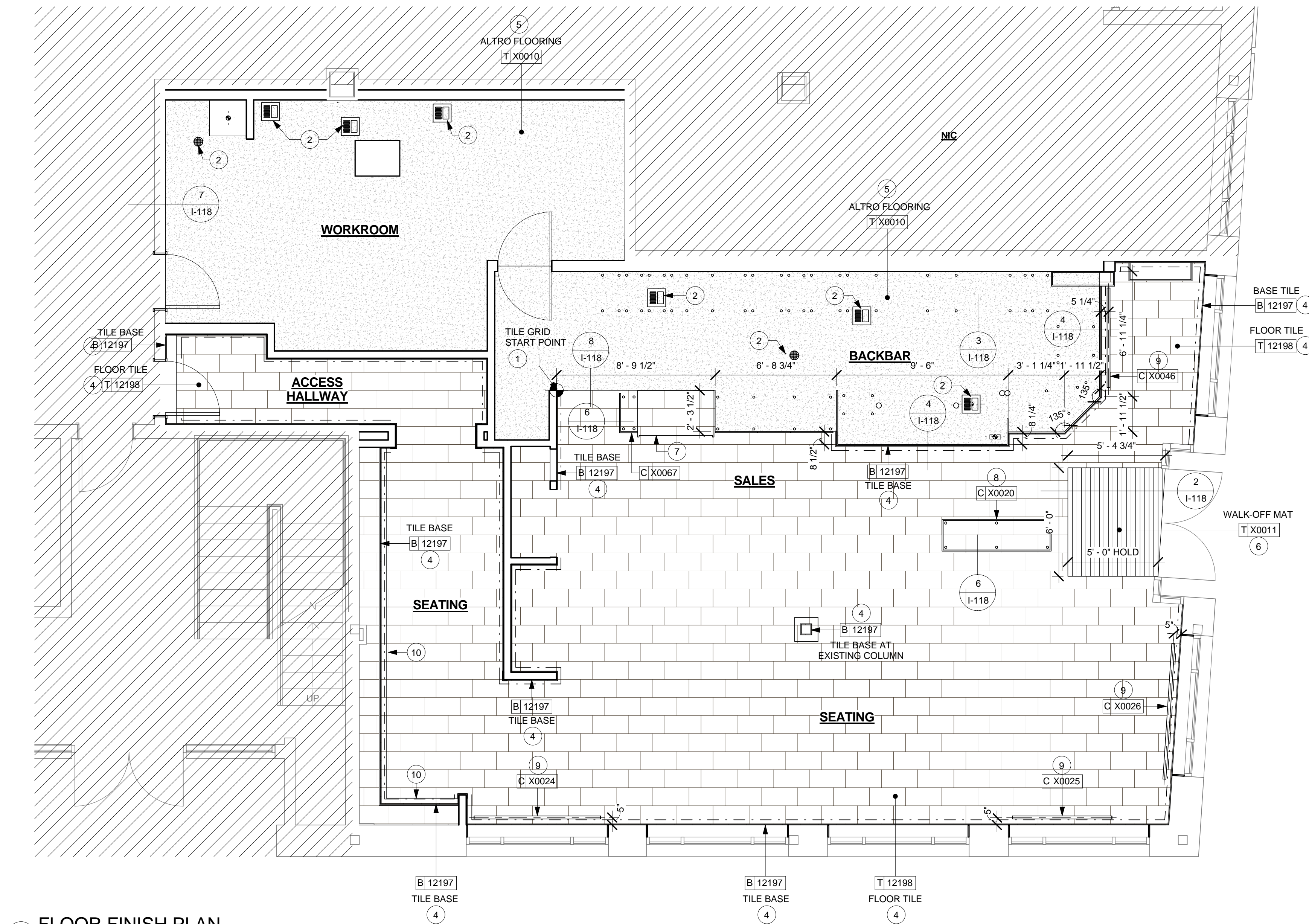
6 CLIP-ON TOE KICK, TYP.
Scale: 3" = 1'-0"



7 Altro at Workroom Wall
Scale: 3" = 1'-0"



8 Tile/Altro Transition
Scale: 3" = 1'-0"



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

FLOOR FINISH PLAN NOTES

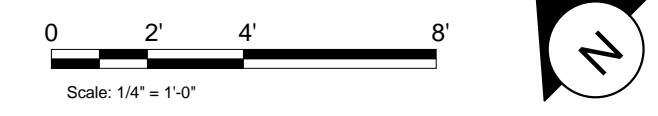
- A. STARBUCKS TO SUPPLY RETAIL FLOOR TILE AND TILE BASE. GENERAL CONTRACTOR TO INSTALL. GENERAL CONTRACTOR TO SUPPLY WORKROOM TILE AND BASE AND INSTALL. GENERAL CONTRACTOR TO SUPPLY AND INSTALL MORTAR, ADHESIVE, AND GROUT. GENERAL CONTRACTOR TO INSPECT ALL TILES AND REJECT DAMAGED OR SUBSTANDARD TILES PRIOR TO INSTALLATION.
- B. ALL TILE AND SLATE TO BE INSTALLED PER TILE COUNCIL OF AMERICA STANDARDS.
- C. ALL FLOORING AND BASE MATERIAL TO BE INSTALLED ACCORDING TO STARBUCKS SPECIFICATIONS.
- D. CABINET BASES TO BE SET AFTER TILE INSTALLATION.
- E. ALIGN TILE TRANSITIONS ON WHOLE TILES AS SHOWN.

SHEET NOTES

- 1. TILE START POINTS WHERE INDICATED.
- 2. FLOOR SINK/FLOOR DRAIN LOCATION.
- 3. ALIGN TILE TRANSITION WITH FACE OF WALL/SURFACE.
- 4. INSTALL FLOOR TILE AND BASE AT SEATING AND ACCESS HALLWAY AS INDICATED.
- 5. INSTALL ALTRO FLOORING AT BACKBAR AND WORKROOM AS INDICATED.
- 6. INSTALL WALK OFF MAT AT ENTRY AS INDICATED. HOLD 6IN MIN CLEARANCE BETWEEN WALK OFF MAT AND WALL/GLAZING AS INDICATED. INSTALL FLUSH WITH TILE PER MANUFACTURER'S SPECIFICATIONS.
- 7. PASTRY CASE FOOTPRINT.
- 8. INSTALL TOE KICK AT CUSTOM CONDIMENT CART AS INDICATED.
- 9. INSTALL FOOT RAILS AS INDICATED.
- 10. BANQUETTE FOOTPRINT.

FLOOR FINISH LEGEND

- TILE - RUST BROWN - 12X24IN ID: 12198
- ALTRO FLOORING ID: X0010
- WALK-OFF MAT ID: X0011
- TILE BASE - RUST BROWN - 6X12IN ID: 12197

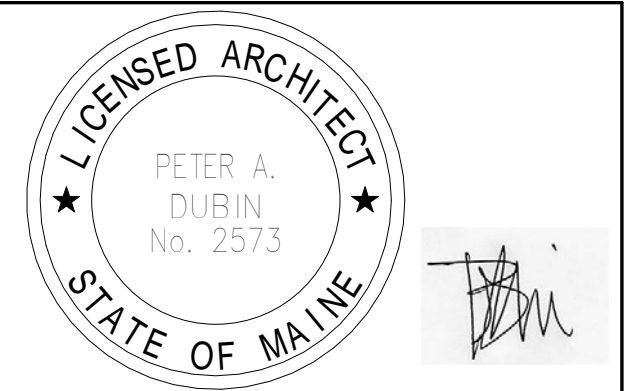


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Revision Schedule			
Rev	Date	By	Description

PROJECT NAME:
COMMERCIAL STREET
PROJECT ADDRESS:
**145 COMMERCIAL STREET
PORTLAND, ME 04101
CUMBERLAND COUNTY**

STORE #: 19384
PROJECT #: 58862-001
CONCEPT: MCS
PALETTE: HERITAGE
ISSUE DATE: JAN. 11, 2013
DESIGN MANAGER: E. ZAKAMAREK
LEED® AP:
PRODUCTION DESIGNER: NORR ILLINOIS
CHECKED BY:

SHEET TITLE:
FLOOR FINISH PLAN

SCALE: As indicated

SHEET NUMBER:
I-118



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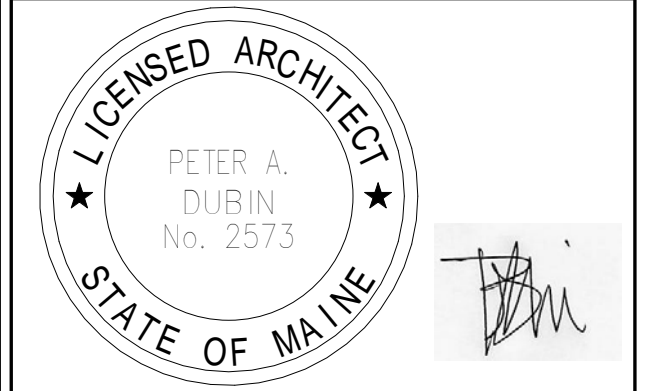
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STORE #: 19384
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 ISSUE DATE: JAN. 11, 2013
 DESIGN MANAGER: E. ZAKAMAREK
 LEED® AP:
 PRODUCTION DESIGNER: NORR ILLINOIS
 CHECKED BY:

SHEET TITLE:
WALL FINISH PLAN

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

SHEET NUMBER:
I-119

WALL FINISH PLAN NOTES

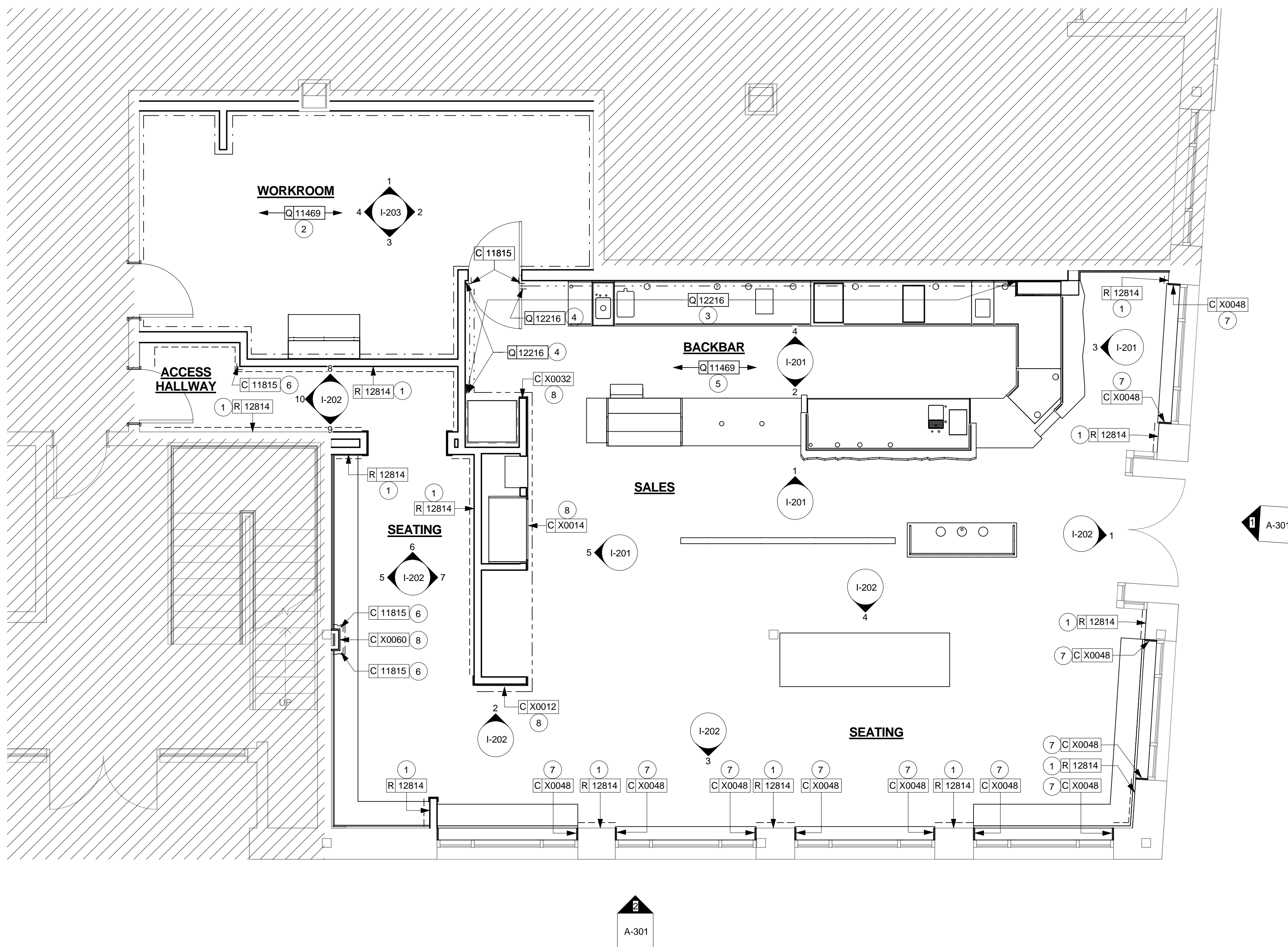
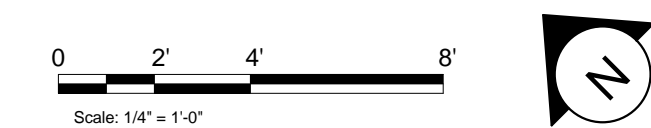
- A. WORKROOM TO BE FINISHED PER LOCAL CODE REQUIREMENTS.
- B. INSTALL CLEAR CORNER GUARDS AS INDICATED. MOUNT AT 6" (150MM) AFF. BACK-PAINT WITH CORRESPONDING WALL COLOR. ADHERE WITH CLEAR SILICONE ADHESIVE AND #6 STAINLESS STEEL OVAL HEAD SCREWS 3" (75MM) FROM ENDS, 12" (305MM) ON CENTER. OFFSET SCREWS ON EITHER SIDE BY 1/2" (10MM) VERTICALLY. CUT CORNER GUARDS TO FIT BELOW CHAIR RAIL AT APPLICABLE LOCATIONS. DO NOT INSTALL CORNER GUARDS ABOVE CHAIR RAIL.
- C. INSTALL METAL CORNER GUARDS AS INDICATED. MOUNT AT 6" (150MM) AFF. AFFIX WITH #6 STAINLESS STEEL OVAL HEAD SCREWS 3" (75MM) FROM ENDS, 12" (305MM) ON CENTER OFFSET SCREWS ON EITHER SIDE BY 1/2" (10MM) VERTICALLY. TO BE INSTALLED IN BACK OF HOUSE ONLY.
- D. CHANGE OF PAINT COLOR ALLOWED AT INSIDE CORNERS ONLY.
- E. REFER TO INTERIOR ELEVATIONS FOR GRAPHICS LOCATIONS.
- F. REFER TO CASEWORK FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
- G. GENERAL CONTRACTOR TO PROVIDE AND INSTALL WORKROOM WALL FINISHES.

SHEET NOTES

- 1. INSTALL VINYL WAINSCOT AS INDICATED. SEE INTERIOR ELEVATIONS FOR INSTALLATION HEIGHT.
- 2. INSTALL FULL HEIGHT FRP AT WORKROOM WALLS AS INDICATED.
- 3. GC TO INSTALL BACKBAR WALL TILE AS INDICATED ON INTERIOR ELEVATIONS. BACKBAR TILE TO RUN BEHIND WARMING OVEN TO TOP OF BASE TILE.
- 4. INSTALL 2IN WOOD TRIM AT HORIZONTAL WALL TILE TERMINATIONS AS INDICATED ON INTERIOR ELEVATIONS. REFER TO SHEET I-116.1 FOR LOCATIONS.
- 5. INSTALL FRP AT WALLS BELOW BACKBAR COUNTERTOPS AS INDICATED.
- 6. INSTALL HOT-ROLLED STEEL CORNER GUARDS AS INDICATED. SEE INTERIOR ELEVATIONS FOR LENGTHS REQUIRED.
- 7. INSTALL WOOD PANELING AT WINDOW OPENING SIDES AS INDICATED. SEE INTERIOR ELEVATIONS FOR CLARIFICATION.
- 8. INSTALL FULL-HEIGHT WOOD CLADDING PANELS AS INDICATED. SEE INTERIOR ELEVATIONS FOR CLARIFICATION.
- 9. REFER TO SHEETS I-506 & I-507 FOR WALL FINISH DETAILS.
- 10. PROVIDE FIRE TREATED WOOD BLOCKING AS REQUIRED TO SUPPORT ANY WALL ATTACHMENTS

WALL TREATMENT LEGEND

- INDICATES WAINSCOT
- INDICATES FRP PANELING
- INDICATES BACKBAR WALL TILE
- INDICATES 2IN WOOD TRIM
- INDICATES WOOD WALL CLADDING
- ┌┐ INDICATES WAINSCOT VERTICAL TRIM AND/OR CORNER GUARD



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

- 1. INSTALL FIBER AS INDICATED. SEE INSTALLATION HEIGHT.
- 2. INSTALL CUSTOMER BELOW CUSTOMER INDICATED. SEE CLARIFICATION.
- 3. INSTALL FULL HEIGHT AS INDICATED.
- 4. GC TO INSTALL ON INTERIOR ELEVATIONS. REFER TO SHEET I-116.1 FOR LOCATIONS.
- 5. INSTALL 2IN WOOD TRIM AT HORIZONTAL WALL TILE TERMINATIONS AS INDICATED ON INTERIOR ELEVATIONS. REFER TO SHEET I-116.1 FOR LOCATIONS.
- 6. PROVIDE FIRE TREATED WOOD BLOCKING AS REQUIRED TO SUPPORT ANY WALL ATTACHMENTS
- 7. INSTALL HOT-ROLLED STEEL CORNERS OF FIBER AS INDICATED.
- 8. INSTALL FULL-HEIGHT WOOD CLADDING PANELS AS INDICATED. SEE INTERIOR ELEVATIONS FOR CLARIFICATION.
- 9. HORIZONTAL WOOD CLADDING PANELS TO RETURN TO WINDOW SILL (TYP).
- 10. BACKBAR WALL TO MILLIONS WITH WOOD BLOCKING AS INDICATED.
- 11. REFER TO SHEET I-116.1 FOR DETAILS.



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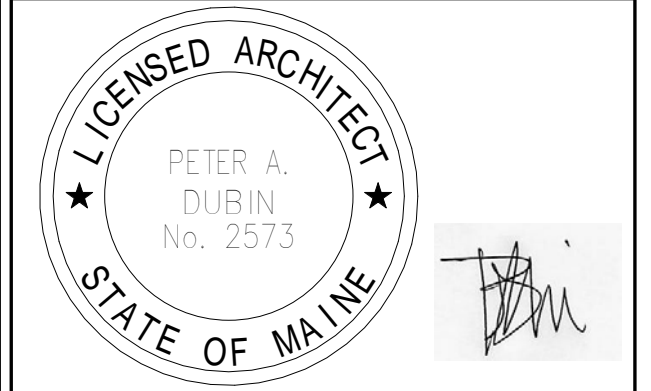
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STORE #: 19384
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 LEED® AP:
 PRODUCTION DESIGNER: NORR ILLINOIS
 CHECKED BY:

SHEET TITLE:
INTERIOR ELEVATIONS

SCALE: As indicated

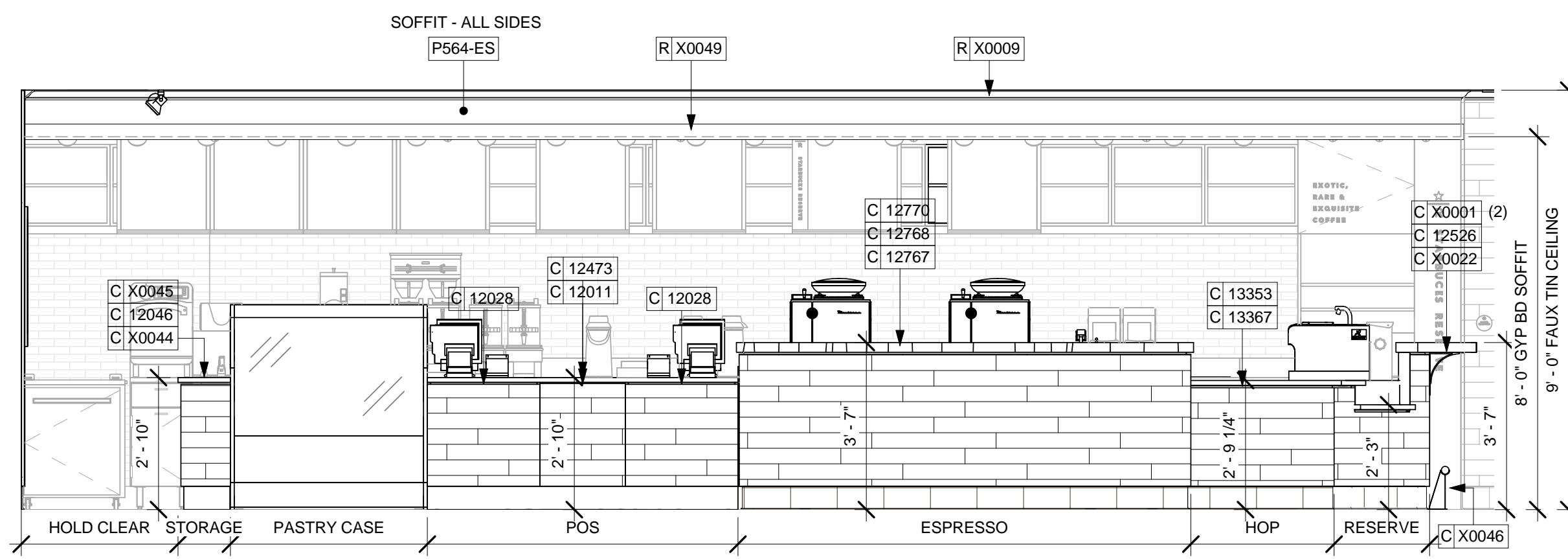
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SHEET NOTES

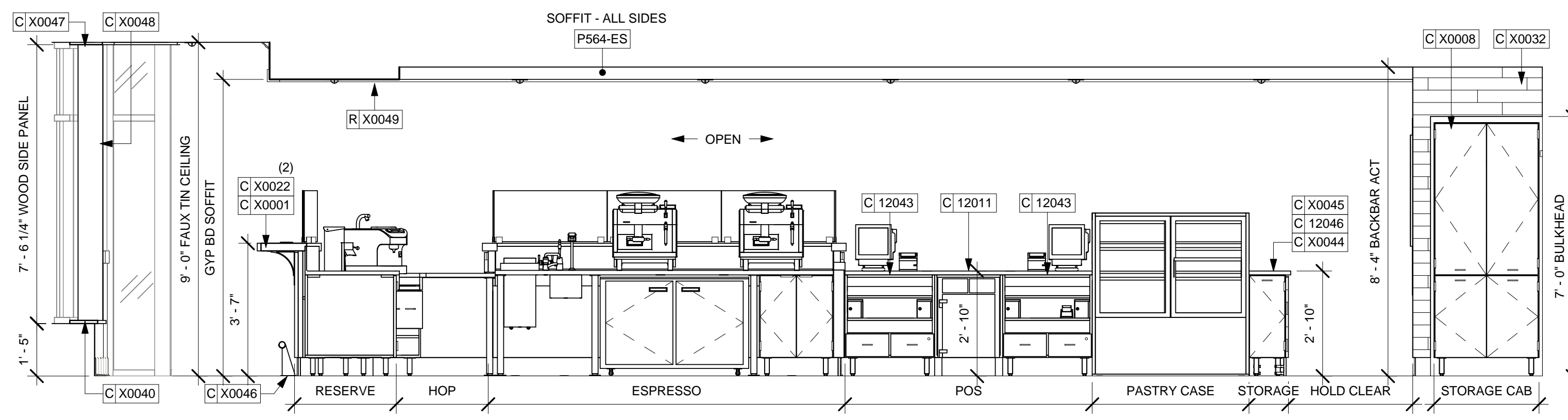
- ATTACH MENU HINGE TO TOP OF CABINET TO ALLOW ACCESS TO CABINET SHELVES BEHIND, TYPICAL.
- APPLY FRP TO ALL SIDES OF CHASE INTERIOR BEHIND CUBBIE.
- CUP DISPENSER(S) MOUNTING ORDER FROM LEFT TO RIGHT:
 - SHORT HOT
 - TALL HOT
 - GRANDE/VENTI HOT
 - GRANDE/VENTI HOT
- BACKBAR WALL TILE RUNS BEHIND WARMING STATION.

INTERIOR ELEVATION NOTES

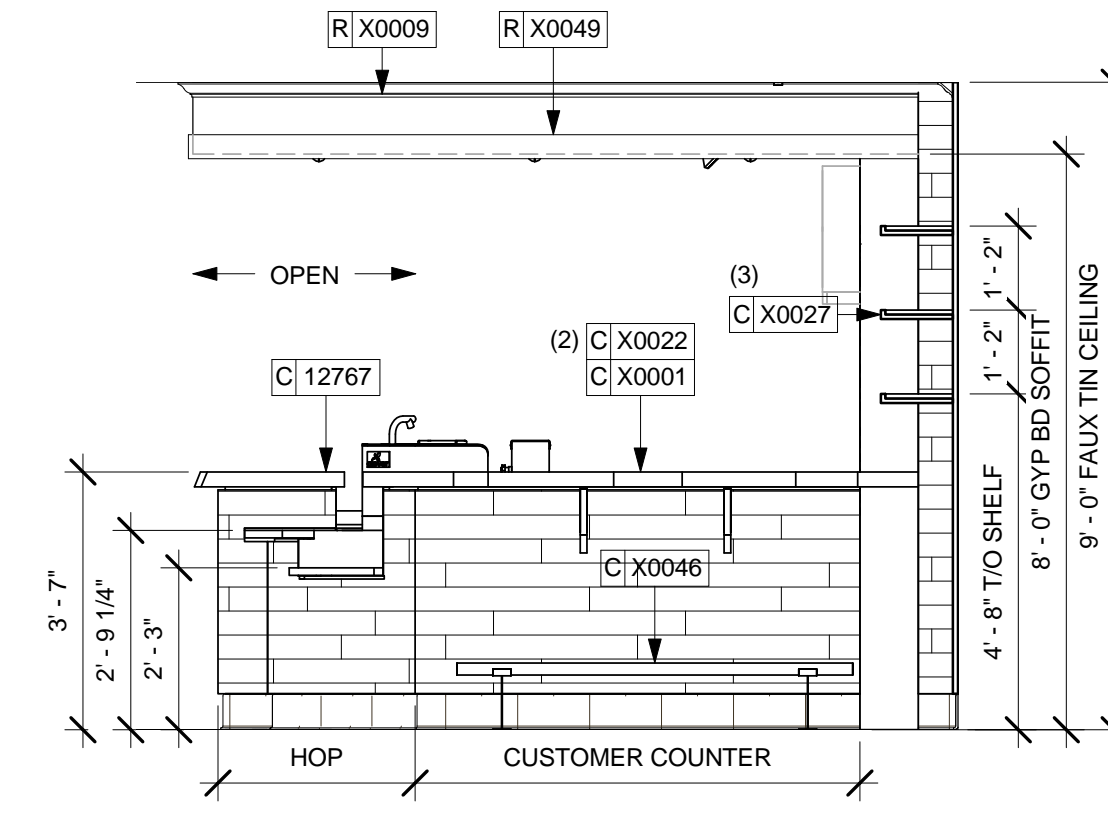
- A. REFER TO MANUFACTURERS' INSTRUCTIONS SHIPPED WITH ARTWORK FOR INSTALLATION INSTRUCTIONS AND SPACING.
- B. INSTALL WALL CABINETS BEFORE BACKBAR WALL TILE. RUN BACKBAR WALL TILE TO UNDERSIDE OF WALL CABINETS, NOT BEHIND CABINETS.
- C. PAINT SUBSTITUTIONS ARE NOT ALLOWED. USE STARBUCKS' NATIONAL ACCOUNT "COLOR CODE" WHEN ORDERING PAINTS.
- D. PAINT FINISHES SHALL BE APPLIED AS FOLLOWS, UNLESS OTHERWISE NOTED:
 - ALL WOOD AND METAL SURFACES SHALL BE PAINTED SEMIGLOSS, OR EQUAL.
 - ALL ACCENT AND TRIM PAINT TO BE SEMIGLOSS, OR EQUAL.
 - ALL WALL AND CEILING PAINTS TO BE EGGSHELL, OR EQUAL.
- E. FOR PAINT, WALL TREATMENT, AND GRAPHICS SCHEDULES, REFER TO SCHEDULE SHEETS.



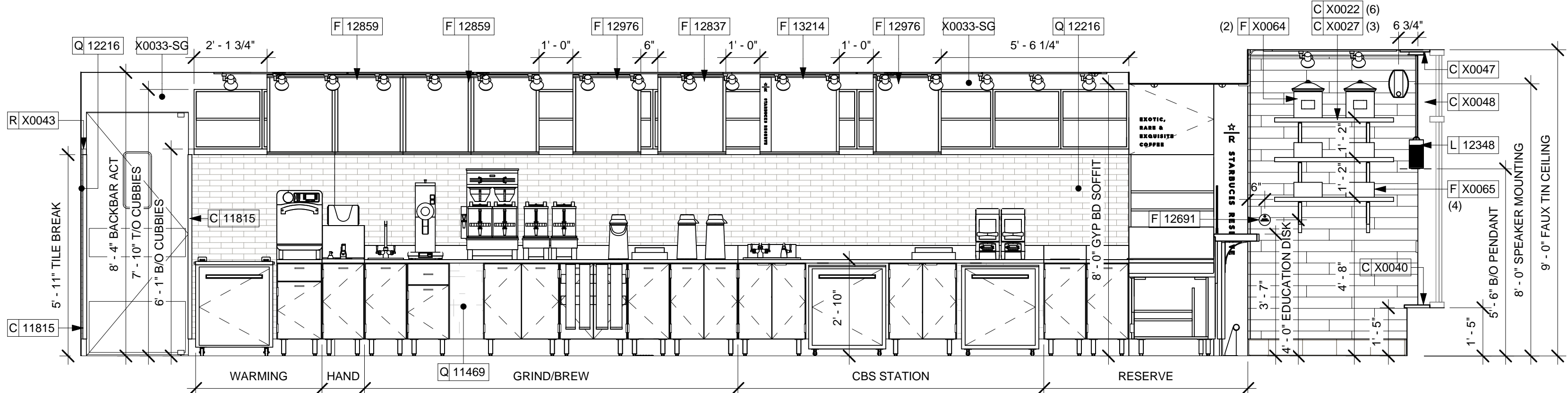
1 FRONTBAR (CUSTOMER SIDE)
 Scale: 3/8" = 1'-0"



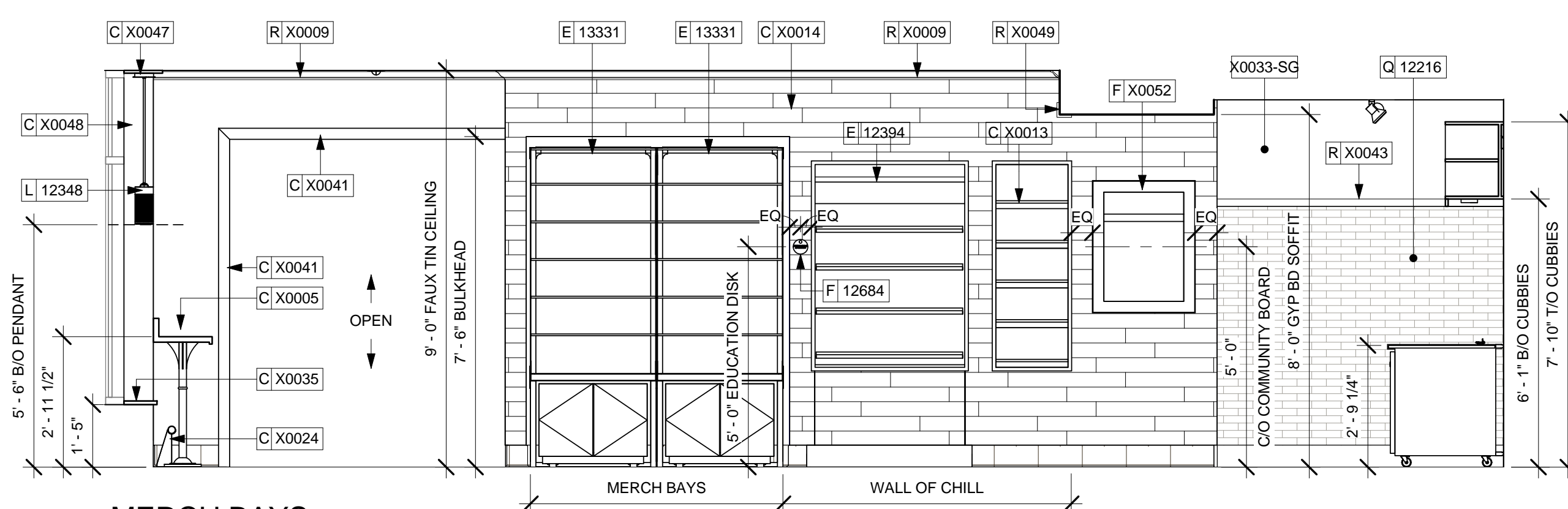
2 FRONTBAR (PARTNER SIDE)
 Scale: 3/8" = 1'-0"



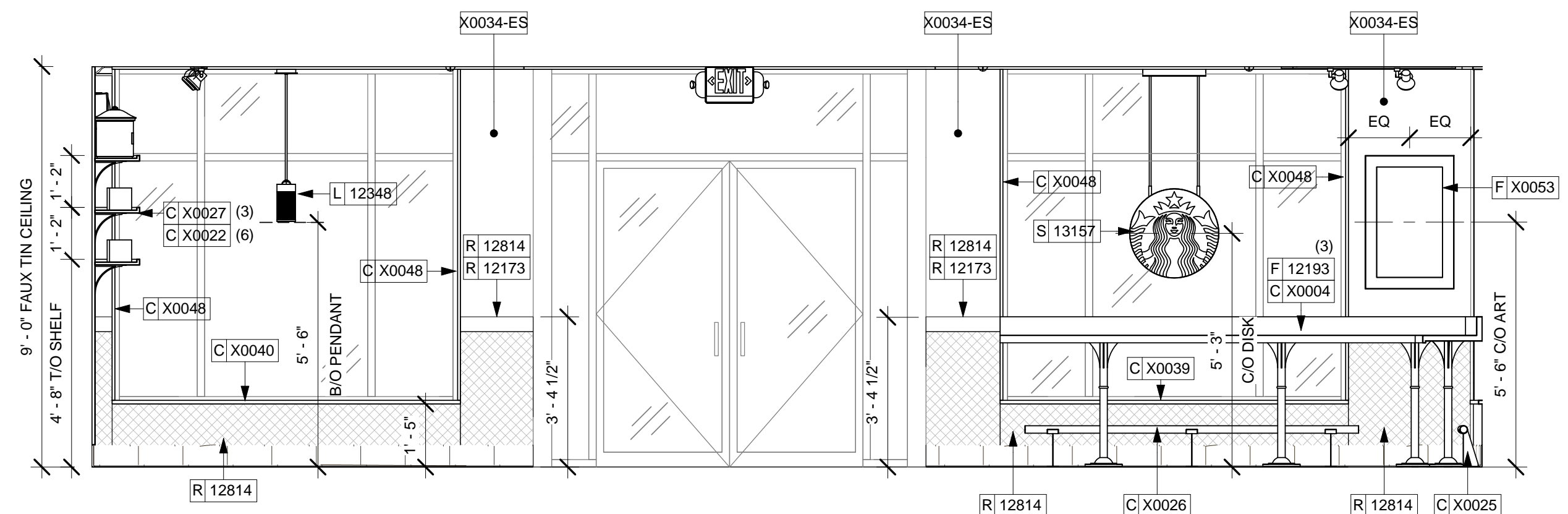
3 CUSTOMER COUNTER
 Scale: 3/8" = 1'-0"



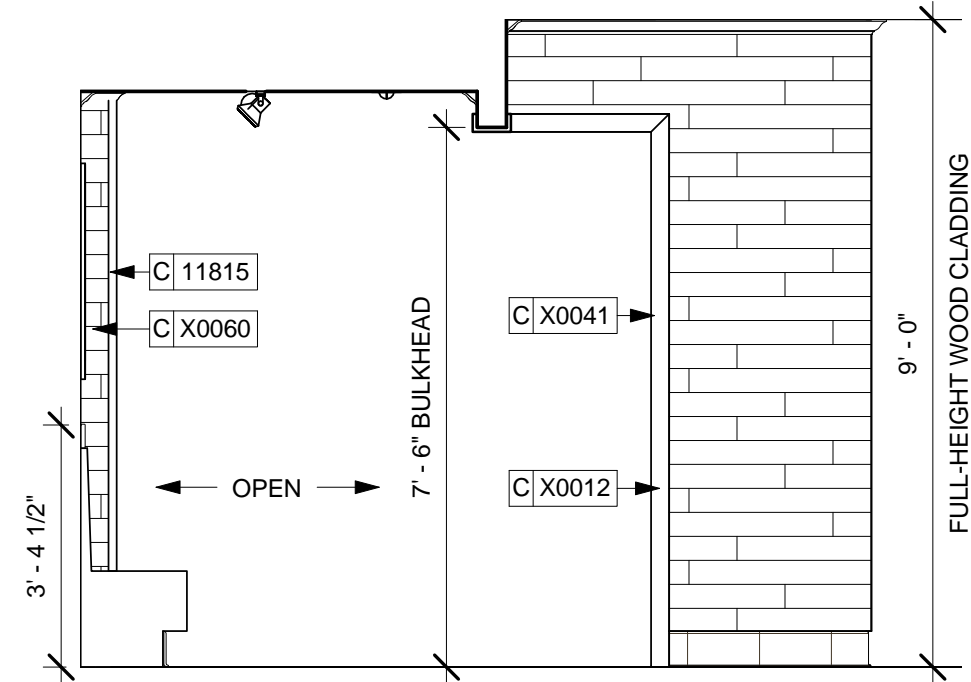
4 BACKBAR
 Scale: 3/8" = 1'-0"



5 MERCH BAYS
 Scale: 3/8" = 1'-0"



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



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

SHEET NOTES

1. ATTACH MENU HINGE TO TOP OF CABINET TO ALLOW ACCESS TO CABINET SHELVES BEHIND, TYPICAL.
2. APPLY FRP TO ALL SIDES OF CHASE INTERIOR BEHIND CUBBIE.
3. CUP DISPENSER(S) MOUNTING ORDER FROM LEFT TO RIGHT:
 - SHORT HOT
 - TALL HOT
 - GRANDE/VENTI HOT
 - GRANDE/VENTI HOT
4. BACKBAR WALL TILE RUNS BEHIND WARMING STATION.

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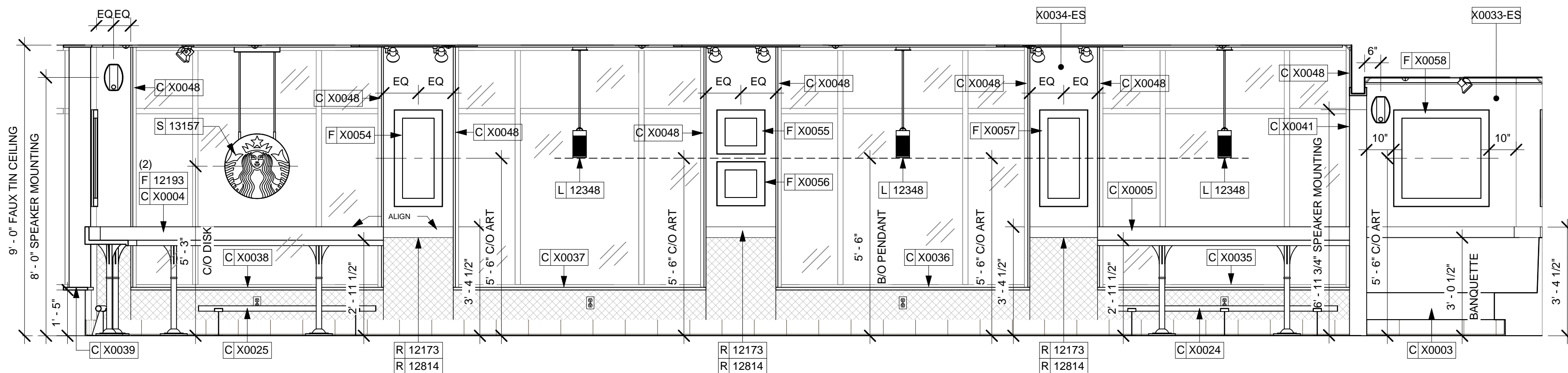
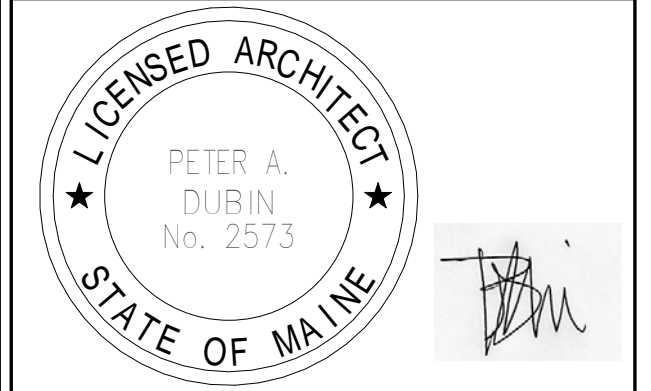
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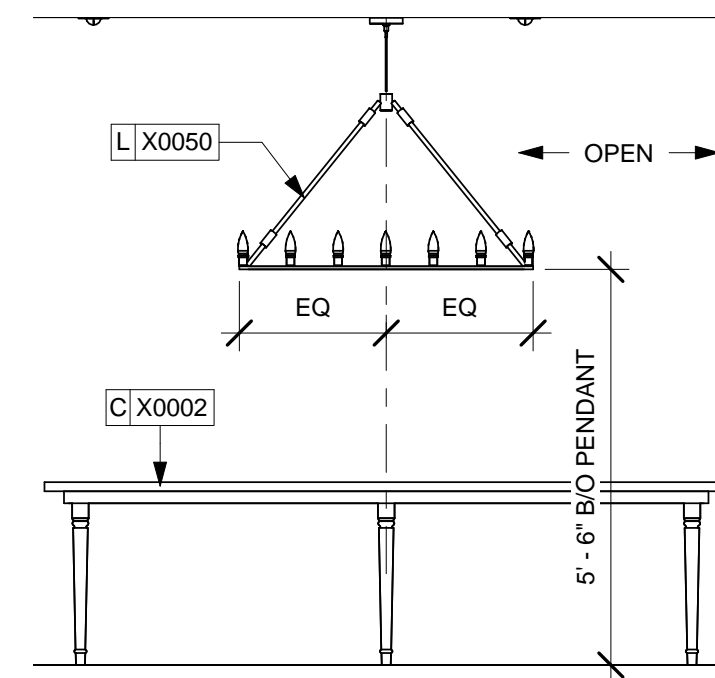
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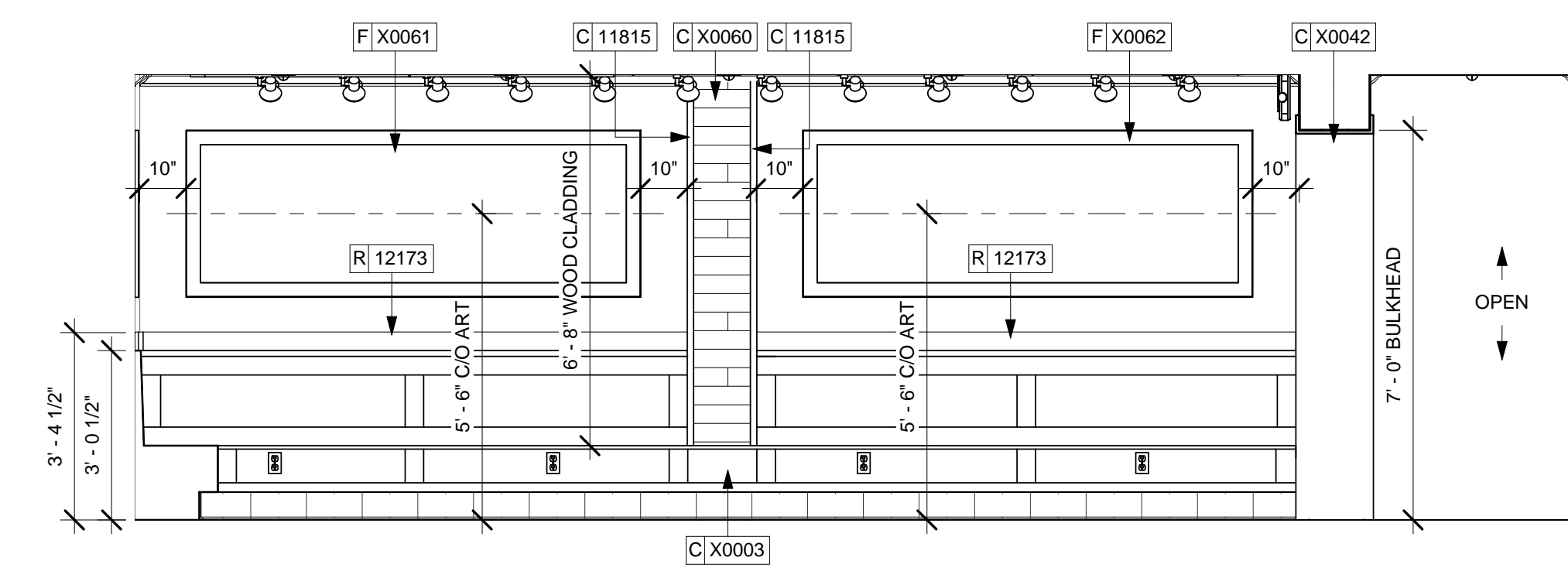
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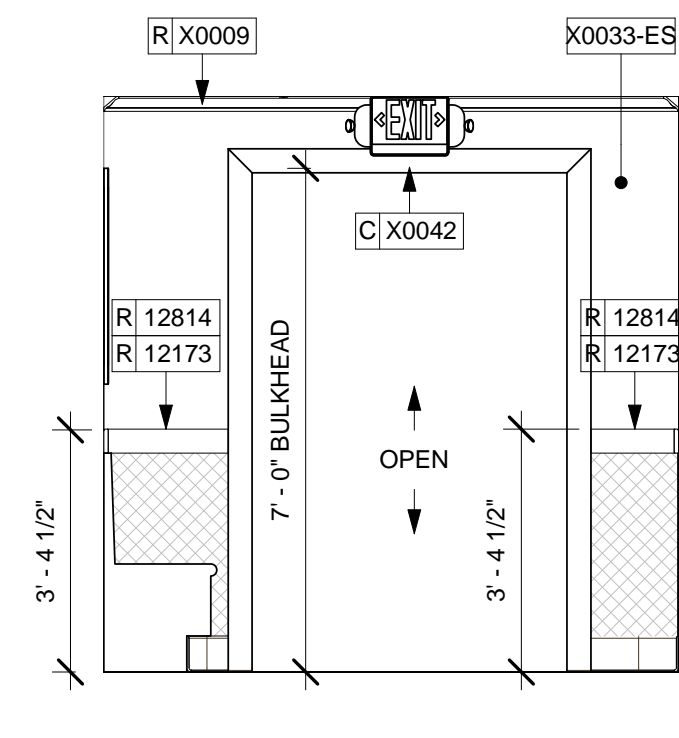
3 STOREFRONT
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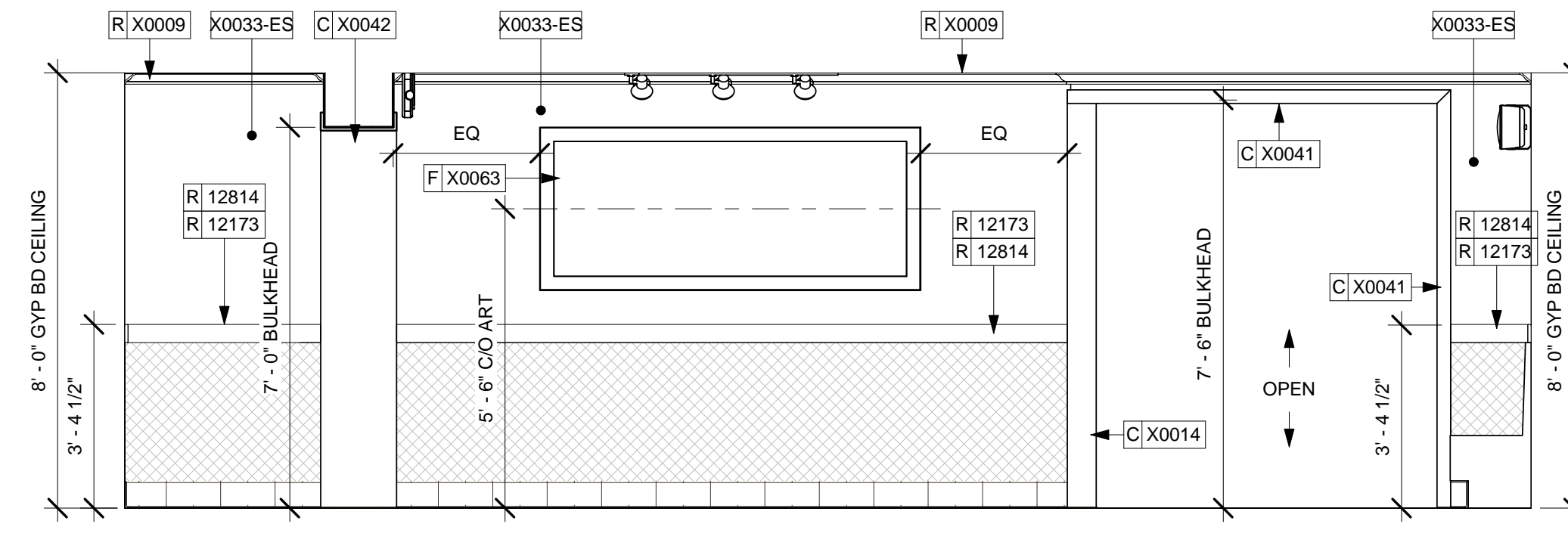
4 COMMUNITY TABLE
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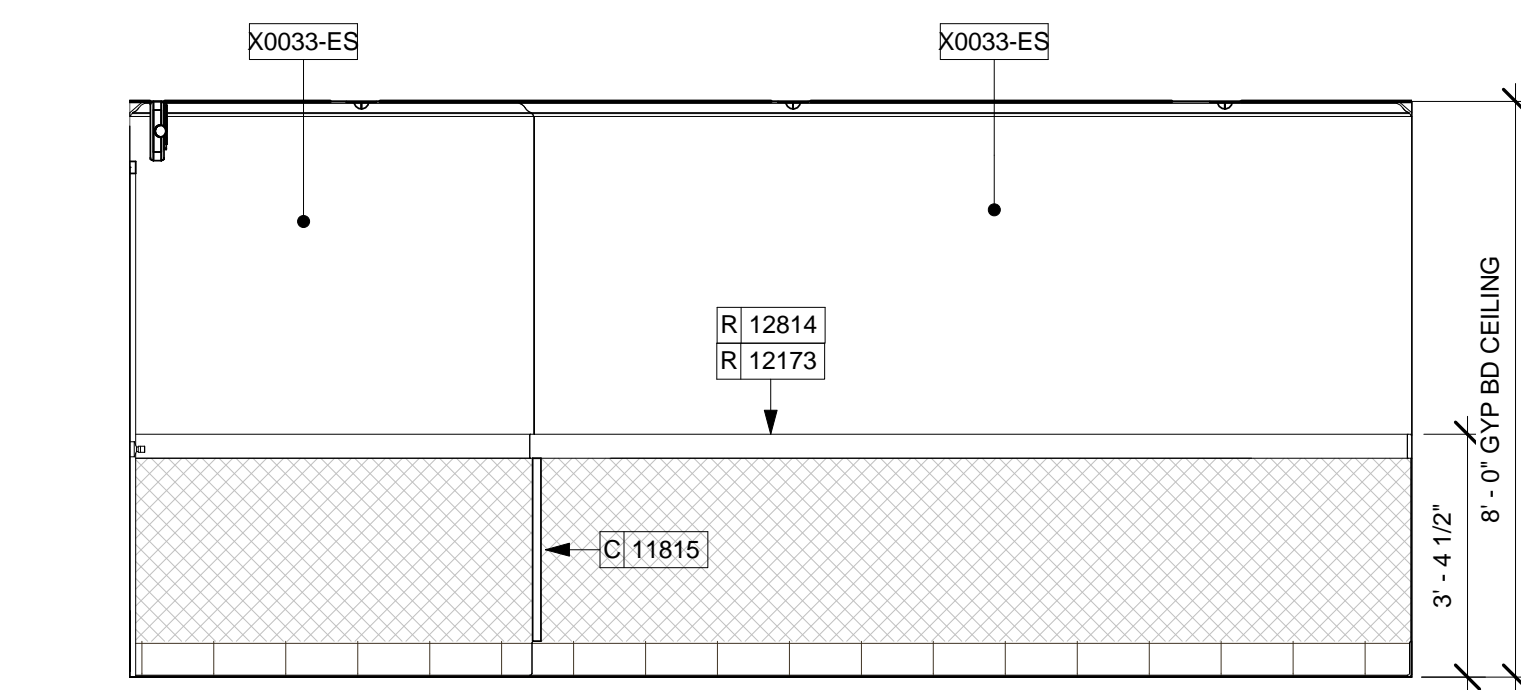
5 BANQUETTE
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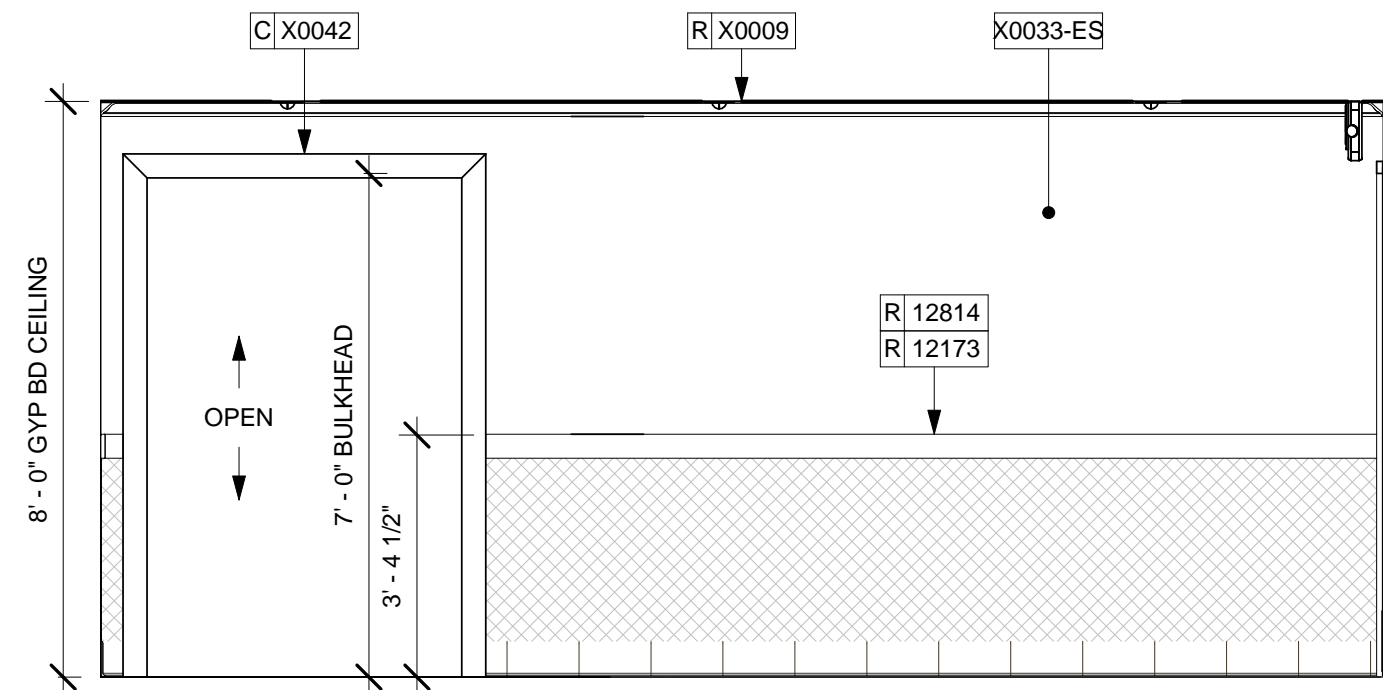
6 BANQUETTE 2
Scale: 3/8" = 1'-0"



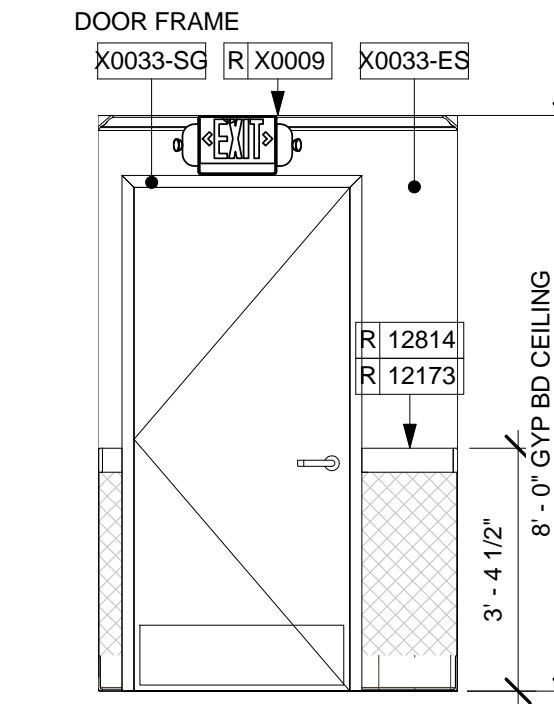
7 ARTWORK WALL
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8 ACCESS HALL 1
Scale: 3/8" = 1'-0"



9 ACCESS HALL 2
Scale: 3/8" = 1'-0"



10 ACCESS HALL 3
Scale: 3/8" = 1'-0"

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SHEET TITLE:
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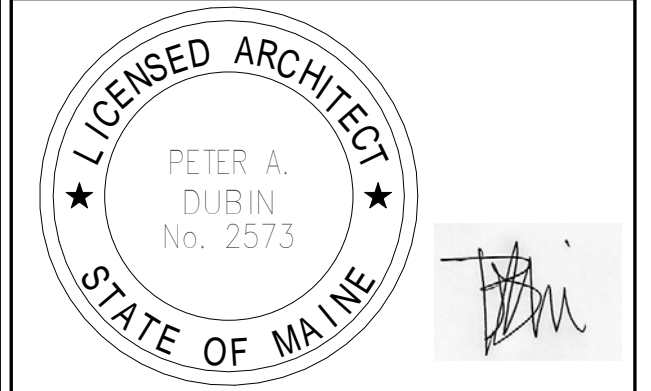
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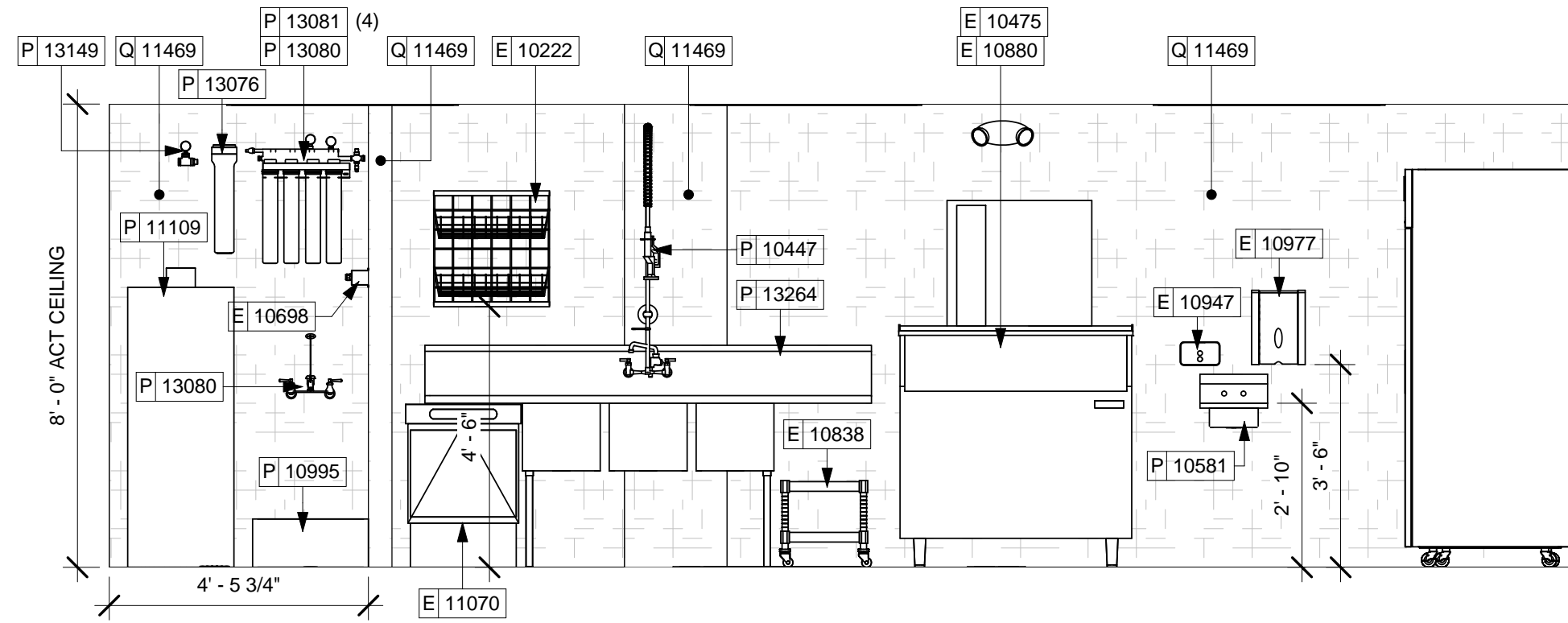
SHEET NUMBER:
I-203

SHEET NOTES

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- BACKBAR WALL TILE RUNS BEHIND WARMING STATION.

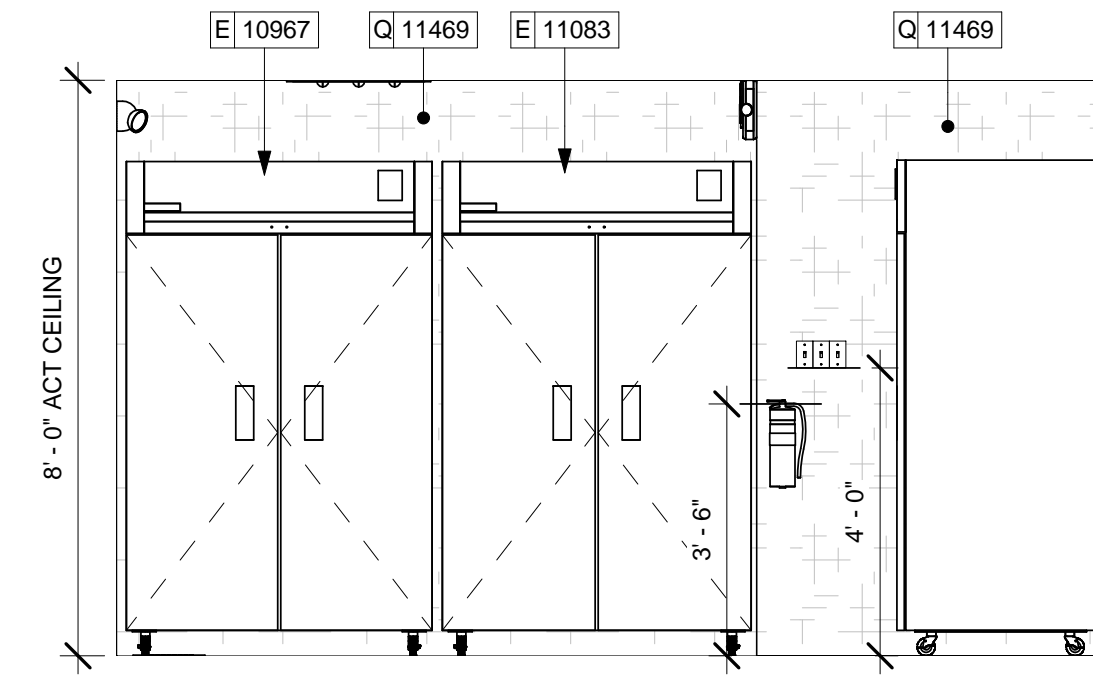
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 - ALL WALL AND CEILING PAINTS TO BE EGGSHELL, OR EQUAL.
- E. FOR PAINT, WALL TREATMENT, AND GRAPHICS SCHEDULES, REFER TO SCHEDULE SHEETS.



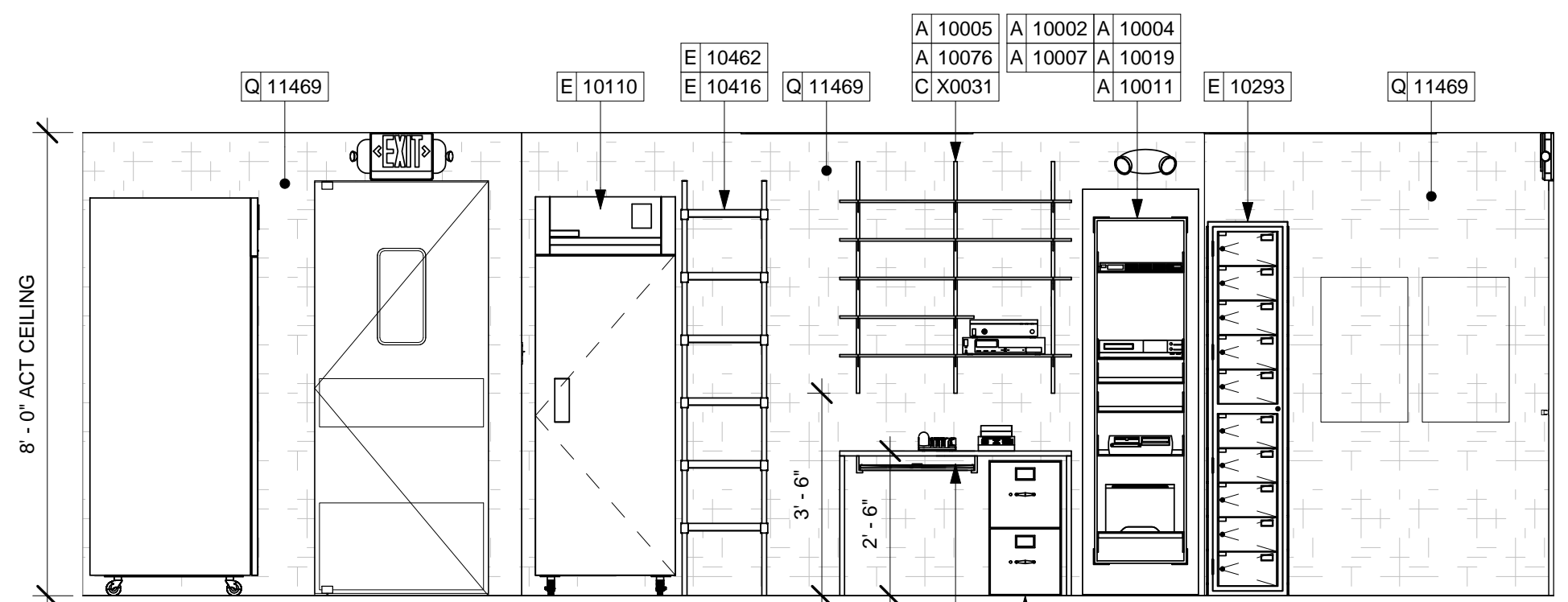
1 WORKROOM - 3 COMP

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



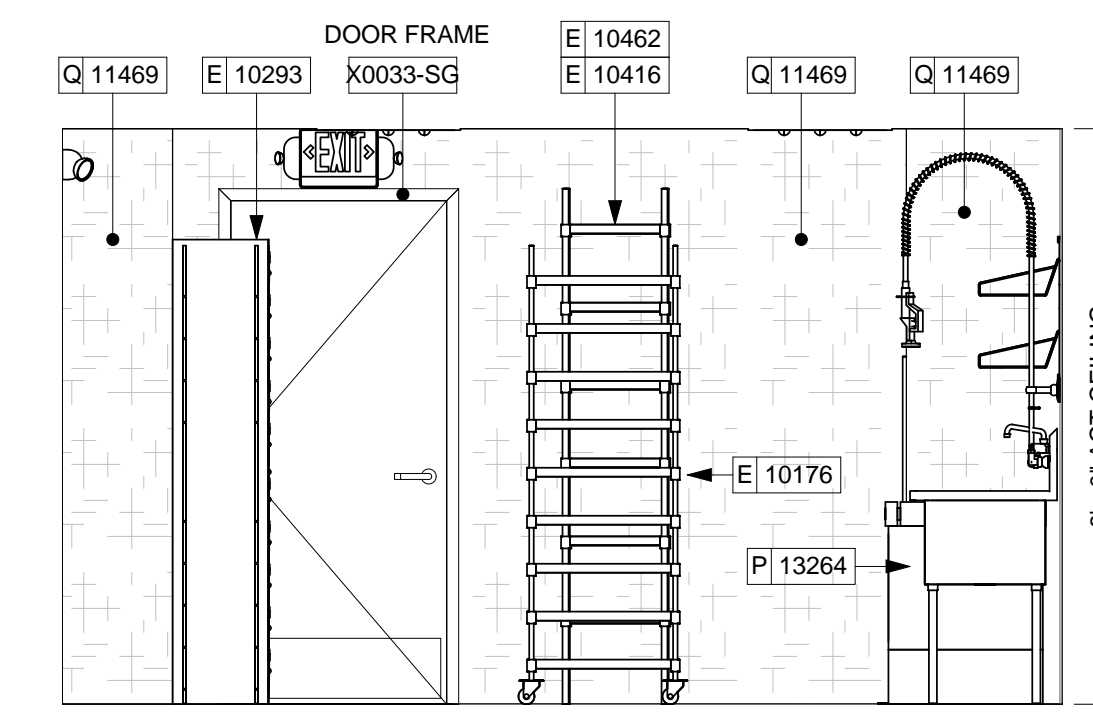
2 WORKROOM - SWITCHING

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



3 WORKROOM - MANAGERS DESK

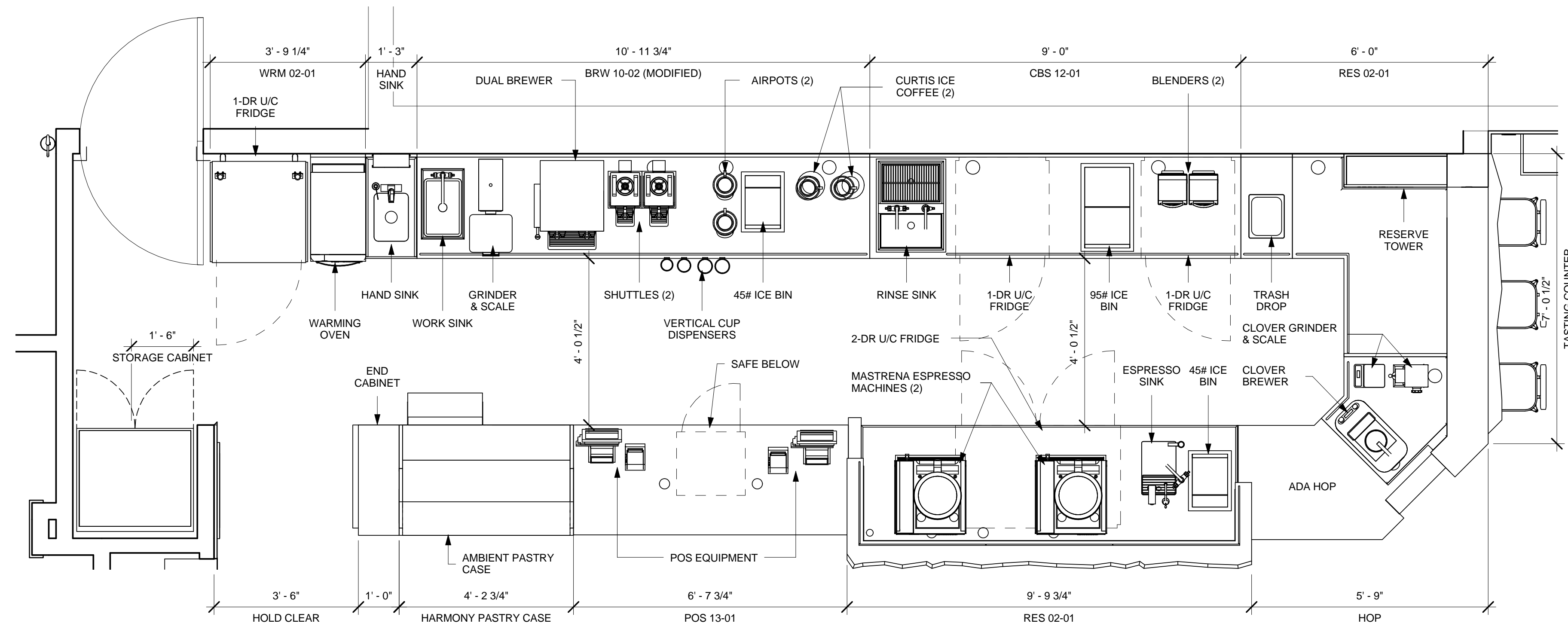
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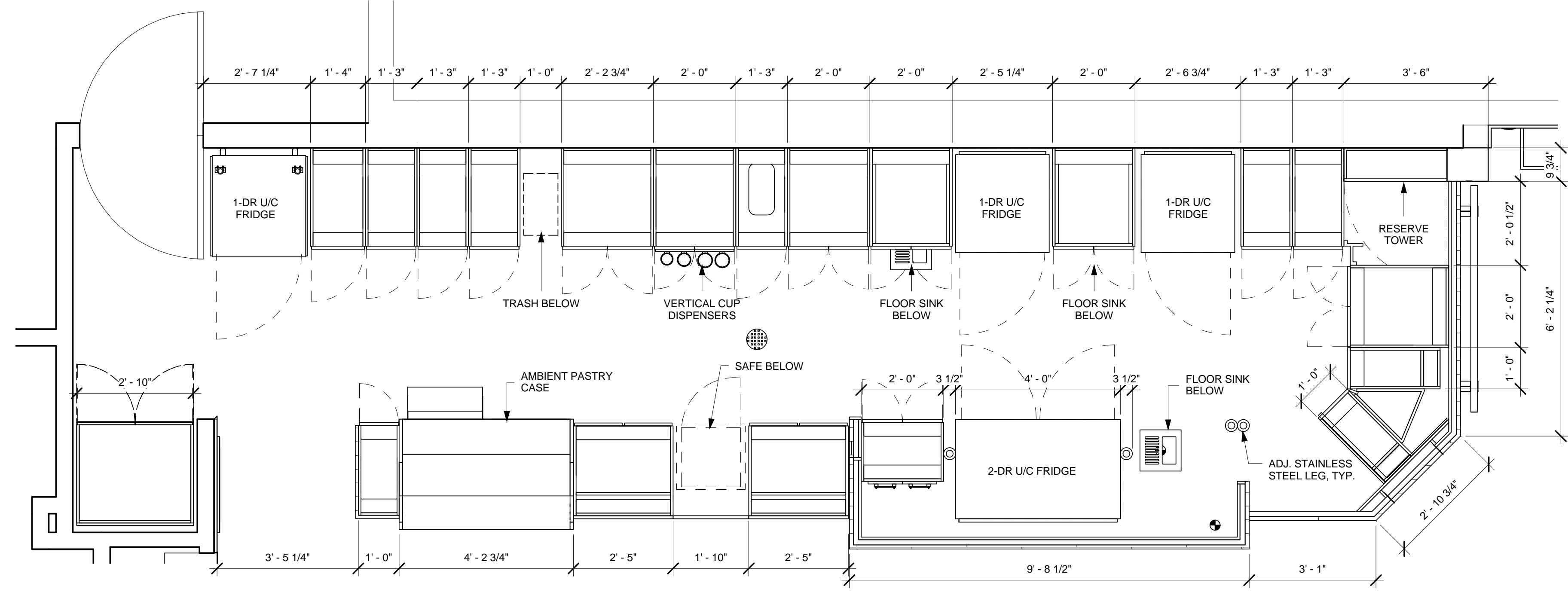
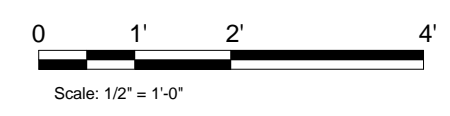
4 WORKROOM - ACCESS DOOR

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

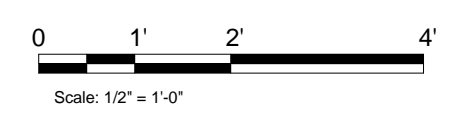
1/23/2013 11:24:44 AM Y:\ME - 145 Commercial Street_Porland\drawings\arch\Commercial Street_ME - CD.rvt



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



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

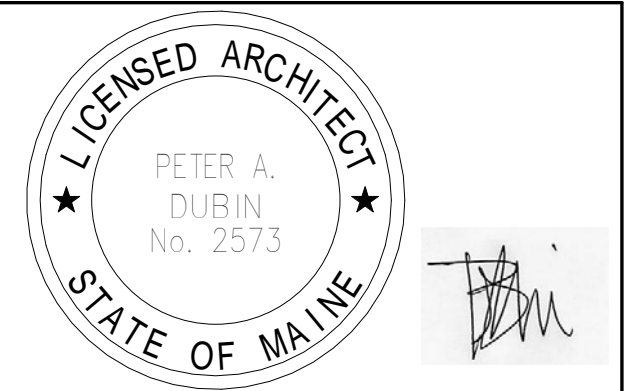


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Engineering Consultants
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Revision Schedule				
Rev	Date	By	Description	

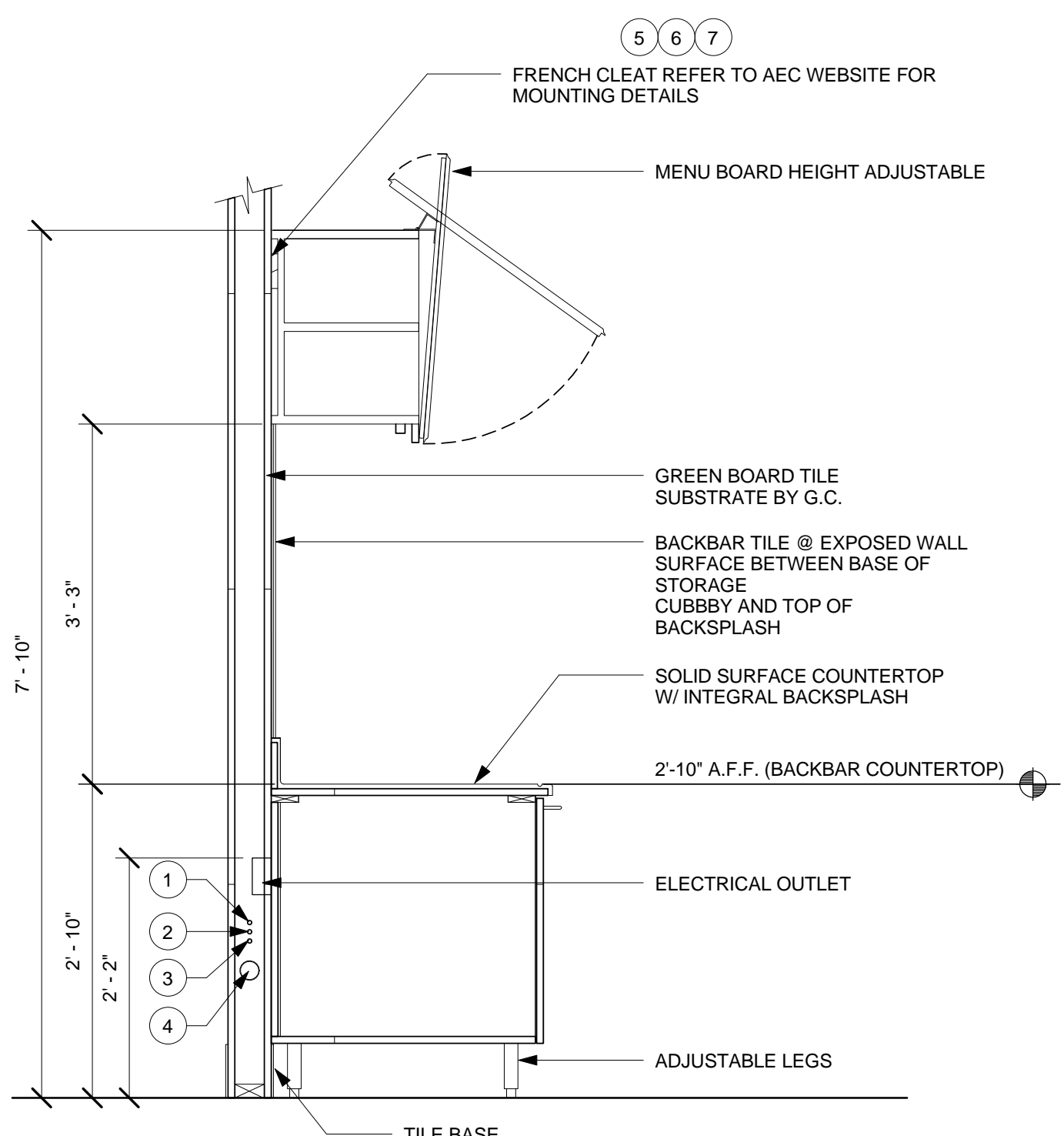
PROJECT NAME:
COMMERCIAL STREET
PROJECT ADDRESS:
145 COMMERCIAL STREET
PORTLAND, ME 04101
CUMBERLAND COUNTY

STORE #: 19384
PROJECT #: 58862-001
CONCEPT: MCS
PALETTE: HERITAGE
ISSUE DATE: JAN. 11, 2013
DESIGN MANAGER: E. ZAKAMAREK
LEED® AP:
PRODUCTION DESIGNER: NORR ILLINOIS
CHECKED BY:

SHEET TITLE:
ENLARGED BAR PLANS

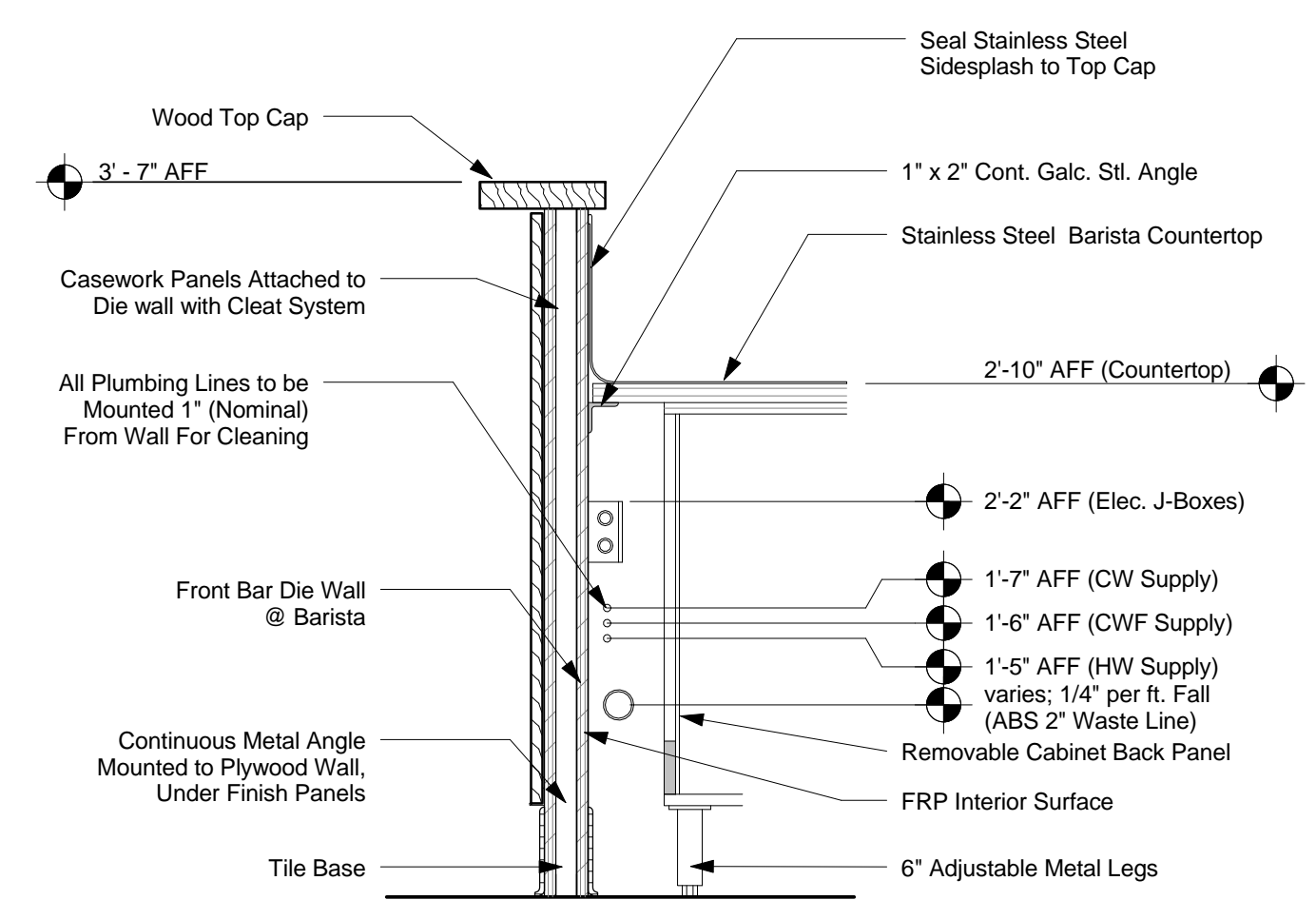
SCALE: 1/2" = 1'-0"

SHEET NUMBER:
I-401

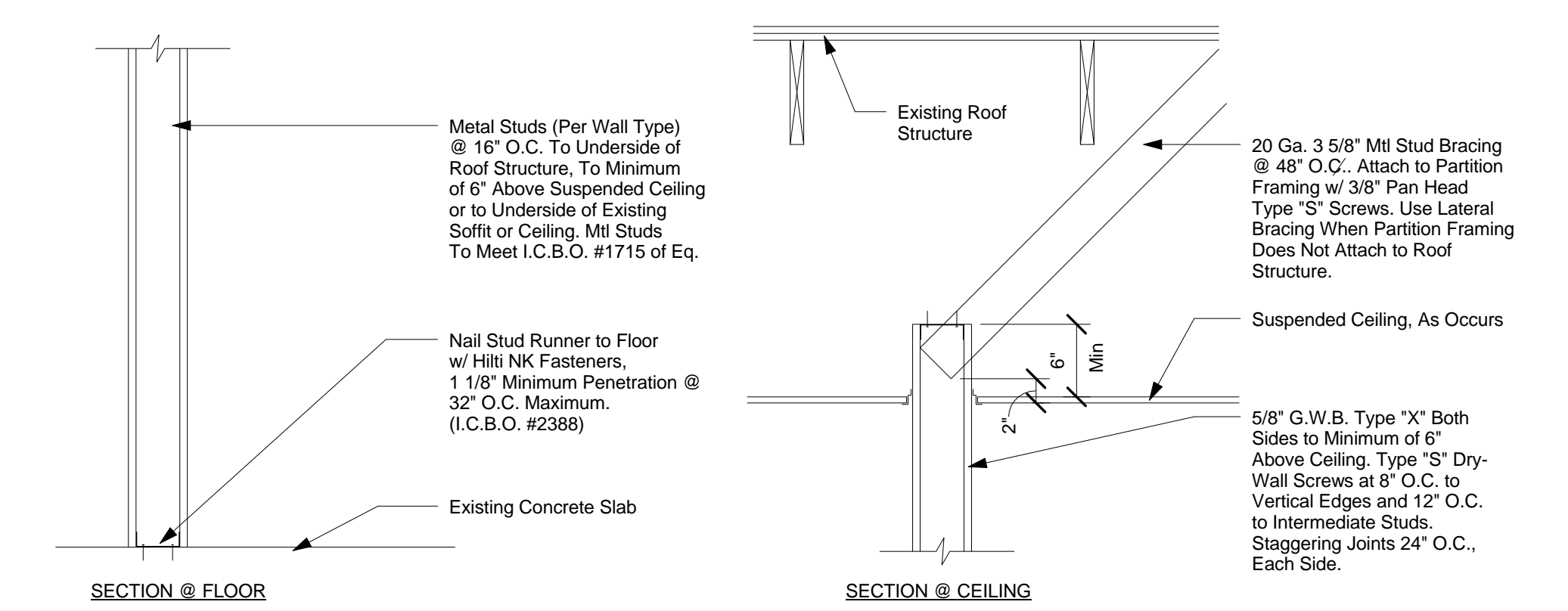


- NOTES:**
- 1 1'-7" AFF (CW SUPPLY)
 - 2 1'-6" AFF (CWF SUPPLY)
 - 3 1'-5" AFF (HW SUPPLY)
 - 4 VARIES: 1/4" PER FOOT FALL (ABS 2" WASTE LINE)
- NOTES CONTINUED:**
- 5 45 LBS. DEAD LOAD FOR LIQUID STORAGE OVER AND ABOVE THE CASEWORK ITSELF
 - 6 A LIVE LOAD OF A PARTNER EITHER PULLING AND OR CLIMBING ON THE CASWORK
 - 7 SEISMIC ACCELERATION CONDITIONS AT THE SITE

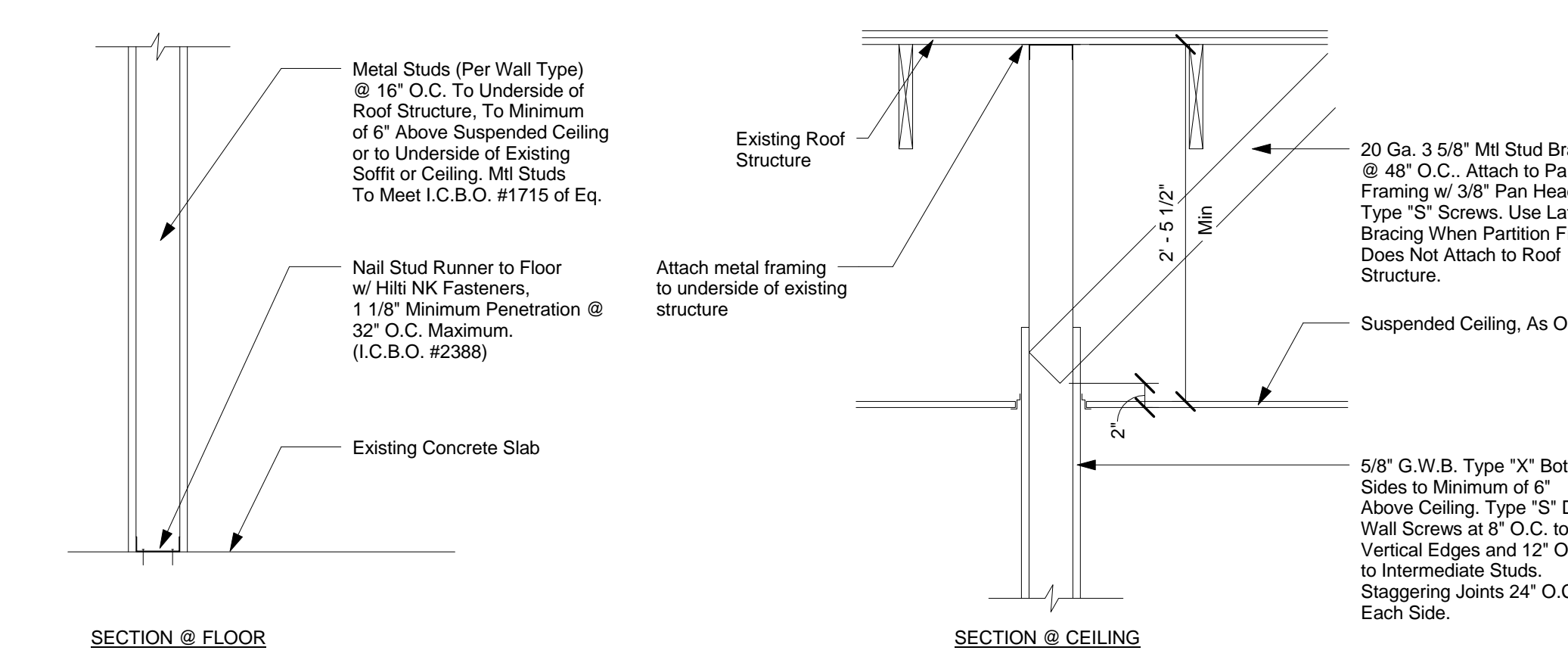
1 WALL SECTION AT BACKBAR
Scale: 3/4" = 1'-0"



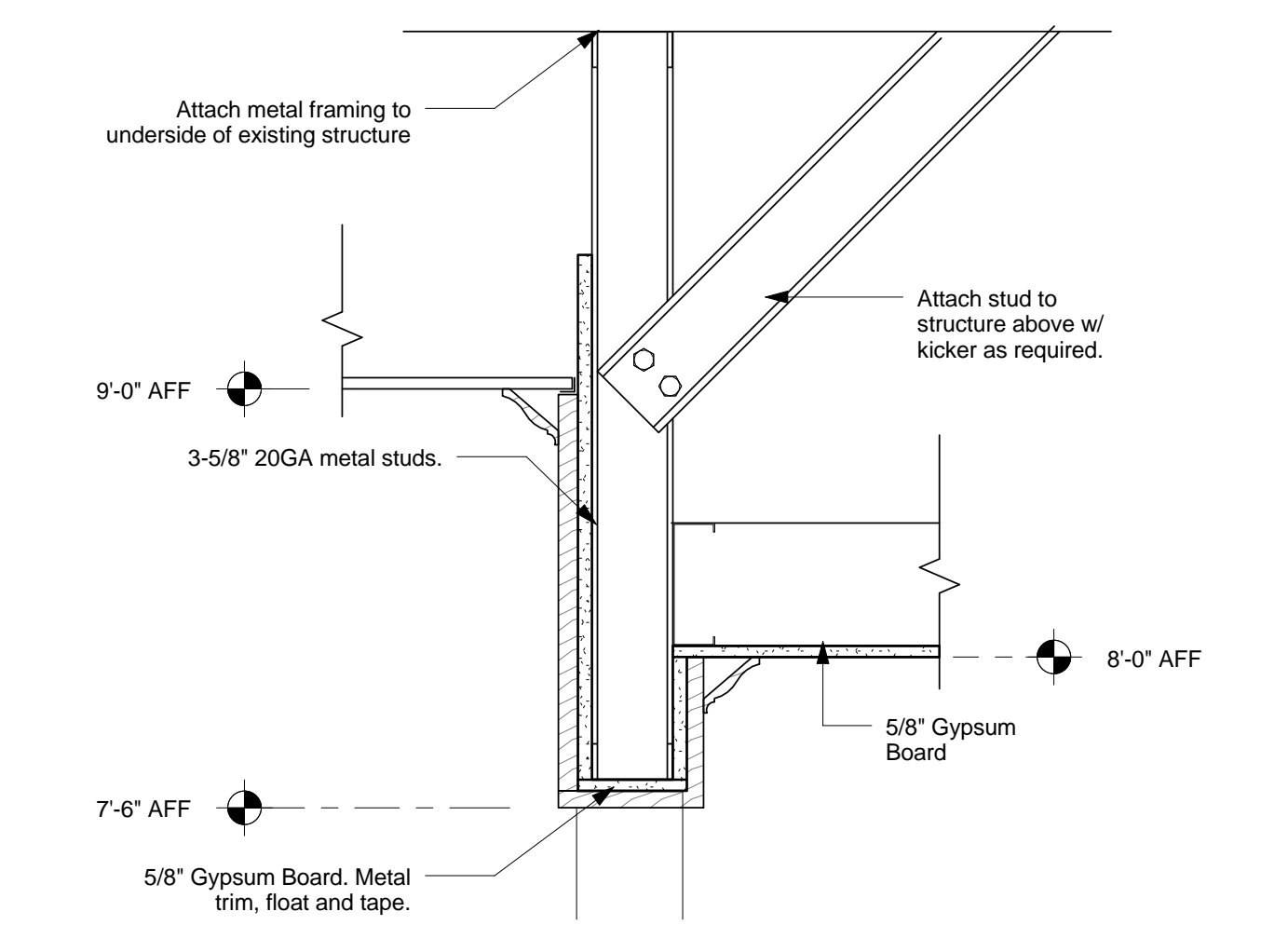
2 Wall Section at Diewall
Scale: 1" = 1'-0"



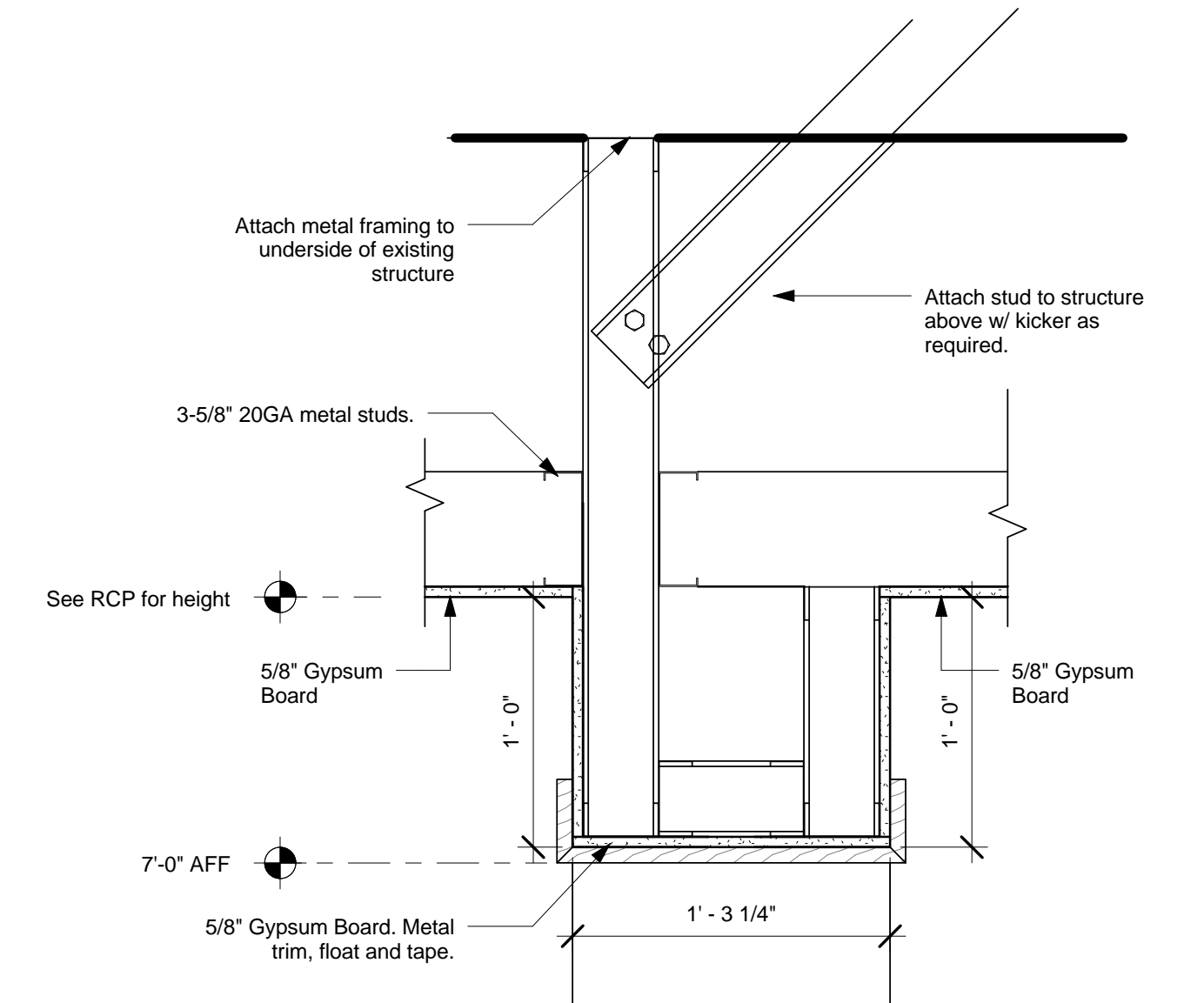
3 New Partition Wall 6" Above Ceiling
Scale: 1" = 1'-0"




4 New Partition Wall to Structure
Scale: 1" = 1'-0"



5 Header Detail
Scale: Not to Scale



6 Header Detail 2
Scale: Not to Scale




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LICENSED ARCHITECT
STATE OF MAINE
PETER A. DUBIN
No. 2573

Revision Schedule			
Rev	Date	By	Description

PROJECT NAME: COMMERCIAL STREET
PROJECT ADDRESS: 145 COMMERCIAL STREET
PORTLAND, ME 04101
CUMBERLAND COUNTY

STORE #: 19384
PROJECT #: 58862-001
CONCEPT: MCS
PALETTE: HERITAGE
ISSUE DATE: JAN. 11, 2013
DESIGN MANAGER: E. ZAKAMAREK
LEED® AP:
PRODUCTION DESIGNER: NORR ILLINOIS
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SHEET TITLE: CONSTRUCTION DETAILS
SCALE: As indicated
SHEET NUMBER: I-501



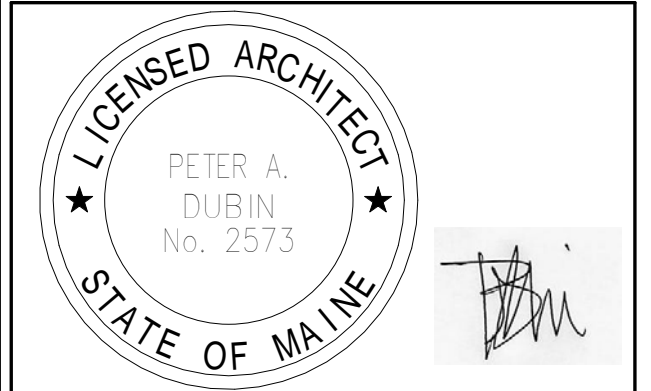
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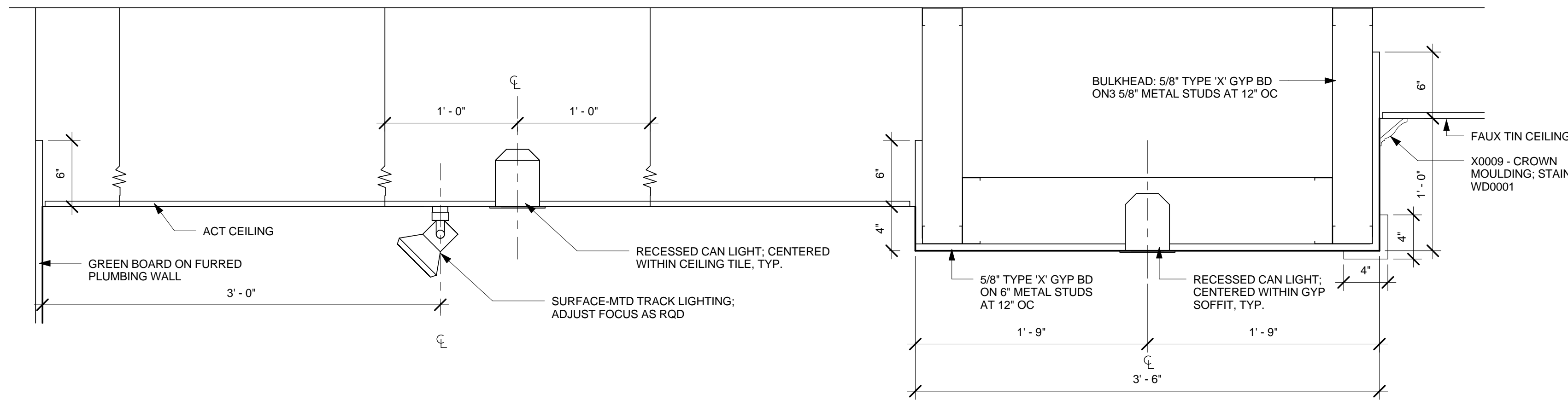
Revision Schedule			
Rev	Date	By	Description

PROJECT NAME:
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STORE #: 19384
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 LEED® AP:
 PRODUCTION DESIGNER: NORR ILLINOIS
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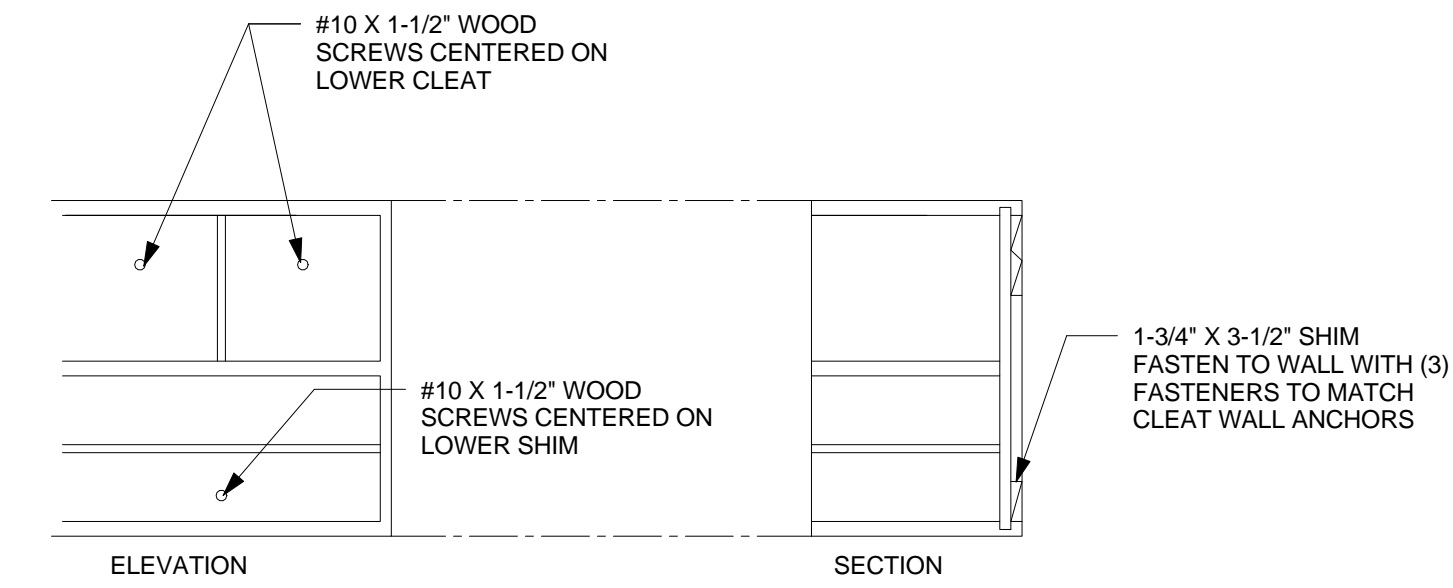
SHEET TITLE:
CONSTRUCTION DETAILS
 SCALE: As indicated

SHEET NUMBER:
I-502



1 SOFFIT CONSTRUCTION

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

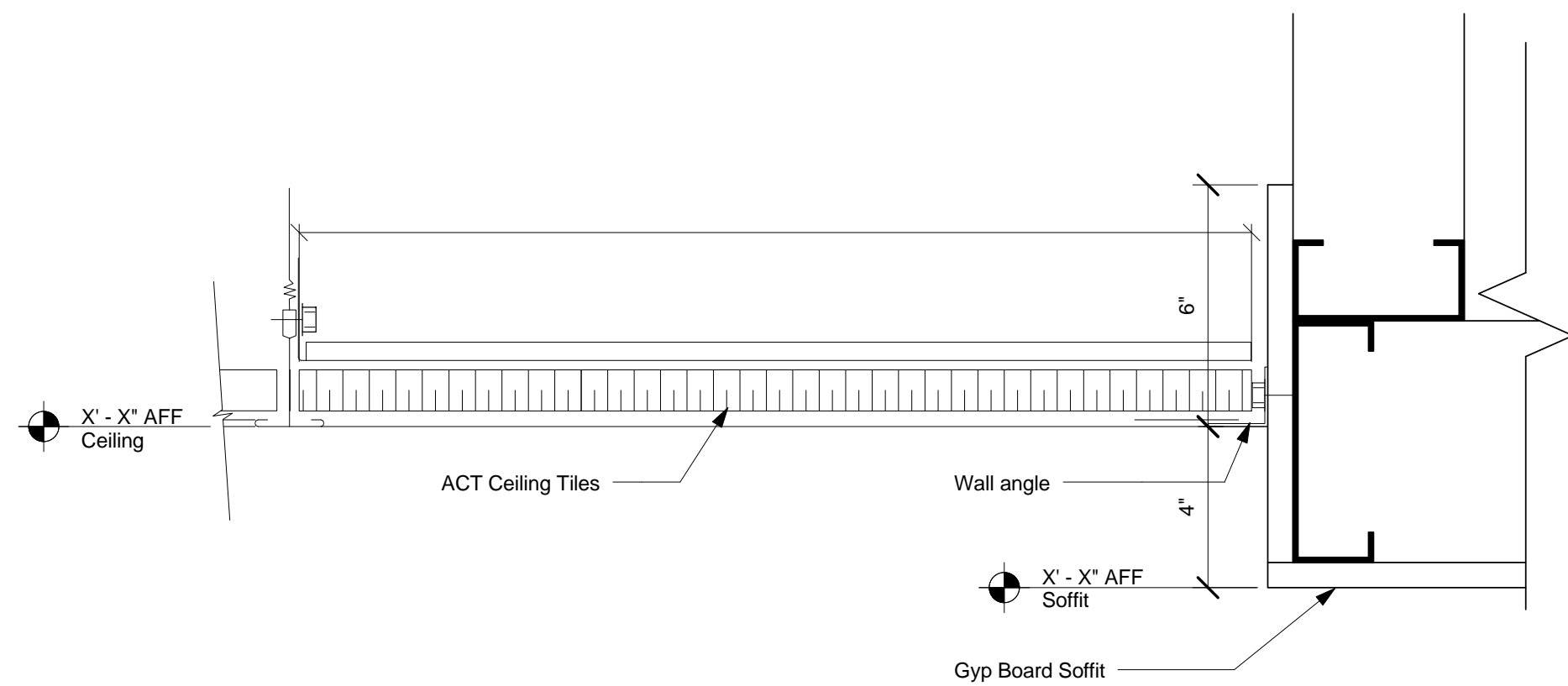


NOTES:

- 45 LBS DEAD LOAD PER OPENING FOR LIQUID STORAGE OVER AND ABOVE THE CASEWORK ITSELF.
- A LIVE LOAD OF A PARTNER EITHER PULLING AND OR CLIMBING ON THE CASEWORK.

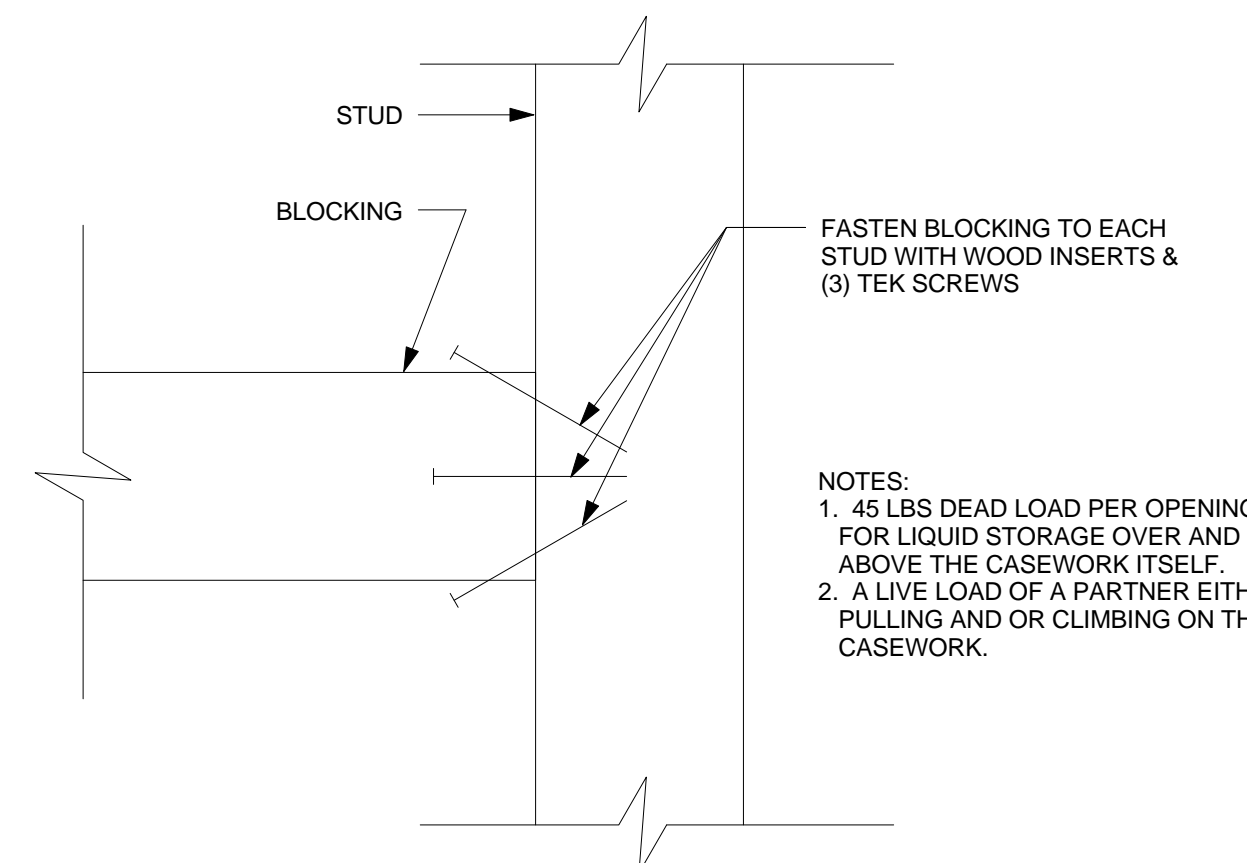
4 BLOCKING TO CASEWORK

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



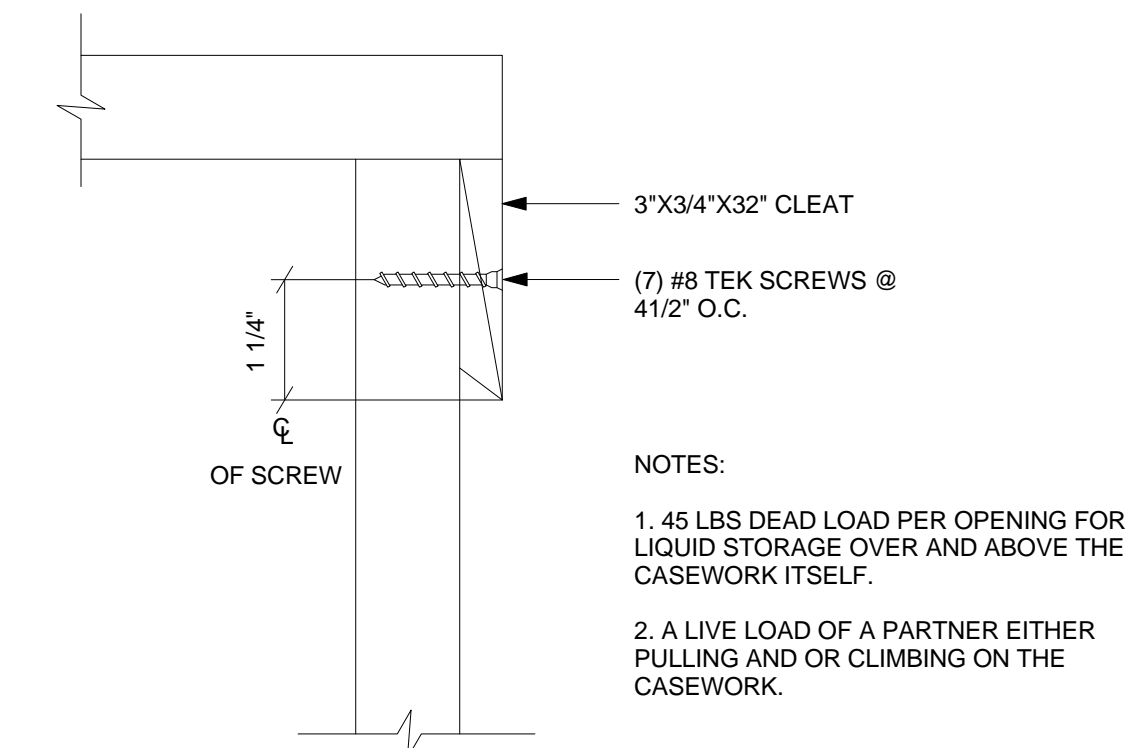
2 Gyp to ACT Transition

Scale: 3" = 1'-0"



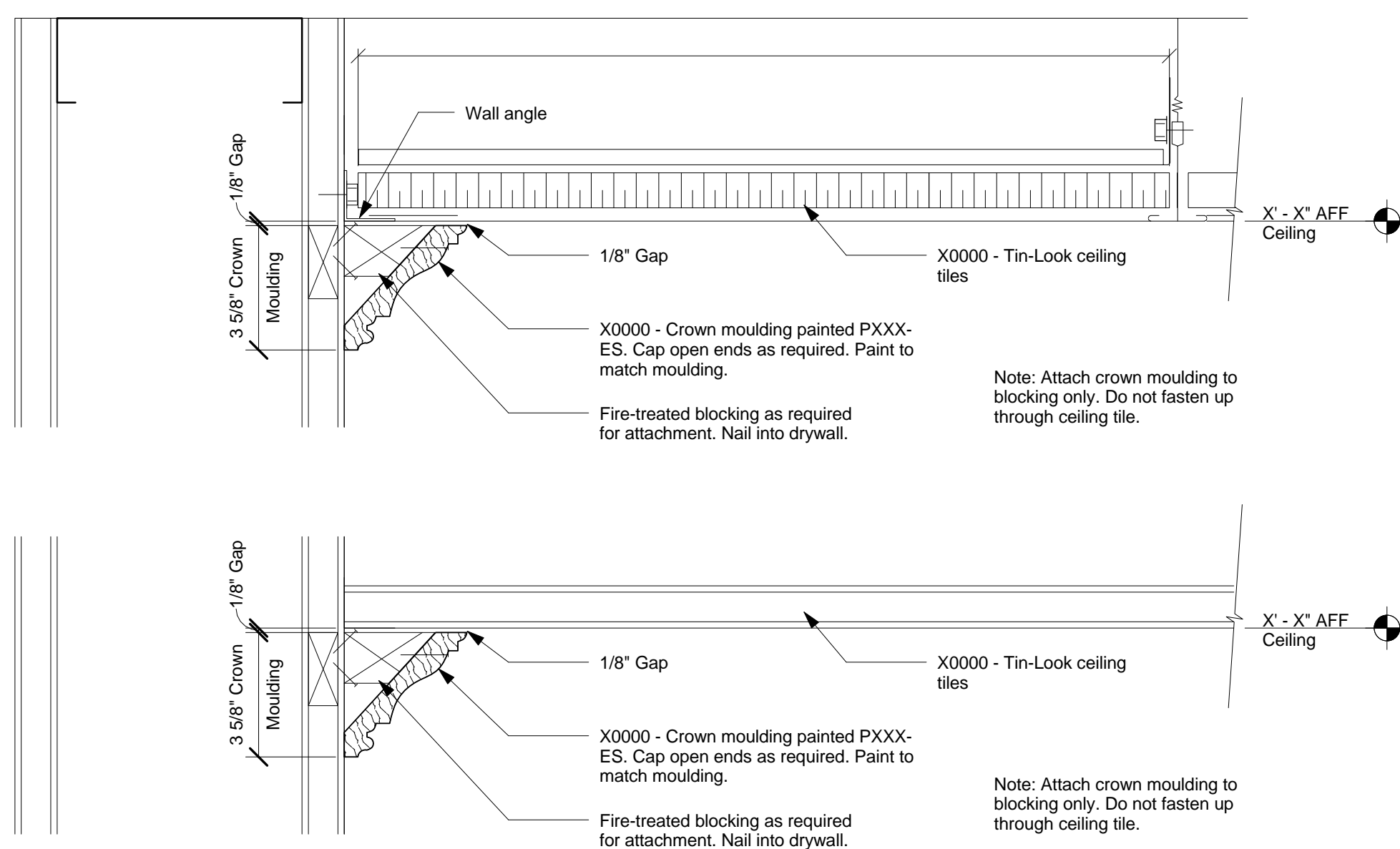
5 BLOCKING TO METAL STUD

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



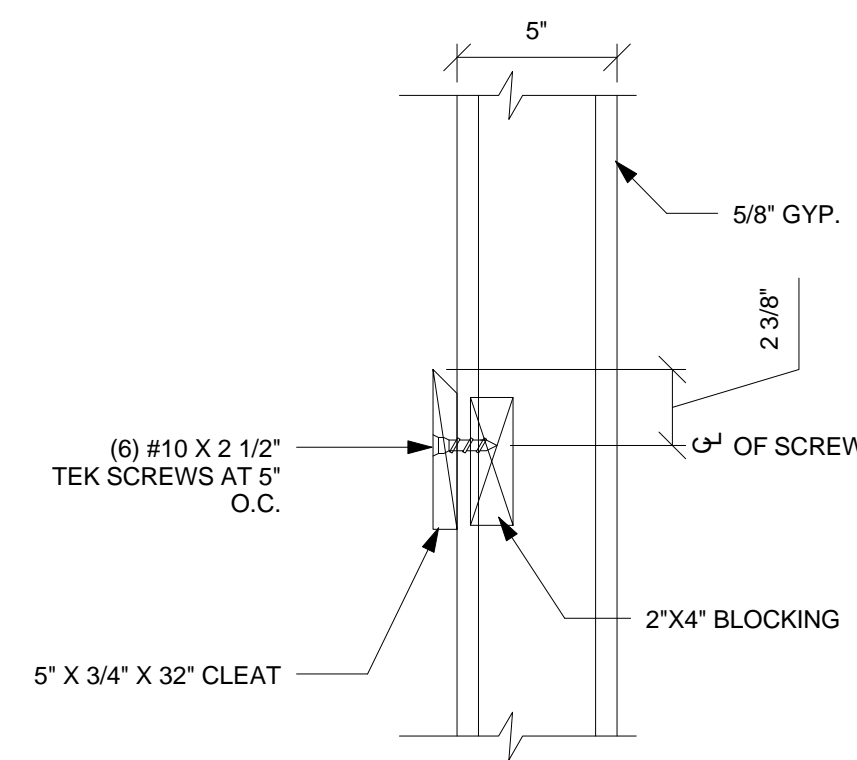
6 CLEAT TO FRAME

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



3 Crown Moulding Detail

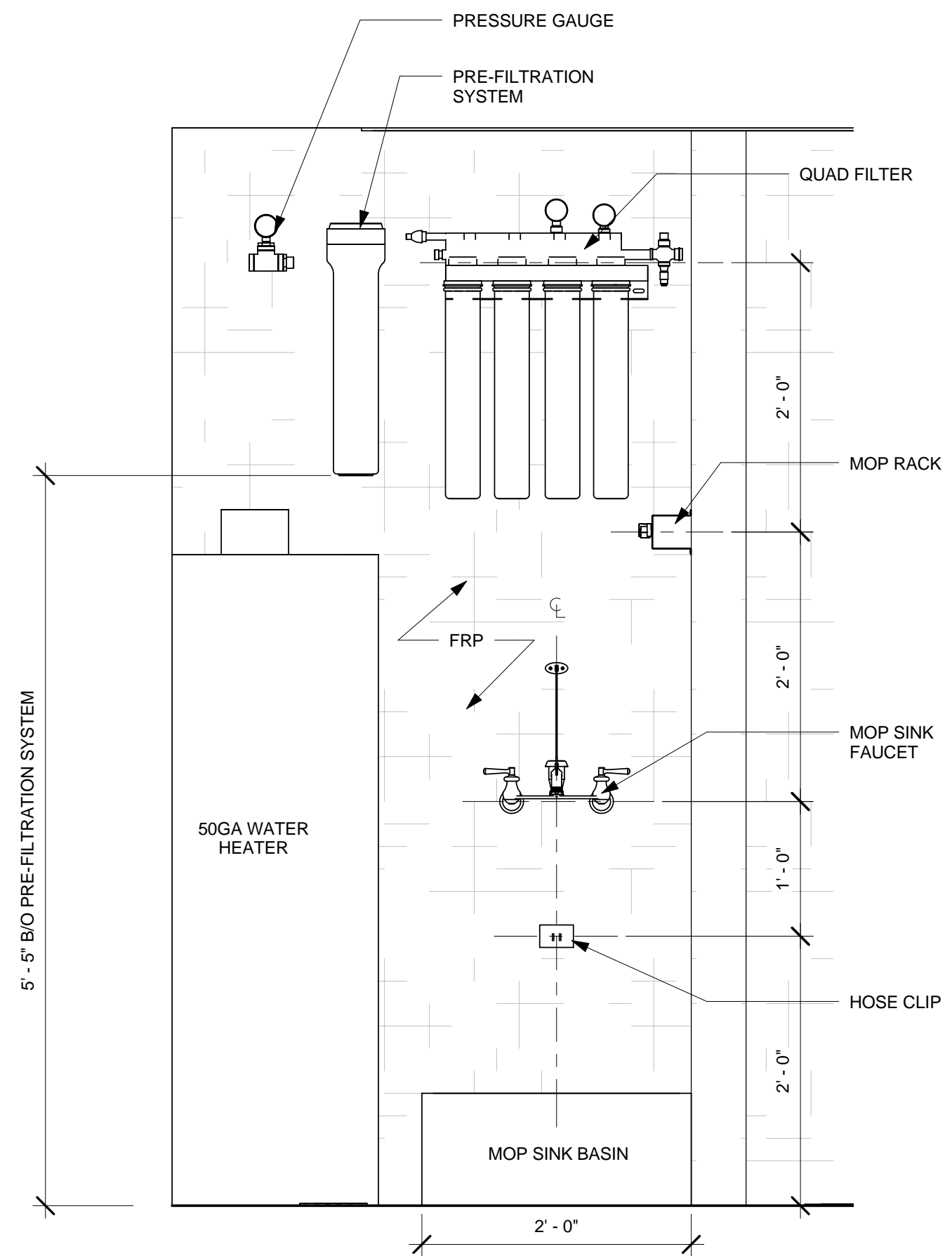
Scale: 3" = 1'-0"



7 CLEAT TO WOOD BLOCKING

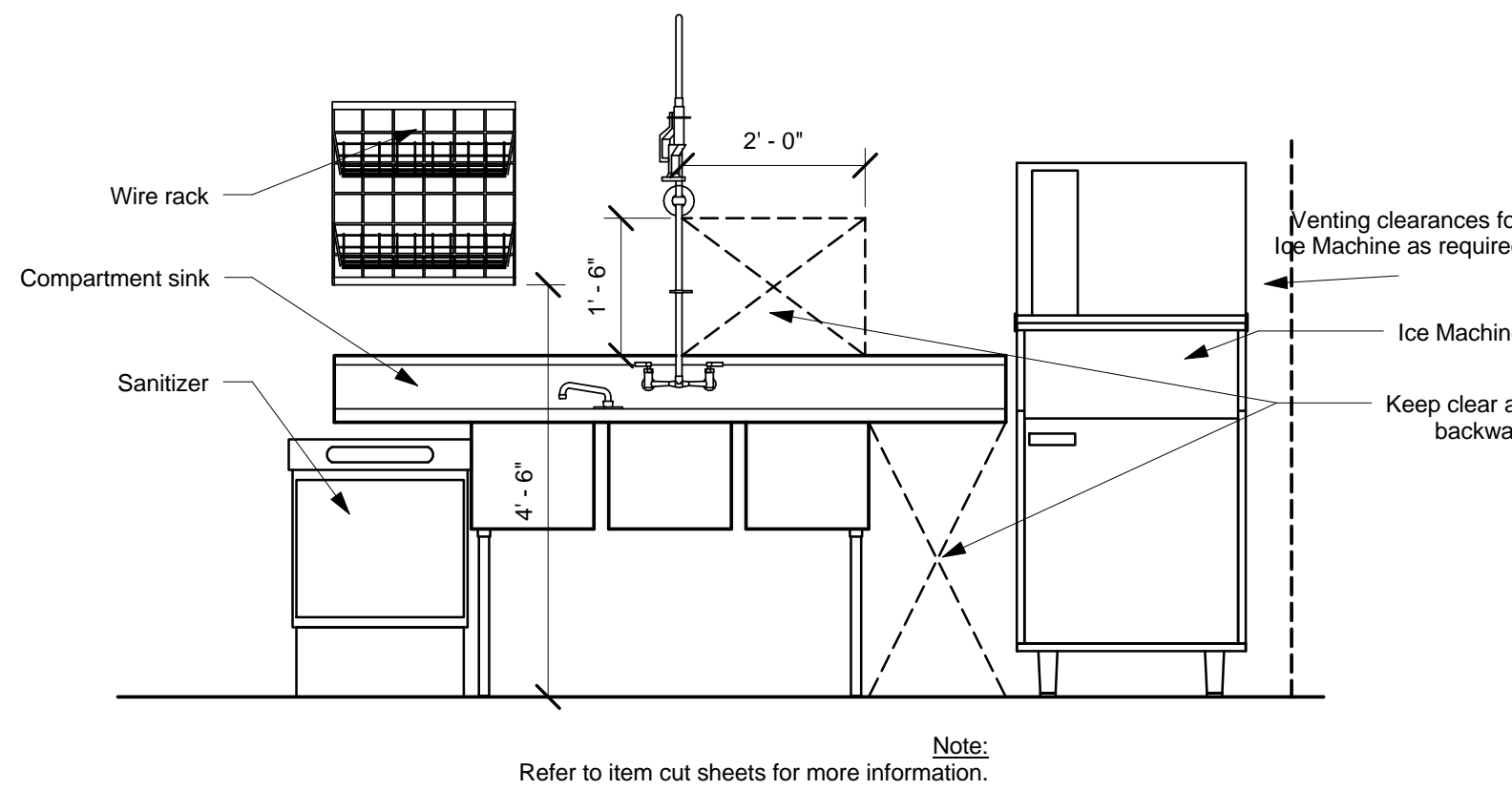
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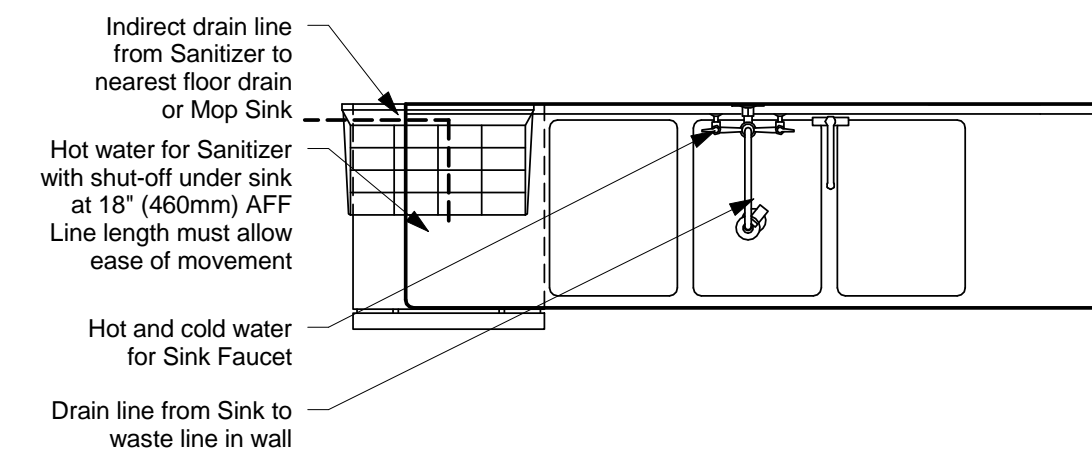
1 WATER SYSTEM ELEVATION

Scale: 1" = 1'-0"



2 3-Comp Elevation (Sanitizer Below)

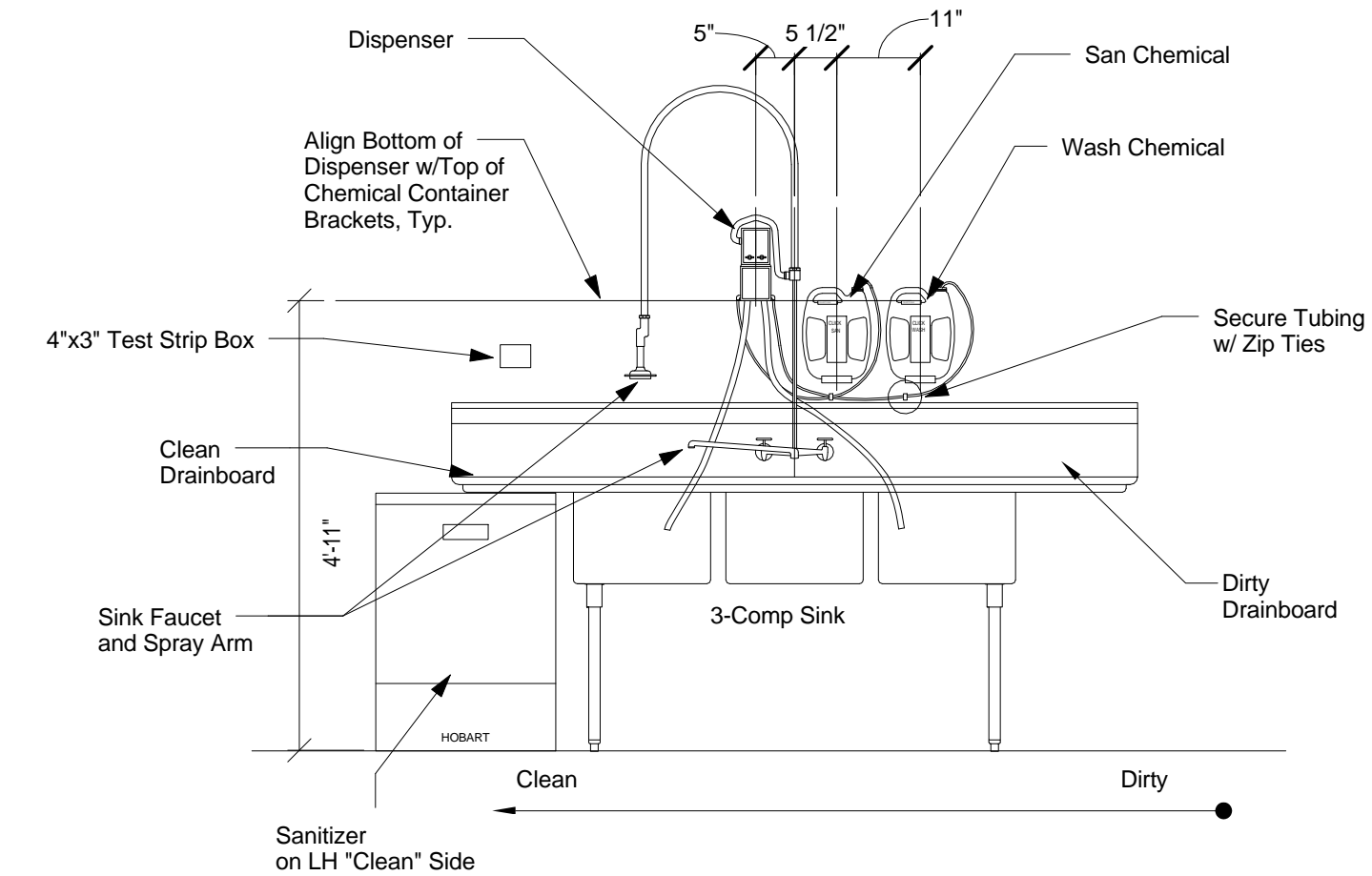
Scale: 1/2" = 1'-0"



3 3-Comp Plan - Sanitizer (Under)

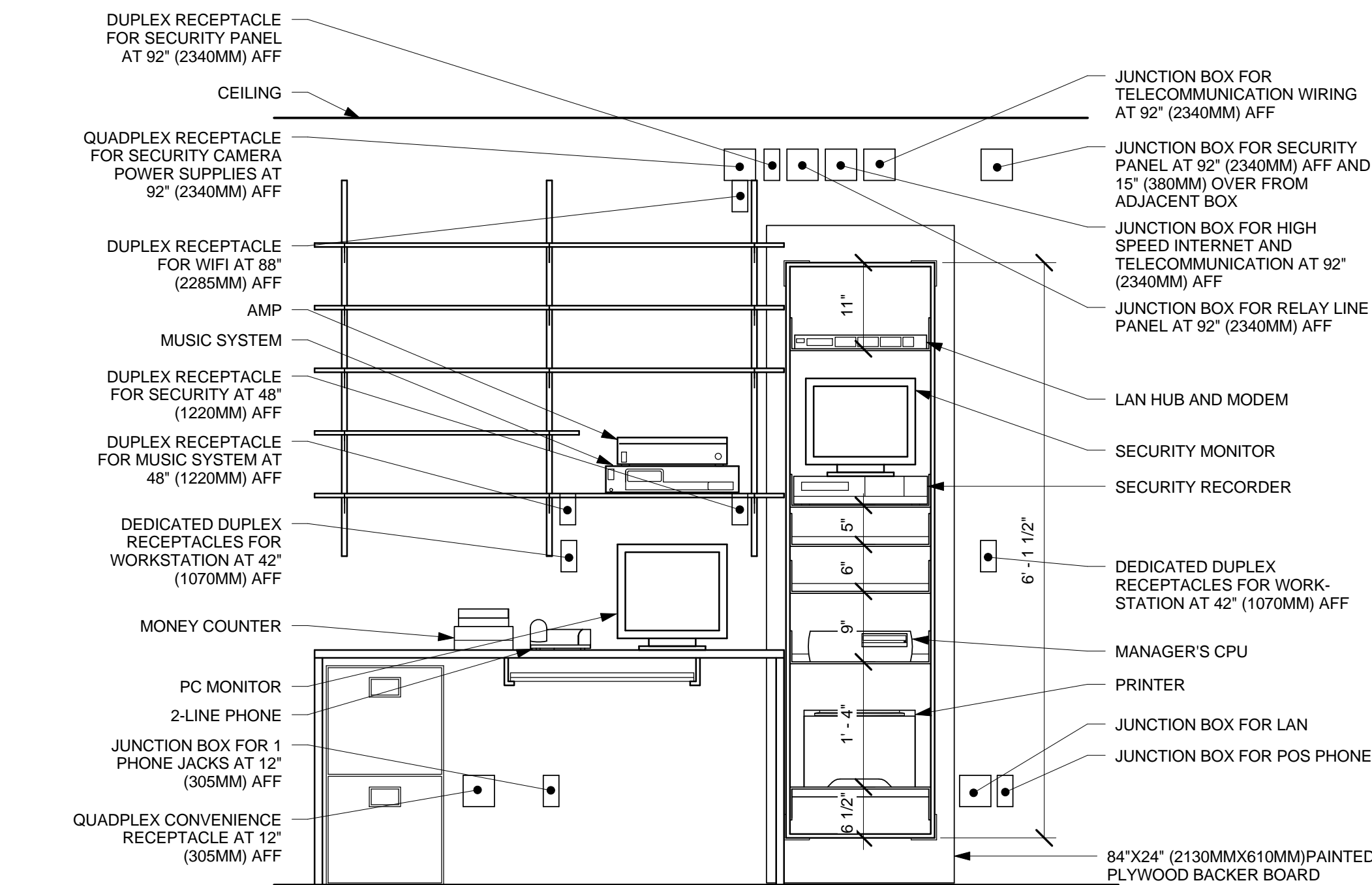
Scale: 1/2" = 1'-0"

-Secure Tubing to Wall Above Sink Backsplash w/ Zip Ties.
-Mount Test Strip Box to Wall Over the "Clean" Drainboard.



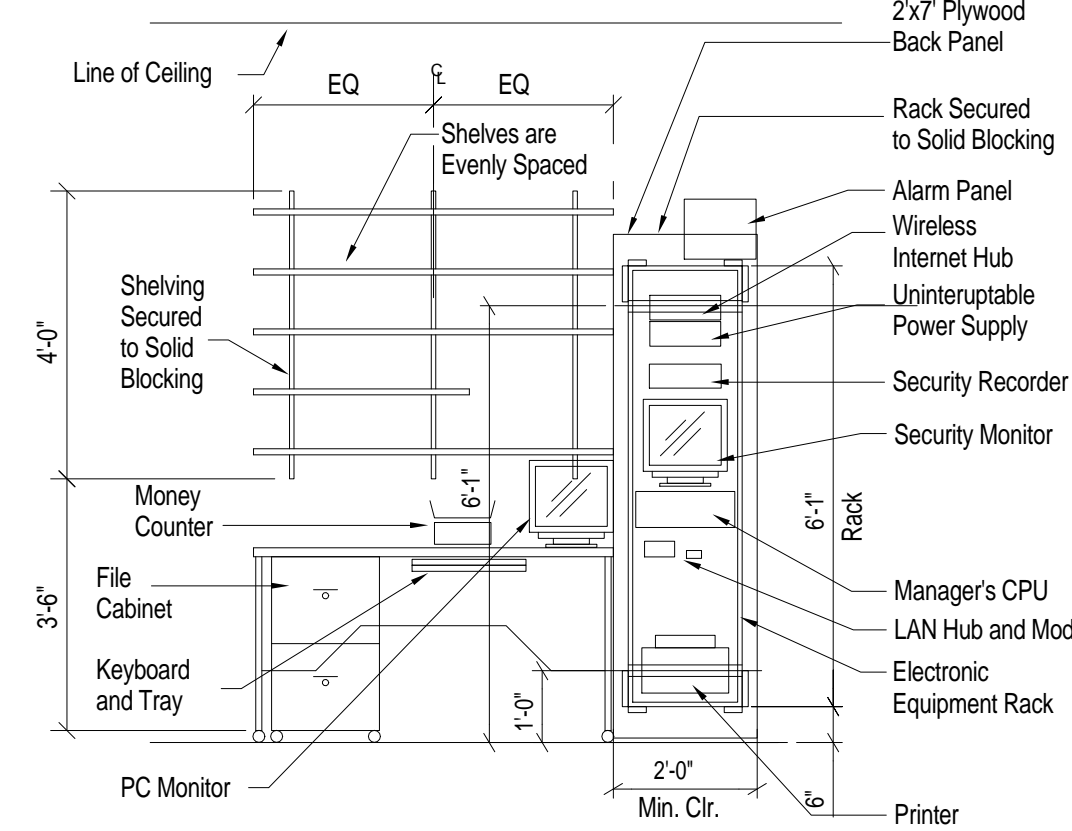
4 Click San/Wash Install (Sanitizer Below)

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



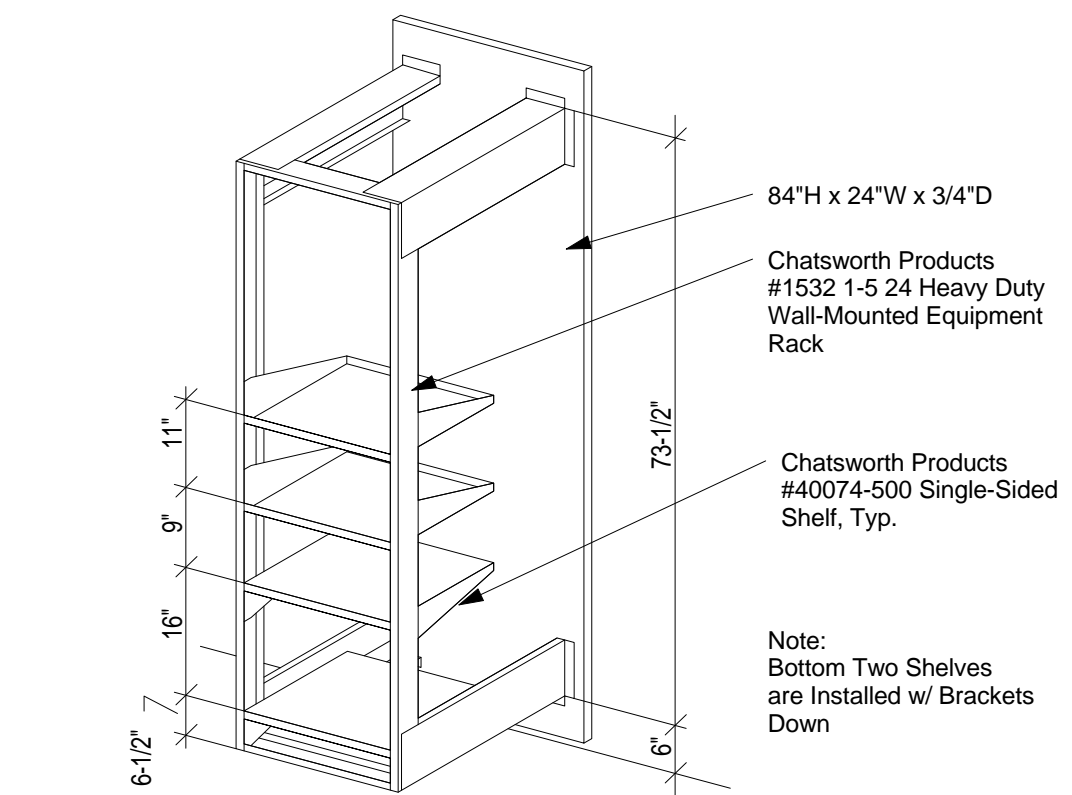
5 MANAGERS WORKSTATION - ELECTRICAL

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



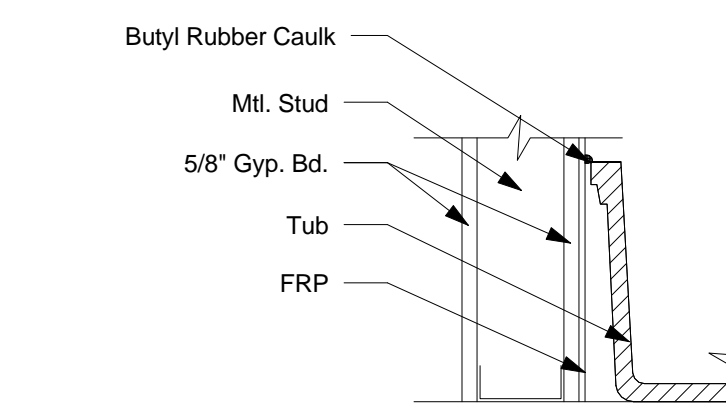
6 Managers Desk (Similar)

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



7 Equipment Rack

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



8 FRP at Mop Sink

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



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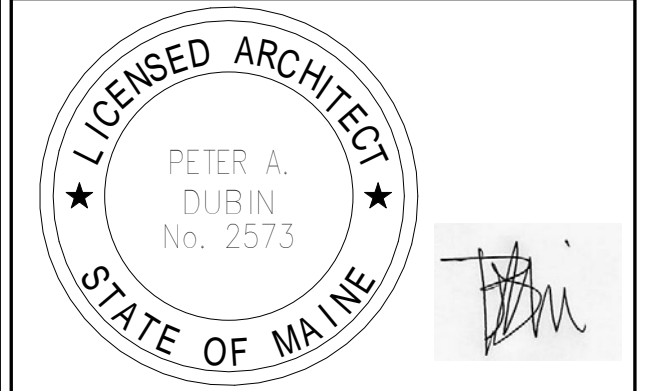
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Revision Schedule				
Rev	Date	By	Revision	Description

PROJECT NAME:
COMMERCIAL STREET
PROJECT ADDRESS:
**145 COMMERCIAL STREET
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CUMBERLAND COUNTY**

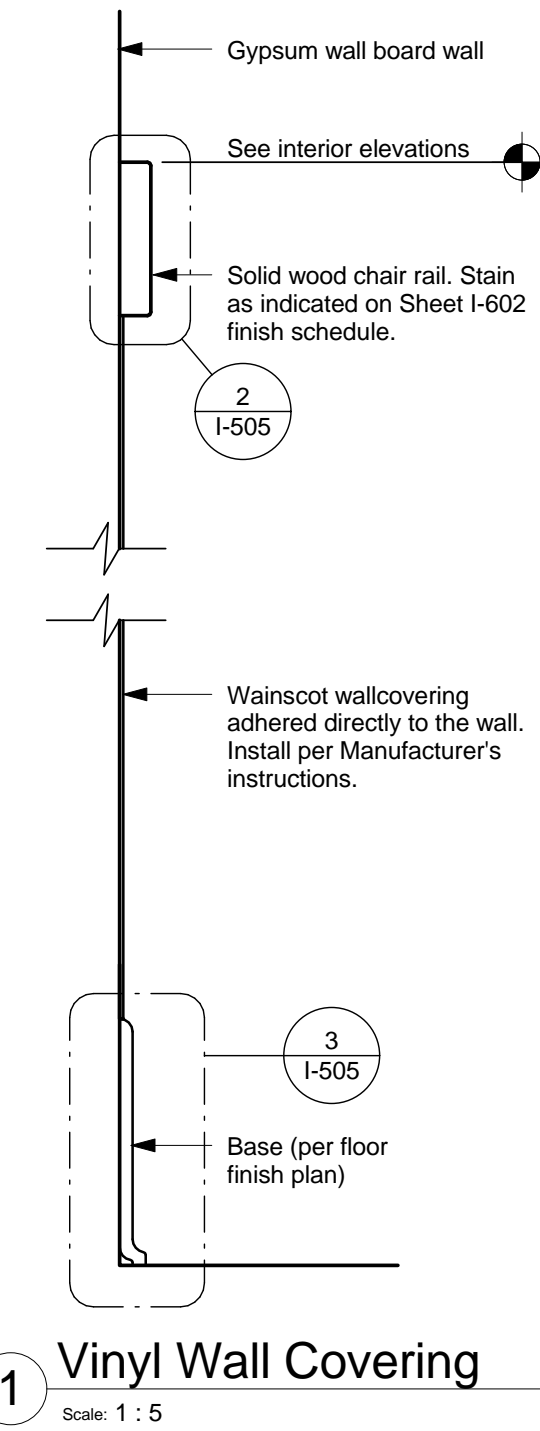
STORE #: 19384
PROJECT #: 58862-001
CONCEPT: MCS
PALETTE: HERITAGE
ISSUE DATE: JAN. 11, 2013
DESIGN MANAGER: E. ZAKAMAREK
LEED® AP:
PRODUCTION DESIGNER: NORR ILLINOIS
CHECKED BY:

SHEET TITLE:
WORKROOM DETAILS

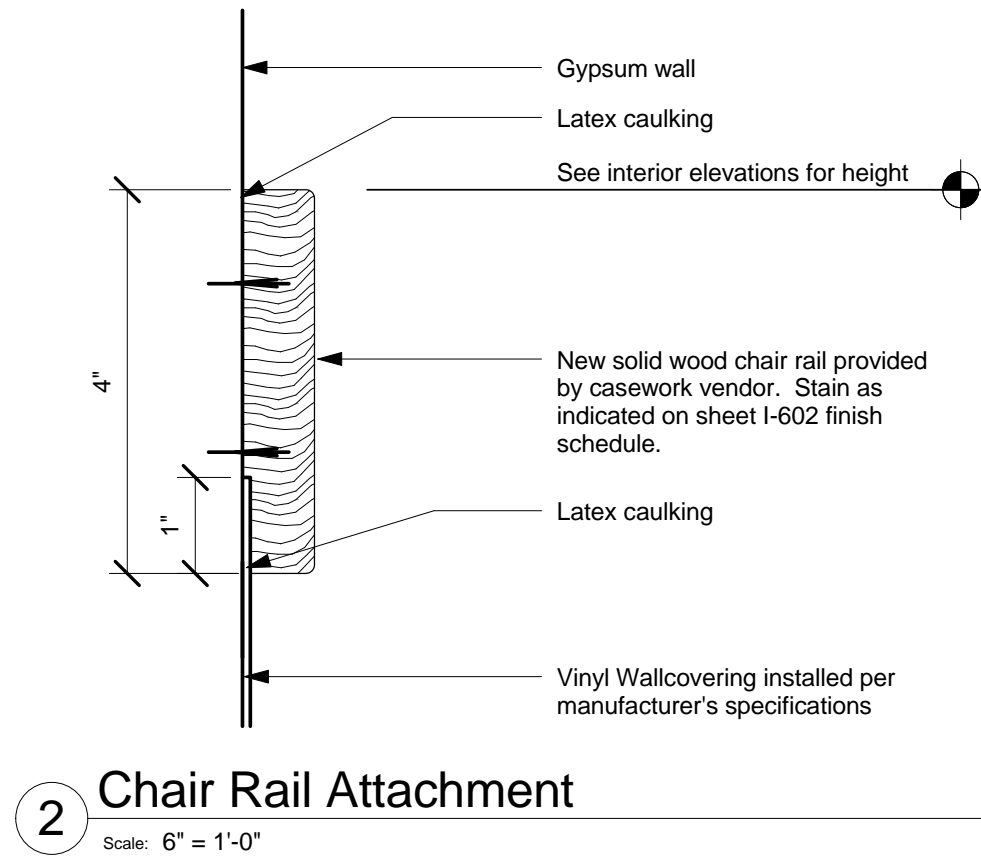
SCALE: As Indicated

SHEET NUMBER:

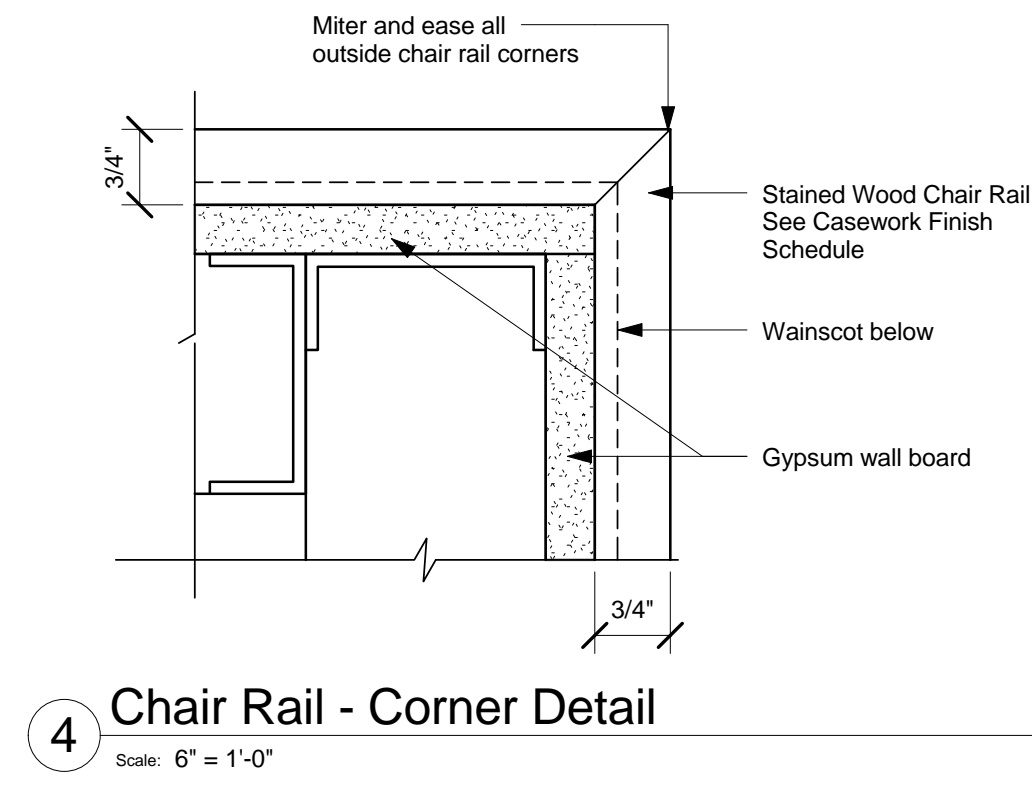
I-503



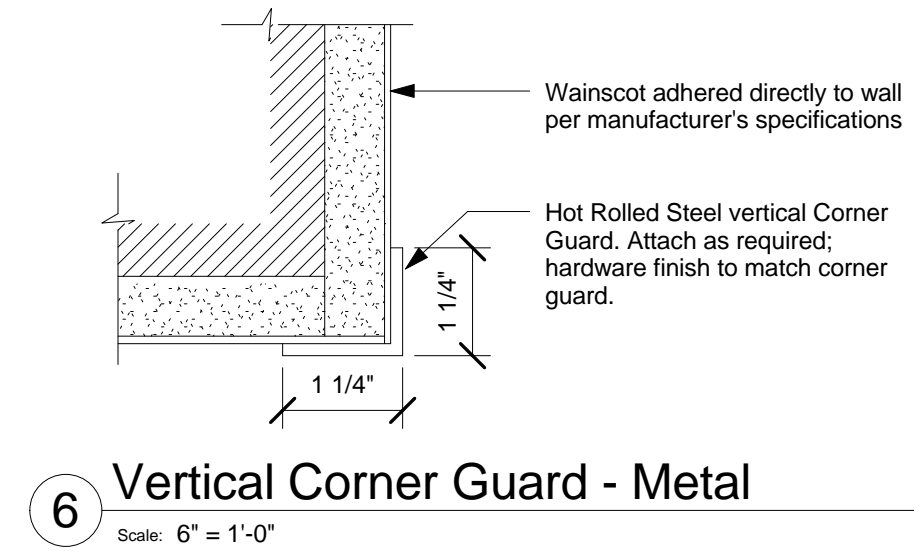
1 Vinyl Wall Covering
Scale: 1/5



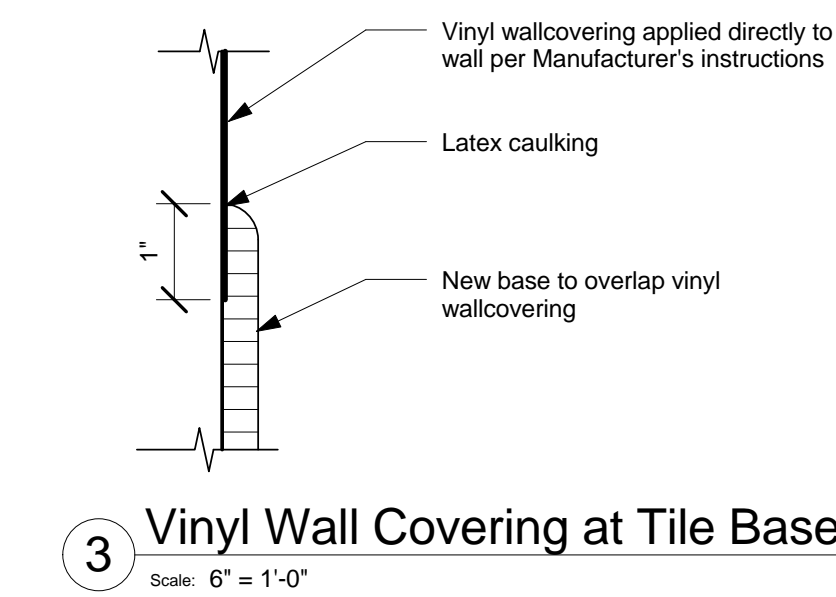
2 Chair Rail Attachment
Scale: 6" = 1'-0"



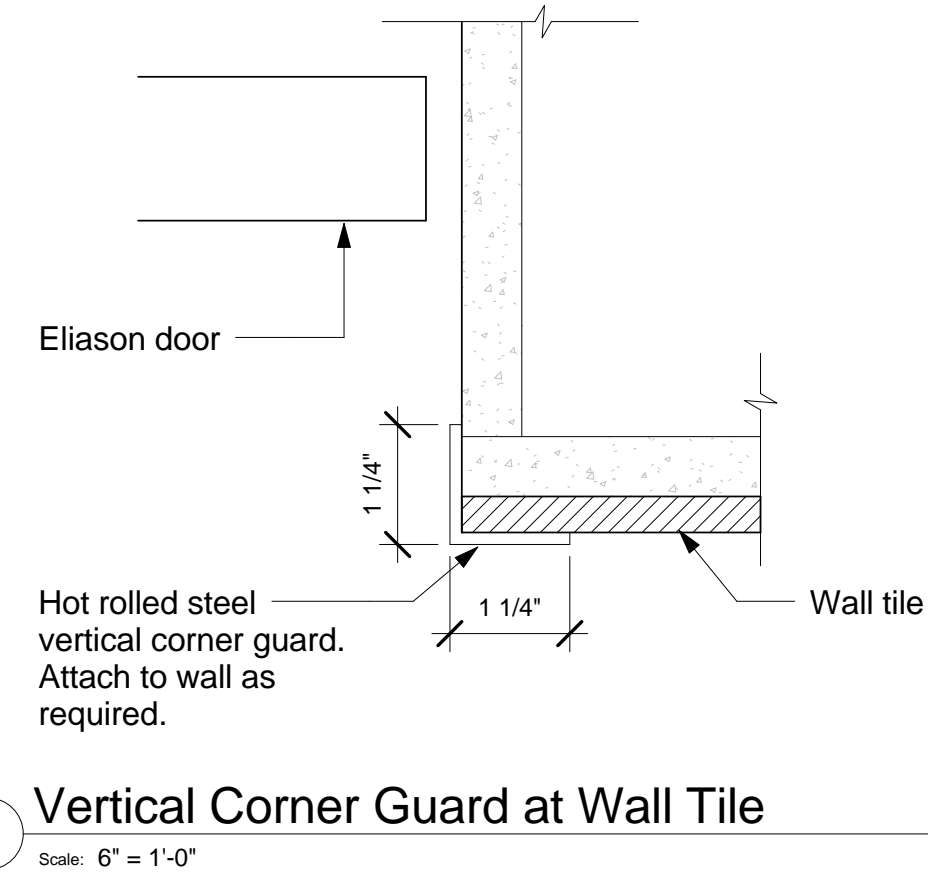
4 Chair Rail - Corner Detail
Scale: 6" = 1'-0"



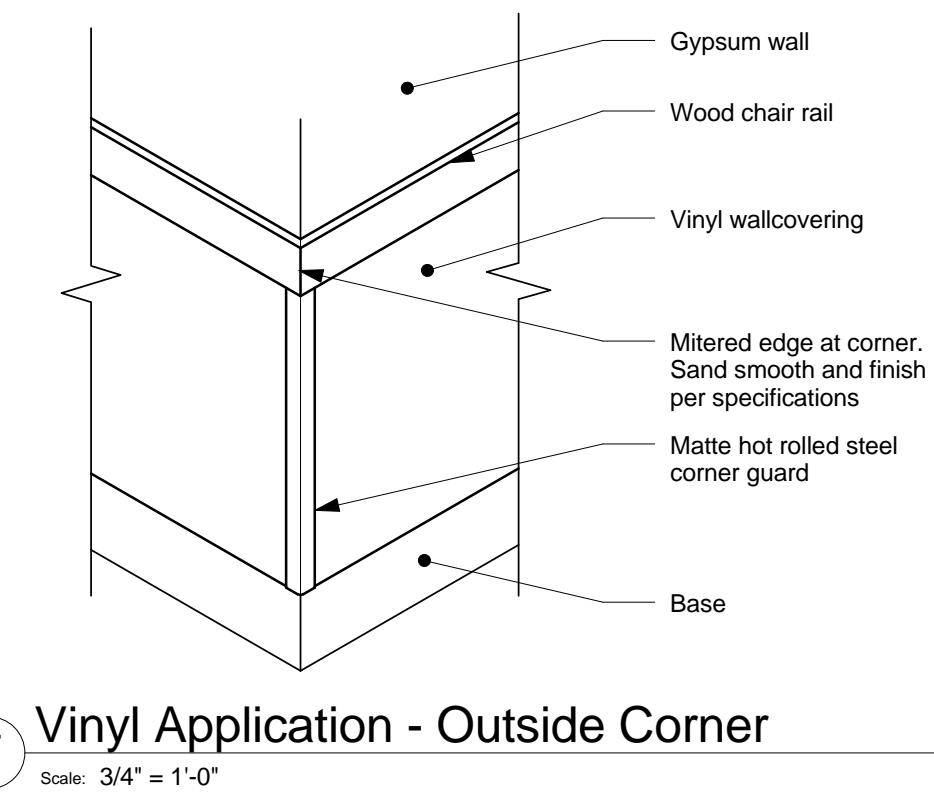
6 Vertical Corner Guard - Metal
Scale: 6" = 1'-0"



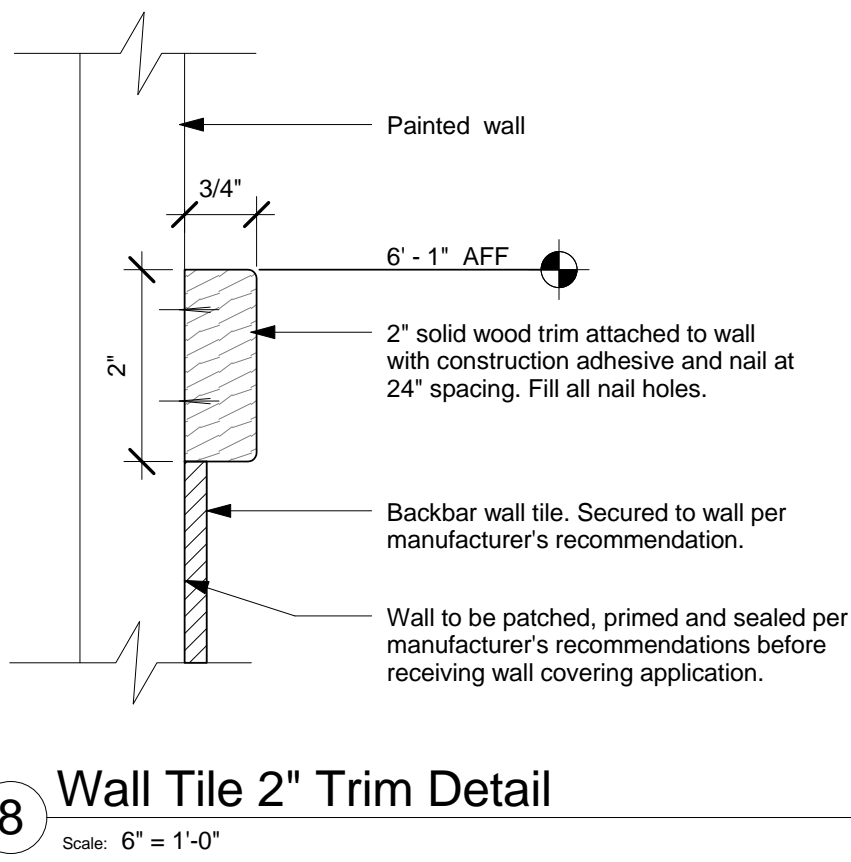
3 Vinyl Wall Covering at Tile Base
Scale: 6" = 1'-0"



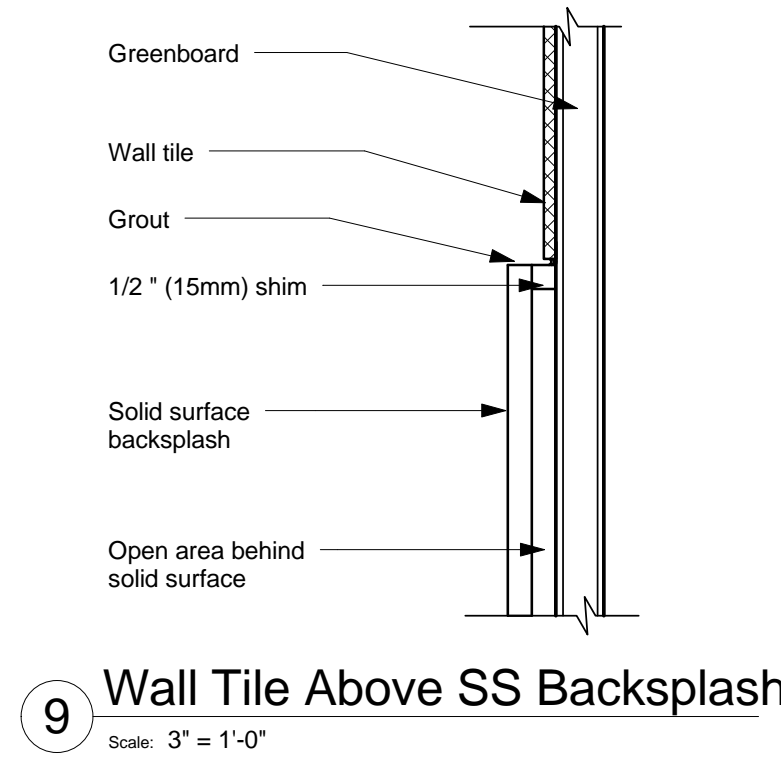
5 Vertical Corner Guard at Wall Tile
Scale: 6" = 1'-0"



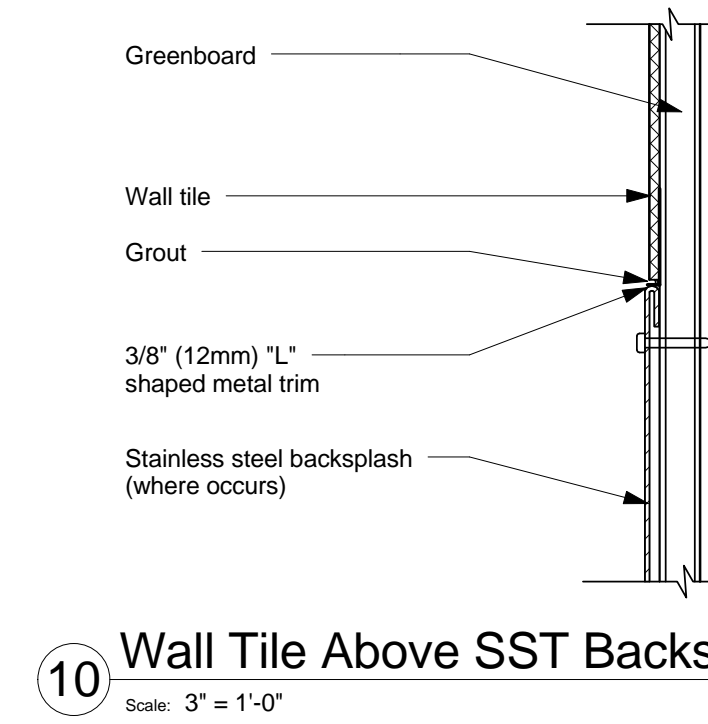
7 Vinyl Application - Outside Corner
Scale: 3/4" = 1'-0"



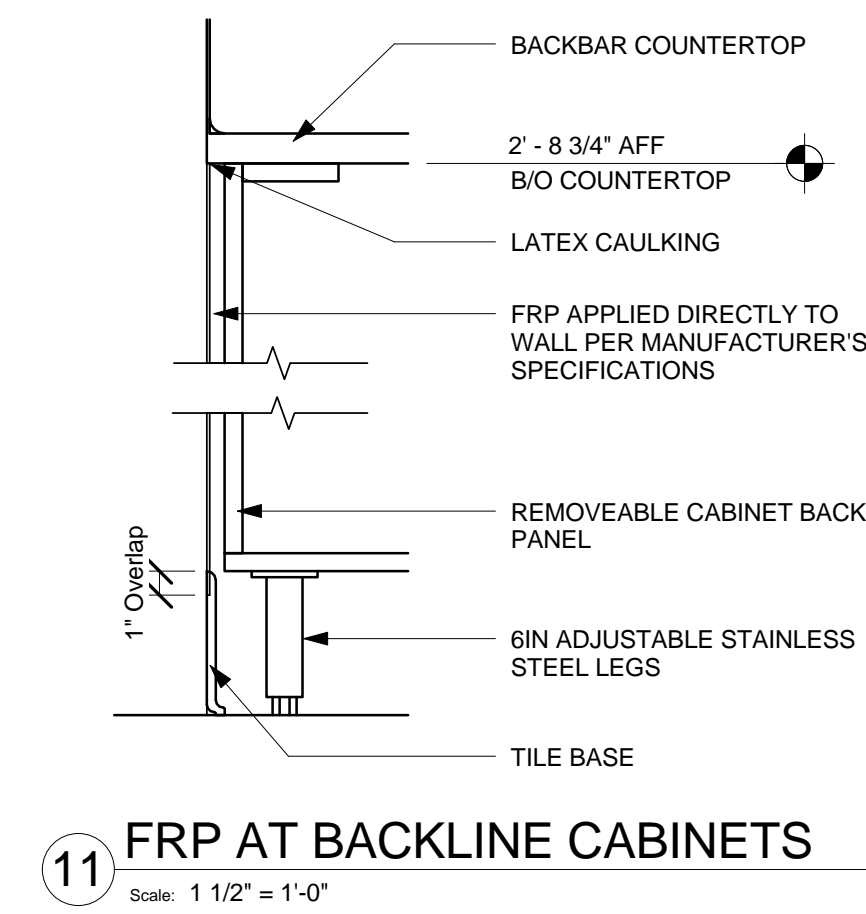
8 Wall Tile 2" Trim Detail
Scale: 6" = 1'-0"



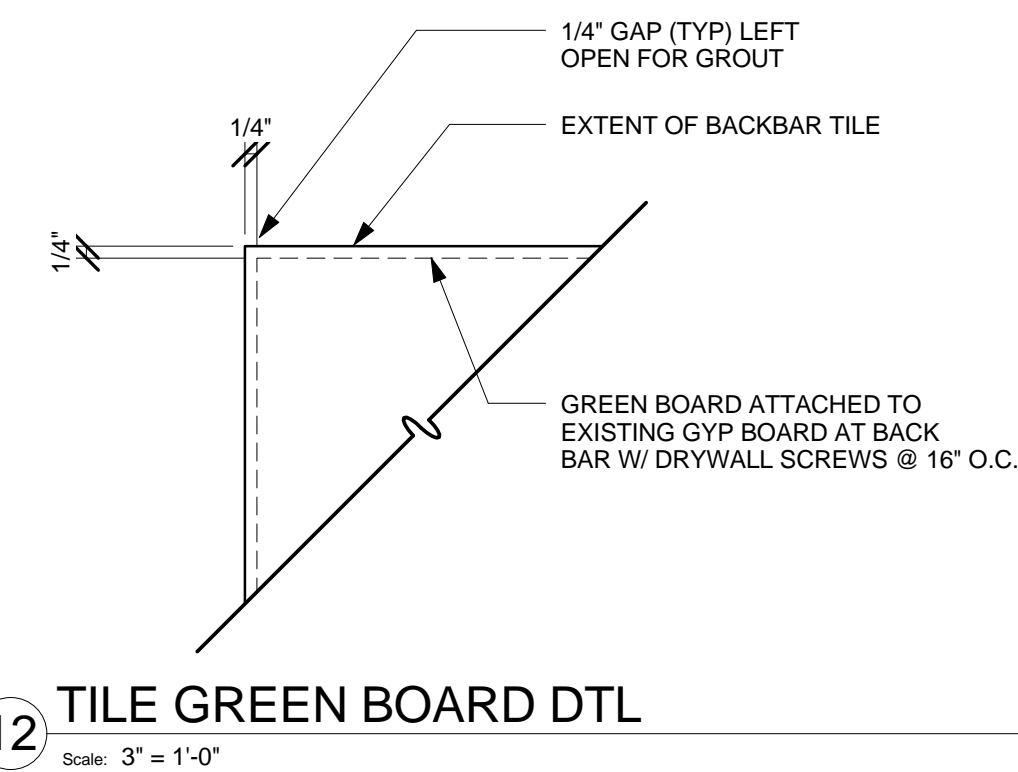
9 Wall Tile Above SS Backsplash
Scale: 3" = 1'-0"



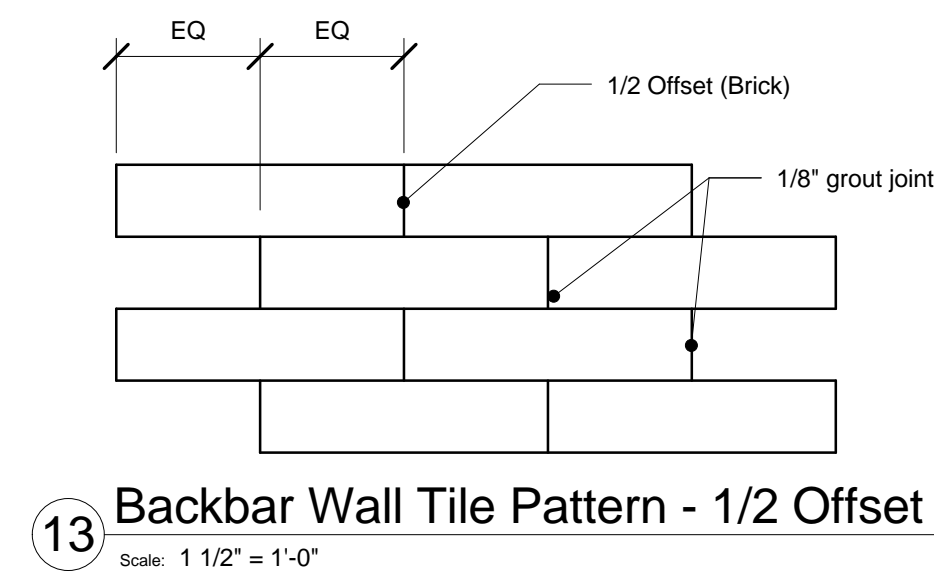
10 Wall Tile Above SST Backsplash
Scale: 3" = 1'-0"



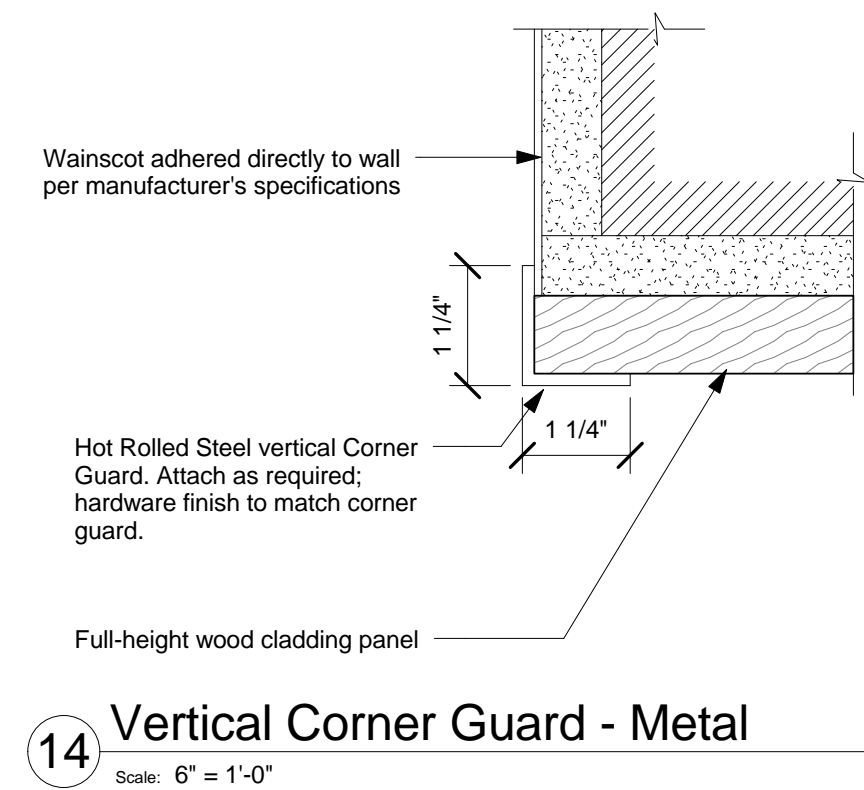
11 FRP AT BACKLINE CABINETS
Scale: 1 1/2\"/>



12 TILE GREEN BOARD DTL
Scale: 3" = 1'-0"



13 Backbar Wall Tile Pattern - 1/2 Offset
Scale: 1 1/2\"/>



14 Vertical Corner Guard - Metal
Scale: 6" = 1'-0"

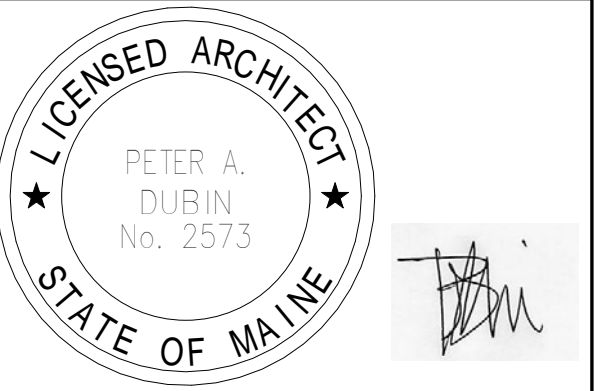


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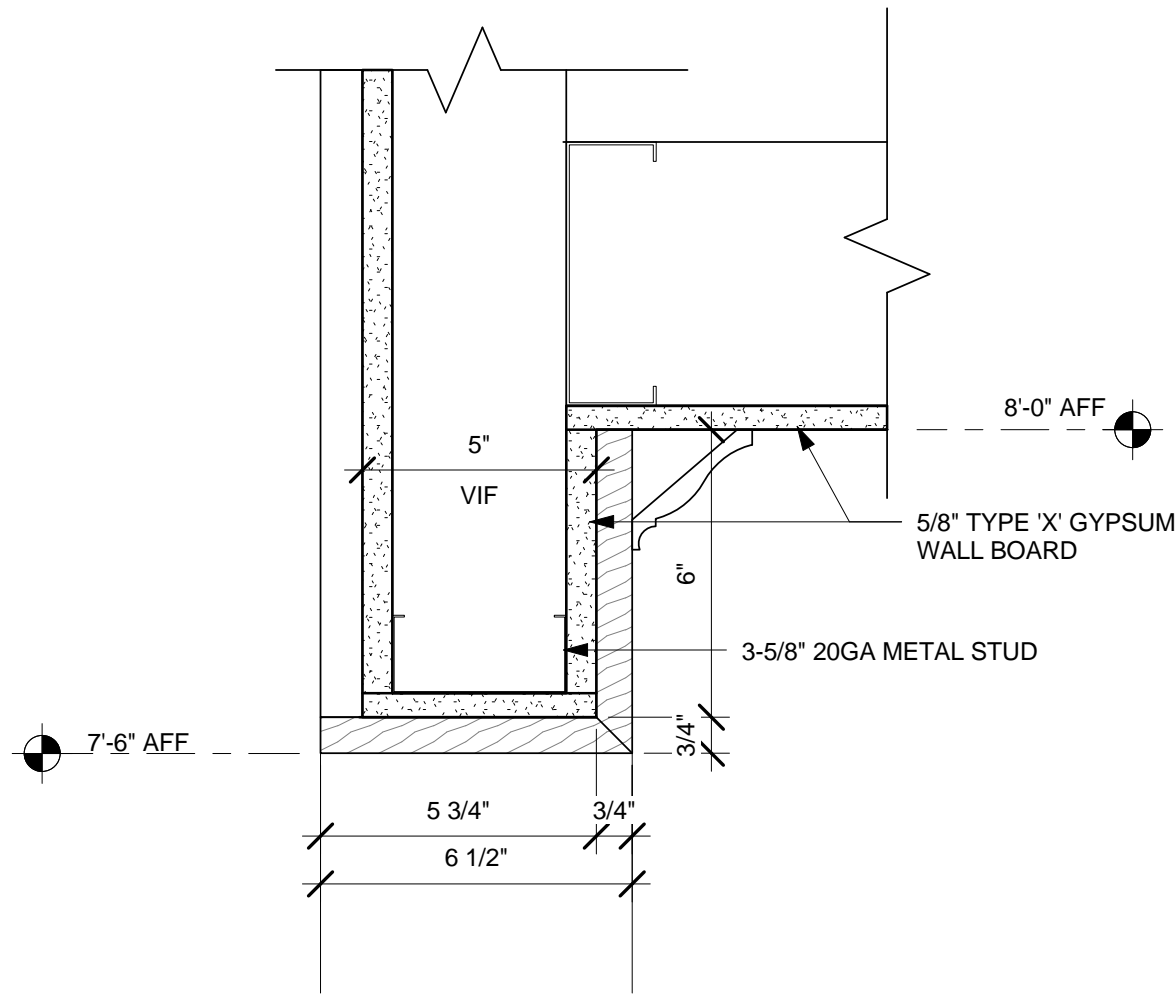
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DESIGN MANAGER: E. ZAKAMAREK
LEED® AP:
PRODUCTION DESIGNER: NORR ILLINOIS
CHECKED BY:

SHEET TITLE:
WALL FINISH DETAILS

SCALE: As indicated

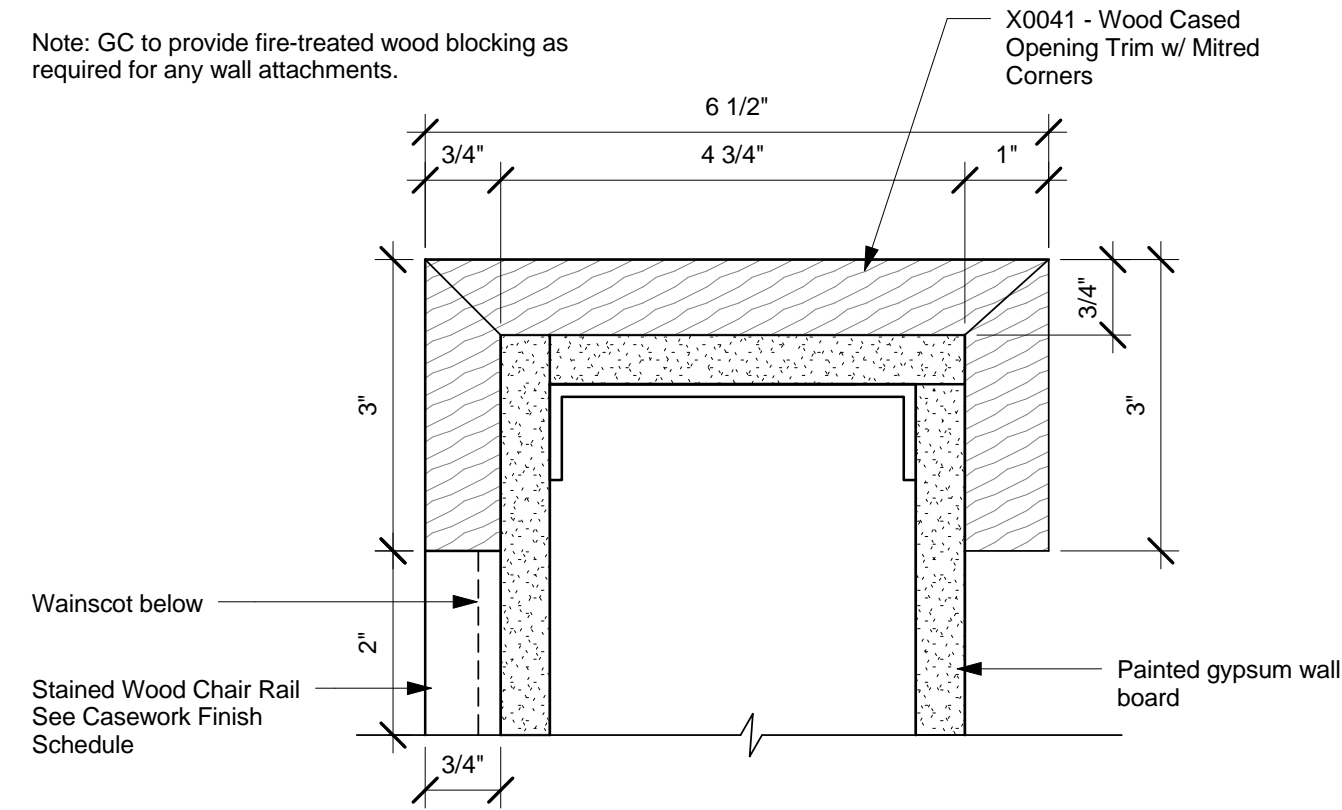
SHEET NUMBER:
I-505

NOTE: BY CASEWORK VENDOR. SEE SHEET I-602 FOR FINISH SCHEDULE.



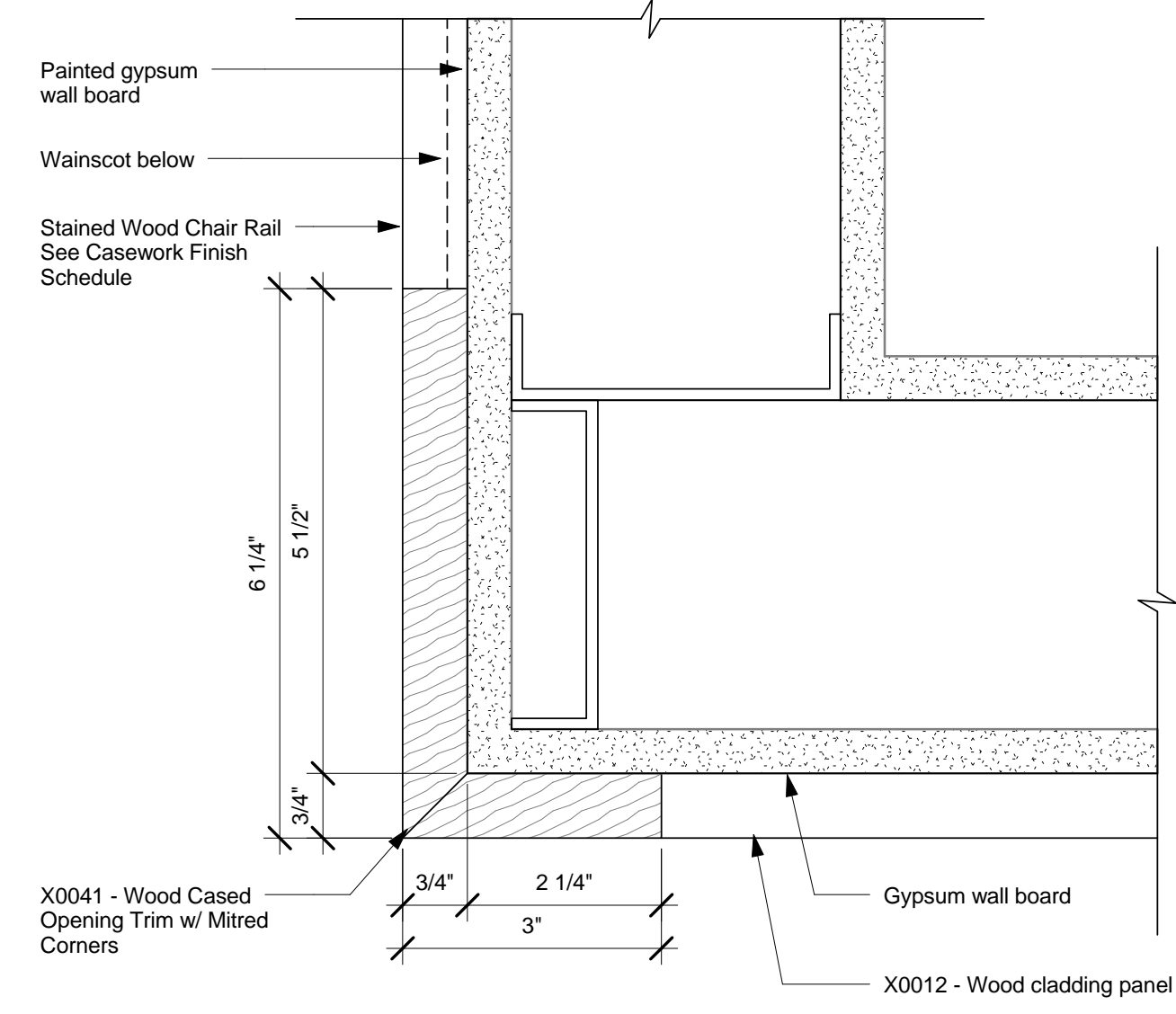
1 CASED OPENING 1 - SECTION
Scale: 3" = 1'-0"

Note: GC to provide fire-treated wood blocking as required for any wall attachments.



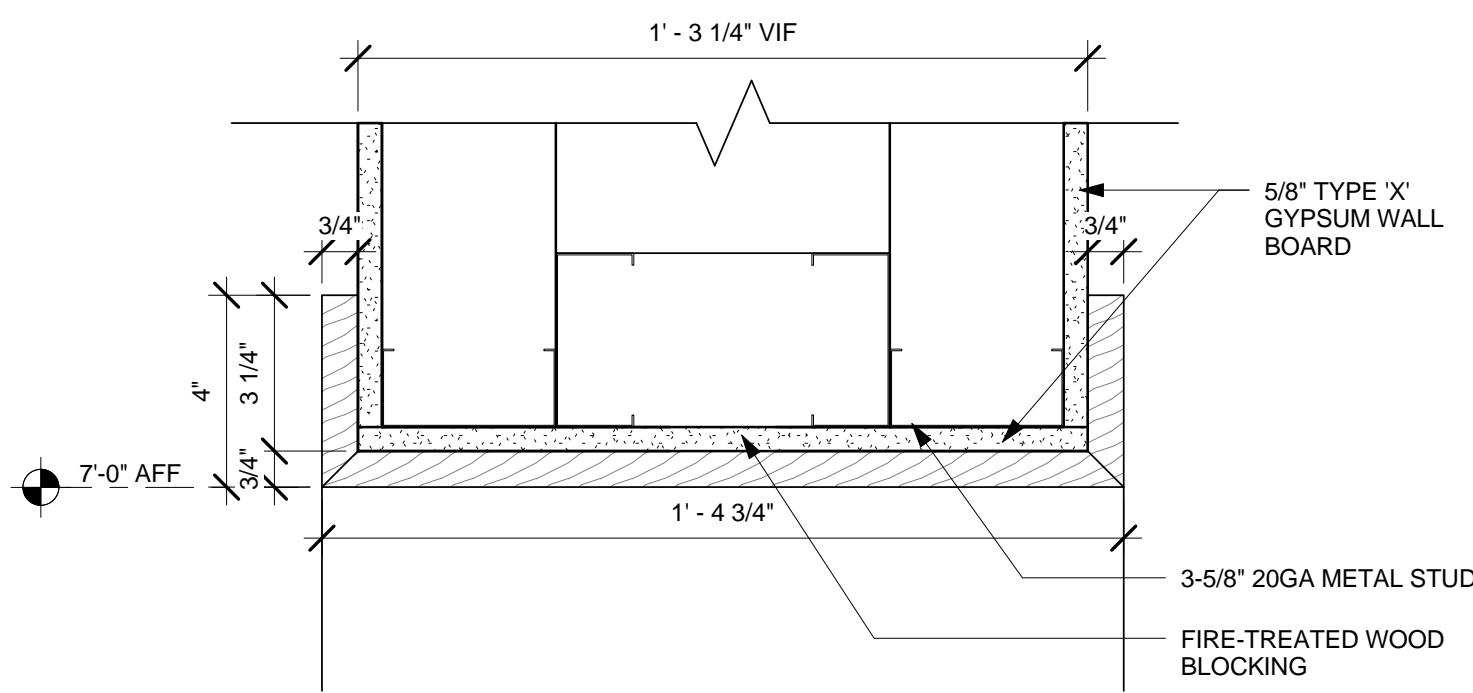
2 Cased Opening 1 - Plan A
Scale: 6" = 1'-0"

Note: GC to provide fire-treated wood blocking as required for any wall attachments.



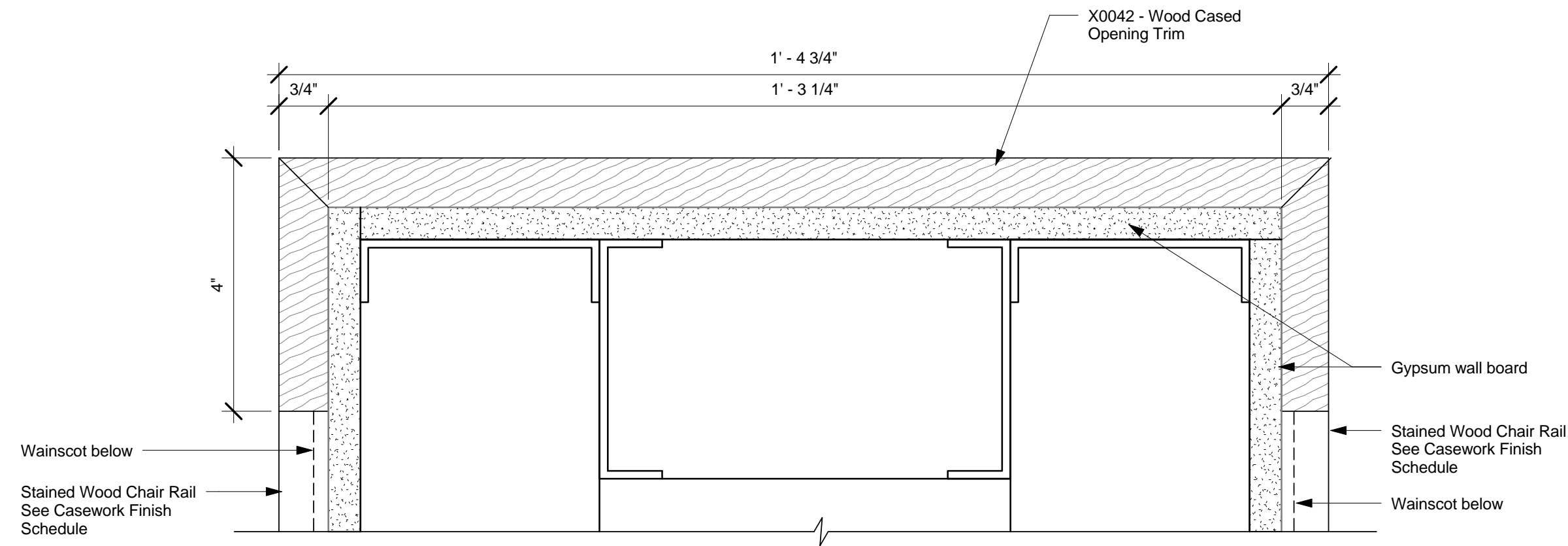
3 Cased Opening 1 - Plan B
Scale: 6" = 1'-0"

NOTE: BY CASEWORK VENDOR. SEE SHEET I-602 FOR FINISH SCHEDULE.



4 CASED OPENING 2 - SECTION
Scale: 3" = 1'-0"

Note: GC to provide fire-treated wood blocking as required for any wall attachments.



5 Chair Rail - Corner Wrap
Scale: 6" = 1'-0"



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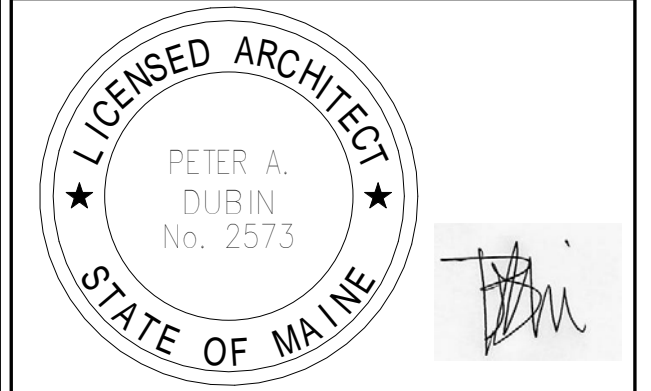
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Revision Schedule				
Rev	Date	By	Description	

PROJECT NAME:
COMMERCIAL STREET

PROJECT ADDRESS:
145 COMMERCIAL STREET
PORTLAND, ME 04101
CUMBERLAND COUNTY

STORE #: 19384
PROJECT #: 58862-001
CONCEPT: MCS
PALETTE: HERITAGE
ISSUE DATE: JAN. 11, 2013
DESIGN MANAGER: E. ZAKAMAREK
LEED® AP:
PRODUCTION DESIGNER: NORR ILLINOIS
CHECKED BY:

SHEET TITLE:
WALL FINISH DETAILS

SCALE: As indicated

SHEET NUMBER:
I-506



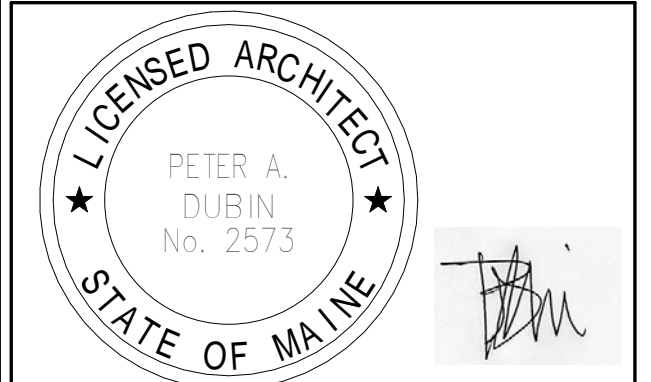
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Revision Schedule				
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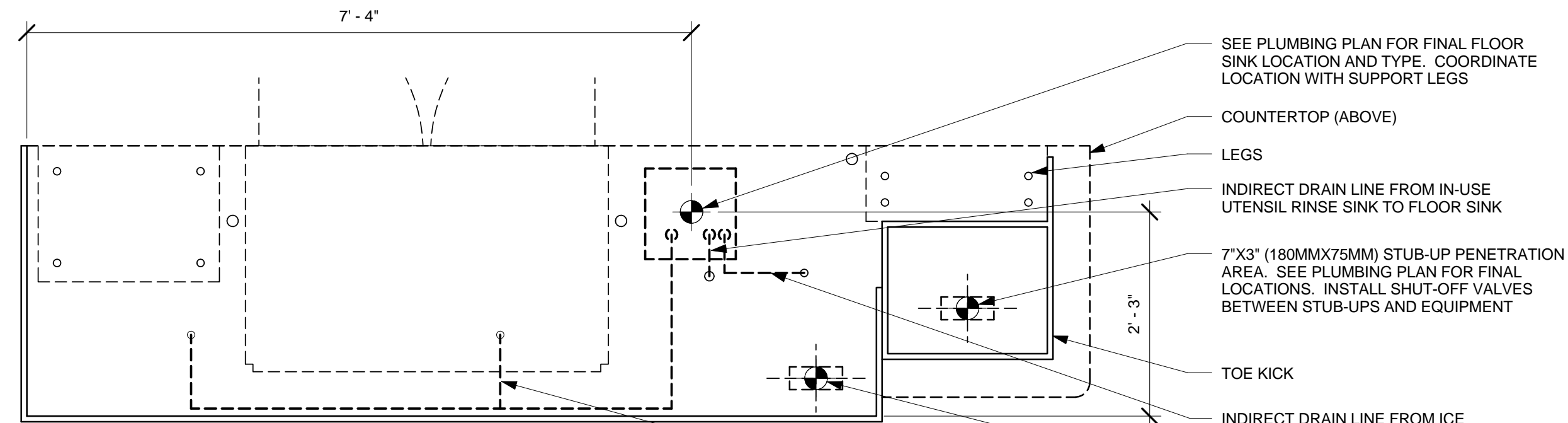
PROJECT NAME:
COMMERCIAL STREET
 PROJECT ADDRESS:
 145 COMMERCIAL STREET
 PORTLAND, ME 04101
 CUMBERLAND COUNTY

STORE #: 19384
 PROJECT #: 58862-001
 CONCEPT: MCS
 PALETTE: HERITAGE
 ISSUE DATE: JAN. 11, 2013
 DESIGN MANAGER: E. ZAKAMAREK
 LEED® AP:
 PRODUCTION DESIGNER: NORR ILLINOIS
 CHECKED BY:

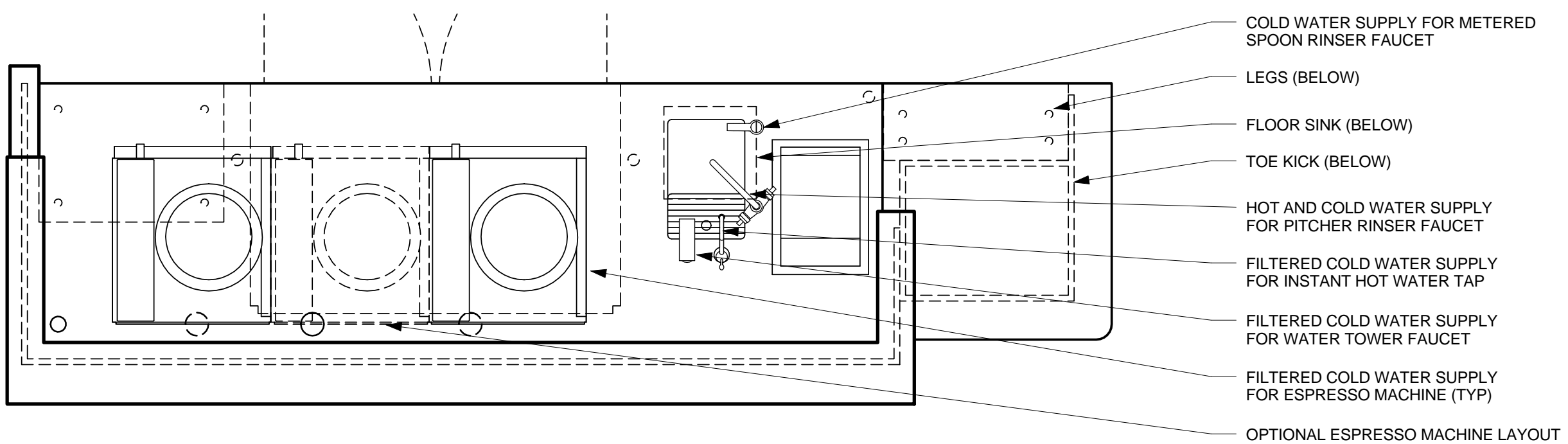
SHEET TITLE:
CASEWORK DETAILS

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

SHEET NUMBER:
 I-507



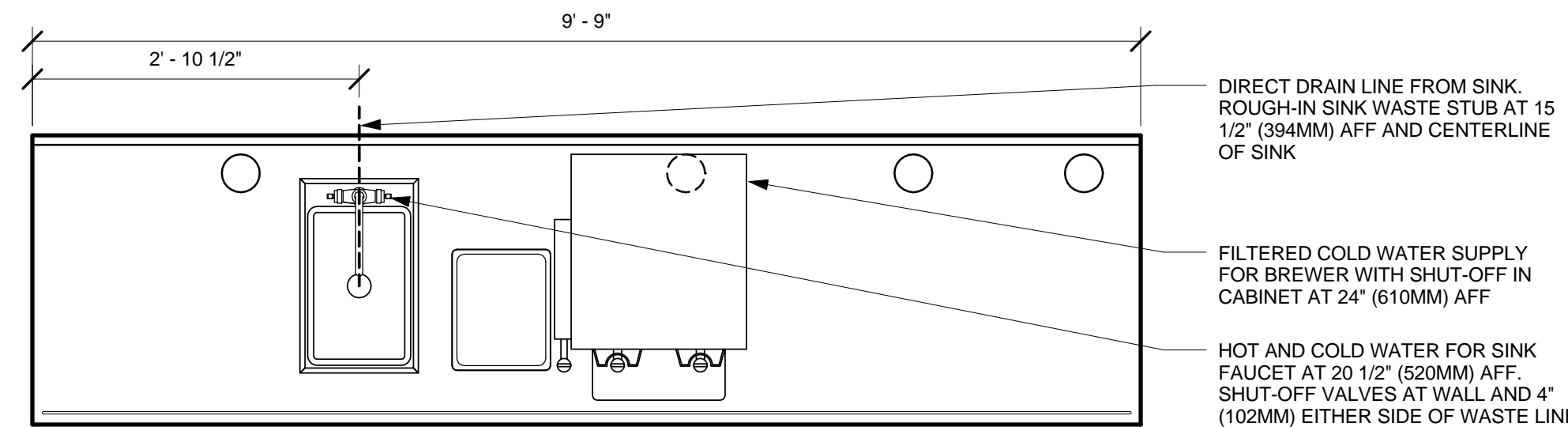
PLUMBING COMPONENTS



PLAN VIEW

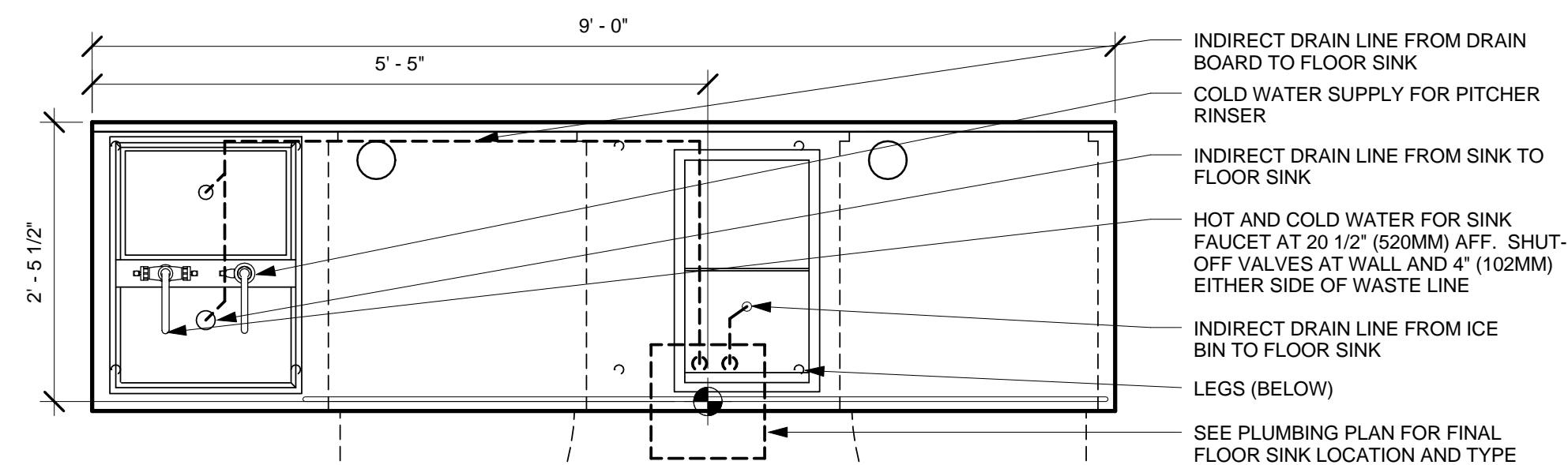
1 ESPRESSO 26 - PLUMBING - FOR REFERENCE ONLY

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



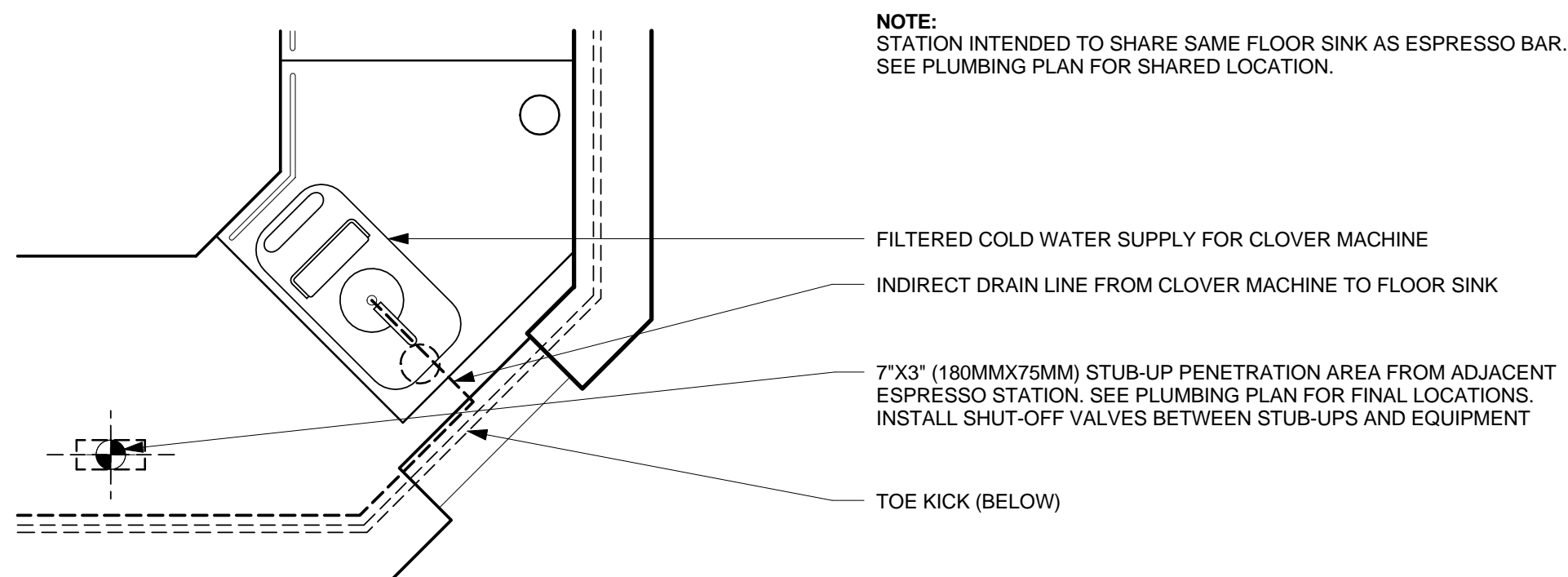
2 BREW 10 - PLUMBING - FOR REFERENCE ONLY

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



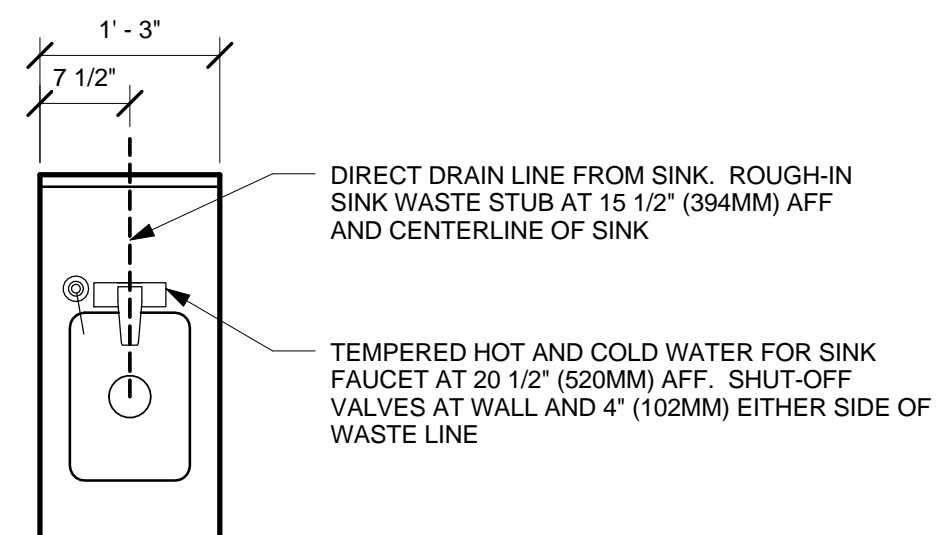
3 CBS 12 - PLUMBING - FOR REFERENCE ONLY

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



4 RESERVE 02 - PLUMBING - FOR REFERENCE ONLY

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



5 ADD 01 - PLUMBING - FOR REFERENCE ONLY

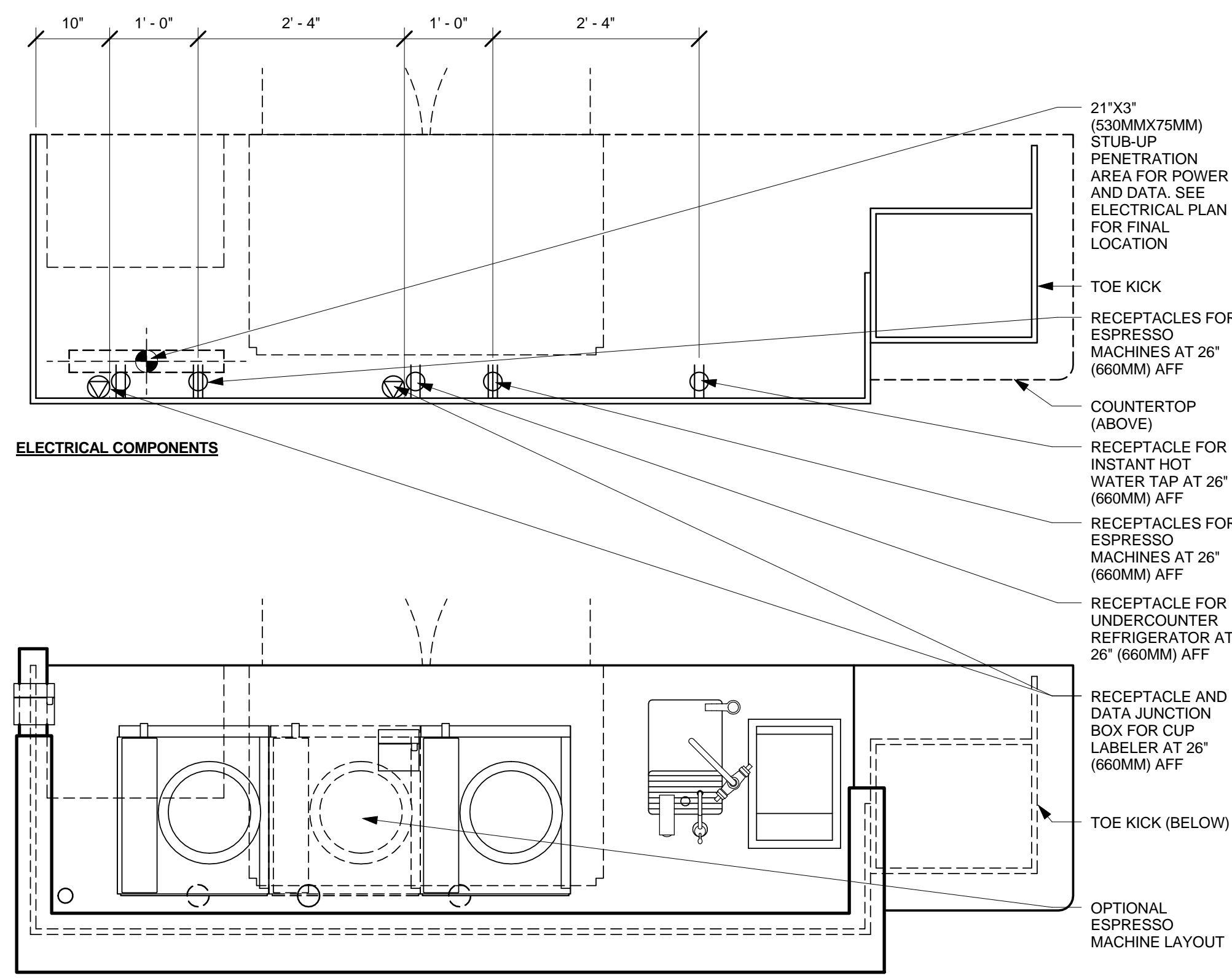
Scale: 3/4" = 1'-0"

NOTE:
 STATION INTENDED TO SHARE SAME FLOOR SINK AS ESPRESSO BAR.
 SEE PLUMBING PLAN FOR SHARED LOCATION.

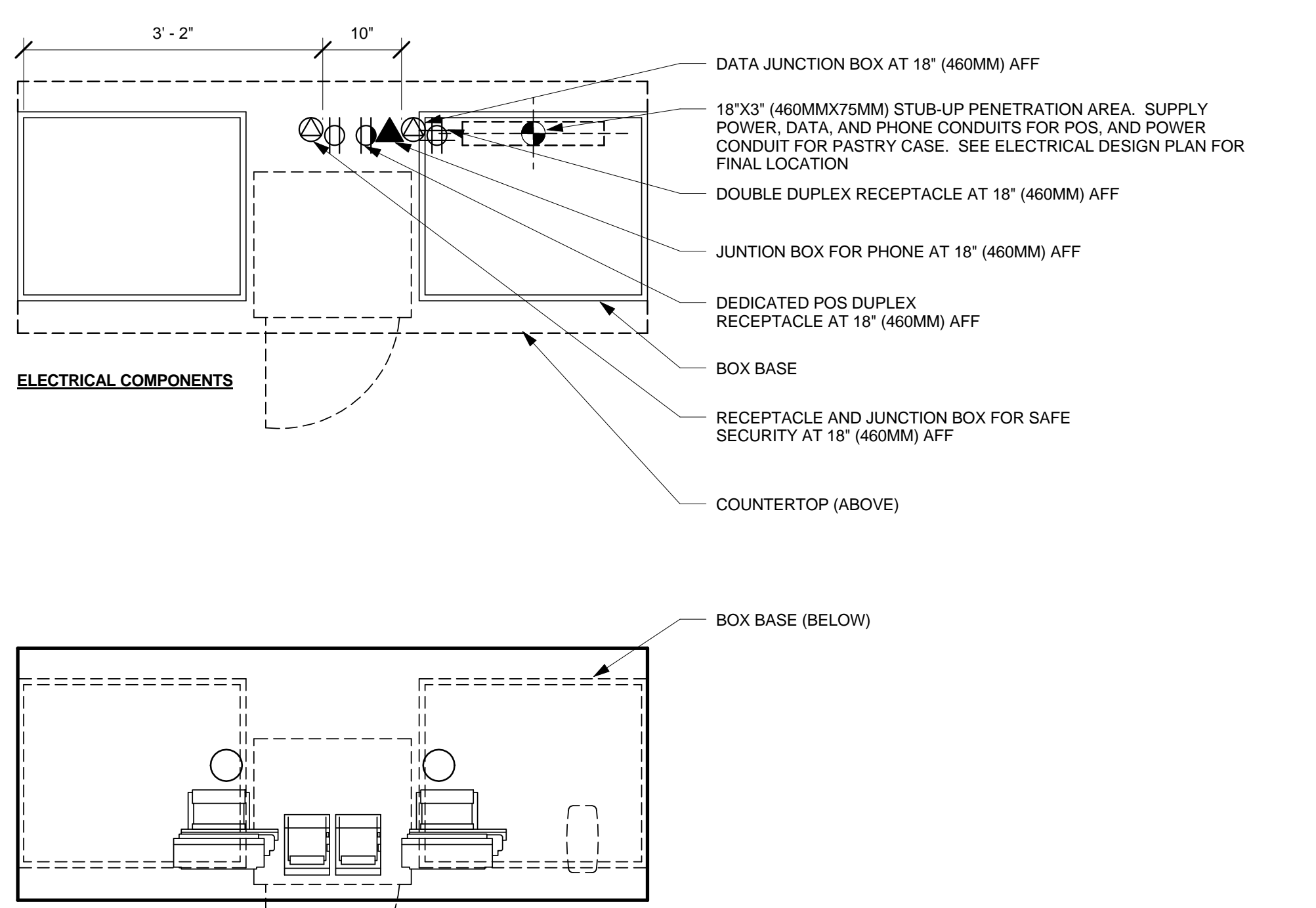
FILTERED COLD WATER SUPPLY FOR CLOVER MACHINE
 INDIRECT DRAIN LINE FROM CLOVER MACHINE TO FLOOR SINK
 7'X3' (180MMX75MM) STUB-UP PENETRATION AREA FROM ADJACENT ESPRESSO STATION. SEE PLUMBING PLAN FOR FINAL LOCATIONS. INSTALL SHUT-OFF VALVES BETWEEN STUB-UPS AND EQUIPMENT
 TOE KICK (BELOW)

DIRECT DRAIN LINE FROM SINK. ROUGH-IN SINK WASTE STUB AT 15 1/2" (394MM) AFF AND CENTERLINE OF SINK
 TEMPERED HOT AND COLD WATER FOR SINK FAUCET AT 20 1/2" (520MM) AFF. SHUT-OFF VALVES AT WALL AND 4" (102MM) EITHER SIDE OF WASTE LINE

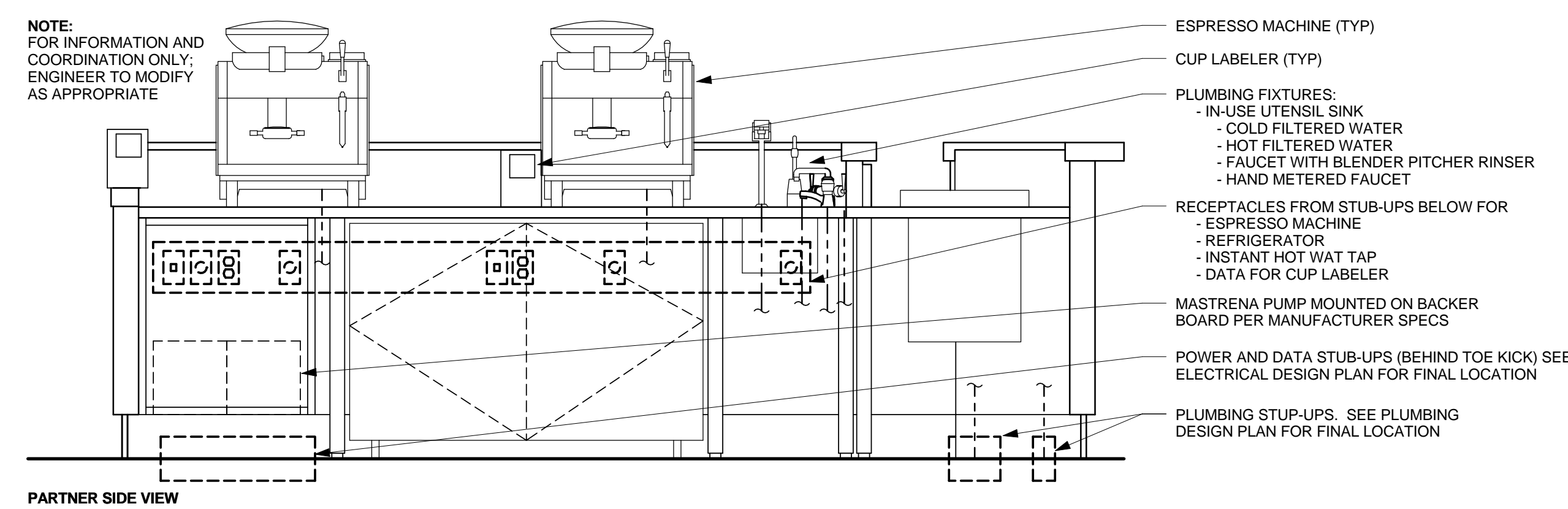
1/23/2013 11:25:03 AM Y:\ME - 145 Commercial Street_Porland\drawings\arch\Commercial Street_ME - CD.rvt



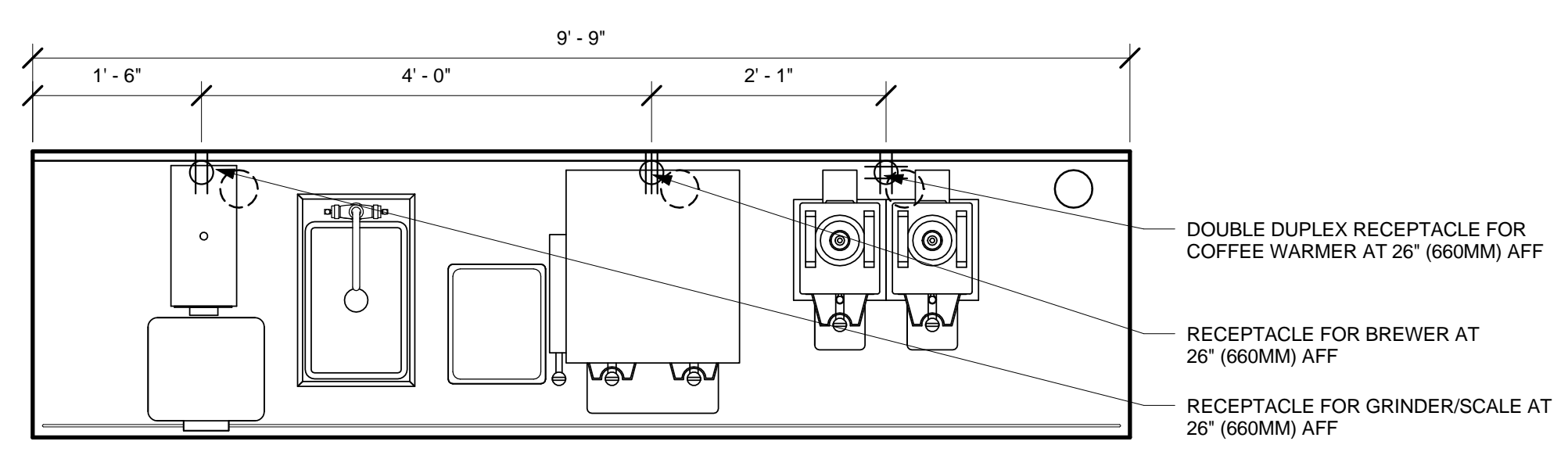
1 ESPRESSO 26 - ELECTRICAL
Scale: 3/4" = 1'-0"



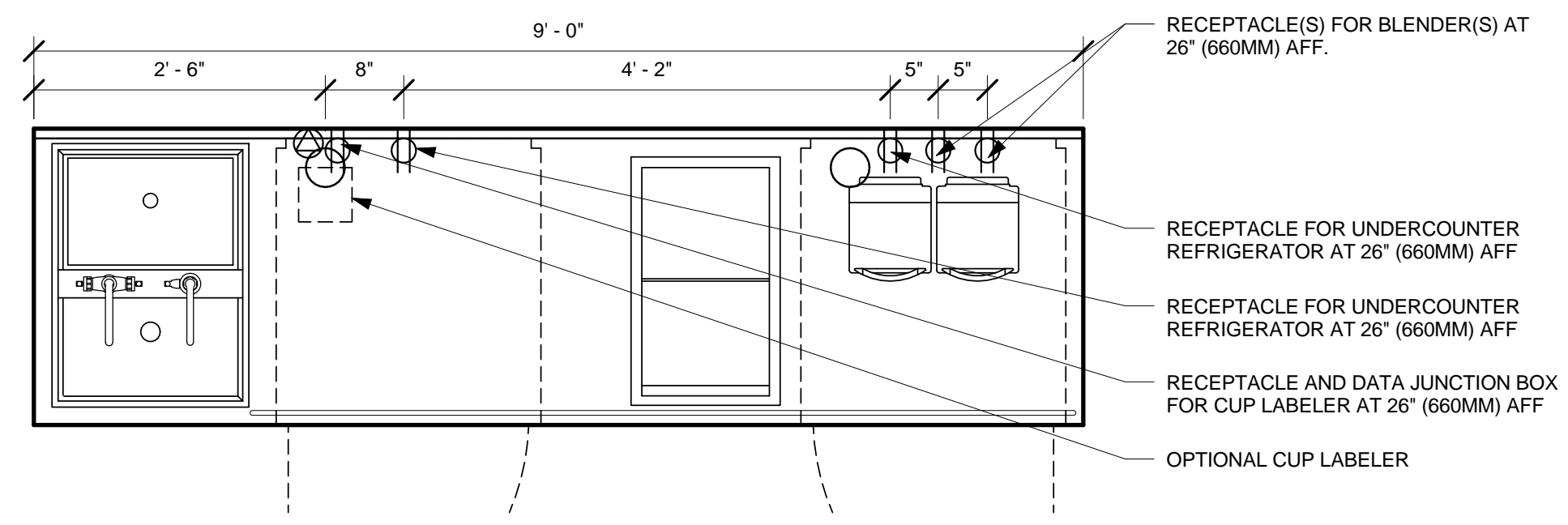
4 POS 13 - ELECTRICAL
Scale: 3/4" = 1'-0"



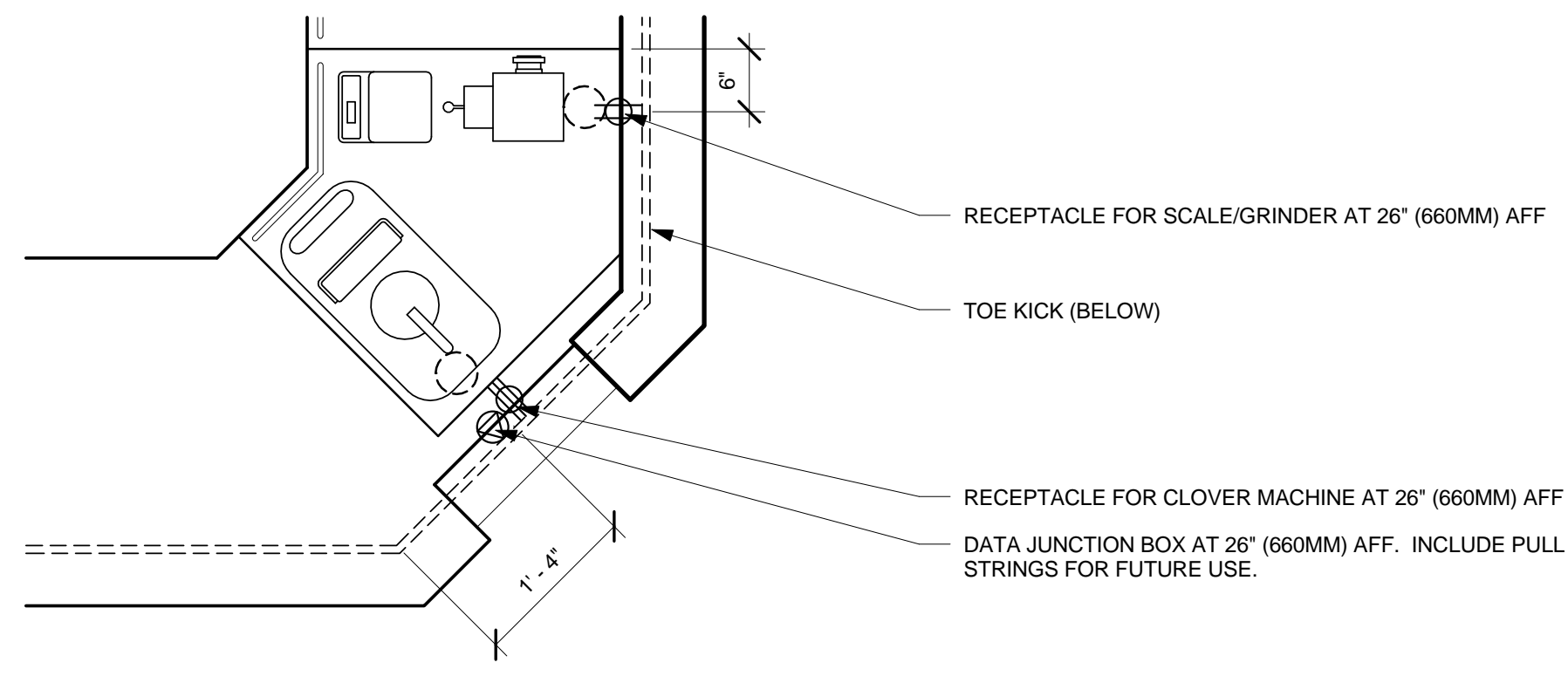
2 GENERIC DOUBLE ESP MEP DIAGRAM
Scale: 3/4" = 1'-0"



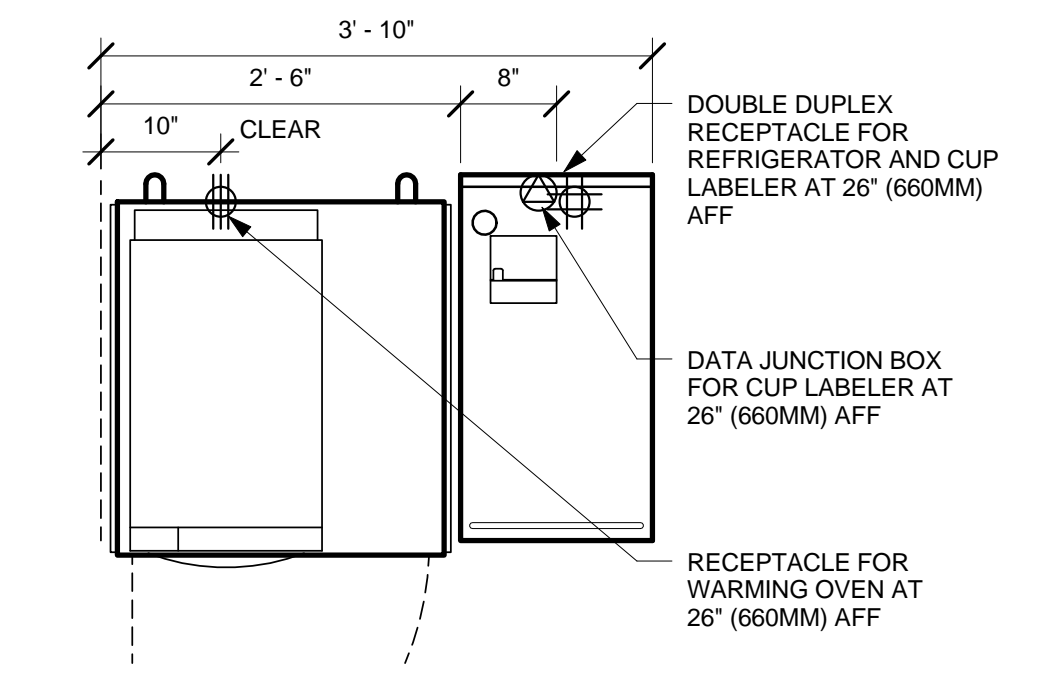
3 BREW 10 - ELECTRICAL
Scale: 3/4" = 1'-0"



5 CBS 12 - ELECTRICAL
Scale: 3/4" = 1'-0"



6 RESERVE 02 - ELECTRICAL
Scale: 3/4" = 1'-0"



7 WARMING 02 - ELECTRICAL
Scale: 3/4" = 1'-0"

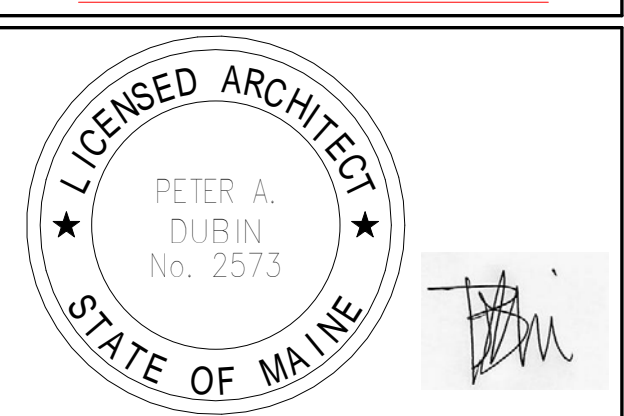


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Rev	Date	By	Description	

PROJECT NAME:
COMMERCIAL STREET

PROJECT ADDRESS:
**145 COMMERCIAL STREET
PORTLAND, ME 04101
CUMBERLAND COUNTY**

STORE #: 19384
PROJECT #: 58862-001
CONCEPT: MCS
PALETTE: HERITAGE
ISSUE DATE: JAN. 11, 2013
DESIGN MANAGER: E. ZAKAMAREK
LEED® AP:
PRODUCTION DESIGNER: NORR ILLINOIS
CHECKED BY:

SHEET TITLE:
CASEWORK DETAILS

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

SHEET NUMBER:
I-508



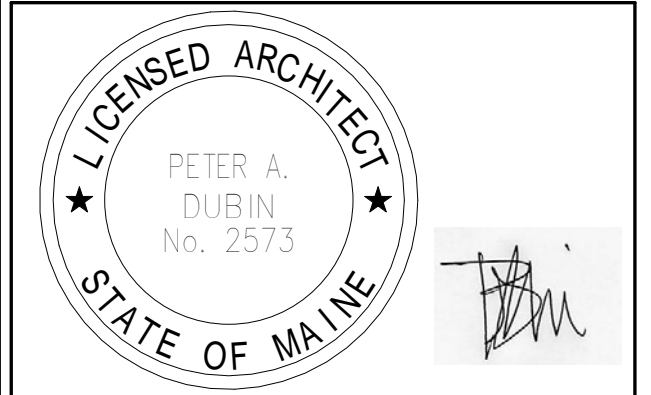
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Rev	Date	By	Description

PROJECT NAME:
COMMERCIAL STREET
 PROJECT ADDRESS:
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 PORTLAND, ME 04101
 CUMBERLAND COUNTY

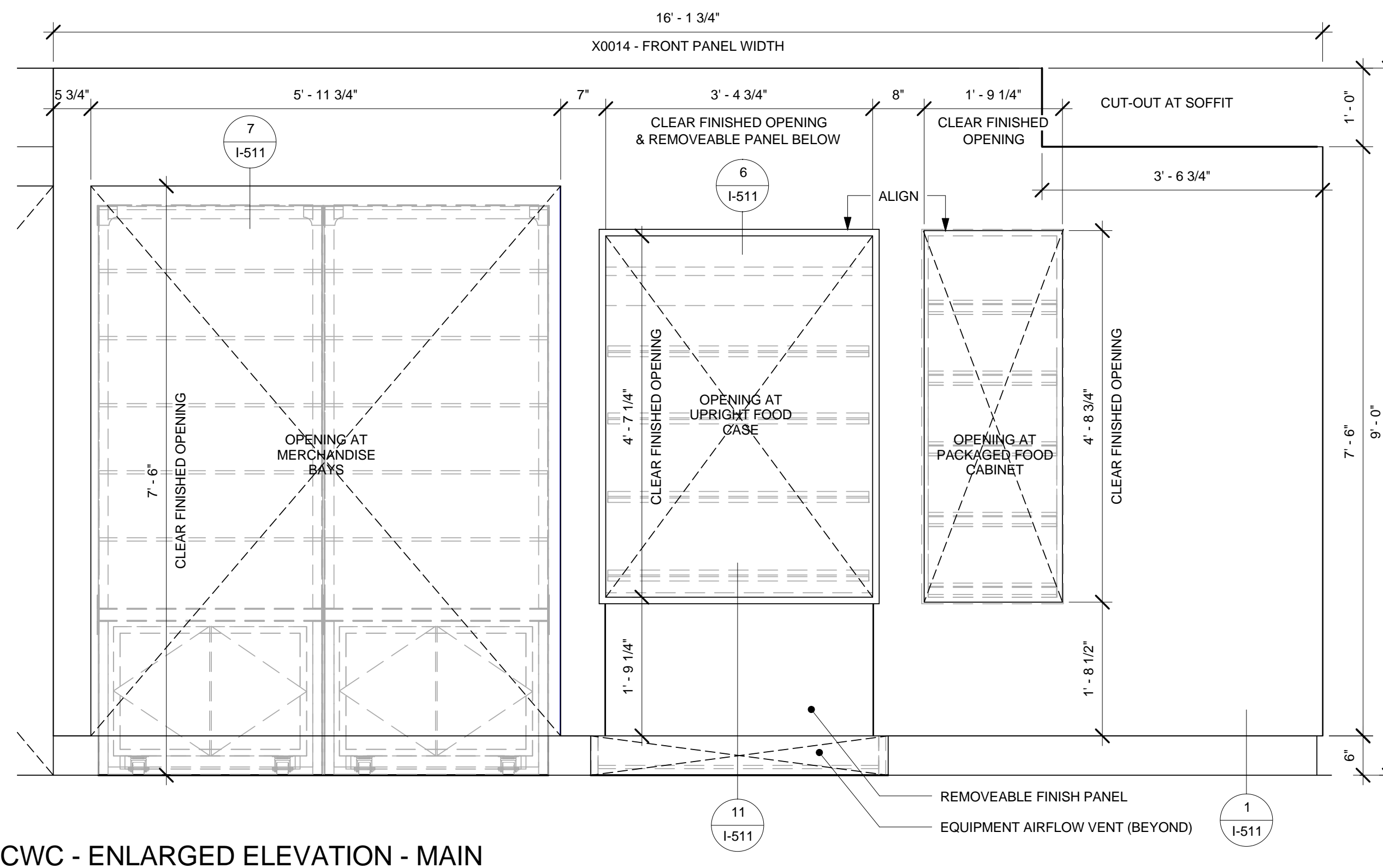
STORE #: 19384
 PROJECT #: 58862-001
 CONCEPT: MCS
 PALETTE: HERITAGE
 ISSUE DATE: JAN. 11, 2013
 DESIGN MANAGER: E. ZAKAMAREK
 LEED® AP:
 PRODUCTION DESIGNER: NORR ILLINOIS
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SHEET TITLE:
CASEWORK DETAILS

SCALE: As indicated

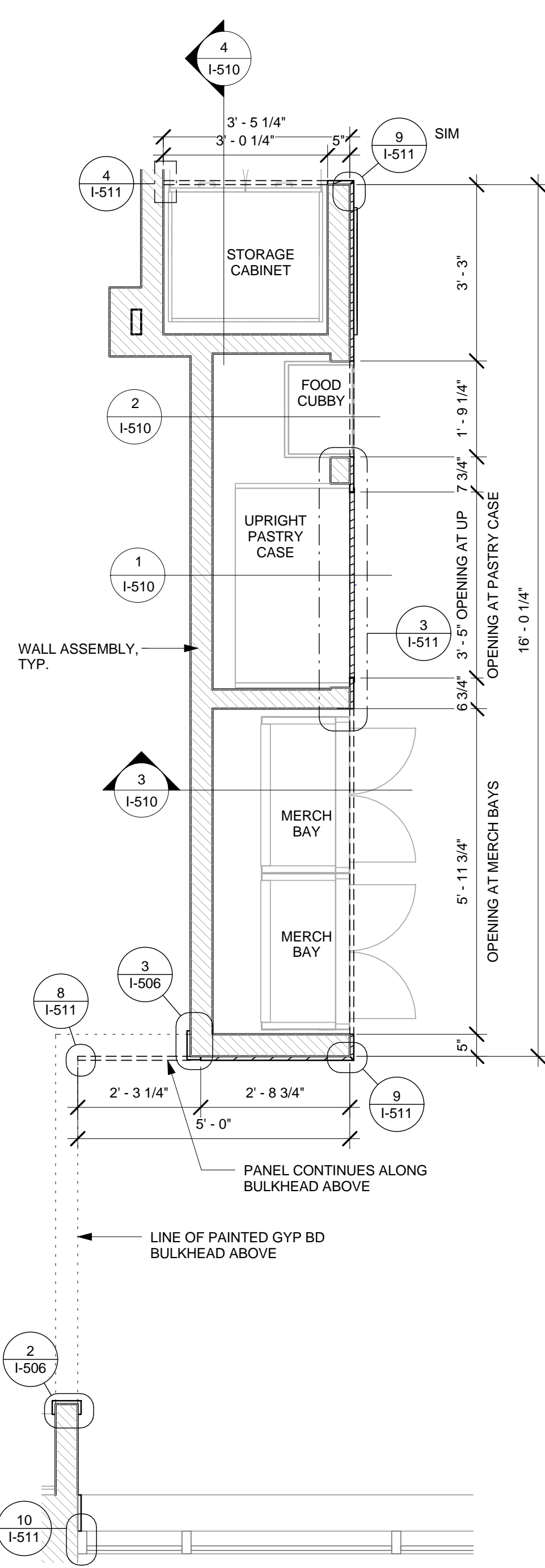
SHEET NUMBER:
1-509

NOTE: BY CASEWORK VENDOR. GC TO VERIFY ALL DIMENSIONS IN-FIELD. SEE SHEET I-602 FOR FINISH SCHEDULE.

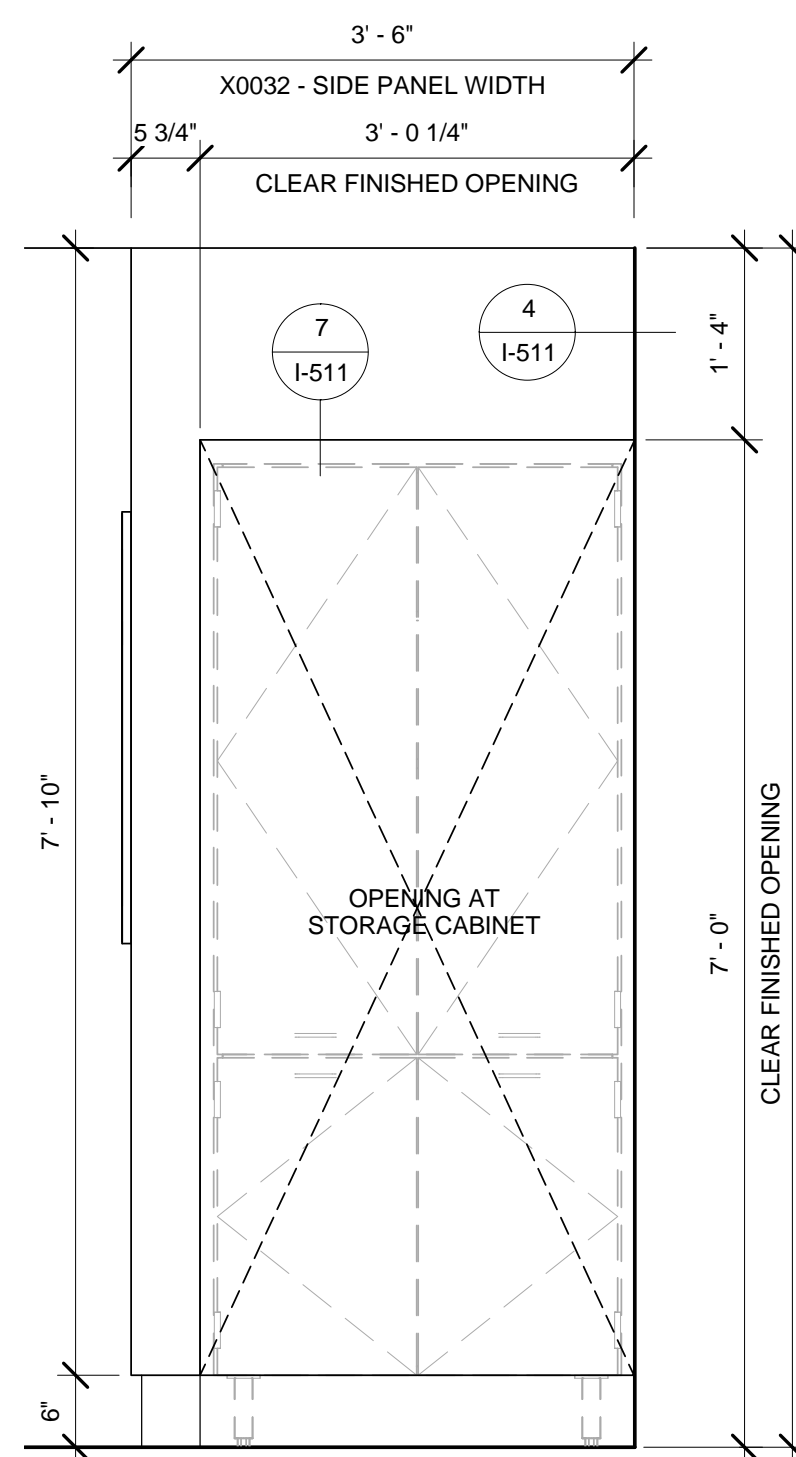


2 CWC - ENLARGED ELEVATION - MAIN
 Scale: 3/4" = 1'-0"

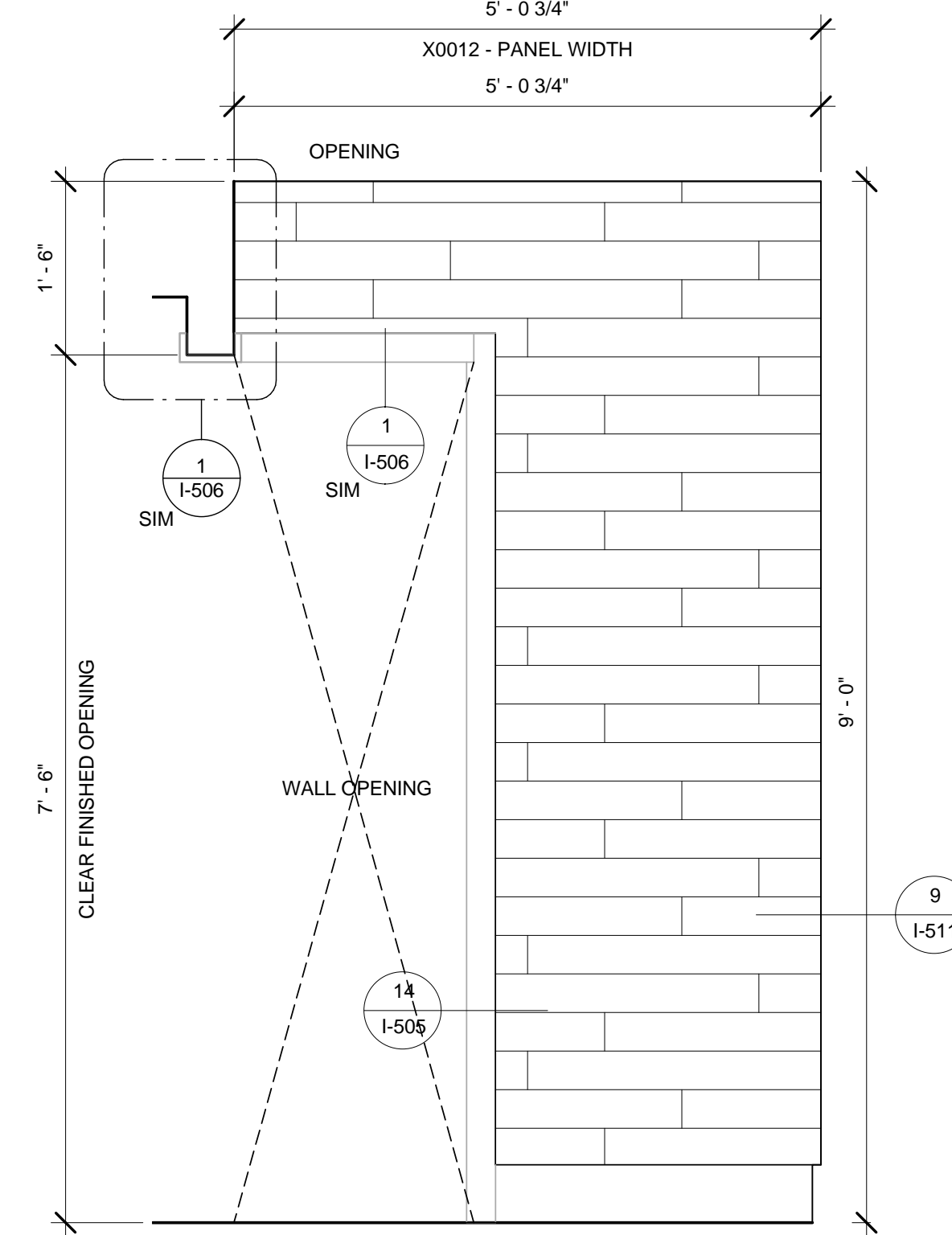
NOTE: DIMENSIONS NOTE GYP BD WALLS AND OPENINGS W/O CLADDING



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

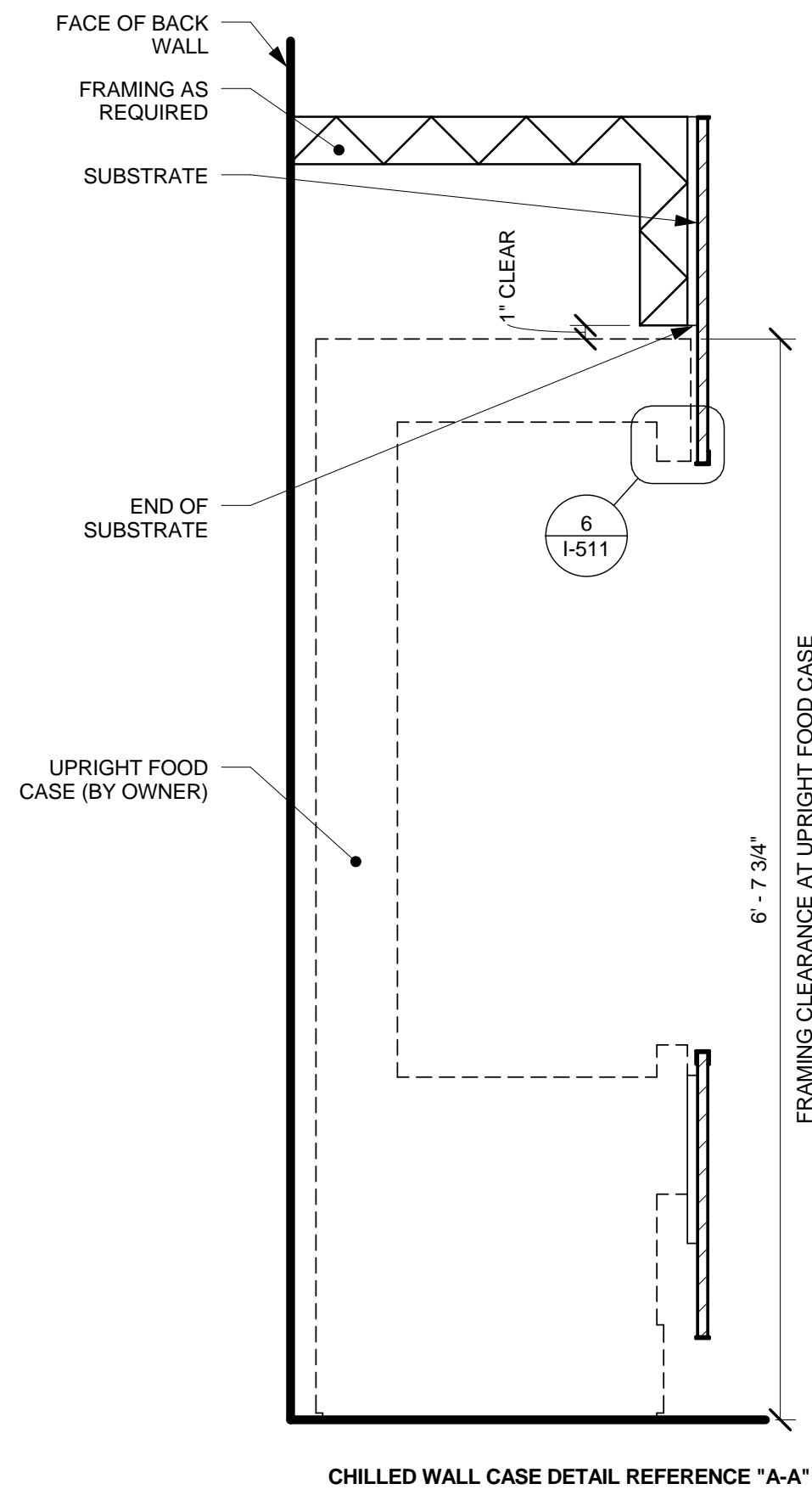


3 CWC - ENLARGED ELEVATION - SIDE 1
 Scale: 3/4" = 1'-0"

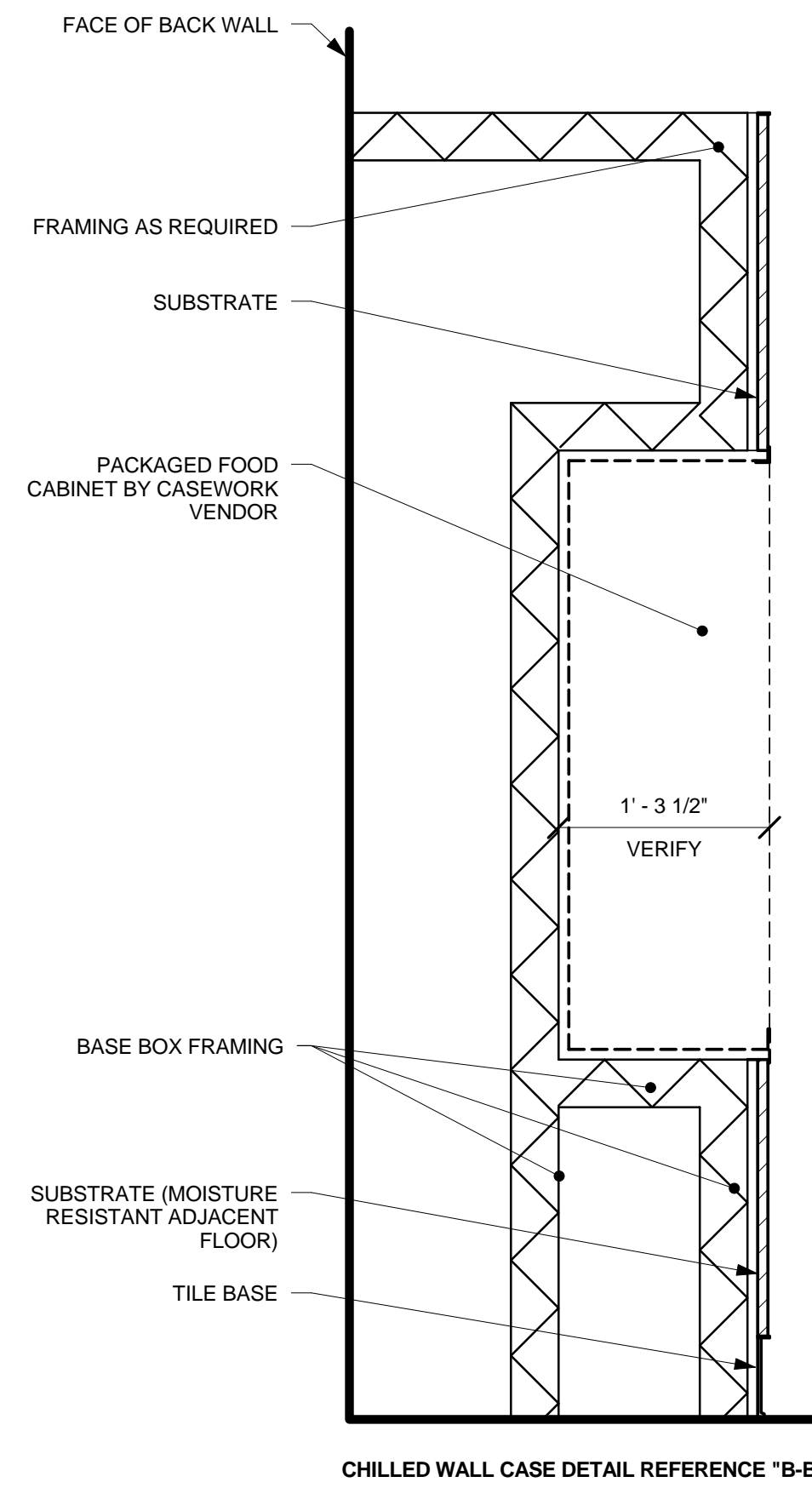


4 CWC - ENLARGED ELEVATION - SIDE 2
 Scale: 3/4" = 1'-0"

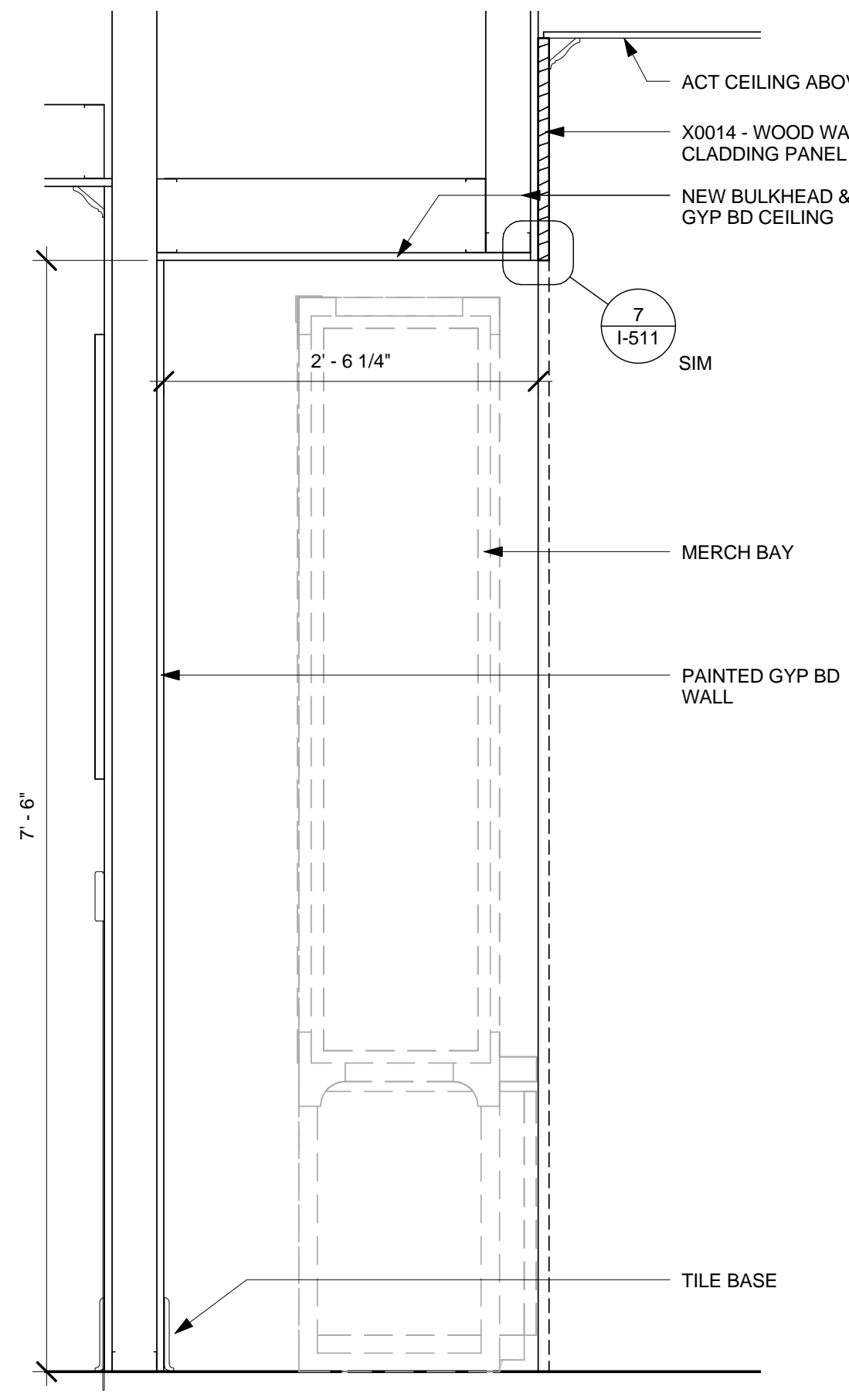
NOTE: BY CASEWORK VENDOR. GC TO VERIFY ALL DIMENSIONS IN-FIELD. SEE SHEET I-602 FOR FINISH SCHEDULE.



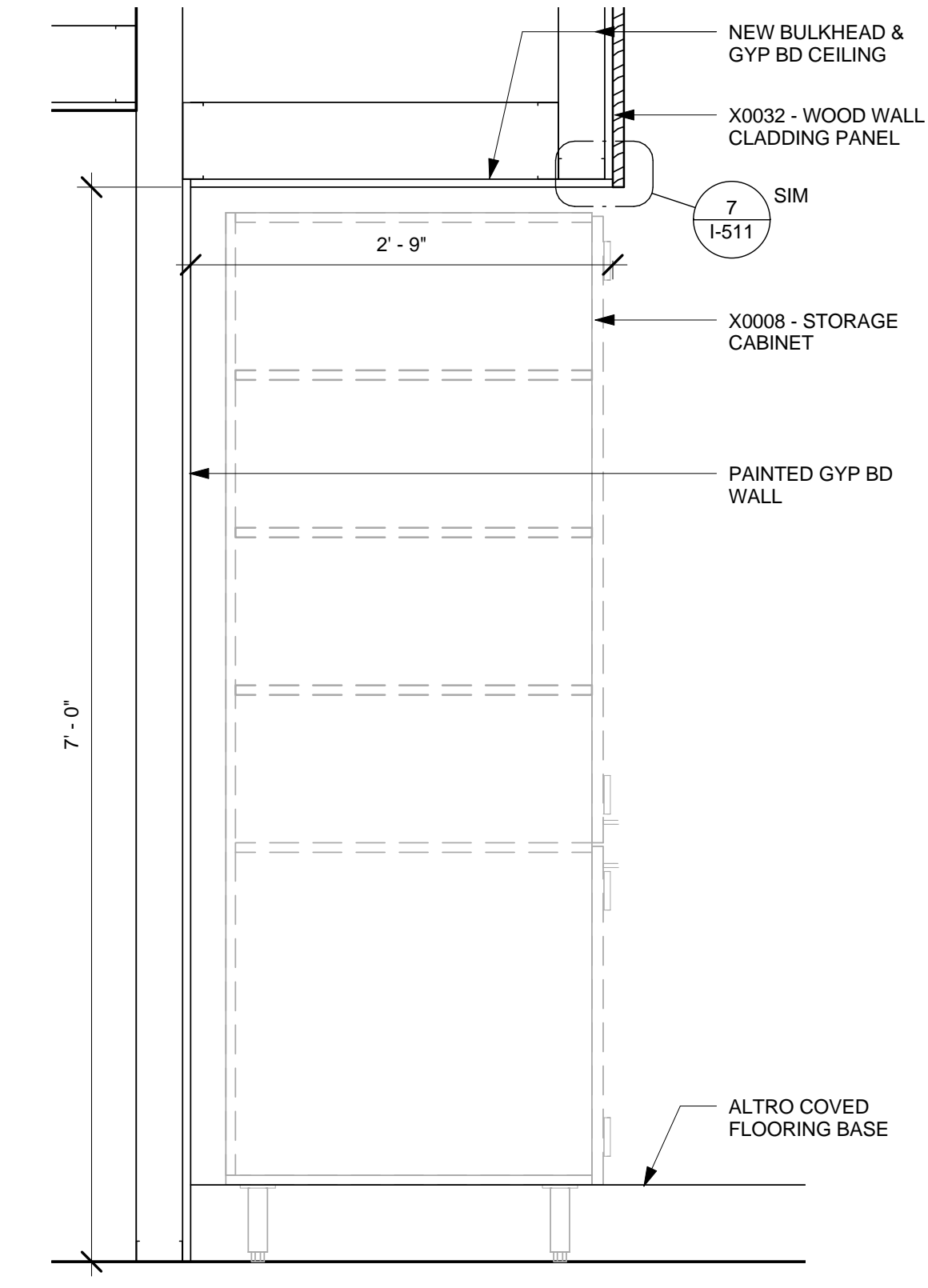
1 SECTION AT CHILLED WALL CASE
Scale: 1" = 1'-0"



2 SECTION AT PACKAGED FOOD INSERT CABINET
Scale: 1" = 1'-0"



3 SECTION AT MERCH BAY
Scale: 1" = 1'-0"



4 SECTION AT STORAGE CABINET
Scale: 1" = 1'-0"

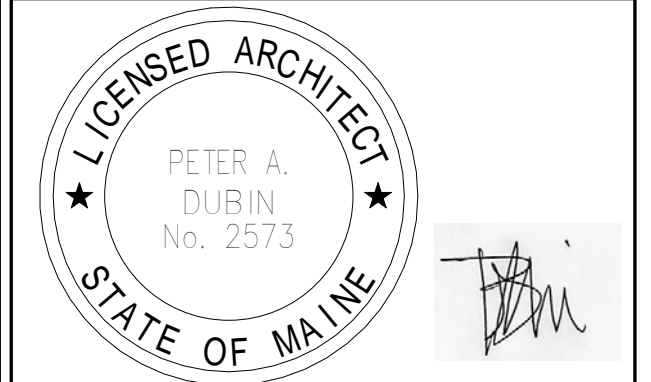


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COMMERCIAL STREET
PROJECT ADDRESS:
145 COMMERCIAL STREET
PORTLAND, ME 04101
CUMBERLAND COUNTY

STORE #: 19384
PROJECT #: 58862-001
CONCEPT: MCS
PALETTE: HERITAGE
ISSUE DATE: JAN. 11, 2013
DESIGN MANAGER: E. ZAKAMAREK
LEED® AP:
PRODUCTION DESIGNER: NORR ILLINOIS
CHECKED BY:

SHEET TITLE:
CASEWORK DETAILS

SCALE: 1" = 1'-0"

SHEET NUMBER:
I-510



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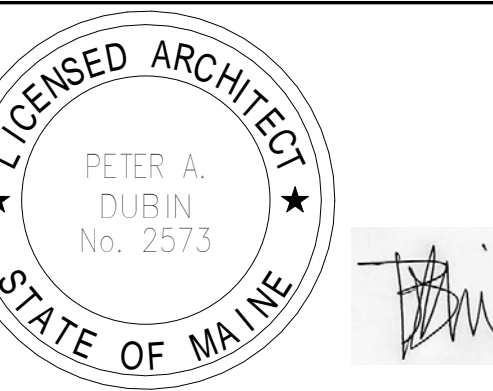
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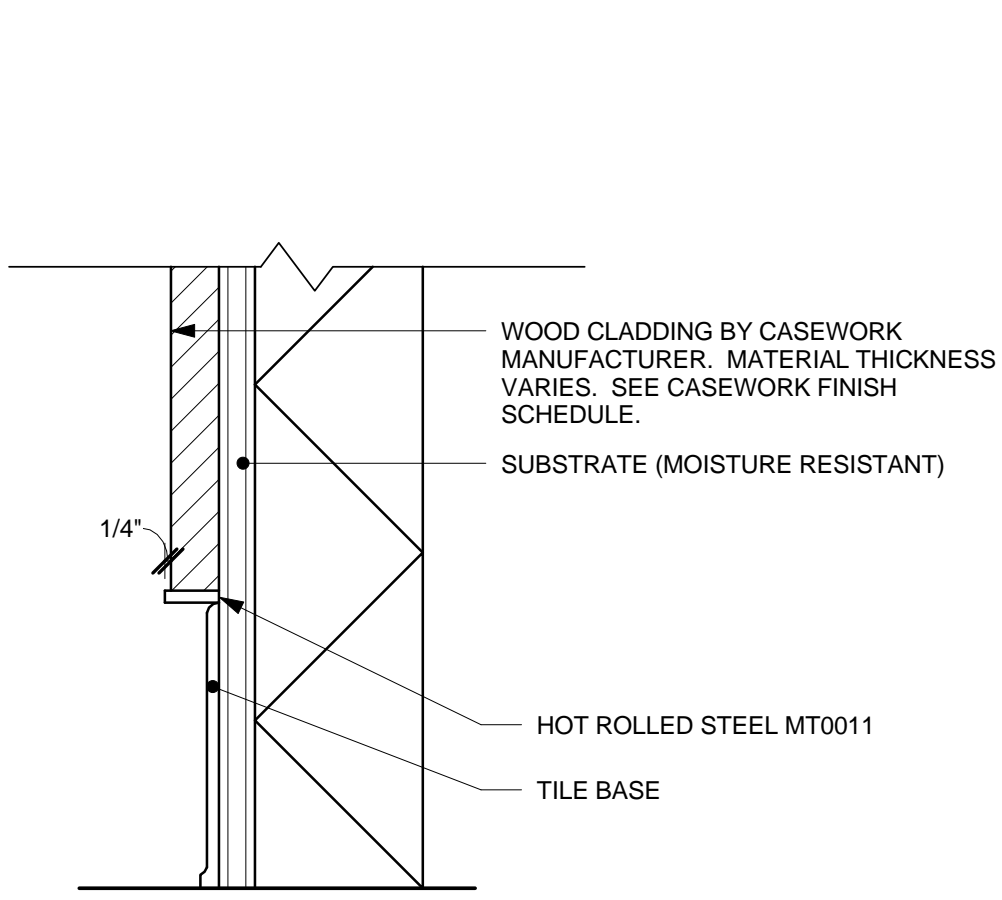
PROJECT NAME:
COMMERCIAL STREET
 PROJECT ADDRESS:
 145 COMMERCIAL STREET
 PORTLAND, ME 04101
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STORE #: 19384
 PROJECT #: 58862-001
 CONCEPT: MCS
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 DESIGN MANAGER: E. ZAKAMAREK
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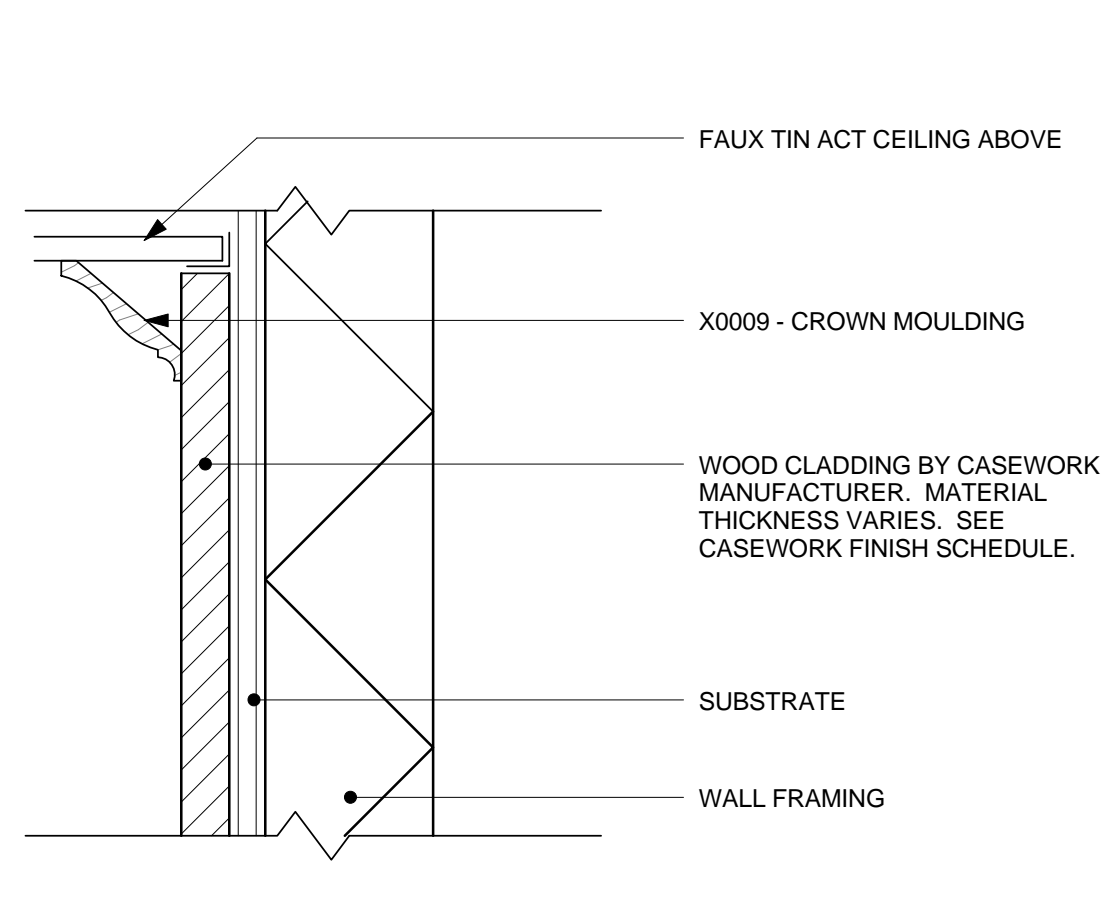
SHEET TITLE:
CASEWORK DETAILS

SCALE: As indicated

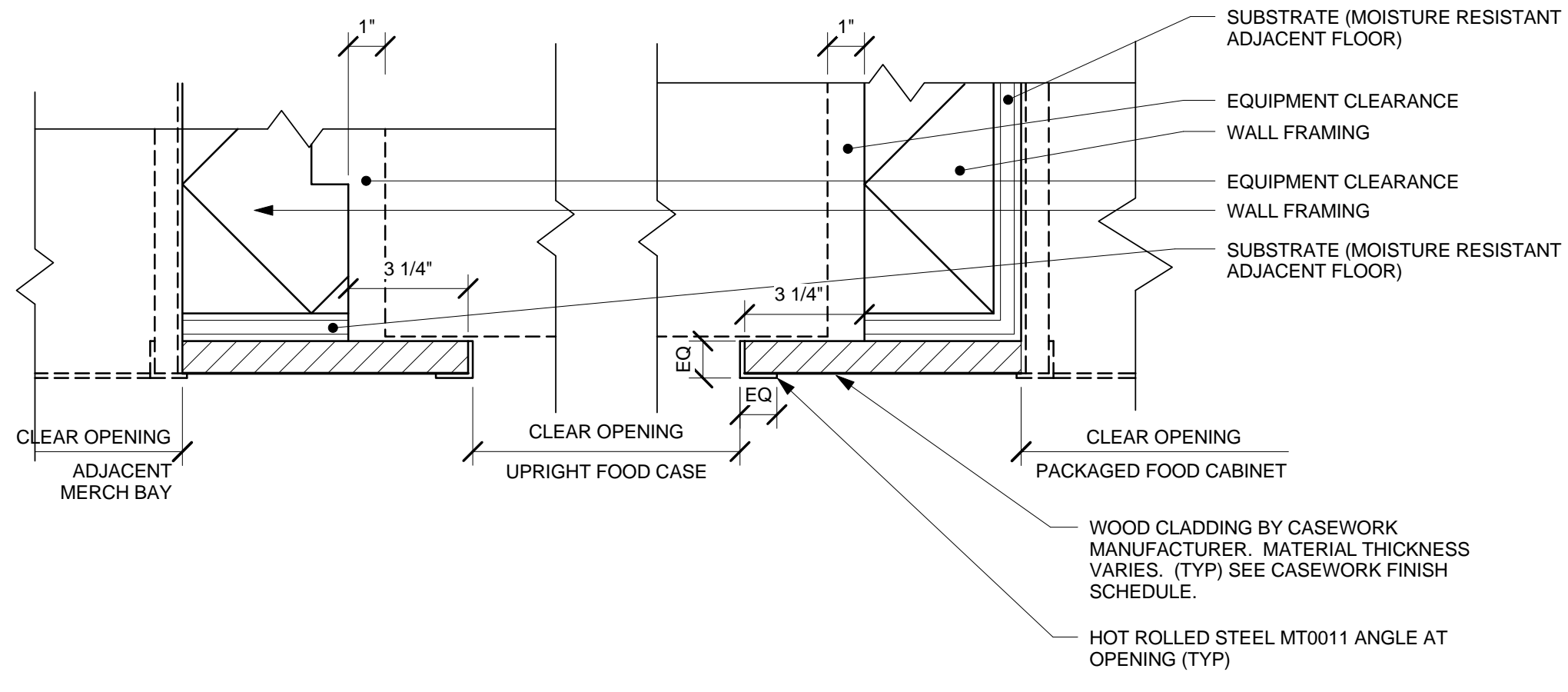
SHEET NUMBER:
I-511



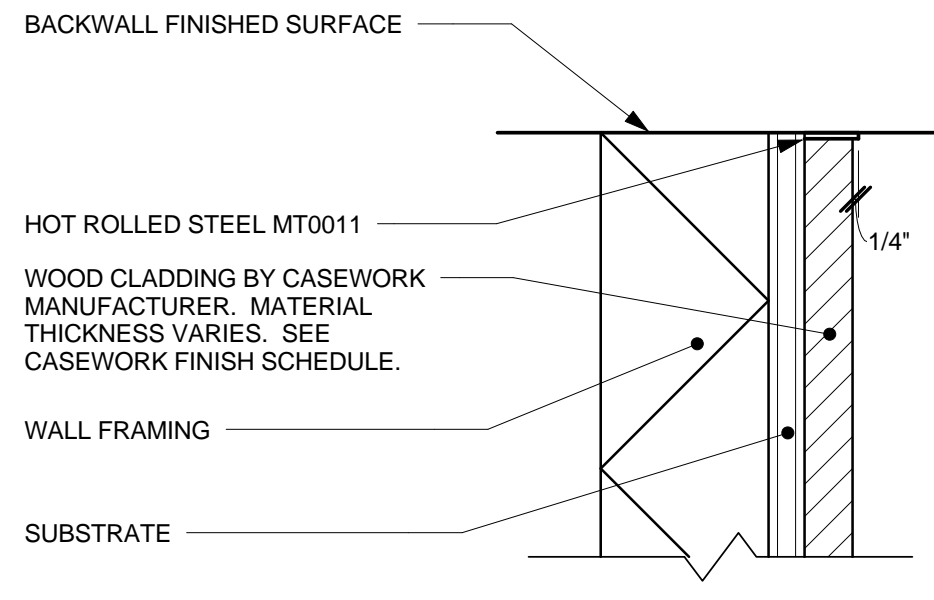
1 CLADDING AT BASE
 Scale: 3" = 1'-0"



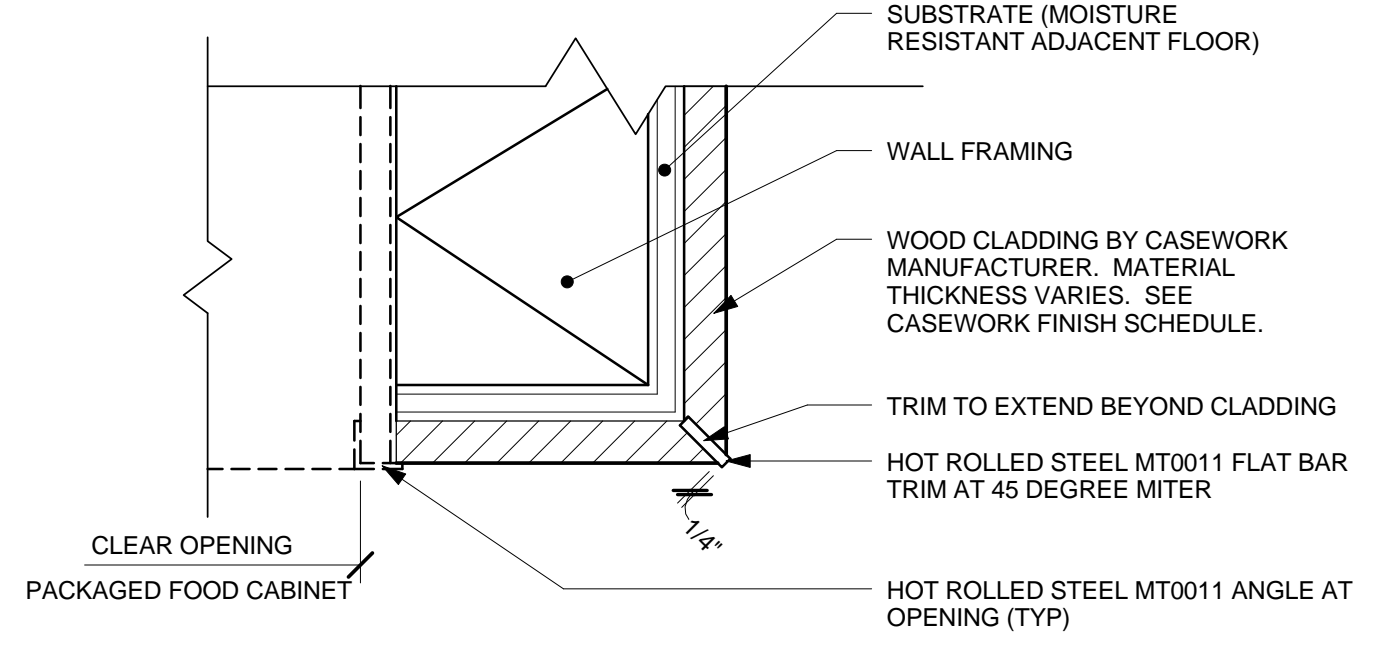
2 CLADDING AT CEILING
 Scale: 3" = 1'-0"



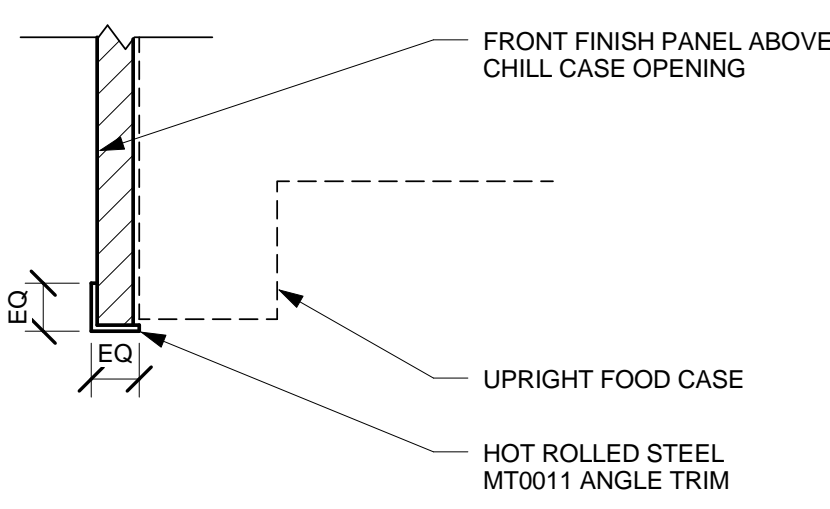
3 CLADDING AT CHILL CASE OPENING - STANDARD
 Scale: 3" = 1'-0"



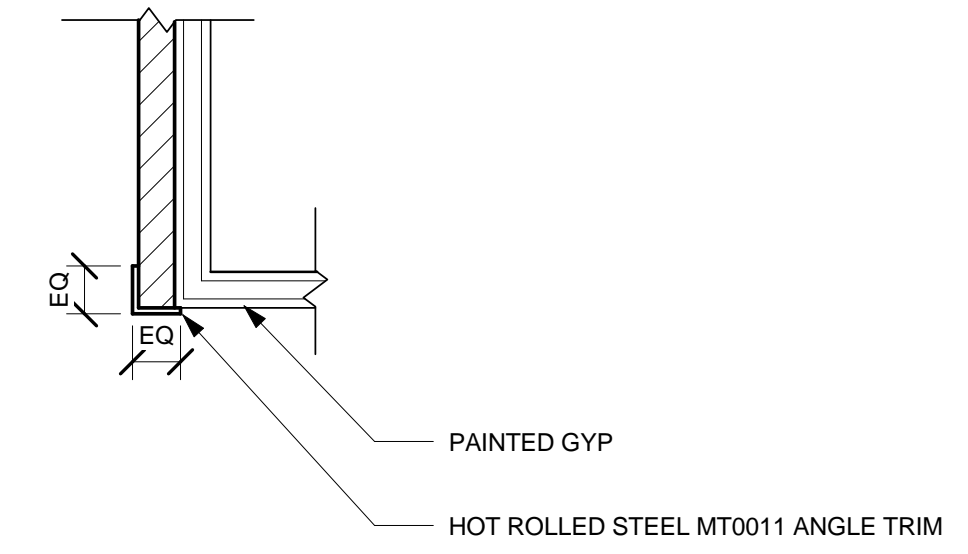
4 CLADDING AT FINISHED WALL
 Scale: 3" = 1'-0"



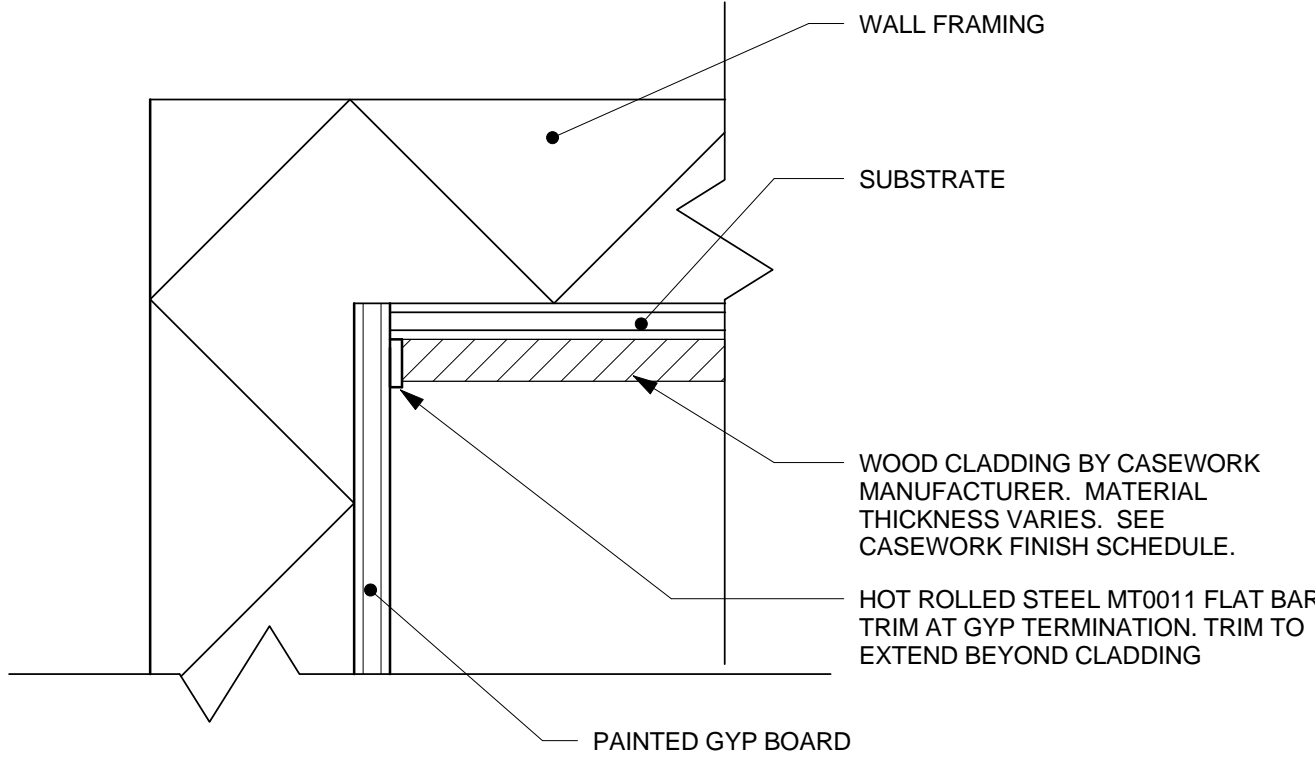
5 CLADDING AT FOOD INSERT OPENING - STANDARD
 Scale: 3" = 1'-0"



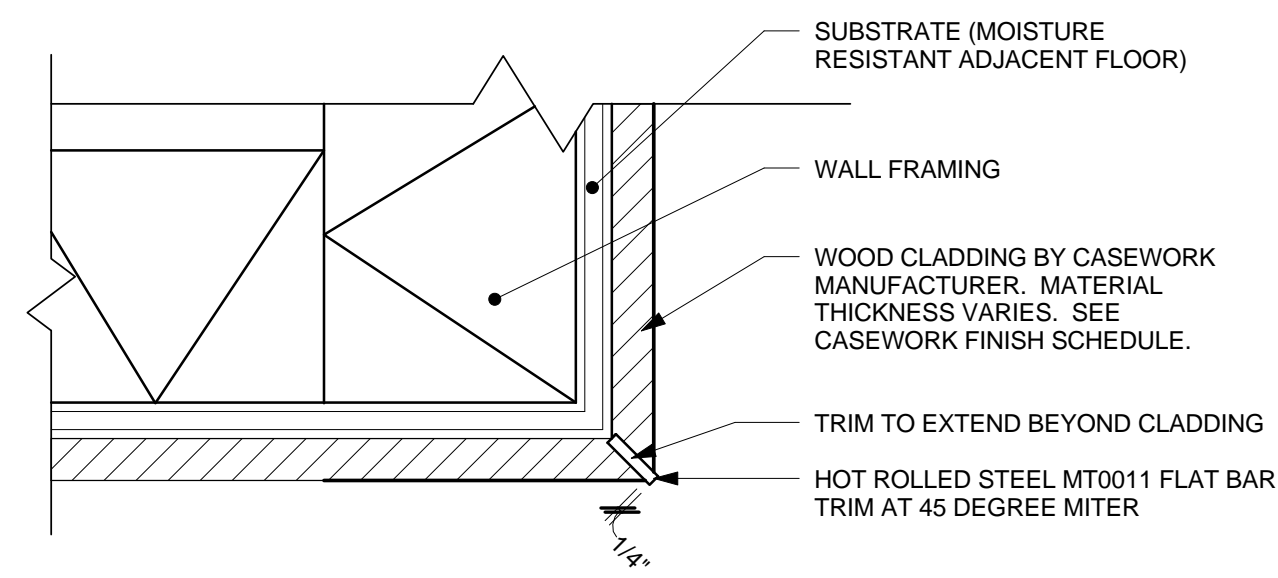
6 CLADDING AT TOP OF CHILLED CASE OPENING
 Scale: 3" = 1'-0"



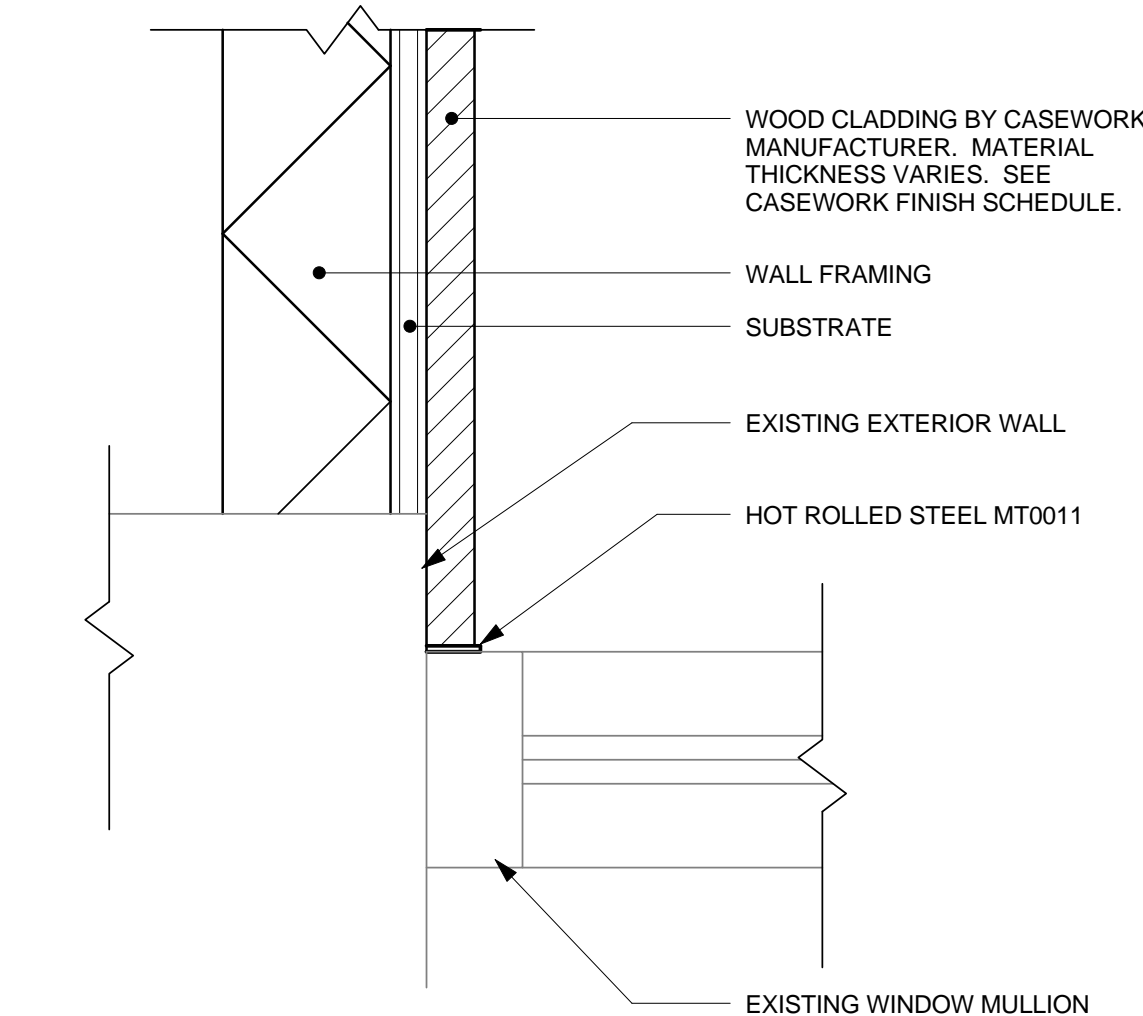
7 CLADDING AT TOP OF OPENING - STANDARD
 Scale: 3" = 1'-0"



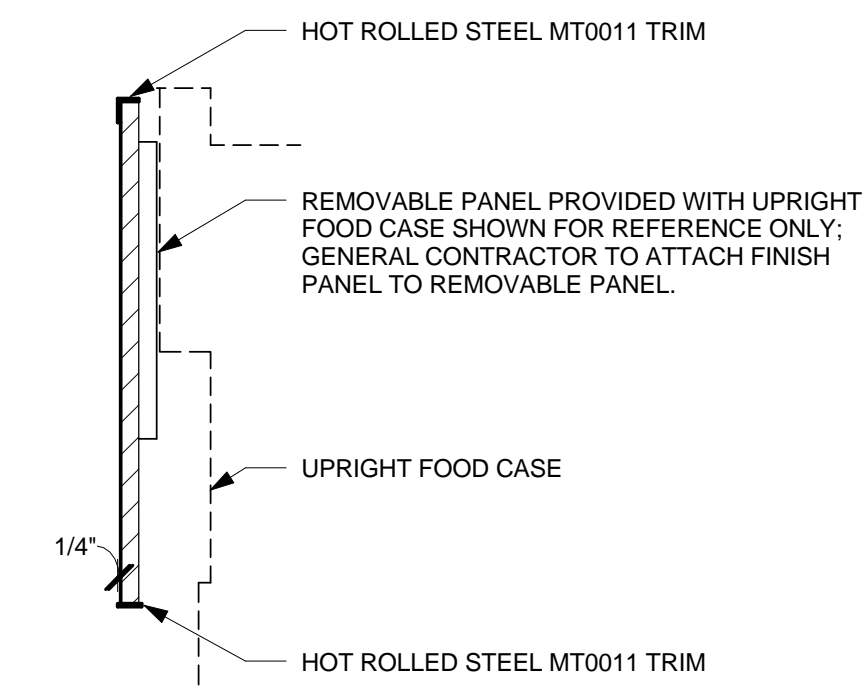
8 CLADDING AT INSIDE CORNER
 Scale: 3" = 1'-0"



9 CLADDING AT OUTSIDE CORNER - STANDARD
 Scale: 3" = 1'-0"



10 CLADDING AT WINDOW MULLION
 Scale: 3" = 1'-0"



11 REMOVABLE PANEL AT CHILLED CASE
 Scale: 1 1/2" = 1'-0"

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DATA DEVICE SCHEDULE - "A"				
DESIGN ID	COUNT	DESCRIPTION	RESP.	COMMENTS
AUDIO VISUAL				
10005	1	MUSIC SYSTEM	WH	
10017	3	SPEAKER SURFACE MOUNTED - BLACK	WH	COLOR: BLACK
10076	1	AMPLIFIER - 14IN 355MM	WH	
DATA				
10002	1	COMPUTER MANAGER WORKSTATION	VD	ENERGY STAR COMPLIANT
10007	1	PRINTER MANAGER WORKSTATION	VD	ENERGY STAR COMPLIANT
10011	1	EQUIPMENT RACK - 6FT 183CM	VD	
10019	1	WIDE AREA NETWORK HARDWARE	WH	
POINT OF SALE				
10008	2	REGISTER COMPACT	VD	
10014	2	POS PRINTER	VD	
10022	1	MONEY COUNTER	VD	
10029	4	POS BANK	WH	
SECURITY				
10004	1	ALARM SYSTEM	VD	
10024	1	SAFE LH - 20X18X26IN 510X45X660MM	VD	
10028	1	SAFE BASE	VD	

SPECIALTY EQUIPMENT SCHEDULE - "E"				
DESIGN ID	COUNT	DESCRIPTION	RESP.	COMMENTS
CAFE				
12023	1	CONDIMENT CART SUGAR DISPENSER	VD	ELKAY
12230	1	CONDIMENT CART RECYCLE LABEL	WH	
12363	2	MERCH BAY UNIT BACK PANEL SOLID	WH	NOT PROVIDED BY CASEWORK VENDOR
12627	2	CONDIMENT CART TRASH LABEL	WH	
12640	1	NEWSPAPER STAND 4 TIER - 39IN 990MM	VD	
13191	1	MERCH BAY UNIT END PANELS METAL MESH	WH	NOT PROVIDED BY CASEWORK VENDOR
13331	2	MERCH BAY UNIT	WH	NOT PROVIDED BY CASEWORK VENDOR
COOLING				
10110	1	FRIDGE REACH IN 1 DOOR RH - 29IN 735MM	WH	ENERGY STAR COMPLIANT
10267	2	FRIDGE UNDERCOUNTER 1 DOOR - 27IN 685MM	WH	ENERGY STAR COMPLIANT
10473	1	FRIDGE UNDERCOUNTER 2 DOOR - 48IN 1220MM	WH	ENERGY STAR COMPLIANT
10967	1	FREEZER REACH IN 2 DOOR - 51IN 1295MM	VD	TRUE ENERGY STAR COMPLIANT
11083	1	FRIDGE REACH IN 2 DOOR - 51X35IN 1295X890MM	WH	ENERGY STAR COMPLIANT
12480	1	FRIDGE 1 DOOR WITH COUNTERTOP - 29IN 735MM - SST	VD	DELFIELD ENERGY STAR COMPLIANT
EQUIPMENT				
10312	2	BREWER SINGLE SOFT HEAT WARMING STAND	WH	
10724	1	GRINDER GRINDMASTER	WH	GRINDMASTER
10746	1	BREWER DUAL SOFT HEAT	WH	
10856	4	BREWER SERVER SOFT HEAT	WH	
11070	1	DISHWASHER SANITIZER	WH	ENERGY STAR COMPLIANT
11851	1	BREWER CLOVER	VD	
12407	1	OVEN TURBOCHEF NEXT GENERATION	VD	TURBOCHEF
12508	2	BLENDER QUIET MODEL ON COUNTER	VD	VITAMIX
12631	1	GRINDER DITTING KR804	VD	DITTING
12694	2	ESPRESSO MACHINE MASTRENA	WH	
FOOD CASE				
12394	1	FOOD CASE - UPRIGHT - 46IN 1170MM - BLACK	VD	STRUCTURAL CONCEPTS
X0015	1	FOOD CASE - HARMONY AMBIENT - 51IN	VD	STRUCTURAL CONCEPTS, HARMONY NON-REFRIGERATED SERVICE CASE. MODEL#: HMG5153.5023.
ICE				
10344	1	ICE - BIN DROP IN 95LB	VD	ELKAY
10475	1	ICE - MACHINE 1109LB AIR COOLED SIDE VENT	VD	MILE HIGH
10527	2	ICE - BIN DROP IN 45LB	WH	
10880	1	ICE - BIN 1000LB	VD	MILE HIGH
OTHER				
10091	1	CUP DISPENSER TALL HOT VERTICAL	WH	
10314	1	SCALE DIGITAL WITH ADJUSTABLE DISPLAY MOUNT	WH	
10396	1	CUP DISPENSER SHORT HOT VERTICAL	WH	
10467	1	FILE CABINET 2 DRAWER	WH	
10501	1	FIRE EXTINGUISHER	GC	PER LOCAL CODE REGULATIONS
10855	2	CUP DISPENSER GRANDE VENTI HOT VERTICAL	WH	
10947	1	SOAP DISPENSER WALL MOUNTED	WH	
10977	1	PAPER TOWEL DISPENSER FULL SIZE - TRANSLUCENT GRAY	WH	
10992	1	PAPER TOWEL DISPENSER HALF SIZE - TRANSLUCENT GRAY	WH	
11115	1	SOAP DISPENSER SINK MOUNTED	WH	
11823	1	SCALE DIGITAL	WH	
STORAGE				
10176	1	ROLLING PASTRY TRAY RACK	WH	
10222	1	WIRE SHELF GRID AT SINK	WH	
10293	1	10 COMP LOCKER	WH	
10416	5	WORKROOM WIRE SHELVING	WH	
10462	5	WORKROOM WIRE SHELVING POSTS	WH	
10698	1	MOP RACK WITH 3 HOLDERS	WH	
10838	1	ROLLING WIRE CART FOR 3 COMP SINK	WH	

GRAPHICS SCHEDULE - "G"				
DESIGN ID	COUNT	DESCRIPTION	RESP.	COMMENTS
GRAPHICS - INTERIOR MENU				
12837	1	MENU BOARD - 1 FRONT PANEL INSERT STYLE	WH	
12839	6	MENU BOARD - UNIVERSAL MOUNTING HARDWARE FOR FRONT PANELS	WH	
12859	2	MENU BOARD - 2 PANEL INSERT STYLE UNIVERSAL MOUNT	WH	
12976	2	MENU BOARD - DAILY OFFERING CHALKBOARD UNIVERSAL MOUNT RECTANGULAR	WH	
13214	1	MENU BOARD - 1 FRONT PANEL INSERT STYLE RESERVE LH	WH	
GRAPHICS - OTHER				
12678	1	EDUCATION DISK ALTERNATIVE TRANSPORTATION BUS	VD	DUGGAL VISUAL GROUP, CONTACT: STEVEN ARNESEN. PHONE: 646-638-7263. EMAIL: STEVEN@DUGGAL.COM.
12683	1	EDUCATION DISK ENERGY	VD	DUGGAL VISUAL GROUP, CONTACT: STEVEN ARNESEN. PHONE: 646-638-7263. EMAIL: STEVEN@DUGGAL.COM.
12684	1	EDUCATION DISK RESPONSIBLE MATERIALS	VD	DUGGAL VISUAL GROUP, CONTACT: STEVEN ARNESEN. PHONE: 646-638-7263. EMAIL: STEVEN@DUGGAL.COM.
12688	1	EDUCATION DISK RECYCLE	VD	DUGGAL VISUAL GROUP, CONTACT: STEVEN ARNESEN. PHONE: 646-638-7263. EMAIL: STEVEN@DUGGAL.COM.
12691	1	EDUCATION DISK WASTE DIVERSION CONSTRUCTION MATERIALS	VD	DUGGAL VISUAL GROUP, CONTACT: STEVEN ARNESEN. PHONE: 646-638-7263. EMAIL: STEVEN@DUGGAL.COM.
X0052	1	COMMUNITY BOARD	VD	BY PLANET GRAPHICS, CONTACT: BRIAN BETZGER. PHONE: 781-829-9222. EMAIL: BRIANBETZGER@YAHOO.COM. DIMENSIONS: 2'-4" W x 3'-0" H. FRAME: 3" WOOD (WD0001). TOP IMAGE: NS0210 (SCALED & CROPPED AS REQUIRED). BOTTOM SECTION: MAGNETIC CHALKBOARD
X0053	1	FRAMED ARTWORK	VD	BY PLANET GRAPHICS, CONTACT: BRIAN BETZGER. PHONE: 781-829-9222. EMAIL: BRIANBETZGER@YAHOO.COM. DIMENSIONS: 2'-0" W X 3'-0" H. FRAME: 3" WOOD (WD0001). IMAGE: NS0052 (SCALED & CROPPED AS REQUIRED)
X0054	1	FRAMED ARTWORK	VD	BY PLANET GRAPHICS, CONTACT: BRIAN BETZGER. PHONE: 781-829-9222. EMAIL: BRIANBETZGER@YAHOO.COM. DIMENSIONS: 1'-6" W X 3'-0" H. FRAME: 3" WOOD (WD0001). IMAGE: NS0165 (SCALED & CROPPED AS REQUIRED)
X0055	1	FRAMED ARTWORK	VD	BY PLANET GRAPHICS, CONTACT: BRIAN BETZGER. PHONE: 781-829-9222. EMAIL: BRIANBETZGER@YAHOO.COM. DIMENSIONS: 1'-6" W X 1'-4" H. FRAME: 3" WOOD (WD0001). IMAGE: NS0379 (SCALED & CROPPED AS REQUIRED)
X0056	1	FRAMED ARTWORK	VD	BY PLANET GRAPHICS, CONTACT: BRIAN BETZGER. PHONE: 781-829-9222. EMAIL: BRIANBETZGER@YAHOO.COM. DIMENSIONS: 1'-6" W X 1'-4" H. FRAME: 3" WOOD (WD0001). IMAGE: NS0378 (SCALED & CROPPED AS REQUIRED)
X0057	1	FRAMED ART	VD	BY PLANET GRAPHICS, CONTACT: BRIAN BETZGER. PHONE: 781-829-9222. EMAIL: BRIANBETZGER@YAHOO.COM. DIMENSIONS: 1'-6" W X 3'-0" H. FRAME: 3" WOOD (WD0001). IMAGE: NS0184 (SCALED & CROPPED AS REQUIRED)
X0058	1	FRAMED MIRROR	VD	BY PLANET GRAPHICS, CONTACT: BRIAN BETZGER. PHONE: 781-829-9222. EMAIL: BRIANBETZGER@YAHOO.COM. DIMENSIONS: 2'-11 1/2" W X 3'-0" H (VIF - CENTER ART ON WALL W/ 10IN CLEAR ON EITHER SIDE). FRAME: 3" WOOD (WD0001). GLASS MIRROR WITH ANTIQUE FINISH.
X0061	1	FRAMED MURAL	VD	BY PLANET GRAPHICS, CONTACT: BRIAN BETZGER. PHONE: 781-829-9222. EMAIL: BRIANBETZGER@YAHOO.COM. DIMENSIONS: 8'-2" W X 3'-0" (VIF - CENTER ART ON WALL W/ 10IN CLEAR ON EITHER SIDE). FRAME: 3" WOOD (WD0001). IMAGE: NS0205 (SCALED & CROPPED AS REQUIRED)
X0062	1	FRAMED MURAL	VD	BY PLANET GRAPHICS, CONTACT: BRIAN BETZGER. PHONE: 781-829-9222. EMAIL: BRIANBETZGER@YAHOO.COM. DIMENSIONS: 8'-1" W X 3'-0" (VIF - CENTER ART ON WALL W/ 10IN CLEAR ON EITHER SIDE). FRAME: 3" WOOD (WD0001). IMAGE: NS0209 (SCALED & CROPPED AS REQUIRED)
X0063	1	FRAMED MURAL	VD	BY PLANET GRAPHICS, CONTACT: BRIAN BETZGER. PHONE: 781-829-9222. EMAIL: BRIANBETZGER@YAHOO.COM. DIMENSIONS: 7'-0" W X 3'-0" (VIF - CENTER ART ON WALL). FRAME: 3" WOOD (WD0001). IMAGE: NS0212 (SCALED & CROPPED AS REQUIRED)
X0064	2	BEAN JAR WITH LABEL	VD	BY PLANET GRAPHICS, CONTACT: BRIAN BETZGER. PHONE: 781-829-9222. EMAIL: BRIANBETZGER@YAHOO.COM
X0065	4	TEA BOX	VD	BY PLANET GRAPHICS, CONTACT: BRIAN BETZGER. PHONE: 781-829-9222. EMAIL: BRIANBETZGER@YAHOO.COM

FURNITURE SCHEDULE - "F"				
DESIGN ID	COUNT	DESCRIPTION	RESP.	COMMENTS
12188	6	TABLE - TOP SQUARE - 24IN 610MM - WHITE WITH VEINING CP0002	WH	
CHAIR				
10256	28	CHAIR - CAFE VERTICAL RUNGS - DISTRESSED DARK WARM BROWN WD0001	WH	
12224	6	CHAIR - LOUNGE BISTRO SUITE - TWEED WOVEN F0041	WH	
12485	3	CHAIR - STOOL 29IN 735MM INDUSTRIAL UPHOLSTERED WITH BACK - BRICK RED NATURAL F0017	WH	
12489	11	CHAIR - STOOL 24IN 610MM INDUSTRIAL UPHOLSTERED WITH BACK - BRICK RED NATURAL F0017	WH	
DESK				
10605	1	DESK - MANAGERS WORKSTATION KEYBOARD TRAY - BLACK PLASTIC	WH	
TABLE				
12160	1	TABLE - ACCESSIBLE METAL SUITE - 39X23IN 990X585MM - BLACK MT0028	WH	
12161	2	TABLE - CAFE METAL SUITE SQUARE - 30IN 760MM - BLACK MT0028	WH	
12186	6	TABLE - TOP ROUND - 24IN 610MM - GREY CP0002	WH	
12190	12	TABLE - BASE CAFE ORNATE - CAST IRON BLACK MT0013	WH	
12193	7	TABLE - BASE FIXED DOME ACCENT AND GUSSETS - 36IN 915MM - HOT ROLLED STEEL MT0011	WH	

PLUMBING FIXTURE SCHEDULE - "P"				
DESIGN ID	COUNT	DESCRIPTION	RESP.	COMMENTS
X0021	1	GREASE TRAP	GC	ENGINEERS TO PROVIDE SPEC
DRAIN				
10309	6	DRAIN - FLOOR SINK WITH HALF GRATE SQUARE - 12IN 305MM	WH	REFER TO SHEET P-001. ENGINEERS TO PROVIDE SPEC.
FAUCET				
10152	1	FAUCET - DOUBLE LABORATORY WITH BENT RISER SPOUT	WH	
10153	1	FAUCET - WATER TOWER - 12IN 305MM	WH	
10215	2	FAUCET - DOUBLE LABORATORY WITH SWING SPOUT	WH	
10447	1	FAUCET - PRE RINSE SPRAYER WALL MOUNTED	WH	1.2 GPM VALVE
10597	1	FAUCET - SINGLE HANDLE	WH	'FC' MODEL, 0.5 GPM AERATOR
10804	1	FAUCET - PRE RINSE SWING SPOUT	WH	
10874	1	FAUCET - HOT WATER DISPENSER GOOSENECK	WH	
10922	1	FAUCET - MOP SINK WALL MOUNTED	WH	
10943	1	FAUCET - SINGLE LABORATORY WITH SWING SPOUT	WH	
11003	1	FAUCET - DIPPERWELL	WH	
FILTER				
13076	1	FILTER - PREFILTRATION SYSTEM	WH	PENTAIR WATER SYSTEM - CONFIG 1
13080	1	FILTER - HEAD QUAD	WH	PENTAIR WATER SYSTEM - CONFIG 1
13081	4	FILTER - CARBON FILTER CARTRIDGE	WH	PENTAIR WATER SYSTEM - CONFIG 1
13149	1	FILTER - PRESSURE GAUGE	WH	PENTAIR WATER SYSTEM - CONFIG 1
OTHER				
11109	1	WATER HEATER 50GAL 190L ELECTRIC	GC	ENGINEERS TO PROVIDE SPEC
SINK				
10505	1	SINK - RINSE DROP IN - 27X20IN 685X510MM	WH	
10549	1	SINK - WORK DROP IN SST - 12X20IN 305X510MM	WH	
10581	1	SINK - HAND WALL MOUNTED SST	WH	INTEGRAL FAUCET WITH 0.5 GPM AERATOR
10995	1	SINK - MOP - 24X24IN 610X610MM	WH	
13264	1	SINK - 3 COMP WORK SST - 93IN 2350MM	VD	ELKAY

LIGHTING FIXTURE SCHEDULE - "L"				
DESIGN ID	COUNT	DESCRIPTION	RESP.	COMMENTS
EXIT				
11419	2	EMERGENCY LIGHT DOUBLE - BLACK	VD	BODINE BALLAST TYPE LED PROVIDED BY GEXPRO.
11611	5	EMERGENCY EXIT LIGHT - WHITE	VD	BODINE BALLAST TYPE LED PROVIDED BY GEXPRO.
LAMP				
12890	15	FL T8 20-29W - 48IN 1220MM	VD	N/A PROVIDED BY GEXPRO.
12894	4	INCAND T9 EDISON 30-39W	VD	N/A PROVIDED BY GEXPRO.
12903	51	LED PAR 30S 10-19W NFL	VD	N/A PROVIDED BY GEXPRO.
12906	41	LED PAR 20 1-9W NFL - WHITE	VD	N/A PROVIDED BY GEXPRO.
PENDANT				
12348	4	PENDANT - SMALL METAL MESH CYLINDER - BLACKENED STEEL MT0019	VD	(1) 12894 - Incand. T9 Edison 30-39w PROVIDED BY GEXPRO.
X0050	1	PENDANT - CUSTOM	GC	(16) LED - BULB MANUFACTURER: BULBRITE - CHANDELIER LITE MEDIUM (E26) BASE. ITEM#: 770411. ORDERING CODE: LEDZETC/E. RESTORATION HARDWARE. ROPE FILAMENT RECTANGLE CHANDELIER SMALL. ITEM#: 68060369 NATL.
RECESSED CAN				
12861	41	CAN - ADJUSTABLE RECESSED HOUSING - 4IN 100MM - NEW CEILING	VD	(1) 12906 - LED PAR 20 PROVIDED BY GEXPRO.
13241	40	CAN - ADJUSTABLE RECESSED TRIM - 4IN 100MM - WHITE	VD	N/A PROVIDED BY GEXPRO. TRIM FOR ID: 12861.
STRIP				
12552	14	TASK LIGHT INTEGRATED LED - 22IN 560MM - BLACK	VD	LED JUMPER CORD REQUIRED WHEN CONNECTING MULTIPLE UNITS - QTY: 13
TRACK				
11427	33	TRACK - FIXTURE ENCLOSED - 5IN 125MM - WHITE	VD	(1) 12903 - LED PAR 30S PROVIDED BY GEXPRO.
11521	18	TRACK - FIXTURE ENCLOSED - 5IN 125MM - BLACK	VD	(1) 12903 - LED PAR 30S PROVIDED BY GEXPRO.
12934	1	TRACK - WITH CONNECTORS - 4FT 122CM - WHITE	VD	N/A PROVIDED BY GEXPRO.
12935	1	TRACK - WITH CONNECTORS - 8FT 244CM - WHITE	VD	N/A PROVIDED BY GEXPRO.
12944	1	TRACK - WITH CONNECTORS - 16FT 488CM - WHITE	VD	N/A PROVIDED BY GEXPRO.
12945	2	TRACK - WITH CONNECTORS - 12FT 365CM - WHITE	VD	N/A PROVIDED BY GEXPRO.
12946	5	TRACK - WITH CONNECTORS - 4FT 122CM - BLACK	VD	N/A PROVIDED BY GEXPRO.
12949	1	TRACK - WITH CONNECTORS - 12FT 365CM - BLACK	VD	N/A PROVIDED BY GEXPRO.
TROFFER				
11404	5	TROFFER - RECESSED - 48X24IN 1220X610MM - WHITE	VD	(3) 12890 - FL T8 PROVIDED BY GEXPRO.

NOTE: GC TO SUPPLY (1) EXTRA BOX OF REPLACEMENT BULBS FOR STORE PARTNERS; BOX TO INCLUDE ORDERING INFORMATION FOR FUTURE REPLACEMENT REQUIREMENTS.

DOOR SCHEDULE - "D"								
DESIGN ID	COUNT	DESCRIPTION	CONSTRUCTION TYPE	FINISH	FRAME MATERIAL	FIRE RATING	RESP.	COMMENTS
10086	1	DOOR - SINGLE IMPACT DOUBLE ACTING - 36IN 915MM	SC	PLAM: WITHCRAFT	NO FRAME	NR	VD	PROVIDED BY LOCKNET. MANUFACTURER: ELIASON. MODEL: SCP8. DIMENSIONS: 3'-0" W x 7'-0" H. HARDWARE SET: #11.
10190	2	DOOR - SINGLE FLUSH - 36IN 915MM	SC	PLAM: WITHCRAFT	HM2: PAINT	45MIN (PER LL DWGS)	LL	PROVIDED BY LL

DOOR LEGEND

Construction: SC = Solid Core HM = Hollow Metal AL = Aluminum Storefront WD = Wood Storefront E = Existing	Glazing: T = Solid Core W = Hollow Metal Rating: NR = Non-Rated 1HR = 1 hour 2HR = 2 hour	Frame: AL = Aluminum Storefront HM1 = Hollow Metal Single Rabbet HM2 = Hollow Metal Double Rabbet HM3 = Hollow Metal Single Rabbet for CMU HM4 = Hollow Metal No Rabbet
Miscellaneous: U = 1/2" undercut		

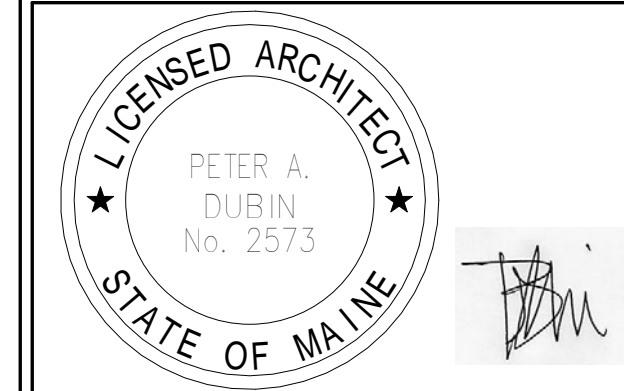


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Revision Schedule			
Rev	Date	By	Description

PAINT SCHEDULE				
COLOR CODE	DESCRIPTION	LRV	RESP.	COMMENTS
P564-ES	SW - BASKET BEIGE - EGG SHELL	20	GC	SHERWIN WILLIAMS BASKET BEIGE. SW6143; USE PRIMER CP-1
X0033-ES	SW - GRIFFIN - EGG SHELL	14	GC	SHERWIN WILLIAMS GRIFFIN. SW7026; USE PRIMER CP-1
X0033-SG	SW - GRIFFIN - SEMI GLOSS	14	GC	SHERWIN WILLIAMS GRIFFIN. SW7026; USE PRIMER CP-1
X0034-ES	SW - VIRTUAL TAUPE - EGG SHELL	21	GC	SHERWIN WILLIAMS VIRTUAL TAUPE. SW7039; USE PRIMER CP-1

NOTE: ALL PAINTS TO BE VOC-FREE. GC TO PROVIDE.

CEILING TREATMENT SCHEDULE - "U"				
DESIGN ID	AREA	DESCRIPTION	RESP.	COMMENTS
OTHER				
10517	406 SF	ACT - WHITE - 2X2FT 61X61CM	GC	ARMSTRONG. MODEL: CLEAN ROOM VL (NONPERFORATED). COLOR: WHITE. EDGE PROFILE: SQUARE LAY-IN. ITEM#: 868 - 2X2'. SEE REFLECTED CEILING PLAN.
11302	610 SF	ACT - WHITE - 2X4FT 61X122CM	GC	ARMSTRONG. MODEL: CLEAN ROOM VL (NONPERFORATED). COLOR: WHITE. EDGE PROFILE: SQUARE LAY-IN. ITEM#: 870 - 2X4'. SEE REFLECTED CEILING PLAN.
X0007	1573 SF	ACT - FAUX TIN - 2X2FT	GC	ARMSTRONG. MODEL: METALWORKS - TIN. PATTERN: 56008. FINISH: COPPER (TCP). STANDARD 2X2' REGULAR. PURCHASE GRID TO MATCH COLOR.

FLOOR TREATMENT SCHEDULE - "T"				
DESIGN ID	AREA	DESCRIPTION	RESP.	COMMENTS
PLASTIC				
X0010	581 SF	ALTR0 FLOORING	GC	ALTR0 FLOORING. PRODUCT: WALKWAY. COLOR: BLACK VM20892. PHONE: 1-800-377-5597.
X0011	31 SF	WALK OFF MAT - VINYL GRID - CHARCOAL	GC	GRAND ENTRANCE. MODEL: TREADLINE. COLOR: CHARCOAL. FRAME: RECESSED TAPERED ANGLE FRAME. FRAME FINISH: ANODIZED BRONZE. CONTACT: DONNA DAVIS. DMDAVIS@C-SGROUPO.COM.
TILE				
12198	1088 SF	TILE - RUST BROWN - 12X24IN 305X610MM	VD	STONE PEAK. PATTERN: PARKLAND. COLOR: REDWOOD. GROUT GR0007. MAPEI 47 - CHARCOAL; LATICRETE 35 - MOCHA

WALL BASE SCHEDULE - "B"				
DESIGN ID	LENGTH	DESCRIPTION	RESP.	COMMENTS
TILE BASE				
12197	194' - 6 1/2"	TILE BASE - RUST BROWN - 6X12IN 150X305MM	VD	STONE PEAK. FINISH: PARKLAND. COLOR: REDWOOD. GROUT GR0007. MAPEI 47 - CHARCOAL; LATICRETE 35 - MOCHA; USE WITH OUTSIDE CORNER TILE 13226

WALL TREATMENT (AREA) SCHEDULE - "Q"				
DESIGN ID	AREA	DESCRIPTION	RESP.	COMMENTS
PLASTIC				
11469	882 SF	FRP - WHITE	GC	MARLITE. STANDARD FRP. SMOOTH SURFACE. S 100 S2/S WHITE.
TILE				
12216	122 SF	TILE - ANTIQUE CREAM - 2X8IN 50X205MM	VD	MUTUAL MATERIALS. COLOR: PEWTER. GROUT GR0003; MAPEI 02 - PEWTER; LATICRETE 78 - STERLING SILVER

WALL TREATMENT (LENGTH) SCHEDULE - "R"				
DESIGN ID	LENGTH	DESCRIPTION	RESP.	COMMENTS
CHAIR RAIL				
12173	93' - 8 1/4"	CHAIR RAIL - 4IN 100MM AT 48IN 1220MM AFF	VD	WD0001
X0009	177' - 7 3/4"	CROWN MOULDING	VD	DYKES LUMBER CO. MOULD#: 165. HEIGHT & PROJECTIONS: 2 1/2IN. MATERIAL: PRIMED ULTRALIGHT MDF. VENDOR: FYPON. PHONE: 1-800-446-3040. STAIN: WD0001.
RAILING				
X0043	6' - 11"	WOOD TRIM - 2IN	VD	WD0001
TRIM				
X0049	40' - 11"	SOFFIT TRIM	VD	WD0001
WAINSCOT				
12814	119' - 6 3/4"	VINYL - WAINSCOT - DARK BROWN WOVEN PATTERN AT 48IN 1220MM AFF	VD	INSTALL AT CUSTOM HEIGHT AS INDICATED ON INTERIOR ELEVATIONS. GC TO VERIFY HEIGHT AND CUT IN-FIELD.

NOTE: CASEWORK VENDOR TO PROVIDE ALL ITEMS IN WALL TREATMENT (LENGTH) SCHEDULE AS WELL AS CASEWORK SCHEDULE.

CASEWORK SCHEDULE - "C"				
DESIGN ID	COUNT	DESCRIPTION	RESP.	COMMENTS
X0002	1	TABLE - COMMUNITY - CUSTOM	VD	Dimensions: 36"W x 108"L x 30.5"H. Wood Top Finish: WD0001 / Thickness: 1-1/2". Turned Wood Legs: Adams Wood Products - Model: A0901-28 Turned Table Leg. Size: 29" x 2 3/4". Wood: Paint Grade. Qty: 6. Vendor to procure legs, paint P551-ES (Sherwin Williams SW6148 Wool Skein), install as finished unit.
X0003	1	BANQUETTE - CUSTOM	VD	WOOD FINISH: WD0001
X0017	1	DRINK RAIL	VD	DIMENSIONS: 4"W x 12'-0"L x 3'-6"H. WOOD TOP FINISH: WD0001 / THICKNESS: 2". BASE: STEEL (MT0011)
X0018	1	CONDIMENT CART TOP - SOLID SURFACE - CUSTOM	VD	CP0008 - Ogee Edge Profile on 2IN THICK SOLID SURFACE
X0019	1	CONDIMENT CART BASE CABINET - CUSTOM	VD	WITCHCRAFT. FINISHED BACK.
X0022	8	BRACKETS AT CUSTOMER COUNTER	VD	Manufacturer: Van Dyke's Restorers. Model: Restorers Shelf Bracket. Store ID: 203407. Height: 11"; Projection: 8 3/4"; Width: 1 1/8". Finish: Black Powder.
X0024	1	FOOT RAIL - CUSTOM	VD	MT0011. STARBUCKS LOCAL VENDOR. LENGTH: 7'-0".
X0025	1	FOOT RAIL - CUSTOM	VD	MT0011. STARBUCKS LOCAL VENDOR. LENGTH: 5'-6".
X0026	1	FOOT RAIL - CUSTOM	VD	MT0011. STARBUCKS LOCAL VENDOR. LENGTH: 7'-6".
X0046	1	FOOT - RAIL - CUSTOM	VD	MT0011. STARBUCKS LOCAL VENDOR. LENGTH: 5'-6".
CABINET				
11942	1	CABINET - WARMING WITH DRAWER - 16IN 405MM	VD	WITCHCRAFT PLAM
11971	1	CABINET - SINK OR ICE BIN - 15IN 380MM	VD	WITCHCRAFT PLAM
11972	1	CABINET - ESPRESSO - 24IN 610MM	VD	WITCHCRAFT PLAM
11977	13	CABINET - UPPER CUBBY - 24X16X21IN 610X405X535MM	VD	WITCHCRAFT PLAM
12007	2	CABINET - SINK OR ICE BIN - 24IN 610MM	VD	WITCHCRAFT PLAM
12034	1	CABINET - VARIABLE TO 36IN 915MM	VD	WITCHCRAFT PLAM
12043	2	CABINET - POS - 29IN 735MM	VD	WITCHCRAFT PLAM
12046	1	CABINET - END CAP - 12IN 305MM	VD	WITCHCRAFT PLAM
12080	4	CABINET - 15IN 380MM	VD	WITCHCRAFT PLAM
12096	1	CABINET - WITH DRAWER - 15IN 380MM	VD	WITCHCRAFT PLAM
12098	3	CABINET - BREW GRIND - 24IN 610MM	VD	WITCHCRAFT PLAM
13250	1	CABINET - UPPER CUBBY 1 SHELF - VARIABLE TO 24IN 610MM	VD	WITCHCRAFT PLAM
13579	1	CABINET - RESERVE TOWER - RH	VD	MT0028
13646	1	CABINET - RESERVE CLOVER WITH DRAWER - 12IN 305MM	VD	WITCHCRAFT PLAM
X0008	1	CABINET - STORAGE - CUSTOM	VD	DIMENSIONS: 6'-10"H x 2'-10"W x STANDARD DEPTH. BASE: 6IN STAINLESS STEEL LEGS.
X0013	1	CABINET - PACKAGED FOOD CUBBY INSET	VD	SIM TO 12846; CUSTOM HEIGHT: 4'-9"
COUNTERTOP				
11915	1	COUNTERTOP - HAND SINK STAINLESS - 15IN 380MM	VD	STAINLESS STEEL
11917	1	COUNTERTOP - TRASH SOLID SURFACE - 15IN 380MM	VD	CP0001
11929	1	COUNTERTOP - CBS SOLID SURFACE - RH - 108IN 2745MM	VD	CP0001
11933	1	COUNTERTOP - WARMING SOLID SURFACE - 16IN 405MM	VD	CP0001
12011	1	COUNTERTOP - POS SOLID SURFACE - 80IN 2030MM	VD	CP0001
12769	1	COUNTERTOP - ESPRESSO RINSE SINK AND ICE BIN STAINLESS - RH - 140IN 3555MM	VD	STAINLESS STEEL
13367	1	COUNTERTOP - RESERVE CLOVER HANDOFF SOLID SURFACE - RH	VD	CP0001
13653	1	COUNTERTOP - RESERVE CORNER SOLID SURFACE - RH	VD	CP0001
X0004	1	SIT-HERE COUNTER - 'L'	VD	WD0001
X0005	1	SIT-HERE COUNTER - STRAIGHT	VD	WD0001
X0006	1	COUNTERTOP - BREW GRIND WORK SINK AND TRASH SOLID SURFACE - RH - 117IN 2970MM - CUSTOM	VD	CP0001. SIM TO 12875. CUSTOM WORK SINK CUT-OUT
X0044	1	COUNTERTOP - END CAP SOLID SURFACE - CUSTOM	VD	CP0001. DIMENSIONS: 1'-1 1/2"W x 2'-6"L x 1 1/4" THICK.
DESK				
X0030	1	DESK - MANAGERS WORKSTATION - 48X30X30IN 1525X760X760MM - ALMOND LAMINATE	VD	ALMOND PLAM. SIM TO 10123; CUSTOM LENGTH: 4'-0"
X0031	1	DESK - MANAGERS WORKSTATION SHELVES WALL MOUNTED - ALMOND LAMINATE	VD	ALMOND PLAM. SIM TO 10809; CUSTOM LENGTH: 4'-0"
DIEWALL				
12526	1	DIEWALL - RESERVE - RH	VD	FRP AT PARTNER SIDE
12767	1	DIEWALL - ESPRESSO TOP CAP - RH - 140IN 3555MM	VD	WD0001
12770	1	DIEWALL - ESPRESSO - RH - 140IN 3555MM	VD	FRP AT PARTNER SIDE
X0001	1	DIEWALL - RESERVE TOP CAP - RH - CUSTOM	VD	WD0001. SIM TO 13319; CUSTOM DEPTH
FIT KIT				
13328	1	FIT KIT - RESERVE CORNER	VD	WITCHCRAFT PLAM
OTHER				
11155	2	ESPRESSO MACHINE PUMP MOUNT - 10X10IN 255X255MM	VD	
11815	5	CORNER GUARD - 1.25IN 30MM - HOT ROLLED STEEL	VD	MT0011
12100	4	ESPRESSO COUNTERTOP SUPPORT LEG STAINLESS	VD	STAINLESS STEEL
12763	1	ESPRESSO SNEEZE GUARD - 140IN 3555MM	VD	LENGTH: 27'-6" (SEE UPPER CASEWORK PLAN)
12816	4	FRENCH CLEAT - VARIABLE TO 96IN 2440MM	VD	SIM TO 13350; CUSTOM LENGTH: ORDER ONLY AS REQUIRED BY LOCAL HEALTH JURISDICTION.
X0016	1	RESERVE SNEEZE GUARD - CUSTOM	VD	HEIGHT: 3 7/8"
X0020	1	CONDIMENT CART TOE KICK - CUSTOM	VD	HEIGHT: 3 7/8"
X0027	3	RESERVE - DISPLAY SHELF	VD	WITCHCRAFT PLAM. DIMENSIONS: 10"D x 3'-6"L. 3/4"-HIGH LIP ON ALL EXPOSED SIDES. FINISH: WITCHCRAFT PLAM.
X0035	1	WOOD WINDOW SILL	VD	WD0001. THICKNESS: 3/4"; LENGTH: 7'-10 1/2"; WIDTH: 9". FINISH: WD0001.
X0036	1	WOOD WINDOW SILL	VD	WD0001. THICKNESS: 3/4"; LENGTH: 7'-10 1/2"; WIDTH: 9". FINISH: WD0001.
X0037	1	WOOD WINDOW SILL	VD	WD0001. THICKNESS: 3/4"; LENGTH: 7'-10"; WIDTH: 9". FINISH: WD0001.
X0038	1	WOOD WINDOW SILL	VD	WD0001. THICKNESS: 3/4"; LENGTH: 7'-10"; WIDTH: 9". FINISH: WD0001.
X0039	1	WOOD WINDOW SILL	VD	WD0001. THICKNESS: 3/4"; LENGTH: 7'-10"; WIDTH: 9". FINISH: WD0001.
X0040	1	WOOD WINDOW SILL	VD	WD0001. THICKNESS: 1"; LENGTH: 7'-10"; WIDTH: 9". FINISH: WD0001.
X0041	1	WOOD CASING 1	VD	WD0001
X0042	1	WOOD CASING 2	VD	WD0001
X0067	1	FRONTLINE END CAB TOE KICK - CUSTOM	VD	HEIGHT: 5 7/8"
PANEL				
11957	1	PANEL - CUP DISPENSER	VD	WITCHCRAFT PLAM
12028	2	PANEL - POS - 29IN 735MM	VD	WD0018
12050	1	PANEL - POS BRIDGE FOR SAFE - 22X27IN 560X685MM	VD	WD0018
12473	1	PANEL - POS - 22IN 560MM	VD	WD0018
12768	1	PANEL - ESPRESSO - RH - 140IN 3555MM	VD	WD0018. HANDOFF FINISH PANEL NOT REQUIRED WHEN INCORPORATING RESERVE STATION. VERIFY DESIGN PRIOR TO FABRICATION.
13363	1	PANEL - RESERVE - RH	VD	WD0018
X0012	1	PANEL - UPRIGHT FOOD CASE SIDE	VD	WD0018. SIM TO 13580
X0014	1	PANEL - UPRIGHT FOOD CASE FRONT - CUSTOM	VD	WD0018. SIM TO 13571; CUSTOM LENGTH
X0032	1	PANEL - UPRIGHT FOOD CASE SIDE	VD	WD0018. SIM TO 13580
X0045	1	PANEL - FRONTLINE - CUSTOM	VD	WD0018. SIM TO 11907; CUSTOM LENGTH
X0051	1	PANEL - RESERVE WALL	VD	WD0018. SIM TO 13580
X0060	1	PANEL - UPRIGHT FOOD CASE SIDE	VD	WD0018
SOFFIT				
12845	6	SOFFIT - LIGHT VALANCE - 96X2IN 2440X50MM	VD	WITCHCRAFT PLAM. LENGTH: 27'-6" (SEE UPPER CASEWORK PLAN)
TRIM				
X0047	1	WOOD TRIM AT CEILING	VD	WD0001
X0048	12	WINDOW SIDE PANEL	VD	WD0001

CW FINISH - NCS HERITAGE			
LOCATION	DESCRIPTION	FINISH CODE	COMMENTS
COMPOSITE - DARK GREY WITH FLECKS			
BACKBAR COUNTERTOPS	COMPOSITE - DARK GREY WITH FLECKS	CP0001	
CONDIMENT CART TOP	COMPOSITE - DARK GREY WITH FLECKS	CP0001	
HANDOFF PLANE	COMPOSITE - DARK GREY WITH FLECKS	CP0001	
POS, FRONTBAR COUNTERTOPS	COMPOSITE - DARK GREY WITH FLECKS	CP0001	
FLAT BLACK POWDER COAT			
RESERVE TOWER	FLAT BLACK POWDER COAT	MT0028	
HOT ROLLED STEEL WITH MATTE SEALER			
CORNER GUARDS	HOT ROLLED STEEL WITH MATTE SEALER	MT0011	
FINISH PANEL BRACKETS	HOT ROLLED STEEL WITH MATTE SEALER	MT0011	
FINISH PANEL TRIM	HOT ROLLED STEEL WITH MATTE SEALER	MT0011	
PLASTIC LAMINATE - ALMOND (ST655-S)			
CORE CASEWORK INTERIOR	PLASTIC LAMINATE - ALMOND (ST655-S)		
PLASTIC LAMINATE - BLACK			
ESPRESSO, POS, FRONTBAR CABINET BACK	PLASTIC LAMINATE - BLACK		
POS, FRONTBAR CABINET SIDE	PLASTIC LAMINATE - BLACK		
PLASTIC LAMINATE - PIONITE WITCHCRAFT WX421			
BACKBAR CASEWORK EXTERIOR	PLASTIC LAMINATE - PIONITE WITCHCRAFT WX421		
BACKBAR STORAGE CUBBIES	PLASTIC LAMINATE - PIONITE WITCHCRAFT WX421		
CONDIMENT CART	PLASTIC LAMINATE - PIONITE WITCHCRAFT WX421		FINISH BACK SIDE AS WELL
RESERVE DISPLAY SHELVES	PLASTIC LAMINATE - PIONITE WITCHCRAFT WX421		
STAINLESS STEEL - #4 BRUSHED 16GA SST			
ESPRESSO COUNTERTOP	STAINLESS STEEL - #4 BRUSHED 16GA SST		
HAND SINK COUNTERTOP	STAINLESS STEEL - #4 BRUSHED 16GA SST		
SWITCHPLATE - PART #4752-112-CD VENETIAN BRONZE			
OVER "BLACK" DUPLEX OUTLETS IN WAINSCOT LOCATIONS	SWITCHPLATE - PART #4752-112-CD VENETIAN BRONZE		GC SUPPLIED
WOOD - DARK RED			
ESPRESSO FINISH PANELS	WOOD - DARK RED	WD0018	PLANKING WITH MITRED CORNERS
ESPRESSO WING, HANDOFF FINISH PANELS	WOOD - DARK RED	WD0018	PLANKING WITH MITRED CORNERS
FOOD CASE WALL CLADDING	WOOD - DARK RED	WD0018	PLANKING WITH MITRED CORNERS
POS, FRONTBAR FINISH PANELS	WOOD - DARK RED	WD0018	PLANKING WITH MITRED CORNERS
WALL CLADDING PANELS	WOOD - DARK RED	WD0018	PLANKING WITH MITRED CORNERS
WOOD - WARM BROWN DARK TONE DISTRESSED			
2IN TRIM AT BACKBAR WALL TILE	WOOD - WARM BROWN DARK TONE DISTRESSED	WD0001	
BANQUETTE - FINISHED BACK PANEL	WOOD - WARM BROWN DARK TONE DISTRESSED	WD0001	
CASED OPENING TRIM	WOOD - WARM BROWN DARK TONE DISTRESSED	WD0001	
CHAIR RAIL	WOOD - WARM BROWN DARK TONE DISTRESSED	WD0001	
CROWN MOULDING	WOOD - WARM BROWN DARK TONE DISTRESSED	WD0001	
ESPRESSO TOP CAP & CUSTOMER COUNTER	WOOD - WARM BROWN DARK TONE DISTRESSED	WD0001	LIVE EDGE; DESIGNER TO SPECIFY STRAIGHT EDGE IF NEEDED
SIT-HERE COUNTERTOPS	WOOD - WARM BROWN DARK TONE DISTRESSED	WD0001	
SOFFIT TRIM	WOOD - WARM BROWN DARK TONE DISTRESSED	WD0001	
WOOD TRIM/SILLS AT WINDOW OPENINGS/CEILING	WOOD - WARM BROWN DARK TONE DISTRESSED	WD0001	



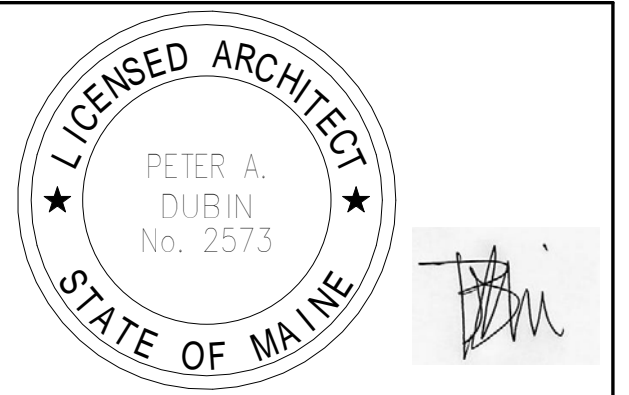
STARBUCKS COFFEE COMPANY
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

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ARCHITECT OF RECORD



ENGINEER OF RECORD



Revision Schedule			
Rev	Date	By	Description

PROJECT NAME:
COMMERCIAL STREET

PROJECT ADDRESS:
**145 COMMERCIAL STREET
PORTLAND, ME 04101
CUMBERLAND COUNTY**

STORE #: 19384
PROJECT #: 58862-001
CONCEPT: MCS
PALETTE: HERITAGE
ISSUE DATE: JAN. 11, 2013
DESIGN MANAGER: E. ZAKAMAREK
LEED® AP:
PRODUCTION DESIGNER: NORR ILLINOIS
CHECKED BY:

SHEET TITLE:
SCHEDULES

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

SHEET NUMBER:
I-602

RESPONSIBILITY LEGEND

- WH - STARBUCKS
- GC - GENERAL CONTRACTOR
- VD - VENDOR
- LL - LANDLORD

General Mechanical Notes

- Mechanical Contractor shall coordinate with the General Contractor to patch and repair all existing walls, floors, ceilings or other surfaces identified to remain that may become damaged during the course of work.
- Drawings are diagrammatic and indicate general intent or arrangement of system(s). Furnish & install all components needed whether indicated or not to provide a complete and operating system.
- Contractor to verify all dimensions, including clearances required by other trades, and notify Starbucks Construction Manager of any discrepancies prior to proceeding with the work. All dimensions are to the face of the finished surface unless noted otherwise. All dimensions to be taken from actual building dimensions.
- The Mechanical Contractor shall coordinate HVAC work with other trades. The architectural drawings shall take precedence over all other drawings. See architectural drawings for dimensioned diffuser locations and mounting heights where exposed.
- New ductwork and equipment shall not be installed where it obstructs any existing or new areas that require access.

General Specification Notes

Scope
The intent of the Specifications and the Drawings is to provide a complete and fully operational mechanical system. The Mechanical Contractor shall furnish all labor, material, and equipment necessary to complete the mechanical work.

Site Examination
The Mechanical Contractor shall thoroughly examine all areas where equipment, ductwork, and piping will be installed and will report any condition that, in his opinion, prevents the proper installation of the mechanical work.

Standards
Equipment and materials shall conform with the appropriate provisions of CSA, ULC, ARI, ASME, ASTM, UL, NEMA, ANSI, SMACNA, ASHRAE, NFPA, as applicable to each individual unit or assembly.

Codes
All work shall be performed in strict accordance with all applicable provincial and local codes and ordinances. In case of conflict between the drawings and specifications and the codes and ordinances, the highest standard shall apply. The Mechanical Contractor shall satisfy code requirements as a minimum standard without any extra cost to Starbucks.

Permits and Fees
The Mechanical Contractor shall procure and pay for all permits, fees, and inspections necessary to complete the mechanical work.

Warranty
The Mechanical Contractor shall unconditionally warrant all work to be free of defects in material and workmanship for a period of one (1) year from the date of final acceptance by Starbucks and will repair or replace any defective work promptly and without charge and restore any other existing work damaged in the course of repairing defective materials and workmanship.

LEED
All work, materials and equipment shall meet LEED requirements & code. In case of conflict, the higher Standard shall apply.

Testing, Adjusting, Balancing

Independent Air balance Contractor or qualified mechanical contractor shall accurately balance the air (including exhaust fan(s)) and hydronic (where applicable) systems to provide air and water quantities indicated on the drawings and in this specification. Balancer shall be qualified for TAB work per NEBB or AABC standards. Operate automatic controls system and verify set points. Submit two (2) copies of the balance report to the Engineer and commissioning agent for approval. Include a copy of the balance report as approved by the Engineer with application for final contract payment.

Ductwork and Accessories

Sheetmetal Ductwork
All ductwork to be rigid sheetmetal constructed from galvanized sheet steel in accordance with SMACNA low velocity duct construction standards. Fiberglass ductboard is not allowed. All exposed ductwork to be spiral round, or rectangular lock-seam type, as shown on HVAC Plan sheet. Assemble and install ductwork in accordance with recognized industry practice for achieving air tight (5% leakage) and noiseless (no objectionable noise) systems, capable of performing each indicated service. Furnish and install all required dampers, transitions, connections to air terminals, and other accessories necessary for complete operating system. No variation of duct configuration or sizes will be permitted except by permission from the Engineer.

Duct Sealant
Seal all longitudinal and transverse joints with a non-hardening, non-migrating mastic or liquid elastic sealant, with VOC content no greater than 250g/L, and of a type recommended by the manufacturer for sealing joints and seams in sheet metal ductwork. Cover all field joints, joints around spin-in fittings, and fastening screws with mastic.

Supports
Provide hot-dipped galvanized steel, fasteners, anchors, rods, straps, trim, and angles for support of ductwork.

Dampers
Provide opposed-blade, multi-leaf volume control dampers where indicated on drawings and at points on low pressure supply, return, and exhaust ducts where branches are taken from larger ducts. Provide UL listed fire or fire/smoke dampers where required and in accordance with NFPA and local codes. Provide conveniently located access doors of ample size and quantity for servicing the dampers. Provide motorized dampers at all intake & exhaust building openings in accordance with local codes. Coordinate with other trades for access panels, power & fire alarm interferences.

Grilles, Registers, and Diffusers
Grilles, registers, and diffusers shall be as specified and shall be Mechanical Contractor supplied, unless otherwise noted. Diffusers shall be installed as indicated on the drawings and schedules. The Mechanical Contractor shall provide all miscellaneous items necessary for a complete and proper installation in the type of ceiling and wall used in this project.

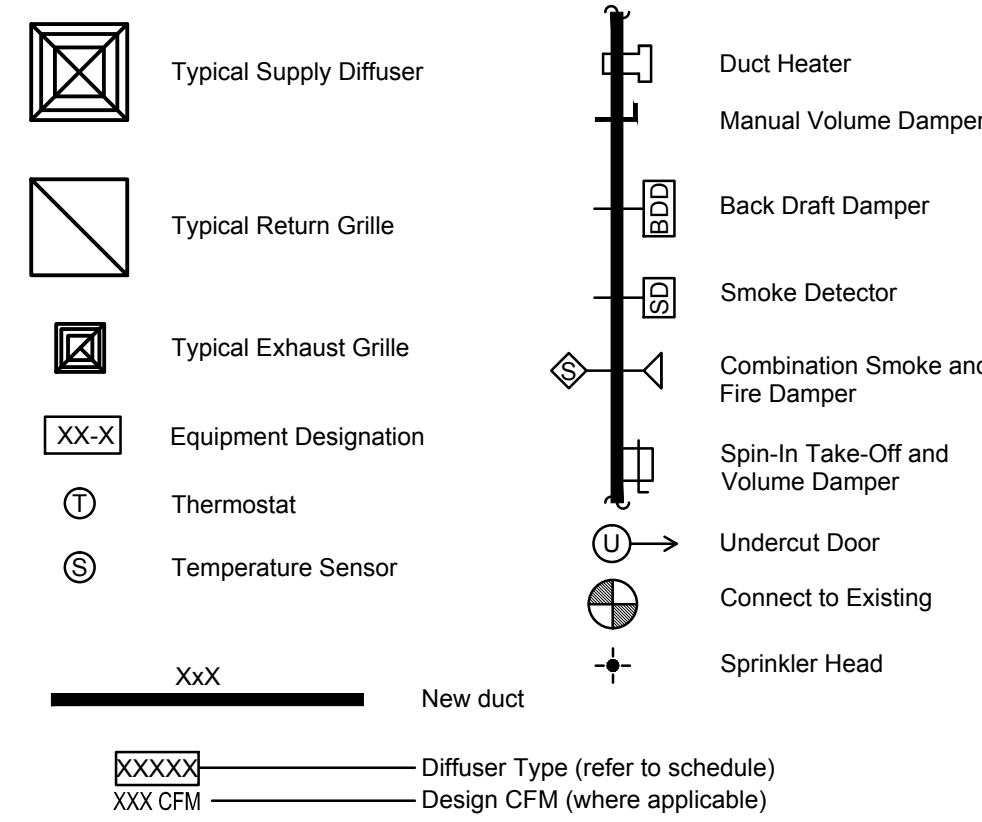
Thermal Insulation
Provide external thermal insulation with an integral vapor barrier facing of sufficient thickness to meet local energy code requirements or ASHRAE 90.1-2004, whichever is more stringent. Provide insulation on exhaust and outside air ducts, and on concealed portions of supply and return air ducts. Do not externally insulate exposed ductwork and portions of ductwork that are internally lined with code required thickness. Thermal insulation to comply with an AFPA flame spread of 25 or less, and smoke developed no greater than 50. Internally insulate Exterior ductwork per Code.

Acoustical Duct Liner
Unless otherwise indicated on the plans, provide 1" (25mm) glass fiber acoustical duct liner on supply and return ductwork within 10'-0" (305cm) of the discharge and intake of air handling units, increase duct size indicated on plans as needed to accommodate liner. Lines shall be fastened to duct with mechanical liner fasteners in accordance with SMACNA.

Flexible Ductwork
Flexible duct work shall only be installed as shown in plan and not above hard lid ceilings. Flexible ductwork shall not exceed 5'-0" (152cm) in length and two 45° elbows. It shall be pulled taut and appropriately fastened to rigid branch duct & diffuser. Bends shall be minimized and where needed be a full radius bend. Support bands shall be installed so as to not crimp flex duct. Flexible ductwork shall be UL 181 Listed as a Class 1 air duct.

Damper Air Leakage
Motorized and non-motorized dampers used for outside air intakes, exhaust & return outlets (including those within HVAC equipment) shall have a maximum air leakage value per the Energy Code or ASHRAE 90.1 when tested per AMCA Std 500.

Mechanical Symbol Legend



Controls and Operation

Control Wiring
The Mechanical Contractor shall provide all control wiring in conduit necessary for the complete and proper operating temperature control system including all modes of operation and interlock.

Thermostat
Thermostat(s) shall be Honeywell Programmable Series T7351F and remote sensor(s) T7770 furnished and installed per lease.

One thermostat and sensor is provided for each air handling unit. Mount thermostat(s) and sensor(s) in location & heights as indicated on drawings. Mechanical Contractor to provide thermostat identification labels with 1/8" (3mm) high white letters on Kelly green or black phenolic background, i.e. "AC-1/Workroom" and "AC2/ Customer Area". Refer to thermostat setup instructions below for additional requirements.

Thermostat Setup Instructions
Provide the following setup and programming on the Honeywell T7351F thermostat:
 1. Follow instructions in the Manual which comes with the thermostat. Additional information is available from Honeywell commercial field technical support at (612) 951-1019 or (763) 954-6464.
 2. Configure as follows:
 a. Degrees "F" display
 b. 12 Hour Clock
 c. Continuous Fan Operation in Occupied Mode
 d. Disable Keyboard Programming
 3. Set clock and day.
 4. Set to display current temperature
 5. Set Occupied Start Time at 30min before opening. Set Unoccupied start time at 30min after closing. Verify hours with Store Manager or Construction manager
 6. Set Points shall be as follows:
 a. Occupied (5° F Deadband)(3° C Deadband)
 i. Heating: 70° F (21° C)
 ii. Cooling: 75° F (24° C)
 b. Unoccupied
 i. Heating: 60° F (15° C)
 ii. Cooling: 78° F (25° C)
 7. Set three (3) hour occupied override function to provide the following set point overrides:
 a. Heating: +2° F (1° C)
 b. Cooling: -2° F (1° C)

Exhaust Fans
Restroom exhaust fan(s) to be operated in conjunction with store hours unless otherwise noted/approved. Fan to be controlled by Lighting Control Panel. If a Lighting Control Panel is not available, then utilize auxiliary contacts (additional relays, etc. are needed) to control exhaust fan. (Coordinate with Electrical)

HVAC Equipment and Materials

Air Handling Units
Air handling units shall be as specified in the mechanical schedule and shall be furnished and installed per the lease agreement. The Mechanical Contractor is responsible for coordinating delivery, providing complete installation including curbs, piping, vibration isolation, and necessary accessories, and providing warranty.

Filters
Provide three (3) sets of 2" (51mm) MERV6 pleated disposable filters (or higher rating if required by LEED). Use one set until completion of construction. Install one set at completion of construction (prior to TAB) and deliver one set of filters to Starbucks labeled to denote their respective air handling unit.

Abbreviations

AFF	Above Finished Floor
AHJ	Authorities Having Jurisdiction
APPROX	Approximate
BLDG	Building
CLG	Ceiling
CONST	Construction
CD	Ceiling Diffuser
CO2	Carbon Dioxide
CXA	Commissioning Agent
DEG	Degrees
DTL	Detail
DM	Down
DN	Down
DWG(S)	Drawing(s)
EA	Each
EC	Electrical Contractor
ELEC	Electrical
EM	Emergency
(E) or (EX)	Existing
EXT	Exterior
EG	Exhaust Grille
F&I	Furnish & Install
FL	Floor
FT	Foot/Foot
G	Gas Piping
GC	General Contractor
HR	Hour
HVAC	Heating, Ventilation, Air Conditioning
I.D.	Inside Dimension
LL	Landlord
LV	Low Voltage
MAX	Maximum
MECH	Mechanical
MC	Mechanical Contractor
MEP	Mechanical, Electrical and Plumbing
MFG	Manufacturer
MIN	Minimum
NTS	Not To Scale
O.D.	Outside Dimension
OSA	Outside Air
PM	Project Manager
REF	Reference
REQ(D)	Require(d)
REV	Revision
RG	Return Grille
RT	Rooftop
SHT	Sheet
SPECS	Specification(s)
SF	Square Feet
SST	Stainless Steel
TEMP	Temporary
TYP	Typical
UNO	Unless Noted Otherwise
WH	Water Heater
WSHP	Water Source Heat Pump

LEED System Commissioning

Contractor Responsibilities for Building Commissioning
Contractor shall provide support and work as specified, needed and required to conduct and facilitate Starbucks staff building commissioning efforts. This work will be comprised of three distinct efforts: 1) support Starbucks Commissioning Agent (CXA) during installation verification and correct disclosed deficiencies; 2) perform testing, adjusting, balancing and system start-up and support functional performance testing by Starbucks CXA; 3) correct deficiencies disclosed by functional performance testing and submit reports. Contractor shall perform and provide the following:

A. Systems subject to commissioning may include, but are not limited to, domestic hot water generation, HVAC systems, rooftop units, exhaust fans, HVAC lighting controls, air curtains, built-in refrigeration equipment, and renewable energy systems.

B. Contractor shall include commissioning activities in project schedule and show intervals for performance of work for which contractor is responsible and intervals for work performed by Starbucks CXA. Contractor shall show resources for performing all work related to commissioning activities on a line item in the schedule of values.

C. Contractor shall install equipment in accordance with the manufacturer's requirements and all contract documents. Ensure that all equipment is installed totally complete, and accessible to Starbucks CXA for installation verification and functional performance testing prior to the scheduled start of installation verification.

D. Installation verification shall be performed by Starbucks' CXA. Contractor shall support Starbucks CXA installation verification efforts as necessary. Provide all access and equipment necessary for Starbucks staff to verify that the equipment is installed correctly.

E. Contractor shall be readily available during installation verification to correct any deficiencies or defects disclosed by the installation verification process. Corrections shall be made in a timely manner without disruption of the construction schedule.

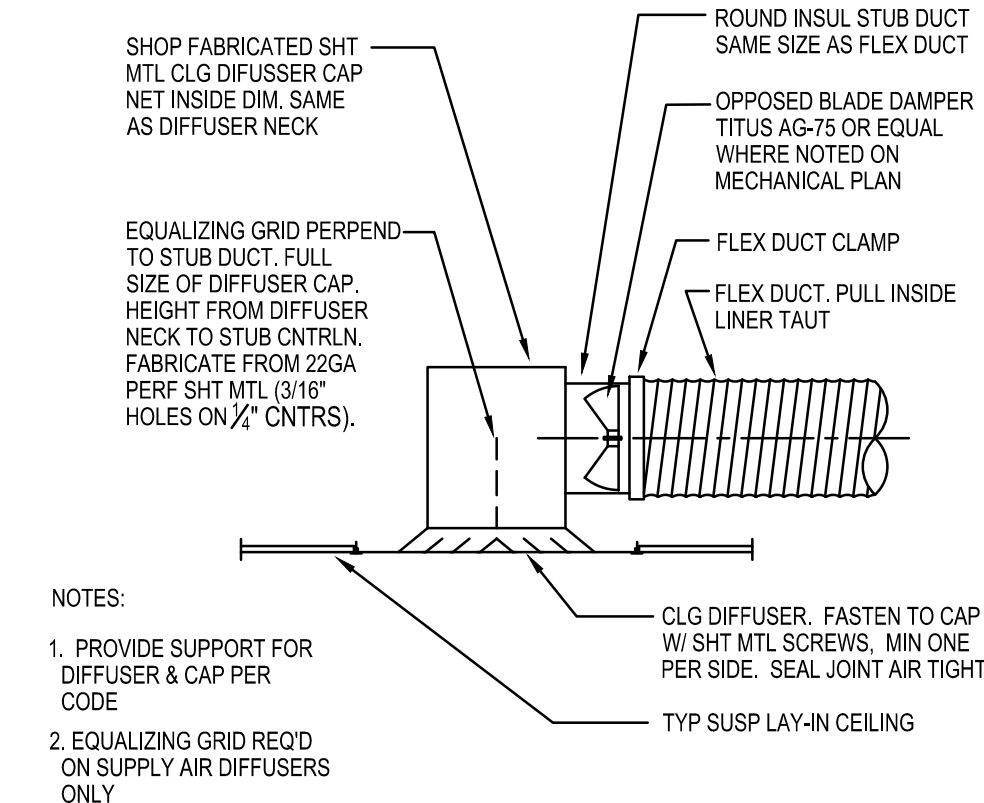
F. All HVAC, exhaust fan, and air curtain equipment shall be tested, adjusted and balanced by the contractor's testing, adjusting and balance agent (see testing, adjusting and balancing) after the system is verified to be complete and correct by Starbucks CXA, in accordance with the requirements of these documents. All HVAC control systems shall be tested to ensure that control devices, components, equipment and systems are calibrated, adjusted and operate in accordance with these plans and specifications. Sequences of operation shall be tested to ensure that they operate in accordance with the contract requirements. Deliverables: preliminary, written testing and air balance report conforming to the requirements specified herein, documenting the information specified, etc. to the Starbucks CXA immediately upon completion of the work.

G. Contractor shall inform Starbucks CXA when equipment is ready for functional performance testing. All equipment shall be ready for functional performance testing prior to starting testing. Contractor shall operate equipment for Starbucks CXA and verify by demonstration the correct operation of equipment, response of sensors, and proper execution of HVAC control and lighting sequences; including but not limited to, air movement, temperature, sound, and control response. Provide any security access, hardware, software, or other support as needed for the Starbucks CXA to efficiently witness and document all equipment testing. Starbucks CXA will record the equipment operation and response to testing sequences and prepare a list of any deficiencies disclosed by the functional performance tests for correction by the contractor. Equipment includes, but is not limited to, air handling units, rooftop and split type, condensing units, exhaust fans, lighting controls, etc. Deliverables: provide completed copies of all start up reports, filed out on the manufacturers' forms, to the Starbucks CXA.

H. Contractor is responsible for correcting any issues or deficiencies disclosed during the functional performance testing process. Corrections should be made in a timely manner without disruption to the system and construction schedule.

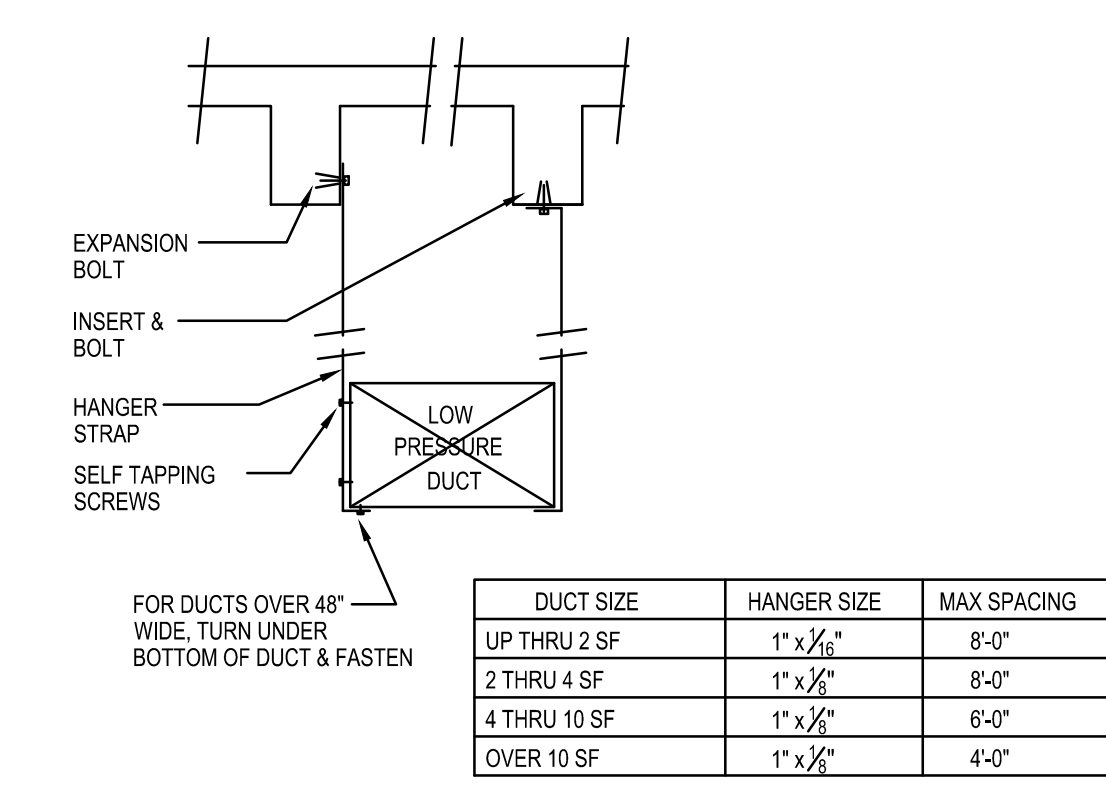
J. Contractor shall be readily available for any re-testing of equipment deemed necessary by Starbucks CXA during installation verification and functional performance testing. Contractor is responsible for correcting any issues or deficiencies found in the system during any and all re-testing. Corrections should be made in a timely manner without disruption to the system and construction schedule. Deliverables: final balance report, deficiencies list noting corrective actions performed by contractor in response to installation verification and functional performance test results.

K. Construction and post construction testing; additional testing may be required by LEED and other processes that may occur out of sequence with commissioning service. Contractor shall conduct, document, support and schedule this testing as directed by Starbucks CXA.



1 LAY-IN CLG DIFFUSER

NTS SECTION



2 DUCT HANGING DETAIL

NTS SECTION



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PROJECT NAME:
COMMERCIAL STREET
 PROJECT ADDRESS:
**145 COMMERCIAL STREET
 PORTLAND, ME 04101
 CUMBERLAND COUNTY**

STORE #: 19384
 PROJECT #: 58862-001
 CONCEPT: MCS
 PALLETTE: HERITAGE
 ISSUE DATE: JAN. 11, 2013
 DESIGN MANAGER: E. ZAKAMAREK
 LEED © AP:
 PRODUCTION DESIGNER: NORR ILLINOIS
 CHECKED BY: MG / DMC

SHEET TITLE:
Mechanical Specifications

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

SHEET NUMBER:
M-001

WATER SOURCE HEAT PUMP SCHEDULE

PLAN MARK	MANUFACTURER MODEL NUMBER	SUPPLY AIR (CFM)	OUTSIDE AIR (CFM) MIN.	EXTERNAL S.P. IN (WC)	MOTOR	COOLING CAPACITY		FLUID (WATER)			HEATING CAPACITY	FLUID (WATER)		DRY BULB	WET BULB	AMBIENT AIR	FILTER TYPE	HEATING STAGE(S)	COOLING STAGE(S)	T-STAT TYPE	VOLTS	PH	HZ	MCA/MOCP	OPERATING WEIGHT LBS.	NOTES
						MBH/TON	EER/SEER	ENTERING TEMP. (°F)	LEAVING TEMP. (°F)	FLOW RATE (GPM)	(MBH)	ENTERING TEMP. (°F)	LEAVING TEMP. (°F)	ENTERING AIR DEGREES F												
HP1-3(EX)	TRANE GEHB06042G0220	2000	400	0.5"	1 HP	64.2/5	12.8	85	95	14.5	64.6	55	44	80.6	70	95°	THROW AWAY	1	1	TWO PIECE PROGRAM.	460	3	60	12.1/15	-	1,2
HP1-4(EX)	CLIMATMASTER HP060FSCMLSGNSD	2000	320	0.3"	1 HP	56.7	12.8	85	95	11.4	66.5	55	45	80.6	70	95°	THROW AWAY	1	1	TWO PIECE PROGRAM.	460	3	60	12.3/15	-	1,2

NOTES
 1. EXISTING TO REMAIN.
 2. PROVIDE AND INSTALL WATER ECONOMIZER.

PROVIDE AND INSTALL MANUAL VOLUME DAMPERS AT ALL BRANCH DUCT CONNECTIONS

COORDINATE ROUTING OF DUCTWORK & AIR DEVICE LOCATIONS WITH LIGHTING PRIOR TO COMMENCEMENT OF WORK

AIR DEVICE SCHEDULE

ITEM#	DESCRIPTION	MANUFACTURER	MODEL #	REMARKS	SKU #	SHIP
SUPPLY						
H001	SQ. 4-WAY SUPPLY - LAY-IN	TITUS	TDC-A4 #3 BORDER	24X24 4-WAY - 10" NECK		GC
H002	SQ. 4-WAY SUPPLY - DRYWALL	TITUS	TDC-S2 #1 BORDER	12X12 2-WAY - 10" NECK		GC
H003	SQ. 4-WAY SUPPLY - DRYWALL	TITUS	TDC-S2 #1 BORDER	12X12 2-WAY - 6" NECK		GC
H004	SQ. 4-WAY SUPPLY - LAY-IN	PERFORMANCE AIR PRODUCTS, INC.	SCVH 2X2 #3 BORDER	24X24 4-WAY - 10" NECK		GC
RETURN						
H254	SQ. RETURN - LAY-IN	TITUS	350RL #3 22X22	24X24 - SEE PLAN FOR SIZE REQUIREMENTS		GC

OUTSIDE AIR CALCULATION

BASED ASHRAE 62.1 INDOOR AIR QUALITY PROCEDURE, PER 2009 IMC

1. Summary
 Ventilation Sizing Method Sum of Space OA Airflows
 Design Ventilation Airflow Rate 720 CFM

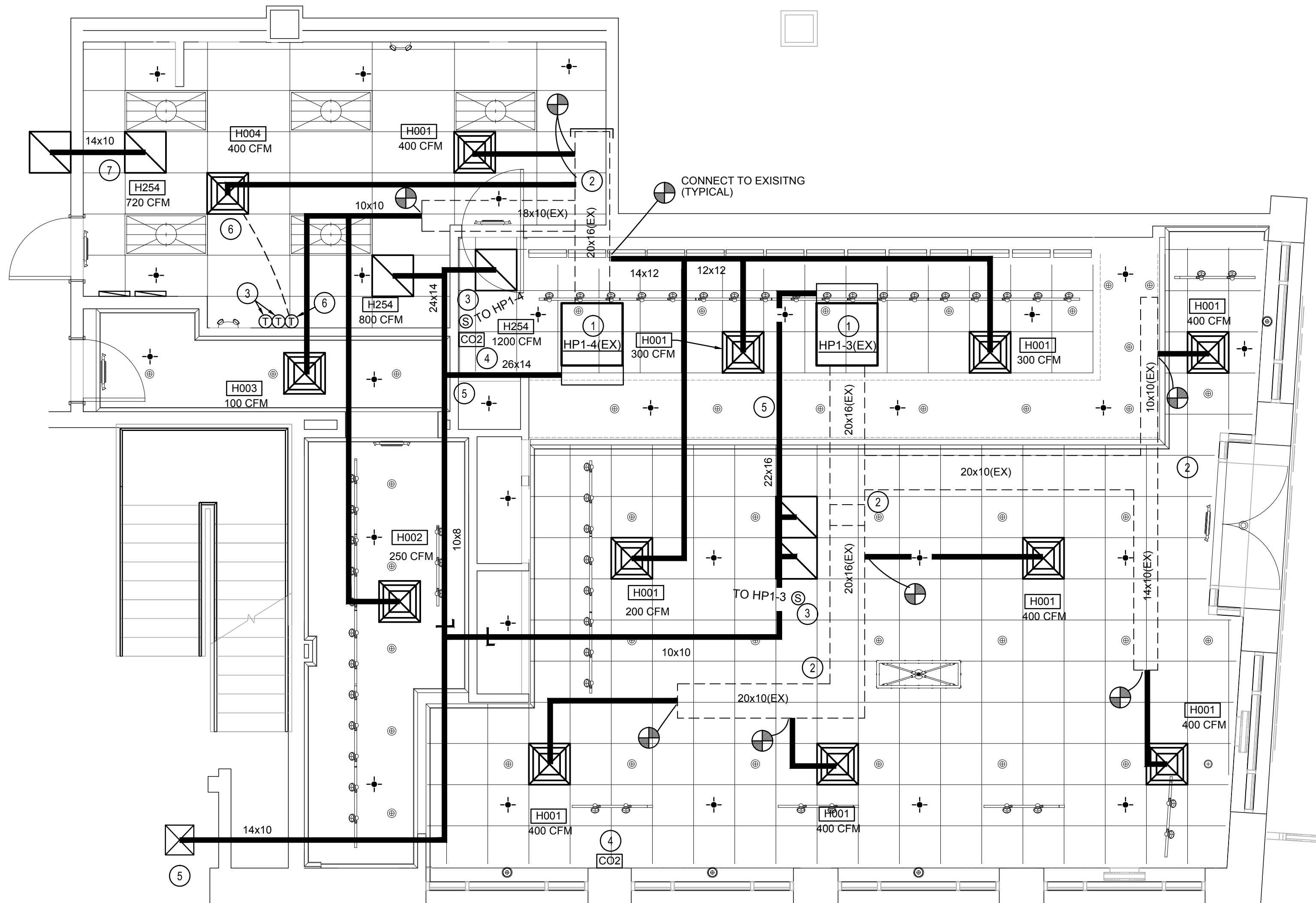
2. Space Ventilation Analysis Table

Zone Name / Space Name	Mult.	Floor Area (SF)	Maximum Occupants	Maximum Supply Air (CFM)	Required Outdoor Air (CFM/person)	Required Outdoor Air (CFM/zone)	Uncorrected Outdoor Air (CFM)
Zone 1							
Back bar	1	359.0	4.0	476.0	7.50	0.18	94.6
Cafe / Seating	1	884.0	48.0	2630.8	7.50	0.18	537.1
Corridor	1	70.0	0.0	38.1	0.00	0.06	4.2
Work room	1	393.0	4.0	722.0	7.50	0.18	84.5
Totals (incl. Space Multipliers)				3937.9			720.5

PROVIDED TOTAL 720 CFM

NOTES:

- EXISTING WATER SOURCE HEAT PUMP TO REMAIN AND BE REUSED. VERIFY PROPER WORKING CONDITION. PROVIDE SERVICE AS REQUIRED TO RESTORE TO LIKE NEW CONDITION. VERIFY PROPER SMOKE DETECTOR OPERATION. REPLACE WITH NEW IF NECESSARY. PROVIDE AND INSTALL NEW WATER ECONOMIZER WITH ALL ASSOCIATED MANUFACTURER'S RECOMMENDED VALVES AND CONTROLS. EXTEND SUPPLY AND RETURN LINES TO ECONOMIZER FROM EXISTING (SET-UP FOR ECONOMIZER OPTION) SUPPLY AND RETURN SHUT-OFF VALVES.
- PARTIALLY REUSE EXISTING MAIN DUCT WORK (SHOWN DASHED). VERIFY EXACT LOCATION AND CONNECTION POINT IN FIELD. MODIFY IF REQUIRED.
- PROVIDE & INSTALL 2 PIECE THERMOSTAT. INSTALL AT 54" A.F.F. PER ADA AT MANAGER'S DESK. COORDINATE EXACT LOCATION WITH OWNER. INSTALL WALL MOUNTED SENSOR FOR CONTROL OF HP-1.4 AND CEILING MOUNTED SENSOR FOR HP1-3. COORDINATE LOCATIONS WITH OTHER ELEMENTS OF WALL/CEILING. VERIFY EXACT LOCATIONS IN FIELD.
- STAND-ALONE INDIRECT CO2 MONITOR / ALARM. MONITOR SHALL BE INSTALLED ON WALL IN BREATHING ZONE (BETWEEN 20" AND 60" A.F.F.). THE MONITOR SHALL PROVIDE A VISUAL ALARM (RED LIGHT) IN THE EVENT THAT THE CO2 LEVELS VARY BY 15% OR MORE FROM THE DESIGN VALUE OR IF THE CONCENTRATION READINGS ARE OVER 1000 PPM. THIS STRATEGY WAS IMPLEMENTED TO COMPLY WITH LEED EQC1: OUTDOOR AIR DELIVERY MONITORING CREDIT REQUIREMENTS.
- PROVIDE AND INSTALL NEW O.A. INLET GRILLE ON OVERHEAD CEILING. COORDINATE COLOR, FINISH AND SHAPE W/L.L. (MINIMUM 160 SQ. INCH FREE OPENING AREA). EXTEND O.A. DUCT THRU EXISTING CHASE AS SHOWN TO TENANT'S PREMISES AND CONNECT TO MIXING BOX/RETURN AIR DUCT OF EACH UNIT WITH VOLUME DAMPER. BALANCE AS INDICATED. VERIFY RUN-OUTS IN FIELD. PROVIDE DUCT OFFSET IF REQUIRED TO AVOID INTERFERENCE WITH OTHER EXISTING TRADES IN CHASE. PROVIDE FIRE DAMPER IF REQUIRED, OR INSTALL O.A. DUCT IN FIRE RATED DRYWALL ENCLOSURE THRU FIRE RATED PARTITION PENETRATION.
- PROVIDE AND INSTALL SUPPLY GRILLE WITH A THERMALLY POWERED DIFFUSER TO PROVIDE ONE TEMPERATURE CONTROL ZONE 50% OF THE OFFICE ADMINISTRATION SPACE. INTERLOCK GRILLE WITH NEW THERMOSTAT PROVIDED AND INSTALLED AT 60" A.F.F. NEAR MANAGER'S DESK. VERIFY LOCATION OF THERMOSTAT WITH OWNER.
- PROVIDE AND INSTALL TRANSFER AIR DUCT EXTENDED TO FLOOR COMMON AREA TO AVOID OVER PRESSURIZING THE TENANT SPACE. PROVIDE INFORMATION TO BUILDING ENGINEER TO ACCUMULATE FLOOR AIR BALANCE.
- PROVIDE & INSTALL NEW SPRINKLER HEADS AS REQUIRED TO ACCOMMODATE CEILING AND PARTITION LAYOUT. COORDINATE EXACT LOCATION WITH CEILING FIXTURES AND LIGHTS.



MECHANICAL PLAN

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



8



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 CHECKED BY: MG / DMC

SHEET TITLE:
Mechanical Design

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

SHEET NUMBER:

M-111

General Specification Notes

Scope

The intent of the Specifications and the Drawings is to provide a complete and fully operational plumbing system. The Contractor shall furnish all labor, material, and equipment related to the installation of the plumbing work.

Site Examination

The Contractor shall thoroughly examine all areas where fixtures, equipment, and piping will be installed and will report any condition that, in his opinion, prevents the proper installation of the plumbing work.

Standards

Equipment and materials shall conform with the appropriate provisions of CSA, U.L.C., ASME, ASTM, UL, NEMA, ANSI, ASHRAE, NFPA, as applicable to each individual unit or assembly.

Codes

All work shall be performed in strict accordance with all applicable provincial and local codes and ordinances. In case of conflict between the drawings and specifications and the codes and ordinances, the highest standard shall apply. The Contractor shall satisfy code requirements as a minimum standard without any extra cost to Starbucks.

Permits and Fees

The Contractor shall procure and pay for all permits, fees, and inspections necessary to complete the plumbing work.

Warranty

The Contractor shall unconditionally warrant all work to be free of defects in material and workmanship for a period of one year from the date of final acceptance by Starbucks and will repair or replace any defective work promptly and without charge and restore any other existing work damaged in the course of repairing defective materials and workmanship.

LEED

All work, materials and equipment shall meet LEED requirements & code. In case of conflict, the higher Standard shall apply.

General Plumbing Notes

- Plumbing Contractor shall coordinate with the General Contractor to patch and repair all existing walls, floors, ceilings or other surfaces identified to remain that may become damaged during the course of work.
- Exposed/surface mounted piping is only allowed in the bar area under counters, where it does not obstruct cabinets/devices and where approved by Starbucks Construction Manager. If routed through cabinets, it shall be routed to maximize storage space and be protected from damage.
- Drawings are diagrammatic and indicate general intent or arrangement of systems. Furnish and install all components needed whether indicated or not to provide a complete and operating system.
- Contractor to verify all dimensions, including clearances required by other trades, and notify Starbucks Construction Manager of any discrepancies prior to proceeding with the work. All dimensions are to the face of the finished surface unless noted otherwise. All dimensions to be taken from actual building dimensions.
- The plumbing contractor shall coordinate plumbing work with other trades. The architectural drawings shall take precedence over all other drawings. See architectural drawings for fixtures in casework and plumbing details.
- All piping and/or plumbing devices shall be supported from structure (not from HVAC ducts or other pipes/conduits).

Plumbing Symbol Legend

	S or W	Sanitary or Waste Piping
	V	Vent Piping
	GW	Grease Waste
	CD	Condensate Drain
	CW	Cold Water Piping
	HW	Hot Water Piping
	CWF	Cold Water Filtered
	TW	Tempered Water
	RD	Refrigerant Discharge Piping
	RS	Refrigerant Suction Piping
	BV	Ball Valve
	GV	Gate Valve
	CH, V	Check Valve
	RV	Relief Valve
	HB	Hose Bibb
	WCO	Wall Cleanout
	FD	Floor Drain (Square)
	FD	Floor Drain (Round)
	HD	Hub Drain
	FS	Floor Sink (Square)
	FS	Floor Sink (Round)
	WM	Water Meter
	POC	Connect to Existing

Existing piping shown in a lighter shade.

Piping

Soil, Waste, and Vent Piping

Soil, Waste, and Vent piping 10" (254mm) and smaller shall be service weight, hubless, cast iron pipe, and fittings with neoprene gasket and stainless steel shield and clamp. Provide hub and spool, service weight cast iron soil pipe and fittings below grade where required by local codes. Schedule 40 ABS or PVC pipe and fittings with solvent weld may be substituted for soil, waste, and vent piping above and below grade if allowed by local authority. Adhesives shall not exceed a VOC content of 510 g/L for PVC and 325 g/L for ABS. All horizontal runs shall drain at a grade of 1/4" per foot (21mm per meter) where possible but in no case less than 1/8" per foot (10mm per meter) where allowed & sized per AHJ and Code.

Coordinate with local authorities for drainage requirements for equipment designated with indirect waste to floor sinks. Provide piped drain (P-trap and vent) to sanitary if required by local jurisdiction.

Domestic Water Piping

Domestic water piping 2 1/2" (64mm) and smaller shall be copper tube with wrought copper sweat fittings joined with non-lead, non-antimony solder. Provide type "L" copper tube above grade and type "K" below grade.

Condensate Drainage Piping

The Plumbing Contractor shall provide condensate drains for air handling units and Starbucks equipment (refer to schedule). Condensate drainage piping shall be type "M" copper tubing with wrought copper sweat fittings joined with 50/50 solder.

Natural Gas Piping

Gas piping shall be Schedule 40, seamless, black steel pipe. Provide piping support blocking on roof, compatible with roofing system.

Hangers and Supports

The Plumbing Contractor shall furnish all pipe supports required for equipment and material. All horizontal runs of piping shall be supported by pipe hangers installed as required by local codes. Additional supports shall be provided where required to prevent sagging. Hangers and pipe attachments to be factory fabricated with galvanized coatings; non-metallic coated for hangers in direct contact with copper tubing.

Connections

Install unions adjacent to each valve and at final connection to each piece of equipment. Install dielectric couplings to connect piping materials of dissimilar metals. Screw joint steel piping up to and including 1-1/2" (38mm) for gas piping. Use non-lead, non-antimony solder for soldering domestic water copper pipe.

Cleanouts

Provide floor and wall cleanouts as indicated on the drawings or where required by code in all soil, waste, and drain lines. In areas with ceramic tile or carpeted flooring, provide cleanouts with square, adjustable, nickel bronze top. In areas with resilient (vinyl) flooring, provide cleanouts with square, adjustable, nickel bronze top with tile recess. Cleanouts shall be same size as pipe except that cleanouts larger than 4" will not be required. Where cleanouts occur in walls of finished areas, they shall be concealed behind chrome plated access covers.

Installation

Install piping free of sags and bends. Provide bracket standoffs from mounting surfaces sufficient to allow 1" (25mm) of cleaning space all around piping, including any added piping insulation. Install fittings for changes in direction and branch connections. Install sleeves for pipes passing through concrete and masonry walls, gypsum board partitions, concrete floor and roof slabs. Seal pipe penetrations through rated construction with fire stopping sealant material per Code requirements. Underground water and sewer lines shall be laid in separate trenches with a minimum horizontal spacing as required by code, excavated to the proper depth and graded to produce the required fall.

Testing

All pipes shall be tested by an approved method before they are backfilled or concealed. After testing is complete, the Plumbing Contractor shall disinfect the potable water system as required by local authority. Test water purity according to local requirements and submit certified test results to engineer for review and approval.

Insulation

Water Piping

Provide thermal insulation on all hot and cold water, and horizontal waste piping in ceiling spaces, and on all cold water piping in casework and bar areas. Use self sealing closed cell foam or jacketed fiberglass insulation with manufacturer approved adhesives, sealers, and coatings. All materials used shall not exceed 25 for flame spread index, 50 for fuel contributed or 50 for smoke developed index. Unless otherwise required by the local authority or energy codes, the minimum insulation levels shall be as follows.

Pipe Size (diameter)	Insulation Thickness
1" (24mm)	1" (25mm)
2" (51mm) or greater	1 1/2" (38mm)

(Insulation Value = k value not exceeding 0.027 BTU per inch/h²/F²)

Safety Covers

Install specified no scald safety covers with insulated foam liner and tamper proof strap as furnished by Starbucks at all exposed piping.

Ice Bin Drain

Insulate ice bin drain lines with 1/2" (13mm) thick, self sealing, sectional, closed cell foam.

HVAC Piping

Insulate refrigerant suction piping and cooling coil condensate piping with 3/4" (19mm) thick, self sealing, closed cell foam. Insulate HVAC hot and chilled water piping systems and low pressure steam and condensate piping with 1 1/2" (38mm) thick, heavy duty, self sealing, jacketed fiberglass. Install thicker insulation where required by Code.

Rain Conductors

Insulate rain water conductors which pass through occupied areas with 1/2" (13mm) thick fiberglass.

Note: Water Heater exceeds the minimum required Energy Factor (EF of .63) stated in LEED Credit Eqp2.

DESIGN ID	COUNT	DESCRIPTION	RESP.	COMMENTS
SPECIALTY EQUIPMENT SCHEDULE - "E"				
EQUIPMENT				
10746	1	BREWER DUAL SOFT HEAT	WH	
11070	1	DISHWASHER SANITIZER	WH	ENERGY STAR COMPLIANT
11851	1	BREWER CLOVER	VD	
12694	2	ESPRESSO MACHINE MASTRENA	WH	
ICE				
10344	1	ICE - BIN DROP IN 95LB	VD	ELKAY
10475	1	ICE - MACHINE 1109LB AIR COOLED SIDE VENT	VD	MILE HIGH
10527	2	ICE - BIN DROP IN 45LB	WH	
10880	1	ICE - BIN 1000LB	VD	MILE HIGH

Valves

General

Plumbing Contractor to provide valves where indicated on plans and as necessary for proper system operation and component isolation. Install valves for each fixture and item of equipment. Provide braided stainless steel hose (unless otherwise noted) between valve and equipment in accordance with manufacturer's specifications. Locate shut-off valves adjacent to equipment for easy access such that valves can be reached without moving equipment. Shut off valves to be ball type. Valves shall be listed/approved for use per Authorities Having Jurisdiction (AHJ) and code requirements.

Valves

Provide valves for working pressure in water piping of 125 PSI or greater. Unless noted otherwise valves shall meet the following minimum requirements:

Valve Type	Description
Check Valve (up to 2" (51mm))	Bronze, horiz. swing, Y-pattern, renewable seat/disc
Ball valve (up to 3" (76mm))	Brass, full port, quarter turn
Gate Valve (up to 3" (76mm))	Bronze, non-rising stem, solid wedge
Temperature and Pressure Relief Valve	Rated for potable water heating storage vessel with safety certification per AHJ
Water Hammer Arrestor	Pre-charged, sealed chamber
Backflow Preventer (whole-house)	Double check valve assembly with union ball valves and safety certification per AHJ
Backflow Preventer (single device)	Double check valve assembly with safety certification per AHJ
Vacuum Relief Valve	Brass body and stainless steel internals
Pressure Reducing Valve	Bronze, 25 to 75 psi reduce pressure range and upstream/downstream pressure gauges
Trap Seal Primer	Bronze, pressure based automatic priming

Supply Water Service

If water pressure supplied to store is greater than and 65 PSI, then provide a pressure regulator in main supply to reduce water pressure. Provide backflow prevention on water service if required by local codes.

Thermostatic Mixing Valve

Provide a single Thermostatic Mixing Valve (TMV) located at hot water tank and set for 110" (or as required by AHJ) to serve hand sinks. Mixing valve to be installed per Manufacturer's requirements with check valves at supply inlets.

Plumbing Fixtures

Water Heater

Size water heater per Starbucks standard and per Authorities Having Jurisdiction (AHJ), whichever is more stringent. Provide a glass-lined, energy efficient, gas fired (or electric equivalent) water heater. Provide installation complete with fittings as shown in the drawings. Set hot water temperature at 120°F or as required by AHJ.

Water Filtration

Starbucks water filtration vendor will provide filtration system. Contractor shall confirm with Starbucks Construction Manager whether vendor or Plumbing Contractor is to install filtration system. Provide and coordinate installation complete with all piping, fittings, and equipment as indicated on the drawings.

Connections

The Plumbing Contractor shall make all final connections to equipment including required material such as piping, valves, filters, traps, checks valves, vacuum breakers, and flexible and rigid tubing.

Schedules

Refer to schedules on drawings (Plumbing & Arch. Schedules) for a description of listed items and furnish any and all plumbing fixtures listed as "GC". Any discrepancies among who is to provide plumbing fixtures in the schedule shall be brought to Starbucks attention for clarification. Install all fixtures listed regardless of who supplies.

Abbreviations

3PL	Third Party Logistics
AFF	Above Finished Floor
AHJ	Authorities Having Jurisdiction
APPROX	Approximate
BLDG	Building
CLG	Ceiling
CONST	Construction
CW	Domestic Cold Water
CXA	Commissioning Agent
DEG	Degrees
DTL	Detail
DN	Down
DWG(S)	Drawing(s)
EA	Each
ELC	Electrical Contractor
EM	Emergency
(E) or (EX)	Existing
EXT	Exterior
FD	Floor Drain
FS	Floor Sink
F&I	Furnish & Install
FL	Floor
FR	Foot/Foot
FCO	Floor Cleanout
GC	General Contractor
GFCl	Ground Fault Circuit Interrupter
GW	Grease Waste
HVAC	Heating, Ventilation, and Air Conditioning
HW	Hot Water
HS	HandSink
HWS	Hot Water Supply
HWR	Hot Water Return
LV	Landlord
MAX	Low Voltage
MECH	Maximum
MC	Mechanical
MDP	Mechanical Contractor
MEP	Main Distribution Panel
MFG	Mechanical, Electrical, and Plumbing Manufacturer
MIN	Minimum
MS	Mop Sink
NL	Nightlight
NTS	Not to Scale
PC	Plumbing Contractor
PS	Prep Sink
POC	Point of Connection
PM	Project Manager
REF	Reference
REQ(D)	Required(d)
SHT	Sheet
SPEC(S)	Specification(s)
SF	Square Feet
SST	Stainless Steel
TEL	Telephone
TEMP	Temporary
TYP	Typical
TMV	Temperature Mixing Valve
TW	Tempered Hot Water
UNO	Unless Noted Otherwise
V	Vent
W	Sanitary Waste
WH	Water Heater
WP	Weather Proof
WCO	Wall Cleanout

LEED System Commissioning

Contractor Responsibilities for Building Commissioning

Contractor shall provide support and work as specified, needed and required to conduct and facilitate Starbucks staff building commissioning efforts. This work will be comprised of three distinct efforts: 1) support Starbucks Commissioning Agent (CXA) during installation verification and correct disclosed deficiencies; 2) perform testing, adjusting, balancing and system startup and support functional performance testing by Starbucks CXA; 3) correct deficiencies disclosed by functional performance testing and submit reports. Contractor shall perform and provide the following:

A. Systems subject to commissioning may include, but are not limited to, domestic hot water generation; HVAC systems, rooftop units, exhaust fans, HVAC controls, lighting controls, air curtains, built-in refrigeration equipment, and renewable energy systems.

B. Contractor shall include commissioning activities in project schedule and show intervals for performance of work for which contractor is responsible and intervals for work performed by Starbucks CXA. Contractor shall show resources for performing all work related to commissioning activities on a line item in the schedule of values.

C. Contractor shall install equipment in accordance with the manufacturer's requirements and all contract documents. Ensure that all equipment is installed totally complete, and accessible to Starbucks CXA for installation verification and functional performance testing prior to the scheduled start of installation verification.

D. Installation verification shall be performed by Starbucks CXA. Contractor shall support Starbucks CXA installation verification efforts as necessary. Provide all access and equipment necessary for Starbucks staff to verify that the equipment is installed correctly.

E. Contractor shall be readily available during installation verification to correct any deficiencies or defects disclosed by the installation verification process. Corrections shall be made in a timely manner without disruption of the construction schedule.

F. All HVAC, exhaust fan, and air curtain equipment shall be tested, adjusted and balanced by the contractor's testing, adjusting and balance agent (see testing, adjusting and balancing) after the system is verified to be complete and correct by Starbucks CXA, in accordance with the requirements of these documents. All HVAC control systems shall be tested to ensure that control devices, components, equipment and systems are calibrated, adjusted and operate in accordance with these plans and specifications. Sequences of operation shall be tested to ensure that they operate in accordance with the contract requirements. Deliverables: preliminary, written testing and air balance report conforming to the requirements specified herein, documenting the information specified, etc. to the Starbucks CXA immediately upon completion of the work.

G. Contractor shall inform Starbucks CXA when equipment is ready for functional performance testing. All equipment shall be ready for functional performance testing prior to starting testing. Contractor shall operate equipment for Starbucks CXA and verify by demonstration the correct operation of equipment, response of sensors, and proper execution of HVAC control and lighting sequences, including but not limited to, air movement, temperature, sound, and control response. Provide any security access, hardware, software, or other support as needed for the Starbucks CXA to efficiently witness and document all equipment testing. Starbucks CXA will record the equipment operation and response to testing sequences and prepare a list of any deficiencies disclosed by the functional performance tests for correction by the contractor. Equipment includes, but is not limited to, air handling units, rooftop and split type, condensing units, exhaust fans, lighting controls, etc. Deliverables: provide completed copies of all start up reports, filled out on the manufacturers' forms, to the Starbucks CXA.

H. Contractor is responsible for correcting any issues or deficiencies disclosed during the functional performance testing process. Corrections should be made in a timely manner without disruption to the system and construction schedule.

J. Contractor shall be readily available for any re-testing of equipment deemed necessary by Starbucks CXA during installation verification and functional performance testing. Contractor is responsible for correcting any issues or deficiencies found in the system during any and all re-testing. Corrections should be made in a timely manner without disruption to the system and construction schedule. Deliverables: final balance report, deficiencies list noting corrective actions performed by contractor in response to installation verification and functional performance test results.

K. Construction and post construction testing: additional testing may be required by LEED and other processes that may occur out of sequence with commissioning service. Contractor shall conduct, document, support and schedule this testing as directed by Starbucks CXA.

DESIGN ID	COUNT	DESCRIPTION	RESP.	COMMENTS
PLUMBING FIXTURE SCHEDULE - "P"				
X0021	1	GREASE TRAP	GC	SEE SHEET P-112 FOR SPECIFICATION
DRAIN				
10309	6	DRAIN - FLOOR SINK WITH HALF GRATE SQUARE - 12IN 305MM	WH	Jay R. Smith Model #304-12 or equal
X0099	2	DRAIN - 6" FLOOR DRAIN	WH	Wade Model #1103STD6 or Equal.
FAUCET				
10152	1	FAUCET - DOUBLE LABORATORY WITH BENT RISER SPOUT	WH	
10153	1	FAUCET - WATER TOWER - 12IN 305MM	WH	
10215	2	FAUCET - DOUBLE LABORATORY WITH SWING SPOUT	WH	
10447	1	FAUCET - PRE RINSE SPRAYER WALL MOUNTED	WH	1.2 GPM VALVE
10597	1	FAUCET - SINGLE HANDLE	WH	FC' MODEL, 0.5 GPM AERATOR
10804	1	FAUCET - PRE RINSE SWING SPOUT	WH	
10874	1	FAUCET - HOT WATER DISPENSER GOOSENECK	WH	
10922	1	FAUCET - MOP SINK WALL MOUNTED	WH	
10943	1	FAUCET - SINGLE LABORATORY WITH SWING SPOUT	WH	
11003	1	FAUCET - DIPPERWELL	WH	
FILTER				
13076	1	FILTER - PREFILTRATION SYSTEM	WH	PENTAIR WATER SYSTEM - CONFIG 1
13080	1	FILTER - HEAD QUAD	WH	PENTAIR WATER SYSTEM - CONFIG 1
13081	4	FILTER - CARBON FILTER CARTRIDGE	WH	PENTAIR WATER SYSTEM - CONFIG 1
13149	1	FILTER - PRESSURE GAUGE	WH	PENTAIR WATER SYSTEM - CONFIG 1
OTHER				
11109	1	WATER HEATER 50GAL 190L ELECTRIC	GC	AO SMITH Model #DEL-50 or Equal, 54 GPH Recovery @ 90 Degree Rise, Set Water Heater to 120 Deg. Max. Energy Factor = .98 12 KW 3 PH 277 / 480V
SINK				
10505	1	SINK - RINSE DROP IN - 27X20IN 685X510MM	WH	
10549	1	SINK - WORK DROP IN SST - 12X20IN 305X510MM	WH	
10581	1	SINK - HAND WALL MOUNTED SST	WH	INTEGRAL FAUCET WITH 0.5 GPM AERATOR
10995	1	SINK - MOP - 24X24IN 610X610MM	WH	
12807	1	SINK - UTENSIL RINSE WITH GRATE SST - LH - 14X20IN 355X510MM	VD	ELKAY
13264	1	SINK - 3 COMP WORK SST - 93IN 2350MM	VD	ELKAY

DESIGN ID	COUNT	DESCRIPTION	RESP.	COMMENTS
CASEWORK SCHEDULE - "C"				
COUNTERTOP				
11915	1	COUNTERTOP - HAND SINK STAINLESS - 15IN 380MM	VD	



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Plumbing Design Notes

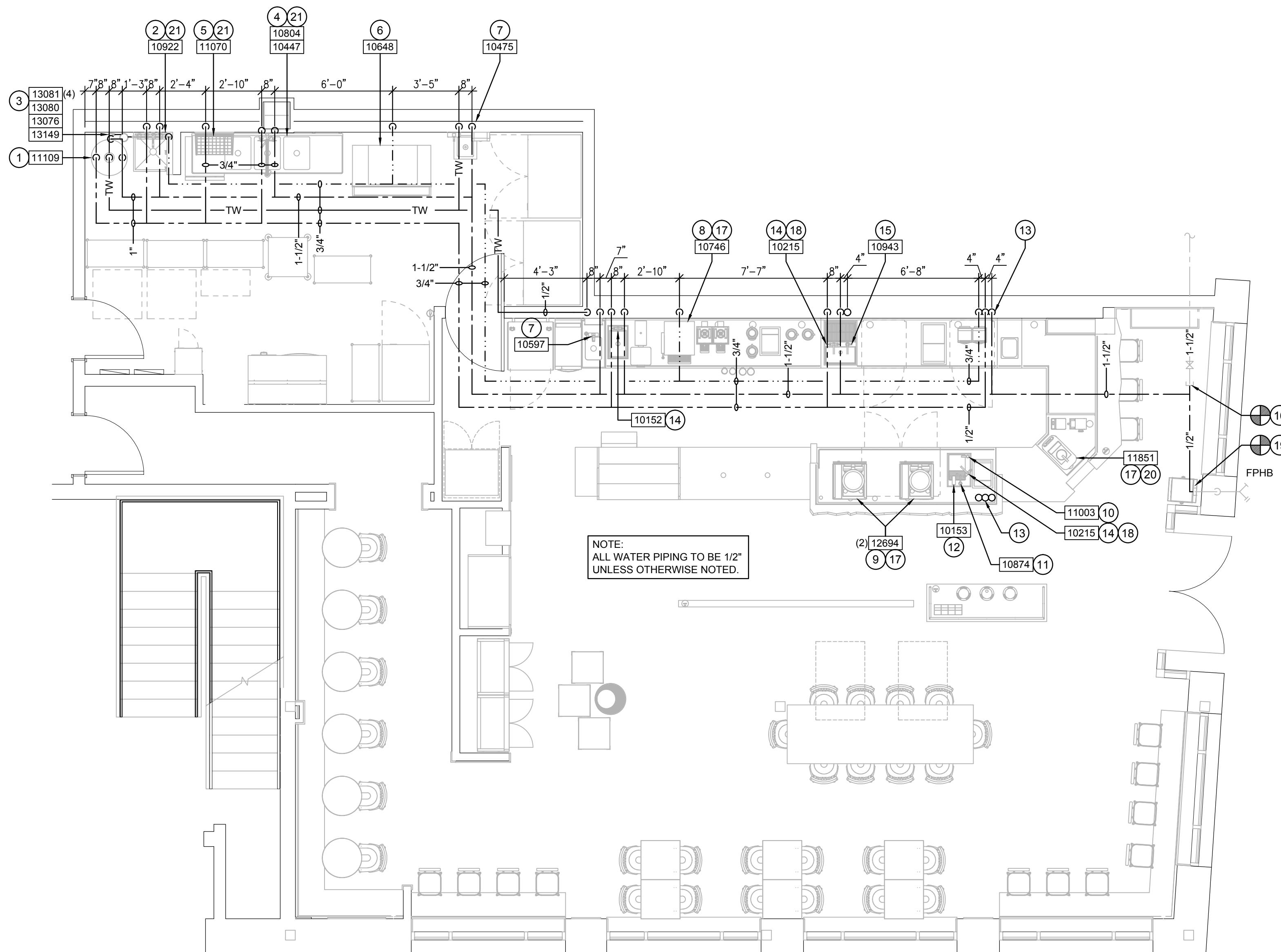
- A. Furnish and install a complete and operating system. All items are not necessarily shown.
- B. Plumbing Contractor responsible for site investigation prior to start of work to reveal full scope of work.
- C. All Plumbing lines to be routed such that they are not visible to customers.
- D. Refer to manufacturer specifications for location of connections unless otherwise noted.
- E. Coordinate with Electrical Contractor for power connection to all plumbing equipment.
- F. Dimensions are to finish face unless otherwise noted.
- G. Refer to detail sheets for plumbing fittings located in casework.
- H. Cold water supply lines inside casework and bar area to be covered with 1/2" (10mm) thick self sealing, sectional closed-cell foam insulation. Refer to specifications for hot water supply line insulation requirements.
- J. Contractor shall contact water filter supplier before the time that the filter system is to be started up.
- K. Verify proper water system with water test results.

Sheet Notes

- 1. 1" CW TO WATER HEATER & 1" HW FROM WATER HEATER. WATER HEATER AS SPECIFIED AND IN COMPLIANCE WITH APPLICABLE CODES AND ORDINANCES. DIMENSIONS OF THE HEATER SHALL ALLOW INSTALLATION ABOVE THE MOP SINK. REFER TO WATER HEATER DETAIL ON SHEET P-501.
- 2. 1/2" HW & CW TO FAUCET AT MOP SINK. CAULK AND SEAL BACK OF SINK TO WALL.
- 3. 3/4" CW TO WATER FILTER AND 3/4" CWF FROM WATER FILTER. PLUMBING CONTRACTOR TO FOLLOW MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ACTIVATION PROCEDURES FOR FILTERS. VERIFY REQUIREMENTS PRIOR TO BID.
- 4. 1/2" HW & CW TO FAUCET AND SPRAY AT COMPARTMENT SINK. CAULK AND SEAL BACK OF SINK TO WALL.
- 5. 3/4" HW TO DISHWASHER. INSTALL SHUT-OFF WITH 3/4" MALE HOSE-END FITTING @ 18" A.F.F. UNDER COMPARTMENT SINK. SHUT-OFF TO INCLUDE PRESSURE REDUCING VALVE, PRESSURE GAUGE (SET @ 20 PSIG, 1" OR 5 PSIG), LINE STRAINER AND SHOCK ARRESTOR IN WALL. CONNECT SANITIZER TO HW SUPPLY WITH 72" LONG BRAIDED STAINLESS STEEL HOSE.
- 6. 1/2" CWF TO ICE MACHINE. REDUCE TO 3/8" AT MACHINE.
- 7. 1/2" TW & CW TO SINK.
- 8. 1/2" CWF TO COFFEE BREWER. INSTALL SHUT-OFF IN CABINET @ 24" AFF. REDUCE TO 3/8" AT UNIT.
- 9. 1/2" CWF TO ESPRESSO MACHINE PUMP. SEE DETAIL PROVIDED ON SHEET P-501.
- 10. 1/2" CW TO DIPPERWELL FAUCET. REDUCE TO 1/4" AT UNIT.
- 11. 1/2" CWF TO INSTAHOT TAP. REDUCE TO 1/4" AT UNIT.
- 12. 1/2" CWF TO WATER TOWER FAUCET LOCATED IN WATER STATION.
- 13. 3/4" CWF, CW AND 1/2" HW TO BE ROUTED BELOW SLAB, STUB-UP THRU FLOOR OR TO DROP IN WALL AND ROUTE THROUGH CABINETRY FOR FRONT FRONT BAR AREA. 10153, 10215, 10874, 11003, 11851 AND 12694(2). REFER TO NOTES 9, 10, 11, 12, 14, 17, 18 AND 20. VERIFY ROUTING IN FIELD WITH GC PRIOR TO INSTALLATION. CONTRACTOR TO DETERMINE IN FIELD THE MOST COST EFFECTIVE ROUTING AND COORDINATE WITH OWNER'S REPRESENTATIVE PRIOR TO COMMENCING WORK.
- 14. 1/2" HW & CW TO SINK.
- 15. 1/2" CW TO SINK.
- 16. MAKE CONNECTION TO 1-1/2" WATER LINE STUBBED INTO PREMISES BY LANDLORD. LANDLORD TO PROVIDE METER AND BACKFLOW PREVENTER IN LANDLORD'S UTILITY ROOM. VERIFY THAT THE DOMESTIC WATER SERVICE IS ADEQUATE TO SUPPLY A MINIMUM OPERATING FLOW RATE OF 50 GALLONS PER MINUTE; AT A MINIMUM 50PSIG AND A MAXIMUM OF 80PSIG DYNAMIC PRESSURE AT ALL TIMES. IF FLOW RATE OR PRESSURE IS NOT SUFFICIENT, LANDLORD SHALL ENGINEER, FURNISH AND INSTALL A BOOSTER PUMP IN A LOCATION AGREED UPON WITH THE TENANT. ENTIRE INSTALLATION SHALL BE IN ACCORDANCE WITH LOCAL CODES. CONTRACTOR SHALL FIELD VERIFY REQUIREMENTS PRIOR TO BID. BID SHALL INCLUDE ALL WORK NECESSARY FOR A FULLY OPERATIONAL SYSTEM.
- 17. PROVIDE A WATTS 9D ASSE 1012 BACKFLOW PREVENTER AT ESPRESSO AND COFFEE MAKERS ETC. AS REQUIRED BY AHJ. VERIFY REQUIREMENTS PRIOR TO COMMENCING WORK.
- 18. PROVIDE A WATTS 8 ASSE 1011 BACKFLOW PREVENTER ON THE FAUCET (10215) FOR THE BLENDER PITCHER RINSER AS REQUIRED BY CODE.
- 19. FREEZE PROOF HOSE BIBB BY LANDLORD. COORDINATE PROVISION OF HOSE BIBB WITH LANDLORD AND VERIFY REQUIREMENTS PRIOR TO COMMENCING WORK. HOSE BIBB MUST BE CONNECTED TO 1/2" INSULATED, COPPER PIPE AND RUN WITHIN CONDITIONED SPACE. IT MUST BE EXPOSED AND VISIBLE FOR TENANT'S CONNECTION.
- 20. 1/2" CWF TO CLOVER BREWER. INSTALL SHUT-OFF IN CABINET. CONNECT 3/8" COMPRESSION BRAIDED STAINLESS STEEL HOSE FROM SHUT-OFF TO BREWER INLET. SEE DETAIL ON SHEET P-501.
- 21. PROVIDE A WATTS MODEL #008PC-QT ASSE 1056 TYPE BACKFLOW PREVENTER FOR CHEMICAL DISPENSERS AND SANITIZER AS REQUIRED BY AHJ. VERIFY REQUIREMENTS PRIOR TO COMMENCING WORK.

WATER DEMAND CALCULATION			
FIXTURE	QUANTITY	WSFU EA.	WSFU TOTAL
MOP SINK	1	3	3
3-COMP. SINK (FAUCETS)	2	2	4
KITCHEN SINK	3	1.5	4.5
HAND SINK	2	1	2
DIPPER WELL	1	1	1
ICE MACHINE	1	.5	.5
GLASS FILLER	2	.5	1
INSTAHOT TAP	2	1	2
DISHWASHER	1	4	4
COFFEE BREWER	1	.5	.5
ESPRESSO MACHINE	2	.5	1
HOSE BIBB	1	2.5	2.5
TOTAL WSFU REQUIRED			26

26 WSFU = 20 GPM = 1-1/2" Ø WATER SERVICE



1 PLUMBING SUPPLY PLAN

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



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 St. Louis, Missouri 63109
 Phone (314) 774-0283
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Engineering Consultants
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Revision Schedule				
Rev	Date	By	Description	

PROJECT NAME:
COMMERCIAL STREET

PROJECT ADDRESS:
 145 COMMERCIAL STREET
 PORTLAND, ME 04101
 CUMBERLAND COUNTY

STORE #: 19384
 PROJECT #: 58862-001
 CONCEPT: MCS
 PALETTE: HERITAGE
 ISSUE DATE: JAN. 11, 2013
 DESIGN MANAGER: E. ZAKAMAREK
 LEED® AP:
 PRODUCTION DESIGNER: NORR ILLINOIS
 CHECKED BY: CLL / SMD

SHEET TITLE:
Plumbing Supply Plan

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

SHEET NUMBER:
P-111



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Revision Schedule			
Rev	Date	By	Description

PROJECT NAME: **COMMERCIAL STREET**
 PROJECT ADDRESS: **145 COMMERCIAL STREET
 PORTLAND, ME 04101
 CUMBERLAND COUNTY**

STORE #: 19384
 PROJECT #: 58862-001
 CONCEPT: MCS
 PALETTE: HERITAGE
 ISSUE DATE: JAN. 11, 2013
 DESIGN MANAGER: E. ZAKAMAREK
 LEED® AP:
 PRODUCTION DESIGNER: NORR ILLINOIS
 CHECKED BY: CLL / SMD

SHEET TITLE:
Plumbing Waste/Drain Plan
 SCALE: 1/4" = 1'-0"

SHEET NUMBER:
P-112

Plumbing Design Notes

- A. Furnish and install a complete and operating system. All items are not necessarily shown.
- B. Plumbing Contractor responsible for site investigation prior to start of work to reveal full scope of work.
- C. All Plumbing lines to be routed such that they are not visible to customers.
- D. Refer to manufacturer specifications for location of connections unless otherwise noted.
- E. Coordinate with Electrical Contractor for power connection to all plumbing equipment.
- F. Dimensions are to finish face unless otherwise noted.
- G. Refer to detail sheets for plumbing fittings located in casework.
- H. Cold water supply lines inside casework and bar area to be covered with 1/2" (10mm) thick self sealing, sectional closed-cell foam insulation. Refer to specifications for hot water supply line insulation requirements.
- J. Contractor shall contact water filter supplier before the time that the filter system is to be started up.
- K. Verify proper water system with water test results.

Sheet Notes

- 1. 1" INDIRECT DRAIN FROM DRIP PAN AND 3/4" PRESSURE RELIEF FROM WATER HEATER TO FLOOR DRAIN.
- 2. 3" WASTE FROM MOP SINK.
- 3. 2" INDIRECT DRAIN FROM COMPARTMENT SINK TO FLOOR SINK.
- 4. 1-1/4" INDIRECT DRAIN FROM DRAINWASHER TO FUNNEL OVER FLOOR SINK IF PERMITTED.
- 5. 5/8" I.D. F.P.T. FROM DRAIN ON ICE MACHINE TO INDIRECT DRAIN AT FLOOR SINK.
- 6. 5/8" DRAIN HOSE TO INDIRECT DRAIN RISER. SEE DETAIL ON SHEET P-501.
- 7. 1" INDIRECT INSULATED DRAIN LINE FROM ICE BIN DROP TO FLOOR SINK.
- 8. 3/4" INDIRECT DRAIN FROM WATER STATION DRAIN BOARD TO FLOOR SINK.
- 9. 3" WASTE FROM FLOOR SINK.
- 10. 2" WASTE FROM SINK.
- 11. MAKE CONNECTION TO EXISTING SANITARY SEWER WITHIN PREMISES. VERIFY EXACT LOCATION, INVERTS AND REQUIREMENTS ON SITE.
- 12. 1-1/2" INDIRECT DRAIN TO FLOOR SINK. IF INDIRECT NOT ALLOWED, PROVIDE 2" DIRECT DRAIN. SEE DETAIL ON SHEET P-501.
- 13. 3" WASTE FROM FLOOR DRAIN.
- 14. 1-1/2" INDIRECT DRAIN FROM PITCHER RINSER SINK.
- 15. MAKE CONNECTION TO EXISTING VENT SYSTEM (MIN 2") IN PREMISES BY LANDLORD. VERIFY EXACT LOCATION, SIZE AND REQUIREMENTS ON SITE. LANDLORD TO EXTEND VENT LINE TO ABOVE ROOF AND MAINTAIN 10 FOOT CLEARANCES TO ANY AIR INTAKES.
- 16. 3/4" INDIRECT DRAIN FROM WATER EQUIPMENT TO MOP SINK. CONTRACTOR TO VERIFY EXACT REQUIREMENTS WITH EQUIPMENT SUPPLIER.
- 17. PROVIDE AND INSTALL GREASE TRAP RECESSED IN FLOOR AS SPECIFIED IN THE GREASE TRAP CALCULATION ON THIS SHEET. VERIFY EXACT LOCATION IN FIELD. PROVIDE WITH VENTED FLOW CONTROL.
- 18. CLOVER BREWER: ROUTE 1" FLEXIBLE DRAIN HOSE THROUGH COUNTER INTO A RIGID PIPE. ROUTE 1" RIGID PIPE INDIRECT DRAIN TO FLOOR SINK.
- 19. INDIRECT WASTE LINE: ROUTE CONCEALED AND INSTALL PER CODE WITH 2% SLOPE TO INDIRECT RECEPTOR (SEE DETAIL ON SHEET P-501). NOT ALL INDIRECT WASTE LINES ARE SHOWN BUT SHALL BE INSTALLED AS NEEDED.

GREASE TRAP CALCULATION

EQUIPMENT	DESCRIPTION	COMPT. SIZE	FLOW RATE REQUIRED
13264	3-COMP SINK	3(16"x19"x14") = 12,768 CU23(1.75)=	41.5
TOTAL GPM =			41.5 GPM
2 MIN. DRAIN TIME			20.75 GPM
TOTAL FLOW RATE SUPPLIED			25 GPM
TOTAL GREASE CAPACITY SUPPLIED			75 LBS

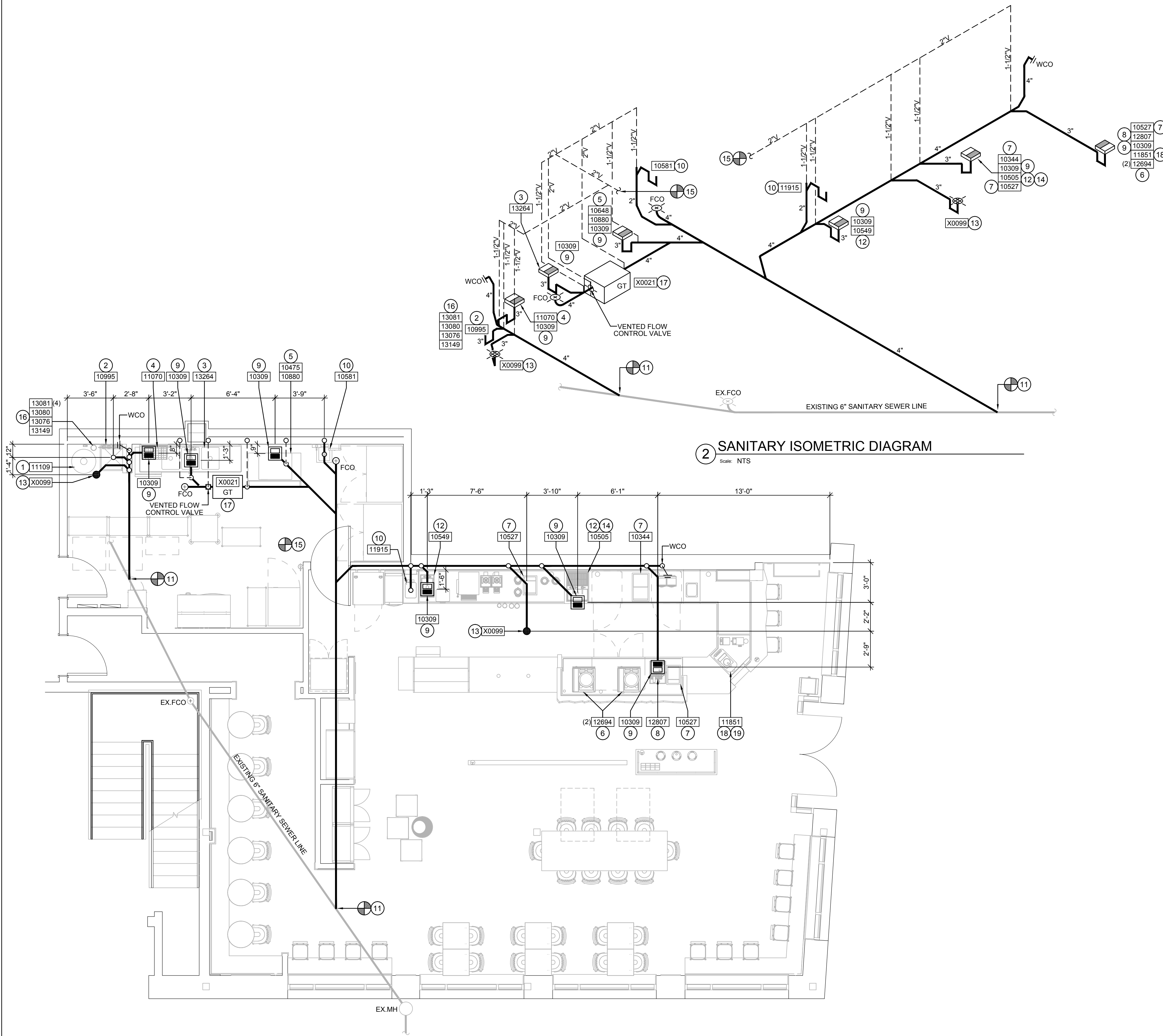
PROVIDE A SCHIER MODEL GB-25 FLUSH WITH FLOOR GREASE TRAP OR APPROVED EQUAL. VENT PER LOCAL CODE.

--ATTENTION, ACTION REQUIRED PRIOR TO INSTALLATION--

ADDITIONAL PLUMBING NEEDED: CHECK VALVE INSTALLED BETWEEN WATER HEATER & SOFTENER LOCATION. SOFT WATER LINE RUN TO WATER HEATER FROM SOFTENER LOCATION. SERVICE BYPASS FOR SOFTENER.

ADDITIONAL ELECTRICAL NEEDED: DUPLEX OUTLET.

18" DUNNAGE RACK FOR SOFTENER.



2 SANITARY ISOMETRIC DIAGRAM
 Scale: NTS

1 PLUMBING WASTE / DRAIN PLAN
 Scale: 1/4" = 1'-0"



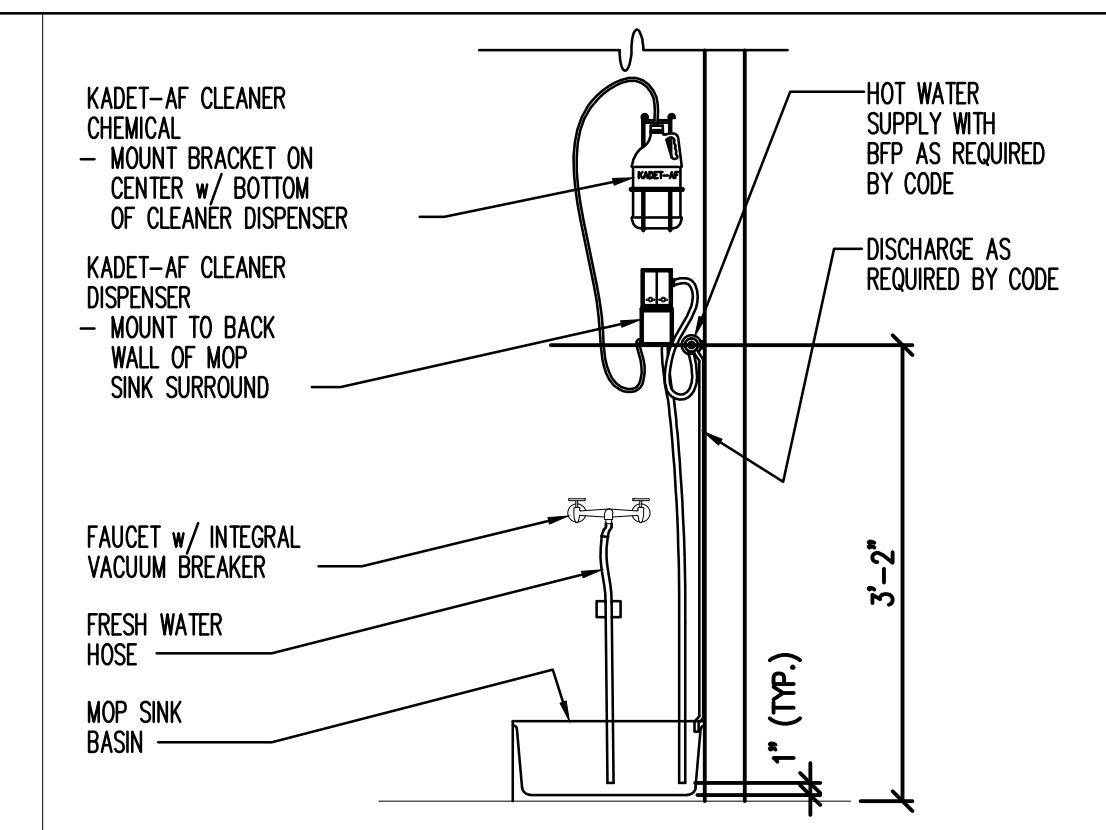


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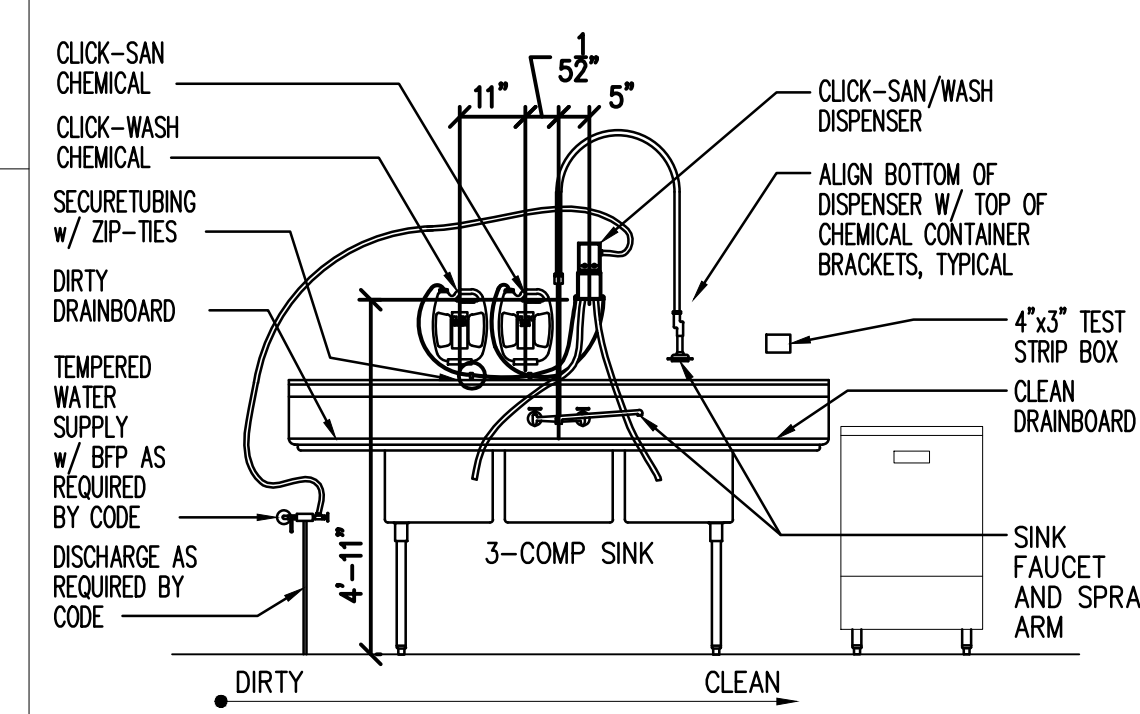
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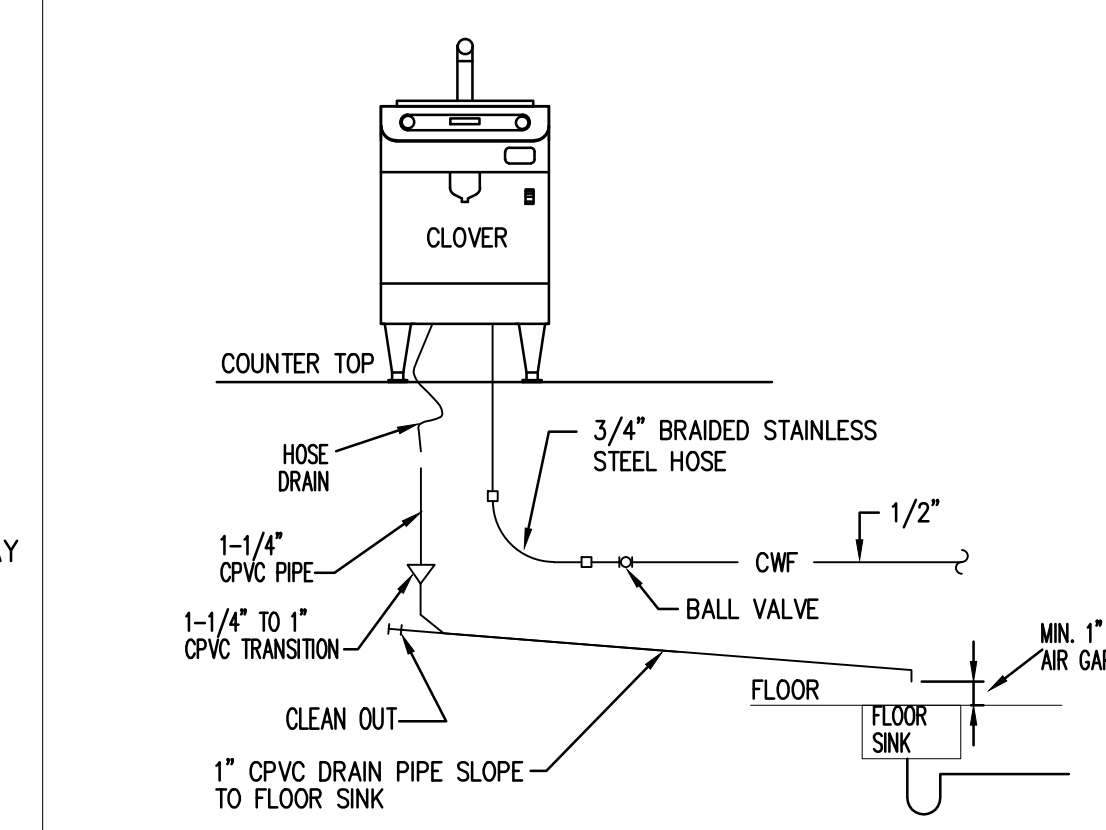
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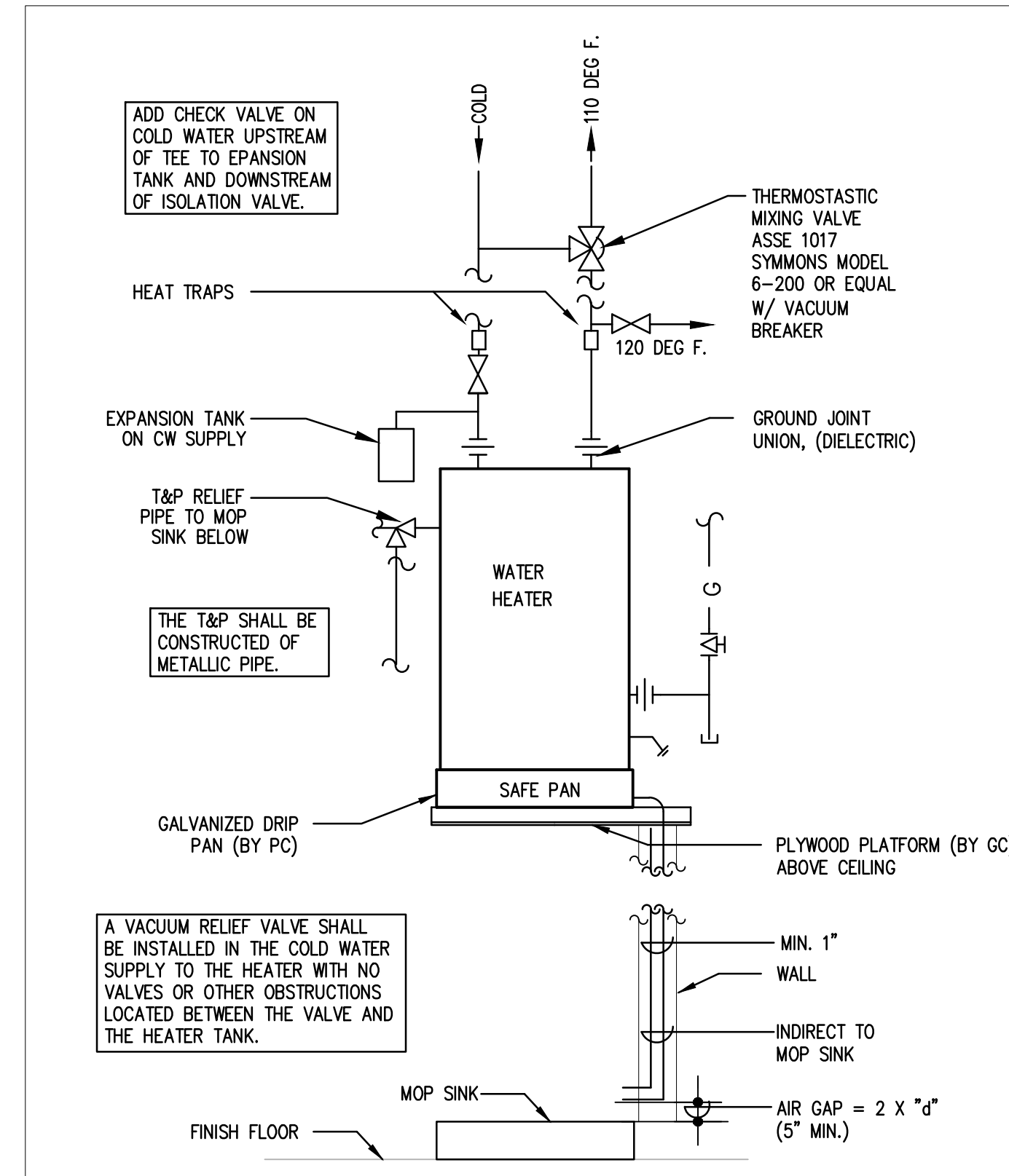
6 MO75 KADET MOUNTING
 N.T.S.



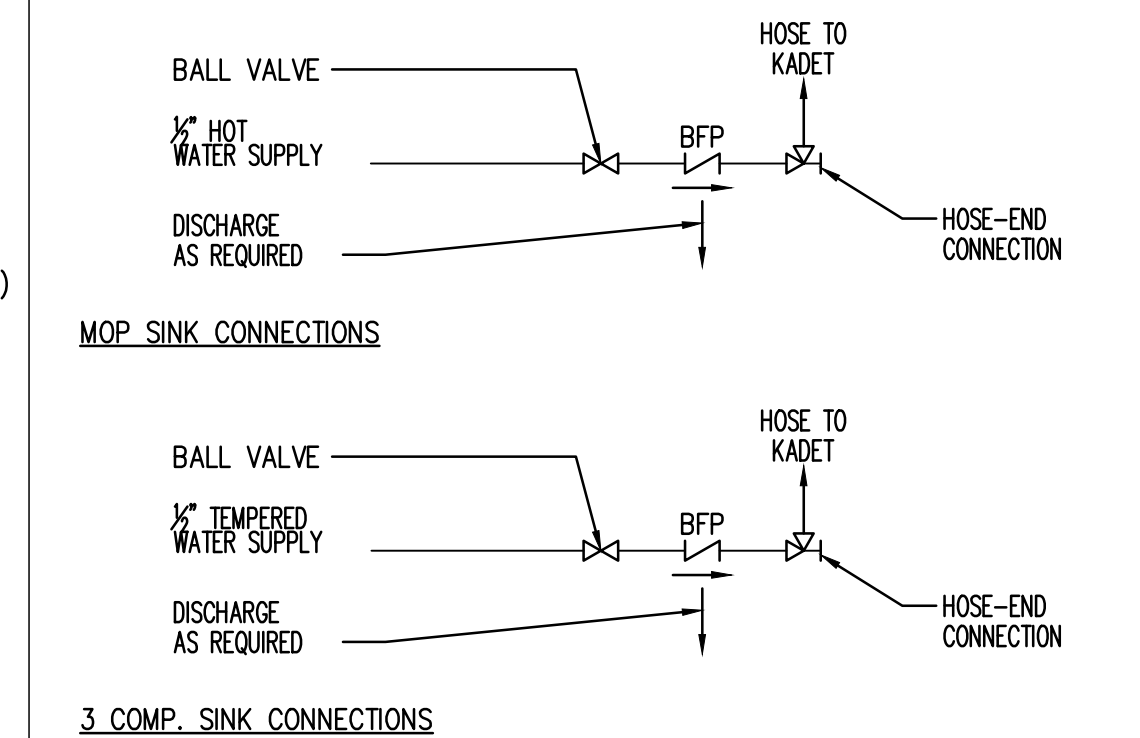
3 CLICK-SAN/WASH INSTALL
 N.T.S.



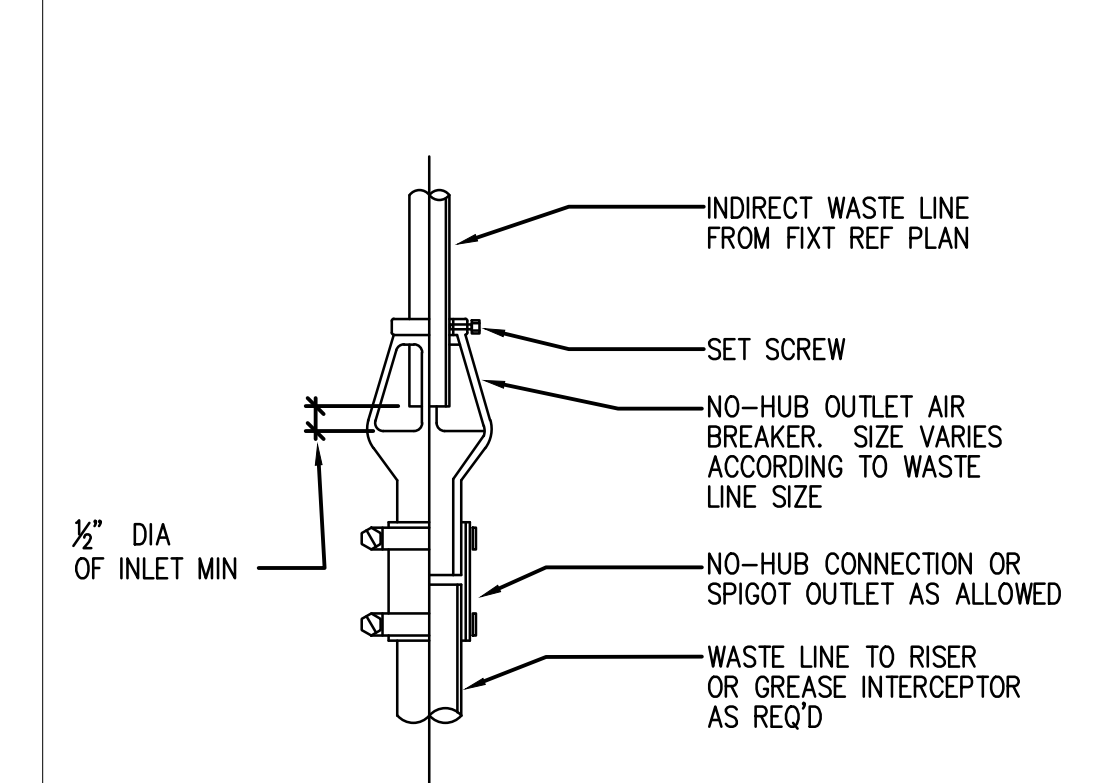
7 CLOVER PLUMBING CONN.
 N.T.S.



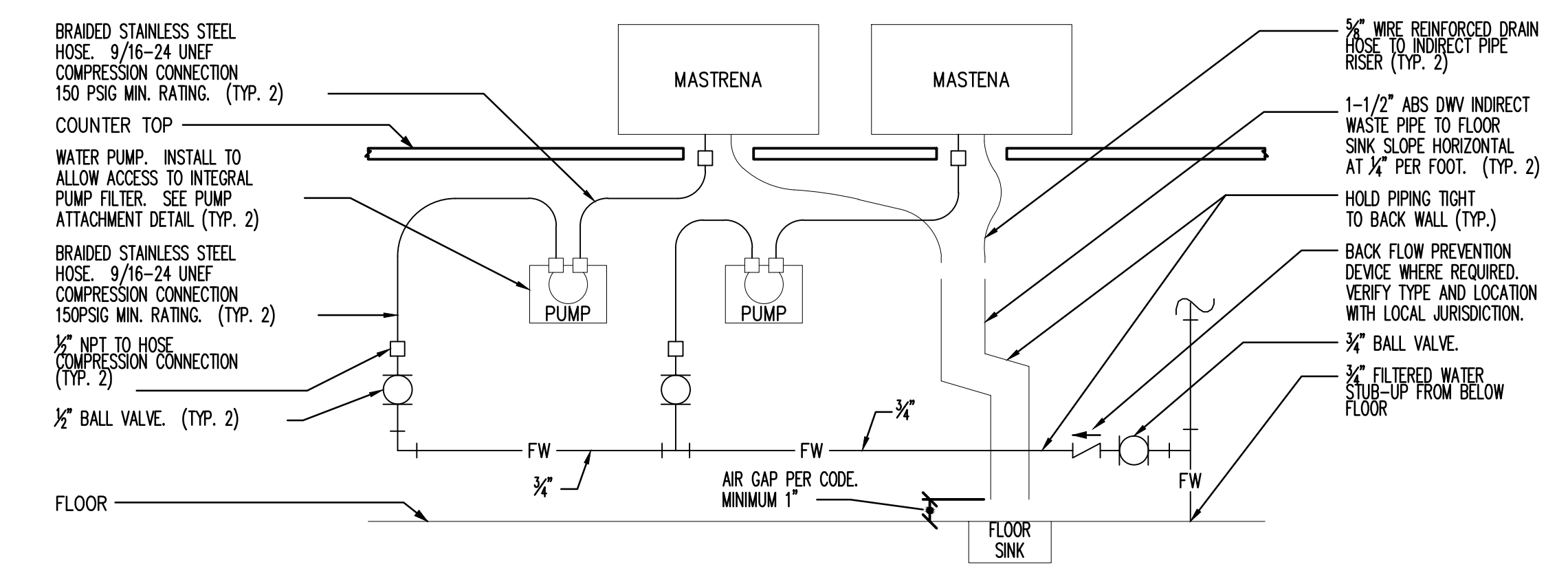
1 WATER HEATER DETAIL
 N.T.S.



4 CHEMICAL SANITIZER CONNECTION SCHEMATICS
 N.T.S.

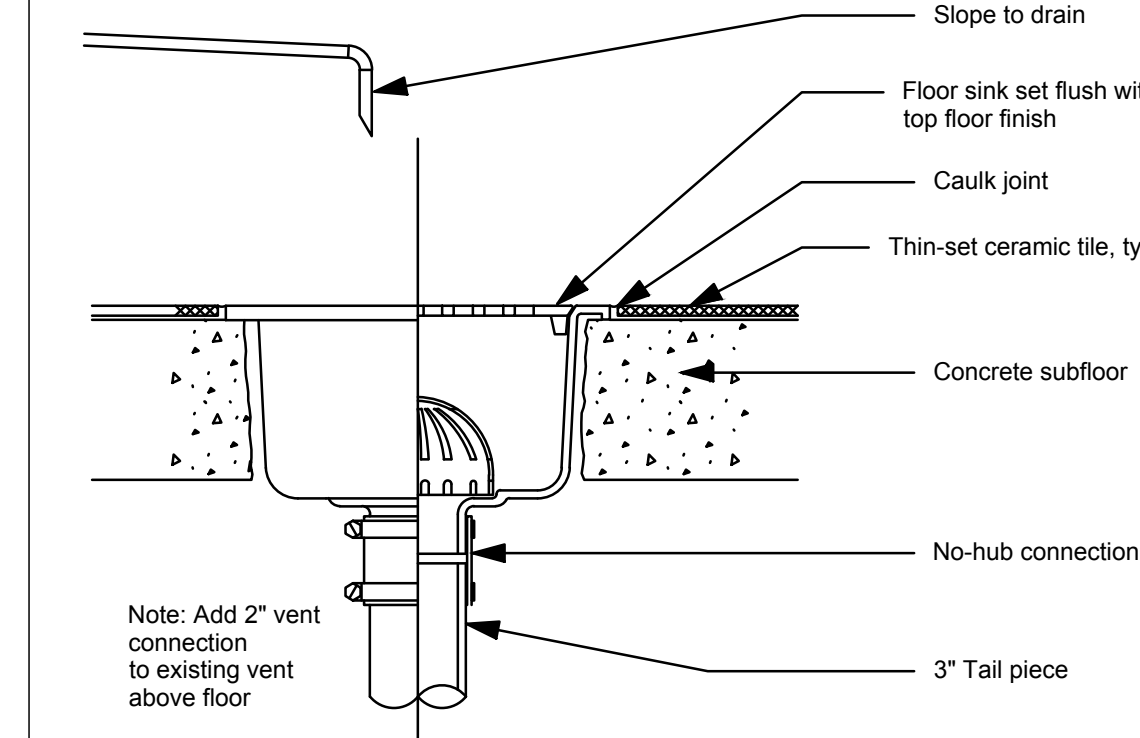


8 AIR BREAKER DETAIL
 N.T.S.

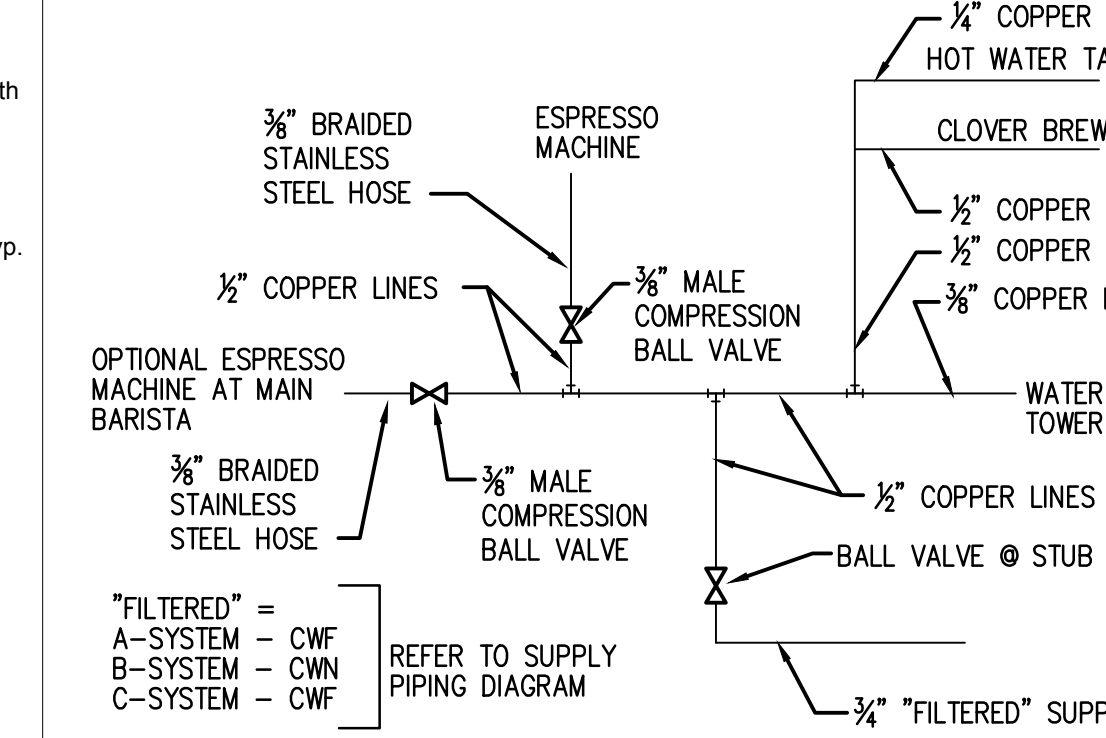


2 MASTRENA GENERAL PIPING CONNECTION SCHEMATIC DETAIL
 N.T.S.

- DETAIL NOTES**
- THIS DETAIL IS SCHEMATIC ONLY. FOR THE LOCATION OF THE COMPONENTS SHOWN, AND EXTENT OF THE WORK REQUIRED, SEE THE PLAN DRAWINGS.
 - ALL WATER HOSE SHALL BE THE MINIMUM LENGTH NEEDED AND SUPPORTED AS REQUIRED TO AVOID STRESSING CONNECTIONS AND COILING EXCESSIVE HOSE. ROUTE TO AVOID KINKING AND ALLOW SPACE FOR UNDER COUNTER REFRIGERATOR AND ACCESS TO EQUIPMENT AND VALVES.
 - ALL PIPING SHALL BE HELD TIGHT TO WALLS, SLOPED WHERE REQUIRED AND ROUTED TO ALLOW ACCESS TO EQUIPMENT AND VALVES.
 - ROUTE HORIZONTAL PIPING A MINIMUM OF 6" ABOVE FLOOR.
 - INSTALL PUMP AS SHOWN ON PLANS. COORDINATE LOCATION AND ELEVATION WITH OTHER TRADES. ORIENT PUMP AS REQUIRED TO ALLOW MAINTENANCE.



5 FLOOR SINK DETAIL
 N.T.S.



9 FRONTLINE BARISTA FILTERED WATER MANIFOLD SCHEMATIC
 N.T.S.

PROJECT NAME:
COMMERCIAL STREET
 PROJECT ADDRESS:
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 PORTLAND, ME 04101
 CUMBERLAND COUNTY**

STORE #: 19384
 PROJECT #: 58862-001
 CONCEPT: MCS
 PLATE: HERITAGE
 ISSUE DATE: JAN. 11, 2013
 DESIGN MANAGER: E. ZAKAMAREK
 LEED® AP:
 PRODUCTION DESIGNER: NORR ILLINOIS
 CHECKED BY: CLL / SMD

SHEET TITLE:
Plumbing Details
 SCALE: As Indicated
 SHEET NUMBER:
P-501

Abbreviations

AFF	Above Finished Floor
AHJ	Authorities Having Jurisdiction
APPROX	Approximate
BLDG	Building
CLG	Ceiling
CKT	Circuit
CONST	Construction
CW	Cold Water
CM	Starbucks Construction Manager
CXA	Commissioning Agent
DL	Lights within Daylight Zone
DEG	Degrees
DTL	Detail
DMG	Starbucks Design Manager
DN	Down
DWG(S)	Drawing(s)
EA	Each
EC	Electrical Contractor
ELEC	Electrical
EM	Emergency
(E) or (EX)	Existing
EXT	Exterior
EG	Exhaust Grille
F&I	Furnish & Install
FLR	Floor
FT	Foot/Foot
GC	General Contractor
GFCI	Ground Fault Circuit Interrupter
GND	Ground
HR	Hour
HVAC	Heating, Ventilation, Air Conditioning
HW	Hot Water
LL	Landlord
LV	Low Voltage
MAX	Maximum
MECH	Mechanical
MC	Mechanical Contractor
MDP	Main Distribution Panel
MEP	Mechanical, Electrical, and Plumbing
MFG	Manufacturer
MIN	Minimum
NL	Nightlight
NTS	Not to Scale
OCP	Overcurrent Protection
PM	Project Manager
REF	Reference
REQ(D)	Require(d)
REV	Revision
SHT	Sheet
SPECS	Specification(s)
SF	Square Feet
SST	Stainless Steel
TEL	Telephone
TEMP	Temporary
TYP	Typical
UNO	Unless Noted Otherwise
WH	Water Heater
WP	Weather Proof

General Specification Notes

Scope
The intent of the specification and the drawings is to provide a complete and fully operational electrical system. The Electrical Contractor shall furnish and install all labor, material, and equipment necessary to complete the electrical work.

Site Examination
The Electrical Contractor shall thoroughly examine all areas where equipment, conduit, and wiring will be installed and will report any condition that, in his opinion, prevents the proper installation of the electrical work.

Standards
Equipment and materials shall conform with appropriate provisions of CSA, UL, NEC, ASTM, UL, ETL, NEMA, ANSI, as applicable to each individual unit or assembly.

Codes
All work shall be performed in strict accordance with all applicable provincial and local codes and ordinances. In case of conflict between the drawings and specifications and the codes, the highest standard shall apply. Electrical Contractor shall satisfy code requirements as a minimum standard without any extra cost to Starbucks.

Permits and Fees
The Electrical Contractor shall procure and pay for all permits, fees, and inspections necessary to complete the Electrical work.

Warranty
The Electrical Contractor shall unconditionally warrant all work to be free of defects in material and workmanship for a period of one (1) year from the date of final acceptance by Starbucks and will repair or replace any defective work promptly and without charge and restore any other existing work damaged in the course of repairing defective materials and workmanship.

LEED
All work, materials and equipment shall meet LEED requirements & code. In case of conflict, the higher Standard shall apply.

Security System Notes

Starbucks contracts directly with Security Vendor to supply and install the security system. Contractor to schedule installation of security system for two (2) times;
1. Rough-in prior to drywall installation
2. Final trim prior to store turnover

Security Vendor requires a minimum two (2) weeks lead time for each installation. Security Vendor will coordinate regional installers. All additional expenses incurred due to the Contractor's failure to schedule accordingly will be the responsibility of the Contractor.

Telephone System Notes

General Contractor shall contact Starbucks prior to beginning construction to order telephone lines. Report any telephone installation issues immediately to Starbucks.

Confirm prior to beginning construction that Landlord has furnished and installed one (1) 2" (51mm) conduit including pull string from the telephone point of presence to the Starbucks data rack. Notify Starbucks Construction Manager immediately if conduit and pull string are not installed.

All telephone/network cabling is the scope of work of the Telephone/Network Cabling Vendor and the Security System Vendor. The Telephone/Network Cabling Vendor shall be scheduled such that cabling is complete prior to arrival of Security System Vendor.

General Contractor shall schedule on-site work performed by the Telephone/Network Cabling Vendor and the Security System Vendor. The Telephone/Network Cabling Vendor shall be scheduled such that cabling is complete prior to arrival of the Security System Vendor.

General Electrical Notes

1. The Electrical Contractor shall coordinate electrical work with other trades. The architectural drawings shall take precedence over all other drawings. Do not scale distances off the electrical drawings; use actual building dimensions.

2. All electrical systems shall be tested for proper operation. Balance all branch circuit loads between the phases of the system within 10% of the highest phase load in each panel board.

3. The Electrical Contractor shall be responsible for de-energizing circuits in demolition areas to insure a safe condition. Electrical devices and associated wiring located within the demolition area that will no longer be used shall be removed and properly disposed of at Contractors expense unless otherwise noted.

4. The Electrical Contractor shall schedule all electrical system outages with the General Contractor and Landlord at least 24 hours in advance. Unless approved otherwise all outages shall occur between 11:00pm and 5:00am.

5. Electrical Contractor shall furnish and install all necessary conduit and J-boxes to support a complete security, phone, POS and data systems. See Manager Workstation and Bar Point of Sale (POS) Power/Telecom/Security Diagram. Coordinate all device locations and mounting heights with security vendor prior to rough-in. Provide end-to-end pull strings in all conduits. Label each end of the pull string with conduit system ("Security") and destination ("Cafe", "Front bar", etc.). Provide insulated bushings on all stubbed-up and exposed conduit ends.

6. Electrical Contractor shall coordinate with the General Contractor to patch and repair all existing walls, floors, ceilings or other surfaces identified to remain that may become damaged during the course of work.

7. Exposed/surface mounted conduits shall only be allowed where necessary in exposed ceiling areas. If conduits need to be surface mounted to walls, coordinate with Starbucks Construction Manager for approval.

8. Verify location of all outlets and switches with architectural drawings, interior details, finish schedules, General Contractor, equipment vendors, Starbucks and existing site conditions. Verify final door hinge location prior to switch installation and adjust switch location if needed. Do not mount receptacles/switches in locations that would conflict with mirrors, seams of walls, wainscots, tile transitions, etc.

POS \ Data Line Notes

Data cable referenced in this section is separate from the telephone and T-1 circuits

Starbucks contracts directly with the Data Cabling Vendor to supply and install Category 5 (CAT5) LAN cable and connectors for the Point of Sale (POS) system. Contractor to schedule installation of data cabling with Data Cabling Vendor. Data Cabling Vendor requires a lead time for installation. Data Cabling Vendor will coordinate regional installers. All additional expenses incurred due to the Contractor's failure to schedule accordingly will be the responsibility of the Contractor.

At the start of construction, Starbucks Construction Manager schedules delivery of cash register/manager's workstation equipment and installation by a Data Cabling Technician for two (2) day's prior to construction end. Contractor to verify delivery schedule two (2) weeks prior to delivery and installation date. Equipment is shipped directly to the store. Contractor to accept POS Equipment delivery. Do not refuse delivery.

Data Cabling Technician to provide all Category 5 LAN cabling and connectors to all designed and future cash register locations, and manager's workstation.

Starbucks New Store Group is responsible for coordinating Starbucks POS system delivery and installation with the Data Cabling Vendor. This group may be contacted at: newsstore@starbucks.com

Music System Notes

Provide and install a complete wiring system for all speakers. Connect all speakers to the owner provided music system. Mount owner furnished speakers where shown and in coordination with architectural plans and details. Follow manufacturer's installation requirements.

Hotspot or Wi-Fi Network Notes

All cabling and infrastructure to support the T-1 Hotspot or Wi-Fi network shall be furnished and installed by the vendor. Coordinate with Starbucks.

Communication System Notes

Starbucks contracts directly with the Landlord to provide four (4) CAT5 (white) communication cables to the space. Four (4) CAT5 cables are dedicated to Store Operations/Communications.

Electrical Symbol Legend

	Junction Box		Data Outlet
	Switch		Receptacle: 110 Duplex
	Three-Way Switch		Receptacle: 110 Dedicated
	Motion (Occupancy) Sensor Switch		Receptacle: 110 Quad
	Switch Bank See detail on E-113		Receptacle: 208V or 220V
	Telephone		Grounding Electrode Connection
	Thermostat		Nightlighting 24hr/Day
	Thermostat Sensor		Photoelectric Cell
	Dimmer Switch		
	Hash marks indicate number of wires. #12 AWG Wire unless otherwise noted. Two wires plus ground if no hash marks shown. Long hash mark denotes neutral. Ground Wire not shown.		

LEED System Commissioning

Contractor Responsibilities for Building Commissioning

Contractor shall provide support and work as specified, needed and required to conduct and facilitate Starbucks staff building commissioning efforts. This work will be comprised of three distinct efforts: 1) support Starbucks commissioning agent (CXA) during installation verification and correct disclosed deficiencies; 2) perform testing, adjusting, balancing and system startup and support functional performance testing by Starbucks CXA; 3) correct deficiencies disclosed by functional performance testing and submit reports. Contractor shall perform and provide the following:

A. Systems subject to commissioning may include, but are not limited to, domestic hot water generation, HVAC systems, rooftop units, exhaust fans, HVAC controls, lighting controls, air curtains, built-in refrigeration equipment, and renewable energy systems.

B. Contractor shall include commissioning activities in project schedule and show intervals for performance of work for which contractor is responsible and intervals for work performed by Starbucks CXA. Contractor shall show resources for performing all work related to commissioning activities on a line item in the schedule of values.

C. Contractor shall install equipment in accordance with the manufacturer's requirements and all contract documents. Ensure that all equipment is installed totally complete, and accessible to Starbucks CXA for installation verification and functional performance testing prior to the scheduled start of installation verification.

D. Installation verification shall be performed by Starbucks CXA. Contractor shall support Starbucks CXA installation verification efforts as necessary. Provide all access and equipment necessary for Starbucks staff to verify that the equipment is installed correctly.

E. Contractor shall be readily available during installation verification to correct any deficiencies or defects disclosed by the installation verification process. Corrections shall be made in a timely manner without disruption of the construction schedule.

F. All HVAC, exhaust fan, and air curtain equipment shall be tested, adjusted and balanced by the contractor's testing, adjusting and balance agent (see testing adjusting and balancing) after the system is verified to be complete and correct by Starbucks CXA, in accordance with the requirements of these documents. All HVAC control systems shall be tested to ensure that control devices, components, equipment and systems are calibrated, adjusted and operate in accordance with these plans and specifications. Sequences of operation shall be tested to ensure that they operate in accordance with the contract requirements. Deliverables: preliminary, written testing and air balance report conforming to the requirements specified herein, documenting the information specified, etc. to the Starbucks CXA immediately upon completion of the work.

G. Contractor shall inform Starbucks CXA when equipment is ready for functional performance testing. All equipment shall be ready for functional performance testing prior to starting testing. Contractor shall operate equipment for Starbucks CXA and verify by demonstration the correct operation of equipment, response of sensors, and proper execution of HVAC control and lighting sequences; including but not limited to, air movement, temperature, sound, and control response. Provide any security access, hardware, software, or other support as needed for the Starbucks CXA to efficiently witness and document all equipment testing. Starbucks CXA will record the equipment operation and response to testing sequences and prepare a list of any deficiencies disclosed by the functional performance tests for correction by the contractor. Equipment includes, but is not limited to, air handling units, rooftop and split type, condensing units, exhaust fans, lighting controls, etc. Deliverables: provide completed copies of all start up reports, filled out on the manufacturers' forms, to the Starbucks CXA.

H. Contractor is responsible for correcting any issues or deficiencies disclosed during the functional performance testing process. Corrections should be made in a timely manner without disruption to the system and construction schedule.

J. Contractor shall be readily available for any re-testing of equipment deemed necessary by Starbucks CXA during installation verification and functional performance testing. Contractor is responsible for correcting any issues or deficiencies found in the system during any and all re-testing. Corrections should be made in a timely manner without disruption to the system and construction schedule. Deliverables: final balance report, deficiencies list noting corrective actions performed by contractor in response to installation verification and functional performance test results.

K. Construction and post construction testing; additional testing may be required by LEED and other processes that may occur out of sequence with commissioning service. Contractor shall conduct, document, support and schedule this testing as directed by Starbucks CXA.



STARBUCKS COFFEE COMPANY
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

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ARCHITECT OF RECORD

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Mechanical • Electrical • Plumbing

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Phone (314) 774-0823
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PROJECT NAME:
COMMERCIAL STREET

PROJECT ADDRESS:
145 COMMERCIAL STREET

PORTLAND, ME 04101

CUMBERLAND COUNTY

STORE #: 19384

PROJECT #: 58862-001

CONCEPT: MCS

PALETTE: HERITAGE

ISSUE DATE: JAN. 11, 2013

DESIGN MANAGER: E. ZAKAMAREK

LEED® AP:

PRODUCTION DESIGNER: NORR ILLINOIS

CHECKED BY: JAK / CJS

SHEET TITLE:

Electrical Specifications

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

SHEET NUMBER:

E-001

LIGHTING FIXTURE SCHEDULE - "L"					
DESIGN ID	COUNT	DESCRIPTION	RESP.	BULB	COMMENTS
EXIT					
11419	2	EMERGENCY LIGHT DOUBLE - BLACK	VD	BODINE BALLAST TYPE LED	PROVIDED BY GEXPRO.
11611	5	EMERGENCY EXIT LIGHT - WHITE	VD	BODINE BALLAST TYPE LED	PROVIDED BY GEXPRO.
PENDANT					
12348	4	PENDANT - SMALL METAL MESH CYLINDER - BLACKENED STEEL M10019	VD	(1) 12894 - Incand. T9 Edison 30-35w	PROVIDED BY GEXPRO.
X0050	1	PENDANT - CUSTOM	GC	(16) LED CHANDELIER BULB	RESTORATION HARDWARE. ROPE FILAMENT RECTANGLE CHANDELIER SMALL. ITEM#: 68060389 NATL. BULB MANUFACTURER: BULBRITE. CHANDELIER LITE MEDIUM (E26) BASE. ITEM#: 770411. ORDERING CODE: LED2ETCE.
RECESSED CAN					
12861	41	CAN - ADJUSTABLE RECESSED HOUSING - 4IN 100MM - NEW CEILING	VD	(1) 12906 - LED PAR 20	PROVIDED BY GEXPRO.
STRIP					
12552	14	TASK LIGHT INTEGRATED LED - 22IN 560MM - BLACK	VD	LED	JUMPER CORD REQUIRED WHEN CONNECTING MULTIPLE UNITS - QTY: 13
TRACK					
11427	33	TRACK - FIXTURE ENCLOSED - 5IN 125MM - WHITE	VD	(1) 12903 - LED PAR 30S	PROVIDED BY GEXPRO.
11521	18	TRACK - FIXTURE ENCLOSED - 5IN 125MM - BLACK	VD	(1) 12903 - LED PAR 30S	PROVIDED BY GEXPRO.
12934	1	TRACK - WITH CONNECTORS - 4FT 122CM - WHITE	VD	N/A	PROVIDED BY GEXPRO.
12935	1	TRACK - WITH CONNECTORS - 8FT 244CM - WHITE	VD	N/A	PROVIDED BY GEXPRO.
12944	1	TRACK - WITH CONNECTORS - 16FT 488CM - WHITE	VD	N/A	PROVIDED BY GEXPRO.
12945	2	TRACK - WITH CONNECTORS - 12FT 365CM - WHITE	VD	N/A	PROVIDED BY GEXPRO.
12946	5	TRACK - WITH CONNECTORS - 4FT 122CM - BLACK	VD	N/A	PROVIDED BY GEXPRO.
12949	1	TRACK - WITH CONNECTORS - 12FT 365CM - BLACK	VD	N/A	PROVIDED BY GEXPRO.
TROFFER					
11404	5	TROFFER - RECESSED - 48X24IN 1220X610MM - WHITE	VD	(3) 12890 - FL T8	PROVIDED BY GEXPRO.

SIGNAGE SCHEDULE - "S"					
DESIGN ID	COUNT	DESCRIPTION	RESP.	BULB	COMMENTS
SIGNAGE - DISK					
13157	2	SIGN - DISK DF ILLUMINATED SUSPENDED EVOLVED - 24IN 610MM	VD	LED	BY LOCAL SIGNAGE VENDOR.
13159	1	SIGN - DISK BLADE DF ILLUMINATED WITH BRACKET WALL MOUNTED EVOLVED - 24IN 610MM	VD	LED	BY LOCAL SIGNAGE VENDOR.

SPECIALTY EQUIPMENT SCHEDULE - "E"					
DESIGN ID	COUNT	DESCRIPTION	RESP.	COMMENTS	
COOLING					
10110	1	FRIDGE REACH IN 1 DOOR RH - 29IN 735MM	WH	ENERGY STAR COMPLIANT	
10267	2	FRIDGE UNDERCOUNTER 1 DOOR - 27IN 685MM	WH	ENERGY STAR COMPLIANT	
10473	1	FRIDGE UNDERCOUNTER 2 DOOR - 48IN 1220MM	WH	ENERGY STAR COMPLIANT	
10967	1	FREEZER REACH IN 2 DOOR - 51IN 1295MM	WH	ENERGY STAR COMPLIANT	
11083	1	FRIDGE REACH IN 2 DOOR - 51X35IN 1295X890MM	WH	ENERGY STAR COMPLIANT	
12480	1	FRIDGE 1 DOOR WITH COUNTERTOP - 29IN 735MM - SST	VD	DELFIELD. ENERGY STAR COMPLIANT	
EQUIPMENT					
10312	2	BREWER SINGLE SOFT HEAT WARMING STAND	WH		
10724	1	GRINDER GRINDMASTER	VD		
10746	1	BREWER DUAL SOFT HEAT	WH		
11070	1	DISHWASHER SANITIZER	WH	ENERGY STAR COMPLIANT	
11851	1	BREWER CLOVER	VD		
12407	1	OVEN TURBOCHEF NEXT GENERATION	VD	TURBOCHEF	
12508	2	BLENDER QUIET MODEL ON COUNTER	VD	VITAMIX	
12631	1	GRINDER DITTING KR804	VD	DITTING	
12694	2	ESPRESSO MACHINE MASTRENA	WH		
FOOD CASE					
12394	1	FOOD CASE - UPRIGHT - 46IN 1170MM - BLACK	VD	STRUCTURAL CONCEPTS	
X0015	1	FOOD CASE - HARMONY AMBIENT - 51IN	VD	STRUCTURAL CONCEPTS. HARMONY NON-REFRIGERATED SERVICE CASE. MODEL#: HMG5153.5023.	
ICE					
10475	1	ICE - MACHINE 1109LB AIR COOLED SIDE VENT	VD	MILE HIGH	
OTHER					
10314	1	SCALE DIGITAL WITH ADJUSTABLE DISPLAY MOUNT	WH		
11823	1	SCALE DIGITAL	WH		

DATA DEVICE SCHEDULE - "A"					
DESIGN ID	COUNT	DESCRIPTION	RESP.	COMMENTS	
AUDIO VISUAL					
10005	1	MUSIC SYSTEM	WH		
10076	1	AMPLIFIER - 14IN 355MM	WH		
DATA					
10000	1	PHONE 1 LINE	WH		
10001	1	PHONE 2 LINE	WH		
10002	1	COMPUTER MANAGER WORKSTATION	WH	ENERGY STAR COMPLIANT	
10007	1	PRINTER MANAGER WORKSTATION	WH	ENERGY STAR COMPLIANT	
10019	1	WIDE AREA NETWORK HARDWARE	WH		
POINT OF SALE					
10008	2	REGISTER COMPACT	VD		
10014	2	POS PRINTER	VD		
10022	1	MONEY COUNTER	VD		
SECURITY					
10004	1	ALARM SYSTEM	VD		
10024	1	SAFE LH - 20X18X26IN 510X455X660MM	VD		

PLUMBING FIXTURE SCHEDULE - "P"					
DESIGN ID	COUNT	DESCRIPTION	RESP.	COMMENTS	
FAUCET					
10874	1	FAUCET - HOT WATER DISPENSER GOOSENECK	WH		
OTHER					
11109	1	WATER HEATER 50GAL 190L ELECTRIC	GC	ENGINEERS TO PROVIDE SPEC	

PANEL M										200A 30P	
CKT. NO.	BRKR. SIZE	SERVICE	LOAD (VA)	PHASE	LOAD (VA)	SERVICE	BRKR. SIZE	CKT. NO.	BRKR. SIZE	NO.	
1	#		3355	A	-					2	
3	#	HP-1-3 (EX)	3355	B	-					4	
5	#		3355	C	-					6	
7	#		3410	A	-					8	
9	#	HP-1-4 (EX)	3410	B	-					10	
11	#		3410	C	-					12	
13	#		4000	A	-					14	
15	#	WATER HEATER	4000	B	-					16	
17	#		4000	C	-					18	
19	#	SPARE	-	A	-					20	
21	#	SPARE	-	B	-					22	
23	#	SPARE	-	C	-					24	
25	#		26320	A	-					26	
27	#	75 KVA TRANSFORMER	26450	B	-					28	
29	#		21380	C	-					30	
CONNECTED LOAD A:			39055 VA		108445 VA	TOTAL LOAD			130.4		
CONNECTED LOAD B:			37215 VA		82379 VA	DEMAND LOAD			99.1		
CONNECTED LOAD C:			32145 VA								

* - GFI - FURNISH AND INSTALL GFI BREAKERS AND DEDICATED NEUTRALS FOR THESE CIRCUITS TO PREVENT FALSE TRIPPING. EQUIPMENT AIC RATINGS SHALL EXCEED THE AVAILABLE FAULT CURRENT. CONTRACTOR SHALL VERIFY AVAILABLE FAULT CURRENT WITH UTILITY PRIOR TO CONSTRUCTION. SYSTEM SHALL BE SERIES RATED IF NECESSARY TO LIMIT SHORT CIRCUIT CURRENT TO BELOW 22,000 AIC (FOR GFI BREAKERS). COORDINATE WITH LANDLORD.

- LANDLORD E.C. SHALL EXTEND CIRCUITRY FROM EXISTING WSHPS TO NEW PANEL AS REQUIRED.

PANEL B										125A 24P	
CKT. NO.	BRKR. SIZE	SERVICE	LOAD (VA)	PHASE	LOAD (VA)	SERVICE	BRKR. SIZE	CKT. NO.	BRKR. SIZE	NO.	
1	201	CONVENIENCE RECEPTACLES	120	A	120	DINING/ACCENT LIGHTING	201	2			
2	201	CONVENIENCE RECEPTACLES	1080	B	720	TRACK LIGHTING	201	4			
3	201	SPARE	-	C	130	BAR/SOFFIT LIGHTING	201	6			
4	201	SPARE	-	A	400	MARKROOM LIGHTING	201	8			
5	201	SPARE	-	B	85	UNDERCOUNTER LED LIGHTING	201	10			
6	201	SPARE	-	C	600	DISPLAY HIGH LIGHTING	201	12			
7	201	SPARE	-	A	285	DAYLIGHT ZONE LIGHTING	201	14			
8	201	SPARE	-	B	285	TIME CLOCK	201	16			
9	201	SPARE	-	C	500	STORE SIGN	201	18			
10	201	SPARE	-	A	1200	STORE SIGN	201	20			
11	201	SPARE	-	B	1200	STORE SIGN	201	22			
12	201	SPARE	-	C	1200	STORE SIGN	201	24			
CONNECTED LOAD A:			2580 VA		8780 VA	TOTAL LOAD			24.4		
CONNECTED LOAD B:			3370 VA		8780 VA	DEMAND LOAD			24.4		
CONNECTED LOAD C:			2430 VA								

PANEL A										225A 42P	
CKT. NO.	BRKR. SIZE	SERVICE	LOAD (VA)	PHASE	LOAD (VA)	SERVICE	BRKR. SIZE	CKT. NO.	BRKR. SIZE	NO.	
1	502	DISHWASHER	4160	A	1300	INSTA-HOT TAP	201	2			
3	502		4160	B	1800	REACH-IN FREEZER	201	4			
5	402	ESPRESSO MACHINE	3100	C	1440	REACH-IN REFRIGERATOR	201	6			
7	502		3100	A	1440	REACH-IN REFRIGERATOR	201	8			
9	402	ESPRESSO MACHINE	3100	B	1800	BLENDER	201	10			
11	502	DISHWASHER	4160	C	1800	BLENDER	201	12			
13	502	DISHWASHER	4160	A	1560	CLOVER SCALE GRINDER	201	14			
15	502	DISHWASHER	4160	B	1560	SCALE GRINDER	201	16			
17	302	WARMING OVEN	3120	C	600	POS	201	18			
19	302	WARMING OVEN	3120	A	800	POS	201	20			
21	202	FOOD CASE	1510	B	200	WATER FILTRATION SYSTEM	201	22			
23	202	FOOD CASE	1510	C	270	COFFEE WARMERS	201	24			
25	202	FOOD CASE	1510	A	1680	UNDERCOUNTER REFRIGERATORS	201	26			
27	202	FOOD CASE	1510	B	1440	UNDERCOUNTER REFRIGERATORS	201	28			
29	252	CLOVER BREWER	1810	C	360	ALARM SYSTEM	201	30			
31	252	CLOVER BREWER	1810	A	300	COMPUTER MANAGER WORKSTATION	201	32			
33	202	ICE MACHINE	1480	B	360	MUSIC SYSTEM	201	34			
35	202	ICE MACHINE	1480	C	360	SAFE	201	36			
37	603	PANEL B	2990	A	-	SPARE	201	38			
39	603	PANEL B	3370	B	-	SPARE	201	40			
41	603	PANEL B	2430	C	-	SPARE	201	42			
CONNECTED LOAD A:			28320 VA		76150 VA	TOTAL LOAD			211.4		
CONNECTED LOAD B:			26450 VA		53684 VA	DEMAND LOAD			149.0		
CONNECTED LOAD C:			21380 VA								

Electrical Design Notes

- Refer to Architectural detail sheets for exact locations and mounting heights of electrical devices.
- The Electrical Contractor shall be responsible for confirming all voltage requirements on all equipment and providing back-up transformers as may be needed for code. All are not necessarily indicated.
- Electrical Contractor shall coordinate with Plumbing and Heating, Ventilating, and Air Conditioning (HVAC) Contractors for any additional equipment needing power.
- All future equipment needed herein shall be provided with an appropriate receptacle and fully wired. Even if not specifically indicated.
- Ground fault circuit interrupter (GFCI) breakers (not receptacles) shall be utilized where required by code and at any floor boxes. Provide dedicated neutral wire for all these circuits.
- Equipment requires connection to the building electrical system. Furnish and install all necessary conduct, wire, connections, receptacles and overcurrent protection necessary to ensure the equipment functions properly and complies with all applicable local and national codes. Coordinate equipment requirements with manufacturer cut sheet prior to rough-in.
- All back bar and front bar J-boxes and outlets shall be surface mounted. Provide conduits as needed and one (1) additional spare conduit between all J-boxes for future electrical requirements. All J-boxes shall be positioned to avoid obstruction of any equipment such as refrigerators and dishwashers.

Sheet Notes

- PROVIDE ELECTRICAL CONNECTION TO WATER HEATER. CONFIRM ELECTRICAL REQUIREMENTS PRIOR TO ROUGH-IN.
- RETAIL GRINDER AND SCALE. PROVIDE RECEPTACLE @ 26" AFF.
- TWIN BREWER: PROVIDE RECEPTACLE @ 26" AFF.
- ESPRESSO MACHINE: FURNISH AND INSTALL HEAVY DUTY RECEPTACLE AT 30" AFF. FURNISH AND INSTALL HEAVY DUTY ANGLED PLUG.
- UNDER COUNTER REFRIGERATOR: PROVIDE RECEPTACLE @ 26" AFF.
- REFRIGERATOR AND/OR FREEZER: PROVIDE RECEPTACLE AS SHOWN AT 84" AFF.
- ICE MACHINE: CONFIRM VOLTAGE CONFIGURATION PRIOR TO ROUGH-IN WITH EQUIPMENT PROVIDED. FURNISH AND INSTALL ALL NECESSARY CONDUIT, WIRE CONNECTIONS AND BREAKERS TO SUPPORT ICE MACHINE.
- FOOD CASE: PROVIDE ELECTRICAL CONNECTION FOR REFRIGERATION AND LIGHTING.
- DISHWASHER (HIGH TEMP.): PROVIDE HEAVY DUTY RECEPTACLE. ROUTE 3/4" CONDUIT WITH (3) #6, #10 GROUND TO PANEL. PROVIDE HEAVY DUTY ANGLED PLUG AND CORD TO DISHWASHER.
- COFFEE WARMERS: PROVIDE AND INSTALL RECEPTACLE @ 26" AFF.
- INSTA-HOT: PROVIDE RECEPTACLE AT 26" AFF.
- BLENDERS: PROVIDE A DUPLEX RECEPTACLE AT 26" AFF ON A DEDICATED CIRCUIT FOR EACH BLENDER.
- ESPRESSO MACHINES: CIRCUIT VOLTAGE SHALL BE BETWEEN 198 VOLTS AND 218 VOLTS. IF NEEDED, THE CONTRACTOR SHALL PROVIDE A SQUARE-D BUCK-BOOST TRANSFORMER TO BE LOCATED IN AN ACCESSIBLE LOCATION WITHIN 6'-0" OF THE ELECTRICAL PANEL. CONFIRM LOCATION WITH PROJECT MANAGER PRIOR TO ROUGH-IN. PROVIDE ANY ADDITIONAL CONDUIT, WIRE, PRIMARY AND SECONDARY PROTECTION, AND CONNECTIONS NECESSARY TO INSURE A FUNCTIONAL SYSTEM.
- SAFE: PROVIDE RECEPTACLE ON DEDICATED CIRCUIT. ADJACENT TO RECEPTACLE, PROVIDE J-BOX FOR SAFE AND ROUTE CONDUIT BACK TO SECURITY PANEL J-BOX. SEE ALSO MANAGER WORKSTATION & BAR POS POWER / TELECOM / SECURITY ELEVATION.
- SAFE: FURNISH AND INSTALL DOUBLE DUPLEX ISOLATED-GROUNDING TYPE RECEPTACLE AT 18" AFF. INCLUDING GREEN GROUNDING WIRE AND ISOLATED GROUNDING WIRE BACK TO SERVING POWER PANEL PER CODE. FURNISH AND INSTALL (1) J-BOX FOR DATA OUTLET AND (1) J-BOX FOR PHONE OUTLET AT 18" AFF.
- STUB UP POWER, DATA, AND PHONE CONDUITS 6" AFF IN THIS LOCATION. ROUTE POWER CONDUCTORS IN FLEXIBLE METAL CONDUIT TIGHT TO WALL FROM RECEPTACLES TO NEARBY RIGID STUB-UP AND BACK TO SERVING POWER PANEL. ROUTE DATA AND PHONE CONDUITS UNDERFLOOR BACK TO DATA RACK NEAR MANAGERS WORKSTATION. LABEL DATA AND PHONE CONDUITS "FOR DATA CABLING". PROVIDE INSULATED BUSHINGS, AND PROVIDE PULL STRING FROM END TO END. LABEL SECURITY CONDUIT "FOR SECURITY" AND PROVIDE PULL STRING FROM END TO END.
- FURNISH AND INSTALL NEMA 6-30R RECEPTACLES AT 28" AFF TO SUPPORT WARMING OVENS.
- PROVIDE DATA CONNECTION AS REQUIRED FOR WARMING OVEN. WORK SHALL INCLUDE ROUGH-IN AND CONDUIT WITH CAT5 CABLE FROM EQUIPMENT TO DATA RACK. COORDINATE LOCATION AND CONNECTION REQUIREMENTS WITH STARBUCKS PROJECT MANAGER IN FIELD.
- MANAGER'S WORKSTATION: PROVIDE LAN/POS/ELECTRICAL DEVICES. SEE DETAILS ON ARCHITECTURAL SHEETS FOR LOCATIONS AND EQUIPMENT. ALL REQUIRED OUTLETS ARE NOT NECESSARILY SHOWN.
- WATER FILTER SYSTEM: RECEPTACLE AT 60" AFF.
- CLOVER SCALE & RETAIL GRINDER: FURNISH AND INSTALL QUADPLEX RECEPTACLE IN CABINET FOR EQUIPMENT AND MAINTENANCE.
- CLOVER BREWER: FURNISH AND INSTALL NEMA L6-30R RECEPTACLE IN CABINET WITH SUFFICIENT CLEARANCE TO OPERATE LOCKING PLUG. ROUTE (2) #10G AND (1) #10G CONDUCTORS IN CONDUIT SIZED PER CODE TO SERVICE PANEL.
- NEW FLOOR RECEPTACLE TO BE LOCATED AS SHOWN. COORDINATE LOCATION WITH EXISTING CONDITIONS PRIOR TO CHANNELING OF FLOOR. CONTRACTOR TO CONNECT NEW GENERAL POWER RECEPTACLES TO CIRCUIT SHOWN.
- PROVIDE RECEPTACLE AT 18" A.F.F. IN SEATING AREAS. LOCATE IN MILLWORK/WALL PER ARCHITECTURAL DETAILS. COORDINATE WITH GC.
- ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL RECEPTACLE AT MANAGERS WORK STATION TO PROVIDE POWER FOR TASK LIGHT. TASK LIGHT TO SATISFY REQUIREMENTS FOR LEED CREDIT E0c6. COORDINATE RECEPTACLE LOCATION TYPE OF TASK LIGHT WITH OWNER PRIOR TO COMMENCING WORK.



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Revision Schedule			
Rev	Date	By	Description

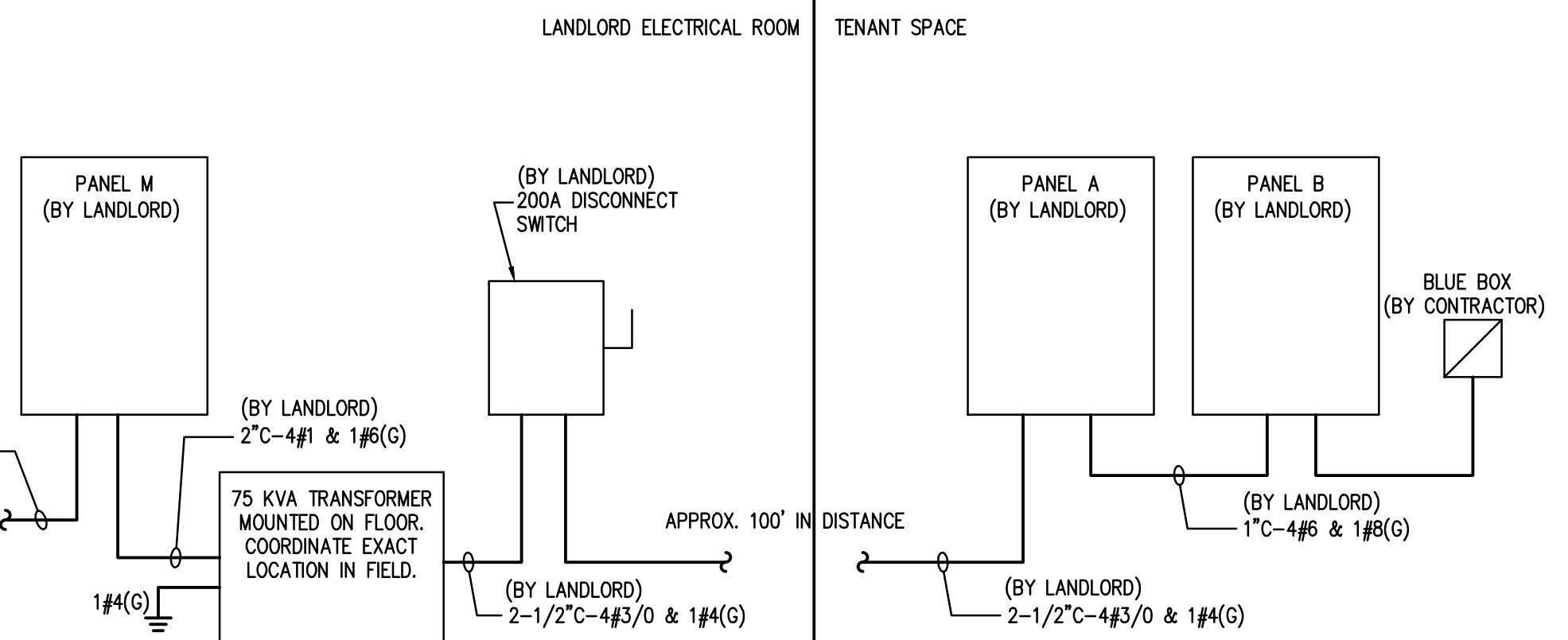
PROJECT NAME: **COMMERCIAL STREET**
PROJECT ADDRESS: **145 COMMERCIAL STREET
PORTLAND, ME 04101
CUMBERLAND COUNTY**

STORE #: 19384
PROJECT #: 58862-001
CONCEPT: MCS
PALETTE: HERITAGE
ISSUE DATE: JAN. 11, 2013
DESIGN MANAGER: E. ZAKAMAREK
LEED® AP:
PRODUCTION DESIGNER: NORR ILLINOIS
CHECKED BY: JAK / CJS

SHEET TITLE: **Electrical Design**

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

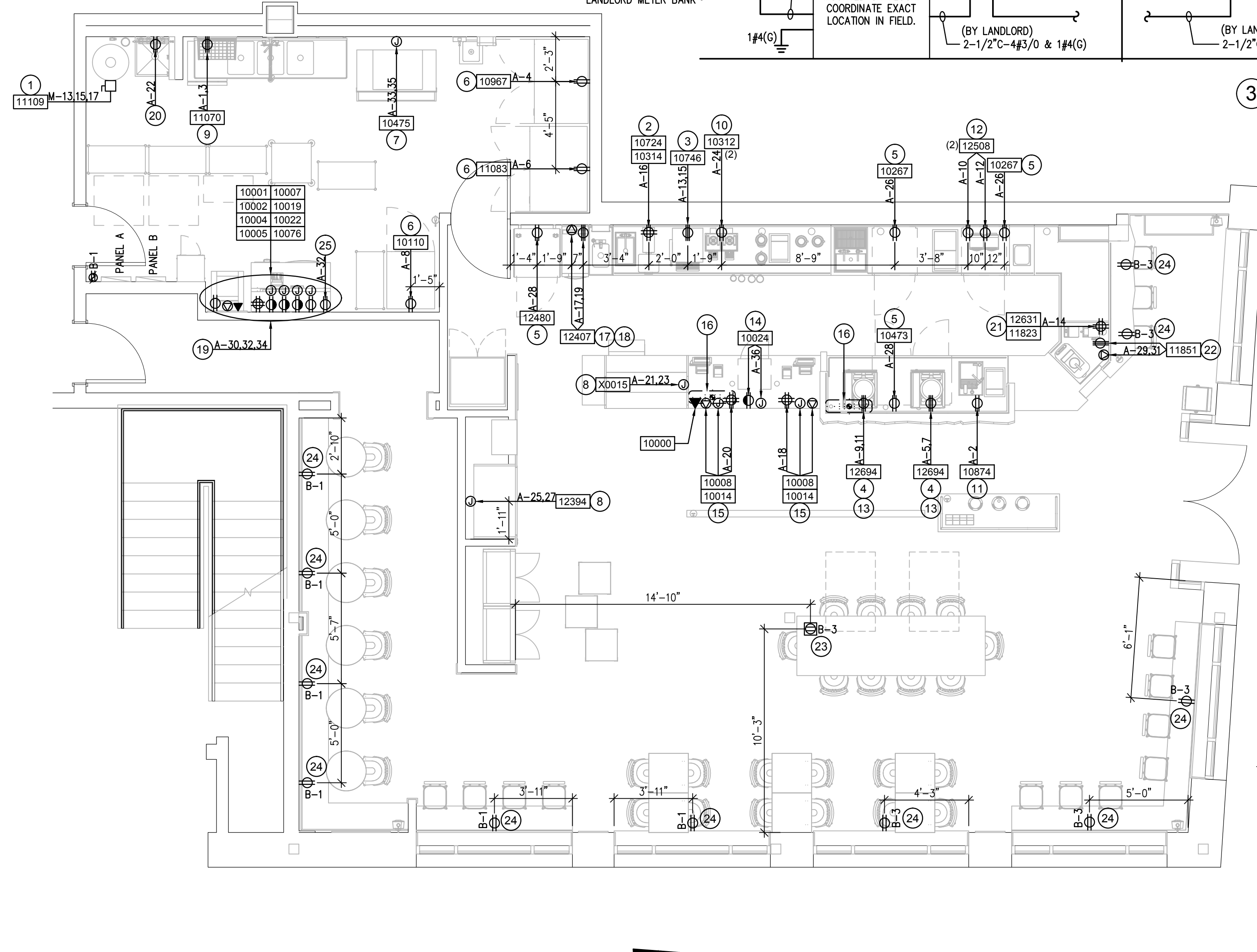
SHEET NUMBER: **E-112**



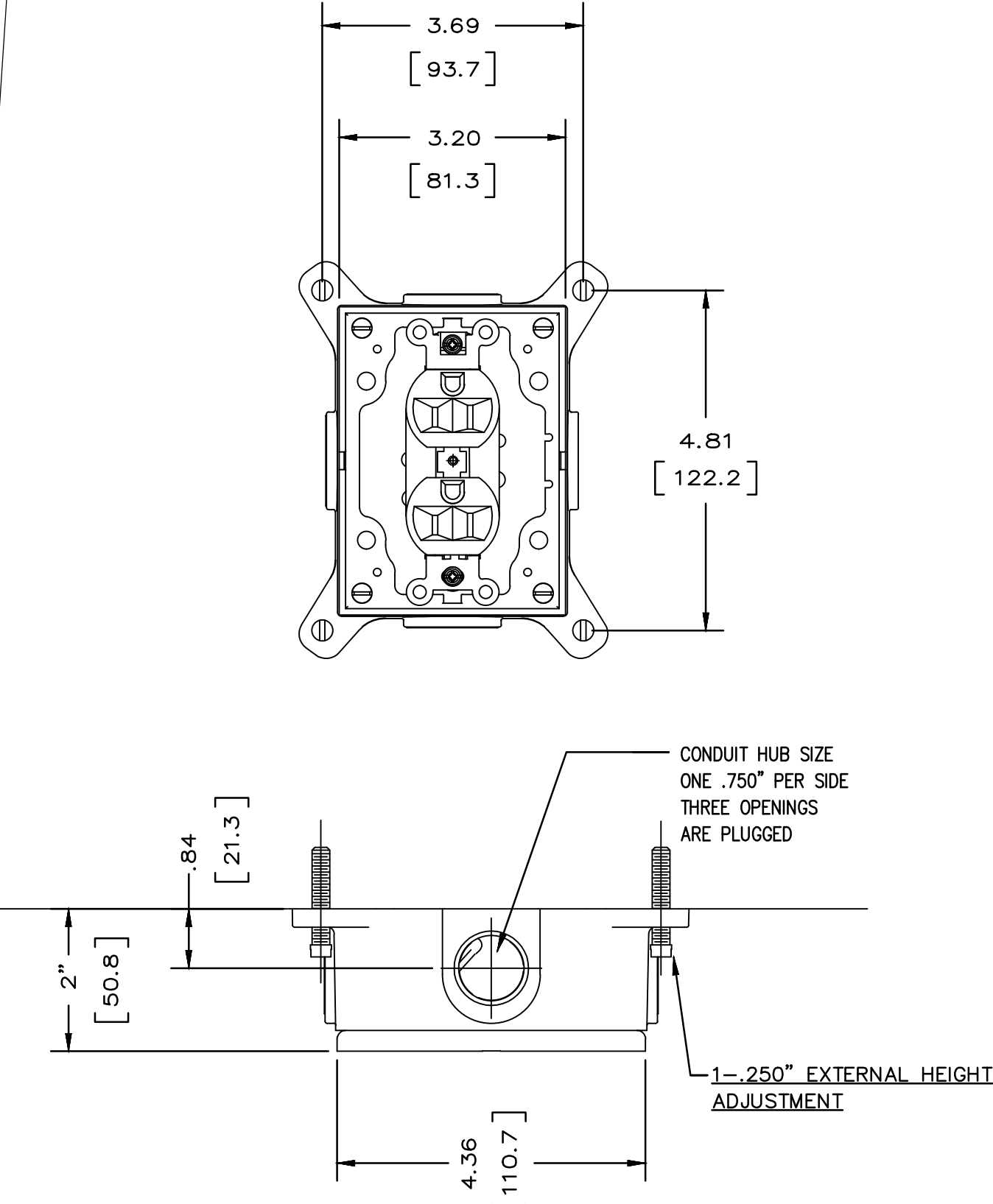
ONE-LINE DIAGRAM
Scale: NTS

ONE-LINE DIAGRAM NOTES:

- LANDLORD TO PROVIDE NEW 200A, 277/480V-3PH ELECTRICAL SERVICE TO SPACE INCLUDING INSTALLATION OF METERING AND DISCONNECT IN LANDLORD ELECTRICAL ROOM (CONTRACTOR TO VERIFY CONNECTION REQUIREMENTS WITH BUILDING ENGINEER).
- LANDLORD IS RESPONSIBLE FOR, BUT NOT LIMITED TO, ALL WORK DOWNSTREAM OF EXISTING BUILDING DISTRIBUTION PANEL. ALL WORK SHALL BE IN ACCORDANCE WITH UTILITY COMPANY REQUIREMENTS AND LOCAL CODE.
- LANDLORD SHALL CONTACT THE ELECTRIC UTILITY CO. TO VERIFY ALL DETAILS OF NEW SERVICE AND IS RESPONSIBLE FOR ANY FEES.
- LANDLORD IS RESPONSIBLE FOR A COMPLETE AND OPERATIONAL SYSTEM IN COMPLIANCE WITH NEC AND ALL STATE AND LOCAL CODES.



ELECTRICAL POWER PLAN
Scale: 1/4" = 1'-0"



FLOOR MOUNTED RECEPTACLE
Scale: NTS

Electrical Symbols Legend

- ⊕ Junction Box
- ⊖ Switch
- ⊙ Telephone
- ⊙ Thermostat
- ⊙ Receptacle: Data
- ⊙ Receptacle: Duplex
- ⊙ Receptacle: Duplex - Dedicated
- ⊙ Receptacle: High Voltage
- ⊙ Receptacle: Quadplex



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PRODUCTION DESIGNER: NORR ILLINOIS
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SHEET TITLE:
Lighting Design

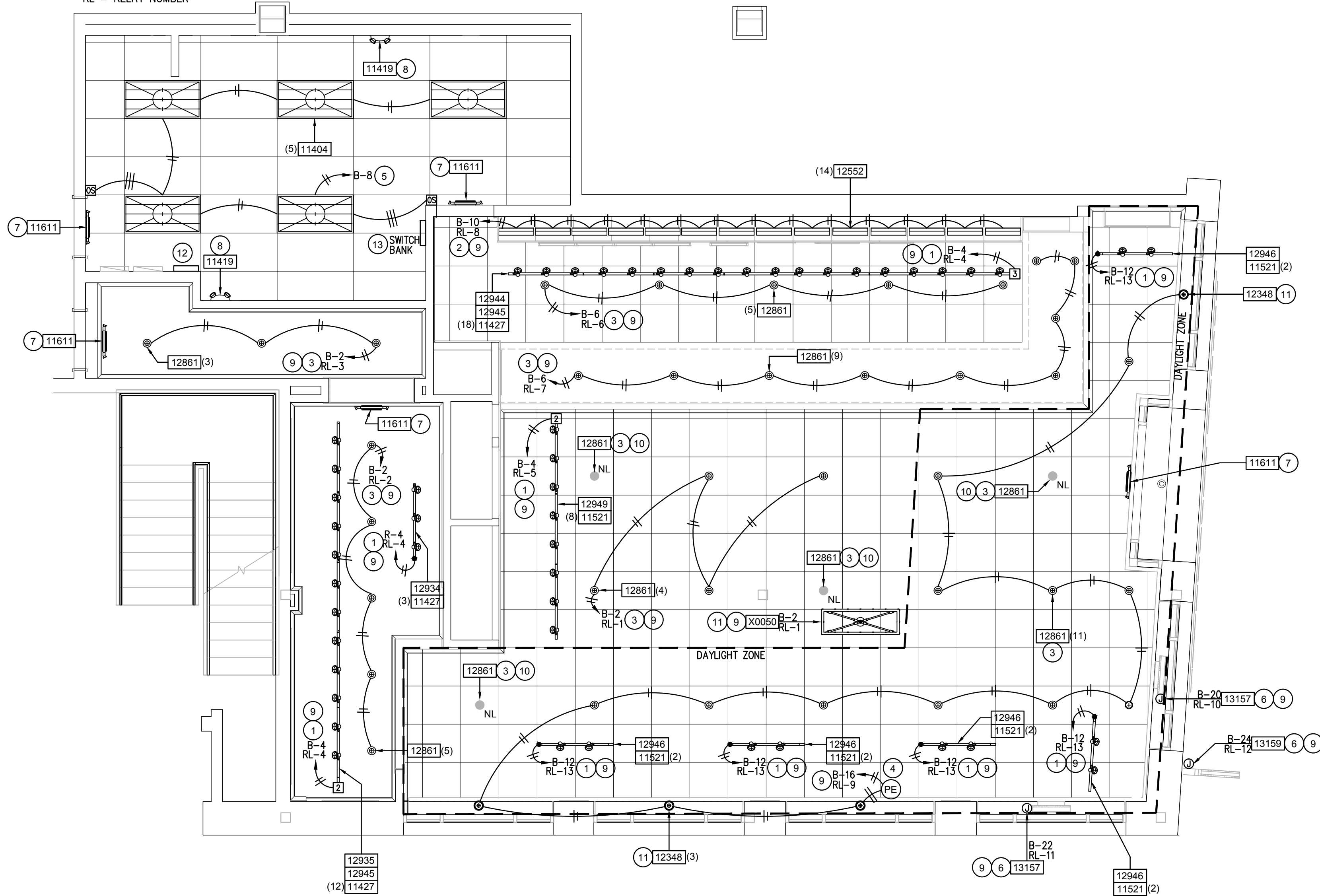
SCALE: 1/4" = 1'-0"

SHEET NUMBER:
E-113

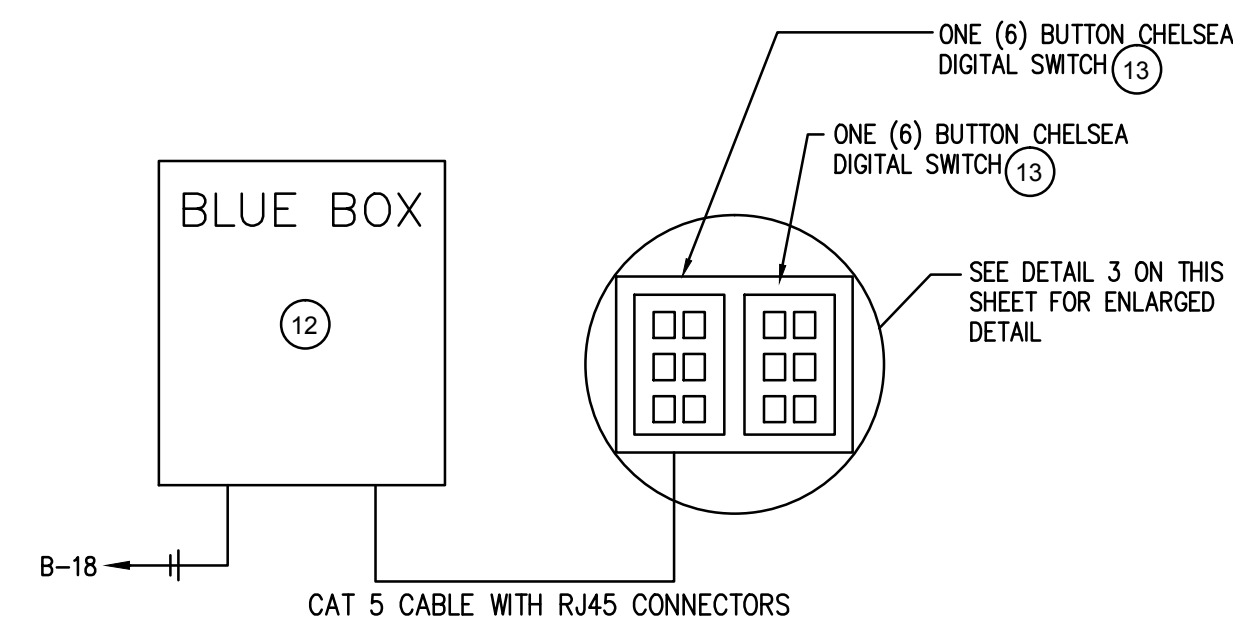
RELAY SCHEDULE			
RELAY NUMBER	CIRCUIT NUMBER	CIRCUIT DESCRIPTION	CONTROL DESCRIPTION
1	B-2	DINING AREA LIGHTING	DIGITAL SWITCH/TIME CLOCK
2	B-2	BACK DINING AREA LIGHTING	DIGITAL SWITCH/TIME CLOCK
3	B-2	CORRIDOR LIGHTING	DIGITAL SWITCH/TIME CLOCK
4	B-4	TRACK LIGHTING	DIGITAL SWITCH/TIME CLOCK
5	B-4	MERCHANDISE LIGHTING	DIGITAL SWITCH/TIME CLOCK
6	B-6	BAR LIGHTING	DIGITAL SWITCH/TIME CLOCK
7	B-6	SOFFIT LIGHTING	DIGITAL SWITCH/TIME CLOCK
8	B-10	LED TASK LIGHTING	DIGITAL SWITCH/TIME CLOCK
9	B-16	DAYLIGHT ZONE	INDOOR PHOTOCELL/TIME CLOCK
10	B-20	INTERIOR SIGN	TIME CLOCK
11	B-22	INTERIOR SIGN	TIME CLOCK
12	B-24	EXTERIOR SIGN	OUTDOOR PHOTOCELL/TIME CLOCK
13	B-12	DISPLAY LIGHTING	DIGITAL SWITCH/TIME CLOCK
14	SPACE		
15	SPACE		
16	SPACE		

- NOTE:
- RELAYS ARE HOUSED WITHIN BLUE BOX.
 - COORDINATE ALL TIME CLOCK SETTINGS WITH OWNER.
 - CONTROL MODELS SHALL BE AS FOLLOWS:
 - DIGITAL SWITCH: CHELSEA DIGITAL SWITCH (SEE DETAILS AND NOTES FOR SWITCH TYPE AND COORDINATE WITH OWNER AND MANUFACTURER FOR SWITCH OPTIONS)
 - TIME CLOCK: BLUE BOX #GR1416-LT-ENC-SM-NE1
 - OUTDOOR PHOTOCELL: #PCCELL-2W0 OR EQUAL*
 - INDOOR PHOTOCELL: #CMR-PC OR EQUAL*
 - IF DIFFERENT PHOTOCELL IS USED THEN WHAT IS SPECIFIED THEN VERIFY COMPATIBILITY WITH BLUE BOX REPRESENTATIVE PRIOR TO PLACING BID

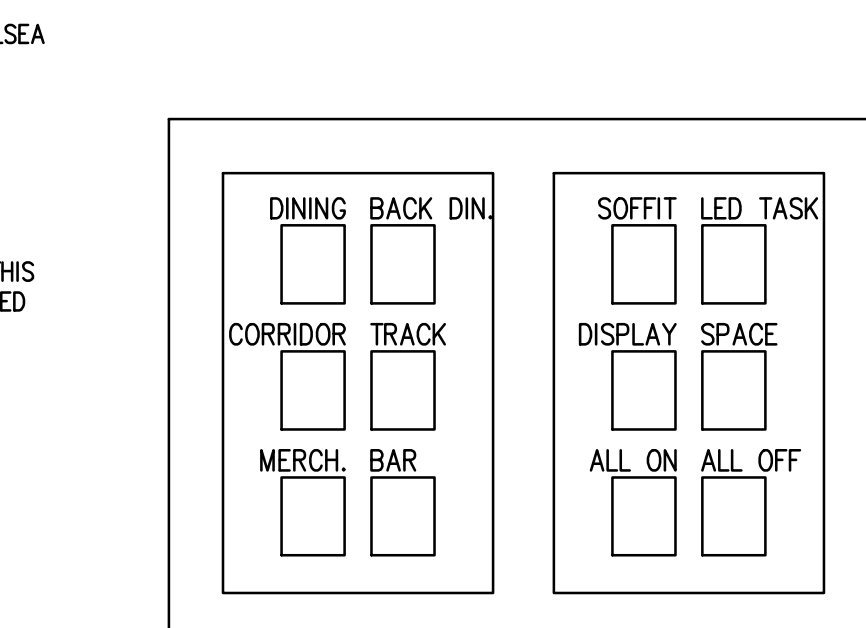
RL = RELAY NUMBER



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



2 LIGHTING CONTROLLER DETAIL
Scale: NTS



3 ENLARGED DIGITAL SWITCH DETAIL
Scale: NTS

CURRENT LIMITER SCHEDULE	
2	TCL2 - 2A CURRENT LIMITING CIRCUIT BREAKER 240W COLOR TO MATCH
3	TCL3 - 3A CURRENT LIMITING CIRCUIT BREAKER 360W COLOR TO MATCH

EAp2 MINIMUM PERFORMANCE REQUIREMENTS			
MAXIMUM LIGHTING WATTS			
	SQUARE FEET	ALLOWED	ACTUAL
DINING: FAST FOOD	1748 FT²	3256 WATTS	2581 WATTS

Lighting Plan Notes

- Refer to Architectural Plans for dimensioned fixture locations.
- All fixtures in food preparation area shall have shatterproof lamps if the fixture is not lensed. Architect of Record to verify per local jurisdictional requirements.
- Provide grommet at all ceiling penetrations for fixtures/supports.
- Center emergency/exit lights above doors, unless otherwise noted.
- Adjust focus of all track and recessed directional lighting to fully illuminate all artwork, menu boards, and merchandise bays.
- If pendant cylinders can suspended length exceeds 48" (1220mm) from ceiling, replace with surface mounted cylinder cans and suspend with General Contractor supplied conduit and J-box with dimensioned height.

Sheet Notes

- TRACK LIGHTING TO BE INSTALLED IN LOCATION SHOWN.
- UNDER CABINET TASK LIGHTING TO BE CIRCUITED THROUGH 20 AMP CIRCUIT BREAKER IN PANEL. VERIFY SWITCHING REQUIREMENTS IN FIELD WITH LIGHTING SCHEME.
- CAN LIGHT FIXTURES TO BE INSTALLED IN LOCATION SHOWN.
- PROVIDE AND INSTALL CMR-PC CEILING MOUNTED, LINE VOLTAGE PHOTOCELL, OR EQUAL, FOR CONTROLLING LIGHTING IN DAYLIGHT ZONE TO COMPLY WITH LEED CREDIT EA1.2. OPTIMIZE ENERGY PERFORMANCE - LIGHTING CONTROLS. LOCATION SHOWN ON PLAN FOR REFERENCE ONLY. VERIFY EXACT LOCATION AND REQUIREMENTS WITH SUPPLIER. PHOTOCELL ALSO TO BE CONTROLLED BY BLUE BOX LIGHTING CONTROLLER.
- INSTALL 2x4 FLUORESCENT LIGHT FIXTURES.
- E.C. SHALL PROVIDE ROUGH-IN AND FINAL CONNECTION TO STOREFRONT SIGN. FIELD VERIFY EXACT MOUNTING HEIGHT AND LOCATION WITH OWNER PRIOR TO COMMENCING WORK AND/OR PLACING BID.
- EXIT SIGN TO BE INSTALLED IN LOCATION SHOWN. CIRCUIT WITH LOCAL LIGHTING. CIRCUIT AHEAD OF ANY BLUE BOX CONTROLS OR SWITCHING.
- EMERGENCY LIGHT TO BE INSTALLED IN LOCATION SHOWN. CIRCUIT WITH LOCAL LIGHTING. CIRCUIT AHEAD OF ANY BLUE BOX CONTROLS OR SWITCHING.
- CIRCUIT SERVING THIS DEVICE SHALL BE CONTROLLED BY BLUE BOX. SEE DETAILS AND RELAY SCHEDULE ON THIS SHEET FOR MORE INFORMATION.
- NIGHT LIGHT TO BE INSTALLED IN LOCATION SHOWN. CIRCUIT AHEAD OF ANY BLUE BOX CONTROLS AND TO UNSWITCHED LEG OF LOCAL LIGHTING.
- INSTALL PENDANT LIGHTS AND PROVIDE JUNCTION BOXES WHERE APPLICABLE.
- PROVIDE AND INSTALL BLUE BOX #GR1416-LT-ENC-SM-NE1. CONTRACTOR SHALL PROVIDE ALL NECESSARY PARTS AND MATERIALS FOR COMPLETE INSTALLATION. BLUE BOX SHALL BE ORDERED WITH OUTDOOR PHOTOCELL #PCCELL 2W0, OR EQUAL AND COMPATIBLE WITH BLUE BOX LT. FOR EXTERIOR LIGHTING CONTROLS (VERIFY LOCATION OF OUTDOOR PHOTOCELL WITH MANUFACTURER PRIOR TO COMMENCING WORK). COORDINATE ALL REQUIREMENTS WITH EQUIPMENT SUPPLIER PRIOR TO COMMENCING WORK. MOUNT TOP OF CABINET AT 48" A.F.F. SEE DETAILS AND "RELAY SCHEDULE" ON THIS SHEET FOR MORE INFORMATION. ALL TIME CLOCK SETTINGS TO BE COORDINATED WITH OWNER.
- PROVIDE AND INSTALL CHELSEA DIGITAL SWITCH. SEE DETAIL 3 ON THIS SHEET FOR TYPE OF CHELSEA DIGITAL SWITCH (# OF BUTTONS) AND PUSHBUTTON DESIGNATION. PUSHBUTTON DESIGNATIONS NEED TO BE SPECIFIED AT TIME OF ORDERING. MOUNT TOP OF DIGITAL SWITCH AT 48" A.F.F. LOCATION OF DIGITAL SWITCH SHOWN ON PLANS IS FOR REFERENCE ONLY. VERIFY EXACT LOCATION WITH OWNER PRIOR TO COMMENCING WORK.



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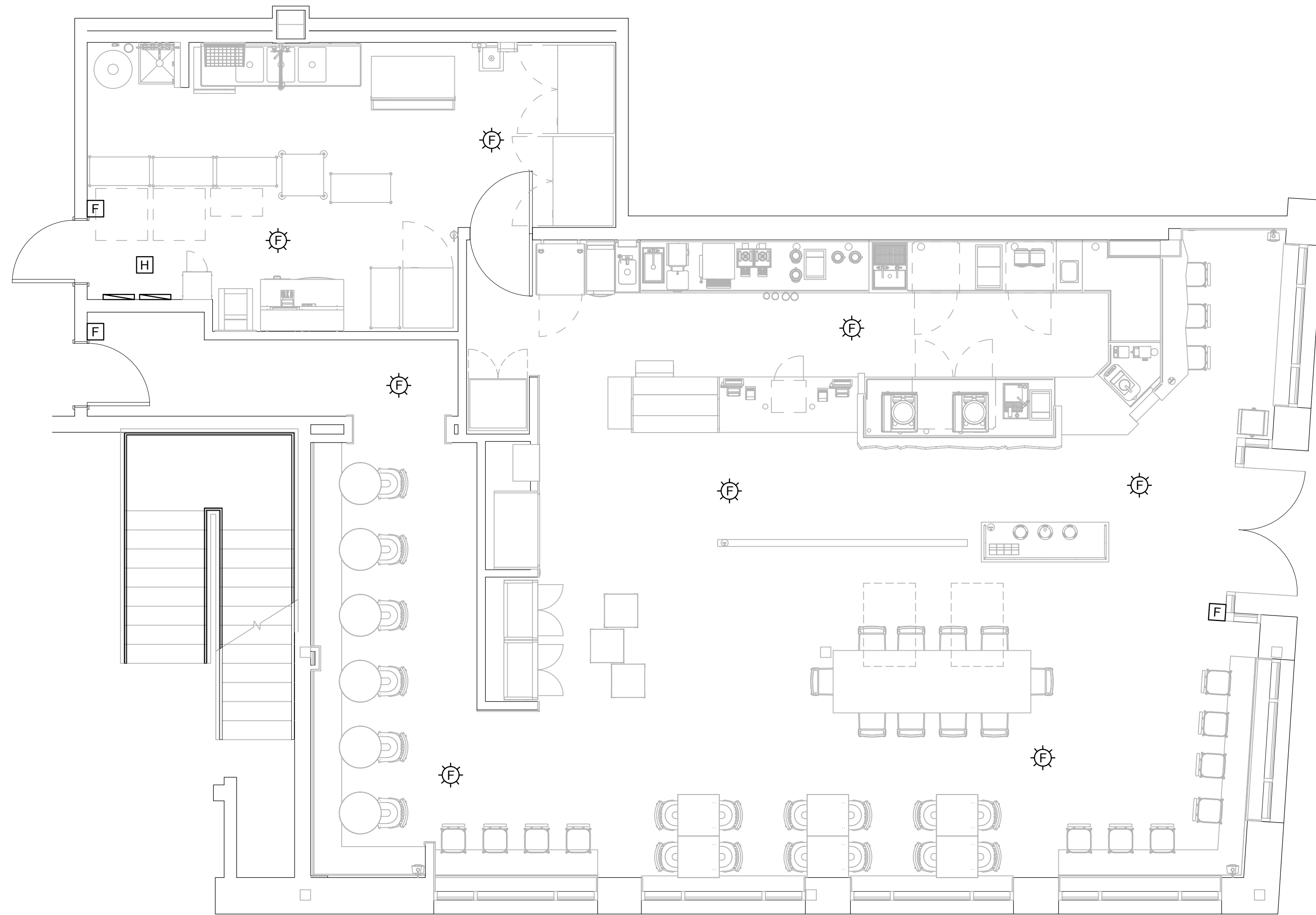
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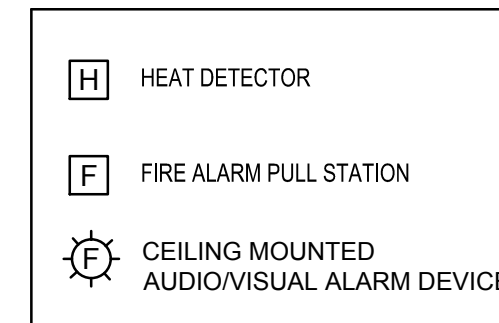


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1 FIRE ALARM PLAN
Scale: 1/4" = 1'-0"



NOTE: CONTRACTOR TO SUPPLY AND INSTALL ALL DEVICES AND WIRING. ENTIRE INSTALLATION SHALL BE IN ACCORDANCE WITH LOCAL JURISDICTION REQUIREMENTS. VERIFY CONNECTION REQUIREMENTS WITH THE BUILDING SYSTEM. COORDINATE ANY WORK REQUIRED ON BUILDING SYSTEM WITH OWNER PRIOR TO WORK.

2 FIRE ALARM SYSTEM LEGEND
Scale: NTS

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LEED® AP:
PRODUCTION DESIGNER: NORR ILLINOIS
CHECKED BY: JAK / CJS

SHEET TITLE: Fire Alarm Plan

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

SHEET NUMBER: FA-001