

1	GENERAL NOTES
<p>A. "DOCUMENTS," AS USED HEREIN, SHALL COMPRISE THE ENTIRE INTEGRATED SET OF ALL WRITTEN INSTRUMENTS RELATD TO THE PROJECT, INCLUDING, BUT NOT EXCLUSIVE TO, ALL CONTRACTS, SUBCONTRACTS, DRAWINGS, SPECIFICATIONS, MEMORANDA, ADDENDAS, SPECIFICATIONS, MANUALS, POLICIES, RULES AND REGULATIONS, LANDLORD DESIGN CRITERIA, SUBMITTALS, SHOP DRAWINGS, PERMITS, APPROVALS, REGULATIONS AND CODES. "PROJECT," AS USED HEREIN, SHALL REFER TO THE ENTIRE SCOPE OF PROVIDING A FINISHED FACILITY, READY AND USABLE FOR ITS INTENDED PURPOSE. GC SHALL BE RESPONSIBLE TO VISIT THE SITE PRIOR TO SUBMISSION OF BID. ANY DISCREPANCIES FOUND SHALL BE CONVEYED TO THE NEXTORE PROJECT MANAGER PRIOR TO BID SUBMISSION. SUBMISSION OF BID SHALL CONSTITUTE ACKNOWLEDGEMENT AND ACCEPTANCE OF EXISTING CONDITIONS.</p> <p>B. ALL MATERIALS AND/OR LABOR FOR THE PROJECT WHICH IS SHOWN ON THE DRAWINGS AND SPECIFICATIONS OR IS REASONABLY INFERRABLE THEREBY AS BEING NECESSARY TO PRODUCE A FINISHED PROJECT, SHALL BE PROVIDED BY THE GENERAL CONTRACTOR, WHETHER OR NOT THE WORK IS EXPRESSLY COVERED IN THE DOCUMENTS. THIS APPLIES TO ALL WORK WITH THE EXCEPTION OF THOSE ITEMS INDICATED N.L.C. ("NOT IN CONTRACT") OR BY OTHERS. THE DESIGN INTENT OF THE DRAWINGS SHALL ALWAYS BE THE GOAL.</p> <p>C. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COORDINATION BETWEEN SUBCONTRACTORS, SUPPLIERS, VENDORS OR ANY OTHER PARTIES SUPPLYING GOODS OR SERVICES TO THE PROJECT. NO EXTRA COMPENSATION WILL BE GIVEN TO ANY PARTY WHO HAS BID FROM AN INCOMPLETE SET OF DOCUMENTS OR WITH INSUFFICIENT FAMILIARITY WITH THE PROJECT OR THE SPECIFIC REQUIREMENTS THEREOF. IN THE EVENT OF INCONSISTENCIES OR DISCREPANCIES BETWEEN THE DOCUMENTS, CODES, CRITERIA OR REQUIREMENTS, THE MOST STRINGENT SHALL APPLY. THE GENERAL CONTRACTOR SHALL NOTIFY THE NEXTORE PROJECT MANAGER IMMEDIATELY OF SUCH DISCREPANCIES OR INCONSISTENCIES.</p> <p>D. IT IS THE RESPONSIBILITY OF THE G.C. TO VERIFY BOTH EXISTING SITE CONDITIONS AND DIMENSIONS WITHIN 24 HOURS OF STARTING ANY PROJECT. THE G.C. SHALL NOTIFY THE CONSTRUCTION MANAGER IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO INITIATING CONSTRUCTION.</p> <p>E. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING A CURRENT SET OF CONSTRUCTION DRAWINGS ON SITE AT ALL TIMES DURING CONSTRUCTION. THE GENERAL CONTRACTOR SHALL INDICATE ON THESE PLANS ALL APPROVED CHANGES TO THE WORK. THIS SET OF DRAWINGS SHALL BE UPLOADED VIA PROJECT READY IN PDF FORMAT TO THE NEXTORE PROJECT MANAGER UPON COMPLETION OF THE PROJECT. THESE DRAWINGS SHALL BE MARKED UP TO REPRESENT A COMPLETE AND ACCURATE SET OF "AS-BUILT" DRAWINGS. ANY AND ALL CHANGES SHALL BE NOTED ON SAID PLANS. PROVIDE MARKED UP PLANS TO NEXTORE PROJECT MANAGER AT PUNCH.</p> <p>F. IF ANY ERRORS, DISCREPANCIES OR OMISSIONS APPEAR OR ARE EVIDENT ON ANY OF THE DOCUMENTS, THE GENERAL CONTRACTOR, SUBCONTRACTOR, VENDOR OR SUPPLIER SHALL IMMEDIATELY NOTIFY THE NEXTORE PROJECT MANAGER.</p> <p>G. NO MATERIAL SUBSTITUTIONS WILL BE ALLOWED UNLESS SUBMITTED IN WRITING AND APPROVED IN WRITING BY THE NEXTORE PROJECT MANAGER.</p> <p>H. THE GENERAL CONTRACTOR SHALL, ON OR BEFORE THE SOONER OF: WITHIN 10 WORKING DAYS OF CONTRACT AWARD OR THE START OF THE PROJECT, PROVIDE TO NEXTORE AND KEEP CURRENT, A LIST OF ALL SUBCONTRACTORS TO BE USED ON THE PROJECT. THE GENERAL CONTRACTOR SHALL ALSO PROVIDE A COPY OF THIS LIST TO THE NEXTORE PROJECT MANAGER AT CONSTRUCTION COMPLETION, AND A COPY IS TO BE INCLUDED IN THE CLOSEOUT PACKAGE FROM THE GENERAL CONTRACTOR.</p> <p>I. THE GENERAL CONTRACTOR SHALL INSPECT, VERIFY AND INVENTORY ALL SHIPMENTS OF NEXTORE SUPPLIED MATERIALS, INCLUDING THOSE TO AND FROM ANY OFF-SITE WAREHOUSE FACILITIES. THIS INCLUDES VERIFYING PACKING LISTS AGAINST ORDER FORMS AND BILLS OF LADING, AND NOTING AND REPORTING ANY DAMAGES OR SHORTAGES TO THE NEXTORE PROJECT MANAGER. IF NOT DONE WITHIN 24 HOURS OF DELIVERY, THE GENERAL CONTRACTOR SHALL BEAR ANY AND ALL ASSOCIATED COSTS, INCLUDING EXPEDITED FREIGHT CHARGES, TO MEET THE CONSTRUCTION SCHEDULE. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR FILING DAMAGE REPORTS AND MAINTAINING PACKING MATERIALS FOR RETURN SHIPMENT OF DAMAGED ITEMS.</p> <p>J. THE GENERAL CONTRACTOR SHALL KEEP ALL HANDBOOKS, MANUALS, WARRANTY DOCUMENTS AND MISCELLANEOUS PAPERWORK, INCLUDING ALL PACKING SLIPS AND BILLS OF LADING IN A MARKED BINDER. THIS BINDER IS TO BE TURNED OVER TO THE STORE GENERAL MANAGER AT PROJECT COMPLETION. COPIES OF THOSE ITEMS AND DOCUMENTS REQUIRED FOR INCLUSION IN THE CLOSEOUT PACKAGE SHALL BE MADE BY THE GENERAL CONTRACTOR AS NEEDED FOR THIS SUBMISSION.</p> <p>K. THE GENERAL CONTRACTOR SHALL DELIVER TO THE NEXTORE PROJECT MANAGER A COPY OF THE CERTIFICATE OF OCCUPANCY (C.O.F.O.) WITH MAINTENANCE, WARRANTY, GUARANTEES AND EQUIPMENT OPERATION MANUALS. THE ORIGINAL CERTIFICATE OF OCCUPANCY IS TO BE LEFT WITH THE STORE GENERAL MANAGER.</p> <p>L. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEAN UP AND DISPOSAL OF ALL TRASH AND DEBRIS GENERATED BY ALL TRADES. GC TO REMOVE/DISPOSE OF ALL BOXES/CRATES/TRASH OF TENANT SUPPLIED AND INSTALLED ITEMS, INCL. DISPLAY FIXTURES &amp; HARDWARE. DAILY CLEAN REQUIRED.</p> <p>M. THESE CONSTRUCTION DOCUMENTS ARE NOT TO BE SCALED. ALL DIMENSIONS ARE TO FINISH FACE OF WALL, UNLESS OTHERWISE NOTED.</p> <p>N. THESE DRAWINGS ARE NOT TO BE ALTERED IN ANY WAY WITHOUT THE WRITTEN AUTHORIZATION FROM NEXTORE OR NEXTORE'S ARCHITECT.</p> <p>O. THE GENERAL CONTRACTOR SHALL MAINTAIN EGRESS AT ALL TIMES DURING STORE OPERATION / CONSTRUCTION. P. THE GENERAL CONTRACTOR SHALL COORDINATE CONSTRUCTION TIMES AND NOISE REQUIREMENTS WITH LANDLORD PRIOR TO CONSTRUCTION START, NO EXTRA COSTS WILL BE ALLOWED TO ACCOMMODATE ANY RESTRICTIONS OR LIMITATIONS.</p> <p>Q. UPON COMPLETION OF CONSTRUCTION, IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CLEAN ALL SURFACES / FIXTURES PER MANUFACTURER'S INSTRUCTIONS AND TO EMPLOY THE SERVICES OF A PROFESSIONAL CLEANING COMPANY TO ASSURE DELIVERY TO THE TENANT OF AN ABSOLUTELY CLEAN STORE. (2) CLEANINGS REQUIRED: (1) PRIOR TO PUNCH &amp; (1) AT TURNOVER. THE FINAL CLEANING IS TO BE PERFORMED NO MORE THAN ONE DAY PRIOR TO PUNCH. IF AN UNLUSTY STORE IS TURNED OVER TO NEXTORE PROJECT MANAGER WITHOUT NOTICE TO THE GENERAL CONTRACTOR, TO EMPLOY PROFESSIONAL CLEANING SERVICES AND DEDUCT THE COST PLUS 15% FROM THE BALANCE OF THE GENERAL CONTRACTOR.</p> <p>R. THE GENERAL CONTRACTOR SHALL PROVIDE PROTECTIVE COVERING FOR ALL EQUIPMENT, FINISHES, MERCHANDISE, CARPET, ETC., INCLUDING THE WORK OF OTHERS, THROUGHOUT THE DURATION OF THE PROJECT.</p> <p>S. THE GENERAL CONTRACTOR SHALL COORDINATE ALL ACTIVITIES WITH THE LANDLORD PRIOR TO THE START OF CONSTRUCTION, AND COORDINATE WITH THE LANDLORD, ALL INTERRUPTION OF SERVICES. ANY SHUT DOWNS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.</p> <p>T. THE GENERAL CONTRACTOR SHALL INSTALL A LANDLORD AND CODE COMPLIANT TEMPORARY BARRICADE AS REQUIRED BY THE LANDLORD OR NEXTORE PROJECT MANAGER, UNLESS THE PLANS SPECIFICALLY CALL OUT FOR THIS WORK TO BE BY OTHERS.</p> <p>U. GENERAL CONTRACTOR SHALL INSTALL A TEMPORARY ENTRANCE WITH DOORS, FRAMES AND LOCKS, UNLESS THE PLANS SPECIFICALLY CALL OUT FOR THIS WORK TO BE BY OTHERS.</p> <p>V. ALL CONSTRUCTION SHALL CONFORM TO ALL APPLICABLE CODES AND ORDINANCES, THE LANDLORD'S TENANT DESIGN CRITERIA, THE LANDLORD'S CONSTRUCTION RULES AND REGULATIONS, NEXTORE STANDARD SPECIFICATIONS, NEXTORE STANDARD CONSTRUCTION CRITERIA AND ACCEPTED BEST CONSTRUCTION PRACTICES. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO FILE ANY NEEDED "NOTICE OF COMMENCEMENT" OR OTHER FILINGS RELATED TO THE PROJECT IN THE APPROPRIATE OFFICES AND SHALL BE RESPONSIBLE TO POST SUCH NOTICES AT THE JOB SITE.</p> <p>W. ALL WOOD CONSTRUCTION, INCLUDING BLOCKING, SHALL BE FIRE RESISTANT TREATED (FRT). ALL NEW FRAMING AT THE STOREFRONT AND / OR ABOVE THE CEILING SHALL BE NON-COMBUSTIBLE.</p> <p>X. THE GENERAL CONTRACTOR SHALL, PRIOR TO BEGINNING ANY WORK, COORDINATE WITH THE LANDLORD OR ANY AUTHORITY HAVING JURISDICTION, AND BEAR THE COSTS FOR, ALL EXPLORATIONS / X-RAYS REQUIRED FOR CUTTING/CORING OF THE SLAB OR EXCAVATING.</p> <p>Y. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ALL THEIR WORK AND THE WORK OF THEIR SUBCONTRACTORS WITH THE STRUCTURE AND SHELL BUILDING ELEMENTS. THE GENERAL CONTRACTOR SHALL IMMEDIATELY NOTIFY THE NEXTORE PROJECT MANAGER OF ANY DISCREPANCIES BETWEEN THESE DRAWINGS AND THE BUILDING SHELL.</p> <p>Z. THE GENERAL CONTRACTOR SHALL PROVIDE ALL FIRE EXTINGUISHERS, CONCEALED BLOCKING AND SIGNAGE FOR SAME AS REQUIRED. QUANTITIES, SIZES AND LOCATIONS SHOWN IN THE DRAWINGS ARE ONLY SUGGESTED QUANTITIES, SIZES AND LOCATIONS, THE MOST STRINGENT REQUIREMENT OF ANY BODY HAVING JURISDICTION SHALL PREVAIL.</p> <p>AA. THE GENERAL CONTRACTOR SHALL DESIGN, INSTALL, LOCATE, RELOCATE, RECONFIGURE THE FIRE SPRINKLER AND FIRE ALARM SYSTEMS AS REQUIRED BY THE INTENT OF THESE CONSTRUCTION DOCUMENTS OR ANY CODE, OR BODY HAVING JURISDICTION OVER THE WORK. ALL FIRE SPRINKLER AND FIRE ALARM SYSTEM WORK SHALL BE "DESIGN BUILD" BY THE GENERAL CONTRACTOR, UNLESS CALLED OUT TO BE PERFORMED SPECIFICALLY BY OTHERS IN THE DOCUMENTS (SEE FIRE SPRINKLER SYSTEM / FIRE ALARM SYSTEM NOTES). GC TO COORDINATE WITH LANDLORD REQUIRED VENDOR.</p> <p>AB. THE GENERAL CONTRACTOR SHALL, WITHOUT EXCEPTION, PROVIDE AND INSTALL ANY AND ALL DUST PROTECTION REQUIRED DURING CONSTRUCTION.</p> <p>AC. GENERAL CONTRACTOR TO PROVIDE ALL FLOOR PREPARATION AS NEEDED TO ASSURE COMPLIANCE WITH FINISHED FLOORING MANUFACTURER SPECIFICATIONS.</p> <p>AD. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF ALL CEILING WORK WITH THE MEP DRAWINGS.</p> <p>AE. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF ALL LIGHTING WITH THE ELECTRICAL DRAWINGS / REFLECTED CEILING PLAN.</p> <p>AF. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL LIGHT FIXTURES SUPPORTS, INCLUDING ANY AND ALL SEISMIC REQUIREMENTS.</p> <p>AG. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING REQUIRED FIRE RATINGS AND FIRE PROOFING IN ALL INSTANCES.</p> <p>AH. ALL PENETRATIONS OF DEMISING WALLS, ROOF AND FLOOR SHALL BE FIRE SAFE / PROOF PER CODES / LANDLORD REQUIREMENTS. THE MOST STRINGENT REQUIREMENT SHALL PREVAIL.</p> <p>AI. THE GENERAL CONTRACTOR SHALL RECEIVE, UNLOAD, AND PROVIDE SAFE STORAGE OF ALL NEXTORE / NEXTORE SUPPLIED AND / OR INSTALLED MATERIAL. TRASH REMOVAL OF ALL BOXES / CRATES CONTAINING NEXTORE / NEXTORE SUPPLIED AND / OR INSTALLED MATERIAL, INCLUDING BUT NOT LIMITED TO FLOORING, MILLWORK, LIGHTING, HARDWARE, ACCESSORIES, EQUIPMENT, ETC. SHALL BE BY THE GENERAL CONTRACTOR.</p> <p>AJ. NOTICE OF INCIDENT: THE GENERAL CONTRACTOR SHALL, VIA ELECTRONIC MEDIUM AND NEXTORE STANDARD NOTIFICATION AND REPORTING FORMS, IMMEDIATELY NOTIFY THE NEXTORE PROJECT MANAGER OF ANY INCIDENT INVOLVING THE PROJECT CONTACT RESULTS IN CONTACT WITH ANY FEDERAL, STATE OR LOCAL GOVERNMENT AGENCY OR AS CALLED OUT IN NEXTORE'S OR THE LANDLORDS RULES, REGULATIONS OR POLICIES.</p> <p>AK. WEEKLY PROGRESS PHOTOS, DAILY REPORTS, SAFETY INSPECTIONS, SCHEDULE UPDATES, CHANGE ORDER LOGS, RFI LOGS, AND TOOL BOX TOPICS SHALL BE SUBMITTED TO THE NEXTORE PROJECT MANAGER VIA PROJECT READY AS REQUIRED IN THE DOCUMENTS OR DIRECTED BY THE NEXTORE PROJECT MANAGER.</p> <p>AL. FOR THOSE PROJECTS THAT ARE "OPEN REMODELS," STORES WILL REMAIN OPEN DURING REGULAR BUSINESS HOURS WHILE CONSTRUCTION IS IN PROGRESS. ALL DISTURBANCES TO SURROUNDING BUSINESSES AND AREAS MUST BE KEPT TO A MINIMUM. WORK DURING AN OPEN REMODEL IS TYPICALLY PERFORMED "AFTER NORMAL OPERATING HOURS." GC MUST COORDINATE WITH NEXTORE PROJECT MANAGER AND OR STORE OPERATIONS MANAGER PRIOR TO CONSTRUCTION START. THERE SHALL BE NO UP-CHARGE SUBMITTED, ALLOWED, OR CONSIDERED FOR ANY SUCH AFTER HOURS WORK.</p> <p>SAFETY: SAFETY OF ALL EMPLOYEES, ASSOCIATES AND CUSTOMERS SHALL BE THE NUMBER ONE PRIORITY FOR ALL CONTRACTORS ON ANY NEXTORE PROJECT. OSHA REQUIREMENTS SHALL BE INCORPORATED INTO THE SCOPE OF WORK EVEN THOUGH THEY MAY NOT BE LISTED SEPARATELY. CONTRACTOR SHALL MAINTAIN A COPY OF THEIR SITE SPECIFIC SAFETY PLAN ON SITE AT ALL TIMES</p>	
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2	GENERAL CONTRACTOR NOTES
<p>1. BUILDING PERMIT AND CERTIFICATE OF OCCUPANCY:</p> <p>A. THE GC SHALL CONTACT THE NEXTORE P.M. OR THE PERMIT EXPEDITOR TO SECURE THE PERMIT. PERMIT SHALL BE MOUNTED IN A VISIBLE LOCATION AT THE SITE. PERMITS SHALL BE PAID FOR BY THE GC AND SUBMITTED TO TENANT AS A NET COST.</p> <p>B. THE GC SHALL ARRANGE FOR ALL REQUIRED INSPECTIONS.</p> <p>C. THE GC SHALL DETERMINE IF THE INSPECTORS WILL BE CHECKING LAB / LENS PROCESSING ROOM EQUIPMENT FOR UL OR ETL LABELS AND NOTIFY THE CONSTRUCTION MANAGEMENT TEAM NO LATER THAN 4 WEEKS BEFORE "PUNCH".</p> <p>D. IF REQUIRED, A "TEMPORARY C OF O" OR BUILDING DEPARTMENT APPROVAL SHALL BE RECEIVED TO SET DOWN EQUIPMENT.</p> <p>2. DIMENSIONS:</p> <p>THE WORD 'HOLD' REFERS TO A CRITICAL DIMENSION AND MUST BE ADHERED TO, IF THESE DIMENSIONS CAN NOT BE MET, SUBMIT IN WRITING &amp; CALL NEXTORE P.M. FOR DIRECTION.</p> <p>3. ON-SITE COMMUNICATION:</p> <p>A. THE GC SHALL CONTACT THE NEXTORE P.M. TO RESOLVE ALL FIELD ISSUES.</p> <p>B. GC TO HAVE CELL PHONE WITH VOICEMAIL CAPABILITIES.</p> <p>C. GC TO HAVE LAPTOP ON SITE WITH WIFI CAPABILITIES.</p> <p>D. GC TO HAVE PRINTER ON SITE.</p> <p>4. CHANGE ORDERS:</p> <p>NO ADDITIONAL COSTS OR DESIGN CHANGES WILL BE ACCEPTED WITHOUT THE WRITTEN APPROVAL OF THE NEXTORE P.M. AND THE EXECUTION OF THE NEXTORE CHANGE ORDER PROCEDURE, PRIOR TO THE COMMENCEMENT OF SUCH WORK. CHANGE ORDER WORK COMPLETED WITHOUT SIGNED APPROVAL TO DO SAME, IS DONE SO AT THE GC'S RISK.</p> <p>5. SUBCONTRACTOR COORDINATION:</p> <p>THE GC MUST BE PRESENT AT ALL TIMES FOR THE DURATION OF CONSTRUCTION. THE GC SHALL GIVE SUBCONTRACTORS APPROPRIATE NOTICE BEFORE REQUIRING THEM ON SITE. COORDINATE INSTALLATION DATES, AND COMMUNICATE SITE SPECIFIC DETAILS. THE GC SHALL COORDINATE THE INSTALLATION SCHEDULE AND DIVISION OF WORK WITH THE NEXTORE P.M. SUBCONTRACTORS SHOULD CONTACT THE GC FOR SCHEDULE CLARIFICATIONS.</p> <p>MILLWORK / CASEWORK: GC SHALL COORDINATE CRITICAL DIMENSIONS PRIOR TO WALL CONSTRUCTION AND HAVE THE AREA READY PRIOR TO FIXTURE DELIVERY. READY SHALL BE DEFINED AS FLOORING DOWN THRU-OUT THE RETAIL AND OPTOMETRIC DOCTOR (OD) RECEPTION, LIGHTING SOFFITS BUILT OUT, DRYWALLED, FINISHED, PAINTED AND LIGHTING FIXTURES INSTALLED. ALL WALLS IN THE RETAIL AND OD RECEPTION MUST BE FINISHED AND PAINTED. ALL ELECTRICAL AND MECHANICAL ROUGH-OUTS MUST BE COMPLETED. STORE MUST BE SECURED FROM THE OUTSIDE. ONCE THE PRE-CONSTRUCTION MILLWORK DROP / INSTALL DATE HAS BEEN ESTABLISHED, ANY CHANGES TO THE ESTABLISHED DATE MUST BE COMMUNICATED AT LEAST 7 DAYS PRIOR.</p> <p>6. DATA-POS / PHONES:</p> <p>A. NEW TI. &amp; RELO STORES: BACKBOARD TO BE INSTALLED WITHIN 7 CALENDAR DAYS OF THE CONSTRUCTION START DATE. ACCESS TO BACKBOARD SHALL BE AFFORDED TO ALL TENANT VENDORS, TELEPHONE, ELECTRIC AND DATA CABLING INSTALLED ONE WEEK BEFORE "PUNCH" FOR HARDWARE INSTALLATION AND TESTING. CONTACT NEXTORE P.M. IF NEEDED.</p> <p>B. REMODEL STORES: GC TO COORDINATE ALL TEMPORARY AND PERMANENT DATA AND PHONE CABLING DURING THE OPEN REMODEL. KEEPING STORE POS AND PHONE SYSTEMS ON LINE AND ACTIVATED AT ALL TIMES. COORDINATE WORK WITH TENANT LOW VOLTAGE VENDOR.</p> <p>7. ELECTRICAL AND LIGHTING DELIVERIES</p> <p>GC SHALL BE RESPONSIBLE FOR THE COORDINATION OF DELIVERIES, FOR THE OFF-LOADING OF SAME, AND TO VERIFY / REPORT ANY DAMAGE AND FOR THE SAFE STORAGE OF ALL MATERIALS RECEIVED. THE GC SHALL VERIFY THE VOLTAGE AND COMPATIBILITY OF ALL EQUIPMENT, FIXTURES AND MILLWORK PRIOR TO CONNECTION.</p> <p>8. METER INSTALLATION (WATER / ELECTRIC / GAS):</p> <p>UTILITY ACCOUNT TRANSFER / SETUP (FOR CORPORATE NEW AND RELOCATION STORES ONLY): GC SHALL CONTACT THE NEXTORE RETAIL STORE MAINTENANCE HOTLINE (513)765-3500 UPON ARRIVAL AT THE SITE. GC WILL NOT BE RESPONSIBLE FOR ANY UTILITY COSTS DURING CONSTRUCTION. GC TO CONTACT NEXTORE TO CONVERT METERS TO NEXTORE NAME IMMEDIATELY UPON CONSTRUCTION START UP. GC TO PROVIDE THE FOLLOWING INFORMATION WHEN CALLING:</p> <p>A. STORE ADDRESS AND SPACE #</p> <p>B. UTILITY COMPANY (S) NAME AND PHONE # (I.E., GAS, ELECTRIC, WATER AND POSSIBLY SEWER)</p> <p>C. METER AND SOCKET # (IF USED)</p> <p>D. EXPECTED "PUNCH" DATE (TIMING FOR NEW INSTALLATION OR UTILITY ACCOUNT TRANSFER WILL BE EXECUTED ON/NOV BEFORE THE "PUNCH" DATE).</p> <p>9. TURNOVER PROCEDURE:</p> <p>A. THE GC SHALL CALL THE THE NEXTORE P.M. TO CONFIRM THE TURNOVER DATE NO LATER THAN 10 WORKING DAYS BEFORE TURNOVER.</p> <p>B. ALL CONSTRUCTION ITEMS, INCLUDING ITEMS ON THE INSTALLATION SCHEDULE ARE TO BE COMPLETED BEFORE TURNOVER DAY.</p> <p>C. THE GC AND NEXTORE P.M. TO CONDUCT THE PUNCH WALKTHROUGH, NOTING ALL DEFICIENCIES AND TIMING FOR RESOLUTION.</p> <p>D. A "SUBSTANTIAL COMPLETION" DOCUMENT WILL BE DISTRIBUTED TO THE GC. THE GC SHALL REMAIN ON SITE UNTIL ALL "PUNCH LIST" ITEMS ARE COMPLETE AND THE NEXTORE PM HAS APPROVED ITEMS CONFIRMING COMPLETION OF THE "PUNCH LIST" BY GC.</p> <p>E. A COPY OF THE "CONFIRMED COMPLETION OF PUNCH LIST" WILL BE GIVEN TO THE NEXTORE P.M. BY THE GC.</p> <p>10. SETDOWN FOR NEW CORPORATE STORES:</p> <p>NEXTORE'S NEW STORE TEAM WILL DELIVER ALL REMAINING OWNER FURNISHED ITEMS TO THE STORE ON THE EVENING OF "TURNOVER" DAY. THE GC SHALL BE ON SITE ON THE DAY AFTER "TURNOVER" WITH ONE (1) PLUMBER AND ONE (1) ELECTRICIAN TO ASSIST THE SETDOWN TEAM TO RESOLVE ANY ISSUES. THE GC SHALL SUPPLY DUMPSITER FOR REMOVAL OF SETDOWN DEBRIS.</p> <p>11. SOUND SYSTEM:</p> <p>A. THE GC SHALL BE RESPONSIBLE TO CONTACT NEXTORE PROJECT MANAGER 4 WEEKS PRIOR TO THE SCHEDULED DATES TO ARRANGE FOR INSTALLATION.</p> <p>B. REMODELS AND RELOCATIONS: THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL, STORAGE AND REINSTALLATION OF SYSTEM (INCLUDING CD PLAYERS AND SPEAKERS) AT NEXTORE STORES DURING DURATION OF CONSTRUCTION.</p> <p>12. SECURITY ALARM TRANSFER/MODIFICATION</p> <p>A. ALARM TRANSFER / MODIFICATION - GC SHALL CONTACT THE SECURITY VENDOR DURING ANY POINT IN CONSTRUCTION THE GC DETERMINES THEY WILL NEED TO DISABLE OR RELOCATE ANY ALARM SYSTEM COMPONENTS. GC SHALL AWAIT INSTRUCTIONS FROM THE "NEXTORE SECURITY LIAISON" BEFORE TAKING ANY ACTION ON THE SECURITY SYSTEM.</p> <p>B. CAMERAS - GC SHALL CONTACT THE "NEXTORE LOSS PREVENTION MANAGER" TO COORDINATE THE REINSTALLATION OF SECURITY CAMERAS ON REMODEL OR RELOCATION STORES THAT ALREADY HAVE CAMERAS IN PLACE AND ARE BEING DISTURBED DURING CONSTRUCTION.</p> <p>13. AIR BALANCE REPORTS:</p> <p>G.C. RESPONSIBLE TO OBTAIN CERTIFIED AIR BALANCING REPORT FROM A VENDOR INDEPENDENT FROM THE HVAC CONTRACTOR.</p>	
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3	LANDLORD NOTES
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3-LC05-G001-REV00	

4	JOB SITE ADDRESS
NAME	LENSCRAFTERS
STREET ADDRESS	1700 NW CHIPMAN RD, SPACE M-6B
CITY, STATE, ZIP	LEE'S SUMMIT, MO 64081
4-LC05-G001-REV00	
5	JURISDICTION
DEPARTMET	DEVELOPMENT SERVICES
STREET ADDRESS	220 SE GREEN LEE'S SUMMIT
CITY, STATE, ZIP	LEE'S SUMMIT, MO 64063
PHONE	816-989-1200
5-LC05-G001-REV00	

6	LANDLORD'S ADDRESS
LANDLORD	RED DEVELOPMENT, LLC
SR. TENANT COORD.	DUSTIN CLEVELAND
STREET ADDRESS	ONE EAST WASHINGTON STREET, SUITE 300
CITY, STATE, ZIP	PHOENIX, AZ 85004
PHONE	480-556-7732
EMAIL	DCLEVELAND@REDEVELOPMENT.COM
6-LC05-G001-REV00	

7	STORE INFO.
STORE CONTACT	SUMMITWOODS CROSSING
STREET ADDRESS	1700 NW CHIPMAN RD, SPACE M-6B
CITY, STATE, ZIP	LEE'S SUMMIT, MO 64081
PHONE	
7-LC05-G001-REV00	

8	CODE INFORMATION
CONSTRUCTION TYPE: 2B	
PROJECT OCCUPANCY: M (MERCANTILE) [3,293 SQ. FT.]	
BUILDING: 2018 INTERNATIONAL BUILDING CODE	
MECHANICAL: 2018 INTERNATIONAL MECHANICAL CODE	
FIRE: 2018 INTERNATIONAL FIRE CODE	
PLUMBING: 2018 INTERNATIONAL PLUMBING CODE	
ELECTRICAL: 2017 NATIONAL ELECTRICAL CODE	
ENERGY: N/A	
ACCESSIBILITY CODE: ICC/ANSI A117.1-2009	
ADDITIONAL CODES: AMENDMENTS: ORDINANCE #8536/#8537	
SPRINKLERED: YES FIRE ALARM: YES FIRE EXTINGUISHERS: YES	
OCCUPANT LOAD: TABLE 1004.5	GROSS LEASE AREA: 3293 SQ. FT.
RETAIL STORE AREA	OCCUPANCY
100 RETAIL SALES AREA	1,763 SQ. FT.
106 OD CORRIDOR	218 SQ. FT.
108 EMPLOYEE AREA (BOH)	68 SQ. FT.
109 ELECTRICAL ROOM	52 SQ. FT.
110 UNISEX TOILET ROOM #2	55 SQ. FT.
111 UNISEX TOILET ROOM #1	55 SQ. FT.
112 ALCOVE	67 SQ. FT.
113 URGENT CARE LAB	157 SQ. FT.
SUBTOTAL A:	2,435 SQ. FT.
OPTOMETRY AREA	OCCUPANCY
101 OD RECEPTION AREA	182 SQ. FT.
102 CONTACT LENS	113 SQ. FT.
103 PRETEST #1	134 SQ. FT.
104 EXAM #1	145 SQ. FT.
105 FUTURE EXAM	145 SQ. FT.
107 BUSINESS OFFICE	66 SQ. FT.
PERIMETER WALLS	73 SQ. FT.
SUBTOTAL B:	940 SQ. FT.
A+B SUBTOTAL:	3,293 SQ. FT.
LEASE SPACE TOTALS:	3,293 SQ. FT.
	45.08 OCCUPANTS 46 OCCUPANTS
EGRESS WIDTH PER OCCUPANT: 0.2 INCHES PER PERSON 1) EGRESS COMPONENTS SPRINKLERED 0.2 INCHES PER OCCUPANT x 46 OCCUPANTS = 9.2 INCHES (REQUIRED) 2) ACTUAL WIDTH PROVIDED: THROUGH ENTRY (1) PAIR 3'-0" DOORS = 68" CLEAR THROUGH REAR DOOR (1) 3'-0" DOOR = 34" CLEAR	
TABLE 1006.2.1 SPACES WITH ONE EXIT ACCESS DOORWAY: "M" 49 Occupants TABLE 1006.3.2 MINIMUM NUMBER OF EXITS: 1-500 Occupants / 2 Exits required 1007.1.1 (2) TWO EXIT ACCESS DOORWAYS: Where sprinklered Not located less than one-third of the overall diagonal dimension of the area being served. TABLE 1017.2 EXIT ACCESS TRAVEL DISTANCE: (M) 250 feet sprinklered / (B) 300 feet sprinklered 1018.3 AISLE SPACING (M&B) 44" min. 1020.4 DEAD ENDS: no dead ends in corridors more than 20 feet EXCEPTIONS: where the building is equipped through-out with automatic sprinkler system the length of the dead-end corridors shall not exceed 50 feet. 1024.2 EXIT PASSAGEWAY WIDTH: 44" Min. for occupant load of 50 or more. 36" Minimum for occupant load of less than 50	
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12	DEFERRED SUBMITTALS
FIRE ALARM FIRE SPRINKLER SIGNAGE	
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Drawings for:

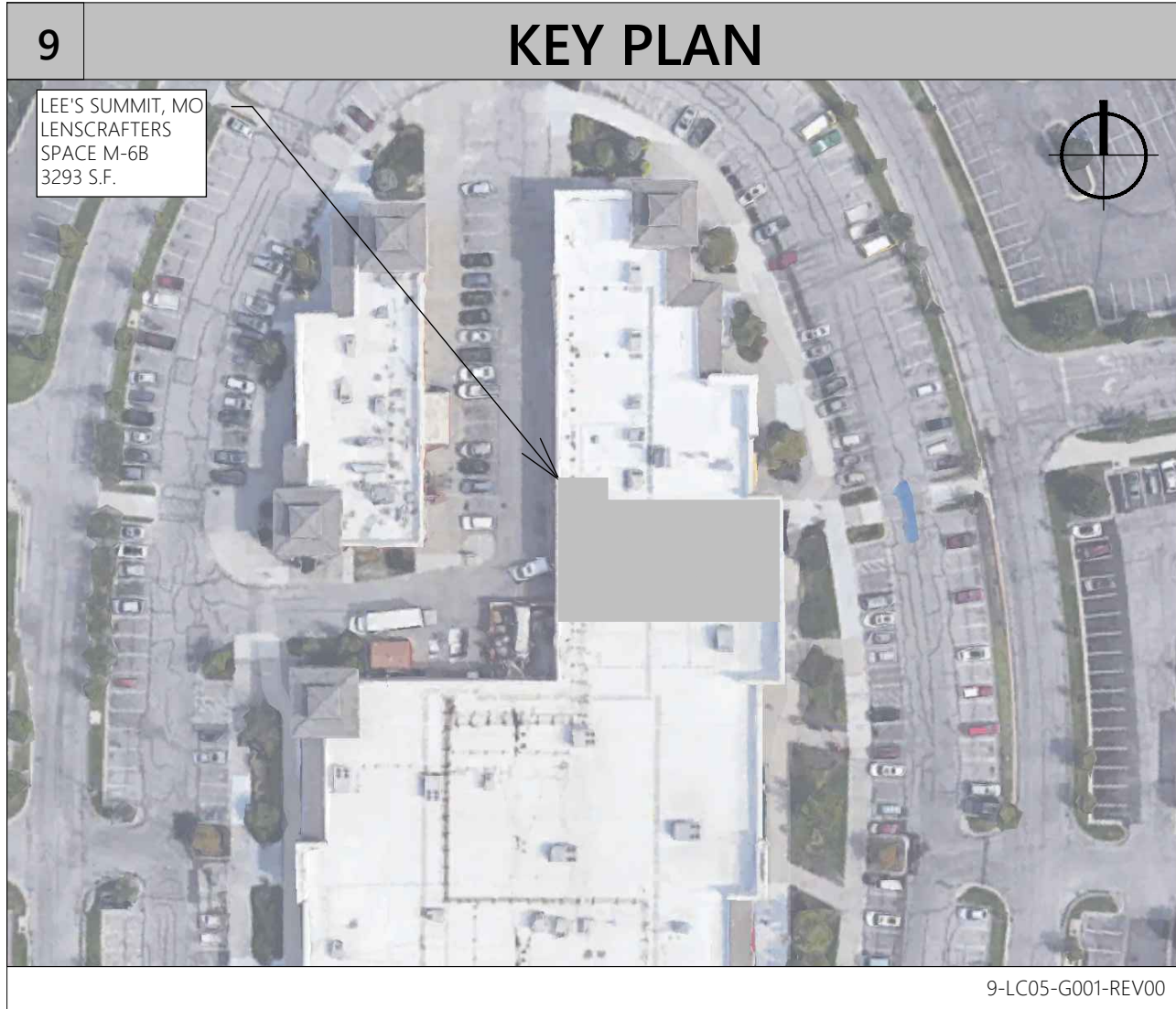
LENSCRAFTERS

A Subsidiary of the Luxottica Group

4000 Luxottica Place Mason, Ohio 45040

SUMMITWOODS CROSSING

LEE'S SUMMIT, MISSOURI



10	PROJECT DIRECTORY
NEXTORE 6 CREAMERY BROOK EAST GRANBY, CT 06026 516.393.2484	
NEXTORE 4000 LUXOTTICA PLACE MASON, OH 45040 513.765.6000	
DESIGN AND CONSTRUCTION MANAGEMENT	
NOTE: ANY QUESTIONS REGARDING THESE CONSTRUCTION DOCUMENTS SHOULD BE DIRECTED TO THE NEXTORE PROJECT PLANNER FOR APPROPRIATE DIRECTION OF COMMUNICATION.	
NEXTORE PROJECT MGR. JANIE JOANNOU JOANNOU@NEXTORERETAIL.COM	NEXTORE STORE PLANNER ANGELA MARSH (860) 431-9659 AMARSH@NEXTORERETAIL.COM
NEXTORE STORE DESIGNER CHRISTOPHER NEEB (860) 431-9656 CNEEB@NEXTORERETAIL.COM	PERMIT EXPEDITOR BURNHAM NATIONWIDE, INC. 111 W. WASHINGTON STREET, SUITE 1700 CHICAGO, IL 60602 POC: MIKE PROVENZANO MPROVENZANO@BURNHAMNATIONWIDE.COM (312) 260-7088
ARCHITECT OF RECORD JLL ARCHITECTURE, LLC AMY SUIRSEN, AIA, NCARB (718) 887-1220 AMY.SUIRSEN@AMJLL.COM 51 WEST 3RD STREET 2ND FLOOR, SUITE 201 TEMPE, AZ 85281 POC: JON H. MORTON, CM, CSBA (480) 277-4030	ENGINEER OF RECORD LEI, LLC 310 WEST 20TH STREET, SUITE 200 KANSAS CITY, MO 64108 POC: BRAD EISENBARTH, PE (816) 997-9582
10-LC05-G001-REV00	

11	SCOPE OF WORK
<ul style="list-style-type: none"><li>NEW INTERIOR PARTITION WALLS</li><li>NEW WALL, CEILING &amp; FLOOR FINISHES</li><li>NEW STOREFRONT SIGNAGE</li><li>NEW SALES AREA GYP. BD. CEILING AND LIGHTING.</li><li>ELECTRICAL WORK FOR NEW LIGHTING AND DISPLAY FIXTURES</li><li>NEW HVAC DIFFUSERS &amp; DISTRIBUTION</li><li>NEW MOP SINK</li><li>NEW RESTROOMS</li><li>NEW ELECTRICAL PANELS &amp; DISTRIBUTION</li></ul>	
11-LC05-G001-REV00	
12	DEFERRED SUBMITTALS
FIRE ALARM FIRE SPRINKLER SIGNAGE	
12-LC05-G001-REV00	

14		DRAWING INDEX	
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A401	SECTIONS & DETAILS		
A402a	LED DISPLAY WALL SECTION AND DETAILS		
A402b	SMART SHOPPER WALL SECTIONS AND DETAILS		
A403	CEILING DETAILS		
MECHANICAL, ELECTRICAL, PLUMBING			
M001	MECHANICAL DETAILS, NOTES & SCHEDULES		
M002	MECHANICAL SPECIFICATIONS		
M200	MECHANICAL PLAN		
P001	PLUMBING GENERAL NOTES & DETAILS		
P002	PLUMBING GENERAL NOTES & DETAILS		
P003	PLUMBING ISOMETRIC DIAGRAMS		
P200	PLUMBING PLAN WASTE & VENT		
P201	PLUMBING PLAN DOMESTIC WATER		
P202	PLUMBING PLAN NATURAL GAS & CONDESATE		
E001	ELECTRICAL GENERAL NOTES & DETAILS		
E002	ELECTRICAL GENERAL NOTES & DETAILS		
E003	ELECTRICAL GENERAL NOTES & DETAILS		
E004	ELECTRICAL GENERAL NOTES & DETAILS		
E005a	ELECTRICAL GENERAL NOTES & DETAILS		
E005b	ELECTRICAL GENERAL NOTES & DETAILS		
E006	TYPICAL PRETEST & OFFICE ROOMS		
E007	TYPICAL EXAM ROOM		
E008	TYPICAL CONTACT LENS ROOM		
E009	TYPICAL URGENT REPAIR LAB ROOM		
E010	TYPICAL TOILET ROOM & LIGHT FIXTURE SCHEDULE		
E200	ELECTRICAL LIGHTING PLAN		
E201	ELECTRICAL POWER/SYSTEMS PLAN		
FIRE PROTECTION			
FP200	FIRE SPRINKLER PLAN (FOR REFERENCE ONLY)		
			14-LC05-G001-REV00

RELEASED FOR CONSTRUCTION  
DESIGN & CONSTRUCTION MANAGEMENT  
Lee's Summit, Missouri  
(860) 431-9659

STORE # 1643  
SUMMITWOODS CROSSING  
1700 NW CHIPMAN RD  
LEE'S SUMMIT, MO 64081

Construction for:

LENSCRAFTERS  
A Subsidiary of the Luxottica Group  
4000 Luxottica Place Mason, Ohio 45040

Revisions:

Mark	Date	By
△	10/22/21	STAFF
△		CITY COMMENTS
△	10/29/21	STAFF
△		OWNER REVISIONS

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Seal

STATE OF MISSOURI  
AMY SUIRSEN  
11/23/21  
NUMBER  
A-2021021518  
ARCHITECT

Architect Job No.: LUX-305

Nextore Store Design Revision No:

REV 06

Nextore project Number 84169

Brand Design Type: LC06 AUGNORM

ISSUED FOR:  
☐ Construction

Title

GENERAL INFORMATION / COVER SHEET

Date 10/01/21

Sheet G001

Drawn By

Checked By STAFF JHM





STORE # 1643  
SUMMITWOODS CROSSING  
1700 NW CHIPMAN RD  
LEE'S SUMMIT, MO 64081

Construction for:

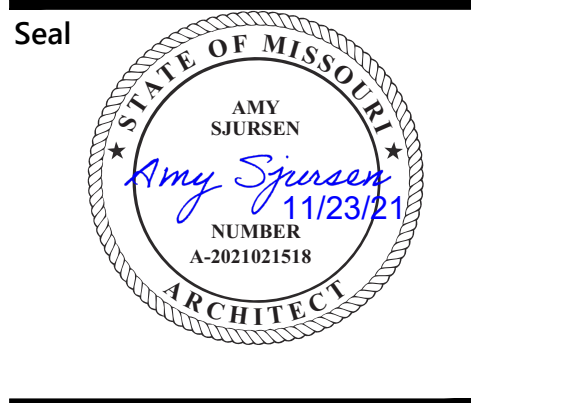
LENSCRAFTERS

A Subsidiary of the Luxottica Group  
4000 Luxottica Place Mason, Ohio 45040

Revisions:		
Mark	Date	By
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Architect Job No.: LUX-305

Nextore Store Design Revision No.:

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Brand Design Type:

LC06 AUGNORM

ISSUED FOR:

□ Construction

Title	
SPECIFICATIONS 1 OF 4	
Date 10/01/21	Sheet
Drawn By STAFF	G003
Checked By JHM	

## SPECIFICATIONS (1 OF 4)

DIVISION 01000 - GENERAL REQUIREMENTS  
01000 GENERAL NOTES  
PART 1 - GENERAL  
A. DRAWINGS AND SPECIFICATIONS ARE INTENDED TO BE COMPLEMENTARY. SPECIFIC INFORMATION MAY BE FOUND IN EITHER OR BOTH.  
B. BIDDING CONTRACTORS SHALL INCLUDE ALL LABOR, MATERIALS, SCAFFOLDING, CRANES, EQUIPMENT FASTENERS ETC. NECESSARY FOR COMPLETION AND FINAL COMPLETE TURNOVER OF AN OPERATIONAL RETAIL FACILITY.  
C. THE TENANT HAS INDICATED AN INTENTION TO USE AMERICAN INSTITUTE OF ARCHITECTS DOCUMENT A-107 "GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION" AS PART OF THE CONTRACT DOCUMENTS FOR THIS WORK.  
D. ALL PERSONS INTENDING TO PROVIDE GOODS OR SERVICES IN CONNECTION w/THE WORK ARE ADVISED TO READ AND UNDERSTAND THE APPLICABLE ADA DOCUMENTS PRIOR TO PROCEEDING.  
E. THE TENANT HAS AWARDED SEPARATE CONTRACTS FOR SOME CONSTRUCTION WORK THAT WILL BE CONDUCTED SIMULTANEOUSLY WITH WORK UNDER THIS CONTRACT. GENERAL CONTRACTOR MUST COOPERATE WITH ALL OTHER CONTRACTORS SO THAT WORK UNDER THOSE CONTRACTS MAY BE CARRIED OUT SMOOTHLY, WITHOUT INTERFERING WITH, OR DELAYING WORK UNDER THIS CONTRACT.  
F. PRIOR TO START OF CONSTRUCTION, GENERAL CONTRACTOR SHALL ARRANGE A MEETING WITH LANDLORD'S CONSTRUCTION REPRESENTATIVE TO REVIEW AND ESTABLISH ALL LANDLORD REQUIREMENTS. THIS INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING: ALL CONSTRUCTION, SCHEDULES, WORKMAN PARKING, DELIVERY AND STORAGE OF MATERIALS, SAFETY PROTECTION, TRASH REMOVAL, SECURITY, AND DOCUMENTS REQUIRED FOR FINAL LANDLORD SIGN-OFFS. GENERAL CONTRACTOR IS TO NOTIFY TENANT'S CONSTRUCTION MANAGER IMMEDIATELY OF ANY ITEM THAT MAY AFFECT THE DESIGN INTENT OF THE DRAWINGS, OR RESULT.  
G. ANY ITEMS DIRECTED BY LANDLORD, INSPECTORS, OR ANY OTHER AUTHORITY THAT AFFECTS THE DESIGN INTENT OF THE DRAWINGS, OR RESULTS IN ADDITIONAL COSTS OR SCHEDULE DELAYS SHOULD NOT BE PERFORMED UNTIL RECEIPT OF APPROVAL BY TENANT'S CONSTRUCTION MANAGER. ALL CHANGES MUST IMMEDIATELY BE SUBMITTED IN WRITING TO TENANT'S CONSTRUCTION MANAGER FOR REVIEW. SUBMISSION SHALL INCLUDE A GENERAL DESCRIPTION OF THE WORK REQUESTED, SIGNED BY THE REQUESTING AUTHORITY. IN ADDITION, SUBMISSION MUST INCLUDE A COST BREAKDOWN AND THE IMPACT TO THE CONSTRUCTION SCHEDULE.

01005 CONTRACTORS USE OF THE PREMISES.  
PART 1 - GENERAL  
A. THE GENERAL CONTRACTOR AND ALL CONTRACTORS BIDDING ON THIS PROJECT SHALL VISIT THE JOB SITE TO FAMILIARIZE THEMSELVES WITH ACTUAL JOB CONDITIONS AND TO CHECK FOR ANY INTERFERENCE BETWEEN THEIR WORK AND THAT OF OTHER TRADES AND/OR APPARENT VIOLATIONS OF LOCAL, STATE, OR FEDERAL CODES, LAWS, ORDINANCES, AND REGULATIONS BEFORE ENTERING INTO A CONTRACT WITH EITHER THE GENERAL CONTRACTOR AND/OR TENANT.  
1. ALL ITEMS SHALL BE INCLUDED IN THE BASE BID TO ACHIEVE THE FINAL PRODUCT INDICATED IN DRAWINGS. THIS INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING: CONCRETE FLOOR PREP, FLOOR SLAB X-RAYING, DEMISING WALL GYPSUM BOARD EXTENT AND CONDITION, REQUIRED FIRE PROOFING, ELECTRICAL PANELS, ELECTRICAL, WATER, SEWER, VENTS AND TELEPHONE CONDUITS, ANY LANDLORD REQUIRED FIRE PROTECTION SYSTEM OR TIE-INS TO BLDG. MANAGEMENT SYSTEMS, FIRE EXTINGUISHERS, AND STRUCTURAL REQUIREMENTS FOR TENANT'S EQUIPMENT.  
2. GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT AND TENANT IN WRITING BEFORE ENTERING INTO A CONTRACT WITH THE TENANT IF ANY INTERFERENCE OR VIOLATIONS APPEAR AND DEPARTURE FROM THE DESIGN INTENT OF THE DOCUMENTS IS REQUIRED.  
3. FAILURE TO PROVIDE ARCHITECT AND TENANT'S CONSTRUCTION MANAGER WITH THE AFOREMENTIONED NOTIFICATION SHALL RESULT IN THE GENERAL CONTRACTOR BEING HELD RESPONSIBLE TO COMPLETE ALL WORK REQUIRED TO MEET THE DESIGN INTENT OF THE CONTRACT DOCUMENTS AT HIS/HER OWN COSTS WITH NO ADDITIONAL EXPENSES (EXTRAS) BEING INCURRED BY THE TENANT. EXTRAS WILL NOT BE ALLOWED FOR JOB SITE CONDITIONS THAT WERE READILY VISIBLE OR DETERMINED.  
4. ALL SUB TRADES SHALL COORDINATE THEIR WORK WITH THE WORK OF OTHERS OR WITH EXISTING CONDITIONS OCCURRING ABOVE OR BELOW THE LEASED PREMISES AND SHALL MAKE CHANGES FROM TIME TO TIME AS REQUESTED TO ACCOMMODATE SUCH WORK OR CONDITIONS AT NO CHARGE TO TENANT.  
5. CONTRACTORS SIGNS OR SIGNS OF ANY KIND MAY NOT BE DISPLAYED ON BARRICADES  
6. THE G.C. SHALL BUILD ON SITE A TEMPORARY LOCKABLE STORAGE AREA. G.C. SHALL ACCEPT ALL TENANT SUPPLIED ITEMS AND STORE THEM SAFELY IN SUCH SPACE.  
A. LAYOUT OF WORK  
1. IMMEDIATELY AFTER DEMOLITION, GENERAL CONTRACTOR TO ADVISE TENANT OF ANY DISCREPANCIES IN OVERALL WIDTH, LENGTH, AVAILABLE CEILING HEIGHTS, COLUMN LOCATIONS, STOREFRONT, UTILITY LOCATIONS, ETC.  
2. EXERCISE PROPER PRECAUTION TO VERIFY ALL EXISTING CONDITIONS AND LAYOUT OF CONTRACTOR TO NOTIFY TENANT OF ANY DISCREPANCIES IMMEDIATELY. CONTRACTOR IS RESPONSIBLE FOR ANY ERROR RESULTING FROM FAILURE TO EXERCISE SUCH PRECAUTION. SUCH ERROR WILL NOT BE CONSIDERED SUBSEQUENTLY AS A BASIS FOR EXTRA COMPENSATION.  
3. GENERAL CONTRACTOR IS TO LAYOUT WORK AND BE RESPONSIBLE FOR ALL LINES, MEASUREMENTS OF THE BUILDING, UTILITIES, AND OTHER WORK EXECUTED UNDER THE CONTRACT.  
4. SHOULD A CONTRACTOR FIND DISCREPANCIES IN, OR OMISSIONS FROM THE DRAWINGS OR SPECIFICATIONS, OR SHOULD HE BE IN DOUBT AS TO THEIR MEANING, HE SHALL AT ONCE NOTIFY THE ARCHITECT AND TENANT.

C. CODES AND STANDARDS  
1. ALL WORK, MATERIALS, AND INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH ALL ORDINANCES, STATE AND LOCAL BUILDING CODES, LATEST EDITION. SEE TITLE SHEET FOR SPECIFIC EDITIONS.  
2. DESIGN LOADS: LOADS AND CODE RESTRICTIONS FOR ALL DESIGN CONSIDERATIONS SHALL CONFORM TO THE LOCAL AND STATE CODES AND ALL GOVERNING CODES.  
  
D. TRASH REMOVAL  
1. ALL TRADES SHALL CONFINE CONSTRUCTION WORK TO WITHIN LEASED PREMISES AS MUCH AS POSSIBLE AND SHALL WORK IN AN ORDERLY MANNER REMOVING TRASH AND DEBRIS FROM PROJECT ON A DAILY BASIS INCLUDING TRASH AND DEBRIS GENERATED BY TENANT SUPPLIED AND/OR INSTALLED ITEMS. AT NO TIME WILL PIPES, WIRES, BOARD, OR OTHER CONSTRUCTION MATERIALS CROSS PUBLIC AREAS WHERE HARM COULD BE CAUSED TO THE PUBLIC.  
2. MALL DOORS ARE NOT TO BE PROPPED OPEN BY CONSTRUCTION WORKERS AT ANY TIME.  
3. THERE WILL BE NO STORAGE OF MATERIAL OR RUBBISH IN CORRIDORS OR OTHER LANDLORDAREAS AT ANY TIME. IF DEBRIS IS FOUND IN THIS AREA, IT WILL BE REMOVED AT THE EXPENSE OF THE CONTRACTOR THAT IS RESPONSIBLE.  
4. ALL SUB TRADES SHALL COORDINATE REMOVAL OF DEBRIS AND GARBAGE GENERATED BY THEIR TRADES WITH THE G.C.  
5. THE G.C. SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL DEBRIS INCLUDING PACKAGING MATERIAL OF MILLWORK.  
  
E. ROOF CUTTING AND PATCHING  
1. CUTTING AND PATCHING FOR ALL ROOF OPENINGS SHALL BE PERFORMED BY LANDLORDS ROOFING CONTRACTOR, IF SO REQUIRED BY THE LANDLORD, ENGAGED BY TENANT'S GENERAL CONTRACTOR.  
2. THE LANDLORDS ROOFING CONTRACTOR WILL, AT SUBTRADES WRITTEN REQUEST AND COST, PROVIDE THE OPENINGS, ANCHORING DEVICES, CURBS, FLASHINGS, PATCHING, ETC., AS REQUIRED FOR TENANTS EQUIPMENT SO AS TO MAINTAIN THE INTEGRITY AND GUARANTEE OF THE ROOF. ALL SUBTRADES SHALL INCLUDE THE COST OF SUCH OPENINGS, ETC. IN THEIR PROPOSALS TO TO THE GENERAL CONTRACTOR DURING BIDDING. SUBTRADES SHALL COORDINATE WITH THE LANDLORD AND/OR ROOFING CONTRACTOR AND ALSO REIMBURSE HIM FOR SAME.  
3. ROOF REPAIRS OR PENETRATIONS REQUIRED BY REMOVAL OR RELOCATION OF EXISTING EQUIPMENT OR INSTALLATION OF NEW EQUIPMENT (CUTTING OF ROOF AND DECK MATERIAL AND/OR REPAIR OF THE SAME) SHALL BE COORDINATED WITH THE LANDLORD'S REPRESENTATIVE.  
  
F. DELIVERIES  
1. GENERAL CONTRACTOR IS RESPONSIBLE FOR UNLOADING ALL TENANT PROVIDED ITEMS AT THE JOB SITE INCLUDING A HEAVY AMOUNT OF MILLWORK WHICH IS TENANT SUPPLIED. THESE TENANT SUPPLIED ITEMS SHALL BE THE G.C.'S RESPONSIBILITY TO UNLOAD, STORE, AND DELIVER TO PROPER STORE AREAS WHEN REQUIRED. SEE TITLE SHEET, "GENERAL NOTES", FOR ADDITIONAL NOTES, PROCEDURES, AND RESPONSIBILITIES.  
2. THE GENERAL CONTRACTOR IS RESPONSIBLE TO COORDINATE ACCEPTABLE HOURS FOR DELIVERY AND LOCATION OF DELIVERY OF BUILDING PRODUCTS AND TENANTS ITEMS WITH LANDLORD'S REPRESENTATIVE.

01041 PROJECT COORDINATION  
PART 1 - GENERAL  
A. ALL PROJECT COORDINATION SHALL BE THROUGH TENANT'S CONSTRUCTION MANAGER AS LISTED ON TITLE SHEET.  
B. COMPLY WITH CONSTRUCTION MANAGER'S PROCEDURES FOR INTRA-PROJECT COMMUNICATIONS; SUBMITTALS, REPORTS AND RECORDS, SCHEDULES, COORDINATION DRAWINGS, RECOMMENDATIONS; AND RESOLUTION OF AMBIGUITIES AND CONFLICTS, INCLUDING REQUESTS FOR SUBSTITUTIONS AND CHANGE ORDERS.

01200 PRICE, PAYMENT, AND CONTRACT  
PART 1 - GENERAL  
A. BIDDING CONTRACTORS SHALL PREPARE A BID, WHICH SHALL BE SUBMITTED IN ACCORDANCE WITH INSTRUCTIONS TO BIDDERS CONTAINED WITHIN BID DOCUMENT PACKAGE.  
B. PAYMENT SCHEDULE FOR PROJECT WILL BE ON A MONTHLY SUBMITTAL OF AIA DOCUMENT #G702 AND #G703 "APPLICATION AND CERTIFICATE FOR PAYMENT" UNLESS OTHERWISE REQUESTED BY TENANT.  
C. CONTRACT SHALL BE AIA DOCUMENT #A107 "STANDARD FORM OF AGREEMENT BETWEEN OWNER AND CONTRACTOR".

01400 QUALITY/GUARANTEE  
PART 1 - GENERAL  
A. ALL WORK SHALL BE EXECUTED BY TRADESMEN AND MECHANICS QUALIFIED, THROUGH EXPERIENCE, IN THEIR RESPECTIVE TRADES. SAID CONTRACTORS SHALL REMOVE AND REPLACE WITHOUT DELAY AND WORK CONTRARY TO THE CONTRACT DOCUMENTS WHEN SPECIFICALLY DIRECTED.  
B. GENERAL CONTRACTOR AND/OR SUB CONTRACTOR SHALL GUARANTEE HIS WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE BY THE OWNER.

01426 PROCEDURES  
PART 1 - GENERAL  
A. ALL ITEMS SHALL BE INSTALLED USING STANDARD PROFESSIONAL PRACTICES USING FASTENERS, ADHESIVES AND METHODS REQUIRED BY MANUFACTURER AND INDUSTRY MANUALS.

01510 TEMPORARY UTILITIES  
PART 1 - GENERAL  
A. GENERAL CONTRACTOR TO VERIFY PROVISIONS FOR TEMPORARY UTILITIES INCLUDING ELECTRICITY, LIGHTING, HEAT, VENTILATION, TELEPHONE SERVICE, WATER AND SANITARY FACILITIES. G.C. TO INCLUDE A FULL TIME PHONE AND FAX ON SITE CAPABLE OF INCOMING CALLS DURING ENTIRE CONSTRUCTION PERIOD.

01542 CRANES AND HOISTS  
PART 1 - GENERAL  
A. GENERAL CONTRACTOR AND/OR SUB-CONTRACTOR ARE RESPONSIBLE AND SHALL INCLUDE IN THEIR BIDS ALL NECESSARY EQUIPMENT INCLUDING CRANES, HOISTS, SCAFFOLDING, PLATFORMS, ETC., REQUIRED FOR ERECTION OF BUILDING COMPONENTS, EQUIPMENT AND ALL TENANT SUPPLIED ITEMS AS LOCATED ON PLANS. CONTRACTOR SHALL PAY ALL RELATED FEES, PERMITS, ETC. PROTECTION OF THE PUBLIC AND EXISTING IN-PLACE WORK IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.

01700 CLEANING / ADJUSTING / MAINTENANCE / WARRANTIES  
PART 1 - GENERAL  
A. FINAL CLEANING  
1. REMOVE WASTE AND SURPLUS MATERIALS, RUBBISH AND CONSTRUCTION DEBRIS FROM SITE. GENERAL CONTRACTOR TO PROVIDE A PROFESSIONAL CLEANING SERVICE TO EXECUTE FINAL CLEANING PRIOR TO TURN-OVER. SEE TITLE SHEET, "GENERAL NOTES", FOR ADDITIONAL INFORMATION.  
B. ADJUSTING  
1. ADJUST OPERATING PRODUCTS AND EQUIPMENT TO ENSURE SMOOTH AND UNHINDERED OPERATION.  
C. OPERATION AND MAINTENANCE DATA  
1. SUBMIT DATA BOUND IN 8-1/2x11 INCH TEXT PAGES, THREE D SIDE RING BINDER WITH DURABLE PLASTIC COVERS.  
2. PREPARE BINDER COVER WITH PRINTED TITLE "OPERATION AND MAINTENANCE INSTRUCTIONS", WITH TITLE OF PROJECT, LOCATION AND DATE, AND SUBMIT TO TENANT'S CONSTRUCTION MANAGER.  
D. WARRANTIES AND BONDS  
1. EXECUTE AND ASSEMBLE TRANSFERABLE WARRANTY DOCUMENTS FROM SUBCONTRACTORS, SUPPLIERS, AND MANUFACTURERS.

END OF DIVISION

DIVISION 02000 - SITE WORK

02060 BUILDING DEMOLITION  
PART 1 - GENERAL  
A. SELECTIVE DEMOLITION  
1. THIS SECTION IS INCLUDED FOR GENERAL REFERENCE OF WORK TO BE REMOVED BY THE GENERAL CONTRACTOR.  
2. CONSULT DEMOLITION PLANS INCLUDED WITH PROJECT DOCUMENTS FOR ADDITIONAL NOTES AND SITE SPECIFIC ITEMS.  
3. DEMOLITION INCLUDES REMOVAL OF THE EXISTING INTERIORS, IF REQUIRED, BUT NOT LIMITED TO INTERIOR PARTITIONS, CABINETS, SUSPENDED CEILING TILE, ELECTRICAL, MECHANICAL, ETC., AS REQUIRED, AS SHOWN OR AS DIRECTED.  
4. ALL ITEMS INDICATED OR REQUIRED TO BE DEMOLISHED OR REMOVED TO BE LEGALLY DISPOSED OF IN COORDINATION AND COMPLIANCE WITH ALL LANDLORD PROCEDURES AND REGULATIONS.  
5. ALL ITEMS INDICATED TO BE RELOCATED OR REINSTALLED TO BE CLEANED, SERVICED AND PREPARED FOR PROPER RE-USE. ANY ITEMS STORED DURING CONSTRUCTION ARE TO BE PROTECTED TO AVOID DAMAGE OR THEFT  
6. ALL ITEMS INDICATED AS EXISTING TO REMAIN, SHALL BE CLEANED, SERVICED AND PREPARED FOR PROPER CONTINUED RE-USE. PROTECT ALL ITEMS SUFFICIENTLY DURING CONSTRUCTION TO AVOID DAMAGE OR THEFT.  
7. COOPERATE AND COORDINATE WITH LANDLORD, THE TENANTS OF THE ADJACENT SPACES AND THE TENANT, IN SCHEDULING WORK IN ORDER TO CAUSE THE LEAST INCONVENIENCE TO PERSONNEL AND PROPERTY.  
8. SEE MECHANICAL AND ELECTRICAL PLANS FOR SPECIFIC DEMOLITION ITEMS UNDER THOSE TRADES.

PART 2 - PREPARATION / EXECUTION  
A. ARRANGE WITH THE LANDLORD A CONVENIENT TIME TO PERFORM DEMOLITION WORK AND INSTALL TEMPORARY PROTECTED MEANS OF EGRESS FROM REQUIRED EXITS. INCLUDE TEMPORARY LIGHTING AND SAFETY DEVICES, ALL IN ACCORDANCE WITH GOVERNING STATE AND LOCAL CODES AND LAND-LORD REQUIREMENTS.  
B. THE CONTRACTOR SHALL REMOVE, REPAIR, RESTORE, AND REPLACE WHERE ANY SUCH WORK IS NECESSARY OR AS INDICATED ON THE DRAWINGS. CUT ALL NECESSARY OPENINGS, AND PATCH/REPAIR/SEAL SAME TO DEGREE NECESSARY TO SATISFY ALL REQUIREMENTS. INSOFAR AS POSSIBLE, ALL PROTRUSIONS, MARKS, CRACKS OR OTHER EVIDENCE OF A DEFICIENT OR DAMAGED CONDITION SHALL BE ELIMINATED, UNLESS SPECIFICALLY NOTED OTHERWISE. ANY PARTS WHICH ARE SPLIT, CRACKED, CHIPPED, SPALLED, BROKEN, MISSING, OR OUT OF LINE OR ADJUSTMENT, MECHANICALLY OR STRUCTURALLY UNSAFE OR UNSOUND, BENT, TORN OR OTHERWISE DEFICIENT OR INJURED IN ANY MANNER, SHALL BE REMOVED, REPLACED, RESTORED OR REPAIRED. LANDLORD'S REPRESENTATIVE, ARCHITECT, AND TENANT'S CONSTRUCTION MANAGER MUST BE NOTIFIED IMMEDIATELY OF ANY STRUCTURAL OR SAFETY DEFECTS, AND ONLY THE TENANT'S CONSTRUCTION MANAGER IF THE DEFECT(S) ARE LIMITED TO COSMETIC FINISHES.  
C. EXERCISE EXTREME CARE DURING DEMOLITION SO AS NOT TO DAMAGE OR DISRUPT ANY UTILITY OR SPRINKLER LINES WHICH MIGHT PASS THROUGH THIS SPACE TO SERVICE OTHER MALL SPACES OR TENANTS. GENERAL CONTRACTOR WILL BEAR SOLE RESPONSIBILITY OF ANY SUCH DISRUPTION OR DAMAGE.  
D. ALL ABANDONED ELECTRICAL AND TELEPHONE CONDUIT, PLUMBING LINES, DRAIN LINES, AND ALL MECHANICAL ITEMS SHALL BE CAPPED AT SOURCE AND REMOVED IN A MANNER TO MEET ALL LANDLORD AND CODE REQUIREMENTS, UNLESS DIRECTED OTHERWISE.  
E. GENERAL CONTRACTOR RESPONSIBILITIES  
1. GENERAL CONTRACTOR IS TO NOTIFY TENANT IMMEDIATELY OF ANY SEVERE DISCREPANCIES OR IRREGULARITIES DISCOVERED DURING DEMOLITION WHICH MIGHT AFFECT THE CURRENT STORE DESIGN. GENERAL CONTRACTOR IS TO PAY SPECIAL ATTENTION TO AVAILABLE HEIGHT FOR INTENDED CEILING ELEVATION, MECHANICAL DUCTWORK AND RECESSED LIGHTING.  
2. GENERAL CONTRACTOR IS TO ERECT CONSTRUCTION BARRICADES AND DEBRIS/DUCT SCREENS PER LANDLORD'S SPECIFICATIONS. CONTACT LANDLORD'S REPRESENTATIVE PRIOR TO THE COMMENCEMENT OF ALL DEMOLITION WORK.

3. GENERAL CONTRACTOR IS RESPONSIBLE FOR PATCHING, REPAIRING AND LEVELING OF THE EXISTING FLOOR SLAB, REPAIR OF DEMISING WALLS AND ROOF DECK AFTER COMPLETION OF ALL DEMOLITION AND PRIOR TO THE COMMENCEMENT OF NEW CONSTRUCTION.COORDINATE WITH LANDLORD RESPONSIBILITY IN PERFORMING ANY AND ALL ROOF WORK.

DIVISION 03000 - CONCRETE

03300 CAST-IN-PLACE CONCRETE  
PART 1 - GENERAL  
A. PROVIDE AND INSTALL CONCRETE AS INDICATED ON THE DRAWINGS.  
B. CONCRETE WORK SHALL CONFORM TO THE LATEST EDITION OF "AMERICAN CONCRETE INSTITUTE" CODES AND STANDARDS INCLUDING ACI 301, ACI 315, AND ACI 318.  
C. CONCRETE STRENGTHS ARE AS FOLLOWS: CLASS 1 3000 PSI INTERIOR SLABS (OR MIN.REQUIRED PER LANDLORD SPECIFICATIONS.)  
D. REINFORCEMENT (PER LANDLORD REQUIREMENTS)  
E. BONDING AGENT (IF REQUIRED)  
1. "SONOBOND" EPOXY CONCRETE BONDING AGENT OR EQUAL  
a. MANUFACTURER: CHEMTREX, INC.  
889 VALLEY PARK DRIVE  
SHAKOPEE, MINNESOTA 55379-1854

2. CONSULT MANUFACTURER FOR APPLICATION PROCEDURE.  
ASTM C881  
  
F. VAPOR BARRIER  
1. SLAB ON GRADES TO RECEIVE 6 MIL. CLEAR OR BLACK POLYETHYLENE FILM WITH MINIMUMOF 12" OVERLAP. TAPE ALL SEAMS.

PART 2 - PREPARATION / EXECUTION  
A. CONCRETE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR STRENGTH, CONSISTENCY PROPORTIONS AND HANDLING OF CONCRETE.  
B. VERIFY THAT COMPACTED GRANULAR BASE IS IN PLACE AND READY TO SUPPORT PAVINGAND IMPOSED LOADS.  
C. VERIFY GRADIENT AND ELEVATIONS OF BASE ARE CORRECT. THICKNESS AND REINFORCING AS SHOWN ON DRAWINGS.  
D. IMMEDIATELY AFTER PLACEMENT, PROTECT PAVEMENT FROM MECHANICAL INJURY.  
E. DEPOSIT CONCRETE WITHIN ANY ONE SECTION CONTINUOUSLY SO THAT NO CONCRETE WILL BE PLACED ON OLDER CONCRETE WHICH HAS SET SUFFICIENTLY TO RESULT IN SEAMS AND PLANES OF WEAKNESS WITHIN SECTION.  
F. PLACE SLABS FOR FULL THICKNESS IN ONE OPERATION, WITHOUT CHANGES IN PROPERTIES; SCREED TO PROPER ELEVATION; FLOAT AND LIGHTLY TROWEL. UNLESS OTHERWISE SPECIFIED, WHEN CONCRETE HAS SET SUFFICIENTLY TO RING UNDER TROWEL, GIVE SLAB SECOND TROWELING TO PRODUCE SMOOTH, DENSE SURFACE. DUSTING OF SURFACES WITH CEMENT IS PROHIBITED. % OPTIMUM DENSITY. PROVIDE MIN. 6" COMPACTED  
G. COMPACT SUB GRADE FOR SLABS ON GRADE TO 95 CRUSHED GRAVEL SUB-BASE AT ALL AREAS TO RECEIVE NEW CONCRETE.  
H. FINISHES  
1. GIVE TYPICAL INTERIOR FLOOR SLABS A STEEL TROWEL FINISH WITH CLASS A TOLERANCE (TRUE PLANES WITHIN 1/8 IN 10 FT. AS DETERMINED BY A 10 FOOT STRAIGHTEDGE PLACED ANYWHERE ON SLAB IN ANY DIRECTION).  
I. PROVIDE SAW CUT CONTROL JOINTS 1/8" WIDTH x 1" DEEP AT MAXIMUM 400 SQUARE FOOT AREA.  
J. APPLY BONDING AGENT (AS SPECIFIED) TO ADJACENT CONCRETE SURFACES IMMEDIATELY PRIOR TO PLACEMENT OF CONCRETE.  
K. EXPANSION JOINT MATERIAL: 1/2" PRE MOLDED ASPHALT IMPREGNATED FIBERBOARD, SAME DEPTH AS CONCRETE.

03732 CONCRETE REPAIR  
PART 1 - GENERAL  
A. THE EXTENT OF CONCRETE REPAIR WORK INCLUDES REMAINING FLOOR AREAS AFTERDEMOLITION PROVIDING A LEVEL FLOOR THROUGHOUT TO RECEIVE FUTURE FINISHES.  
B. COMPLY WITH MANUFACTURER'S REQUIREMENTS FOR INSTALLATION OF ITEMS AND FINISHES BY OTHER TRADES, INCLUDING THOSE ITEMS AND FINISHES PROVIDED AND/OR INSTALLED BY TENANT.  
C. FLOOR LEVELER CONCRETE TO BE INSTALLED AT LOW AREAS, HOLES AND DEPRESSIONS. PATCH CRACKS AND BROKEN CONCRETE WITH FLOOR PATCH TROWELED SMOOTH IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND LANDLORD SPECIFICATIONS. UNDERLAYMENT COMPOUND TO BE FREE FLOWING, SELF-LEVELING, PUMPABLE, AND CEMENT-BASED FOR APPLICATIONS FROM ONE INCH THICK TO FEATHERED EDGES.

PART 2 - PREPARATION / EXECUTION  
A. CONCRETE REPAIR  
1. DO NOT PROCEED WITH WORK UNTIL VISITING THE SITE AND DETERMINING CONDITIONS TO DECIDE METHODS OF REPAIR. COORDINATE WITH TENANT'S CONSTRUCTION MANAGER.  
2. REMOVE AND DISPOSE OF EXISTING FLOOR FINISHES WHERE INDICATED ON DEMOLITION PLAN.  
3. THOROUGHLY CLEAN FLOOR SLAB REMOVING CONDITIONS THAT WILL AFFECT BOND INCLUDING RESIDUE FROM REMOVAL OF ADHESIVES, UNDERLAYMENTS, STAINS, OILS, ETC.  
4. REMOVE HIGH FLOOR LEVELS AND LOOSE CONCRETE.  
5. ROUGH IN CONCRETE IN AREAS WHERE PATCHING IS REQUIRED, SUCH AS CRACKED, SPALLED, OR HOLES DUE TO REMOVAL OF EXISTING WORK.  
6. GRIND HIGH SPOTS.  
7. AT LOCATIONS OF CONSTRUCTION JOINTS IN EXISTING SLAB, CONTINUE JOINTS THROUGH NEW FLOOR IN LEVELING AREA. SAW CUT JOINT OR PLACE 1/16" WIDE METAL BAR IN THE JOINT LOCATION COINCIDENT WITH EXISTING.  
8. TRENCH ONLY AT SLAB ON GRADE. VERIFY AND GET APPROVAL OF TRENCH OR CORE LOCATIONS WITH THE LANDLORDS REPRESENTATIVE AND MALL STRUCTURE PRIOR TO COMPLETING ANY WORK. CORES TO BE SEALED WATERPROOF. SEE SECT. 07200 "INSULATION AND WATERPROOFING" FOR ADDITIONAL WATERPROOFING INFORMATION.  
CLEAN AREAS REMOVING ALL WASTE MATERIAL, BROOM CLEAN.

DIVISION 04000 - MASONRY  
NO WORK UNDER THIS SECTION

DIVISION 05000 - METALS  
05120 STRUCTURAL STEEL  
PART 1 - GENERAL  
A. PROVIDE ALL LABOR, MATERIAL AND EQUIPMENT NECESSARY FOR COMPLETE INSTALLATION OF STEEL FRAMING AND SUPPORT MEMBERS, ANGLES, PLATES, ANCHOR BOLTS REQUIRED FOR THE CONNECTION, SETTING AND BEARING OF COMPLETE STRUCTURE AS SHOWN ON THE DRAWINGS OR SPECIFIED HEREIN.  
B. SEE STRUCTURAL DOCUMENTS FOR ADDITIONAL SPECIFICATIONS / STANDARDS.  
C. THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE PROJECT IS FULLY COMPLETED. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURE AND SEQUENCE AND TO INSURE STABILITY OF THE BUILDING AND ITS COMPONENT PARTS AND ADEQUACY OF TEMPORARY SUPPORT DURING ERECTION. THIS INCLUDES THE ADDITION OF WHATEVER TEMPORARY BRACING, GUY OR TIE DOWNS MIGHT BE NECESSARY. SUCH MATERIAL IS NOT SHOWN ON DRAWINGS. IF APPLIED, THEY SHALL BE REMOVED AS CONDITIONS PERMIT AND SHALL REMAIN CONTRACTOR'S PROPERTY.  
D. PROVIDE OPENINGS AND SPECIAL FRAMING REQUIRED BY OTHER TRADES. MECHANICAL FRAMING LOADS, OPENINGS, AND STRUCTURE RELATED TO MECHANICAL REQUIREMENTS ARE SHOWN FOR BIDDING PURPOSES ONLY. CONTRACTOR SHALL OBTAIN WRITTEN SIGN-OFF FROM MECHANICAL AND OTHER TRADES FOR SPECIFIC REQUIREMENTS BEFORE PROCEEDING WITH SUCH WORK. ARCHITECT'S OR ENGINEER'S APPROVAL OF ERECTION AND SHOP DRAWINGS SHALL NOT RELIEVE CONTRACTOR FROM THIS RESPONSIBILITY.  
E. VERIFY THE EXACT SIZE AND LOCATION OF ALL OPENINGS PRIOR TO FABRICATION OF STEEL FRAMING MEMBERS.  
F. SHOP DRAWINGS: SUBMIT SHOP DRAWINGS TO ARCHITECT INDICATING SHOP AND ERECTION DETAILS, INCLUDING CUTS, CONNECTIONS, HOLES, THREADED FASTENERS AND WELDS.  
G. PRE-ASSEMBLE ITEMS IN SHOP TO GREATEST POSSIBLE EXTENT TO MINIMIZE FIELD SPLICING AND ASSEMBLY. DISASSEMBLE UNITS ONLY AS NECESSARY FOR SHIPPING AND HANDLING LIMITATIONS. CLEARLY MARK UNITS FOR RE-ASSEMBLY AND COORDINATE INSTALLATION.  
H. WELDING PROCEDURES, WELDERS, WELDING OPERATIONS AND TACKERS SHALL BE QUALIFIED IN ACCORDANCE WITH AWS-D1.1- "STRUCTURAL WELDING CODE".  
I. FABRICATOR SHALL BE A MEMBER OF AMERICAN INSTITUTE OF STEEL CONSTRUCTION.  
J. FABRICATE STRUCTURAL STEEL IN ACCORDANCE WITH AISC "SPECIFICATIONS FOR DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" AND "CODE OF STANDARD PRACTICE".

1. UNLESS OTHERWISE SHOWN, FABRICATOR SHALL DESIGN / DETAIL CONNECTIONS IN CONFORMANCE WITH AISC STANDARD FOR FORCES AND MOMENTS SHOWN.  
2. WHERE FASTENING SPACINGS OR SIZES ARE NOT SHOWN, CONTRACTOR SHALL USE SPACINGS AND SIZES OF BOLTS, SCREWS, WELDS, ETC., WHICH WILL DEVELOP THE FULL STRENGTH OF THE MEMBERS BEING FASTENED. THUS FAILURE DUE TO OVER-STRESSING MUST OCCUR IN THE MEMBERS BEFORE OCCURRING IN THE FASTENINGS.  
PART 2 - PREPARATION / EXECUTION  
A. PRE-ASSEMBLE ITEMS IN SHOP TO GREATEST POSSIBLE EXTENT TO MINIMIZE FIELD SPLICING AND ASSEMBLY. DISASSEMBLE UNITS ONLY AS NECESSARY FOR SHIPPING AND HANDLING LIMITATIONS. CLEARLY MARK UNITS FOR RE-ASSEMBLY AND COORDINATE INSTALLATION.  
B. SHOP CONNECTIONS SHALL BE WELDED.  
C. FIELD CONNECTIONS: HIGH STRENGTH FASTENERS SHALL BE USED FOR BOLTED CONNECTIONS.  
1. STRUCTURAL STEEL FY 36 KSI STEEL, ASTM A36.  
2. STRUCTURAL STEEL TUBING: FY 46 KSI COLD-FORMED TUBING EXCEPT ROUND, ASTM A500-68, GRADE B.  
3. STEEL PIPE: ASTM A53, GRADE B.  
4. ANCHOR BOLT: CONFORM TO ASTM A307.  
5. WELDING ELECTRODES: ASTM A233, E-70 OR BETTER.  
6. HIGH STRENGTH THREADED FASTENERS: ASTM A325 OR A-490.  
7. METAL STUDS: SIZE ACCORDING TO CONSTRUCTION DOCUMENTS x 20 GAUGE STEEL AT 16" O.C. TRACKS TO BE ANCHORED BY MEDIUM POWER ACTUATED FASTENERS @ 24" O.C.  
8. EXTERIOR / INTERIOR METAL STUDS: SIZE ACCORDING TO CONSTRUCTION DOCUMENTS x 25 GAUGE AT 16" O.C..  
9. SHOP PAINT PRIMER: STANDARD PRIMER:  
a. SSPC PAINT 15  
b. TNE MEC 1009 GRAY METAL PRIMER  
c. MARTIN-SENOUR CO. #664 RED OXIDE ZINC CHROMATE PRIMER  
d. PRATT AND LAMBERT NOXIDE 107, ONE DAY PRIMER-GRAY. E. STEEL SHALL BE CLEAN AND FREE FROM OIL, DIRT, LOOSE MILL SCALE AND ANY OTHER SUBSTANCE THAT WOULD IMPAIR WELDING, PERFORMANCE OF FRICTION-TYPE BOLTED.

05400 METAL FRAMING  
LIGHT GAUGE (COLD-FORMED) METAL FRAMING  
PART 1 - GENERAL  
A. FURNISH AND INSTALL A COMPLETE SYSTEM OF LIGHT GAUGE FRAMING MEMBERS FOR INTERIOR WALL PARTITIONS AND CEILING SUSPENSION COMPONENTS.  
1. SYSTEM TO INCLUDE ALL TOP AND BOTTOM RUNNERS, BRACES, CLIP ANGLES, ACCESSORIES, FASTENERS, ETC. FOR EACH TYPE OF FRAMING AS SHOWN ON DRAWINGS.  
a. INSTALL METAL FRAMING SYSTEMS IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS AND RECOMMENDATIONS.  
b. QUALITY ASSURANCE - DESIGN AND ANALYSIS OF STRUCTURAL PROPERTIES SHALL COMPLY WITH AISI "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STRUCTURAL STEEL MEMBERS".  
C. MATERIALS:  
1. 18 GAUGE AND LIGHTER COMPONENTS: FABRICATE COMPONENTS OF COMMERCIAL QUALITY STEEL SHEET, ASTM A446 FOR GALVANIZED FINISH WITH A MINIMUM YIELD POINT OF 33,000 PSI.

SPECIFICATIONS (2 OF 4)

2. 16 GAUGE AND HEAVIER COMPONENTS: FABRICATE COMPONENTS OF STRUCTURAL QUALITY STEEL SHEET, ASTM A446 FOR GALVANIZED FINISH WITH A MINIMUM YIELD POINT OF 50,000 PSI.

3. METAL STUDS: AISI "C" TYPE STRUCTURAL STUDS; SIZES, GAUGES AND SPACINGS SHOWN OR REQUIRED IF NOT SHOWN: WITH 1-5/8" (41MM) MINIMUM FLANGE WIDTH, 1/2" (13MM) MINIMUM RETURNS AND PRE-PUNCHED HOLES FOR UTILITY INSTALLATION.

a. 18-22 GAUGE (0.05" / 1.2MM - 0.03" / 0.8MM): ASTM A446/A446M GRADE A; MINIMUM YIELD STRESS OF 33 KSI (228 MPA).

b. 12-16 GAUGE (0.11"/2.7MM - 0.06"/1.5MM): ASTM A446/A446M GRADE A; MINIMUM YIELD STRESS OF 40 KSI (276 MPA).

4. TRACK: ASTM A446/A446M GRADE A; MINIMUM YIELD STRESS OF 33 KSI (228 MPA); FORMED STEEL: CHANNEL SHAPED; SAME WIDTH AND GAUGE AS ADJACENT STUDS. EXCEPTION: TOP AND BOTTOM TRACK (RUNNERS) REQUIRING ATTACHMENT OF METAL PANELS SHALL BE MINIMUM 14 GAUGE (0.08"/1.9MM).

5. FASTENINGS:

a. MANUFACTURER'S RECOMMENDED SELF-DRILLING, SELF-TAPPING SCREWS, BOLTS, NUTS AND WASHERS. NON-CORROSIVE.

b. ANCHORAGE DEVICES: POWER ACTUATED FASTENERS, DRILLED EXPANSION BOLTS, OR SCREW WITH SLEEVES.

c. WELDING: COMPLY WITH AWS D1.1 "STRUCTURAL WELDING CODE".

A. MANUFACTURERS:

1. MILCOR / DIVISION OF INRYCO, INC. BY BOSTWICK STEEL FRAMING, THE CECO ALLIED STRUCTURAL INDUSTRIES; DIETRICH INDUSTRIES OR EQUAL.

06100 WOOD BLOCKING AND CURBING

PART 1 - GENERAL

A. PROVIDE AND INSTALL WOOD FURRING, BLOCKING, GROUNDS AND IN-WALL BLOCKING FOR SUPPORT OF GRAB BARS, FIXTURES, EQUIPMENT, CASEWORK, HARDWARE, TRIM AND SIMILAR WORK.

1. BLOCKING AND GROUNDS AT STOREFRONT GLAZING , LOCATIONS AT WEATHER AREAS, AND IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED.

2. USE NON-COMBUSTIBLE FIRE RETARDANT TREATED (F.R.T.) WOOD ELSEWHERE AS REQUIRED BY STATE AND LOCAL CODES, INCLUDING ANY WOOD STUDS, BLOCKING, FURRING, PLYWOOD, TRIM AND GROUNDS. NEW LUMBER TO BEAR GRADE AND TREATMENT OF ASSOCIATION UNDER WHICH IT WAS PRODUCED.

a. PRESERVATIVE TREATMENT FOR WOOD SPECIFIED ELSEWHERE.

1) PERFORMANCE REQUIREMENTS:

a) MOISTURE CONTENT: AFTER TREATMENT, THE MAXIMUM MOISTURE CONTENT OF WOOD MATERIALS SHALL NOT EXCEED THE FOLLOWING:

i. LUMBER, 2 INCHES AND LESS IN THICKNESS: 19 PERCENT.

ii. PLYWOOD: 15 PERCENT

b) FLAME SPREAD: FIRE RETARDANT TREATED MATERIALS TO HAVE FLAME SPREAD RATING OF 25 OR LESS IN A 30 MINUTE TEST WITH NO EVIDENCE OF SIGNIFICANT PROGRESSIVE COMBUSTION, ASTM E 84, ADDITIONALLY, FLAME FRONT NOT TO PROGRESS MORE THAN 10 1/2 FEET BEYOND CENTER LINE OF BURNER AT ANY TIME.

c) SMOKE DEVELOPED: INTERIOR FINISH AND TRIM MATERIALS, WHERE SPECIFIED, TO HAVE FIRE RETARDANT TREATMENT CONFORMING TO ABOVE REQUIREMENTS FOR "FLAME SPREAD" PLUS SMOKE DEVELOPED RATING OF 25 OR LESS, ASTM E 84.

b. CERTIFICATES: FURNISH AFFIDAVIT IF REQUIRED BY CODE OFFICIAL STATING THAT MATERIALS HAVE BEEN TREATED IN ACCORDANCE WITH SPECIFICATIONS AND THAT MOISTURE CONTENT, AFTER TREATMENT, DOES NOT EXCEED SPECIFIED LIMITS; INCLUDE CHEMICAL USED AND RETENTION OBTAINED FOR PRESSURE TREATED MATERIAL. INCLUDE THE "QUALITY MARK" OF ASSOCIATION HAVING JURISDICTION OVER THE TREATMENT.

c. DELIVER TREATED MATERIALS BUNDLED AND MARKED TO IDENTIFY TREATMENT.

d. STORE TREATED MATERIALS FOR EASY IDENTIFICATION AND PROTECT FROM MOISTURE; PROVIDE WELL VENTILATED DRY STORAGE.

e. HANDLE TREATED MATERIALS IN ACCORDANCE WITH AWPA STANDARDS, IN ADDITION TO USED IN TREATMENT, FURNISH ADDITIONAL MATERIAL FOR FIELD TREATMENT \ MATERIAL OF CUTS.

f. FIELD CUTS AND HOLES: FIELD-TREAT IN ACCORDANCE WITH AWPA M-4.

3. TELEPHONE AND ELECTRICAL PANEL BACK BOARDS.

06100 WOOD BLOCKING AND CURBING

PART 1 - GENERAL

A. PROVIDE AND INSTALL WOOD FURRING, BLOCKING, GROUNDS AND IN-WALL BLOCKING FOR SUPPORT OF GRAB BARS, FIXTURES, EQUIPMENT, CASEWORK, HARDWARE, TRIM AND SIMILAR WORK.

1. BLOCKING AND GROUNDS AT STOREFRONT GLAZING , LOCATIONS AT WEATHER AREAS, AND IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED.

2. USE NON-COMBUSTIBLE FIRE RETARDANT TREATED (F.R.T.) WOOD ELSEWHERE AS REQUIRED BY STATE AND LOCAL CODES, INCLUDING ANY WOOD STUDS, BLOCKING, FURRING, PLYWOOD, TRIM AND GROUNDS. NEW LUMBER TO BEAR GRADE AND TREATMENT OF ASSOCIATION UNDER WHICH IT WAS PRODUCED.

a. PRESERVATIVE TREATMENT FOR WOOD SPECIFIED ELSEWHERE.

1) PERFORMANCE REQUIREMENTS:

a) MOISTURE CONTENT: AFTER TREATMENT, THE MAXIMUM MOISTURE CONTENT OF WOOD MATERIALS SHALL NOT EXCEED THE FOLLOWING:

i. LUMBER, 2 INCHES AND LESS IN THICKNESS: 19 PERCENT.

ii. PLYWOOD: 15 PERCENT

b) FLAME SPREAD: FIRE RETARDANT TREATED MATERIALS TO HAVE FLAME SPREAD RATING OF 25 OR LESS IN A 30 MINUTE TEST WITH NO EVIDENCE OF SIGNIFICANT PROGRESSIVE COMBUSTION, ASTM E 84, ADDITIONALLY, FLAME FRONT NOT TO PROGRESS MORE THAN 10 1/2 FEET BEYOND CENTER LINE OF BURNER AT ANY TIME.

c) SMOKE DEVELOPED: INTERIOR FINISH AND TRIM MATERIALS, WHERE SPECIFIED, TO HAVE FIRE RETARDANT TREATMENT CONFORMING TO ABOVE REQUIREMENTS FOR "FLAME SPREAD" PLUS SMOKE DEVELOPED RATING OF 25 OR LESS, ASTM E 84.

b. CERTIFICATES: FURNISH AFFIDAVIT IF REQUIRED BY CODE OFFICIAL STATING THAT MATERIALS HAVE BEEN TREATED IN ACCORDANCE WITH SPECIFICATIONS AND THAT MOISTURE CONTENT, AFTER TREATMENT, DOES NOT EXCEED SPECIFIED LIMITS; INCLUDE CHEMICAL USED AND RETENTION OBTAINED FOR PRESSURE TREATED MATERIAL. INCLUDE THE "QUALITY MARK" OF ASSOCIATION HAVING JURISDICTION OVER THE TREATMENT.

c. DELIVER TREATED MATERIALS BUNDLED AND MARKED TO IDENTIFY TREATMENT.

d. STORE TREATED MATERIALS FOR EASY IDENTIFICATION AND PROTECT FROM MOISTURE; PROVIDE WELL VENTILATED DRY STORAGE.

e. HANDLE TREATED MATERIALS IN ACCORDANCE WITH AWPA STANDARDS, IN ADDITION TO USED IN TREATMENT, FURNISH ADDITIONAL MATERIAL FOR FIELD TREATMENT \ MATERIAL OF CUTS.

f. FIELD CUTS AND HOLES: FIELD-TREAT IN ACCORDANCE WITH AWPA M-4.

TELEPHONE AND ELECTRICAL PANEL BACK BOARDS.

PART 2 - PREPARATION / EXECUTION

A. SET MEMBERS LEVEL AND PLUMB, IN CORRECT POSITION.

B. COORDINATE PARAPET AND FLASHING NAILER INSTALLATION WITH INSTALLATION OF ROOFING. SEE SECTION 01005, E, "ROOF CUTTING AND PATCHING".

C. INSTALL TELEPHONE AND ELECTRICAL PANEL BACK BOARDS WITH PLYWOOD SHEATHING MATERIAL WHERE REQUIRED. SIZE THE BACK BOARD BY 12 INCHES BEYOND SIZE OF ELECTRICAL PANEL.

06210 MILLWORK AND FINISH CARPENTRY

PART 1 - GENERAL

A. FURNISH AND INSTALL FINISHED TRIM, CABINETY, COUNTERS, DOORS, AND ALL FINISH ITEMS SUCH AS LAMINATES AND FINISH DOOR HARDWARE, AS INDICATED AND DETAILED ON PLANS.

b. SEE DRAWINGS AND RESPONSIBILITY SCHEDULE FOR DETAILS, SIZES, DIMENSIONS.

C. FOLLOW AWI (ARCHITECTURAL WOODWORK INSTITUTE) ARCHITECTURAL WOODWORK QUALITY STANDARDS.

PART 2 - PREPARATION / EXECUTION

A. DO NOT DELIVER OR INSTALL ITEMS UNTIL BUILDING AND ROOMS RECEIVING SUCH ARE COMPLETED AND THOROUGHLY DRY AND FREE OF EXCESSIVE MOISTURE.

B. MILLWORK AND CABINETY MAY BE SHOP OR FIELD ASSEMBLED AT CONTRACTORS OPTION.

C. INSTALL ITEMS IN A RIGID, STRAIGHT, PLUMB, LEVEL MANNER ACCURATELY FITTED AND SCRIBED TO ABUTTING SURFACES.

D. COUNTERSINK NAILS AND SCREW HEADS AND PATCH AND SAND SMOOTH.

E. CUTTING AND REPAIRING OF THIS WORK FOR ACCOMMODATION OF WORK BY OTHERS SHALL BE DONE AS PART OF MILLWORK RESPONSIBILITY.

F. FINISH WOODWORK SHALL BE DRESSED AND SANDED, FREE FROM MACHINE AND TOOL MARKS, ABRASIONS, RAISED GRAIN OR OTHER DEFECTS.

G. PROTECT FINISHED WORK UNTIL ACCEPTANCE BY TENANT.

06424 LAMINATES

PART 1 - GENERAL

A. INSTALL HIGH PRESSURE LAMINATES AS SPECIFIED IN FINISH SCHEDULE AND AS DETAILED IN DRAWINGS.

PART 2 - PREPARATION / EXECUTION

A. FOLLOW MANUFACTURERS GUIDELINES AND RECOMMENDATIONS FOR ADHESIVE AND SUBSTRATE PREPARATION.

B. SEE MILLWORK SECTION FOR TYPICAL NOTES AND REFERENCES.

END OF DIVISION

DIVISION 07000 - THERMAL AND MOISTURE PROTECTION

07200 INSULATION AND WATERPROOFING

PART 1 - GENERAL

A. FOR INSULATION REQUIRED AT DUCKWORK, PLUMBING LINES, ETC. SEE MECHANICAL / ELECTRICAL SPECIFICATIONS AND DRAWINGS.

B. BATT INSULATION

1. FURNISH AND INSTALL 3 1/2" MIN. THERMAL BATT TYPE INSULATION AT EXTERIOR WALLS OR AS SOUND ATTENUATION BLANKET WHERE SHOWN AND AS SPECIFIED ON DRAWINGS.

2. EXTEND FROM FLOOR TIGHT TO ROOF DECK ABOVE.

3. FURNISH AND INSTALL .004 MIL. VISQUEEN VAPOR BARRIER AT EXTERIOR WALLS ON WARM SIDE OF STUDS.

C. GENERAL CONTRACTOR TO PROVIDE AND INSTALL WATERPROOFING MEMBRANE OVER ENTIRE FLOOR OF REST ROOMS BELOW FINISH FLOORING AND UP WALL A MIN. 4". (ONLY WHERE REST ROOMS ARE LOCATED ABOVE ANOTHER FLOOR) APPLY PER MANUFACTURERS INSTRUCTIONS AND CAULK AS REQ'D. TO MATCH ADJACENT FINISHES.

D. G.C. SHALL SLEEVE, FIRESTOP, FLASH AND CAULK ALL PENETRATIONS OF FLOORS SO THAT ODORS OR LIQUIDS WILL NOT PENETRATE THE SLAB AT THESE OPENINGS. SUCH SLEEVES SHALL BE INSTALLED ACCORDING TO THE LANDLORD STANDARD DETAILS

07900 JOINT SEALERS / CAULKING

PART 1 - GENERAL

A. PROVIDE AND INSTALL EXPANSION JOINT MATERIAL, SEALANTS AND JOINT BACKING FOR JOINTS BETWEEN DISSIMILAR MATERIALS.

1. SILICONE SEALANTS (TYPE S): ASTM C920, SINGLE COMPONENT, NON-SAGGING, NON-STAINING, NON-BLEEDING; FOR USE AS GENERAL CAULKING. COLOR TO MATCH ADJACENT SURFACES. MANUFACTURER BY GE SILICONES OR EQUAL.2. JOINT BACKING: ROUND, OPEN CELL POLYETHYLENE FOAM ROD.

PART 2 - PREPARATION / EXECUTION

A. REMOVE LOOSE MATERIALS AND FOREIGN MATTER WHICH MIGHT IMPAIR ADHESION OF SEALANT.

B. CLEAN AND PRIME JOINTS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

C. PROTECT ELEMENTS SURROUNDING THE WORK OF THIS SECTION FROM DAMAGE OR DISFIGURATION.

D. INSTALL SEALANT IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

E. INSTALL JOINT BACKING.

F. APPLY SEALANT WITHIN RECOMMENDED APPLICATION TEMPERATURE RANGES. CONSULT MANUFACTURER WHEN SEALANT CANNOT BE APPLIED WITHIN THESE TEMPERATURE RANGES.

END OF DIVISION

DIVISION 08000 - DOORS AND WINDOWS

08100 HOLLOW METAL DOORS AND FRAMES

PART 1 - GENERAL

A. INSTALL ALL DOORS, FRAMES, HARDWARE AND RELATED PARTS AND MATERIALS AS INDICATED ON DRAWINGS AND RESPONSIBILITY SCHEDULE.

B. LABELED DOORS: WHERE REQUIRED, PROVIDE U.L. LABEL DOORS AND FRAMES PER APPLICABLE STATE AND LOCAL BUILDING CODES. SUCH TO RECEIVE LABELS ATTACHED STATING RATINGS.

C. FABRICATE AND ERECT TRUE, PLUMB AND SQUARE AS SPECIFIED AND AS DETAILED AND PER MANUFACTURER'S RECOMMENDATIONS.

D. INTERIOR HOLLOW METAL DOORS AND FRAMES FOR INSTALLATION AT DRYWALL AND METAL STUD PARTITIONS.

1. DOORS - 1 3/4" THICK FLUSH MOUNTED "TYPE B" AS MANUFACTURED BY STEELCRAFT. SURFACES TO BE PHOSPHATIZED AND RECEIVE ONE COAT BAKED ON PRIMER READY TO RECEIVE PAINT.

a. SEE DOOR SCHEDULE FOR REQUIRED HARDWARE.

b. PROVIDE 8 GA. REINFORCEMENT AT HINGES, AND 14 GA. REINFORCEMENT AT LOCK AND CLOSERS.

2. FRAMES - 2" FRONT FACE - 16 GA. HOLLOW METAL WITH CONTINUOUSLY WELDED CORNERS. SURFACES TO BE PHOSPHATIZED AND RECEIVE ONE COAT BAKED ON PRIMER READY TO RECEIVE PAINT.

a. PROVIDE 8 GA. REINFORCEMENT AT HINGES AND 14 GA. REINFORCEMENT AT LOCK AND CLOSERS.

b. INSTALL ADJUSTABLE JAMB ANCHOR 4" DOWN FROM HEAD AND WELDED-IN BASE ANCHOR AT EACH JAMB.

PART 2 - PREPARATION /EXECUTION

A. INSTALL FRAMES IN ACCORDANCE WITH SDI-100.

B. COORDINATE WITH WALL CONSTRUCTION FOR ANCHOR PLACEMENT.

C. COORDINATE INSTALLATION OF FRAMES WITH INSTALLATION OF DOORS AND HARDWARE AS SPECIFIED IN DOOR SCHEDULE AND ON DRAWINGS.

FOLLOW DOOR HARDWARE INSTITUTE (DHI) GUIDELINES.

08110 INSULATED STEEL DOORS

PART 1 - GENERAL

A. NON-RATED THERMALLY INSULATED STEEL DOORS AT EXTERIOR OPENINGS.

1. DOORS THERMALLY INSULATED L-16 WITH POLYSTYRENE CORE (R=7.7): SDI-100 GRADE AS MANUFACTURED BY STEELCRAFT, CINCINNATI, OHIO, OR EQUAL. FRAMES TO BE PHOSPHATIZED AND RECEIVE ONE COAT BAKED ON PRIMER READY TO RECEIVE PAINT.

a. SEE DOOR SCHEDULE FOR REQUIRED HARDWARE.

b. PROVIDE 14 GA. REINFORCEMENT AT CLOSER AND LOCKS AND 8 GA. REINFORCEMENT AT HINGES.

2. FRAME - 12 GA. COLD ROLLED STEEL, ARC WELDED AT CORNERS AND GROUND SMOOTH AS MANUFACTURED BY STEELCRAFT OR EQUAL. FRAMES TO BE PHOSPHATIZED AND RECEIVE ONE COAT BAKED ON PRIMER READY TO RECEIVE PAINT.

a. PROVIDE 14 GA. REINFORCEMENT AT CLOSER AND LOCKS AND 8 GA. REINFORCEMENT AT HINGES.

b. INSTALL MINIMUM THREE (3) JAMB ANCHORS AND BASE ANCHORS EACH SIDE.

PART 2 - PREPARATION / EXECUTION

A. INSTALL FRAMES IN ACCORDANCE WITH SDI-100.

B. COORDINATE WITH MASONRY WALL CONSTRUCTION FOR ANCHOR PLACEMENT.

C. COORDINATE INSTALLATION OF FRAMES WITH INSTALLATION OF HARDWARE SPECIFIED IN DOOR SCHEDULE.

FOLLOW DOOR HARDWARE INSTITUTE (DHI) GUIDELINES.

08400 ALUMINUM ENTRANCES AND STOREFRONTS

PART 1 - GENERAL

A. THIS SECTION INCLUDES ALL ALUMINUM/GLASS DOORS, DOOR HARDWARE SPECIFICALLY SUPPLIED BY DOOR MANUFACTURER, EXTRUDED ALUMINUM GLAZING FRAMES COMPLETE WITH ACCESSORIES AND GLASS AS DETAILED ON THE DRAWINGS AND RESPONSIBILITY SCHEDULE.

1. ALUMINUM/TEMPERED GLASS ENTRANCE DOORS SHALL BE KAWNEER (SEE PARAGRAPH 2 OF THIS SECTION) SERIES 350 (SIZES OF VERTICAL STILE AND TOP RAIL AS PER PLANS AND DETAILS) SINGLE ACTING WITH 1/2" TEMPERED GLASS INFILL SET WITH ELASTOMERIC GASKETS.

a. HARDWARE - TO INSURE SINGLE SOURCE RESPONSIBILITY, THE FOLLOWING SHALL BE PROVIDED AND INSTALLED BY THE DOOR SUPPLIER / INSTALLER

HINGING - TOP PATCH AND BOTTOM PIVOTS

CLOSERS - NORTON SERIES 1600 - ONE PER DOOR LEAF

PUSH/PULL - KAWNEER "F-2"

LOCKS - DEADLOCK: "BEST CORE"

THRESHOLD - MILL FINISH ALUMINUM MAXIMUM 1/2" HIGH

b. MANUFACTURERS: KAWNEER COMPANY, INC. , NORCROSS, GA UNITED STATES ALUMINUM CORP., ROCK HILL SC

c. FINAL FINISHES MUST MATCH EXACTLY. COLORS TO BE AS SPECIFIED ON FINISH SCHEDULE.

B. ALUMINUM GLAZING FRAME.

1. KAWNEER (SEE PARAGRAPH 3 OF THIS SECTION) TRIFAB II 451 SERIES, (MULLION, RAIL, POST AND BASE SIZES AS PER PLANS AND DETAILS) FOR INFILL WITH 1/2" CLEAR TEMPERED GLASS.

2. PROVIDE AND INSTALL ALL INTERNAL SUPPORT FRAMING, RELATED FLASHINGS, ANCHORAGE AND ATTACHMENT DEVICES.

3. MANUFACTURERS: KAWNEER COMPANY, INC., NORCROSS, GA UNITED STATES ALUMINUM CORP., ROCK HILL, SC

4. FINAL FINISH MUST MATCH EXACTLY COLORS AS SPECIFIED ON FINISH SCHEDULE, IF EXACT COLOR IS NOT AVAILABLE THROUGH MANUFACTURER PAINT CONTRACTOR SHALL FIELD PAINT.

C. GLAZING

1. EXTERIOR - 1/2" CLEAR INSULATED GLASS FOR INFILL INTO GLAZING FRAME.

PART 2 - PREPARATION / EXECUTION

A. VERIFY DIMENSIONS, TOLERANCES AND ATTACHMENTS AND SHIMS TO PERMIT SUFFICIENT ADJUSTMENTS TO ACCOMMODATE IRREGULARITIES.

B. INSTALL PER MANUFACTURER'S RECOMMENDATIONS AND PROCEDURES.

C. ALL JOINTS BETWEEN FRAMING AND BUILDING STRUCTURE SHALL BE SEALED TO PROVIDE WATERTIGHT INSTALLATION.

D. INSTALL SEALANT AND BACKING MATERIALS AT PERIMETER OF FRAME.

08710 DOOR HARDWARE

PART 1 - GENERAL

A. FURNISH AND INSTALL FINISH HARDWARE FOR INTERIOR AND EXTERIOR DOORS, ROLLING GRILLES AND WINDOWS.

B. SEE DOOR SCHEDULE FOR SPECIFIC ITEMS, MANUFACTURERS AND MODEL NUMBERS.

C. FOLLOW DHI (DOOR AND HARDWARE INSTITUTE) STANDARDS AND GUIDELINES AND AWI (AMERICAN WOODWORKING INSTITUTE) STANDARDS FOR HARDWARE INSTALLED ON WOOD DOORS.

D. FIRE RATED HARDWARE SHALL FOLLOW GUIDELINES AS ESTABLISHED BY:

1. NFPA 80 - FIRE DOORS AND WINDOWS.

2. NFPA 101 - LIFE SAFETY CODE.

3. NFPA 252 - FIRE TESTS OF DOOR ASSEMBLIES.

4. UL 10B - SAFETY FIRE TESTS OF DOOR ASSEMBLIES.

5. UL 305 - SAFETY PANIC HARDWARE.

E. FURNISH OWNER WITH MAINTENANCE DATA, MAINTENANCE PROCEDURES, MANUFACTURERS WARRANTIES AND SPECIAL TOOLS.

F. FINISHES: AS NOTED ON PLANS AND SCHEDULES.

G. KEYING

1. GENERAL CONTRACTOR TO COORDINATE KEYING AND MASTER KEYING WITH CONSTRUCTION MANAGER.

2. GENERAL CONTRACTOR TO INSTALL CONSTRUCTION CORES DURING CONSTRUCTION AND REPLACE WITH PERMANENT AT END OF JOB PRIOR TO TURN-OVER.

H. SEE SECTION ON ALUMINUM ENTRANCES FOR HARDWARE SPECIFIC TO THOSE DOORS

I. MANUFACTURERS:

1. HINGES: STANLEY FBB 179 AVERAGE FREQUENCY, OR EQUAL. EXTERIOR DOORS TO RECEIVE TAMPERPROOF BUTTS AND/OR LATCH GUARDS.

2. LOCKSETS/LATCHES: SCHLAGE D-SERIES, SPARTA DESIGN w/ROSE, OR EQUAL. LOCKSETS TO RECEIVE INTERCHANGEABLE CORE CYLINDERS TO ACCEPT "BEST CORE". SEE KEYING NOTES THIS SECTION.

3. CLOSERS: NORTON - POWER ADJUSTABLE CLOSER FOR BARRIER FREE OPERATION. SERIES 8301 BF OR EQUAL.

4. THRESHOLDS, SWEEPS AND WEATHER STRIPPING:

THERMAL BARRIER SADDLE THRESHOLD - PEMCO #252X2AFG, MAXIMUM HEIGHT 1/2", OR EQUAL.

DOOR BOTTOM SWEEP - PEMKO #315CN, OR EQUAL.

RIGID JAMB WEATHERSTRIP - PEMKO #303AV, OR EQUAL.

5. STOPS, KICKPLATES AND SILENCER;

WALL STOP - IVES #407, OR EQUAL

FLOOR STOP - IVES #436, OR EQUAL

DOOR SILENCER - IVES #20, OR EQUAL

KICKPLATE - IVES #8400, 8" HIGH X FULL WIDTH OF DOOR, OR EQUAL SCREW TO MATCH KICKPLATE. ONE-WAY VIEWER (PEEP) - IVES #696, OR EQUAL.

END OF DIVISION

09120 CEILING SUSPENSION SYSTEMS

PART 1 - GENERAL

A. PROVIDE ACOUSTICAL PANEL CEILINGS WITH EXPOSED SUSPENSION GRID, AS SHOWN ON THE DRAWINGS.

B. SUSPENSION SYSTEM AND ACOUSTIC PANELS AS LISTED ON REFLECTED CEILING PLAN SHEET AND RESPONSIBILITY SCHEDULE.

C. REFER TO DRAWINGS FOR LOCATION OF SPECIFIED MATERIALS AND FINISHES. WHERE REQUIRED BY CODES, CEILING ASSEMBLIES ARE TO CONFORM WITH UNDERWRITERS LABORATORIES DESIGN FOR ONE HOUR FIRE RATED ASSEMBLIES.

PART 2 - PREPARATION / EXECUTION

A. AT TIME OF COMPLETION, DELIVER TWO PACKAGES OF ACOUSTICAL PANELS TO THE TENANT OF EACH TYPE OF MATERIAL USED, FOR FUTURE REPLACEMENT USE.

B. COMPLY WITH ASTM C 635 FOR INTERMEDIATE - DUTY CLASS SYSTEM. SIZE ATTACHMENT DEVICES FOR FIVE (5) TIMES DESIGN LOAD. HANGER WIRE SHALL BE GALVANIZED CARBON STEEL, ASTM A641, SOFT TEMPER, PRE-STRETCHED, 12 GA MINIMUM.

C. COMPLY WITH MANUFACTURER'S PRINTED INSTRUCTIONS AND WITH GOVERNING REGULATIONS, FIRE-RESISTANCE RATING REQUIREMENT AND WITH INDUSTRY STANDARDS APPLICABLE TO THE WORK.

D. INSTALL SUSPENSION SYSTEM TO COMPLY WITH ASTM C 636, WITH HANGERS SUPPORTED ONLY FROM BUILDING STRUCTURAL MEMBERS. LOCATE HANGERS NOT LESS THAN 6" FROM EACH END AND SPACE 4'-0" ALONG EACH CARRYING CHANNEL OR DIRECT-HUNG RUNNER. SECURE WIRE HANGERS BY LOOPING AND WIRE TYING, EITHER DIRECTLY TO STRUCTURES OR TO INSERTS, EYE-SCREWS, OR OTHER DEVICES WHICH ARE SECURE AND APPROPRIATE FOR SUBSTRATE.

E. INSTALL EDGE MOLDINGS AT PERIMETER OF ACOUSTICAL CEILING AREA AND AT LOCATIONS WHERE NECESSARY TO CONCEAL EDGES OF ACOUSTICAL UNITS.

F. INSTALL ACOUSTICAL PANELS IN COORDINATION WITH SUSPENSION SYSTEM, WITH EDGES CONCEALED BY SUPPORT OF SUSPENSION, MEMBERS, SCRIBE AND CUT PANELS TO FIT ACCURATELY AT BORDERS AND PENETRATIONS.

G. INSTALL HOLD-DOWN CLIPS IF REQUIRED BY CODE.

H. GWB CEILINGS AND SOFFITS TO BE GIVEN A FLAT AND SMOOTH FINISH TO ACCEPT PAINT FINISH. REFER TO SECTION 09250 "GYPSUM BOARD SYSTEMS".

D. IT IS THE GLAZING CONTRACTORS SOLE RESPONSIBILITY TO VERIFY THAT THE GLASS IS SIZED TO WITHSTAND DEAD LOADS, POSITIVE AND NEGATIVE LIVE LOADS, ACTING NORMAL TO PLANE OF GLASS AS CALCULATED IN ACCORDANCE WITH LOCAL AND STATE CODES.

E. MATERIAL FOR INTERIOR STOREFRONT GLASS:

1. CLEAR GLASS - ASTM C1048, FT-FULLY TEMP., QUALITY-q3 GLAZING SELECT.

2. THICKNESS AS SHOWN ON PLAN.

3. EACH INDIVIDUAL PANE TO RECEIVE TEMPERED STAMP INDICATING SUCH.

F. MATERIAL FOR EXTERIOR STOREFRONT IN METAL GLAZING SYSTEM.

1. INSULATED GLASS UNITS - LOW E - TYPE SG-B - ASTM E774 AND E773 DOUBLE PANE WITH GLASS ELASTOMER EDGE SEAL; OUTER PANE OF CLEAR GLASS, INNER PANE OF LOW E CLEAR GLASS ON CLEAR COLOR GLASS.

a. PROVIDE TEMPERED GLASS UNITS WHERE INDICATED ON PLAN OR AS REQUIRED BY JURISDICTIONAL CODES.

PART 2 - PREPARATION / EXECUTION

A. VERIFY THAT OPENINGS FOR GLAZING ARE CORRECTLY SIZED AND WITHIN TOLERANCE.

B. VERIFY THAT SURFACES OF GLAZING CHANNELS OR RECESSES ARE CLEAN, FREE OF OBSTRUCTIONS THAT MAY IMPEDE MOISTURE MOVEMENT, WEEPS ARE CLEAR, AND READY TO RECEIVE GLAZING.

C. CUT GLASS PANES TO ACCURATE SIZES ALLOWING FOR EDGE CLEARANCES AND TOLERANCES.

D. INSTALL SEALANTS RECOMMENDED BY MANUFACTURER WHICH ARE COMPATIBLE WITH MATERIALS THEY WILL BE IN CONTACT WITH.

E. REMOVE GLAZING MATERIALS FROM FINISH SURFACES.

F. REMOVE LABELS AFTER WORK IS COMPLETE. CLEAN GLASS AND ADJACENT SURFACES.

08835 MIRROR

PART 1 - GENERAL

A. FURNISH AND INSTALL CUSTOM FITTED MIRRORS INCLUDING MASTIC AND ATTACHMENT CLIPS AS SIZED AND DETAILED IN DRAWINGS AND RESPONSIBILITY SCHEDULE. REFER TO TOILET ROOM ACCESSORIES FOR TENANT-PROVIDED MIRRORS IN LAVATORY. VERIFY WITH TENANT'S PROJECT MANAGER.

B. CONSULT NAMM (NATIONAL ASSOCIATION OF MIRROR MANUFACTURING) FOR TIPS FOR CARE AND HANDLING OF MIRRORS.

C. PRODUCT:

1. CLEAR FLOAT TYPE WITH COPPER/SILVER COATING. UNLESS NOTED OTHERWISE, ALL EDGES SHALL BE POLISHED.

D. MIRROR ADHESIVE: CHEMICALLY COMPATIBLE WITH MIRROR COATING AND WALL SUBSTRATE.

PART 2 - PREPARATION / EXECUTION

A. VERIFY AREAS RECEIVING MIRRORS ARE WITHIN TOLERANCES AND ARE READY TO RECEIVE MATERIAL.

B. PLACE PLUMB AND LEVEL WITHOUT VISIBLE DISTORTION.

C. STORE, PROTECT, AND INSTALL MIRRORS IN ACCORDANCE WITH NAMM.

D. SET MIRRORS WITH EDGE CLEARANCE FREE OF SURROUNDING CONSTRUCTION INCLUDING COUNTERTOPS OR BACKSPASHES.

E. REMOVE LABELS AFTER WORK IS COMPLETE.

F. CLEAN MIRRORS AND ADJACENT SURFACES.

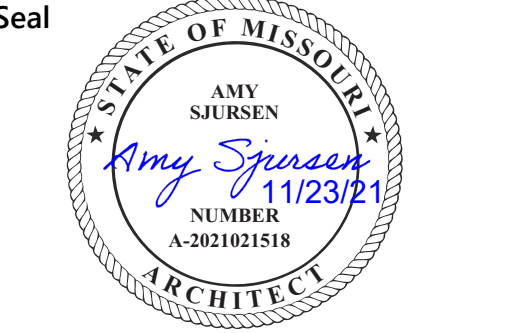
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Nextore Store Design Revision No.:

REV 06

Nextore project Number 84169

Brand Design Type: LC06 AUGNORM

ISSUED FOR: Construction

SPECIFICATIONS  
2 OF 4

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Drawn By	
STAFF	G004
Checked By	
JHM	

RELEA  
CONSTR  
As Noted on Plans Review

DESIGN & CONSTRUCTION  
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12/06/2021

● 4000 Luxottica Place, Mason, OH 45040  
● 6 Creechery Brook, East County, CT 06026

● 31 055, 303 4400  
● 31 000, 411-0709

STORE # 1643  
SUMMITWOODS CROSSING  
1700 NW CHIPMAN RD  
LEE'S SUMMIT, MO 64081

Construction for:

LENSCRAFTERS

A Subsidiary of the Luxottica Group  
4000 Luxottica Place Mason, Ohio 45040

Revisions:

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Architect Job No.: LUX-305

Nextore Store Design Revision No.:

REV 06

Nextore project Number 84169

Brand Design Type: LC06 AUGNORM

ISSUED FOR:  
☐ Construction

Title

SPECIFICATIONS  
3 OF 4

Date 10/01/21	Sheet
Drawn By	G005
STAFF	
Checked By JHM	

## SPECIFICATIONS (3 OF 4)

09250 GYPSUM BOARD SYSTEMS  
LEVEL 5 GYPSUM BOARD FINISH SPECIFICATION:  
A. ALL JOINTS AND INTERIOR ANGLES SHALL HAVE TAPE EMBEDDED IN JOINT COMPOUND AND TWO SEPARATE COATS OF JOINT COMPOUND APPLIED OVER ALL FLAT JOINTS AND ONE SEPARATE COAT OF JOINT COMPOUND APPLIED OVER INTERIOR ANGLES. FASTENER HEADS AND ACCESSORIES SHALL BE COVERED WITH THREE SEPARATE COATS OF JOINT COMPOUND. A THIN SKIM COAT OF JOINT COMPOUND OR A MATERIAL MANUFACTURED ESPECIALLY FOR THIS PURPOSE, SHALL BE APPLIED TO THE ENTIRE SURFACE. THE SURFACE SHALL BE SMOOTH AND FREE OF TOOL MARKS AND RIDGES. NOTE: IT IS RECOMMENDED THAT THE PREPARED SURFACE BE COATED WITH A DRYWALL PRIMER PRIOR TO THE APPLICATION OF FINISH PAINT.  
PART 1 - GENERAL  
A. FURNISH AND INSTALL ALL GYPSUM DRYWALL AND SYSTEMS COMPLETE WITH PARTITION FRAMING, CEILING SUSPENSION SYSTEMS AND RELATED ACCESSORIES, PARTS, MATERIALS, ETC. AS SHOWN ON DRAWINGS AND AS SPECIFIED. INSTALL ALL MATERIALS PER MANUFACTURERS SPECIFICATIONS AND RECOMMENDATIONS.  
B. GYPSUM DRYWALL: ALL GYPSUM BOARD TO BE 5/8" TYPE "X" AS NOTED ON NEW CONSTRUCTION PLAN. REST ROOMS TO RECEIVE MOISTURE RESISTANT GYPSUM BOARD.  
C. FASTENERS: DRYWALL SCREWS OF PROPER SIZE AND TYPE PER MANUFACTURERS RECOMMENDATIONS.  
D. PROVIDE MATERIALS, JOINT COMPOUNDS, TRIM, EDGES, BEADS, ETC. FROM A SINGLE SOURCE SUPPLIER. ALL TRIM SHALL CONSIST OF A TAPERED, GROOVED, AND PREPUNCHED FIN FOR SCREW ATTACHMENT AND TO ACCEPT BONDING AGENT. ALL BUTT JOINTS ARE TO BE NEAT WITH TIGHT JOINTS, AND ALL CORNERS ARE TO BE MITERED. ALL EDGES, BEADS AND TRIM TO BE PRE-FINISH ALUMINUM.  
E. JOINT TREATMENT: U.S. GYPSUM OR GOLD BOND SYSTEM OF COMPOUNDS AND PERFORATED TAPE.  
1. ERECT GWB IN A SINGLE LAYER IN THE MOST ECONOMICAL DIRECTION WITH  
ENDS AND EDGES OCCURRING OVER FIRM BEARING.  
2. WALLS, CEILINGS AND SOFFITS, AND ALL TRANSITIONS IN SAME, SHALL BE  
GIVEN A SMOOTH FINISH.  
3. CORNER BEADS SHALL BE APPLIED TO ALL EXTERNAL ANGLES IN STRICT ACCORDANCE WITH THE MANUFACTURERS DIRECTIONS. INSTALL CASING BEADS AT ALL EDGES OF DRYWALL WORK EXCEPT WHERE TERMINATION IS COVERED BY OTHER FINISH. CASING BEADS SHALL BE MITERED AT CORNERS AND INSTALLED NEATLY, FINISHED WITH COMPOUND.  
4. JOINTS BETWEEN BOARDS SHALL BE REINFORCED WITH TAPE EXCEPT WHERE CONTROL JOINTS ARE REQUIRED. TAPE FIELD JOINTS, INTERIOR CORNER JOINTS AND WALL TO CEILING JOINTS. FILL JOINTS WITH JOINT FILLING COMPOUND AND EMBED TAPE THEREIN. COVER TAPE WITH BEDDING COMPOUND AND TAPER TO FEATHER EDGES. FILL SCREW HEAD DEPRESSIONS WITH JOINT FILLING COMPOUND AND FEATHER THE EDGES. ALLOW TO DRY.  
5. COVER TAPED AND FILLED JOINTS AND FILLED SCREW HEAD DEPRESSIONS WITH TOPPING COMPOUND APPLIED IN THREE COATS. PERMITTING THE PREVIOUS COAT TO DRY PRIOR TO INSTALLING THE SUBSEQUENT COAT.  
6. SAND JOINT AND SCREW HEAD AREAS LIGHTLY BETWEEN COATS AND AFTER THE FINAL COAT SO THAT A SMOOTH LEVEL SURFACE IS PRODUCED WITH THE PAPER SURFACE OF THE WALLBOARD FREE OF SCUFFING.  
F. PATCH AND/OR REPAIR EXISTING DRYWALL TO REMAIN TO LIKE NEW CONDITION. LEVEL ANY UNEVEN OR ROUGH SPOTS AND FINISH SMOOTH. BULGES AND VISUAL DEPRESSIONS ARE NOT ACCEPTABLE.  
G. INSTALL CEMENTITIOUS BACKER BOARD AT ALL AREAS TO RECEIVE TILE OR MARBLE, OR AS SHOWN ON DRAWINGS.  
H. ACCESS PANELS:  
1. G.C. SHALL PROVIDE AND INSTALL ACCESS PANELS AS REQUIRED BY LANDLORD AND SITE CONDITIONS (COORDINATE SIZE REQUIREMENTS, NUMBER OF PANELS REQUIRED AND LOCATIONS WITH LANDLORD AND ALL MECHANICAL TRADES).  
2. ACCESS PANELS SHALL BE FLUSH TYPE (NO EXPOSED FLANGES) STYLE AS MANUFACTURED BY: INTEX FORMS INC. - GLASS FIBER (GFRG) FLUSH ACCESS PANEL  
PHONE NUMBER: 650-654-7855  
(SIZE AS REQUIRED)  
3. PANELS TO BE FACTORY PRIMED (WHITE) READY TO RECEIVE FINAL FINISH PAINT BY G.C.

09300 TILE AND MARBLE  
PART 1 - GENERAL  
A. MARBLE/CERAMIC/QUARRY TILE: REFER TO FINISH AND RESPONSIBILITY SCHEDULE FOR SIZES, COLORS, AND MANUFACTURERS.  
B. INSTALL GROUT AS RECOMMENDED BY THE TILE MANUFACTURER. COLOR OF WALL GROUT TO BE INDICATED ON THE FINISH SCHEDULE. IF NO COLOR IS INDICATED, A GROUT TO MATCH TILE IS TO BE USED.  
C. ALL CERAMIC TILE BASES INSTALLED SHALL BE SANITARY COVE TYPE. REFER TO FINISH SCHEDULE FOR SPECIFICATIONS.

PART 2 - PREPARATION / EXECUTION  
REFER TO SECTION 03732 "CONCRETE REPAIR / PREPARATION". AND TO SECTION 07200 "INSULATION AND WATERPROOFING"

A. BEFORE SETTING ANY TILE, THE CONTRACTOR SHALL ASSURE HIMSELF THAT NO TILES WILL HAVE TO BE REMOVED AFTER INSTALLATION TO ACCOMMODATE THE WORK OF OTHER TRADES. ALL CUTTING, FITTING, DRILLING AND GRINDING OF THE WORK, WHERE NECESSARY IN RELATION TO THE WORK OF OTHER TRADES, SHALL BE PERFORMED SO THAT THE WORK WILL BE NEATLY AND ACCURATELY DONE AND CUT EDGES SHALL BE UNIFORM.  
B. CONFORM TO REQUIREMENTS UNDER AMERICAN NATIONAL STANDARDS INSTITUTE ANSI A-137.1 FOR CERAMIC TILE MATERIAL AND ANSI A-108 FOR INSTALLATION.  
C. INSTALL PER LANDLORD'S SPECIFICATIONS, WHERE APPLICABLE.

D. LAY OUT TILE PATTERN SYMMETRICALLY WITH EVEN JOINT ON ALL FLOOR AND WALL SURFACES. ALIGN JOINTS WITH MALL PATTERN, WHERE APPLICABLE.  
E. CUT AND DRILL TILE AS REQUIRED WITHOUT MARRING TILE, GRIND AND FIT AROUND FIXTURES, ETC.. LEAVE COMPLETED WORK FREE FROM CRACKED, BROKEN, OR DAMAGED TILE.  
F. ALL TRANSITIONS BETWEEN NEW AND EXISTING OR UNLIKE FINISHES SHALL BE FLUSH AND SMOOTH. NO REDUCER STRIPS PERMITTED IN STOREFRONT AREA.  
H. PROTECT HEAVILY TRAVELED, NEWLY TILED AREAS AS REQUIRED.  
I. INSTALL TILES USING THINSET METHOD WITH 1/16" JOINTS AT WALLS AND FLOORS.  
J. SEAL/WAX ALL TILE PER MANUFACTURER'S SPECIFICATIONS.

09650 VINYL RESILIENT TILE FLOORING  
PART 1 - GENERAL  
A. G.C. TO SUPPLY AND INSTALL 1/8" X 12" X 12" VINYL RESILIENT TILES, AS SHOWN AND SPECIFIED ON THE DRAWINGS.  
B. INSTALL 4" HIGH X 1/8" THICK, TOP SET, COVED VINYL BASE, AT ALL WALLS IN AREAS TO RECEIVE VINYL TILE FLOORING, AS SPECIFIED ON DRAWINGS.  
C. SEE FINISH SCHEDULE FOR SPECIFIC COLORS AND MANUFACTURER.

PART 2 - PREPARATION / EXECUTION  
REFER TO SECTION 03732 "CONCRETE REPAIR / PREPARATION". AND TO SECTION 07200 "INSULATION AND WATERPROOFING"  
A. PREP SLAB AS REQUIRED TO RECEIVE NEW VINYL TILE.  
B. FILL ALL CRACKS, JOINTS, ETC. IN SUB-FLOOR WITH CRACK FILLER APPROVED BY FLOORING MANUFACTURER. INSTALL ALL MATERIALS WITH WATERPROOF TYPE ADHESIVES AS RECOMMENDED BY FLOORING MANUFACTURER FOR MATERIALS AND SURFACES INVOLVED.  
C. SLOPE FLOOR TILE TO DRAINS. SUBSTRATE MUST ALSO BE SLOPED TO DRAIN.  
ALL VCT SHALL BE CLEANED, SEALED, AND WAXED BY G.C. PRIOR TO TURNOVER.

09652 WOOD FLOORING  
PART 1 - GENERAL  
A. FINISHED WOOD FLOOR AS SPECIFIED IN FINISH AND RESPONSIBILITY SCHEDULES. INSTALLED PER MANUFACTURER'S PRINTED INSTRUCTIONS AND RECOMMENDATIONS.  
B. MATERIALS SHALL BE LISTED WITH UNDERWRITERS LABORATORIES AS TO FIRE AND SLIP RESISTANCE.  
C. ARCHITECTURAL TRIM, i.e. REDUCER STRIPS, BANDS, PICKETS, ETC., SHALL BE OF SAME MANUFACTURER AND FINISH AS WOOD FLOOR.

PART 2 - PREPARATION / EXECUTION  
REFER TO SECTION 03732 "CONCRETE REPAIR / PREPARATION". AND TO SECTION 07200 "INSULATION AND WATERPROOFING"  
A. GENERAL CONTRACTOR TO BROOM CLEAN FLOORING AS IT IS INSTALLED. PROTECT FLOORING IMMEDIATELY WITH BROWN KRAFT PAPER AND INSTALL MASONITE, ORIENTED STRAND BOARD OR OTHER PROTECTIVE FLOOR PANELS OVER ENTIRE WOOD FLOOR.  
B. NO FLOORING TO BE EXPOSED UNTIL LAST DAY OF FIXTURING AND PROP INSTALLATION.  
C. FLOOR CLEAN-UP: FOLLOWING COMPLETION OF WORK BY OTHER TRADES, THE PROTECTIVE COVERING PLACED AFTER INSTALLATION SHOULD BE REMOVED; FOLLOWED BY SWEEPING, VACUUMING AND/OR DRY MOPPING TO REMOVE ALL LOOSE DEBRIS.

09680 CARPET  
PART 1 - GENERAL  
A. CONDITION CARPET AND ADHESIVES FOR AT LEAST 48 HOURS AT A MINIMUM TEMPERATURE OF 65 DEGREES FAHRENHEIT. THE FLOOR SHOULD ALSO BE CONDITIONED AT A TEMPERATURE ABOVE 65 DEGREES F FOR AT LEAST 24 HOURS PRIOR TO INSTALLATION. THE FLOOR MUST BE SWEPT FREE OF DUST AND DEBRIS.  
B. NEW CONCRETE MUST BE CURED PREFERABLY FOR 90 DAYS BEFORE INSTALLING CARPET. CHECK THE SLAB FOR ALKALINITY, WHICH SHOULD BE LESS THAN 9.0 pH IF NECESSARY. NEUTRALIZE THE FLOOR WITH AN ACID WASH OF 10 PARTS WATER TO ONE PART MURIATIC ACID AND RINSE THOROUGHLY. A SEALER SHOULD BE USED TO INSURE A GOOD BONDING SURFACE. EXISTING CONCRETE MAY REQUIRE RESEALING TO ASSURE A PROPER SURFACE.  
C. REMOVE, REPLACE OR PATCH OLD VINYL TILE OR LINOLEUM, STRIP OLD WAX BY MOPPING WITH AMMONIA AND WATER, AND FILL IN GROUT LINES ON CERAMIC FLOORS WITH A LATEX FLASHING COMPOUND, AS APPLICABLE.  
D. REMOVE ANY FINISHES, WAXES, PAINT, ETC. FROM WOOD FLOORS. THE SURFACE MUST BE LEVEL AND CRACKS MAY REQUIRE A FLASHING COMPOUND. PLYWOOD OR PARTICLE BOARD MAY BE NECESSARY TO OFFSET UNEVEN FLOORS, BUT MUST BE PRIMED PRIOR TO INSTALLATION.  
E. CUT-BACK ADHESIVE MUST BE FLASHED OVER. USING A NOTCHED TROWEL, PATCH AND LET CURE. SMOOTH OVER WITH A SECOND COAT OF PATCH, USING THE FLAT SIDE OF THE TROWEL TO FILL IN THE RIDGES. ALLOW THE NEWLY FLASHED FLOOR TO CURE.  
F. CARPET CONTRACTOR TO ESTABLISH HIS OWN TAKEOFFS AND COORDINATE HIS TAKEOFFS WITH THE AMOUNT SHIPPED BY TENANT AND CONTACT THE CONSTRUCTION COORDINATOR OF ANY DISCREPANCIES.  
G. INSTALL PER FLOOR AND WALL FINISH PLAN AND PROVIDE TENANT WITH SEAM LAYOUT PRIOR TO CUTTING / INSTALLATION. H. FILL ALL CRACKS, JOINTS, ETC. IN SUB-FLOOR WITH CRACK FILLER APPROVED BY CARPET MANUFACTURER.  
H. PROVIDE DIRECT GLUEDOWN INSTALLATION USING MATERIAL AND METHODS RECOMMENDED BY CARPET MANUFACTURER. SEAL ALL SEAMS WITH SEAM ADHESIVE.

09700 LAMINATED WOOD FLOORING  
PART 1 - GENERAL  
A. WOOD LAMINATE FLOORING: REFER TO FINISH AND RESPONSIBILITY SCHEDULE FOR SIZES, COLORS, AND MANUFACTURERS.  
B. PREP FLOOR AS RECOMMENDED BY THE MANUFACTURER.  
C. INSTALL COMPLETE PER MANUFACTURER'S SPECIFICATIONS, INCLUDING ALL TRANSITION STRIPS AND EXPANSION JOINTS AS REQUIRED FOR PROPER INSTALLATION.

PART 2 - PREPARATION / EXECUTION  
REFER TO SECTION 03732 "CONCRETE REPAIR / PREPARATION". AND TO SECTION 07200 "INSULATION AND WATERPROOFING"

A. GENERAL CONTRACTOR TO RECEIVE AND STORE MATERIAL. G.C. MUST OPEN BOXES A MINIMUM OF 48 HOURS IN ADVANCE OF INSTALLATION TO ACCLIMATE PRODUCT TO TEMPERATURE AND HUMIDITY OF AREA TO RECEIVE INSTALLATION.  
B. PREPARE SUBFLOOR OR EXISTING FLOOR SYSTEM AS RECOMMENDED BY MANUFACTURER.  
C. INSTALL POLYETHYLENE FILM ON CONCRETE SUBFLOOR.  
D. INSTALL "WHISPERWALK".  
E. INSTALL LAMINATE FLOORING AS A "FLOATING" FLOOR. BEGIN INSTALLATION ALONG WALL WITH TONGUE FACING WALL ACCORDING TO MANUFACTURER'S PROCEDURES. APPLY GLUE TO GROOVES WITH PLANKS IN PLACE ON FLOOR. ENSURE JOINTS ARE COMPLETELY SEALED WITH GLUE. DO NOT NAIL, SCREW OR FASTEN FLOORING TO SUBFLOOR.  
F. PROVIDE ADEQUATE EXPANSION SPACE AT PERIMETER, COLUMNS, AND AT ALL ALL OTHER OBSTRUCTIONS.  
G. INSTALL SPECIFIED BASE OR TRIM AT PERIMETER, COLUMNS, AND AT ALL OTHER OBSTRUCTIONS.  
H. NO FLOORING TO BE EXPOSED UNTIL LAST DAY OF FIXTURING AND MERCHANDISE INSTALLATION.  
I. FLOOR CLEANUP: FOLLOWING COMPLETION OF WORK BY OTHER TRADES, THE PROTECTIVE COVERING PLACED AFTER INSTALLATION SHOULD BE REMOVED; FOLLOWED BY SWEEPING, VACUUMING AND/OR DRY MOPPING TO REMOVE ALL LOOSE DEBRIS.

09910 PAINTING AND FINISHING  
PART 1 - GENERAL  
A. THE INTENT IS TO PROVIDE A SATISFACTORY FINISH TO ALL PARTS OF THIS PROJECT. FINISH APPEARANCE MUST BE UNIFORM, SMOOTH, AND FREE OF ANY RUNS, SAGS, AND DEFECTIVE BRUSHING OR SPRAYING. COVER ALL SURFACES THOROUGHLY IF THE NUMBER OF COATS RECOMMENDED BY MANUFACTURER DOES NOT ACCOMPLISH THE INTENT, THEN APPLY ADDITIONAL COATS UNTIL COVERAGE IS SATISFACTORY. SEE FINISH SCHEDULE FOR PAINT COLORS, MANUFACTURER, ETC.  
B. USE ONLY THE PAINT AND RELATED MATERIALS SPECIFIED BY THE MANUFACTURER. SEE FINISH SCHEDULE FOR SPECIFIC COLORS. ALTERNATES ARE NOT PERMITTED.

PART 2 - PREPARATION / EXECUTION  
A. CLEAN ALL SURFACES TO BE PAINTED FREE OF LOOSE DIRT AND DUST BEFORE WORK IS STARTED. WASH ALL METAL SURFACES WITH MINERAL SPIRITS BEFORE APPLYING FINISHES. WHERE RUST OR SCALE IS PRESENT, WIRE BRUSH OR SAND CLEAN BEFORE APPLYING FINISH.  
B. PAINTED DRYWALL TO RECEIVE ONE COAT LATEX PRIMER AND TWO COATS OF SPECIFIED  
PAINT. TINT PRIMER TO APPROXIMATE SHADE OF THE FINAL COAT. TOUCHUP ALL SUCTION SPOTS OR HOT SPOTS AFTER APPLICATION OF FIRST COAT AND BEFORE APPLYING SECOND COAT, TO PRODUCE AND EVEN RESULT IN THE FINISH COAT. DRY ALL COATS THOROUGHLY BEFORE APPLYING SUCCEEDING COATS. FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR RECOAT TIME. SEAL ALL DRYWALL SURFACES BEHIND MIRRORS.  
C. PUTTY ALL NAIL HOLES, COUNTERSUNK SCREWS, BOLTS, CRACKS, ETC. BEFORE APPLYING FINISH.  
D. SAND ALL WOOD SURFACES SMOOTH AND EVEN BEFORE APPLYING FINISH.  
E. BEFORE STARTING FINISH WORK, REMOVE HARDWARE, ACCESSORIES, PLATES, LIGHTING FIXTURES AND SIMILAR ITEMS, OR PROVIDE AMPLE PROTECTION FOR SUCH ITEMS.  
F. PAINT ALL EXPOSED PIPING, ACCESS DOORS, VENTS, FIRE EXTINGUISHER CABINETS, EQUIPMENT MOUNTING BOARDS, ETC. TO MATCH ADJACENT WORK UNLESS OTHERWISE NOTED OR DIRECTED.  
G. SAND ENAMELED FINISHES APPLIED TO WOOD OR METAL BETWEEN COATS WITH FINE SANDPAPER TO PRODUCE EVEN SMOOTH FINISH.  
H. MAKE FINISH WORK UNIFORM, SMOOTH, FREE OF RUNS, SAGS AND DEFECTIVE BRUSHING OR SPRAYING. MAKE EDGES ADJOINING OTHER MATERIALS OR COLORS SHARP AND CLEAN WITHOUT OVERLAPPING.  
I. SEAL TOPS, BOTTOMS AND EDGES OF ALL DOORS.  
J. CONTRACTOR TO LEAVE ONE QUART EACH COLOR OF PAINT FOR FUTURE TOUCH-UP.  
K. PRIOR TO CONTRACTOR LEAVING SITE AND AFTER ALL FIXTURES ARE INSTALLED AND STORE IS CLEANED, CONTRACTOR TO WALK SITE AND TOUCH-UP PAINT DAMAGED DURING FINAL DAYS OF PROJECT.

END OF DIVISION

DIVISION 10000 - SPECIALTIES  
10520 FIRE PROTECTION  
PART 1 - GENERAL  
A. PROVIDE MULTI-PURPOSE CHEMICAL FIRE EXTINGUISHERS CAPABLE OF EXTINGUISHING CLASS A, B, AND C FIRES, IN QUANTITIES AND LOCATIONS REQUIRED BY LOCAL FIRE MARSHALL. (COORDINATE IN FIELD.) MANUFACTURER: J.L. INDUSTRIES; COSMIC SERIES OR EQUAL.

PART 2 - PREPARATION / EXECUTION  
A. INSTALL MOUNTING BRACKETS AT HEIGHTS TO COMPLY WITH APPLICABLE REGULATIONS OF GOVERNIN AUTHORITIES.  
B. SECURE MOUNTING BRACKETS TO STRUCTURE, SQUARE AND PLUMB, TO COMPLY WITH MANUFACTURER'S INSTRUCTIONS.  
C. ALL SALES AREAS AND PUBLIC AREAS TO HAVE RECESSED BRASS CABINETS PROVIDED AND INSTALLED BY G.C.

10800 TOILET ROOM ACCESSORIES  
PART 1 - GENERAL  
A. TENANT TO SUPPLY A.D.A. APPROVED TOILET ACCESSORIES AND GRAB BARS INCLUDING ALL SET SCREWS AND ANCHORS REQUIRED FOR COMPLETE INSTALLATION.

PART 2 - PREPARATION / EXECUTION  
A. G.C. SHALL INSTALL TOILET ACCESSORY UNITS ACCORDING TO MANUFACTURER'S INSTRUCTIONS, USING FASTENERS AND IN WALL BLOCKING AS RECOMMENDED BY UNIT MANUFACTURER. INSTALL UNITS PLUMB AND LEVEL, FIRMLY ANCHORED IN LOCATIONS AND AT HEIGHTS INDICATED, IN A TAMPERPROOF MANNER WITH SPECIAL HANGERS, TOGGLE BOLTS, OR SCREWS.  
END OF DIVISION

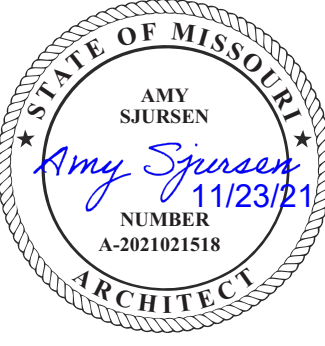
DIVISION 11000 - EQUIPMENT  
11001 EQUIPMENT  
PART 1 - GENERAL  
A. CONTRACTOR SHALL COORDINATE ALL EQUIPMENT WORK AND PLACEMENT WITH THE WORK OF ALL OTHER TRADES AND MAKE ADJUSTMENTS AS REQUIRED TO ACCOMMODATE LOCATIONS OF EQUIPMENT.  
B. ALL EQUIPMENT WORK SHALL COMPLY WITH ALL GOVERNING BUILDING CODES AND LOCAL  
C. EQUIPMENT SHALL BE FURNISHED, UNLOADED, UNPACKED OR UNCRATED AND PLACED ACCORDING TO THE CONSTRUCTION DOCUMENTS.

PART 2 - PREPARATION / EXECUTION  
A. GENERAL CONTRACTOR'S INSTALLATION OF TENANT SUPPLIED EQUIPMENT IS TO BE INCLUDED IN GENERAL BID.  
B. GENERAL CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER IMMEDIATELY OF ANYDAMAGE TO THE EQUIPMENT PRIOR TO INSTALLATION.  
C. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL HOOKUP OF ALL EQUIPMENT, INCLUDING ALL MECHANICAL, PLUMBING AND ELECTRICAL WORK.  
D. ALL EQUIPMENT MANUALS, INSTRUCTION BOOKLETS AND WARRANTY INFORMATION SHALL BE NEATLY BOUND AND TURNED OVER TO THE CONSTRUCTION MANAGER PRIOR TO THE TURNOVER.  
E. STEAM PRESS SUPPLIED BY TENANT SHALL BE INSTALLED BY G.C.'S CERTIFIED STEAM FITTER/PLUMBER FOR FINAL CONNECTIONS.

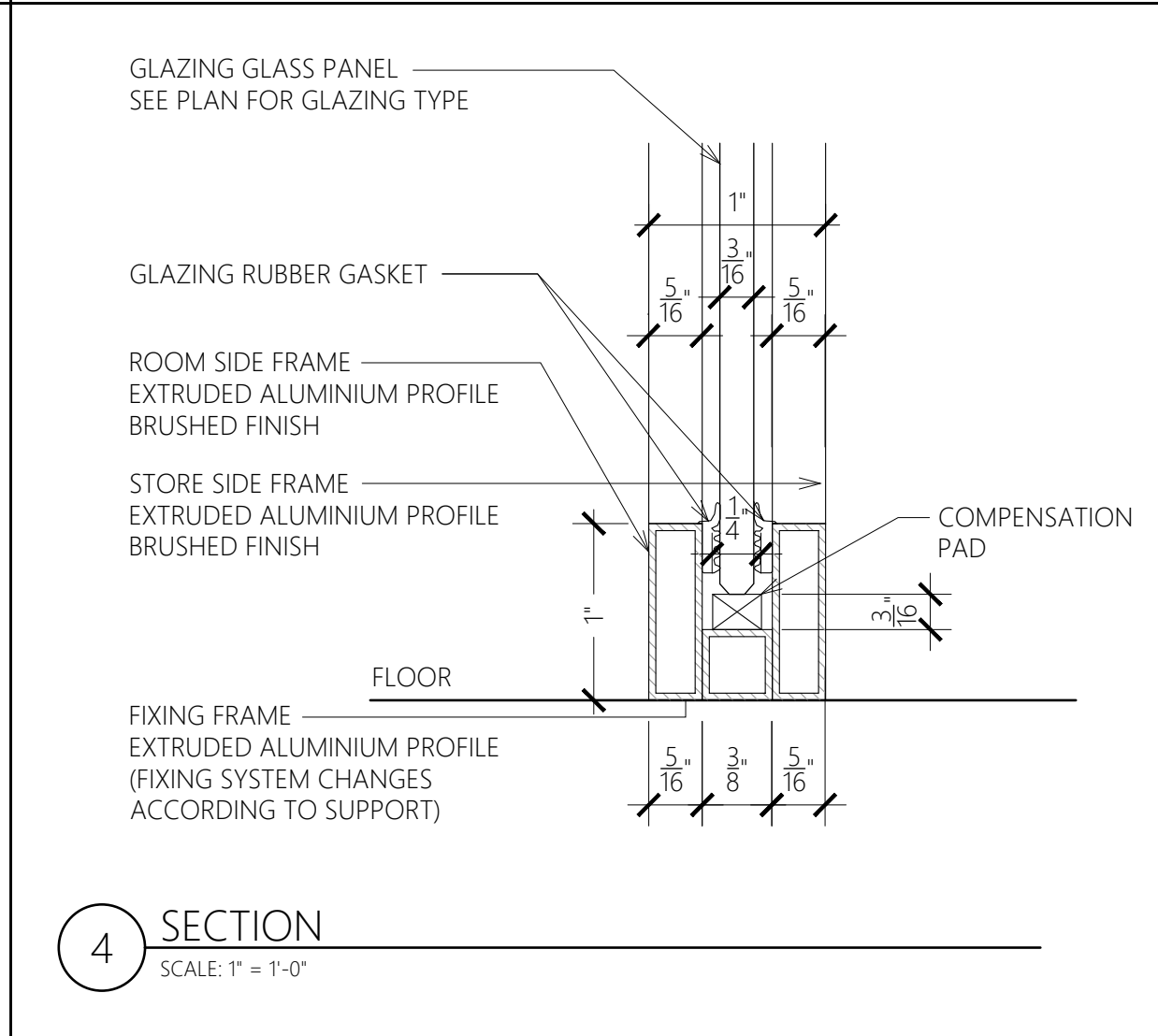
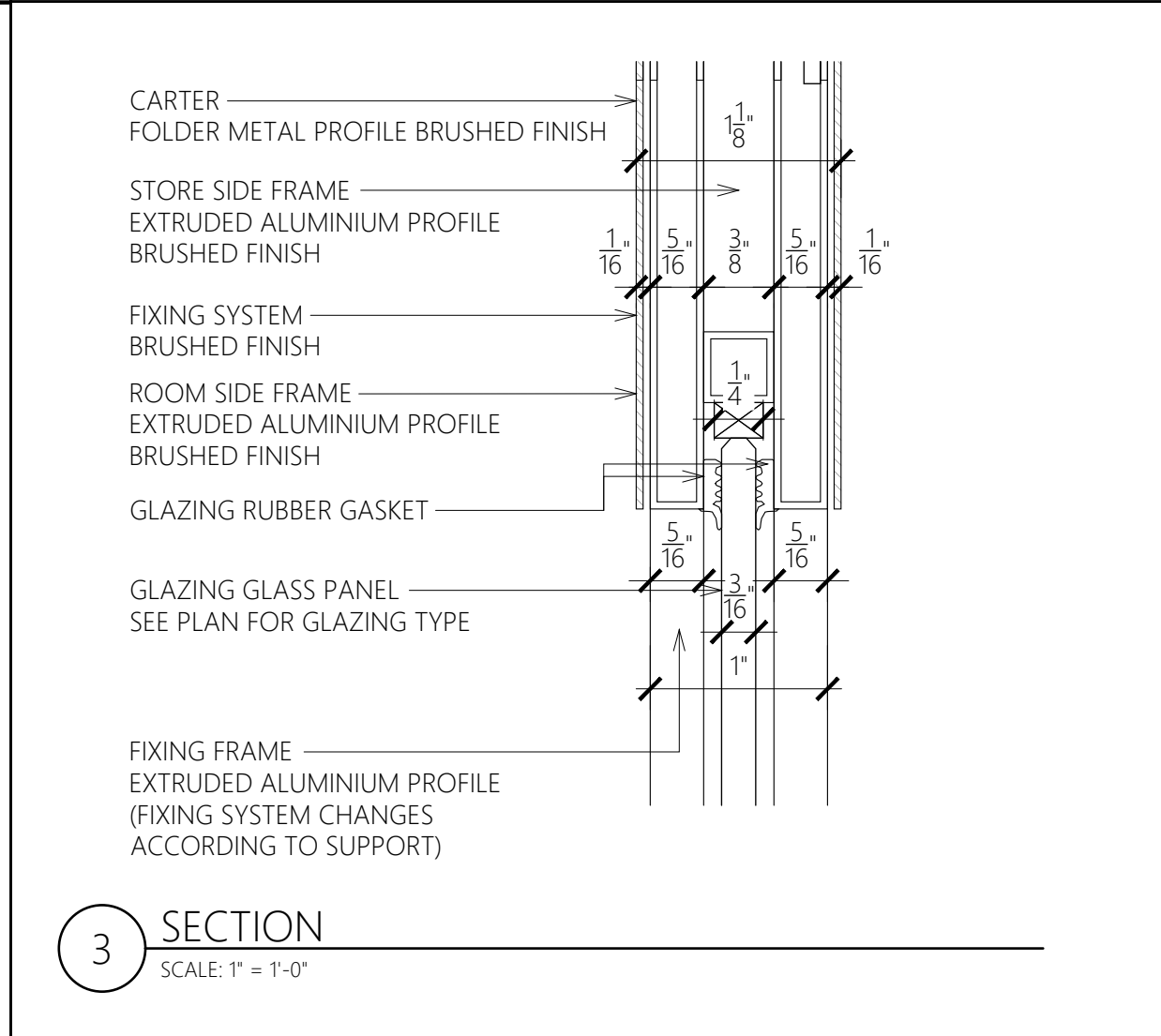
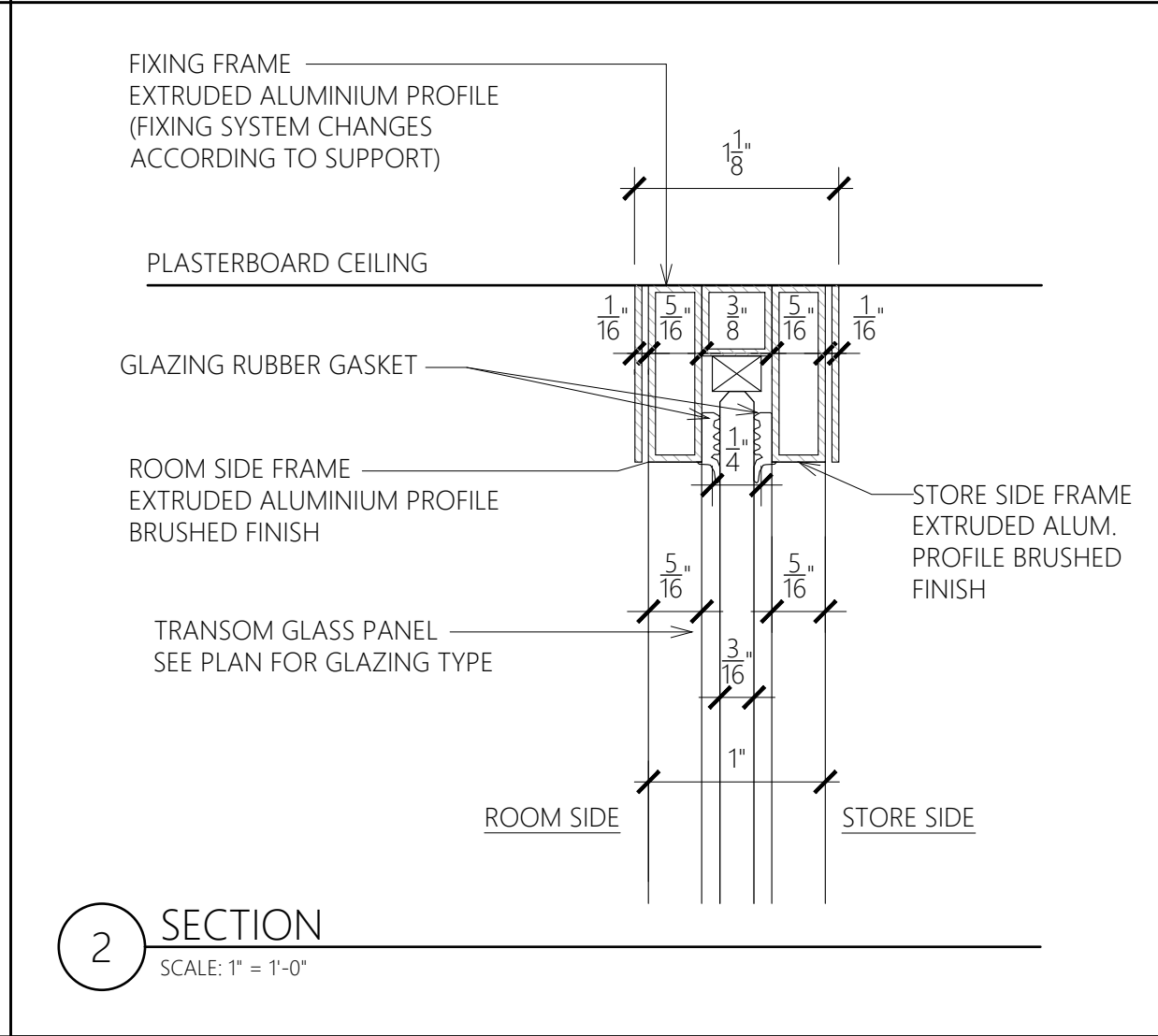
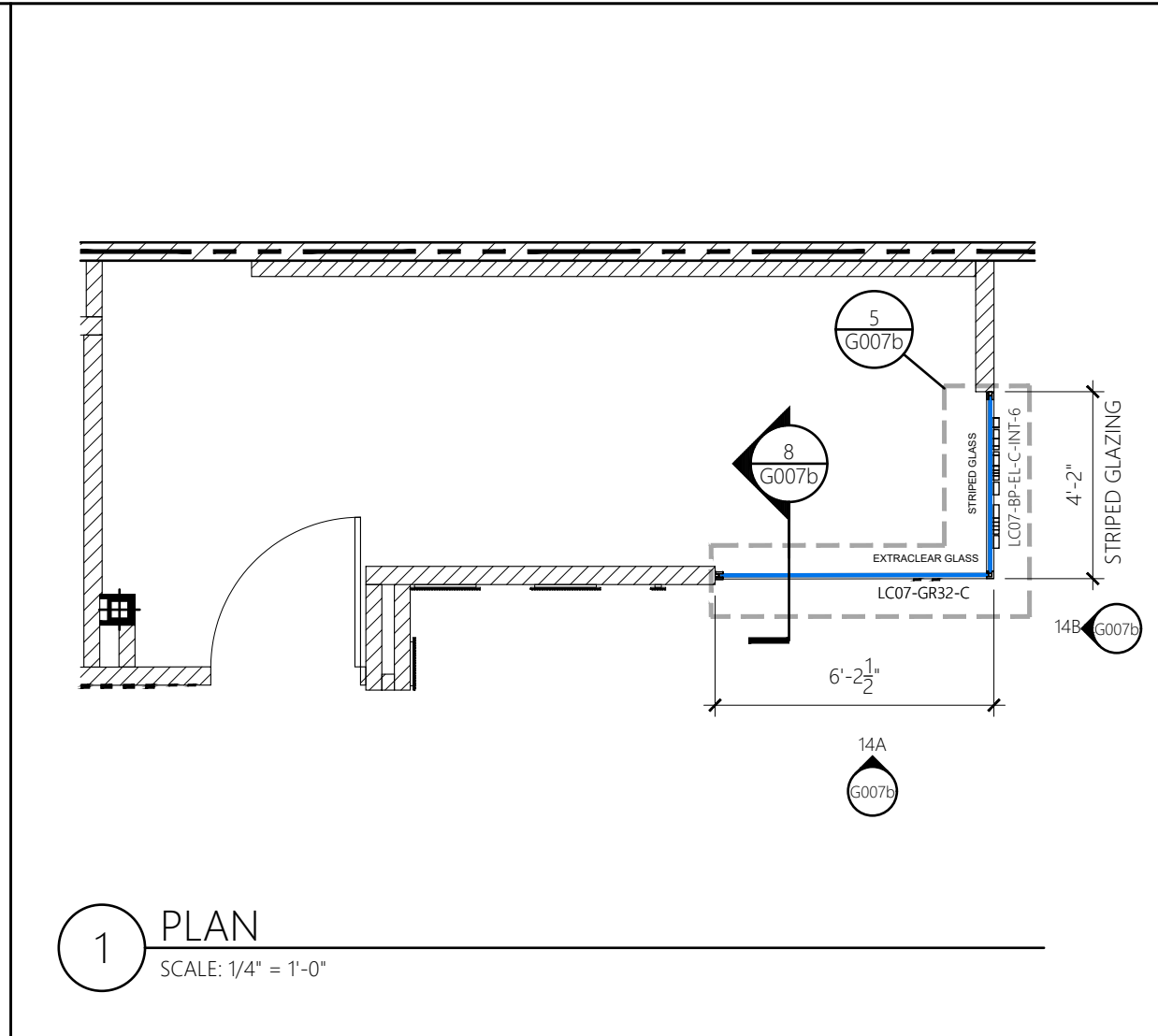
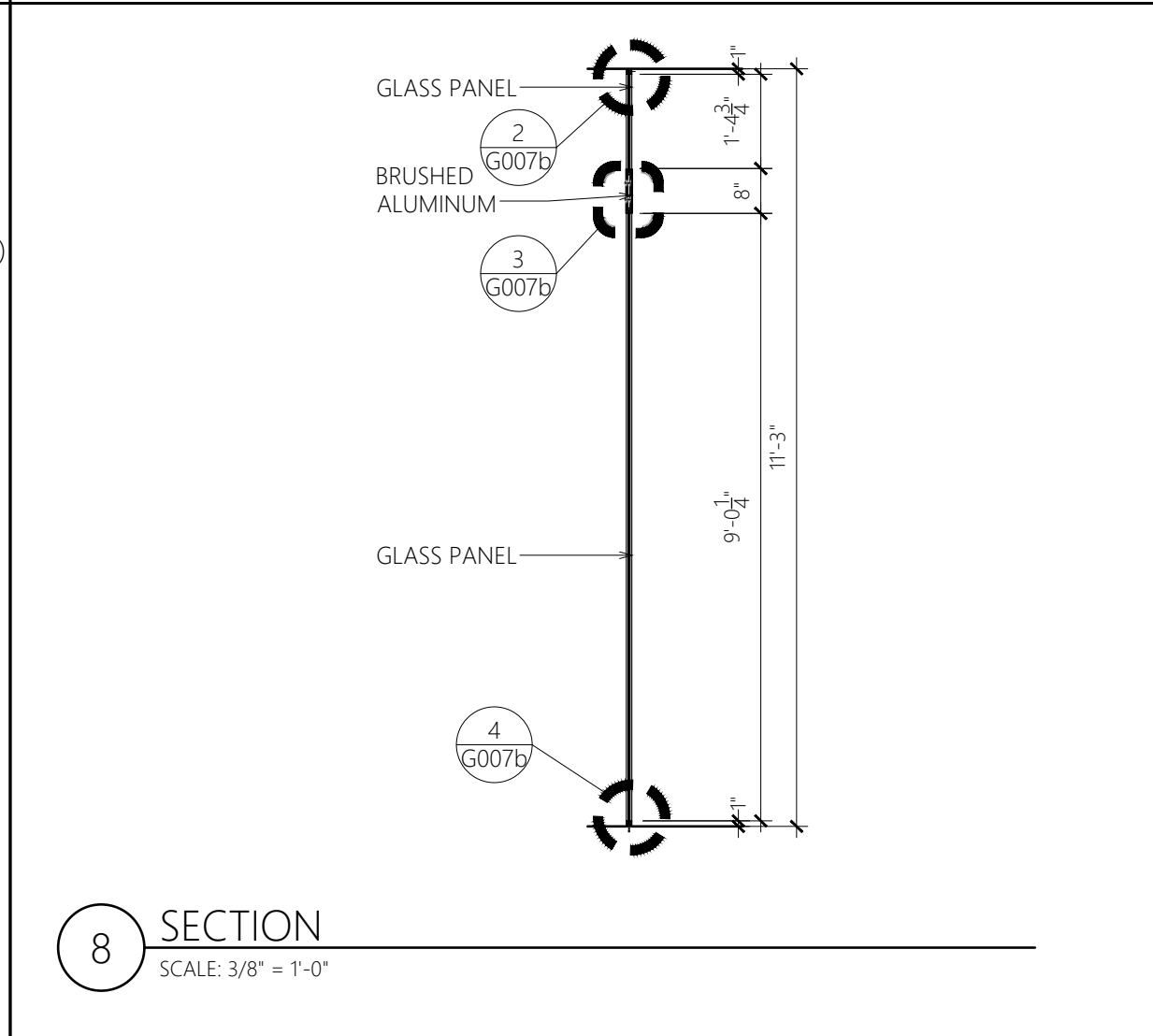
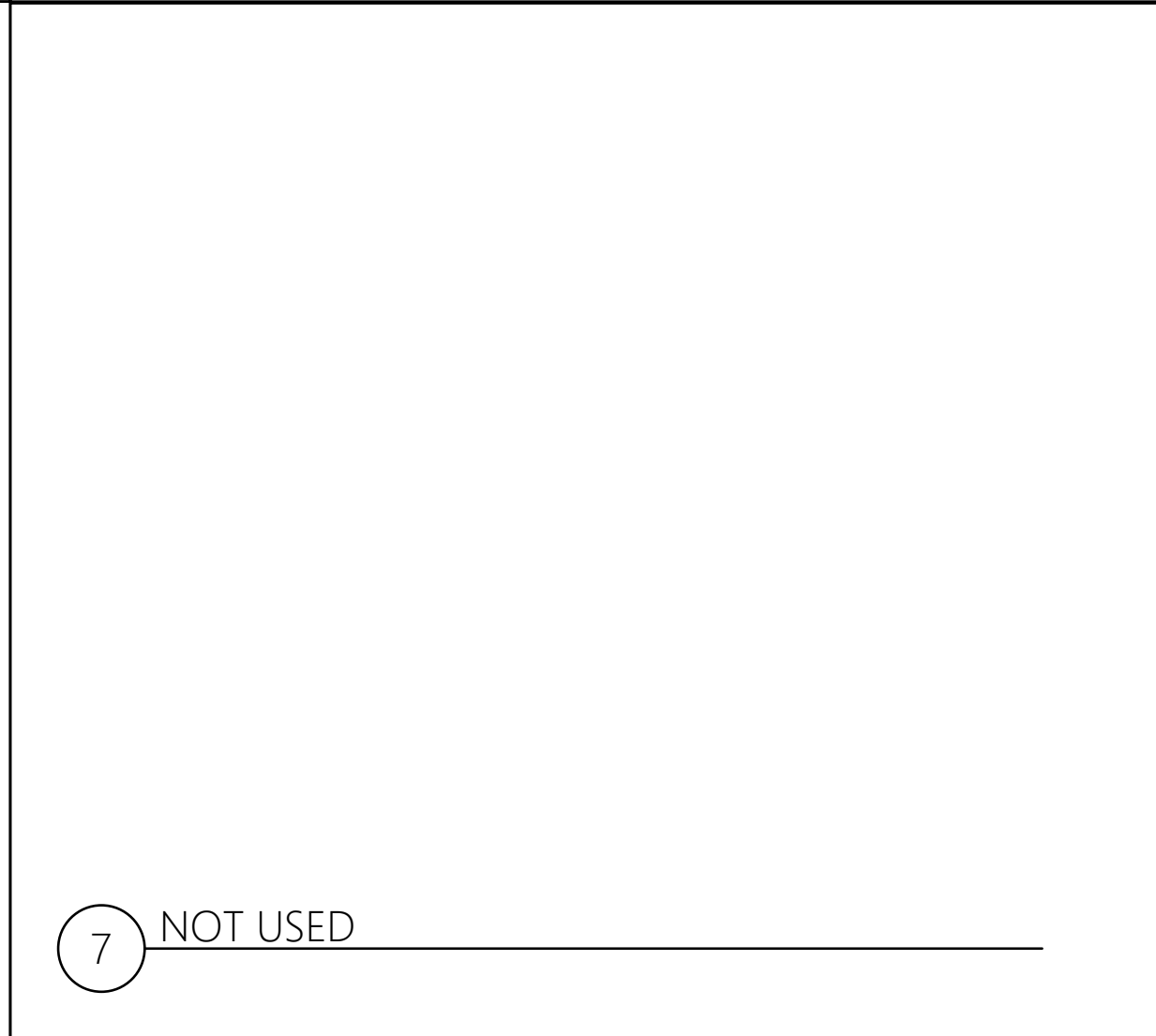
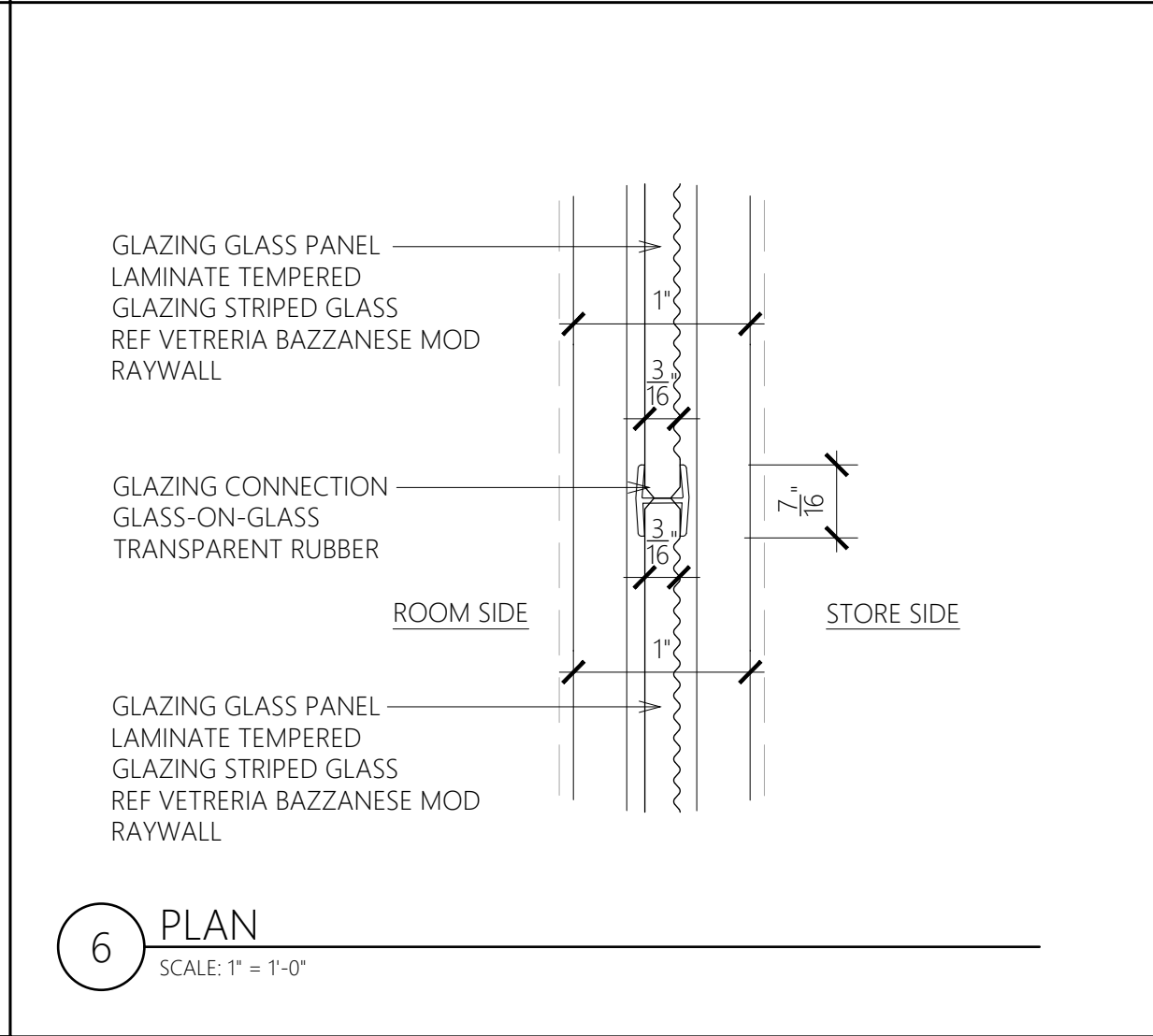
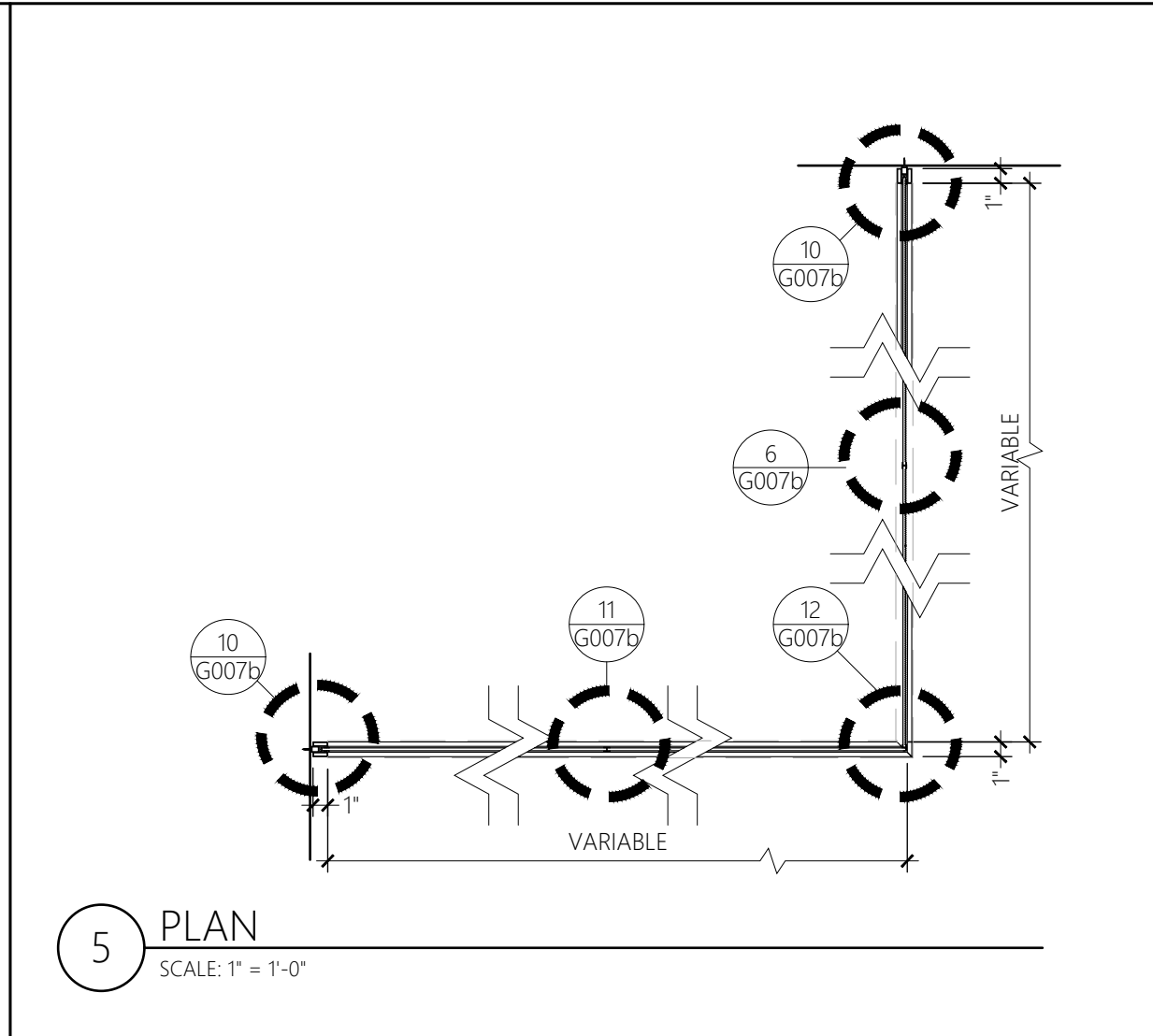
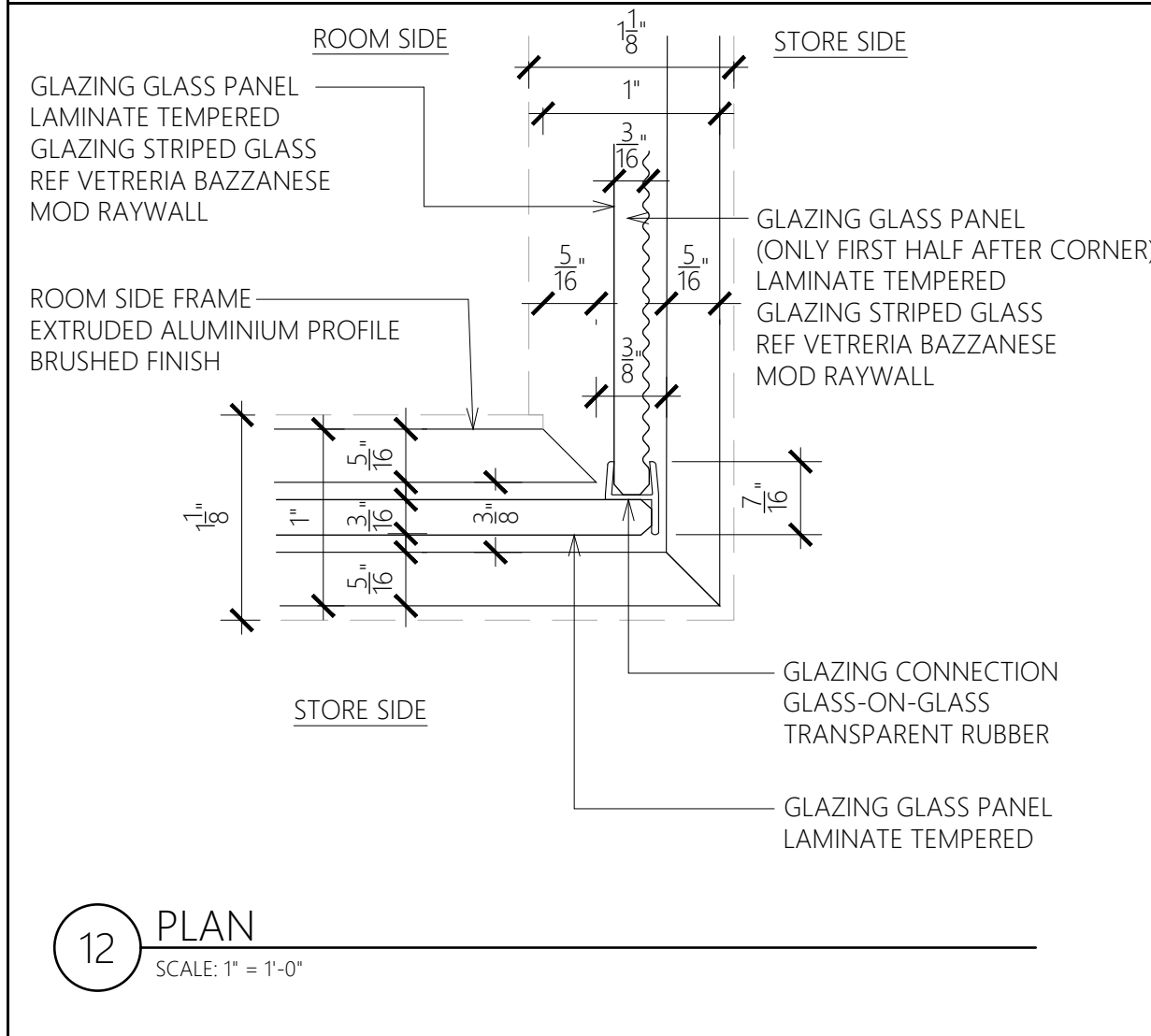
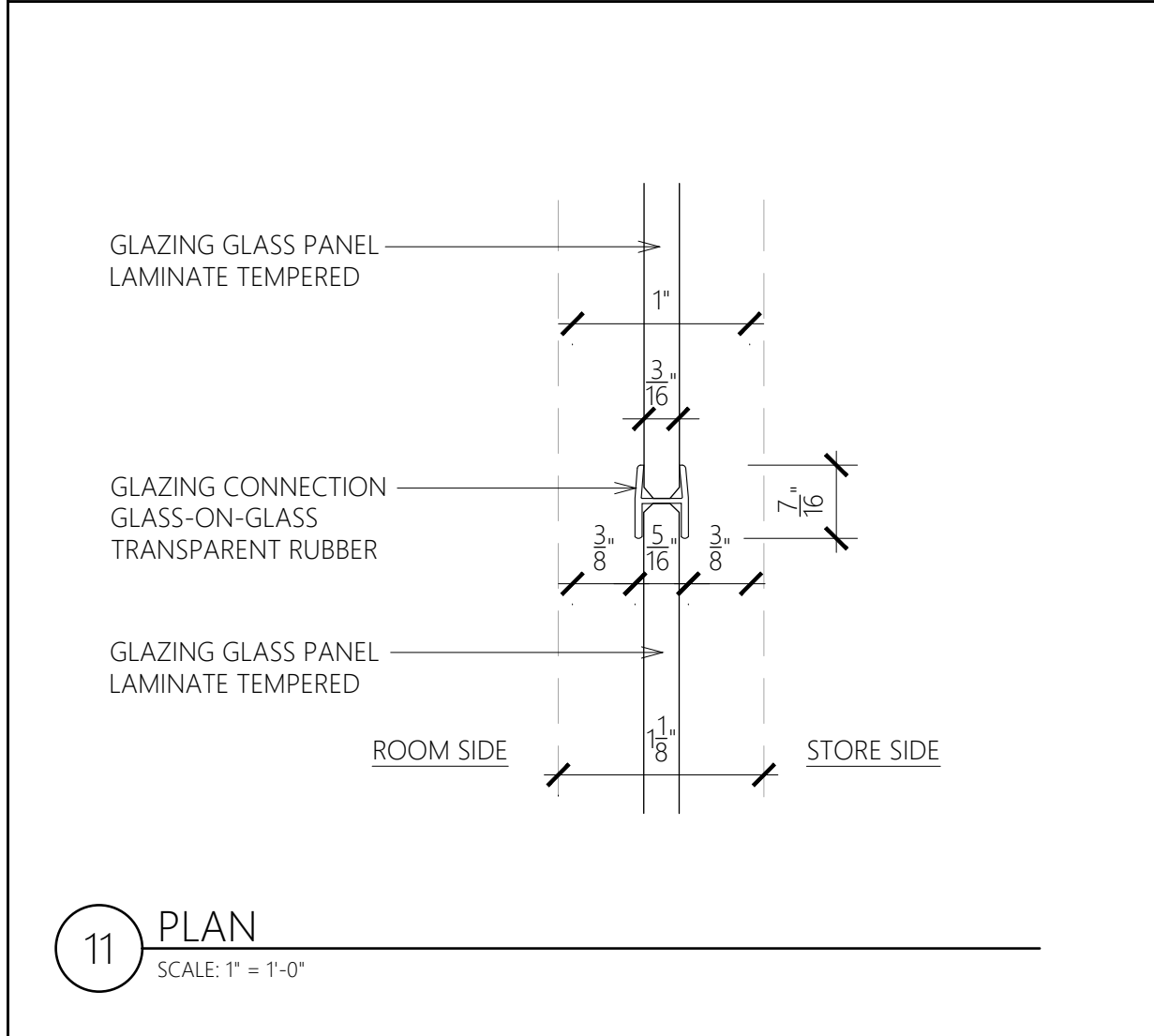
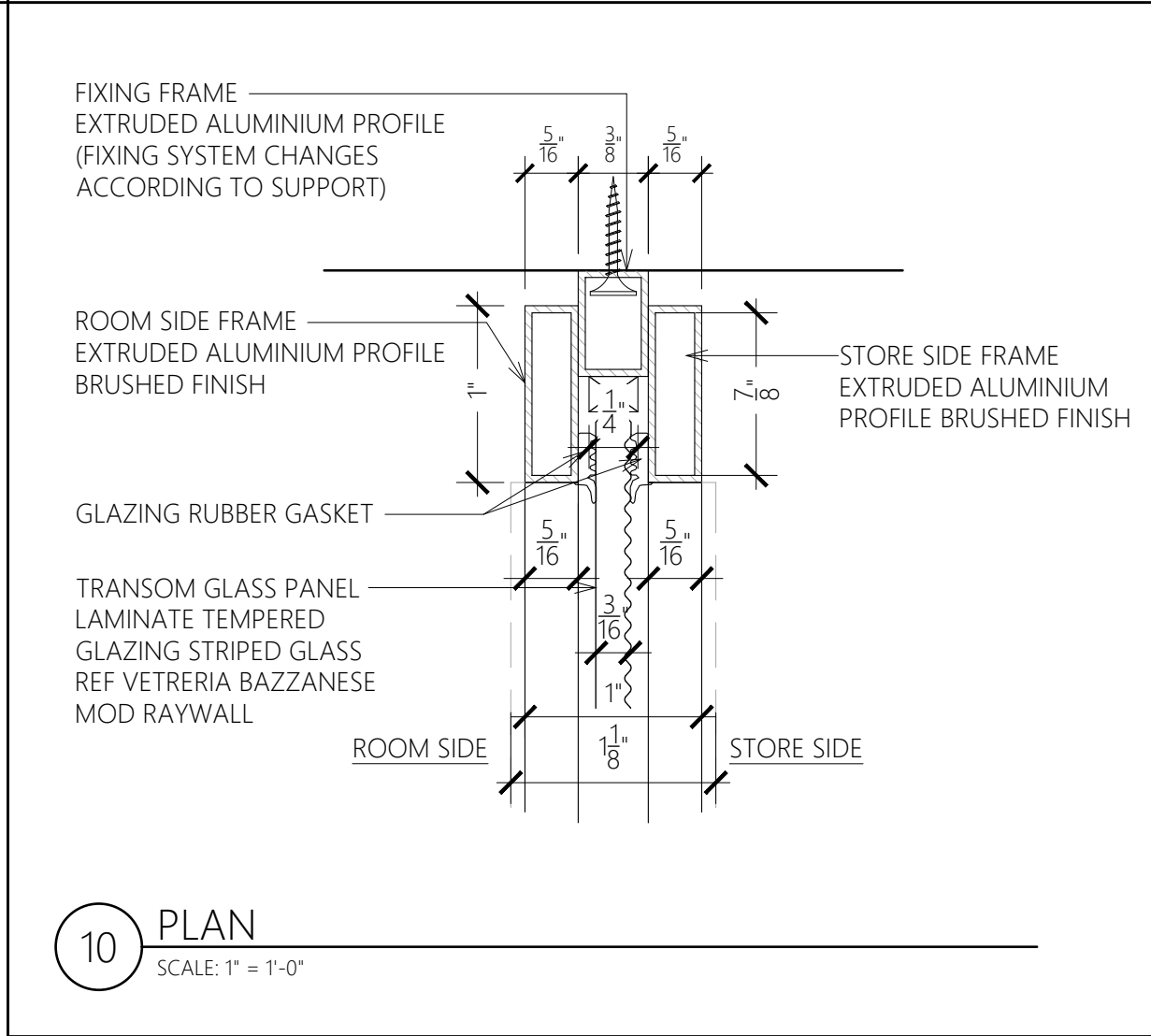
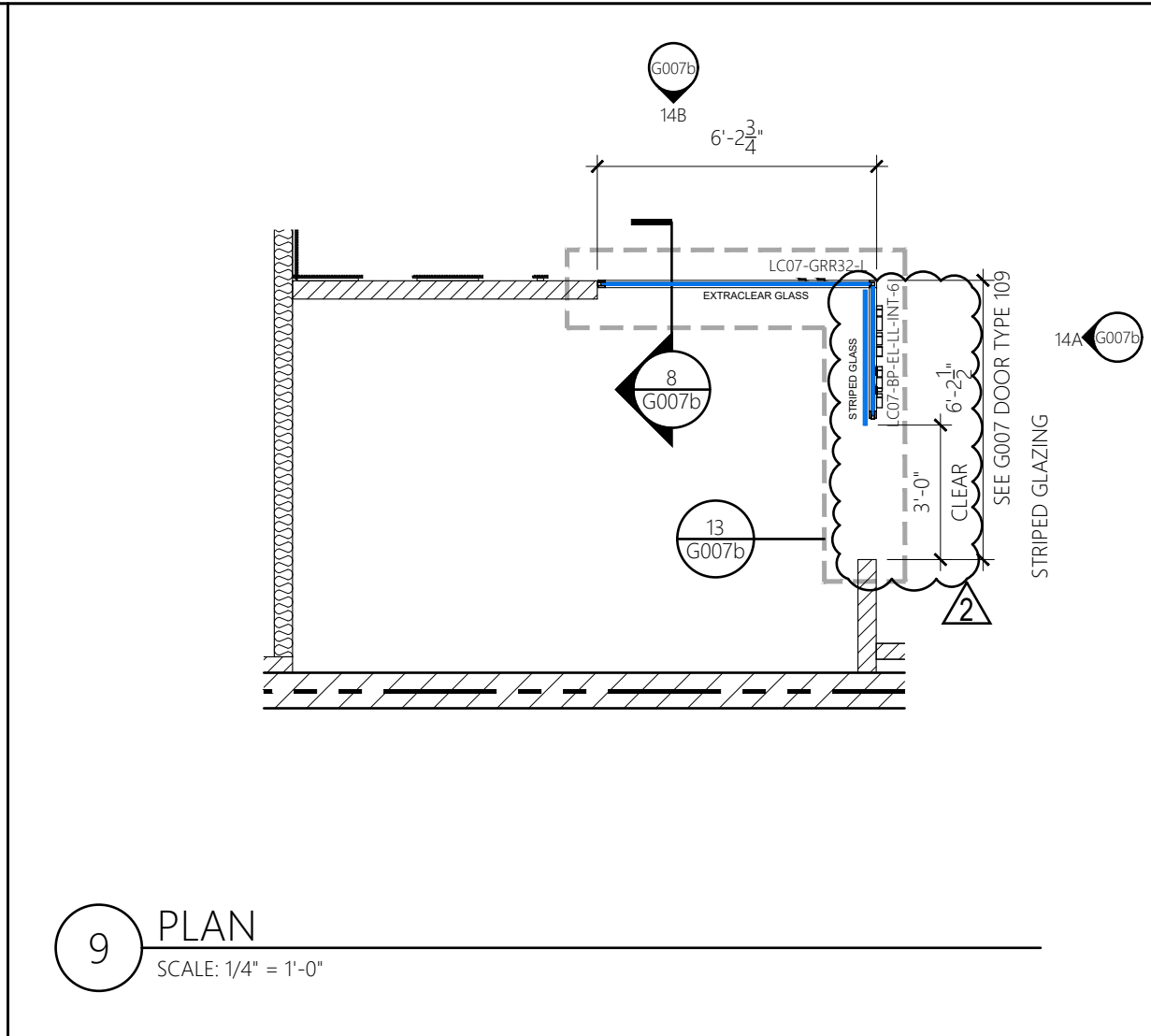
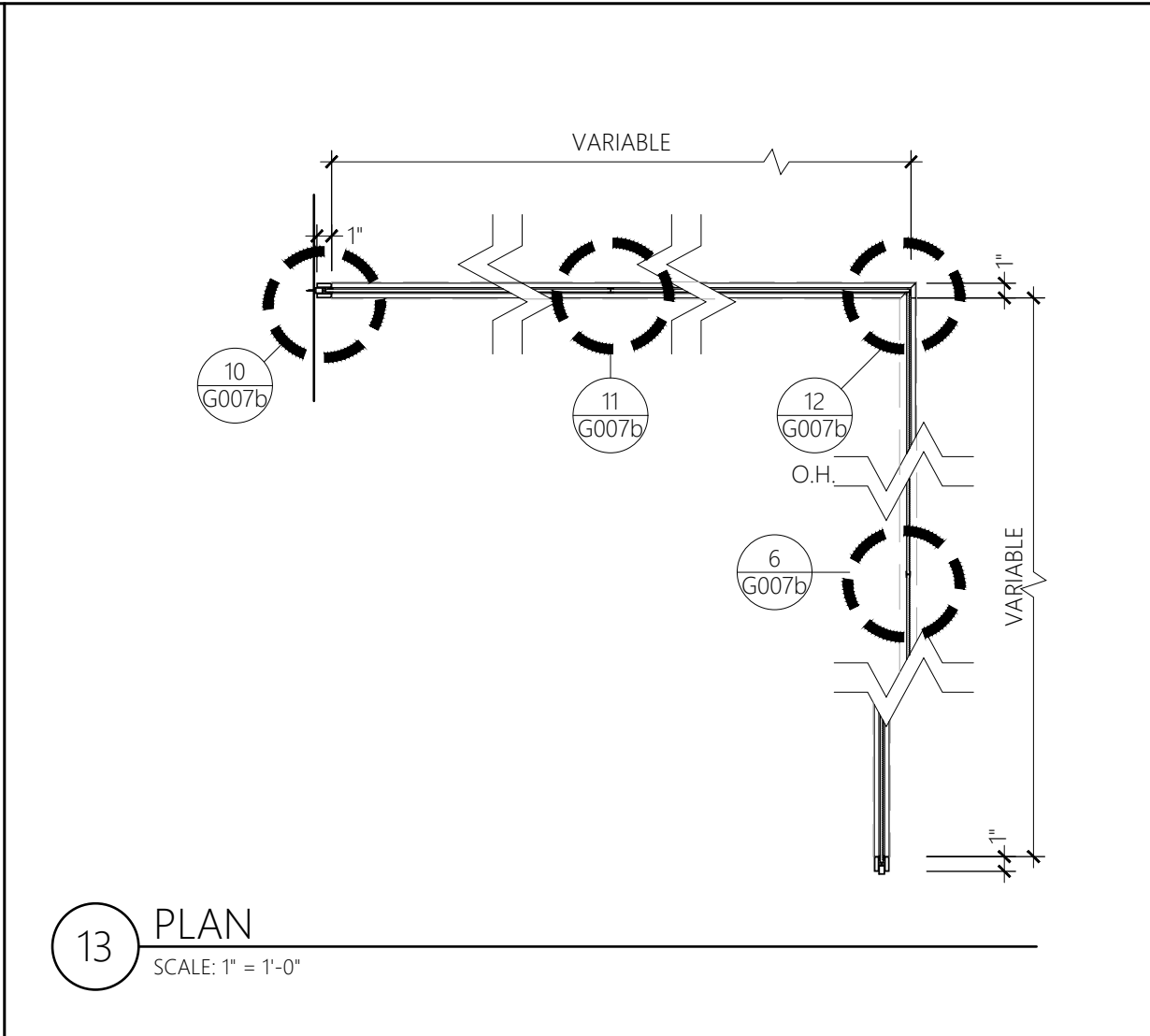
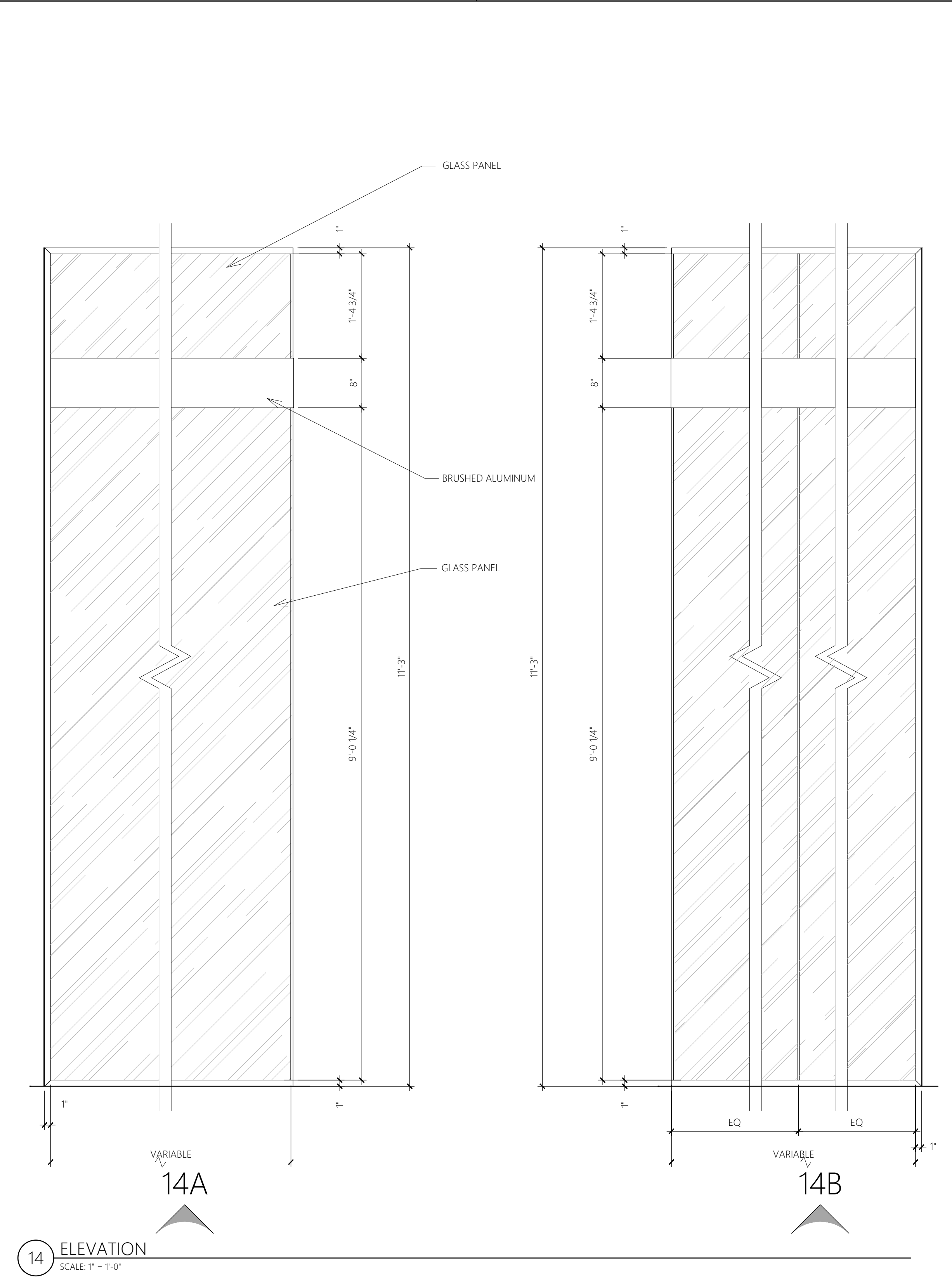
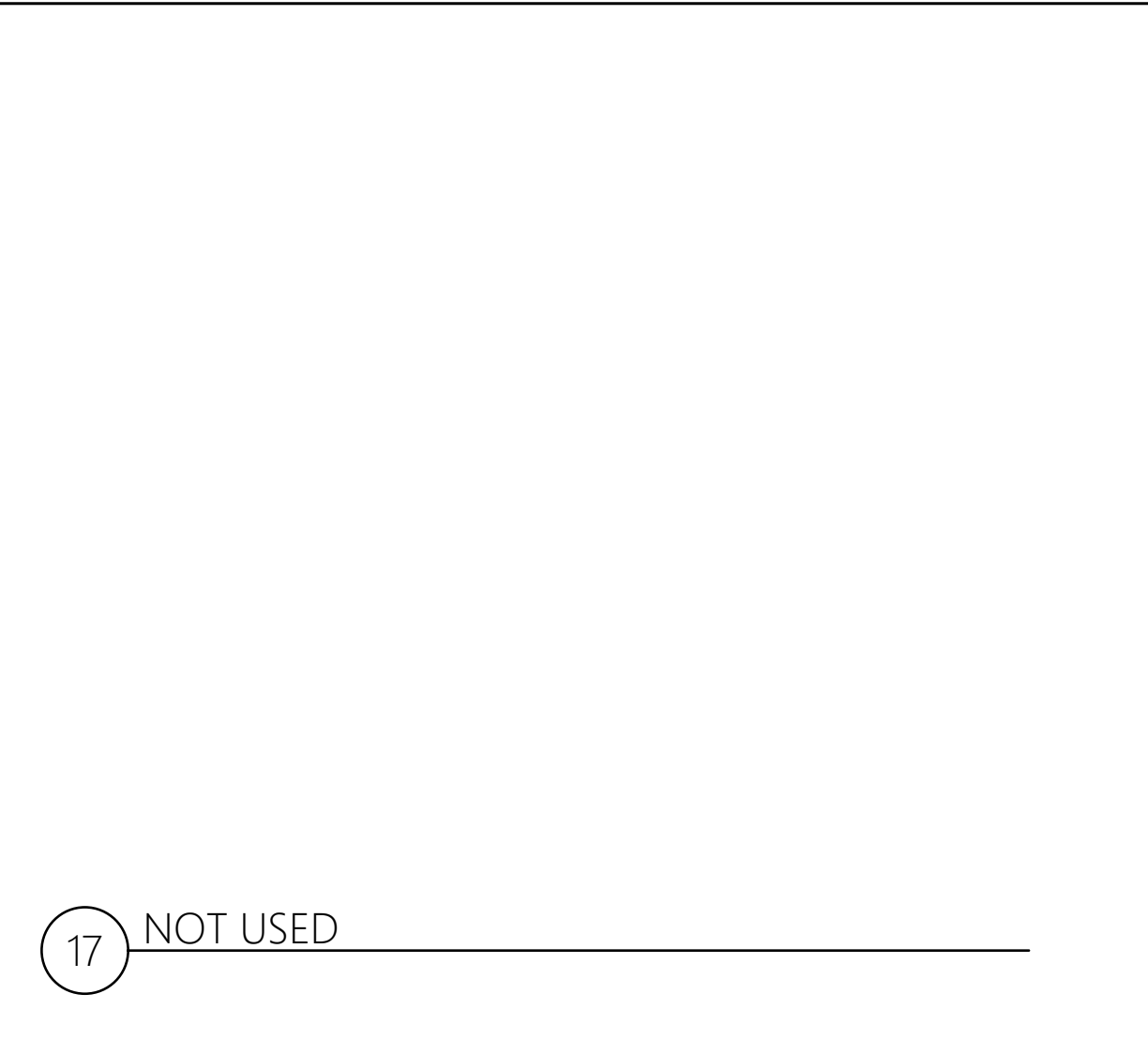
11110 MISCELLANEOUS  
PART 1 - GENERAL  
A. GENERAL CONTRACTOR TO INSTALL TRAFFIC COUNTING SYSTEM PER MANUFACTURER'S SPECIFICATIONS.  
1. THE SYSTEM'S TRANSMITTER AND REFLECTOR ARE TO BE INSTALLED AT EACH PUBLIC ENTRANCE, 52" A.F.F., AS INDICATED IN DRAWINGS. DOOR SWING NOR ANY OTHER OBSTRUCTION SHOULD BLOCK THE "BEAM" PATH.  
2. THE SYSTEM'S RECEIVER IS TO BE INSTALLED IN CASH-DESK CABINETRY.  
B. GENERAL CONTRACTOR TO INSTALL FULL HEIGHT, WHITE CORNER GUARDS WITH WHITE ADHESIVE WHERE INDICATED ON DRAWINGS.

END OF DIVISION

SPECIFICATIONS (4 OF 4)

<div>RELEASED FOR CONSTRUCTION As Noted on Plans Review DESIGN &amp; CONSTRUCTION MANAGEMENT: Lee's Summit, Missouri 64082/2021</div> <div>NEXTORE • 4000 Luxottica Place, Mason, OH 45040 • 616.933.9000 • 6 Cranberry Brook, East Granby, CT 06026 • 860.655.4319/3006</div> <div>STORE # 1643 SUMMITWOODS CROSSING 1700 NW CHIPMAN RD LEE'S SUMMIT, MO 64081</div> <div>Construction for:</div> <div>LENSCRAFTERS A Subsidiary of the Luxottica Group 4000 Luxottica Place Mason, Ohio 45040</div> <div>Revisions:<table><thead><tr><th>Mark</th><th>Date</th><th>By</th></tr></thead><tbody><tr><td>△</td><td></td><td></td></tr><tr><td>△</td><td></td><td></td></tr><tr><td>△</td><td></td><td></td></tr><tr><td>△</td><td></td><td></td></tr><tr><td>△</td><td></td><td></td></tr><tr><td>△</td><td></td><td></td></tr><tr><td>△</td><td></td><td></td></tr><tr><td>△</td><td></td><td></td></tr><tr><td>△</td><td></td><td></td></tr></tbody></table><div>Architect of Record</div><div>JLL Architecture, LLC 200 East Randolph Drive Chicago, IL 60601  51 W. 3rd Street, # 201 Tempe, AZ 85281 tel +1 480 626 6304 fax +1 480 401 3602</div><div>Seal<div></div></div><div>Architect Job No.: LUX-305</div><div>Nextore Store Design Revision No.:<div>REV 06</div></div><div>Nextore project Number 84169</div><div>Brand Design Type: LC06 AUGNORM</div><div>ISSUED FOR: <input type="checkbox"/> Construction</div><div>Title</div><div>SPECIFICATIONS 4 OF 4</div><div><table><tr><td>Date 10/01/21</td><td>Sheet</td></tr><tr><td>Drawn By STAFF</td><td rowspan="2">G006</td></tr><tr><td>Checked By JHM</td></tr></table></div></div>				Mark	Date	By	△			△			△			△			△			△			△			△			△			Date 10/01/21	Sheet	Drawn By STAFF	G006	Checked By JHM	<div>DIVISION 15000A - PLUMBING PART 1 - GENERAL</div> <div>A. GENERAL CONDITIONS, CODES &amp; STANDARDS</div> <div>1. ALL WORK SHOWN ON THE PLUMBING DOCUMENTS IS TO BE PROVIDED AND INSTALLED BY THE PLUMBING CONTRACTOR, UNLESS NOTED OTHERWISE. 2. ALL WORK TO MEET APPLICABLE CODES AS LOCALLY ENFORCED. NO WORK ON THE DRAWINGS IS TO BE INSTALLED WHERE IT CONFLICTS WITH LOCAL CODE ENFORCEMENT. COORDINATE WITH THE LOCAL INSPECTOR PRIOR TO INSTALLATION. 3. GENERAL CONTRACTOR SHALL PAY FOR AND OBTAIN ALL NECESSARY LICENSES, PERMITS AND INSPECTIONS REQUIRED TO PROCEED WITH THE WORK. THIS SHALL INCLUDE ALL REQUIRED COORDINATION WITH THE LOCAL UTILITY COMPANIES AND THEIR ASSOCIATED FEES OR COSTS.</div> <div>B. SCOPE OF WORK</div> <div>1. ONLY MAJOR EQUIPMENT IS SHOWN ON THE DRAWINGS. THE PLUMBING CONTRACTOR SHALL BID AND CONSTRUCT A COMPLETE AND OPERATIONAL SYSTEM. MISCELLANEOUS EQUIPMENT REQUIRED TO COMPLETE THE WORK IS IN THE PLUMBING CONTRACTOR'S SCOPE - ASSUME NO WORK OR EQUIPMENT IS PROVIDED BY OTHERS UNLESS STATED AS SUCH. 2. DURING BIDDING: 2.1. VERIFY THE EXISTING CONDITIONS AND COMPENSATE FOR ANY VARIATIONS IN THE SCOPE AS A RESULT. 2.3. WHERE THERE IS A CONFLICT THAT CANNOT BE RESOLVED BY THE GENERAL CONTRACTOR, ADVISE ENGINEER PROMPTLY FOR A RESOLUTION. DO NOT PROVIDE WORK WHEN THERE IS UNCERTAINTY ON WHAT WORK IS TO BE PERFORMED. 3. AS PART OF THE BIDDING PROCESS, REPORT TO THE TENANT ANY ERRORS OR UNCLEAR DIRECTIONS THAT YOU HAVE IDENTIFIED.</div> <div>C. DOCUMENTS</div> <div>1. SUBSTITUTIONS 1.1. THE MANUFACTURERS AND MODEL NUMBERS INDICATED IN THE CONTRACT DOCUMENTS ARE FOR THE PURPOSE OF DESCRIPTION AND TO ESTABLISH A BASE LEVEL OF QUALITY. THE GENERAL CONTRACTOR'S BID WILL CONTEMPLATE THE USE OF THE EQUIPMENT AND MATERIALS EQUIVALENT TO THOSE INDICATED. 2. MISCELLANEOUS ITEMS NECESSARY TO COMPLETE THE SYSTEMS CAN BE OF ANY RECOGNIZED MANUFACTURE PROVIDED THESE ITEMS MEET MINIMUM STANDARDS AS SET IN THESE SPECIFICATIONS.</div> <div>D. CONSTRUCTION COORDINATION</div> <div>1. DURING BIDDING YOU VISITED THE SITE. WORK WITH THE GENERAL CONTRACTOR TO COORDINATE ANY CONFLICTS WITH EXISTING CONDITIONS. THIS WORK SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE TENANT. 2. GENERAL CONTRACTOR SHALL LOCATE, IDENTIFY AND PROTECT ANY EXISTING SERVICES WHICH ARE REQUIRED TO BE MAINTAINED OPERATIONAL AND SHALL EXERCISE EXTRA CAUTION IN THE PERFORMANCE OF ALL WORK TO AVOID DISTURBING SUCH FACILITIES. ALL COSTS FOR REPAIR OF DAMAGES TO SUCH SERVICES SHALL BE PAID BY THE GENERAL CONTRACTOR CAUSING THE DAMAGE.</div> <div>PART 2 - MATERIALS</div> <div>A. GENERAL</div> <div>1. PROVIDE STOP VALVES AT EVERY FIXTURE ON BOTH HOT AND COLD WATER SUPPLY LINES. VALVES, ESCUTCHEONS, FITTINGS, ETC. MUST BE CHROME PLATED. WHERE EXPOSED, CHROME PLATED PIPE IS TO BE USED. 2. ALL ABOVE GROUND PIPING SHALL BE INSULATED WITH FIBERGLASS PIPING INSULATION WITH AN ALL SERVICE JACKET AND SELF SEALING LAP (ASJ/SSL). 2.1 DOMESTIC HOT AND COLD WATER PIPING UP TO 3/4 INCH DIAMETER - 1/2 INCH THICK. 2.2 FITTINGS AND VALVES SHALL BE INSULATED WITH PRE-MOLDED FIBERGLASS FITTINGS AND COVERED WITH A PRE-FORMED PVC FITTING COVER.</div> <div>PART 3 - EXECUTION</div> <div>A. GENERAL</div> <div>1. THE ENTIRE PLUMBING INSTALLATION, MATERIALS, EQUIPMENT, ETC. SHALL CONFORM TO THE REQUIREMENTS OF THE LOCALLY ENFORCED CODES AND STANDARDS. 1.1. VERIFY FINAL ROUGH IN WITH ARCHITECT PRIOR TO WALL INSTALLATION. 2. PIPING IS TO BE INSTALLED CONCEALED - SURFACE MOUNTED PIPING IN FINISHED AREAS IS NOT ACCEPTABLE. 3. ALL EXPOSED OR ACCESSIBLE P-TRAPS MUST BE PROVIDED WITH BOTTOM CLEANOUT PLUGS. 4. INSULATE EXPOSED P-TRAPS, HOT AND COLD VALVES AND PIPING SERVING HANDICAPPED LAVATORIES. 5. IF SPACE ABOVE CEILING IS INDICATED TO BE A RETURN AIR PLENUM, CONSTRUCTION MATERIALS ABOVE CEILING SHALL BE NONCOMBUSTIBLE, OR HAVE A MAXIMUM 25 FLAME SPREAD AND 50 SMOKE DEVELOPMENT FINISH RATING. WIRING SHALL BE LABELED PLENUM RATED TYPE PER NFPA 70. 6. ALL CLEANOUTS ARE TO BE INSTALLED FLUSH WITH THE FINISHED FLOOR OR WALL.  B. INSULATION 1. EXTEND INSULATION WITHOUT INTERRUPTION THROUGH WALLS, FLOORS, HANGERS AND SIMILAR PENETRATIONS. 2. MAINTAIN ACCESS TO VALVES</div> <div>DIVISION 15000B - MECHANICAL I. GENERAL PROVISIONS</div> <div>A. GENERAL CONDITIONS, CODES &amp; STANDARDS</div> <div>1. ALL WORK SHOWN ON THE MECHANICAL DOCUMENTS IS TO BE PROVIDED AND INSTALLED BY THE PLUMBING CONTRACTOR, UNLESS NOTED OTHERWISE. 2. ALL WORK TO MEET APPLICABLE CODES AS LOCALLY ENFORCED. NO WORK ON THE DRAWINGS IS TO BE INSTALLED WHERE IT CONFLICTS WITH LOCAL CODE ENFORCEMENT. COORDINATE WITH THE LOCAL INSPECTOR PRIOR TO INSTALLATION. 3. GENERAL CONTRACTOR SHALL PAY FOR AND OBTAIN ALL NECESSARY LICENSES, PERMITS AND INSPECTIONS REQUIRED TO PROCEED WITH THE WORK. THIS SHALL INCLUDE ALL REQUIRED COORDINATION WITH THE LOCAL UTILITY COMPANIES AND THEIR ASSOCIATED FEES OR COSTS.</div> <div>B. SCOPE OF WORK</div> <div>1. ONLY MAJOR EQUIPMENT IS SHOWN ON THE DRAWINGS. THE MECHANICAL CONTRACTOR SHALL BID AND CONSTRUCT A COMPLETE AND OPERATIONAL SYSTEM. MISCELLANEOUS EQUIPMENT REQUIRED TO COMPLETE THE WORK IS IN THE MECHANICAL CONTRACTOR'S SCOPE - ASSUME NO WORK OR EQUIPMENT IS PROVIDED BY OTHERS UNLESS STATED AS SUCH. 2. DURING BIDDING: 2.1. VERIFY THE EXISTING CONDITIONS AND COMPENSATE FOR ANY VARIATIONS IN THE SCOPE AS A RESULT. 2.3. WHERE THERE IS A CONFLICT THAT CANNOT BE RESOLVED BY THE GENERAL CONTRACTOR, ADVISE ENGINEER PROMPTLY FOR A RESOLUTION. DO NOT PROVIDE WORK WHEN THERE IS UNCERTAINTY ON WHAT WORK IS TO BE PERFORMED. 3. AS PART OF THE BIDDING PROCESS, REPORT TO THE TENANT ANY ERRORS OR UNCLEAR DIRECTIONS THAT YOU HAVE IDENTIFIED.</div> <div>C. DOCUMENTS</div> <div>1. SUBSTITUTIONS 1.1. THE MANUFACTURERS AND MODEL NUMBERS INDICATED IN THE CONTRACT DOCUMENTS ARE FOR THE PURPOSE OF DESCRIPTION AND TO ESTABLISH A BASE LEVEL OF QUALITY. THE GENERAL CONTRACTOR'S BID WILL CONTEMPLATE THE USE OF THE EQUIPMENT AND MATERIALS EQUIVALENT TO THOSE INDICATED. 2. MISCELLANEOUS ITEMS NECESSARY TO COMPLETE THE SYSTEMS CAN BE OF ANY RECOGNIZED MANUFACTURE PROVIDED THESE ITEMS MEET MINIMUM STANDARDS AS SET IN THESE SPECIFICATIONS.</div> <div>D. CONSTRUCTION COORDINATION</div> <div>1. DURING BIDDING YOU VISITED THE SITE. WORK WITH THE GENERAL CONTRACTOR TO COORDINATE ANY CONFLICTS WITH EXISTING CONDITIONS. THIS WORK SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE TENANT. 2. GENERAL CONTRACTOR SHALL LOCATE, IDENTIFY AND PROTECT ANY EXISTING SERVICES WHICH ARE REQUIRED TO BE MAINTAINED OPERATIONAL AND SHALL EXERCISE EXTRA CAUTION IN THE PERFORMANCE OF ALL WORK TO AVOID DISTURBING SUCH FACILITIES. ALL COSTS FOR REPAIR OF DAMAGES TO SUCH SERVICES SHALL BE PAID BY THE GENERAL CONTRACTOR CAUSING THE DAMAGE.</div> <div>II. INSULATION</div> <div>A. GENERAL</div> <div>1. EXTEND INSULATION WITHOUT INTERRUPTION THROUGH WALLS, FLOORS, HANGERS AND SIMILAR PENETRATIONS. 2. MAINTAIN ACCESS TO BALANCING DAMPERS AND VALVES. 3. INSULATION SHALL BE BY OWENS-CORNING, KNAUF, OR MANVILLE. 4. ALL DUCTWORK AND PIPING SHALL BE INSULATED</div> <div>VI. AIR DISTRIBUTION</div> <div>A. AIR DISTRIBUTION</div> <div>1. DUCTWORK (ROUND OR RECTANGULAR OR SPIRAL) SHALL BE OF GALVANIZED STEEL CONSTRUCTION AND SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE SMACNA MANUAL AND SEALED. 2. CHANGES IN DUCT SIZES SHALL BE MADE BY UNIFORM TAPER SECTION WITH A MAXIMUM INCLUDE ANGLE OF DIVERGENCE OF 15DEGREES. 3. FINAL CONNECTIONS TO DIFFUSERS MAY BE MADE WITH FLEXIBLE DUCTWORK BUT IT'S USE IS LIMITED TO STRAIGHT HORIZONTAL OR VERTICAL RUNS. ALL CHANGES OF DIRECTION IN A DUCT SYSTEM (GALVANIZED OR FLEXIBLE) SHALL BE MADE WITH AN APPROPRIATE GALVANIZED ELBOW. MAXIMUM LENGTH OF ANY FLEXIBLE DUCT IS 5'-0". 4. FLEXIBLE DUCTS TO DIFFUSERS: MAXIMUM LENGTH OF FLEXIBLE DUCT TO DIFFUSER TO BE 5'-0".</div> <div>VIII. TESTING AND BALANCING</div> <div>A. SYSTEM TO BE TESTED AND BALANCED WITH A REPORT SHOWING ACTUAL AIR FLOWS AT NEWLY INSTALLED DIFFUSERS. AIR FLOW TO BE WITHIN 15% OF THE DESIGN VALUE SHOWN ON THE DRAWINGS. WHERE THIS AIR QUANTITY CANNOT BE MET, ADJUST UPSTREAM DAMPERS UNTIL IT IS MET. COORDINATE THIS WORK WITH MACY'S OPERATIONS.</div> <div>DIVISION 16000 - ELECTRICAL</div> <div>PART 1 - GENERAL</div> <div>A. GENERAL CONDITIONS, CODES &amp; STANDARDS</div> <div>1. ALL WORK SHOWN ON THE ELECTRICAL DOCUMENTS IS TO BE PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR, UNLESS NOTED OTHERWISE. 2. ALL WORK TO MEET APPLICABLE CODES AS LOCALLY ENFORCED. NO WORK ON THE DRAWINGS IS TO BE INSTALLED WHERE IT CONFLICTS WITH LOCAL CODE ENFORCEMENT. COORDINATE WITH THE LOCAL INSPECTOR PRIOR TO INSTALLATION. 3. ELECTRICAL CONTRACTOR SHALL PAY FOR AND OBTAIN ALL NECESSARY LICENSES, PERMITS AND INSPECTIONS REQUIRED TO PROCEED WITH THE WORK. THIS SHALL INCLUDE ALL REQUIRED COORDINATION WITH THE LOCAL UTILITY COMPANIES AND THEIR ASSOCIATED FEES OR COSTS. 4. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIAL, EQUIPMENT AND TOOLS NECESSARY TO COMPLETE THE ELECTRICAL WORK AS SHOWN ON THE DRAWINGS OR SPECIFIED HEREIN. 5. TEMPORARY ELECTRICAL SERVICE, LIGHTING, AND RELATED WIRING SHALL BE PROVIDED TO OSHA REQUIREMENTS FOR THE USE OF ALL TRADES DURING CONSTRUCTION.</div> <div>B. SCOPE OF WORK</div> <div>1. ONLY MAJOR EQUIPMENT IS SHOWN ON THE DRAWINGS. THE ELECTRICAL CONTRACTOR SHALL BID AND CONSTRUCT A COMPLETE AND OPERATIONAL SYSTEM. MISCELLANEOUS EQUIPMENT REQUIRED TO COMPLETE THE WORK IS IN THE ELECTRICAL CONTRACTOR'S SCOPE - ASSUME NO WORK OR EQUIPMENT IS PROVIDED BY OTHERS UNLESS STATED AS SUCH. 2. DURING BIDDING: 2.1. VERIFY THE EXISTING CONDITIONS AND COMPENSATE FOR ANY VARIATIONS IN THE SCOPE AS A RESULT. 2.3. WHERE THERE IS A CONFLICT THAT CANNOT BE RESOLVED BY THE GENERAL CONTRACTOR, ADVISE ENGINEER PROMPTLY FOR A RESOLUTION. DO NOT PROVIDE WORK WHEN THERE IS UNCERTAINTY ON WHAT WORK IS TO BE PERFORMED. 3. AS PART OF THE BIDDING PROCESS, REPORT TO THE TENANT ANY ERRORS OR UNCLEAR DIRECTIONS THAT YOU HAVE IDENTIFIED.</div> <div>C. DOCUMENTS</div> <div>1. SUBSTITUTIONS 1.1. THE MANUFACTURERS AND MODEL NUMBERS INDICATED IN THE CONTRACT DOCUMENTS ARE FOR THE PURPOSE OF DESCRIPTION AND TO ESTABLISH A BASE LEVEL OF QUALITY. THE GENERAL CONTRACTOR'S BID WILL CONTEMPLATE THE USE OF THE EQUIPMENT AND MATERIALS EQUIVALENT TO THOSE INDICATED. 2. MISCELLANEOUS ITEMS NECESSARY TO COMPLETE THE SYSTEMS CAN BE OF ANY RECOGNIZED MANUFACTURE PROVIDED THESE ITEMS MEET MINIMUM STANDARDS AS SET IN THESE SPECIFICATIONS.</div> <div>D. CONSTRUCTION COORDINATION</div> <div>1. DURING BIDDING YOU VISITED THE SITE. WORK WITH THE GENERAL CONTRACTOR TO COORDINATE ANY CONFLICTS WITH EXISTING CONDITIONS. THIS WORK SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE TENANT. 2. GENERAL CONTRACTOR SHALL LOCATE, IDENTIFY AND PROTECT ANY EXISTING SERVICES WHICH ARE REQUIRED TO BE MAINTAINED OPERATIONAL AND SHALL EXERCISE EXTRA CAUTION IN THE PERFORMANCE OF ALL WORK TO AVOID DISTURBING SUCH FACILITIES. ALL COSTS FOR REPAIR OF DAMAGES TO SUCH SERVICES SHALL BE PAID BY THE GENERAL CONTRACTOR CAUSING THE DAMAGE.</div> <div>PART 2 - PRODUCTS</div> <div>A. WIRING DEVICES</div> <div>1. DUPLEX RECEPTACLES SHALL BE GROUNDING TYPE; NEMA 5-20R, RATED FOR 20 AMPS, 125 VOLTS, WITH PROVISIONS FOR BACK AND SIDE WIRING. 1.1. SPECIFICATION GRADE DUPLEX RECEPTACLE SHALL BE HUBBELL #5362 SERIES OR APPROVED EQUAL, HEAVY DUTY, WHITE. 1.3. GROUND FAULT CIRCUIT INTERRUPTER (GFI) DUPLEX RECEPTACLES SHALL BE PROVIDED WHERE INDICATED. 2. SWITCHES SHALL BE TOGGLE OPERATED, QUIET TYPE, RATED FOR 20 AMPS, 120/277 VOLTS, WITH PROVISIONS FOR BACK AND SIDE WIRING. THREE WAY AND FOUR WAY SWITCHES SHALL BE PROVIDED WHERE INDICATED. 2.1. SINGLE POLE SWITCHES SHALL BE LEVITON #1221 SERIES OR APPROVED EQUAL, SILENT ACTUATING, 20-AMP, 120/277V, WHITE. 2.2. THREE POLE SWITCHES SHALL BE LEVITON #1223 SERIES OR APPROVED EQUAL, SILENT ACTUATING, 20-AMP, 120/277V, WHITE. 3. DIMMERS SHALL BE LEVITON SLIDING DIMMER SWITCH, OF A RATING, VOLTAGE AND WATTAGE SUITABLE FOR LOAD SERVED. COLORS OF DEVICES AND COVERPLATES SHALL WHITE. 4. COMBINATION WALL DIMMER/OCCUPANT SENSOR SHALL BE LUTRON MAESTRO 0-10V DIMMER WITH INTEGRAL PASSIVE INFRARED OCCUPANT SENSING, AVAILABLE IN 1-WAY OR 3-WAY CONFIGURATIONS. COLOR TO BE WHITE. VERIFY LOAD SERVED IS COMPATIBLE PRIOR TO ORDERING. 5. WIRING DEVICES SHALL BE SPECIFICATION GRADE. 6. COVERPLATES FOR POWER, DATA &amp; TELEPHONE SHALL BE LEVITON OR APPROVED EQUAL, WHITE, PLASTIC. LIGHTING CONTRACTORS SHALL BE IN NEMA 1 ENCLOSURE, NORMALLY OPEN ELECTRICALLY HELD, 120V, COIL, 20A. REFER TO PLANS FOR NUMBER OF POLES. LIGHTING AND RECEPTACLE LOAD CENTERS (PANELS).</div> <div>1. BRANCH CIRCUIT LOAD CENTERS SHALL BE DEAD FRONT TYPE, WITH MAIN LUGS OR MAIN OVERCURRENT DEVICE AS INDICATED, BRANCH OVERCURRENT DEVICES AS NOTED AND AN EQUIPMENT GROUND BAR, ALL IN A FLUSH MOUNTED SHEET STEEL ENCLOSURE. MINIMUM SHORT CIRCUIT CAPACITY SHALL BE 10,000 AMPS SYMMETRICAL FOR 120/208V, AND 14,000 AMPS SYMMETRICAL FOR 277/480V APPLICATION UNLESS NOTED OTHERWISE. LOAD CENTERS MUST BE SELECTED TO FIT IN A STANDARD STUD WALL. 2. LOAD CENTERS SHALL BE AS MANUFACTURED BY SQUARE D, GENERAL ELECTRIC, ITE/SIEMENS AND WESTINGHOUSE/CUTLER HAMMER. A. FIXTURES AND LAMPS 1. ALL FIXTURES AND LAMPS ARE FURNISHED BY TENANT, INSTALLED BY ELECTRICAL CONTRACTOR..  D. FIRE ALARM SYSTEM 1. PROVIDED BY MACY'S.</div> <div>PART 3 - EXECUTION</div> <div>A. GENERAL MISCELLANEOUS</div> <div>1. ALL CONDUIT RUN IN FINISHED AREAS SHALL BE CONCEALED. 2. PROVIDE TYPEWRITTEN DIRECTORY CARDS WITH BRANCH CIRCUIT IDENTIFICATION FOR BRANCH CIRCUIT PANELBOARDS, PANELBOARDS, FEEDER DEVICES, DISTRIBUTION EQUIPMENT AND STARTERS SHALL BE FIELD MARKED TO WARN QUALIFIED PERSONS OF POTENTIAL ELECTRIC ARC FLASH HAZARDS IN ACCORDANCE WITH NEC 110.16. 3. INSTALL HANDLE GUARDS ON ALL BREAKERS FOR NIGHT LIGHTING, EMERGENCY AND SIMILAR CIRCUITS. 4. ALL FLUSH MOUNTED ;LOADCENTERS SHALL HAVE (3) 3/4" EMPTY CONDUITS INSTALLED TO ABOVE ACCESSIBLE CEILING FOR FUTURE USE. 5. THE FINAL LOCATIONS OF ALL EQUIPMENT, OUTLETS, ETC. SHALL BE SUBJECT TO REASONABLE CHANGES IN LOCATION UP TO THE TIME OF ROUGHING-IN, AT NO ADDITIONAL COST TO THE TENANT. B. GROUNDING 1. GROUNDING OF THE ELECTRICAL SYSTEM SHALL BE BY MEANS OF AN INSULATED GROUNDING CONDUCTOR INSTALLED WITH ALL FEEDERS AND BRANCH CIRCUIT CONDUCTORS IN ALL CONDUITS AND SUPPLEMENTAL AS REQUIRED TO MEET CODE (SUCH AS ARTICLE 517). C. TESTS 1. TEST FOR GROUNDS, SHORT CIRCUITS, AND PROPER FUNCTION OF ALL EQUIPMENT AFTER INSTALLATION IS COMPLETE. FAULTS IN THE INSTALLATION SHALL BE CORRECTED AT NO COST TO THE TENANT. D. DEMOLITION 1. DEMOLITION OF EXISTING ELECTRICAL EQUIPMENT, IF APPLICABLE, SHALL BE PART OF THE ELECTRICAL WORK AS INDICATED ON THE DRAWINGS.</div>
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Date 10/01/21	Sheet																																						
Drawn By STAFF	G006																																						
Checked By JHM																																							





RELEASED FOR  
CONSTRUCTION  
As Noted on Plans Review

DESIGN & CONSTRUCTION  
MANAGEMENT: Lee's Summit, Missouri  
120020201

NEXTORE

2000 Luxottica Place, Mason, OH 45040  
1 (513) 355-0000  
1 Connerly Blvd., East Granby, CT 06026  
1 (860) 433-8700

STORE # 1643  
SUMMITWOODS CROSSING  
1700 NW CHIPMAN RD  
LEE'S SUMMIT, MO 64081

Construction for:

LENSCRAFTERS  
A Subsidiary of the Luxottica Group  
4000 Luxottica Place Mason, Ohio 45040

Revisions:

Mark	Date	By
△	10/22/21	STAFF
△		CITY COMMENTS
△	10/29/21	STAFF
△		OWNER REVISIONS
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Architect of Record  
  
JLL Architecture, LLC  
200 East Randolph Drive  
Chicago, IL 60601  
  
51 W. 3rd Street, # 201  
Tempe, AZ 85281  
tel +1 480 626 6304  
fax +1 480 401 3602

Seal

Architect Job No.: LUX-305  
Nextore Store Design Revision No.:  
**REV 06**  
Nextore project Number: 84169  
Brand Design Type: LC06 AUGNORM  
ISSUED FOR:  
☐ Construction  
Title  
GLAZING DETAILS  
Date: 10/01/21  
Drawn By: STAFF  
Checked By: JHM  
Sheet: G007b

2	LC06AUGNORM - ACCESSORY SCHEDULE					SUPPLIED	RECEIVED	INSTALLED
CODE	ITEM	DESCRIPTION	ROOM	REMARKS				
SK3-1	SINK	VENDOR: JET SINKS VENDOR PART #: CLF-ADA-10, 1 HOLE FINISH: STAINLESS STEEL	CONTACT LENS ROOM	(1) SINK PER COUNTER AS INDICATED ON PLAN	GC	GC	GC	
SK3-1 SK7-1 SK9	FAUCET	VENDOR: SLOAN VENDOR PART #: EBF-415-BAT-TEE-0.5GPM-MLM-IR-FCT FINISH: BRUSHED STAINLESS	CONTACT LENS ROOM EXAM ROOM RESTROOM	(1) PER SINK	GC	GC	GC	
LCOD-HOOK	COAT HOOK ROUND WALL-MOUNTED HOOKS	VENDOR: NA ARTICLE #: 3042090; VENDOR PART #: 3524806 FINISH: MATTE STAINLESS STEEL	CONTACT LENS ROOM (2) PRE-TEST & ALCOVE ROOMS (2) EXAM ROOMS (2) SSM OFFICE (2) BOH/BREAK AREA (6) OD ADMIN OFFICE (2) RESTROOM (2)	<ul style="list-style-type: none"><li>WHERE MORE THAN ONE ARE PROVIDED, INSTALL @ 48" A.F.F. &amp; @ 60" A.F.F.</li><li>ROUND HOOK ONLY (INSTALL WITHOUT PROVIDED BACKPLATE)</li><li>GC TO PROVIDE AND INSTALL IN-WALL BLOCKING</li></ul>	T	GC	GC	
LCOD-CLM	COUNTER TOP MIRROR MOVEABLE MIRROR	VENDOR: DECOR WALTHER ARTICLE #: 3042093; VENDOR PART #: SPT-65-0113100-CH FINISH: POLISHED CHROME	CONTACT LENS ROOM	(1) PER CONTACT LENS COUNTER	T	GC	GC	
LCOD-STD	SQUARE TISSUE DISPENSER	VENDOR: M DESIGN ARTICLE #: 3042091; VENDOR PART #: 5711MDBA-MD FINISH: BRUSHED STEEL	CONTACT LENS ROOM LAB FITTING COUNTERS	(1) PER CONTACT LENS COUNTER (1) IN LAB (1) PER FITTING COUNTER IN RETAIL	T	GC	GC	
LCOD-TRASH	FREE-STANDING TRASH CAN	VENDOR: DECOR WALTHER ARTICLE #: 3042095; VENDOR PART #: DW215-0610976 FINISH: MATTE STAINLESS STEEL	CONTACT LENS ROOM LAB PRE-TEST & ALCOVE ROOMS EXAM ROOMS SSM OFFICE BOH/BREAK AREA OD ADMIN OFFICE	(1) PER ROOM	T	GC	GC	
LCOD-HTD	PAPER HAND TOWEL DISPENSER	VENDOR: PRUDENTIAL ARTICLE #: 3042097; VENDOR PART #: 99065 FINISH: MATTE STAINLESS STEEL	CONTACT LENS ROOM LAB EXAM ROOMS	(1) PER CONTACT LENS SINK (1) IN LAB (1) PER EXAM ROOM	T	GC	GC	
LCOD-SD	SOAP DISPENSER	VENDOR: DECOR WALTHER ARTICLE #: 3042087; VENDOR PART #: LEN-DW0521276 FINISH: SATIN STAINLESS STEEL	CONTACT LENS ROOM LAB EXAM ROOMS	(1) PER CONTACT LENS SINK (1) IN LAB (1) PER EXAM ROOM	T	GC	GC	
SK8	SINK	VENDOR: AMERICAN STANDARD VENDOR PART #: PORTSMOUTH, 18S86181600S.075 FINISH: STAINLESS STEEL DIMENSIONS: 17-13/16 W X 15-15/16 D X 6H INCHES	LAB	(1) PER LAB AS INDICATED ON PLAN	GC	GC	GC	
SK8	FAUCET	VENDOR: AMERICAN STANDARD VENDOR PART #: 4332.350.F15, FINISH 075 FINISH: STAINLESS STEEL	LAB	(1) PER LAB SINK	GC	GC	GC	
SK8	EYE WASH	VENDOR: GUARDIAN VENDOR PART #: G1849-LH-L FINISH: POLISH CHROME-PLATED BRASS	LAB	(1) PER LAB SINK	GC	GC	GC	
24" MOP HOLDER	24" MOP HOLDER	VENDOR: ABCO ARTICLE #: 3041934; VENDOR PART #: LEN-600MBR24 FINISH: STAINLESS STEEL	LAB	(1) PER MOP SINK	T	GC	GC	
SK7-1	SINK	VENDOR: ELKAY SPECIFICATIONS VENDOR PART #: ASANA RL19 FINISH: 316 STAINLESS STEEL	EXAM ROOM	(1) PER EXAM ROOM	GC	GC	GC	
LCOD-MWB	GLASS MAGNETIC WHITE BOARD	VENDOR: LENGLOSSBOARD ARTICLE #: 3042089; VENDOR PART #: 83843 FINISH: GLOSS WHITE	SSM OFFICE BOH/BREAK AREA	(1) PER MANAGER OFFICE AREA (1) PER BREAK AREA ROOM	T	GC	GC	
LCOD-LKR	LOCKERS	VENDOR: Penco PRODUCTS ARTICLE #: 3043380 VENDOR PART #: 963379 WELDED GEN2 LOCKER, 6-TIER, SOLID DOOR, SLAM LATCH FINISH: 054 CANVAS DIMENSIONS: 12"W X 18" D	BOH/BREAK AREA	TO INCLUDE LOCKS	T	GC	GC	
LCOD-FRIG	REFRIGERATOR	VENDOR: AVANTI ARTICLE #: 3043383; VENDOR PART #: SAR14N1B-110 FINISH: BLACK	BOH/BREAK AREA		T	GC	GC	
LCOD-MICRO	MICROWAVE	VENDOR: ABCO ARTICLE #: 3041466 VENDOR PART #: LEN-MICROWAVE1	BOH/BREAK AREA		T	GC	GC	
LCOD-WD	WATER DISPENSER	VENDOR: ABCO ARTICLE #: 3042092; VENDOR PART #: LEN-A9 FINISH: BLACK/STAINLESS	BOH/BREAK AREA		T	GC	GC	
SK9	SINK	VENDOR: DURAVIT VENDOR PART #: 2316600000 1 FAUCET HOLE FINISH: WHITE	RESTROOM	(1) PER RESTROOM	GC	GC	GC	
LCOD-RRM	WALL MIRROR	VENDOR: T.B.D. VENDOR PART #: T.B.D. FINISH: T.B.D.	RESTROOM	(1) PER RESTROOM	T	GC	GC	
LCOD-TPH	TOILET PAPER HOLDER	VENDOR: DELTA ARTICLE #: 3042094; VENDOR PART #: 79956-SS FINISH: STAINLESS STEEL	RESTROOM	(1) PER RESTROOM	T	GC	GC	
LCOD-BB	BATH-ROOM BRUSH	VENDOR: NEMESIA ARTICLE #: 3042096; VENDOR PART #: LEN-NN330313 FINISH: STAINLESS STEEL	RESTROOM	(1) PER RESTROOM	T	GC	GC	
LCOD-AHD	AIR HAND DRYER	VENDOR: DYSON ARTICLE #: 3042088; VENDOR PART #: 307174-01 FINISH: SPRAYED NICKEL	RESTROOM	(1) PER RESTROOM	T	GC	GC	
LCOD-WMT	WALL-MOUNTED TRASH CAN	VENDOR: BRADLEY ARTICLE #: 3041932; VENDOR PART #: 4A10-11 FINISH: STAINLESS STEEL	RESTROOM	(1) PER RESTROOM	T	GC	GC	
LCOD-WSD	WALL-MOUNTED SENSOR SOAP DISPENSER	VENDOR: BRADLEY ARTICLE #: 3042086; VENDOR PART #: 6A00-110000 FINISH: STAINLESS STEEL	RESTROOM	(1) PER RESTROOM	T	GC	GC	
2-LC06AUGNORM-G008-REV00								

1	LC06 - FINISH SCHEDULE							NOTE: ALL SPECS MAY NOT BE USED IN EVERY STORE GENERAL NOTE: FOLLOW ALL MANUFACTURERS INSTALLATION AND MAINTENANCE INSTRUCTIONS		SUPPLY	RECEIVED	INSTALLED
	ITEM	MARK	DESCRIPTION	MFG. / CONTACT		MODEL / COLOR	ALT.	REMARKS				
APPLIED FINISHES	FIBERGLASS REINFORCED PLASTIC	FRP-2	F R P F R P WALL PANELS (4'-0" X 8'-0" X 1/8")	MARLITE	800-377-1221	P 100 WHITE	NONE	ACCESSORIES: INSIDE CORNER - #M350, OUTSIDE CORNER - #M360, DIVIDERS - #M365, EDGING - #M370, NOT USED IN PUBLIC ACCESSIBLE RESTROOMS	GC	GC	GC	
	PAINT	P-100	PAINT (EXTRA WHITE)	SHERWIN WILLIAMS	800-474-3794	INTERIOR READY MIX LATEX EXTRA WHITE, SW7006	NONE	WALL SHEEN: SATIN CEILING SHEEN: FLAT DOORS & TRIM SHEEN: SEMI-GLOSS	GC	GC	GC	
	PAINT	P-128	PAINT (DARK GREY)	BENJAMIN MOORE	866-708-9180	INTERIOR ACRYLIC LATEX COLOR: TEMPTATION BM-1609	NONE	WALL SHEEN: SATIN CEILING SHEEN: FLAT DOORS & TRIM SHEEN: SEMI-GLOSS	GC	GC	GC	
	PAINT	P-152	PAINT (DARK SLATE)	BENJAMIN MOORE	866-708-9180	INTERIOR ACRYLIC LATEX COLOR: FRENCH BERET BM-1610	NONE	WALL SHEEN: SATIN CEILING SHEEN: FLAT DOORS & TRIM SHEEN: SEMI-GLOSS	GC	GC	GC	
	PAINT	P-160	PAINT (MEDIUM GREY)	BENJAMIN MOORE	866-708-9180	INTERIOR ACRYLIC LATEX COLOR: CEMENT GREY BM-2112-60	NONE	WALL SHEEN: SATIN CEILING SHEEN: FLAT DOORS & TRIM SHEEN: SEMI-GLOSS	GC	GC	GC	
	PAINT	P-161	PAINT (TEAL)	BENJAMIN MOORE	866-708-9180	INTERIOR ACRYLIC LATEX COLOR: MALLARD GREEN BM-2053-10	NONE	WALL SHEEN: SATIN CEILING SHEEN: FLAT DOORS & TRIM SHEEN: SEMI-GLOSS	GC	GC	GC	
	PAINT	P-170	PAINT (WARM GRAY)	BENJAMIN MOORE	866-708-9180	INTERIOR ACRYLIC LATEX COLOR: GRAY OWL, BM-OC-52	NONE	WALL SHEEN: SATIN CEILING SHEEN: FLAT DOORS & TRIM SHEEN: SEMI-GLOSS	GC	GC	GC	
	PAINT	P-171	PAINT (WARM GRAY)	BENJAMIN MOORE	866-708-9180	INTERIOR ACRYLIC LATEX COLOR: SMOKE EMBERS, BM-1466	NONE	WALL SHEEN: SATIN CEILING SHEEN: FLAT DOORS & TRIM SHEEN: SEMI-GLOSS	GC	GC	GC	
	PAINT	P-172	PAINT (WARM BLUE)	BENJAMIN MOORE	866-708-9180	INTERIOR ACRYLIC LATEX COLLECTION COLOR: PHILIPSBURG BLUE HC-159	NONE	WALL SHEEN: SATIN CEILING SHEEN: FLAT DOORS & TRIM SHEEN: SEMI-GLOSS	GC	GC	GC	
	BRICK WALL PANEL	BWP-102	FLEXIBLE BRICK WALL PANEL	BRICK WEB	801-542-7050	OLD MILL THIN BRICK SYSTEMS COLOR: CASTLE GATE MORTAR COLOR: RED	NONE	-	GC	GC	GC	
	WALL TILE	WT-101	CERAMIC FLOOR TILE (60CM X 120CM, 23 5/8" X 47 1/8")	TENANT FURNISHED	-	FLOORGRES CEPPO DI GRE LUXOTTICA NATURALE ART. 771242 FORM 60X120	NONE	CUSTOM TILE. GROUT WIDTH 1/16"; COLOR T.B.D.	T	GC	GC	
	WOOD SLAT PANEL	WSP-101	WOOD SLAT PANEL	TENANT FURNISHED, G.C. RECEIVED & INSTALLED	-	WALNUT		CODED LC-06480-01" GC TO CUT AS NEEDED) PANEL SIZES ARE 9'-9 11/16"H X 33'-5/8" WX1-1/2"D	T	GC	GC	
BASE	FLUSH WALL BASE	FWB-100	3/4" X 3 1/8" MDF FLUSH WALL BASE & 7/8" REVEAL	BY GC	-	-	NONE	SEE DETAILS	GC	GC	GC	
	HARDWOOD BASE	HWB-100	1X1 HARDWOOD BASE (DRY: 3/4"X3/4")	BY GC	-	-	NONE	SEE DETAILS	GC	GC	GC	
	VINYL WALL BASE	VB-101	VINYL WALL BASE	JOHNSONITE	800-248-2878	-	NONE	-	GC	GC	GC	
FLOORING	VINYL TILE	VT-106	VINYL TILE	ARMSTRONG	877-276-7876	ARMSTRONG RAFFIA STREAM DIAMOND 10 RAIN Z5901 - 304.8MM X 609.6MM X 3.18MM	NONE	-	GC	GC	GC	
	WATERPROOF FLOOR MEMBRANE	WM-101	WATERPROOF FLOOR MEMBRANE	CUSTOM BUILDING PRODUCTS	800-272-2757	REDGARD CRACK PREVENTION AND WATERPROOFING MEMBRANE	NONE	USED IN RESTROOMS AND EXAM ROOMS WHEN REQUIRED BY LANDLORD. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.	GC	GC	GC	
	WALK-OFF MAT	MAT-1	ULTRA ENTRY MAT	MATS INC.	800-628-7462	PANEL COVER: GREY; INSERT: NEW YORK COLLECTION; COLOR: CHARCOAL	NONE	INSET TO FLOOR USED AT ENTRY DOORS IN EXTERIOR LOCATIONS.	GC	GC	GC	
	TILE FLOOR	TF-5E	CERAMIC FLOOR TILE (600 mm X 1200 mm, 23 5/8" X 47 1/8")	TENANT FURNISHED	-	FLORIM CERAMIC TILES SENSI MODEL: CASA DOLCE, CASA - CASAMOOD COLOR: GREYSAND	NONE	INSTALL MUST INCLUDE MFR'S. RECOMMENDED FIELD INSTALLATION METHOD, FLOOR PREP & ADHESIVE. 1/8" GROUT JOINT. GROUT AND SEALANT BY GC	T	GC	GC	
	TILE FLOOR	TF-601	CERAMIC FLOOR TILE (600 mm X 1200 mm, 23 5/8" X 47 1/8")	TENANT FURNISHED	-	FLOORGRES CEPPO DI GRE LUXOTTICA NATURALE ART. 771242 FORM 60X120	NONE	CUSTOM TILE. GROUT WIDTH 1/16"; COLOR T.B.D.	T	GC	GC	
	TILE FLOOR	TF-602	T.B.D.	-	-	-	NONE	-	T	GC	GC	
	CARPET	C-105	CARPET	MOHAWK / KARASTAN	-	PLATEAU II DC147; COLOR: 557 LAKE	NONE	-	T	GC	GC	
CEILING	ACOUSTICAL CEILING	AC-2	2' X 4' LAY-IN; 15/16" GRID	CERTAINTEED	800-233-8990	PAINT: P-171 / BENJAMIN MOORE 1466 SMOKE EMBERS	NONE	CLASS "A", REFERENCE "LUXOTTICA" AS ACCOUNT NAME USED IN BOH	GC	GC	GC	
	GYPSUM CEILING	GYP-2	GYPSUM BOARD CEILING - LEVEL 5 FINISH	USG	-	PAINT: P-152 / BENJAMIN MOORE FRENCH BERET BM-1610	NONE	-	GC	GC	GC	
	GYPSUM CEILING	GYP-4	GYPSUM BOARD CEILING - LEVEL 5 FINISH	USG	-	PAINT: P-160 / BENJAMIN MOORE CEMENT GREY BM-2112-60	NONE	-	GC	GC	GC	
	GYPSUM CEILING	GYP-5	GYPSUM BOARD CEILING - LEVEL 5 FINISH	USG	-	PAINT: P-161 / BENJAMIN MOORE MALLARD GREEN BM-2053	NONE	-	GC	GC	GC	
	GYPSUM CEILING	GYP-6	GYPSUM BOARD CEILING - LEVEL 5 FINISH	USG	-	PAINT: P-170 / BENJAMIN MOORE GRAY OWL BM-OC-52	NONE	-	GC	GC	GC	
	GYPSUM CEILING	GYP-7	GYPSUM BOARD CEILING - LEVEL 5 FINISH	USG	-	PAINT: P-171 / BENJAMIN MOORE 1466 SMOKE EMBERS	NONE	-	GC	GC	GC	
	GYPSUM CEILING	GYP-8	GYPSUM BOARD CEILING - LEVEL 5 FINISH	USG	-	PAINT: P-172 / BENJAMIN MOORE COLLECTION PHILIPSBURG BLUE HC-159	NONE	-	GC	GC	GC	
TRANSITION	TRANSITION STRIP	TS-1	TRANSITION STRIP (CARPET TO TILE)	SCHLUTER WWW.SCHLUTER.COM	-	SCHIENE, MINIMAL HEIGHT AS APPROPRIATE FOR FLOORING TRANSITION ALUMINUM (-A); 1/4" THICK EDGE	NONE	-	GC	GC	GC	
	TRANSITION STRIP	TS-5	TRANSITION STRIP (TILE TO MALL TILE FLOORING)	SCHLUTER WWW.SCHLUTER.COM	-	SCHLUTER - DECO, ALUMINUM (-A) HEIGHT AS APPROPRIATE FOR FLOORING TRANSITION, 1/4" THICK ALUMINUM EDGE	NONE	STOREFRONT ENTRY BETWEEN RETAIL TILE AND MALL TILE	GC	GC	GC	
GLAZING	GLAZING FILM	GF-2	GLAZING FILM - OPAQUE BLACK OUT	3M	866-499-8857	3635-228 BLACK MATTE	NONE	STOREFRONT WINDOWS WHERE SITE CONDITIONS REQUIRE	GC	GC	GC	
	GLAZING FILM	GF-4	GLAZING FILM - SECURITY FILM	3M	866-499-8857	3M SCOTCHSHIELD - ULTRA SERIES ULTRA 88008 MIL SINGLE SIDED (INT. SIDE ONLY)	NONE	G.C. TO PROVIDE AT EXTERIOR LOCATIONS PER MFG. SPEC. WHERE SECURITY SHUTTERS ARE NOT INSTALLED.	GC	GC	GC	
	GLAZING FILM	GF-5	GLAZING FILM - LIFESTYLE IMAGES	TENANT	-	-	NONE	-	T	T	T	
METAL	METAL CLADDING	M-109	METAL PANEL (GREY)	PRISMATICPOWDERS.COM	866-774-7628	CANNON GREY PSS 2748 SOLID TONE - MATTE FINISH	NONE	GC RESPONSIBLE FOR NEW AND OR REFURBISH OF CONSTRUCTION FOR STOREFRONT VENDOR TO APPLY FINISHES.	GC	GC	GC	
	METAL CLADDING	M-110	METAL PANEL (CHAMPAGNE)	SOUTHERN ALUMINUM FINISHING CO	404-355-1560	SAFINISH-SAF442LIGHT BRONZE, LIGHT RANGE, CLASS I A44 - ANODIZED BRUSHED	NONE	LEAD TIME ITEM TO PRODUCE FROM SOUTHERN ALUM. FINISHING. GC TO CONTACT MFG. FOR PROPER TIMING.	GC	GC	GC	
MISCELLANEOUS	FABRIC AWNING	FAB-100	FABRIC AWNING	SUNBRELLA	-	SLATE 4684-0000	NONE	AWNING FRAME: ALL EXPOSED SURFACES PAINTED MATTHEWS PAINT, ACRYLIC POLYURETHANE, MP 10269 DARK SLATE, MATTE FINISH.	GC	GC	GC	
	SILICONE	-	SILICONE MILDEW RESISTANT SEALANT	DOW CORNING CORP.	989-496-7881	WHITE DOW CORNING® 786	NONE	APPLIED ALONG ALL JOINTS IN AND AROUND SINKS, FRP JOINTS, VINYL BASE ALONG THE FLOOR OF THE LENS PROCESS ROOM MOP SINK.	GC	GC	GC	
	PRIMER/SEALER	-	LATEX PRIMER / SEALER FOR DRYWALL	ICI DULUX PAINTS	502-969-0181	#1020-1200PVA	NONE	ONE (1) COAT REQUIRED	GC	GC	GC	
	PRIMER/SEALER	-	LATEX PRIMER / SEALER FOR METAL	ICI DULUX PAINTS	502-969-0181	DEVGUARD #4120	NONE	ONE (1) COAT REQUIRED	GC	GC	GC	
	PRIMER/SEALER	-	LATEX PRIMER / SEALER FOR WOOD	ICI DULUX PAINTS	502-969-0181	WOOD UNDERCOATER	NONE	ONE (1) COAT REQUIRED	GC	GC	GC	
	LAMINATE	LAM-060	LAMINATE	EGGER	844-977-0053	H3041 ST12 NATURAL EUCALYPTUS	NONE		GC	GC	GC	
1-LC06-A103-REV06												

RELEASED FOR CONSTRUCTION  
As Noted on Plans Review

DESIGN & CONSTRUCTION MANAGEMENT: Lee's Summit, Missouri (2020-2021)

NEXTORE

● 4000 Luxottica Place, Mason, OH 45040 ● (513) 855-9899  
● 6 Creechway Brook, East Grafton, CT 06024 ● (1800) 411-9709

STORE # 1643  
SUMMITWOODS CROSSING  
1700 NW CHIPMAN RD  
LEE'S SUMMIT, MO 64081

Construction for:

LENSCRAFTERS

A Subsidiary of the Luxottica Group  
4000 Luxottica Place Mason, Ohio 45040

Revisions:

Mark	Date	By
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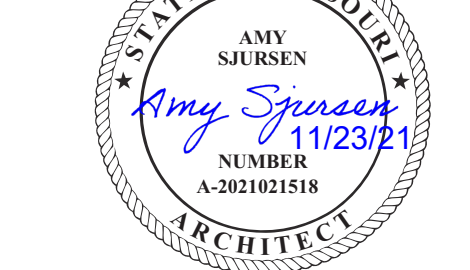
Architect of Record

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200 East Randolph Drive  
Chicago, IL 60601

51 W. 3rd Street, # 201  
Tempe, AZ 85281  
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fax +1 480 401 3602

Seal



Architect Job No.:

LUX-305

Nextore Store Design Revision No.:

REV 06

Nextore project Number

84169

Brand Design Type:

LC06 AUGNORM

ISSUED FOR:

□ Construction

Title

FINISH & ACCESSORY SCHEDULES

Date

10/01/21

Drawn By

STAFF

Checked By

JHM

Sheet

G008

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Mark	Date	By
△	10/22/21	STAFF
△		CITY COMMENTS
△	10/29/21	STAFF
△		OWNER REVISIONS
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LIFE  
SAFETY PLAN

Date

10/01/21

Drawn By

STAFF

Checked By

JHM

Sheet

G009

1

KEY NOTES

1. INSTALL 2A-10BC FIRE EXTINGUISHERS IN A RECESSED CABINET - REFER TO SECTION 1 / G009

2

FIRE EXTINGUISHER

SYMBOL	TYPE	DESCRIPTION
	F.E.	FIRE EXTINGUISHER - FIRE EXTINGUISHER TO BE PLACED IN WALL MOUNTED CABINET IN RETAIL SALES AREA.

3

LIGHTING TYPES

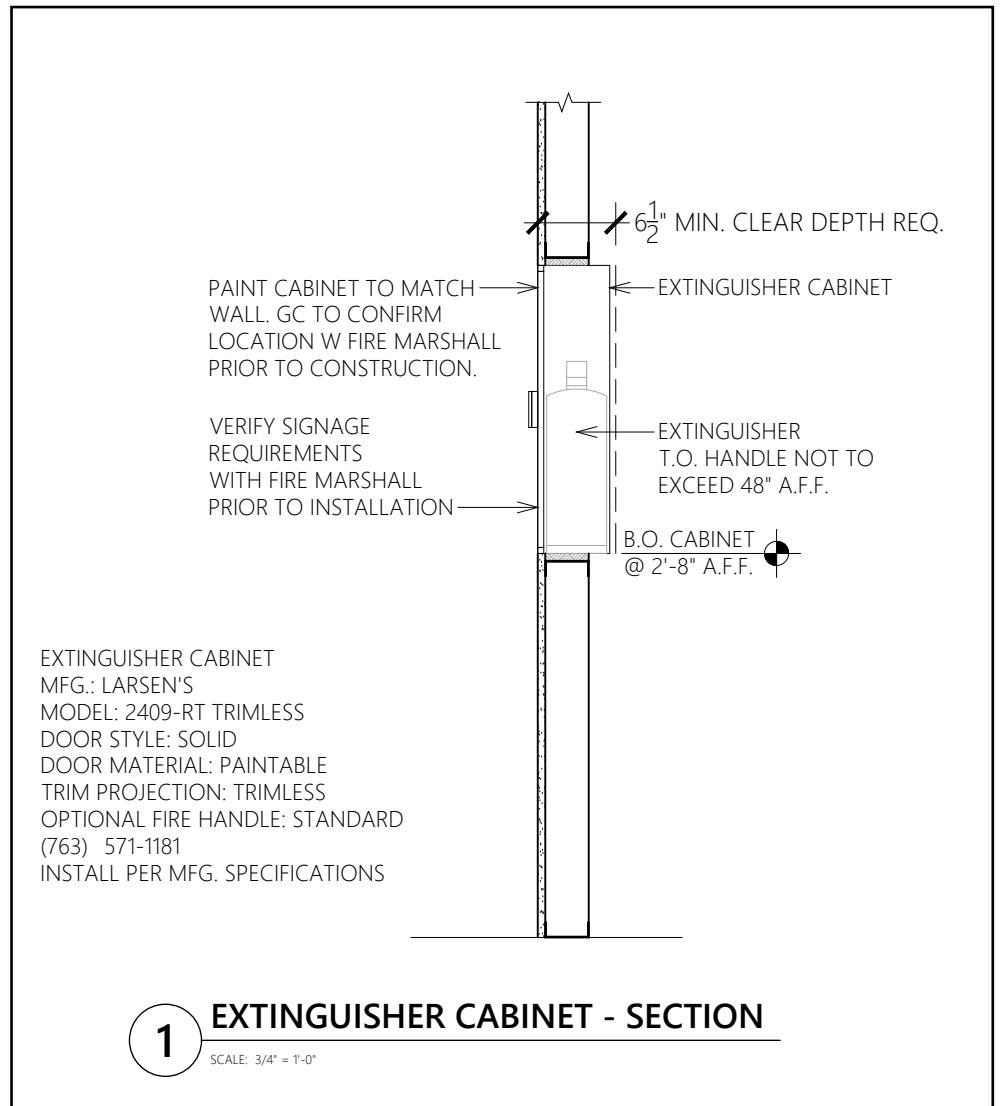
SYMBOL	TYPE	DESCRIPTION
	M2E	RECESSED ADJUSTABLE 2-LIGHT DOWNLIGHT, RECTANGULAR, PAINTED TRIM TO MATCH CEILING, CHICAGO ADD "CP" HOUSING
	EM	BLACK TRACK HEAD
	X2	EDGE LIT EXIT SIGN WITH RED LETTERS, RED LED INCLUDED, COLOR: BLACK FOR NYC OR CHICAGO, PROVIDE COMPLIANT SPECIFICATIONS.

COMMON PATH OF TRAVEL (CPT) < 75'

A TO CPT = 30'-0"

DISTANCE TO EXIT (DTE)

A TO EXIT 1 = 122'-9"      A TO EXIT 2 = 40'-11"



SECTION 906 PORTABLE FIRE EXTINGUISHERS

[F] TABLE 906.3(1) FIRE EXTINGUISHERS FOR CLASS A FIRE HAZARDS.

MINIMUM RATED SINGLE FIRE EXTINGUISHER - SEE TABLE  
MAXIMUM FLOOR AREAS - SEE TABLE  
MAXIMUM DISTANCE OF TRAVEL TO EXTINGUISHER = 75'-0"

[F] 906.9 EXTINGUISHER INSTALLATION.

THE INSTALLATION OF PORTABLE FIRE EXTINGUISHERS SHALL BE IN ACCORDANCE WITH SECTIONS 906.9.1 THROUGH 906.9.3.

[F] 906.9.1 EXTINGUISHERS WEIGHING 40 POUNDS OR LESS.

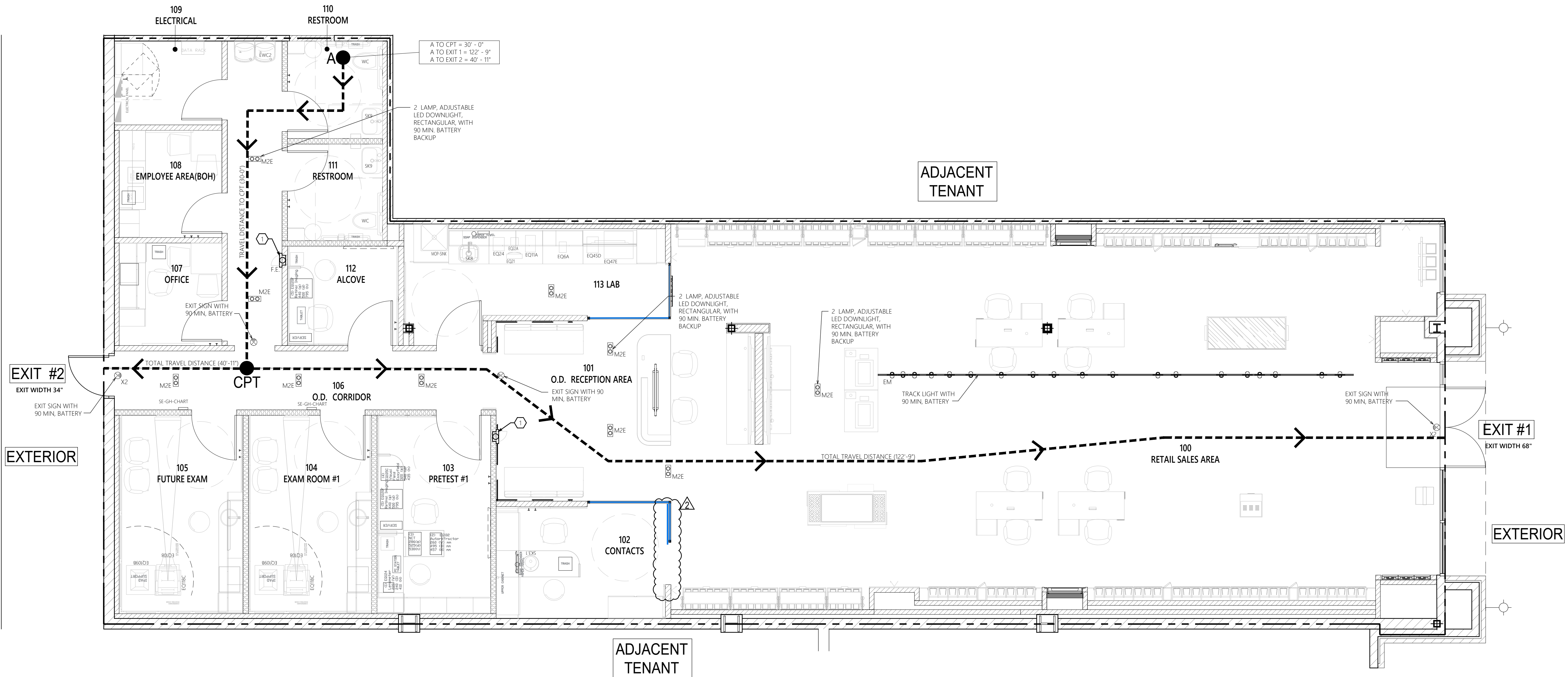
PORTABLE FIRE EXTINGUISHERS HAVING A GROSS WEIGHT NOT EXCEEDING 40 POUNDS (18 KG) SHALL BE INSTALLED SO THAT THEIR TOPS ARE NOT MORE THAN 5 FEET (1524 MM) ABOVE THE FLOOR.

[F] 906.9.2 EXTINGUISHERS WEIGHING MORE THAN 40 POUNDS.

HAND-HELD PORTABLE FIRE EXTINGUISHERS HAVING A GROSS WEIGHT EXCEEDING 40 POUNDS (18 KG) SHALL BE INSTALLED SO THAT THEIR TOPS ARE NOT MORE THAN 3.5 FEET (1067 MM) ABOVE THE FLOOR.

[F] 906.9.3 FLOOR CLEARANCE.

THE CLEARANCE BETWEEN THE FLOOR AND THE BOTTOM OF INSTALLED HAND-HELD PORTABLE FIRE EXTINGUISHERS SHALL BE NOT LESS THAN 4 INCHES (102 MM).



1

LIFE SAFETY PLAN

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

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Seal

FOR  
REFERENCE  
ONLY

Architect Job No.:  
LUX-305

Nextore Store Design Revision No.:

REV 06

Nextore project  
Number 84169

Brand Design Type:  
LC06 AUGNORM

ISSUED FOR:  
☐ Construction

Title  
BARRICADE  
FLOOR PLAN  
& ELEVATION

Date  
10/01/21  
Drawn By  
STAFF  
Checked By  
JHM

Sheet  
AD100

A	LEGEND		
---	CENTER LINE	=====	EXISTING WALLS
----	LEASE LINE	=====	EXISTING FULL HEIGHT GLASS
==	CONSTRUCTION TO BE DEMOUSHED	=====	AREA NOT IN SCOPE OF WORK
A-LC05-AD100-REV00			

2	BARRICADE PLAN - KEY NOTES
1. LEASE LINE, TYPICAL. VERIFY IN FIELD. 2. BARRICADE 12'-0" HEIGHT, WITH ACCESS DOORS (SEE 2/AD100). 3. 6" RADIUS AT HARD CORNER 90° PER BARRICADE SPECIFICATIONS. 4. EXISTING SIDEWALK.	
2-LC05-AD100-REV00	

3	BARRICADE NOTES
BARRICADE & BARRICADE GRAPHICS: • BARRICADE GRAPHICS ARE TO BE PROVIDED AND INSTALLED BY THE TENANT UPON COMPLETION OF THE BARRICADE INSTALLATION, OR UPON FULL EXECUTION OF THE TENANT LEASE. • BARRICADE GRAPHICS ARE TO BE SUBMITTED TO THE TENANT COORDINATOR FOR APPROVAL PRIOR TO INSTALLATION. ALL GRAPHICS ARE TO BE ORDERED THROUGH BOSTON BARRICADE. • ANY REQUIRED BARRICADE AND/OR GRAPHICS TO BE SUPPLIED BY VENDOR OTHER THAN BOSTON BARRICADE DUE TO LANDLORD REQUIREMENTS, SHALL BE COORDINATED, SUPPLIED, AND INSTALLED BY GENERAL CONTRACTOR.	
3-LC05-AD100-REV00	

4	BARRICADE CONTACTS
AMY LOPEZ SENIOR ACCOUNT MANAGER BOSTON RETAIL SOLUTIONS 1151 19TH STREET VERY BEACH, FL 32960 P: 772-257-7290 C: 772-766-2523 E: ALOPEZ@BOSTONRS.COM	JIM PAGANO EXECUTIVE VICE PRESIDENT BOSTON RETAIL SOLUTIONS 1151 19TH STREET VERY BEACH, FL 32960 P: 772-257-7170 E: JPAGANO@BOSTONRS.COM
4-LC05-AD100-REV00	

1	GENERAL NOTES
A. THE G.C. SHALL TAKE ALL NECESSARY PRECAUTIONS TO ENSURE THE SAFETY OF THE PUBLIC AND/OR WORKMEN ON THE JOB AND TO PREVENT ACCIDENTS OR INJURY TO ANY PERSON ON, ABOUT, OR ADJACENT TO THE PREMISES. THE G.C. SHALL COMPLY WITH ALL LAWS, ORDINANCES, CODES, RULES AND REGULATIONS RELATIVE TO SAFETY AND THE PREVENTION OF ACCIDENTS.	
B. THIS DEMOLITION PLAN IS TO BE USED IN CONJUNCTION WITH THE ENTIRE SET OF WORKING DRAWINGS. DO NOT REMOVE OR DEMOUSH ANYTHING WITHOUT VERIFYING AND COORDINATING WITH ALL GENERAL TRADES AS TO HOW THEY RELATE TO THE OVERALL PROJECT.	
C. THE G.C. SHALL BE RESPONSIBLE FOR REMOVING OR DEMOLISHING EXISTING CONSTRUCTION WHICH WILL INTERFERE WITH THEIR NEW WORK AND ANY TEMPORARY BRACING OR PERMANENT SUPPORT STRUCTURES.	
D. WHEN EXISTING ELECTRICAL SERVICE, POWER, AND LIGHTING IS REMOVED, STUB BACK AND CAP AS REQUIRED IN AREAS BETWEEN EXISTING CONDITIONS AND NEW WORK.	
E. REMOVE EXISTING FLOORING MATERIAL, CAP EXISTING MECHANICAL, PLUMBING AND ELECTRICAL SERVICES FLUSH WITH EXISTING SLAB AS REQUIRED, TYPICAL THROUGHOUT; REFER TO RESPONSIBILITY SCHEDULE ON A-01 FOR FLOORING PREPARATION.	
F. AT THE G.C.'S OPTION, DEMOUSH OR REMOVE MORE OR LESS EXISTING WORK, PROVIDED THAT SUCH VARIATION WILL EXPEDITE THE PROJECT AND NOT INCREASE THE EXPENSE TO THE OWNER OR VIOLATE ANY CODES. THESE OPTIONS SHALL BE SUBJECT TO THE LUXOTTICA'S PROJECT MANAGER'S APPROVAL.	
G. COORDINATE ANY SYSTEMS SHUTDOWNS WITH LANDLORD & INCLUDE COSTS OF SHUTDOWN IN THE BID.	
H. EXCEPT AS NOTED, G.C. SHALL INCLUDE COSTS TO CUT, PATCH AND/OR REPAIR EXISTING WORK AND EXISTING FACILITIES WHICH MAY BE DISTURBED DURING INSTALLATION OF NEW WORK IN BID PACKAGES.	
I. IN ACCORDANCE WITH THE DRAWINGS, THOSE ITEMS WHICH ARE REMOVED, AND ARE NOT RELOCATED OR REUSED, SHALL BE DISPOSED OF BY THE G.C.	
J. ANY EXISTING DOORS AND FRAMES TO BE REMOVED UNLESS NOTED OTHERWISE ON PLANS; REFER TO DOOR SCHEDULE.	
K. ANY EXISTING RECEPTACLES TO REMAIN UNLESS NOTED OTHERWISE ON PLANS; REFER TO ELECTRICAL DRAWINGS.	
L. G.C. TO REMOVE EXISTING STOREFRONT SIGNAGE; COORDINATE ELECTRICAL SERVICE W/ NEW STOREFRONT SIGNAGE. PATCH AND REPAIR STOREFRONT SUBSTRATE AS REQUIRED.	
M. REMOVE ALL WALL VINYL FROM WALLS (AS REQUIRED) AND PREP WALLS FOR NEW FINISHES.	
N. G.C. TO INSPECT ALL EXISTING WALLS TO REMAIN AND ENSURE THAT THEY ARE UP TO CURRENT SPECIFICATIONS.	
O. REMOVE WINDOW CRASH GRAPHICS	
P. G.C. TO PROVIDE AND INSTALL TEMPORARY BARRICADE. COORDINATE REQUIREMENTS WITH LANDLORD.	
Q. IN RELOCATION STORES, G.C. TO REMOVE ALL EXISTING FIXTURE FROM OLD SPACE.	
R. SIGN CONTRACTOR SHALL REMOVE ALL SIGNAGE IN OLD (OR TEMPORARY) SPACE AT END OF PROJECT, AS REQUIRED BY LEASE REQUIREMENT.	
S. ALL EXISTING TOILET ROOM ACCESSORIES TO BE REMOVED.	
T. REMOVE ALL INTERIOR GRAPHICS AND WAYFINDING, TYPICAL IN ALL AREAS (RETAIL, EMPLOYEE, OD). DO NOT REMOVE FROM LENS PROCESSING AREA, WHEN APPLICABLE TO A REMODEL PROJECT.	
U. PRIOR TO INSTALLATION OF NEW FLOOR, GC TO VERIFY EXISTING FLOOR CONDITIONS MEETS AND ARE IN COMPLIANCE WITH ANSI STANDARD FOR THIN SET TILE AND THE LATEST EDITION OF TILE COUNCIL OF AMERICA. IF THERE ARE ISSUES OR DEFICIENCIES, CONTACT LUXOTTICA PROJECT MANAGER PRIOR TO INSTALLATION.	
V. TEMPORARY BARRICADE • TEMPORARY BARRICADE SHALL BE CONSTRUCTED PER LL REQUIREMENTS. • TEMPORARY BARRICADE IS TO BE 100% COMPLETE AND READY FOR GRAPHICS TO BE INSTALLED NO MORE THAN (2) DAYS AFTER CONSTRUCTION START. G.C. TO CONTACT OWNER'S REPRESENTATIVE UPON COMPLETION TO COORDINATE GRAPHICS INSTALLATION. TEMPORARY BARRICADE MUST BE PRIMED AND PAINTED WITH (2) COATS OF EITHER EGGSHELL OR SEMI-GLOSS FINISH ONLY. • GC IS RESPONSIBLE FOR MAINTAINING BARRICADE DURING CONSTRUCTION. • REMOVE BARRICADE WHEN 100% OF STOREFRONT OR JOB IS COMPLETED ON THE EVENING BEFORE G.C.'S PUNCHLIST IS COMPLETED. PRIOR TO OWNER VERIFICATION, AND AFTER LL APPROVAL IS RECEIVED, CARE IS TO BE TAKEN WHEN DISSEMBLING AND REMOVING BARRICADE, ON INTERIOR SIDE (STORE SIDE), PAPER WINDOWS WITH WHITE CONSTRUCTION PAPER OVER GLAZING ONLY. TRIM 1/2" OFF EDGES AND TAPE CONTINUOUSLY AROUND PERIMETER WITH WHITE TAPE. G.C. IS TO RESTORE NEUTRAL PIERS), MALL FLOORING & BULKHEAD TO A LIKE NEW CONDITION AND FINISH WHERE APPLICABLE.	
1-LC05-AD100-REV00	

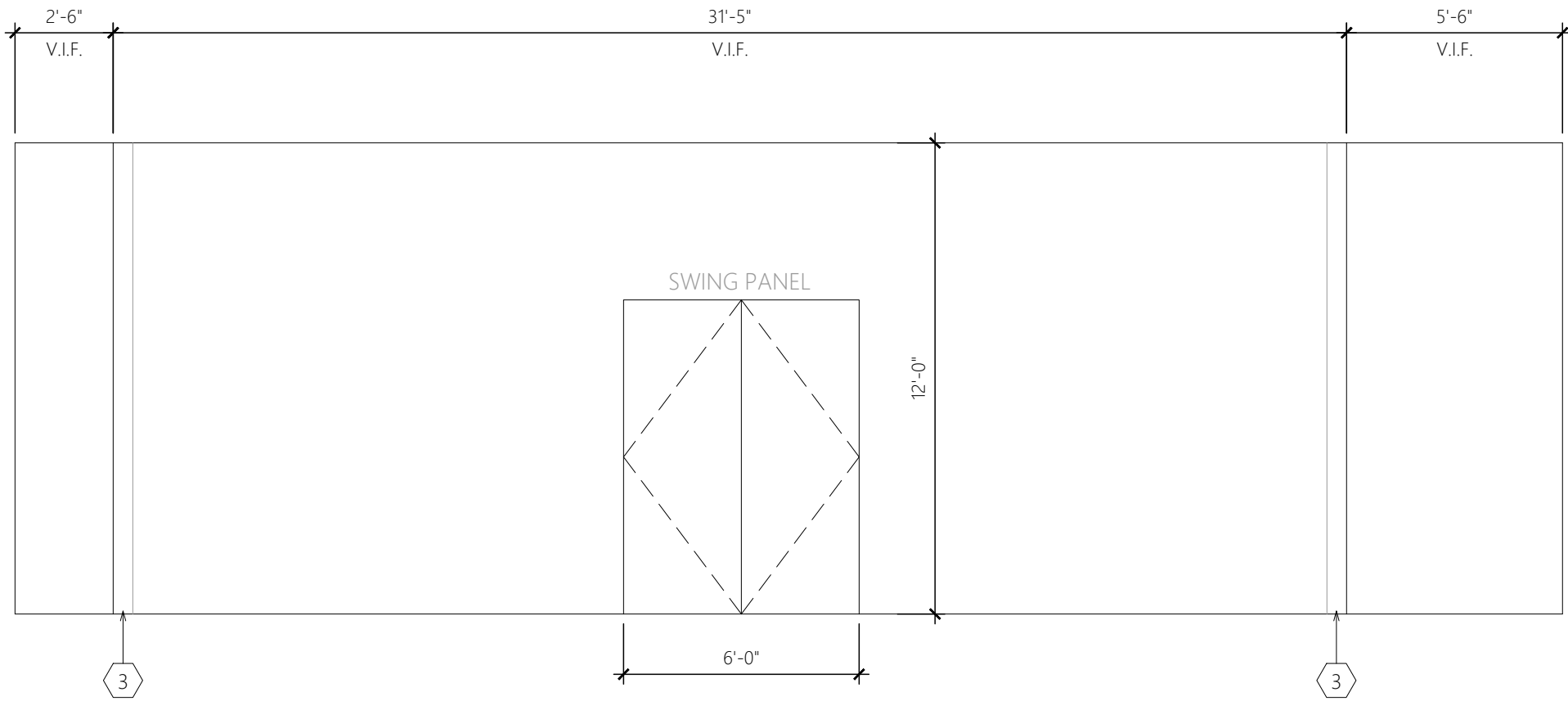
FOR DESIGN REFERENCE ONLY:

- G.C. TO SECURE ENGINEERED DRAWINGS FOR CITY PERMIT.
- G.C. TO MAINTAIN 3'-0" CLEAR SPACE ON SIDEWALK FOR PUBLIC ACCESS.

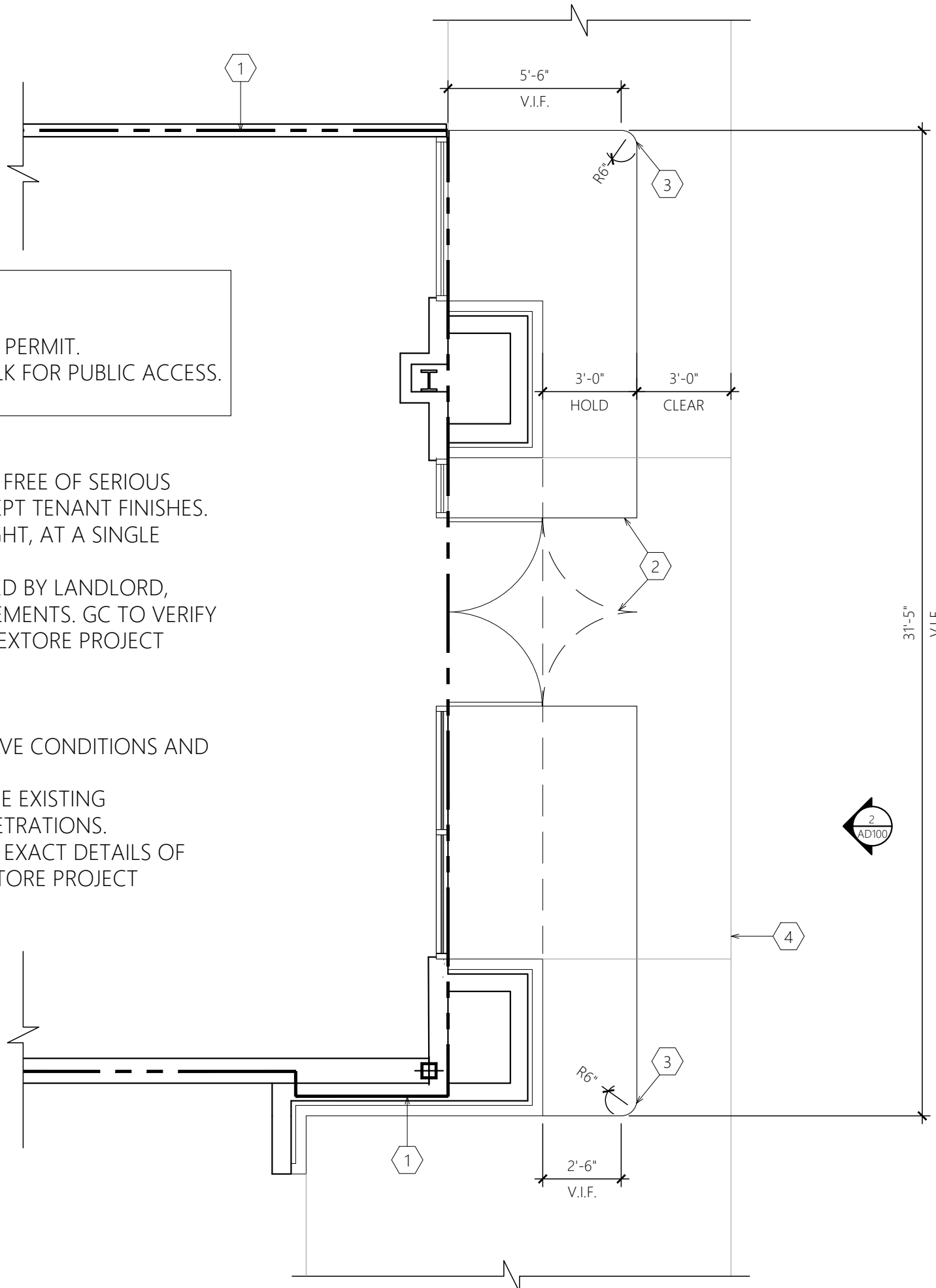
LANDLORD TO PROVIDE:  
MIN EXISTING 4" THICK CONCRETE SLAB TO REMAIN AS-IS, FREE OF SERIOUS DEFECTS, LEVEL TO WITHIN 1/4" EVERY 10', READY TO ACCEPT TENANT FINISHES. FLOOR SLAB SHALL BE EXPOSED, SMOOTH AND WATERTIGHT, AT A SINGLE ELEVATION.

- IF EXISTING FLOORING EXISTS IT MUST BE REMOVED BY LANDLORD, CLEANED AND SLAB LEVELED PER ABOVE REQUIREMENTS. GC TO VERIFY FLATNESS OF FLOOR. REPORT IMMEDIATELY TO NEXTORE PROJECT MANAGER.

GENERAL CONTRACTOR:  
G.C. PRIOR TO CONSTRUCTION START TO VERIFY THE ABOVE CONDITIONS AND DELIVER REPORT TO NEXTORE PROJECT MANAGER.  
G.C. RESPONSIBLE TO PATCH, REPAIR & FIRE CAULK ALL THE EXISTING PENETRATIONS OF SPRINKLER & HVAC & ANY OTHER PENETRATIONS. GC SHALL NOT BE REIMBURSED FOR FLOOR PREP WORK IF EXACT DETAILS OF EXISTING FLOOR CONDITION ARE NOT PROVIDED TO NEXTORE PROJECT MANAGER IN WRITING UPON ARRIVAL AT SPACE.



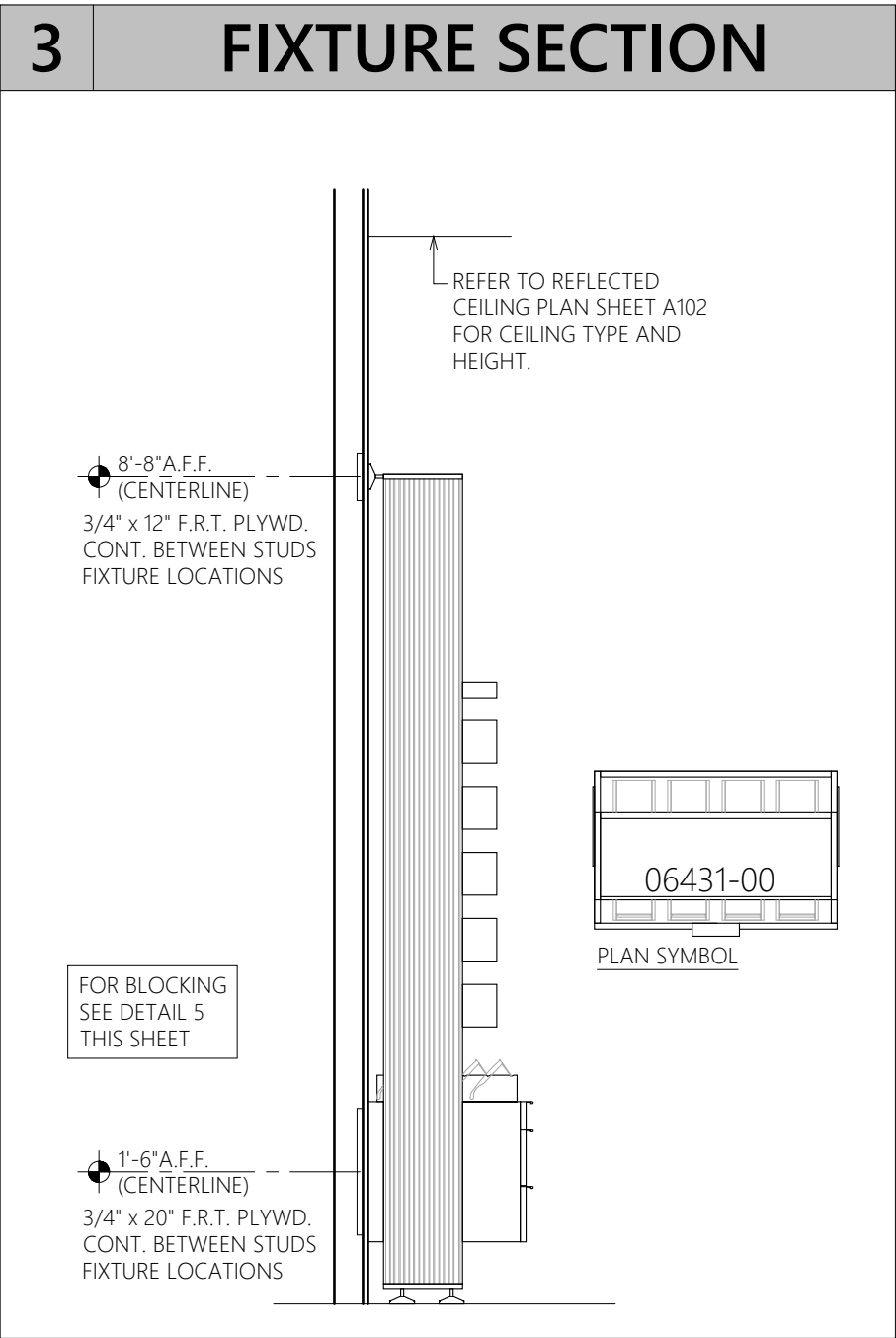
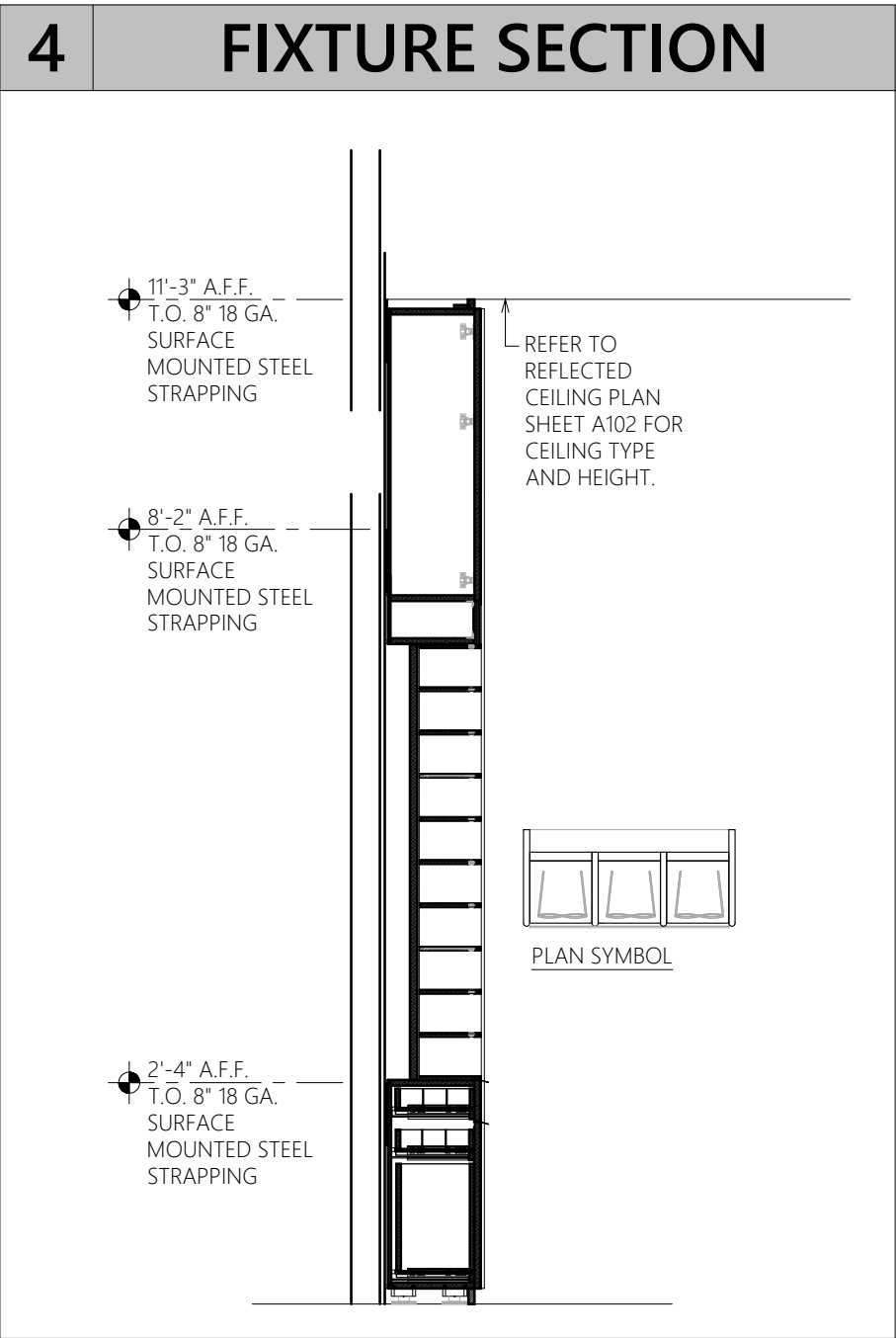
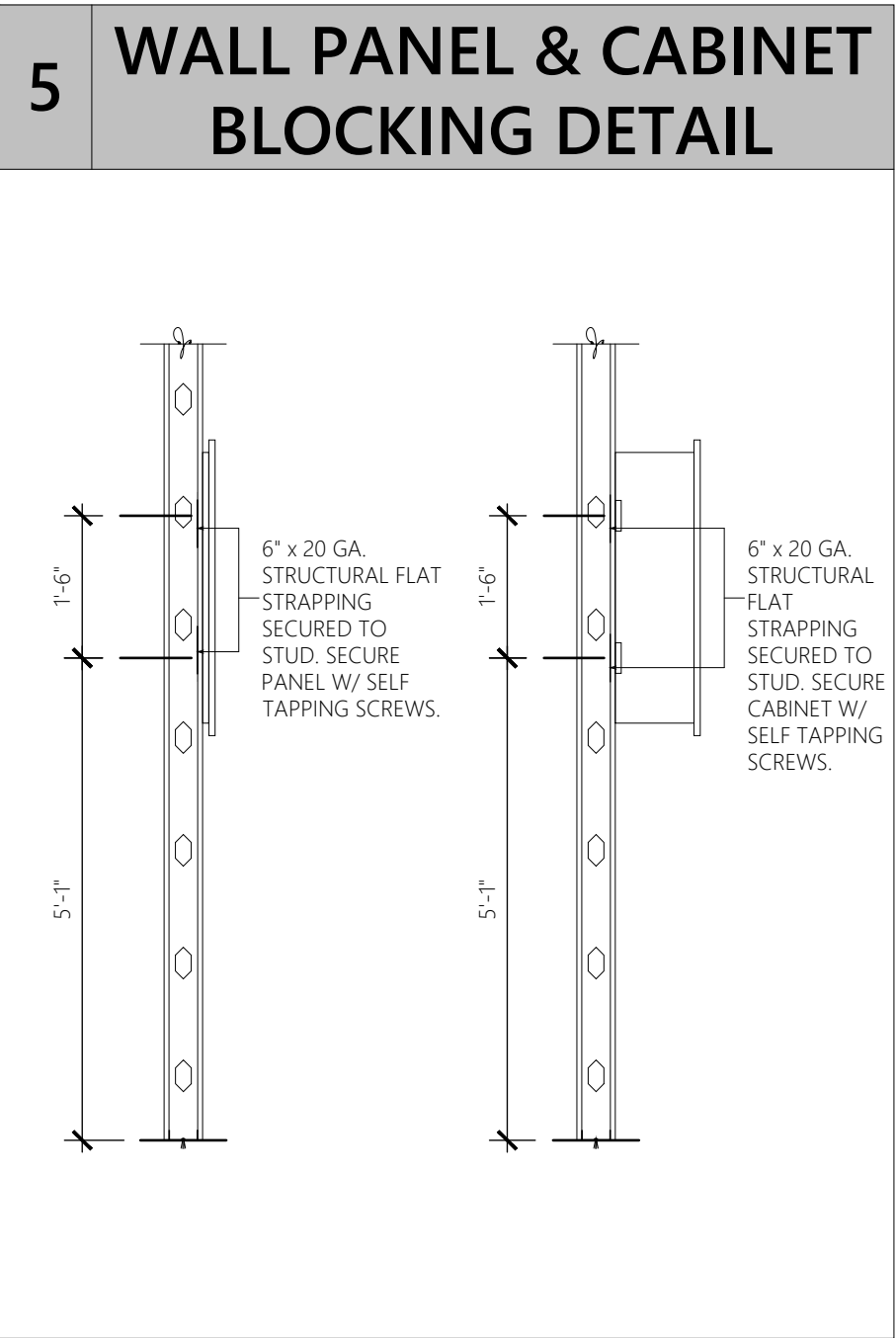
2 BARRICADE ELEVATION  
SCALE: N.T.S.



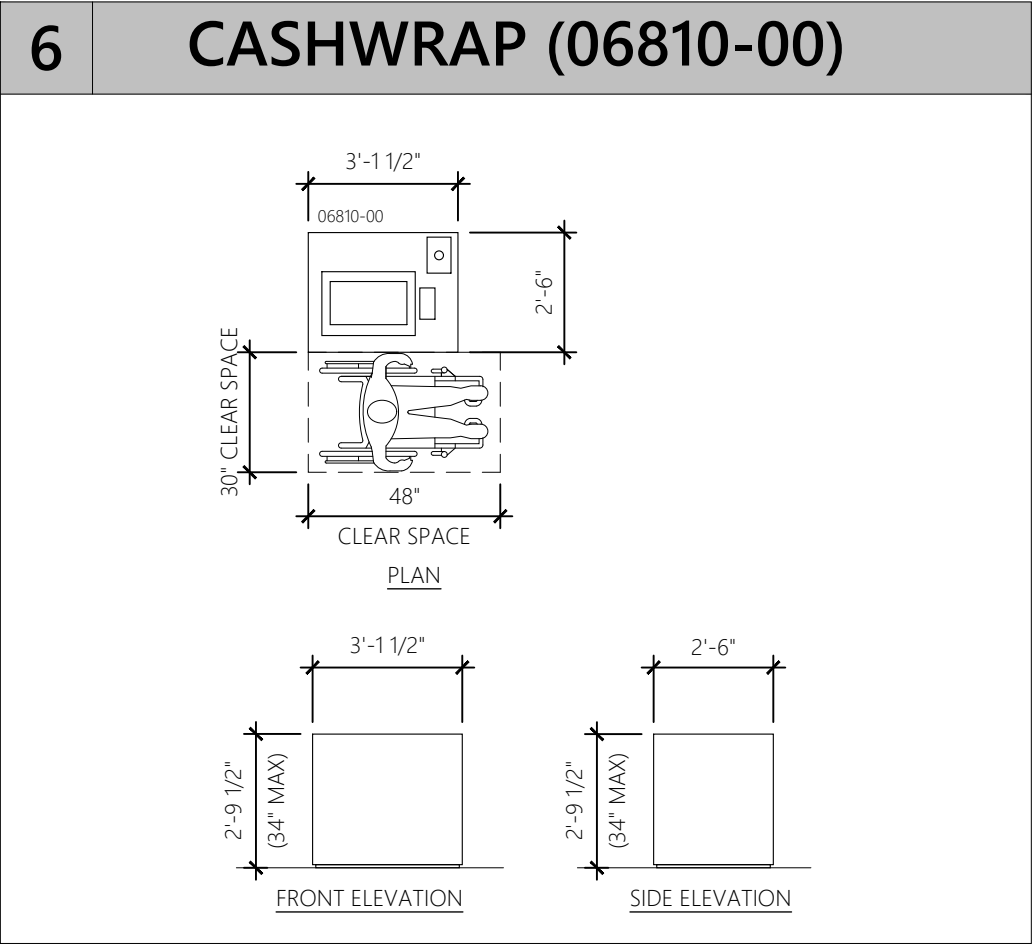
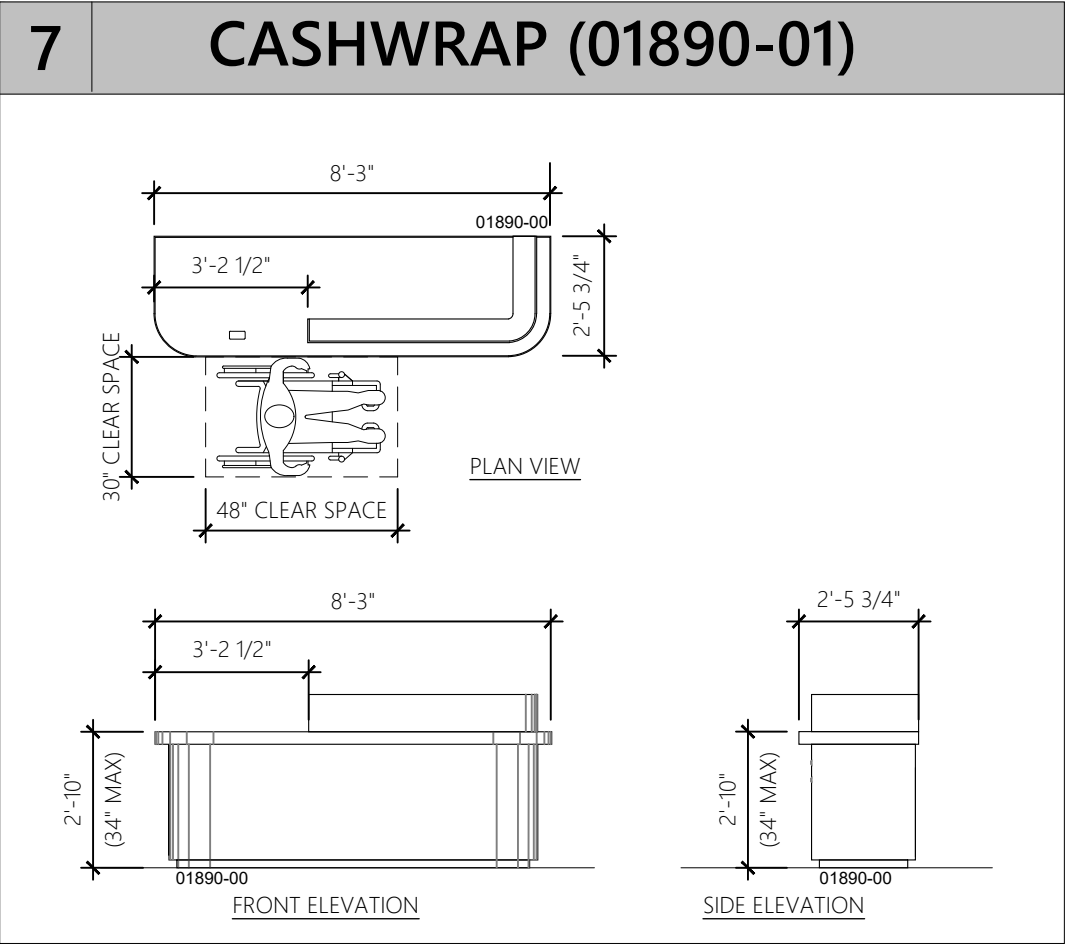
1 BARRICADE FLOOR PLAN  
SCALE: 1/4" = 1'-0"

8 WALL LEGEND			
	CENTER LINE		NEW WALL W/ SOUND BATTS
	LEASE LINE		EXISTING WALLS
	NEW WALLS		NEW/EXTG. BULK-HEAD
	WALL TYPES		DOOR NUMBER
	DOORS SHOWN FULLY OPEN TO 90° ARE CONSIDERED AS NEW DOORS, HARDWARE, JAMBS, ETC.		DOORS SHOWN PARTIALLY OPEN TO 45° ARE CONSIDERED AS EXISTING DOORS, HARDWARE, JAMBS, ETC.
5-SGH4;1-A101-REV 0.0			

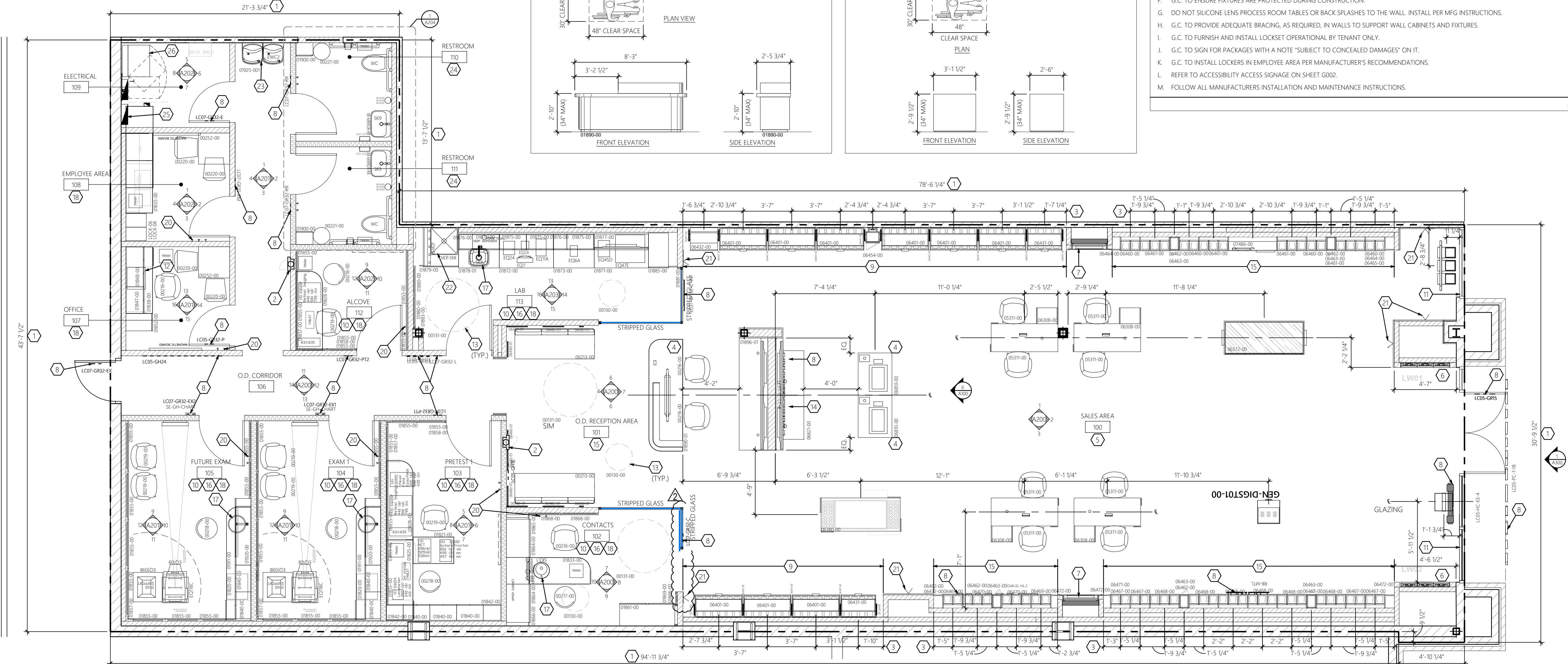
9 TARGET FACINGS - RED/1000		
BRAND	TARGET FACINGS	ACTUAL FACINGS
RAYBAN	202	222
OAKLEY	83	86
LUXURY	142	164
CONSUMER	610	560
DESIGNER SALE	50	60
TOTAL	1087	1092



- 1 KEY NOTES
- LEASE LINE, G.C. TO REPORT ACTUAL DIMENSIONS VS SHOWN DIMENSIONS TO PROJECT MANAGER PRIOR TO CONSTRUCTION START.
  - INSTALL 2A-10BC FIRE EXTINGUISHERS IN A RECESSED CABINET, PAINTED TO MATCH WALL, AS DIRECTED BY THE FIRE MARSHAL. (SUGGESTED LOCATIONS ON PLAN.)
  - INSTALL SALES AREA WALL FIXTURES SEQUENTIALLY STARTING AT THIS POINT. DIMENSIONS ARE TO THE CENTERLINE OF THE FIXTURE. GC TO VERIFY ADJACENT WALL IS CLEAN, LEVEL, STRAIGHT AND PLUMB. SEE PERIMETER WALL FIXTURE SECTION DETAIL "3". THIS SHEET FOR BLOCKING REQUIREMENTS. COORDINATE WITH ELECTRICAL FOR REQUIRED POWER AND DATA.
  - INSTALL CASH WRAP AND BACK WRAP AS INDICATED. CASH WRAP PROVIDED WITH AN ACCESSIBLE CHECK OUT COUNTER SURFACE AREA THAT IS A MINIMUM 36" L @ 34" A.F.F. MAX. AND PROVIDES A 30" X 48" CLEAR FLOOR SPACE FOR A PARALLEL APPROACH, SEE FIXTURE DETAIL "6 & 7". COORDINATE WITH ELECTRICAL FOR REQUIRED POWER AND DATA.
  - INSTALL ALL SALES AREA FLOOR FIXTURES AS DIMENSIONED. ALL UNDER FLOOR ELECTRICAL TO BE IN CONDUIT (TYP.). COORDINATE WITH ELECTRICAL DRAWINGS FOR ELECTRICAL REQUIREMENT OF FIXTURES.
  - PROVIDE CONSTRUCTION FOR, AND INSTALL LIGHT BOXES AND LED WALLS AS INDICATED. GC TO COORDINATE WITH NEXTORE PM FOR FIXTURE SPECIFICATIONS AND DETAILS. COORDINATE WITH SHEETS A402 FOR INSTALLATION DETAILS. SEE ELECTRICAL SHEETS FOR REQUIRED ELECTRICAL INFORMATION.
  - INSTALL DIGITAL SMART SHOPPER FIXTURES AS INDICATED WITH G.C. PROVIDED MIRROR ABOVE, SEE SHEET A402b. SEE ELECTRICAL SHEETS FOR REQUIRED ELECTRICAL INFORMATION.
  - INSTALL GRAPHIC PACKAGE ITEMS AS INDICATED. REFER TO RESPONSIBILITY SCHEDULE ON G002 AND GRAPHICS SCHEDULES FOR RESPONSIBILITIES. REFER TO INTERIOR ELEVATIONS FOR MOUNTING DIMENSIONS AS APPLICABLE.
  - G.C. TO PROVIDE AND INSTALL BLOCKING FOR PERIMETER WALL FIXTURES. SEE SECTION "3" THIS SHEET AND ELEVATION SHEETS FOR LOCATION.
  - SEE DETAIL "5" THIS SHEET FOR WALL PANEL AND CABINET BLOCKING DETAIL FOR O.D. ROOMS.
  - NEW SECURITY FILM (GF-4) AT STOREFRONT, INSTALLED ON INSIDE FACE OF GLAZING.
  - CONTRACTOR TO BOLT SAFE TO FLOOR. CHECK WITH SAFE MANUFACTURER FOR KIT OR BOLTING INSTRUCTIONS.
  - LIGHT FIXTURE, SEE REFLECTED CEILING PLAN ON SHEET A102.
  - IPAD CHARGING IN THE BACKWRAP. COORDINATE WITH NEXTORE PM FOR SPECIFICATIONS.
  - G.C. TO PROVIDE AND INSTALL BLOCKING FOR PERIMETER WALL FIXTURES. SEE SECTION "4" THIS SHEET AND ELEVATION SHEETS FOR LOCATION.
  - INSTALL NEW DOCTOR'S EQUIPMENT IN THE EXAM ROOMS, PRE-TEST ROOMS, AND URGENT CARE LAB AS REQUIRED. REFER TO RESPONSIBILITY SCHEDULE ON G002. COORDINATE WITH ELECTRICAL FOR REQUIRED POWER AND DATA.
  - INSTALL NEW SINKS IN THE EXAM ROOMS AND CONTACT LENS AREA AS REQUIRED. COORDINATE WITH PLUMBING DRAWINGS FOR DETAILS.
  - APPLY PAINTABLE CAULK WHERE MILLWORK MEETS GYP BD. WALL.
  - NEW WALL LIGHT FIXTURES IN RESTROOMS. SEE ELEVATIONS ON SHEET A204 AND ELECTRICAL SHEETS FOR MORE INFORMATION.
  - INSTALL COAT HOOKS AT 48" AND 72" A.F.F. TO CENTERLINE OF HOOKS ON O.D. AREA DOORS AS INDICATED.
  - FULL LENGTH MIRROR, REFER TO SHEET A104.
  - INSTALL NEW MOP SINK IN THE URGENT CARE LAB AS INDICATED. COORDINATE WITH PLUMBING DRAWINGS.
  - H/O DRINKING FOUNTAIN FIXTURE. SEE PLUMBING SHEETS AND SHEET G002 FOR MORE INFORMATION.
  - INSTALL NEW FIXTURES AND ACCESSORIES IN TOILET ROOMS AS REQUIRED. COORDINATE WITH TOILET ROOM SHEETS FOR DETAILS.
  - NEW ELECTRICAL PANELS AND EQUIPMENT IN THE BACK OF HOUSE AREA AS INDICATED. COORDINATE WITH ELECTRICAL DRAWINGS.
  - NEW TELEPHONE AND SECURITY SYSTEMS BOARD IN THE BACK OF HOUSE AREA. COORDINATE WITH ELECTRICAL DRAWINGS.



- 2 GENERAL NOTES
- ALL METAL BENCH COUNTERTOPS AT SINK LOCATIONS SHALL RECEIVE A MARINE EDGE.
  - REFER TO SPECIFICATIONS SCHEDULE FOR ADDITIONAL DETAILS.
  - NEW SIGN BY SIGNAGE CONTRACTOR TO BE INSTALLED. SIGNAGE TO COMPLY WITH LOCAL SIGNAGE CODES. SIGNAGE CONTRACTOR TO PROVIDE SHOP DRAWINGS TO LANDLORD FOR APPROVAL.
  - ALL DIMENSIONS ARE TO FACE OF GYP. BD. UNLESS NOTED OTHERWISE ON PLANS.
  - G.C. TO REFERENCE FIXTURE CONTRACTORS SHOP DRAWINGS FOR INSTALLATION INSTRUCTIONS FOR ALL FIXTURES, WALL CABINETS, BASE CABINETS, AND COUNTERTOPS. G.C. TO COORDINATE WITH FIXTURE CONTRACTOR TO ENSURE PROPER FIT OF ALL COMPONENTS.
  - G.C. TO ENSURE FIXTURES ARE PROTECTED DURING CONSTRUCTION.
  - DO NOT SILICONE LENS PROCESS ROOM TABLES OR BACK SPLASHES TO THE WALL. INSTALL PER MFG INSTRUCTIONS.
  - G.C. TO PROVIDE ADEQUATE BRACING, AS REQUIRED, IN WALLS TO SUPPORT WALL CABINETS AND FIXTURES.
  - G.C. TO FURNISH AND INSTALL LOCKSET OPERATIONAL BY TENANT ONLY.
  - G.C. TO SIGN FOR PACKAGES WITH A NOTE "SUBJECT TO CONCEALED DAMAGES" ON IT.
  - G.C. TO INSTALL LOCKERS IN EMPLOYEE AREA PER MANUFACTURER'S RECOMMENDATIONS.
  - REFER TO ACCESSIBILITY ACCESS SIGNAGE ON SHEET G002.
  - FOLLOW ALL MANUFACTURERS INSTALLATION AND MAINTENANCE INSTRUCTIONS.
- 2-LCST117-A100-REV 0.0



1 FIXTURE - FLOOR PLAN  
SCALE: 1/4" = 1'-0"

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12/20/2021

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Construction for:

LENSCRAFTERS  
A Subsidiary of the Luxottica Group  
4000 Luxottica Place Mason, Ohio 45040

Revisions:

Mark	Date	By
△	10/22/21	STAFF
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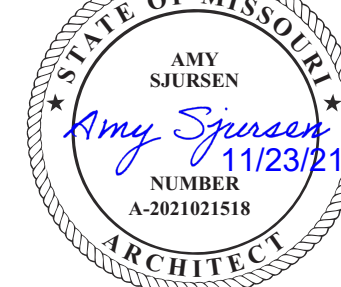
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Seal



Architect Job No.:

LUX-305

Nextore Store Design Revision No.:

REV 06

Nextore project

Number 84169

Brand Design Type:

LC06 AUGNORM

ISSUED FOR:

Construction

Title

CONSTRUCTION  
PLAN

Date

10/01/21

Drawn By

STAFF

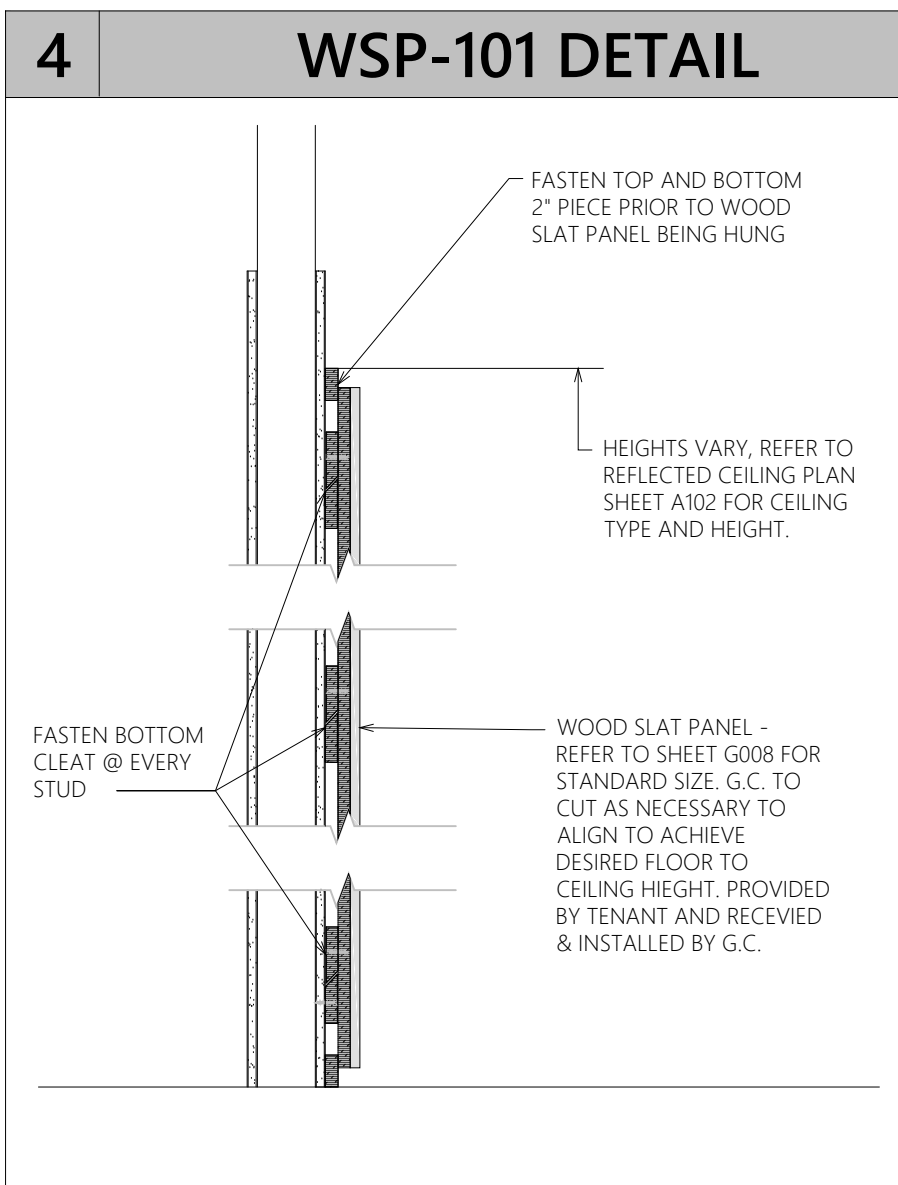
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JHM

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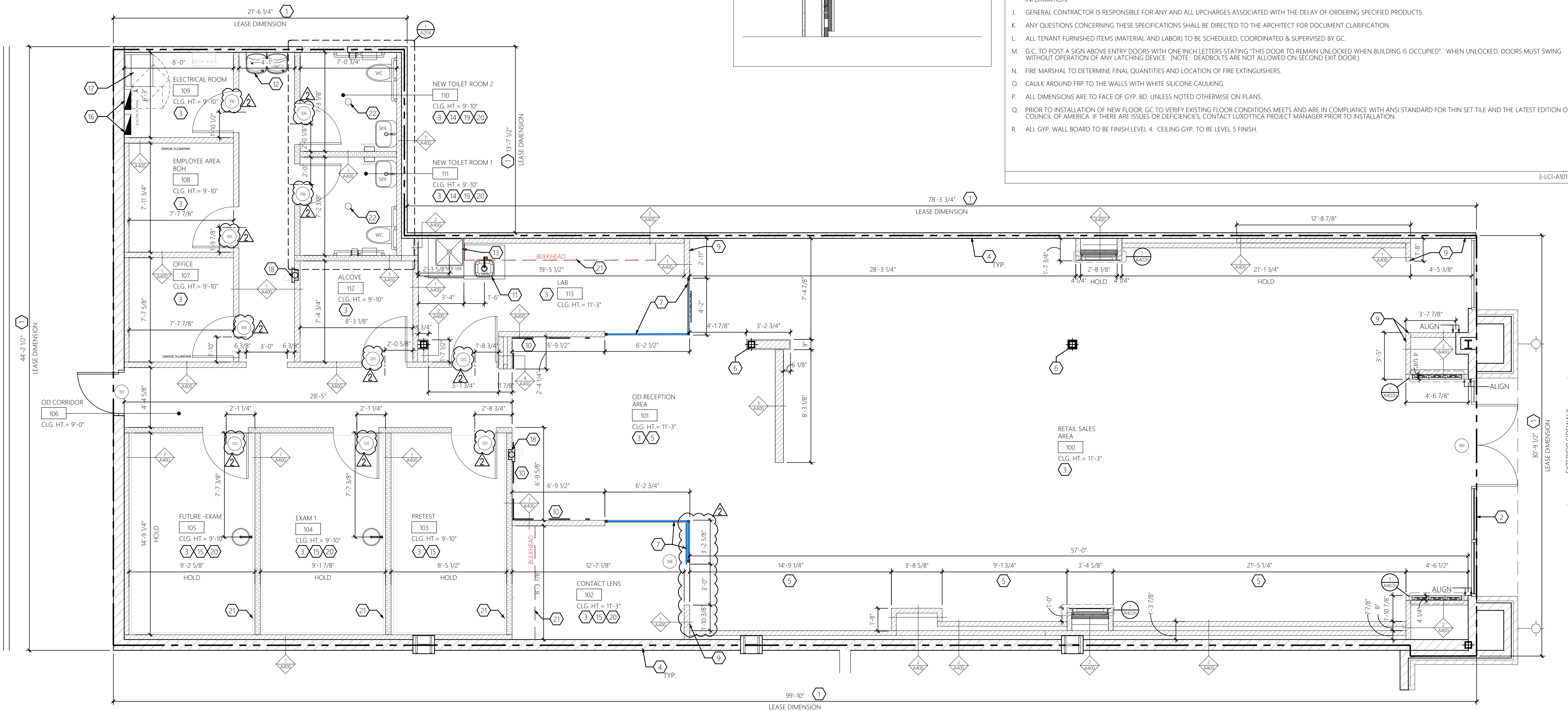
A101

WALL LEGEND			
---	CENTER LINE		NEW WALL W/ SOUND BATTS
----	LEASE LINE		EXISTING WALLS
	NEW WALLS		NEW/EXTG. BULKHEAD
—DETAIL —SHEET #	WALL TYPES		DOOR NUMBER
	DOORS SHOWN FULLY OPEN TO 90° ARE CONSIDERED AS NEW DOORS, HARDWARE, JAMBS, ETC.		DOORS SHOWN PARTIALLY OPEN TO 45° ARE CONSIDERED AS EXISTING DOORS, HARDWARE, JAMBS, ETC.
5-SQH4.1-A101-REV 0.0			



KEY NOTES	
1.	LEASE LINE. G.C. TO REPORT ACTUAL DIMENSIONS VS SHOWN DIMENSIONS TO PROJECT MANAGER PRIOR TO CONSTRUCTION START.
2.	EXISTING SHELL BUILDING AND STOREFRONT AS PROVIDED BY LANDLORD. SEE ELEVATIONS A300.
3.	EXISTING CONCRETE SLAB AS PROVIDED BY LANDLORD. MUST BE LEVEL AND CLEAN OF ANY FOREIGN MATERIALS PRIOR TO INSTALLING NEW FINISHED FLOORING. PROVIDE FLOOR PREP AS REQUIRED. SCRAPE GRIND ETC. G.C. TO PERFORM CONCRETE MOISTURE VAPOR EMISSIONS TEST BEFORE INSTALLING ANY FLOORING - REFER TO SPECIFICATIONS FOR MOISTURE TEST PROCEDURES.
4.	EXISTING SHELL BUILDING AND DEMISING WALLS. G.C. TO PATCH/REPAIR AS REQUIRED TO MAINTAIN REQUIRED FIRE RATING & LEVEL FOUR FINISH.
5.	G.C. TO PROVIDE AND INSTALL NEW METAL STUD Furring ON DEMISING WALLS AND IN-WALL BLOCKING FOR PERIMETER WALL FIXTURES. SEE SECTION 3/A100 FOR LOCATIONS.
6.	EXISTING COLUMN.
7.	NEW GLAZING WINDOW. SEE DETAILS ON SHEET G007b. PROVIDE AND INSTALLED BY G.C. COORDINATE WITH ELEVATIONS ON SHEET A200 AND SECTIONS ON SHEET A400.
8.	- NOT USED.
9.	FLOOR TO CEILING MIRROR. SEE 8/A402b FOR SECTION AND MORE INFORMATION.
10.	WOOD SLAT PANEL (WSP-101) PROVIDED BY TENANT AND INSTALLED BY G.C. G.C. TO FASTEN CLEAT AT EVERY WALL STUD (TYPICAL OF THREE), REFER TO DETAIL 4/A101 FOR MORE INFORMATION.
11.	INSTALL NEW HAND SINKS IN O.D. AREAS AS REQUIRED. REFER TO PLUMBING DRAWINGS.
12.	NEW DRINKING FOUNTAIN.
13.	INSTALL NEW MOP SINK WITH HOT WATER HEATER IN THE LAB AREA AS INDICATED. REFER TO PLUMBING DRAWINGS.
14.	REFER TO SHEET A203 FOR GRAB BAR INSTALLATION DETAILS. TYPICAL.
15.	G.C. TO PROVIDE AN INSTALL NEW METAL STUD Furring ON DEMISING WALLS AND SURFACE MOUNTED STEEL STRAPPING FOR PERIMETER WALL FIXTURES. SEE SECTION 5/A100 FOR LOCATIONS.
16.	ELECTRICAL DISTRIBUTION EQUIPMENT. REFER TO ELECTRICAL DRAWINGS. G.C. TO DEMARCAT E IN CAUTION TAPE THE REQUIRED CLEARANCE A THE ELECTRICAL EQUIPMENT, AS INDICATED. MUST BE 42" CLEAR FROM FACE & 30" CLEAR SIDE TO SIDE, ABOVE AND BELOW.
17.	NEW PHONE BOARD. (2) 4x8 SHEETS OF PLYWOOD INSTALLED VERTICALLY @ 18" A.F.F. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
18.	PROVIDE CONSTRUCTION AS REQUIRED FOR RECESSED FIRE EXTINGUISHER CABINETS. USE 6" DEEP STUDS AS REQUIRED.
19.	PROVIDE (2) NEW A.D.A. COMPLIANT TOILET ROOMS ALONG WITH ALL REQUIRED FIXTURES AND ACCESSORIES AS REQUIRED. COORDINATE WITH TOILET ROOM SHEET A203 FOR DETAILS.
20.	APPLY WHITE SILICONE CAULK ALONG JOINTS AT WET AREAS.
21.	EDGE OF CEILING SOFFIT ABOVE. REFER TO REFLECTED CEILING PLAN ON SHEET A102.
22.	NEW FLOOR DRAIN. REFER TO P200 FOR MORE INFORMATION.

GENERAL NOTES	
A.	G.C. TO MAINTAIN ALL DIMENSIONS AS SPECIFIED FOR LENS PROCESS ROOM. NOTIFY LUXOTTICA PROJECT MANAGER OF ANY DISCREPANCIES OF HOLD DIMENSIONS.
B.	G.C. IS RESPONSIBLE FOR ANY PREPARATION OF THE FLOOR SLAB AND PROCUREMENT OF MATERIALS REQUIRED AT THE ENTRANCE TO PRODUCE A FLUSH CONDITION BETWEEN THE STORE CLOSURE LINE AND THE EXISTING MALL FLOORING.
C.	G.C. IS RESPONSIBLE FOR INSTALLING ALL FINISH FLOORING. GC IS ALSO RESPONSIBLE FOR ALL FINISH WALL MATERIALS BEHIND AND UNDER ALL MILLWORK.
D.	G.C. SHALL SUPPLY AND INSTALL BLOCKING IN ALL WALLS AS REQUIRED TO SUPPORT WALL SHELVING AND CABINETS. ANCHOR BLOCKING W/ SCREWS AT TOP MIDDLE AND BOTTOM (NO SILICONE). REFER TO MILLWORK SHOP DRAWINGS FOR MOUNTING HEIGHTS. ALL BLOCKING NOTES FOUND ON SHOP DRAWINGS. SHALL BE PROVIDED AND INSTALLED BY G.C.
E.	ADEQUATE ACCESS PANELS OR DOORS SHALL BE INCORPORATED INTO TENANT WORK FOR INSPECTION SERVICE AND REPLACEMENT OF BOTH LANDLORD AND TENANT EQUIPMENT, COORDINATE PLACEMENT WITH LANDLORD'S ON-SITE REPRESENTATIVE.
F.	REFER TO SPECIFICATIONS G003-G006.
G.	NO MATERIAL SUBSTITUTIONS WILL BE PERMITTED UNLESS SUBMITTED TO LUXOTTICA PROJECT MANAGER FOR REVIEW AND APPROVAL. SUBSTITUTIONS CALLED OUT IN SPECIFICATIONS AS BEING NEEDED TO BE NOTED AT TIME OF BID.
H.	ALL MANUFACTURERS RECOMMENDED INSTALLATION AND MAINTENANCE PROCEDURES ARE TO BE FOLLOWED BY GENERAL CONTRACTOR ON THIS PROJECT.
I.	GENERAL CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE REPRESENTATIVE LISTED AS SOON AS CONTRACTS ARE AWARDED TO COMMUNICATE DESIRED SCHEDULE DATES AND PROJECT INFORMATION.
J.	GENERAL CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL UPCHARGES ASSOCIATED WITH THE DELAY OF ORDERING SPECIFIED PRODUCTS.
K.	ANY QUESTIONS CONCERNING THESE SPECIFICATIONS SHALL BE DIRECTED TO THE ARCHITECT FOR DOCUMENT CLARIFICATION.
L.	ALL TENANT FURNISHED ITEMS (MATERIAL AND LABOR) TO BE SCHEDULED, COORDINATED & SUPERVISED BY G.C.
M.	G.C. TO POST A SIGN ABOVE ENTRY DOORS WITH ONE INCH LETTERS STATING "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED". WHEN UNLOCKED, DOORS MUST SWING WITHOUT OPERATION OF ANY LATCHING DEVICE. (NOTE: DEADBOLTS ARE NOT ALLOWED ON SECOND EXIT DOOR).
N.	FIRE MARSHAL TO DETERMINE FINAL QUANTITIES AND LOCATION OF FIRE EXTINGUISHERS.
O.	CAULK AROUND FRP TO THE WALLS WITH WHITE SILICONE CAULKING.
P.	ALL DIMENSIONS ARE TO FACE OF GYP. BD. UNLESS NOTED OTHERWISE ON PLANS.
Q.	PRIOR TO INSTALLATION OF NEW FLOOR, GC TO VERIFY EXISTING FLOOR CONDITIONS MEETS AND ARE IN COMPLIANCE WITH ANSI STANDARD FOR THIN SET TILE AND THE LATEST EDITION OF TILE COUNCIL OF AMERICA. IF THERE ARE ISSUES OR DEFICIENCIES, CONTACT LUXOTTICA PROJECT MANAGER PRIOR TO INSTALLATION.
R.	ALL GYP. WALL BOARD TO BE FINISH LEVEL 4. CEILING GYP. TO BE LEVEL 5 FINISH.
3-LCI-A101-REV 0.0	



1 CONSTRUCTION - FLOOR PLAN  
SCALE: 1/8" = 1'-0"

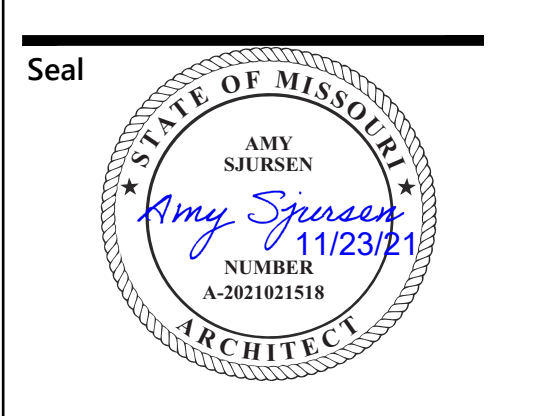
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**LENSCRAFTERS**  
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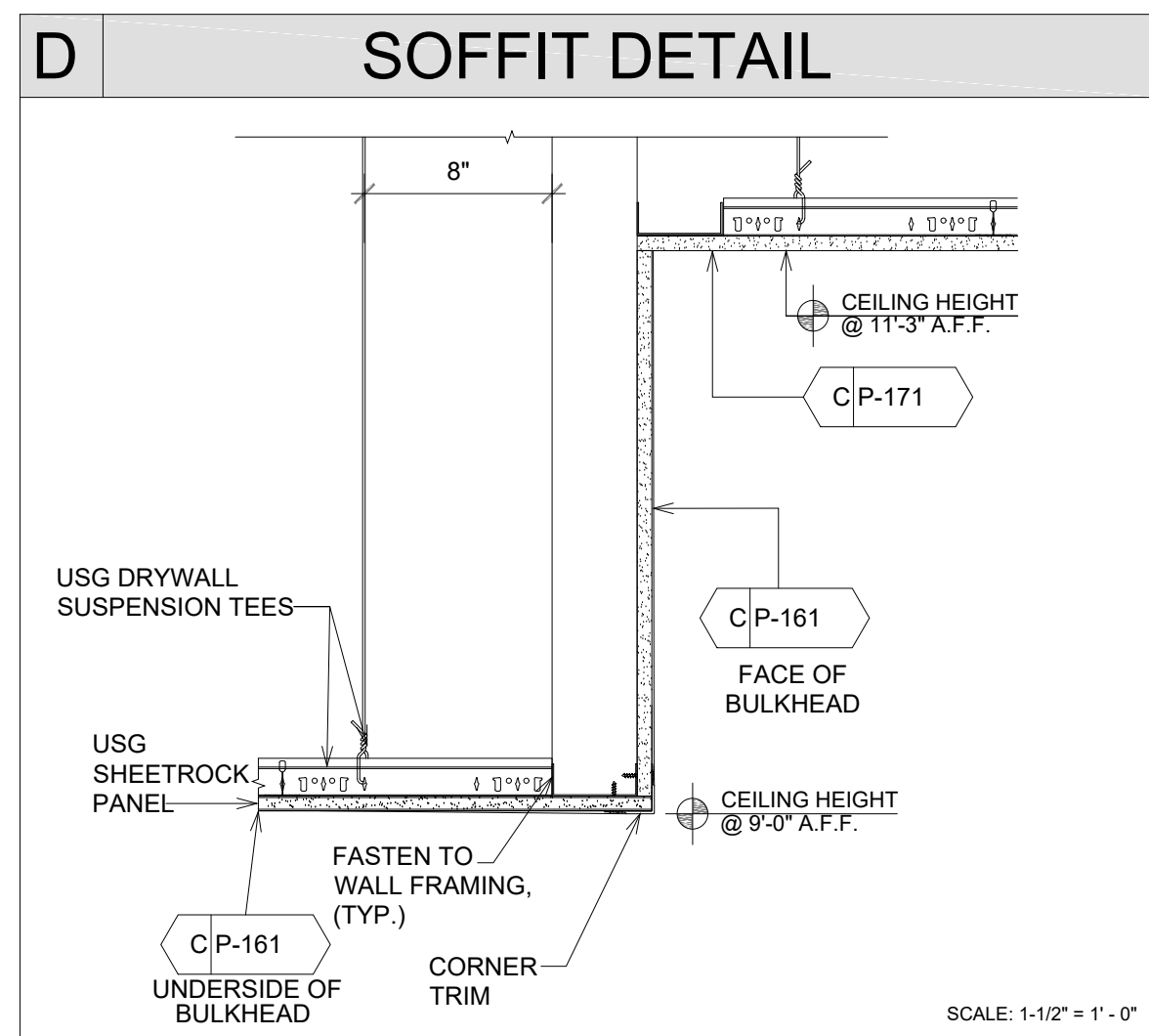
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Architect Job No.: LUX-305  
Nextore Store Design Revision No.:  
**REV 06**  
Nextore project Number: 84169  
Brand Design Type: LC06 AUGNORM  
ISSUED FOR:  
☐ Construction

Title  
**REFLECTED CEILING PLAN**  
Date: 10/01/21  
Drawn By: STAFF  
Checked By: JHM  
Sheet: A102

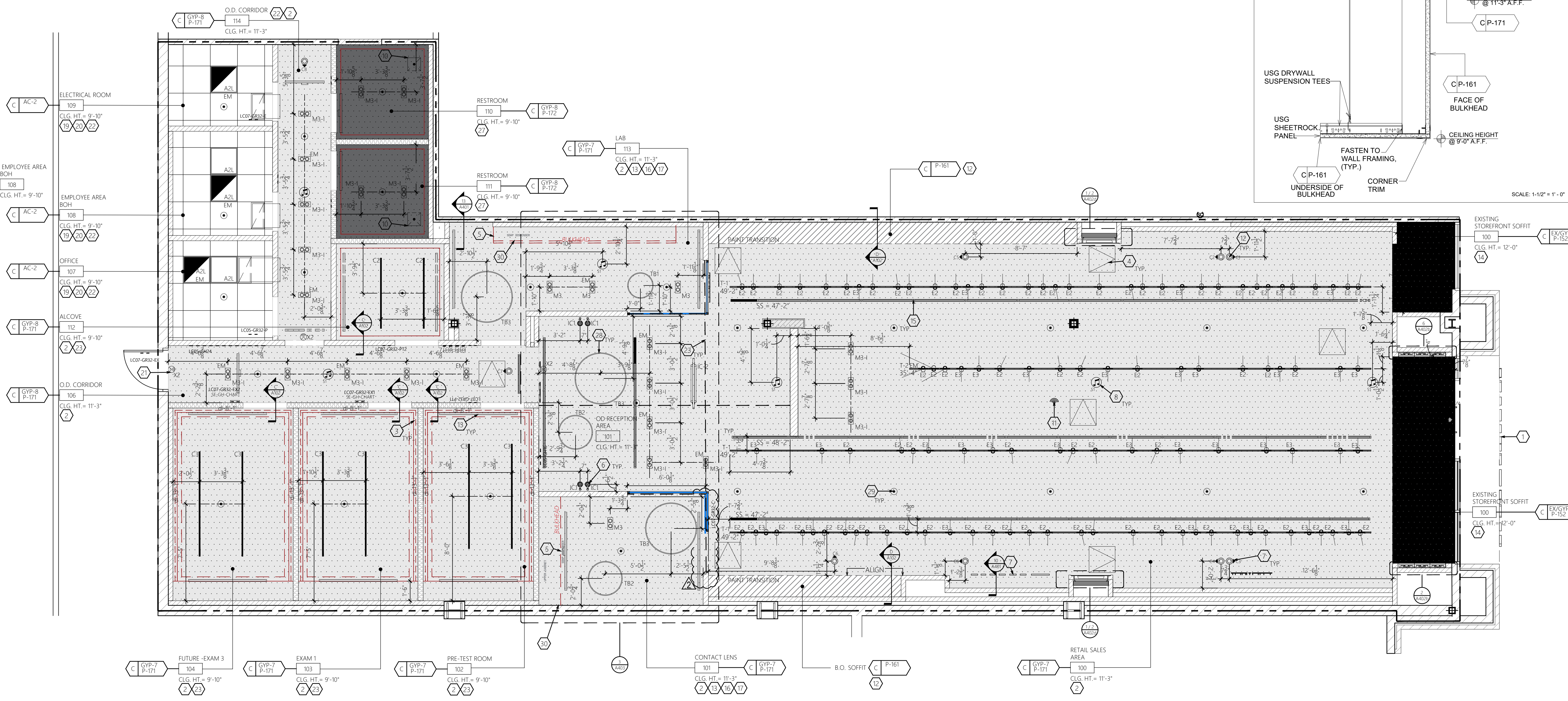
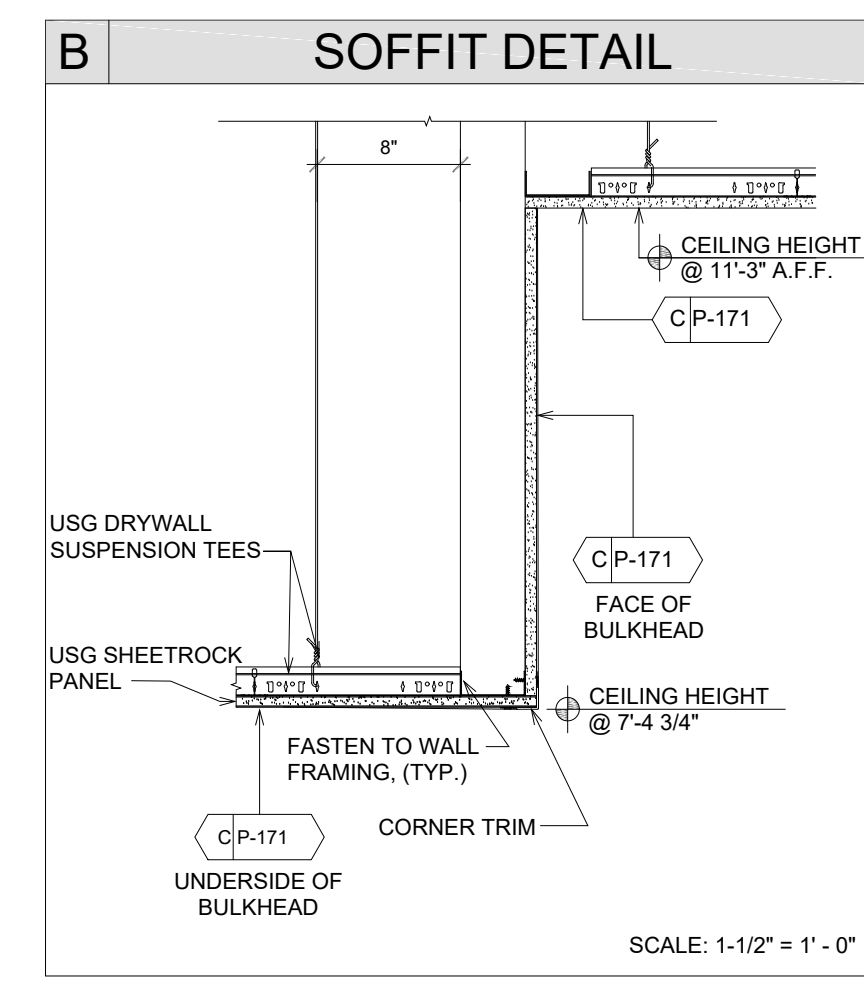
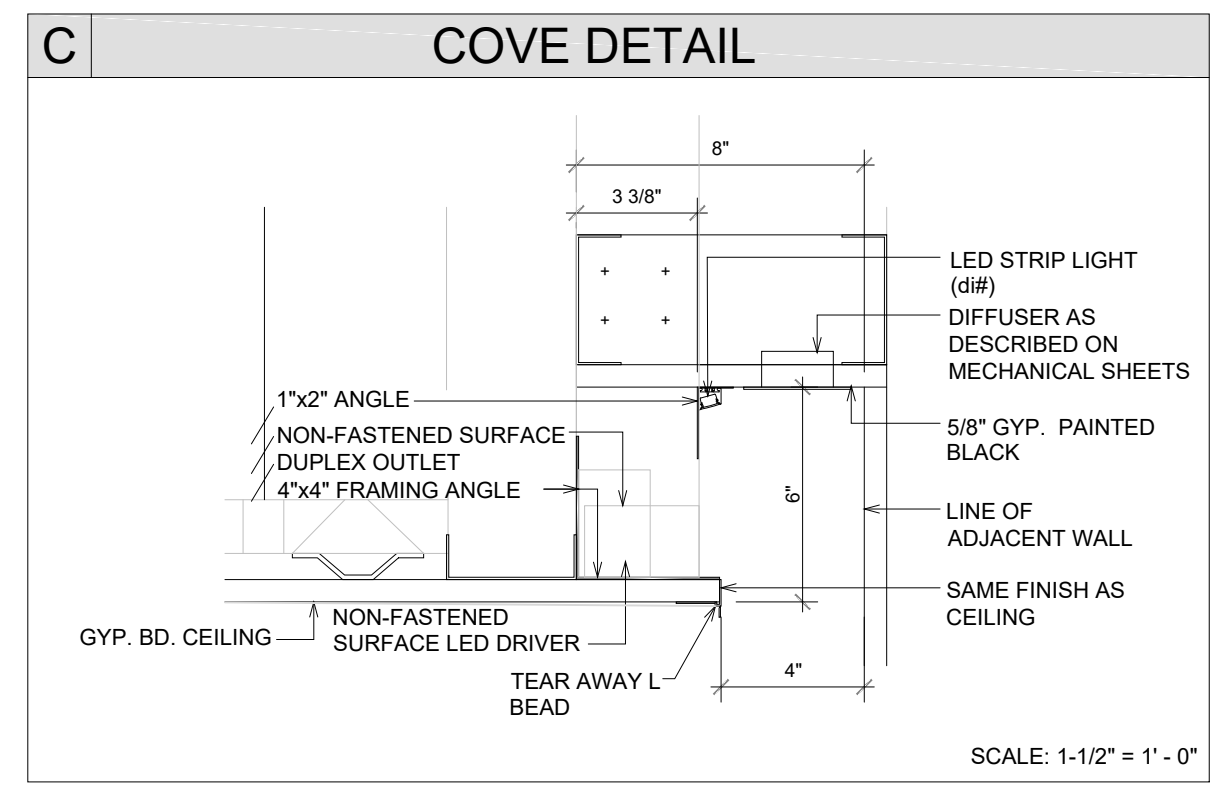
1 CEILING LEGEND		
SYMBOL	TYPE	DESCRIPTION
	A2L, A2LE	2X2 LAY-IN WITH 3" DEEP WHITE 9-CELL PARABOLIC LOUVER LE= EMERGENCY BALLAST AND 90 MINUTE BATTERY BACK UP
	M1, M2, M3	M3- RECESSED ADJUSTABLE DOWN LIGHT, WITH BLACK TRIM AND INTERIOR 31 DEGREE OPTICS
	E1, E2, E3	E1 BLACK TRACK HEAD 15 DEGREE OPTICS E1 BLACK TRACK HEAD 24 DEGREE OPTICS E1 BLACK TRACK HEAD 31 DEGREE OPTICS
	T-X	LIGHTING TRACK BLACK FINISH, FIELD CUT TO MATCH SIZE ON PLACE, PROVIDE ENFEEDS AND CONNECTORS AS REQUIRED.
	X2	WHITE THERMOPLASTIC EXIT SIGN, RED LETTERS, UNIVERSAL MOUNTING
		AUDIO SPEAKER
		SECURITY CAMERA
		18" x 18" CEILING ACCESS PANEL FINISH TO MATCH CEILING FINISH
	2' x 2' SUPPLY DIFFUSER	
	22"x10" RETURN	
	SLOT SUPPLY DIFFUSER LENGTHS INDICATED	
	SLOT RETURN DIFFUSER LENGTHS INDICATED	
	d# (LENGTH)	COVE LIGHT (LENGTH = LENGTH OF LED LIGHT) mm1 - UNDERCOUNTER LIGHT (INC. IN MILLWORK PACKAGE)
	tb2, tb3	SUSPENDED DECORATIVE PENDANT
	d# (LENGTH)	COVE LIGHT (LENGTH = LENGTH OF LED LIGHT) mm1 - UNDERCOUNTER LIGHT (INC. IN MILLWORK PACKAGE)
		CUSTOMER FACING SPRINKLER HEAD; CONCEALED HEAD, CUSTOM COLOR CAP TO MATCH CEILING
		NON-CUSTOMER FACING SPRINKLER HEAD; SEMI-RECESSED
	kc1	CUSTOM VERTICAL WALL SCONCE
	kc2	PENDANT LIGHT (BOTTOM OF LIGHT MOUNTED AT 8'-6" AFF)



- 2 KEY NOTES**
- NEW STOREFRONT SIGN BY SIGN CONTRACTOR.
  - INSTALL GYP. BD. CEILING (GYP-7) AS INDICATED. SEE SHEET A403 FOR CEILING DETAILS.
  - 4" GYP. BD. CEILING COVE (TYP.) WITH LED LIGHT. SEE DETAIL 'C' ON THIS SHEET.
  - PROVIDE AND INSTALL 18"X18" ACCESS PANEL "STEALTH" NO EXPOSED FLANGE TYPE. PAINT TO MATCH ADJACENT CEILING AREA.
  - LINE OF GYP. BD. BULKHEAD @ 7'-4 3/4". SEE DETAIL 'B' ON THIS SHEET.
  - INSTALL LC1 LIGHT FIXTURE, CENTERED AT 5'-1". REFER TO INTERIOR ELEVATIONS FOR WALL PLACEMENT.
  - SECURITY CAMERA SYSTEM INSTALLED BY TENANT VENDOR. SUGGESTED LOCATIONS INDICATED ON PLAN COORDINATE WITH SECURITY VENDOR BEFORE INSTALLATION. PAINT COLLAR TO MATCH SURROUNDING CEILING AREA. (TYP.) SECURITY CAMERAS SHALL NOT RECEIVE ANY ABOVE CEILING JUNCTION BOX. THE CAMERAS HAVE THEIR OWN RECESS MOUNT KITS. LOCATION OF CAMERAS SHALL BE MARKED CLEARLY IN ORDER FOR SECURITY CAMERA TECHNICIAN TO LOCATE. ALL WIRING TO BE PROVIDED AND INSTALLED PER ELECTRICAL PLANS.
  - AUDIO SPEAKER SYSTEM INSTALLED BY TENANT VENDOR. CEILING FRAMING & FINISHING FOR SPEAKERS BY G.C., G.C. TO COORDINATE WITH VENDOR.
  - INSTALL TRAFFIC COUNTER (SHOPPER TRAK). REFER TO E100. PAINT TO MATCH SURROUNDING CEILING AREA.
  - INSTALL NEW EXHAUST FAN IN THE TOILET ROOM AS INDICATED. COORDINATE WITH MECHANICAL DRAWINGS FOR MORE INFORMATION.
  - INSTALL WIRELESS ACCESS POINT. REFER TO ELECTRICAL DRAWINGS FOR MORE INFORMATION.
  - LINE OF GYP. BD. BULKHEAD @ 9'-0". SEE DETAIL 'D' ON THIS SHEET.
  - U.N.O. CENTER SUPPLY/ RETURN DIFFUSER IN EACH DIRECTION WITHIN COVE. REFER TO MECHANICAL DRAWINGS FOR MORE INFORMATION.
  - CEILING OUTLETS THAT FALL IN THE STOREFRONT SOFFIT AREA PAINTED P-152 ARE TO BE A BLACK FINISH FOR OUTLET AND COVER PLATE.
  - INSTALL LINEAR SUPPLY AND RETURN AIR REGISTERS AS INDICATED. COORDINATE WITH MECHANICAL DRAWINGS FOR SPECIFIC TYPES AND INSTALLATION DETAILS. DIFFUSERS TO BE PAINTED TO MATCH SURROUNDING CEILING AREA.
  - INSTALL RECESSED LIGHT FIXTURES (M1, M2, OR M3) IN ROOMS AS INDICATED.
  - INSTALL GYP. BD. CEILINGS (GYP-7)(P-171) IN PRE-TEST ROOMS, ALCOVE, EXAM ROOMS. SEE SHEET A403 FOR CEILING DETAILS.
  - INSTALL RECESSED DOWN LIGHT FIXTURES "DBW" IN ROOMS AS INDICATED.
  - INSTALL 2 x 2 ACOUSTICAL CEILINGS (AC-2) IN THE EMPLOYEE / BACK OF HOUSE AREA. SEE SHEET A403 FOR CEILING DETAILS.
  - INSTALL 2 x 2 LIGHT FIXTURES "A2L" AND "A2LE" IN THE EMPLOYEE / BACK OF HOUSE AREA, AS INDICATED.
  - INSTALL EXIT LIGHT FIXTURES "X2" IN THE BACK OF HOUSE AREA AS INDICATED.
  - INSTALL DROP IN SUPPLY AND RETURN AIR DIFFUSERS IN ROOMS AS SHOWN. COORDINATE WITH MECHANICAL DRAWINGS FOR SPECIFIC TYPES AND INSTALLATION DETAILS.
  - BOX BEAM - REFER TO 3 / A403
  - NOT USED
  - NOT USED
  - INSTALL RECESSED DOWN LIGHT FIXTURE "DBW" IN THE TOILET ROOMS AS INDICATED.
  - NEW TOILET ROOM GYP. BD. CEILING FINISHED (GYP-8) (P-172).
  - BOTTOM OF PENDANT LIGHT FIXTURE TO BE MOUNTED @ 8' - 6" A.F.F.
  - NEW SPRINKLER HEAD
  - INSTALL UNDER COUNTER LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS. (PART OF MILLWORK PACKAGE)

- 3 GENERAL NOTES**
- EMERGENCY (EM) LUMINAIRES SHALL BE CIRCUITED WITH AN "UNSWITCHED HOT" TO PROVIDE CONTINUOUS POWER TO BATTERY PACK EVEN WHEN LUMINAIRE IS OFF.
  - ALL NIGHT-LIGHT (NL) LUMINAIRES SHALL BE CIRCUITED AHEAD OF ANY SWITCHING.
  - IT SHALL BE THE G.C.'S RESPONSIBILITY TO UNLOAD INVENTORY AND STORE LIGHTING PACKAGE. THE G.C. SHALL ALSO SHIP ANY EXCESS MATERIALS BACK TO THE ELECTRICAL PACKAGE DISTRIBUTOR.
  - EXIT LIGHTS AT THE STOREFRONT SHALL BE CEILING MOUNTED AND CENTERED OVER OPENINGS. EXIT/EMERGENCY LIGHTS AT DOOR TO NON-SALES AREAS SHALL BE CEILING MOUNTED AND CENTERED ABOVE DOOR. IF PLAN LOCATIONS ARE NOT ACCEPTABLE, IMMEDIATELY CONTACT LUXOTTICA PROJECT MANAGER FOR DIRECTION.
  - WHERE DRYWALL CEILINGS ARE USED IN THE SALES AREA, G.C. SHALL ARRANGE CIRCUITS TO AVOID THE USE OF JUNCTION BOXES IN INACCESSIBLE LOCATIONS. THE USE OF JUNCTION BOXES ABOVE DRYWALL CEILINGS SHALL BE LIMITED TO LOCATIONS NEAR ACCESS FRAMES USED FOR DIFFUSERS AND RETURN AIR GRILLES OR ACCESS PANELS AS LOCATED ON PLANS. IF PLAN LOCATION IS NOT ACCEPTABLE, IMMEDIATELY CONTACT LUXOTTICA PROJECT MANAGER FOR DIRECTION.
  - LIGHTING CIRCUITS UP TO 100'-0" IN LENGTH SHALL UTILIZE #12 CONDUCTORS MINIMUM. LIGHTING CIRCUITS FROM 101'-0" TO 150'-0" IN LENGTH SHALL UTILIZE #10 CONDUCTORS MINIMUM. LIGHTING CIRCUITS ABOVE 151'-0" IN LENGTH SHALL UTILIZE #6 CONDUCTORS MINIMUM.
  - LIGHTING SHALL BE CIRCUITED EXACTLY AS SHOWN ON PLANS. CIRCUITING SHALL BE THRU-WIRING WHEREVER POSSIBLE. MULTIPLE CONNECTIONS TO A SINGLE LIGHT FIXTURE FOR VOLTAGE DROP CONDITIONS OR AS A RESULT OF A FIELD CONDITION ARE ACCEPTABLE. LIGHTING FIXTURES SHALL BE MANUFACTURED TO ACCOMMODATE THRU-WIRING. ANY RELATED COSTS FOR MULTIPLE CONNECTIONS SHALL BE INCLUDED IN BID.
  - G.C.'S BID SHALL INCLUDE THE INSTALLATION OF ALL LUMINAIRES AND ASSOCIATED LAMPS FURNISHED BY LUXOTTICA. G.C. IS RESPONSIBLE TO ENSURE THE ADJUST ABILITY OF ALL DIRECTIONAL FIXTURES AFTER INSTALLATION AND SHALL AIM THE FIXTURES PER DIRECTION FROM G.C. LIGHT FIXTURE SPECIFICATIONS MAY VARY. IF THIS IS THE CASE, CONTRACTOR SHALL CALL THE LIGHTING DISTRIBUTOR FOR EXACT SPECIFICATION OF LIGHTING FIXTURES. IF THE CEILING SYSTEMS ARE FIRE RATED, G.C. SHALL CLOSELY COORDINATE FIXTURE REQUIREMENTS WITH LUXOTTICA.
  - EMERGENCY AND EXIT LUMINAIRES SHALL BE INSTALLED AND CIRCUITED PER LOCAL AND LATEST NATIONAL ELECTRICAL CODES. ALL EMERGENCY AND EXIT FIXTURES SHALL BE DUAL-VOLTAGE WITH BATTERY BACKUP (120/277 VOLT INPUT). INSTALL A CENTRAL BATTERY SYSTEM WHERE THE USE OF INDIVIDUAL BATTERY UNITS ARE PROHIBITED BY LOCAL CODES. IF PLAN LOCATION IS NOT ACCEPTABLE, IMMEDIATELY CONTACT LUXOTTICA PROJECT MANAGER FOR DIRECTION.
  - G.C. SHALL MAKE ALL FINAL CONNECTIONS AS REQUIRED FOR A FULLY COMPLETE AND OPERABLE SYSTEM.
  - G.C. SHALL VERIFY THE VOLTAGE AND COMPATIBILITY OF ALL EQUIPMENT, FIXTURES AND MILLWORK PRIOR TO CONNECTION.
  - CEILING GRID SHALL BE CENTERED IN ROOM UNLESS OTHERWISE NOTED.
  - NOT USED
  - INSTALL ALL NEW LIGHTS AND TRACK AS INDICATED. DOWNLIGHTS TO BE CENTERED IN CEILING TILE, UNLESS NOTED OTHERWISE.
  - NOT USED
  - INSTALL SUPPLY AND RETURN AIR DIFFUSERS AS INDICATED. COORDINATE WITH MECHANICAL DRAWINGS FOR SPECIFIC TYPES AND INSTALLATION DETAILS. DIFFUSERS TO BE PAINTED TO MATCH SURROUNDING CEILING AREA. (TYP. IN GYP. CEILING)
  - INSTALL NEW SPRINKLER HEADS THROUGHOUT THE SPACE. COORDINATE WITH FIRE PROTECTION PLAN. G.C. TO ORDER FIRE SPRINKLER CAPS WITH CUSTOM COLOR TO MATCH CEILING COLORS. CODE REQUIRES ORDERING, NOT SELF PAINTING (TYP.)
  - G.C. TO PROVIDE AND INSTALL FIRE DAMPERS IN DUCTWORK AT ANY DEMISING WALL PENETRATIONS. TYP.

- 4 SPRINKLER SYSTEM NOTES**
- FOR NEW FIRE SPRINKLER SYSTEM:  
CONTRACTOR SHALL PROVIDE A COMPLETE FIRE PROTECTION SPRINKLER SYSTEM FOR THE ENTIRE SPACE IN COMPLIANCE WITH ALL APPLICABLE CODES AND REGULATIONS AND THE LANDLORD'S CRITERIA. THE CONTRACTOR SHALL HAVE DRAWINGS, SHOP DRAWINGS, APPLICATIONS AND SUBMITTALS PREPARED BY A PROPERLY LICENSED PROFESSIONAL WHO IS APPROVED BY THE LANDLORD. ALL DRAWINGS AND CONSTRUCTION SHALL BE IN COMPLIANCE WITH ALL CODES, REGULATIONS, INSURANCE ASSOCIATIONS AND RATING BUREAUS AND SHALL INCLUDE ALL PERMITS, TESTS, SHUT DOWN FEES AND CERTIFICATIONS TO PROVIDE A COMPLETE IN PLACE SYSTEM.
- FOR EXISTING FIRE SPRINKLER SYSTEM:  
CONTRACTOR SHALL REWORK AND MODIFY THE SYSTEM IF NECESSARY FOR THE NEW SPACE CONFIGURATION. MODIFICATIONS SHALL BE DESIGNED AND INSTALLED BY A QUALIFIED FIRE SPRINKLER CONTRACTOR, WHO SHALL PREPARE DESIGN/SHOP DRAWINGS OF THE SYSTEM AND SUBMIT SUCH DRAWINGS TO THE LANDLORD AND BUILDING AND FIRE DEPARTMENTS FOR APPROVAL PRIOR TO FABRICATION AND INSTALLATION. ALL WORK SHALL BE DONE IN ACCORDANCE WITH NFPA, STANDARD 101, AND ANY OTHER STATE OR LOCAL CODES HAVING JURISDICTION.
- DESIGN STANDARDS:  
- HARD CEILING AND CEILING TILE AT RETAIL AREA / STOREFRONT: WHITE CONCEALED HEADS; RELIABLE MODEL "G-4"; TYCO "RF-11"  
- CEILING TILE AT LOUNGE, OFFICE, AND BACK OF HOUSE: WHITE PENDANT HEADS WITH WHITE TRIM RINGS; RELIABLE MODEL "G-PT"; TYCO "TY-L"  
- CEILING TILE AT LOUNGE, OFFICE, AND BACK OF HOUSE: WHITE PENDANT HEADS WITH WHITE TRIM RINGS; RELIABLE MODEL "G-4"; TYCO "TY-L"





STORE # 1643  
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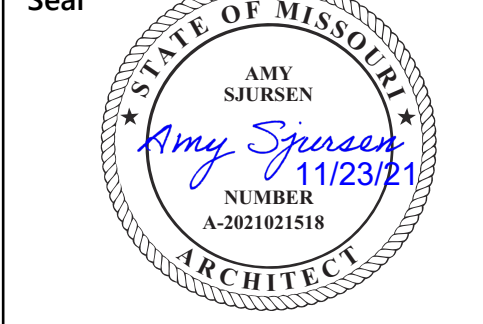
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Architect Job No.:

LUX-305

Nextore Store Design Revision No.:

REV 06

Nextore project Number 84169

Brand Design Type: LC06 AUGNORM

ISSUED FOR:

Construction

Title

FINISH PLAN

Date 10/01/21	Sheet A103
Drawn By STAFF	
Checked By JHM	

4 INTERIOR MATERIALS FIRE RATINGS

MATERIAL	FLAME SPREAD	SMOKE DENSITY
PLASTIC LAMINATE	80 (BONDED)	95 (BONDED)
CARPET	26 - 75	450 OR LESS
VINYL TILE	0.45	450 OR LESS
LAY-IN CEILING	25	10
F.R.P.	150	245
VINYL BASE	0.45	450 OR LESS

FLOOR WATERPROOFING

**WATER PROOFING:**  
THE G.C. SHALL INSTALL A WATER PROOF MEMBRANE IN ALL WET AREAS, TOILET ROOMS, MOP SINK AND DRINKING FOUNTAIN AND ALL OD SINK AREAS. THE SLAB SHALL BE WATER PROOFED USING A 30 MIL POLYETHYLENE CLEAVAGE MEMBRANE EQUAL TO "NOBLESSEAL TS" INSTALLED PER MANUFACTURERS RECOMMENDATIONS AND ANSI-A108. MEMBRANE SHALL EXTEND AROUND PERIMETER OF THE ROOM A MINIMUM OF (4") FOUR INCHES IN HEIGHT OR EQUAL TO THE HEIGHT OF THE BASE. SLEEVES AND FIXTURES MUST BE FLASHED INTO THE MEMBRANE. ALL PENETRATIONS MUST BE SEALED IN ACCORDANCE WITH THE MFG'S RECOMMENDATIONS. BEFORE INSTALLATION OF THE FINISHED FLOOR, THE FLOORING CONTRACTOR MUST DEMONSTRATE WATERTIGHT INTEGRITY OF THE MEMBRANE TO THE LANDLORDS FIELD REPRESENTATIVE.

2 GENERAL NOTES

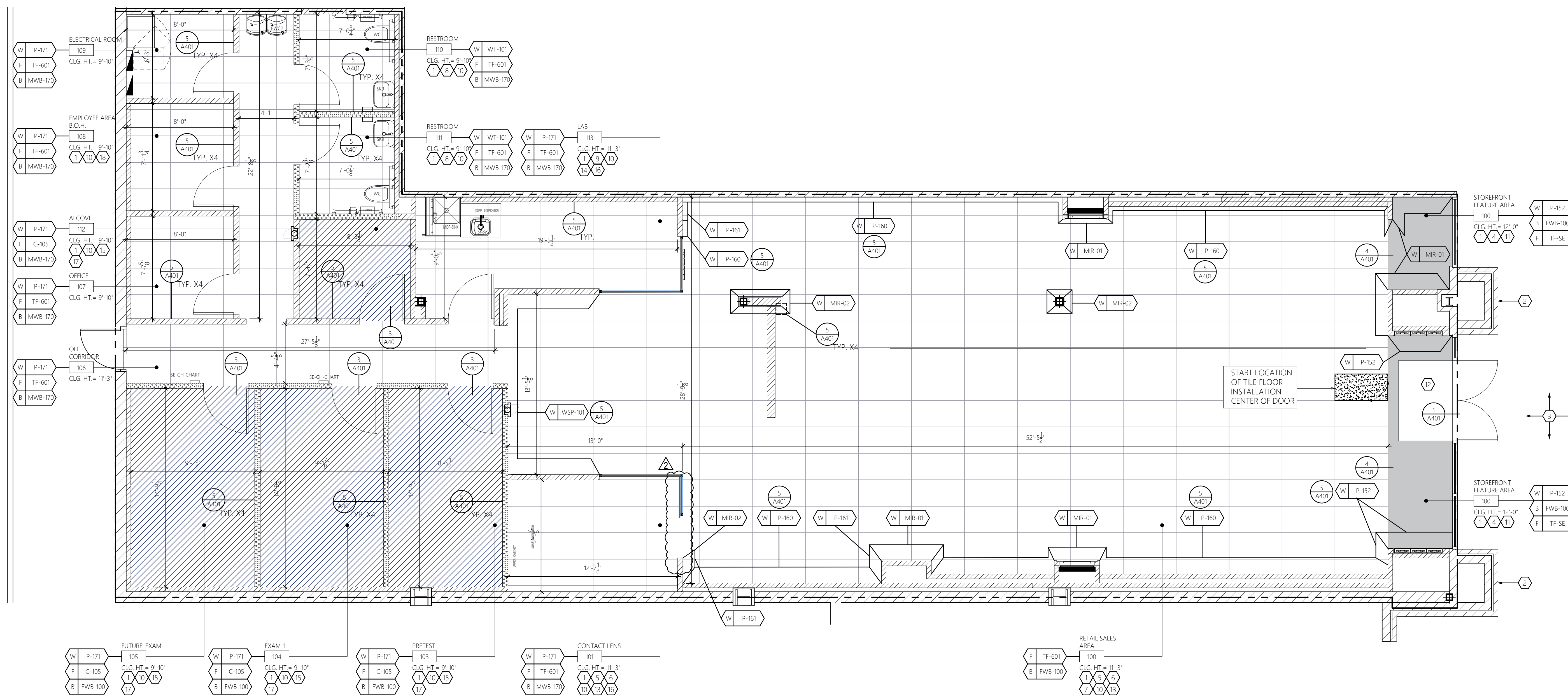
- G.C. IS RESPONSIBLE FOR ANY PREPARATION OF THE FLOOR SLAB AND PROCUREMENT OF MATERIALS REQUIRED AT THE ENTRANCE TO PRODUCE A FLUSH CONDITION BETWEEN THE STORE LEASE LINE AND THE EXISTING MALL FLOORING.
- G.C. IS RESPONSIBLE FOR INSTALLING ALL FINISH FLOORING. G.C. IS ALSO RESPONSIBLE FOR ALL FINISH MATERIALS BEHIND AND UNDER ALL MILLWORK.
- REFER TO SPECIFICATIONS SCHEDULE ON SHEET G003 & G004
- REFER TO GENERAL NOTES ON SHEET G001.
- ALL TENANT FURNISHED ITEMS (MATERIAL AND LABOR) TO BE SCHEDULED, COORDINATED AND SUPERVISED BY G.C.
- CAULK AROUND FRP TO THE WALLS WITH WHITE SILICONE CAULKING.
- REFER TO DOOR SCHEDULE FOR DOOR FINISHES. GO TO PREP EXISTING DOORS PRIOR TO RE-FINISHING.
- PRIOR TO INSTALLATION OF NEW FLOOR, GC TO VERIFY EXISTING FLOOR CONDITIONS MEETS AND ARE IN COMPLIANCE WITH ANSI STANDARD FOR THIN SET TILE AND THE LATEST EDITION OF TILE COUNCIL OF AMERICA. IF THERE ARE ISSUES OR DEFICIENCIES, CONTACT LUXOTTICA PROJECT MANAGER PRIOR TO INSTALLATION.
- ALLOW (2) WEEKS DRY TIME FOR ALL PAINTED WALLS BEFORE APPLYING GRAPHICS.

3 FINISH SYMBOL KEY

F XXXX FLOOR	B XXXX BASE	W XXXX WALL	T XXXX TRIM	C XXXX CEILING (SEE RCP FOR LOCATION)
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1 KEY NOTES

- G.C. TO PREP CONCRETE FLOOR FOR NEW FLOORING INSTALLATION. CLEAN, SCRAPE, GRIND, PATCH AND REPAIR CONCRETE AS REQUIRED PER LUXOTTICA PROJECT MANAGER'S APPROVAL.
- EXISTING SHELL BUILDING STOREFRONT FINISHES TO REMAIN. SEE STOREFRONT SHEET A300 FOR ADDITIONAL INFORMATION.
- EXISTING EXTERIOR CONCRETE SIDEWALK TO REMAIN.
- PAINT STOREFRONT AREA PARTITIONS, CEILINGS (GYP-2) AND SOFFITS (P-152) AS INDICATED. SEE SALES AREA ELEVATIONS FOR EXTENTS OF WALL FINISHES.
- FINISH SALES AREA WALLS (P-160) UNLESS NOTED OTHERWISE. SEE SALES AREA ELEVATIONS FOR EXTENTS OF WALL FINISHES.
- SALES AREA CEILING (GYP-4) TO BE PAINTED (P-160) THROUGHOUT UNLESS NOTED OTHERWISE.
- PAINT SALES AREA FEATURE AREA WALLS AND FEATURE AREA CEILING (P-152). SEE SALES AREA ELEVATIONS FOR EXTENTS OF WALL FINISHES.
- INSTALL NEW TILE FLOORING (TF-601), WALL BASE (MWB-170) WALL TILE (WT-101) IN THE TOILET ROOMS.
- INSTALL NEW F.R.P. (FRP-2) IN THE LAB AREA AT THE MOP SINK LOCATION. SEE ELEVATIONS FOR EXTENTS OF F.R.P.
- INSTALL TILE FLOORING (TF-601) IN THE RETAIL SALES AREA, O.D. RECEPTION AREA, O.D. CORRIDOR, AND CONTACT LENS AREA, TOILET ROOMS, LAB, AND BOH AS SHOWN. NOTE INDICATED STARTING LOCATION OF TILE ON PLAN. G.C. TO MAINTAIN 1/8" GROUT JOINT FOR FLOORING. PROVIDE ALL FLOORING TRANSITIONS AS REQUIRED.
- INSTALL TILE FLOORING (TF-5E) AT STOREFRONT AND SALES AREA FEATURE AREA AS INDICATED. G.C. TO MAINTAIN 1/8" GROUT LINES FROM ADJACENT TILE FLOORING.
- INSTALL NEW WALK-OFF ENTRY MAT (MAT-1) AT THE STOREFRONT AS INDICATED.
- INSTALL NEW WALL BASE (FWB-100) THROUGHOUT THE SALES AREA AND AT ALL FEATURE AREAS. BASE IS TO BE PAINTED TO MATCH AREA WALLS.
- PAINT ALL O.D. AREA AND LAB WALLS (P-171) AS INDICATED UNLESS NOTED OTHERWISE.
- INSTALL NEW CARPET FLOORING (C-105) IN THE PRE-TEST ROOMS, AND EXAM ROOMS, AS INDICATED.
- INSTALL NEW WALL BASE (MWB-170) IN THE O.D. CORRIDOR, CONTACT LENS AREA, AND LAB. BASE IS TO BE PAINTED TO MATCH AREA WALLS.
- INSTALL NEW WALL BASE (MWB-170) IN THE OD ROOMS WITH CARPET, EXAM, PRETEST,
- INSTALL NEW TILE FLOORING (TF-601), WALL BASE (MWB-170) WALL PAINT (P-171) IN THE BACK OF HOUSE.



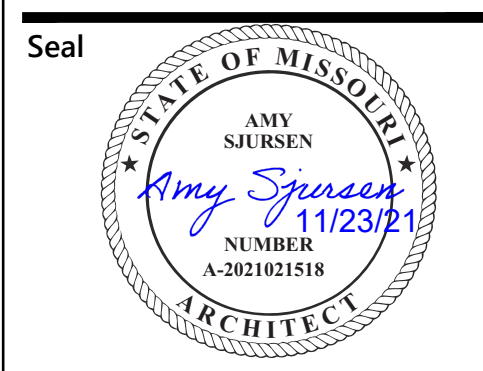
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SCALE: 1/4" = 1'-0"



Mark	Date	By
△	10/22/21	STAFF
△	CITY COMMENTS	
△	10/29/21	STAFF
△	OWNER REVISIONS	
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Architect of Record

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Architect Job No.: LUX-305

Nextore Store Design Revision No.: REV 06

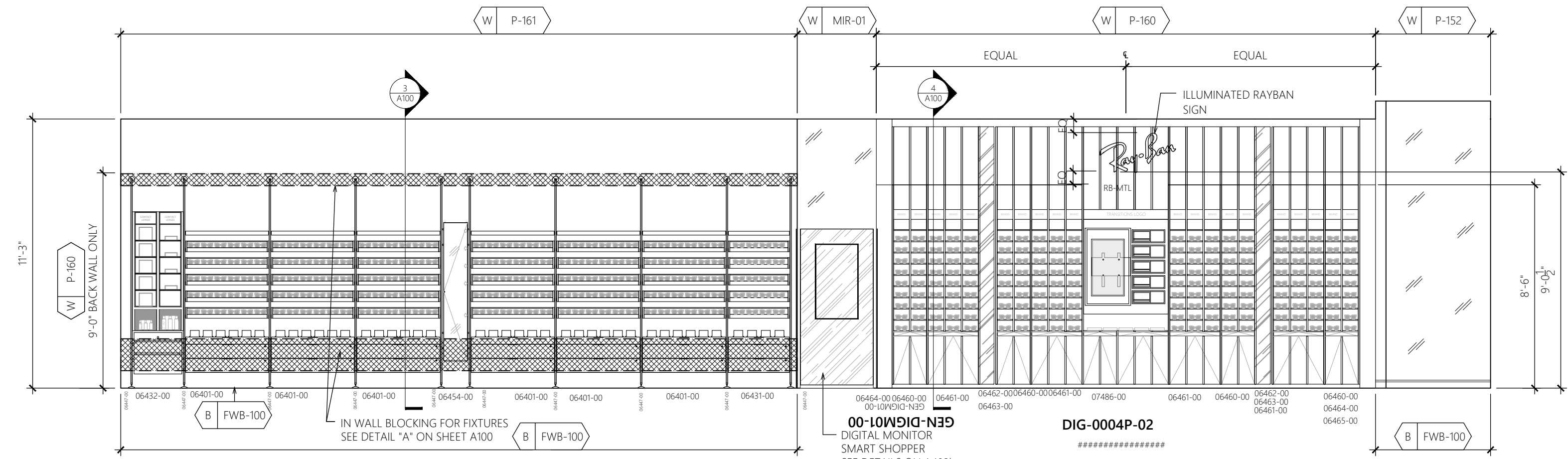
Nextore project Number 84169

Brand Design Type: LC06 AUGNORM

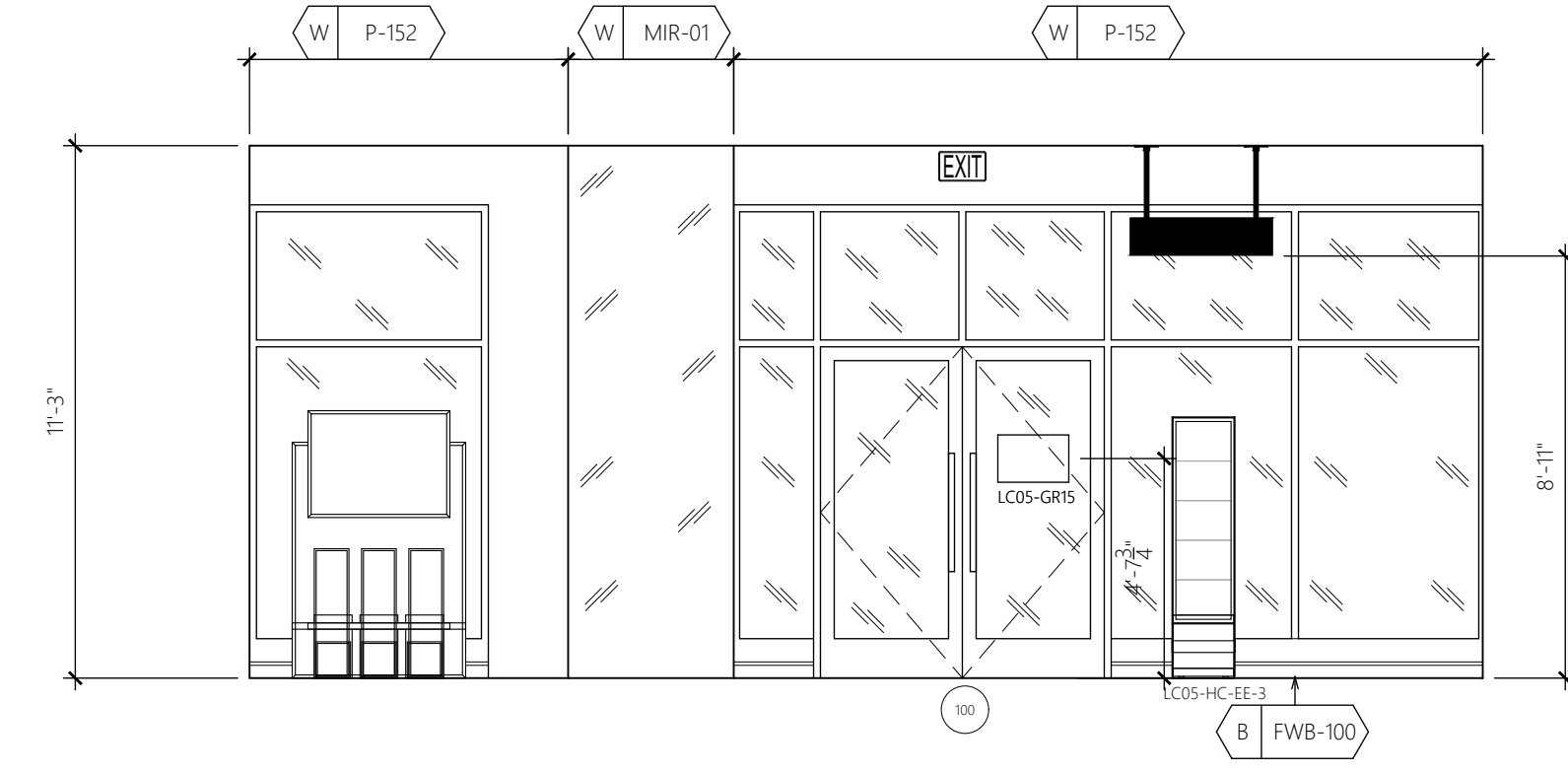
ISSUED FOR: Construction

Title  
INTERIOR ELEVATIONS

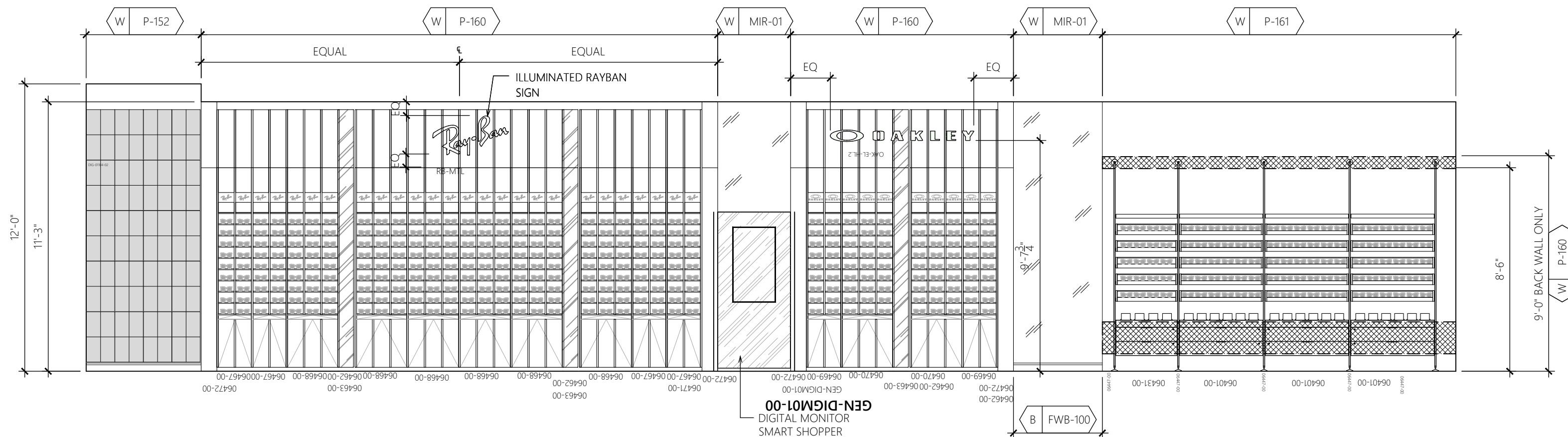
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Drawn By STAFF	
Checked By JHM	



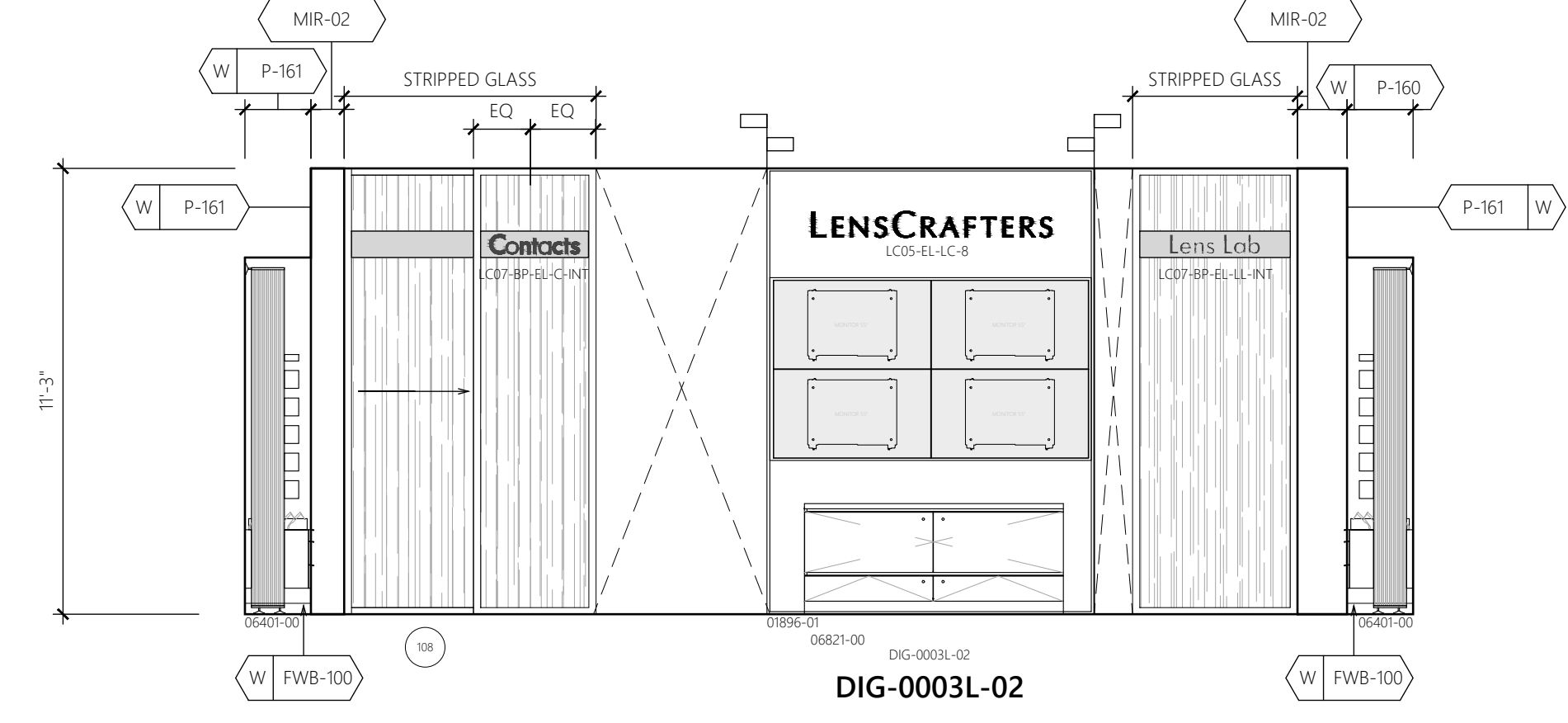
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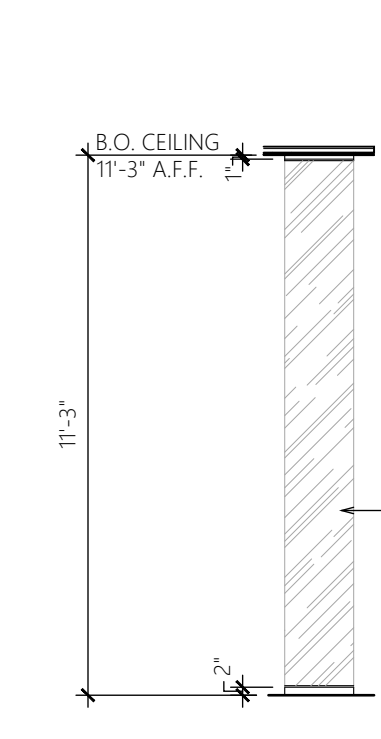
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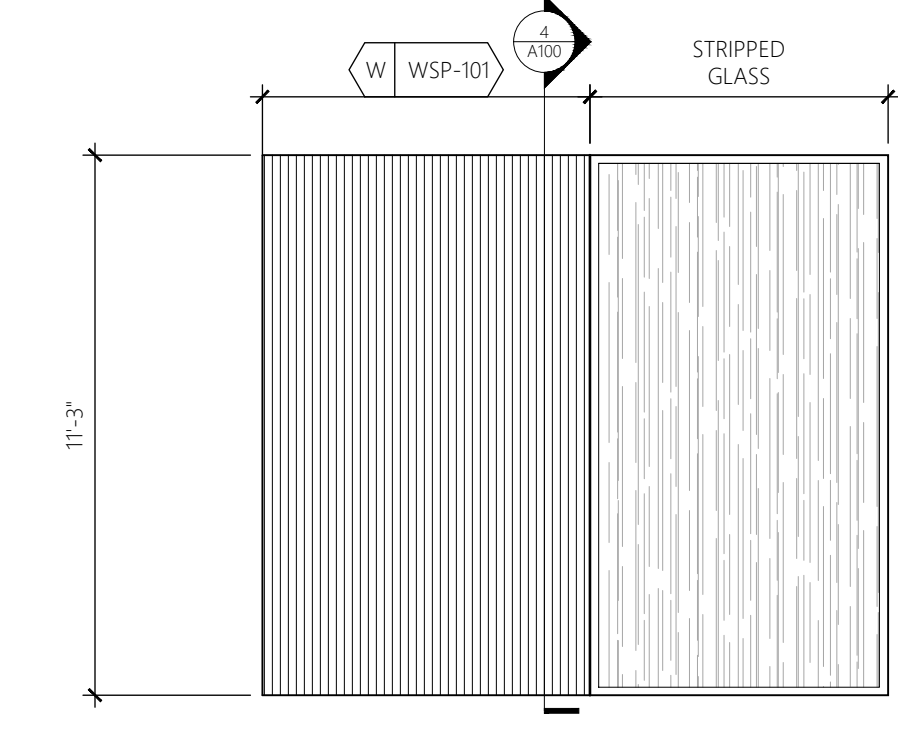
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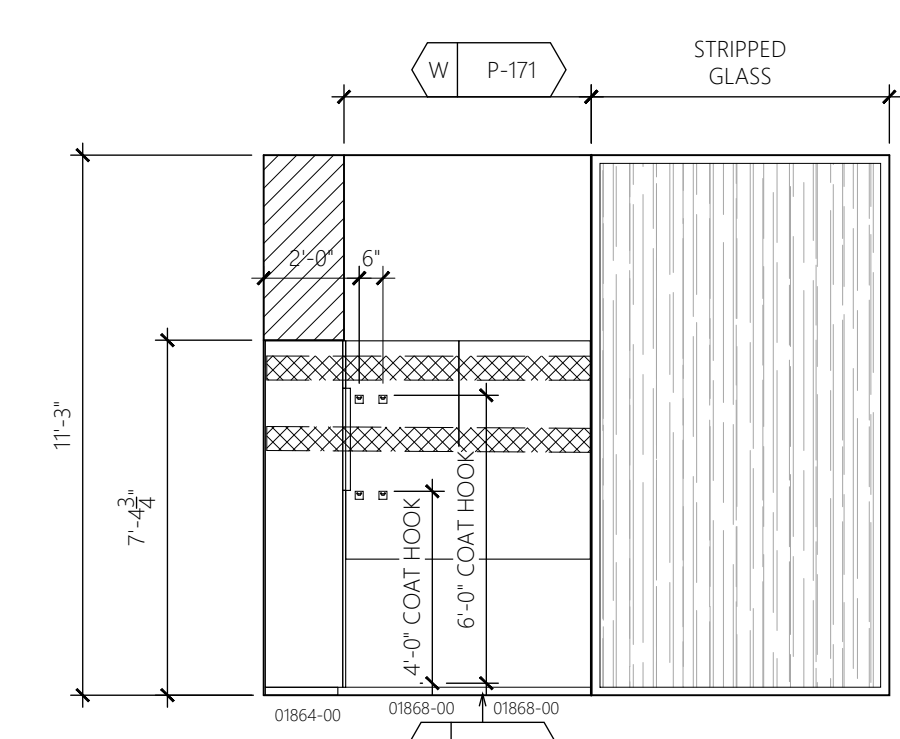
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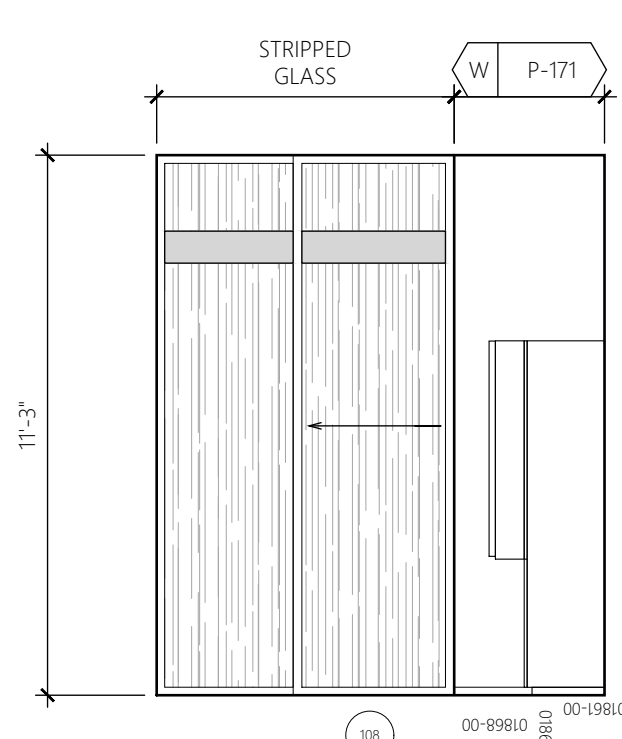
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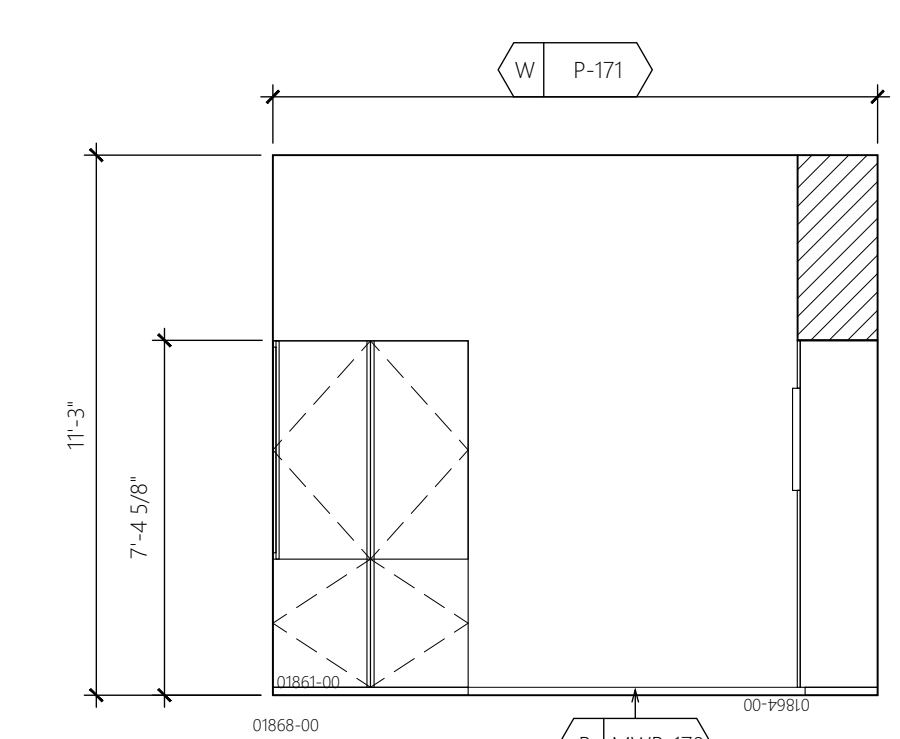
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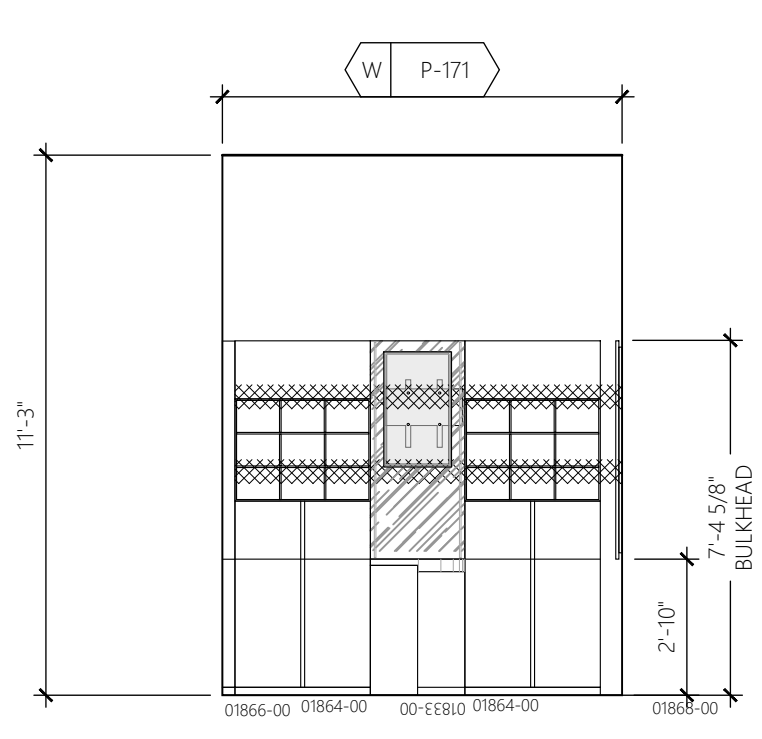
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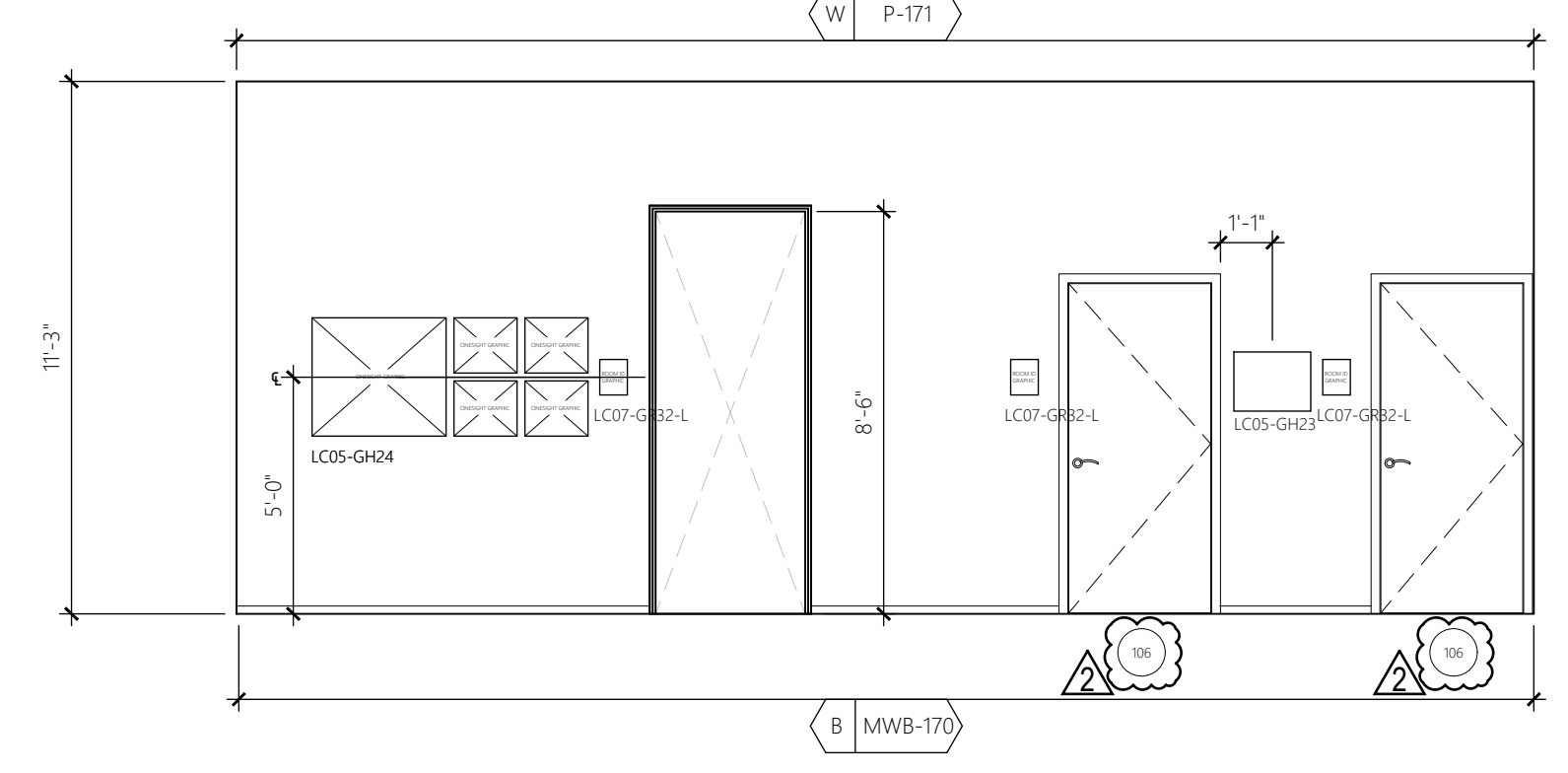
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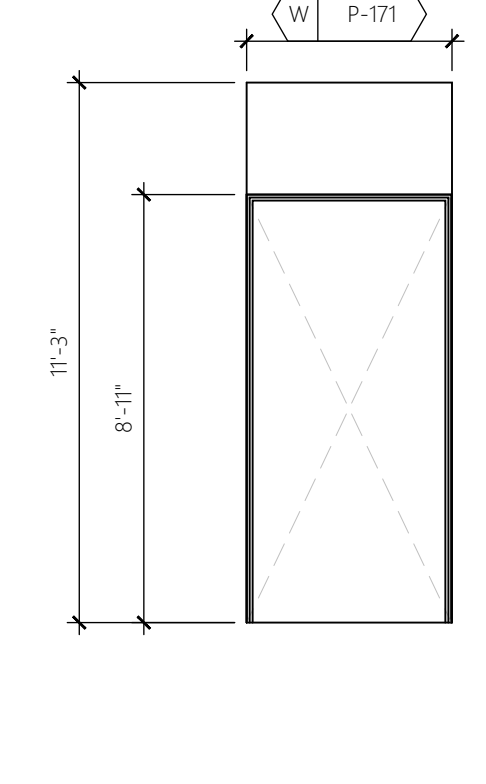
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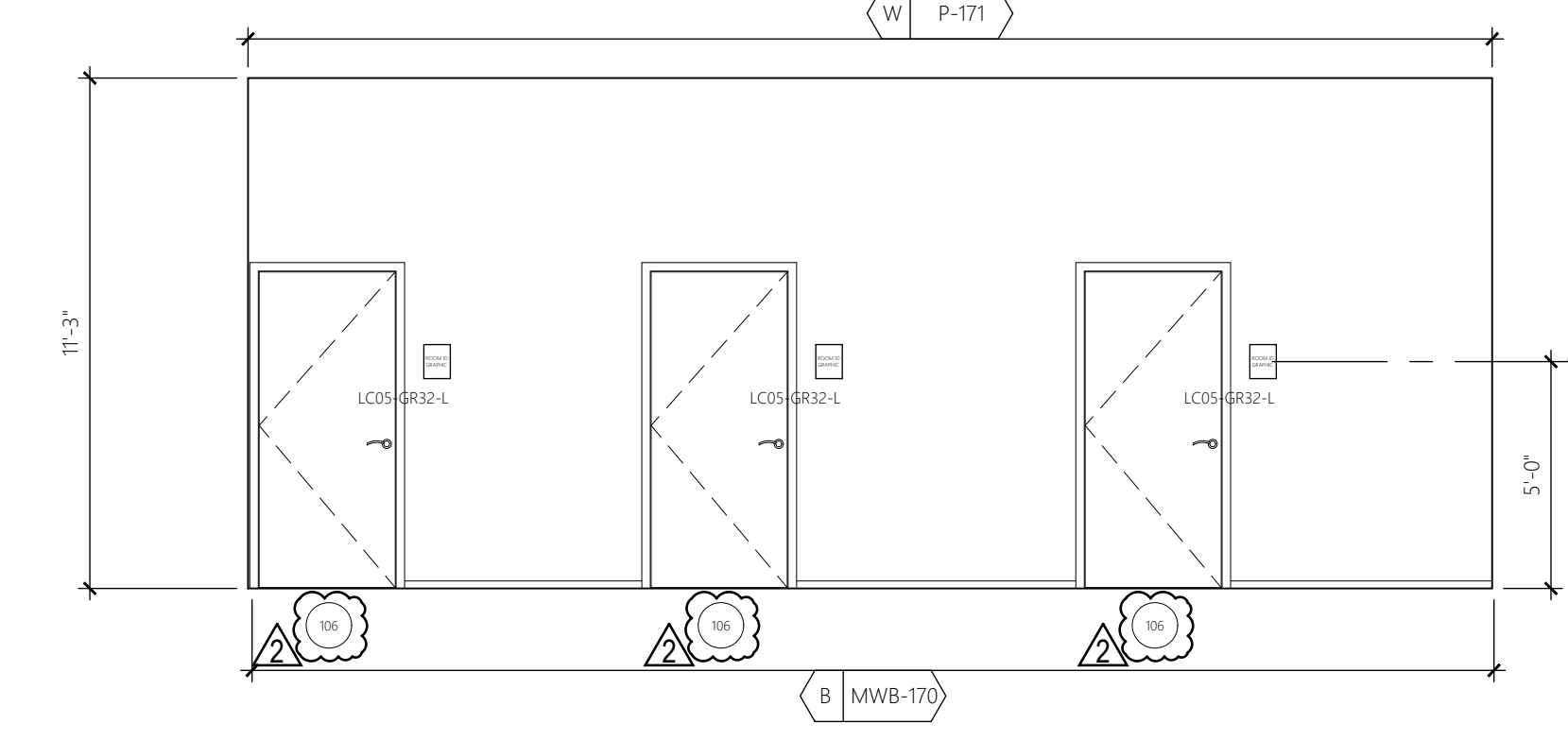
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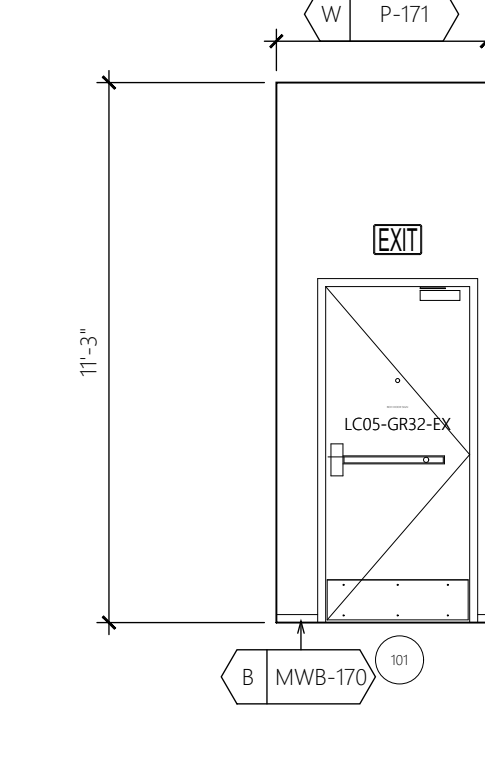
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12 OD CORRIDOR 106  
SCALE: 1/4" = 1'-0"



13 OD CORRIDOR 106  
SCALE: 1/4" = 1'-0"



14 OD CORRIDOR 106  
SCALE: 1/4" = 1'-0"

Construction for:

LENSCRAFTERS  
A Subsidiary of the Luxottica Group  
4000 Luxottica Place Mason, Ohio 45040

Revisions:

Mark	Date	By
10/22/21	STAFF	
CITY COMMENTS		
10/29/21	STAFF	
OWNER REVISIONS		

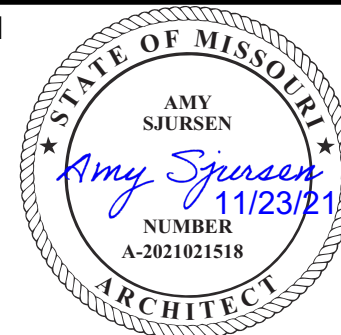
Architect of Record

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Seal



Architect Job No.:

LUX-305

Nextore Store Design Revision No.:

REV 06

Nextore project  
Number

84169

Brand Design Type:

LC06 AUGNORM

ISSUED FOR:

Construction

Title

INTERIOR  
ELEVATIONS

Date

10/01/21

Drawn By

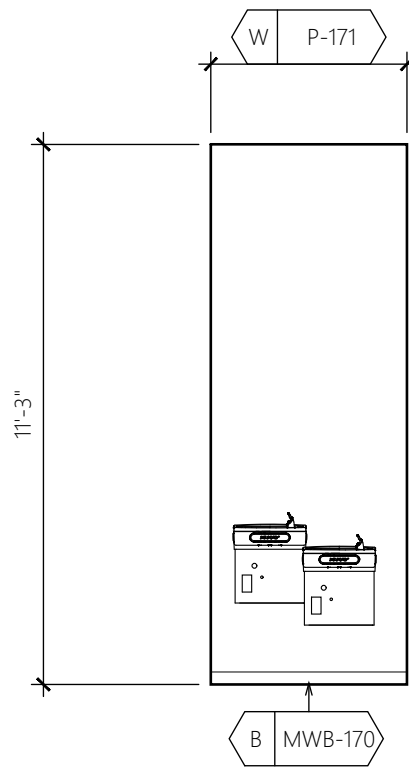
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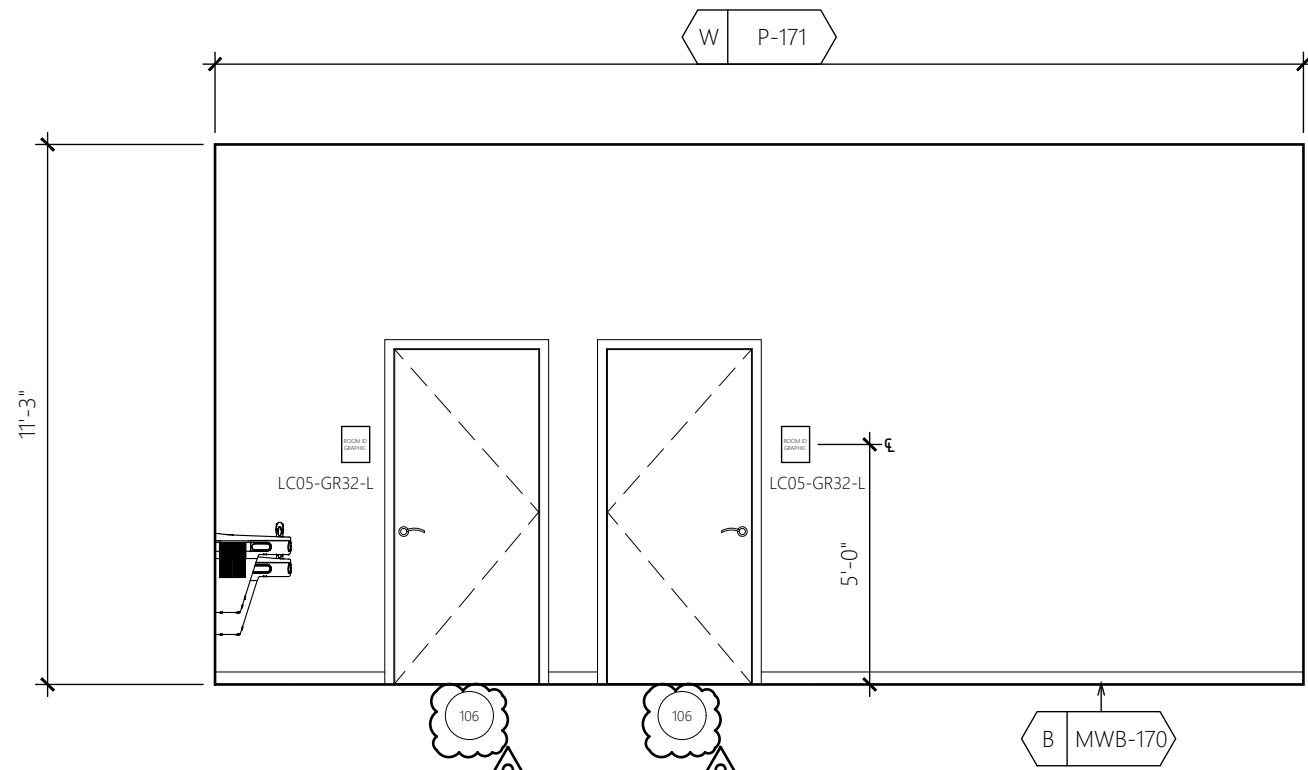
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Sheet

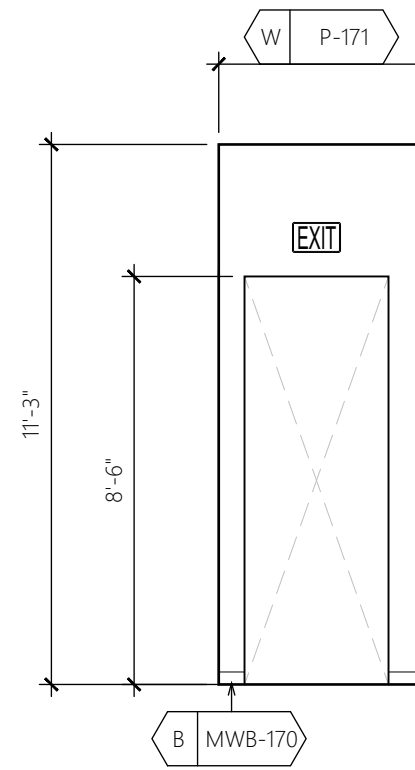
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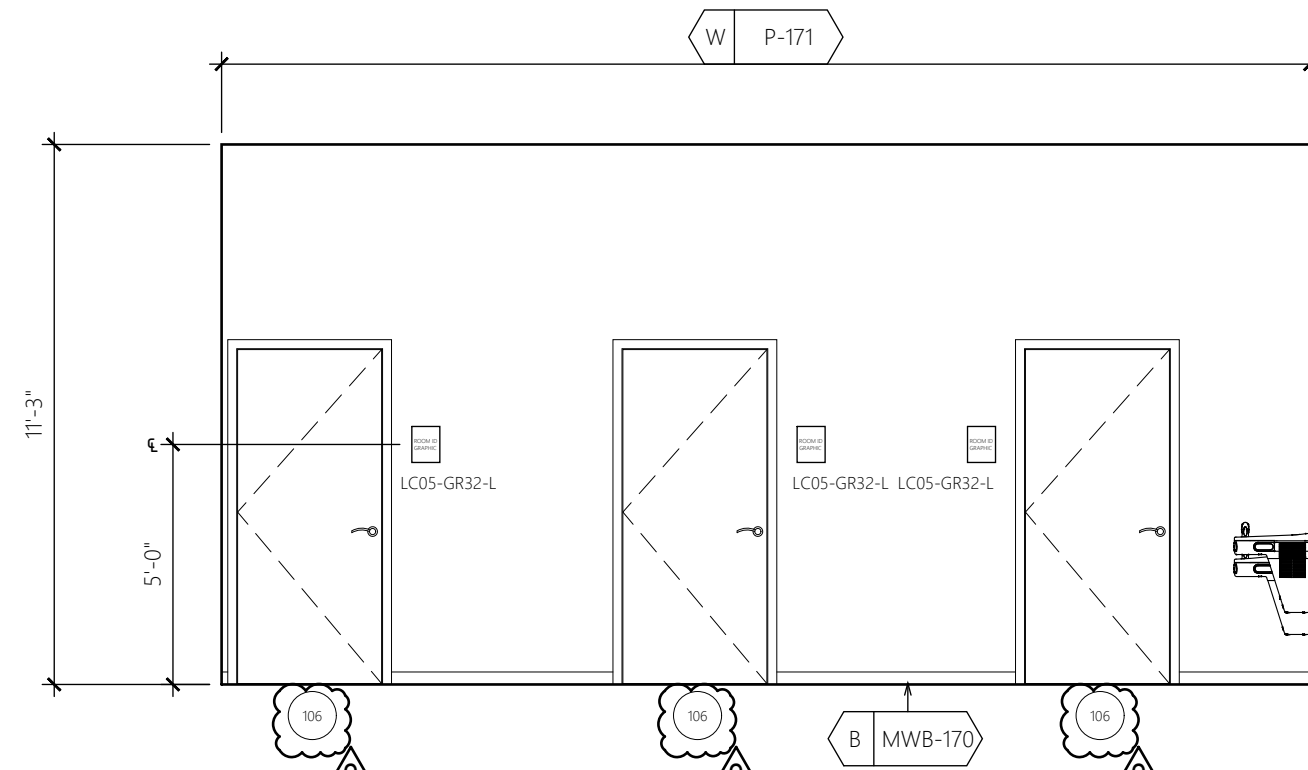
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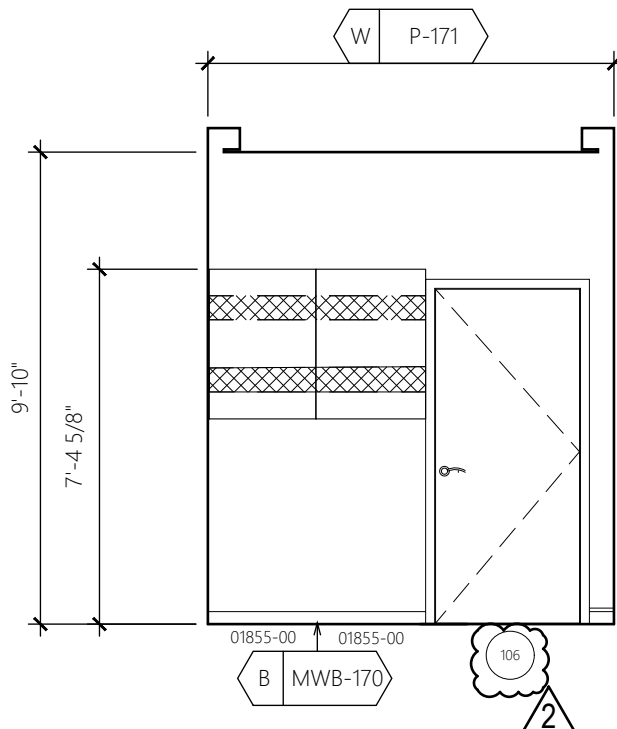
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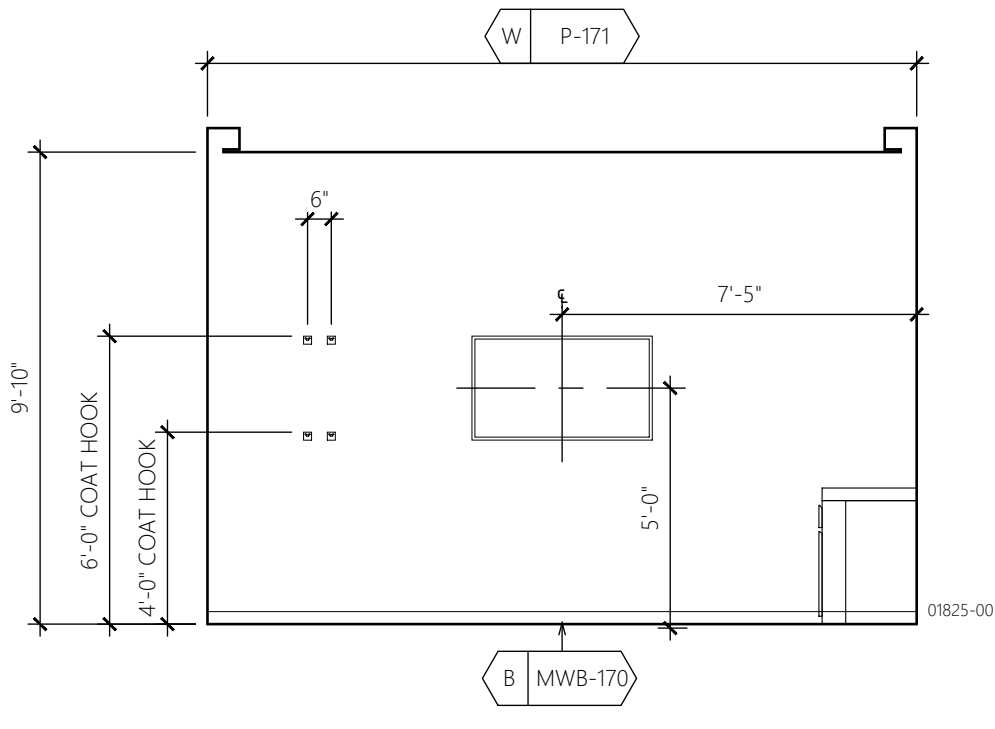
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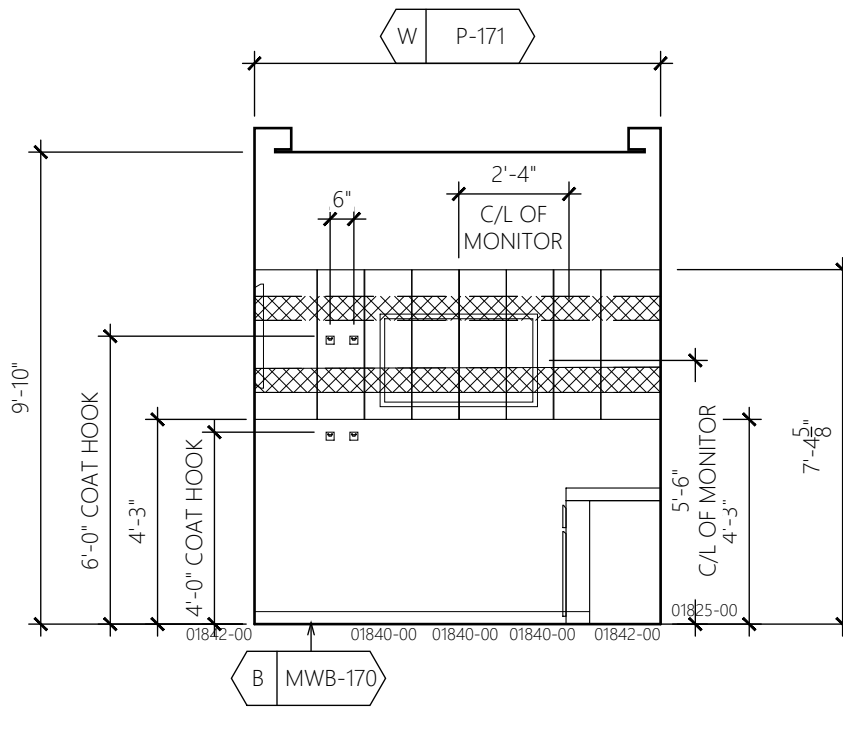
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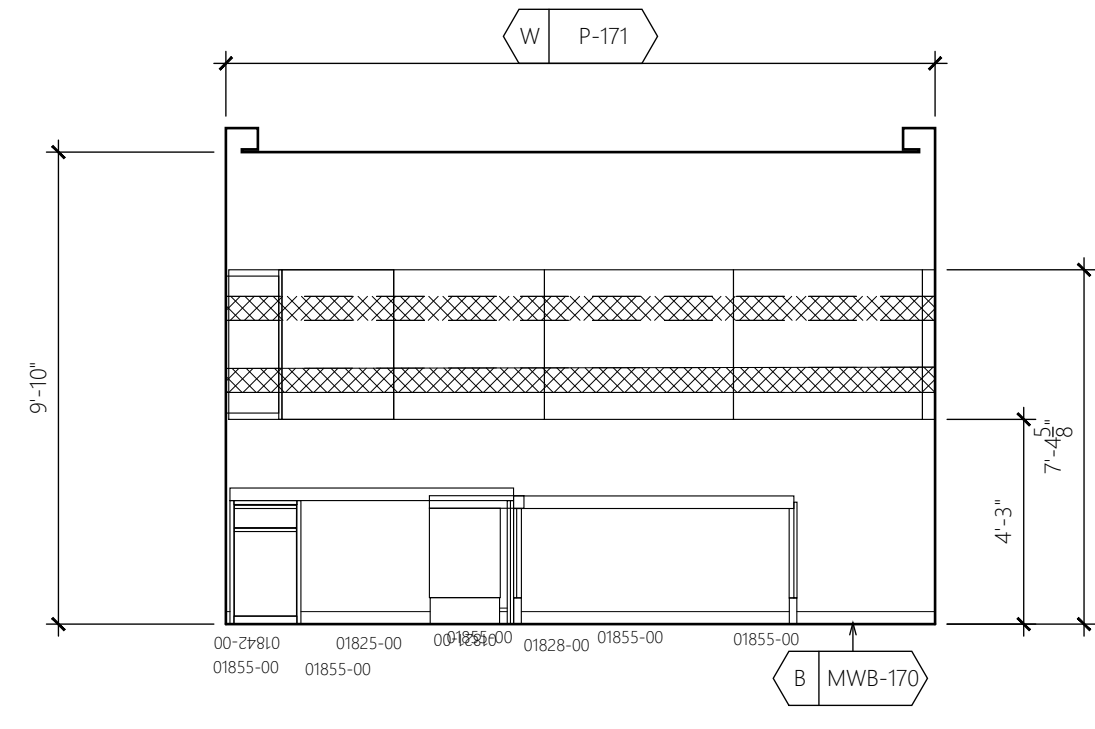
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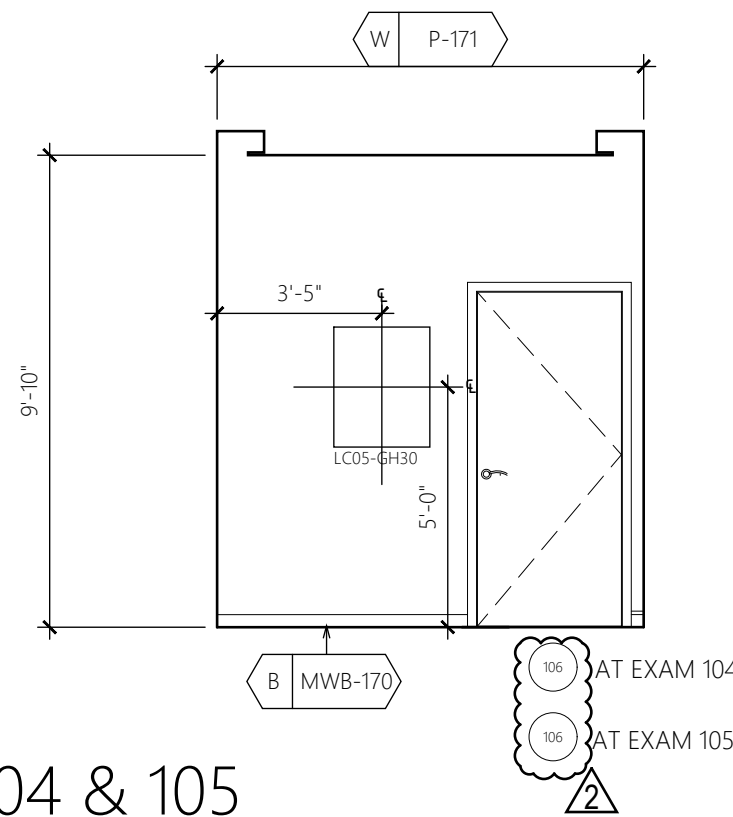
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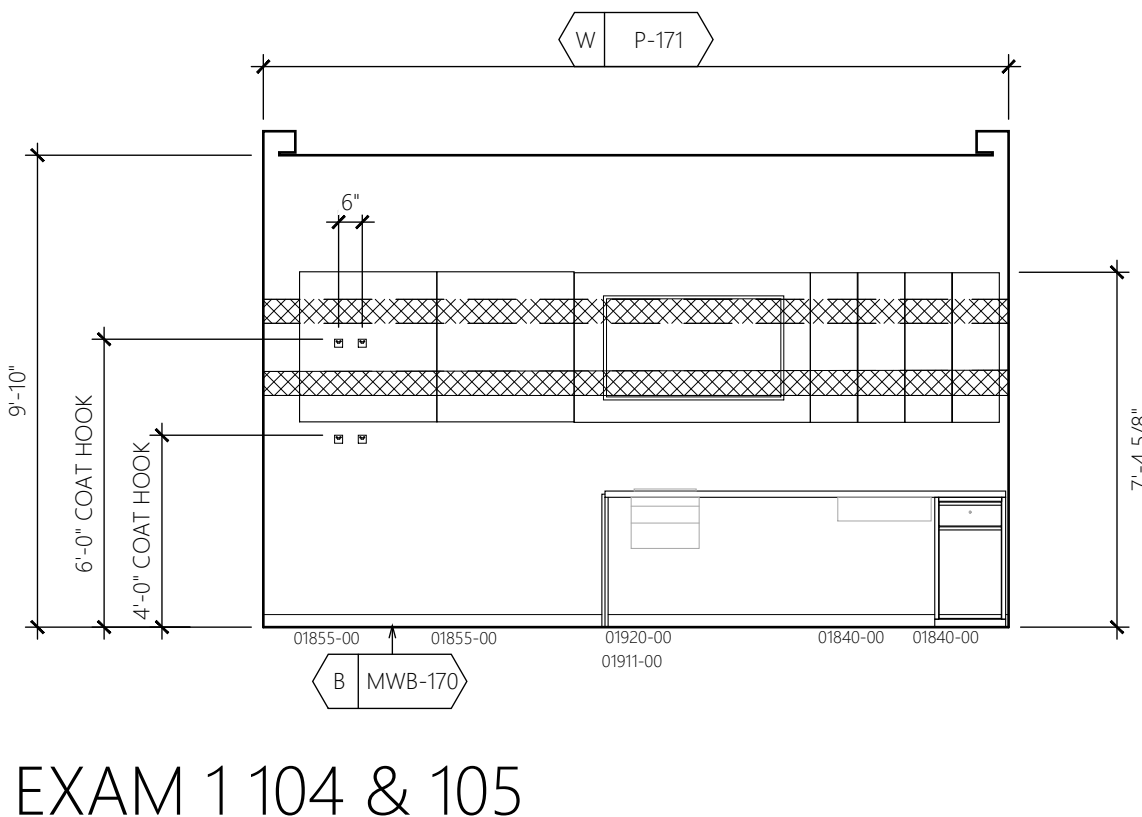
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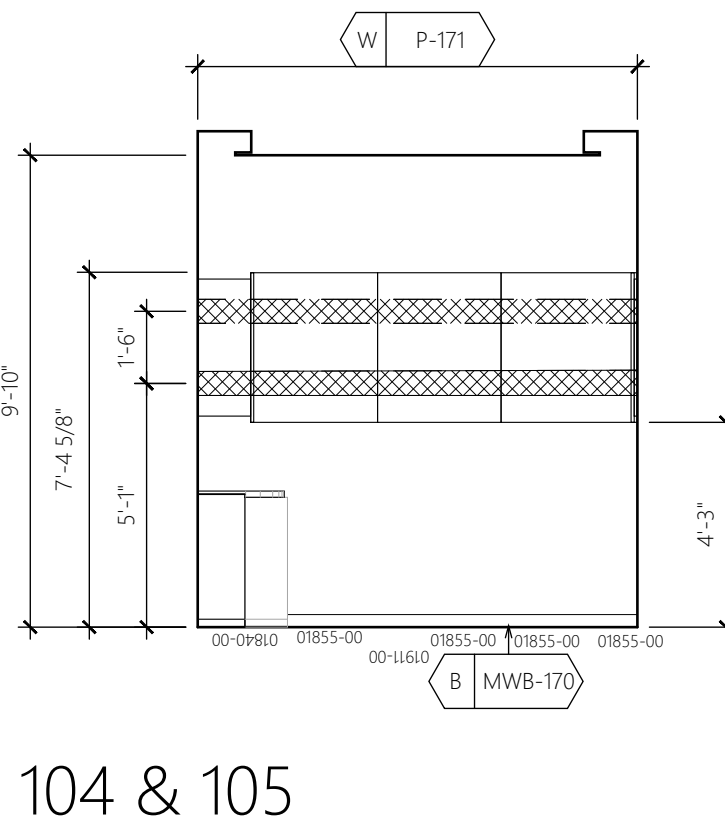
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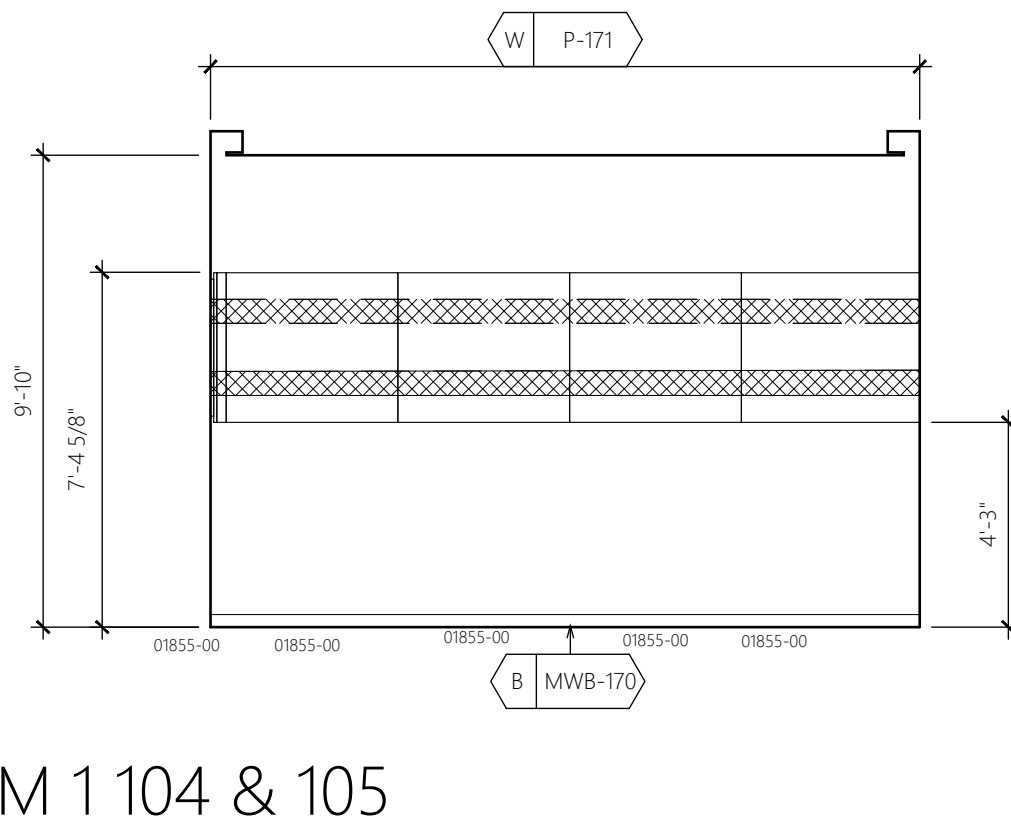
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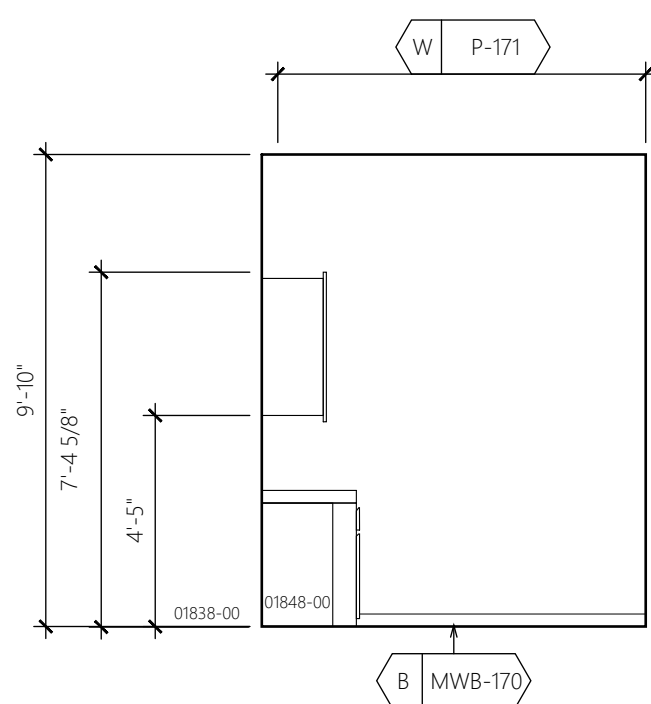
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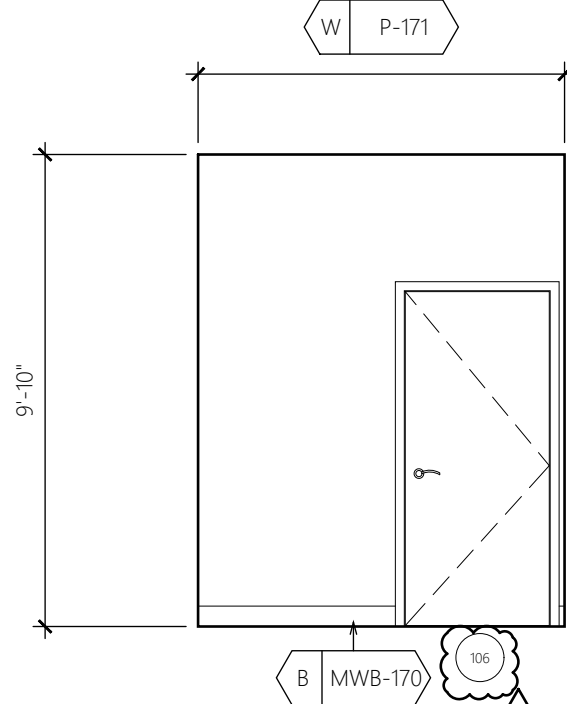
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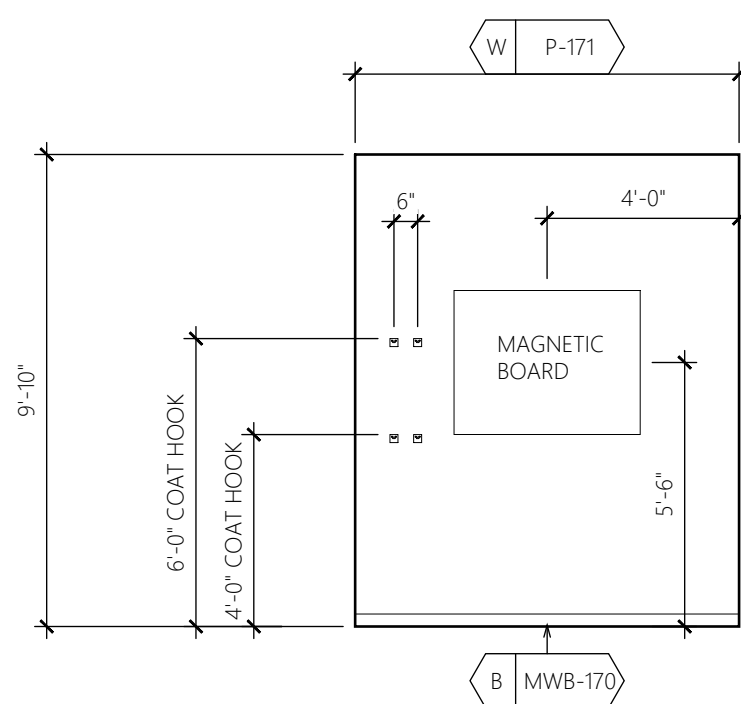
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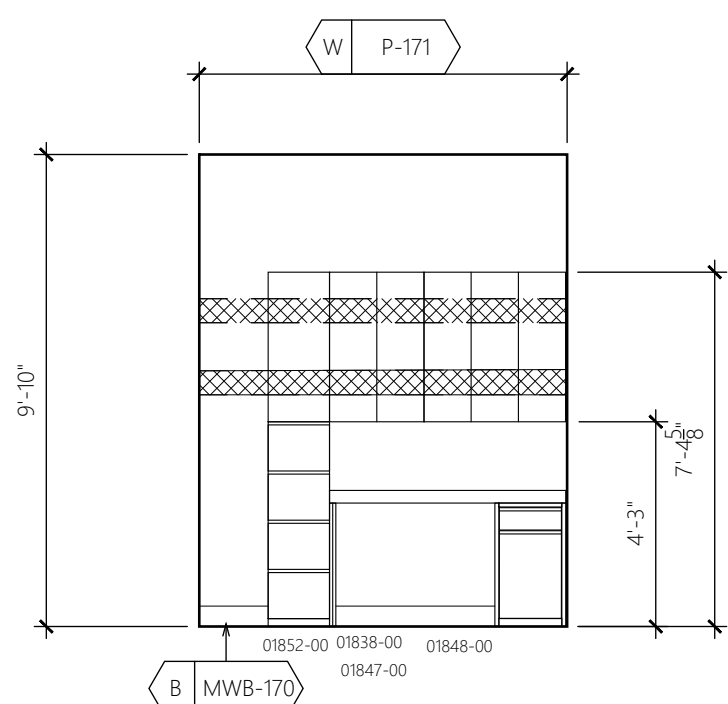
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14 OFFICE 107  
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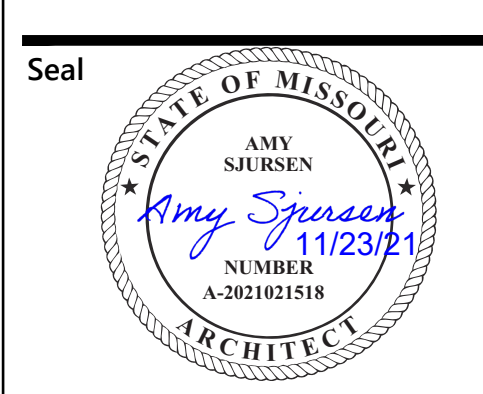
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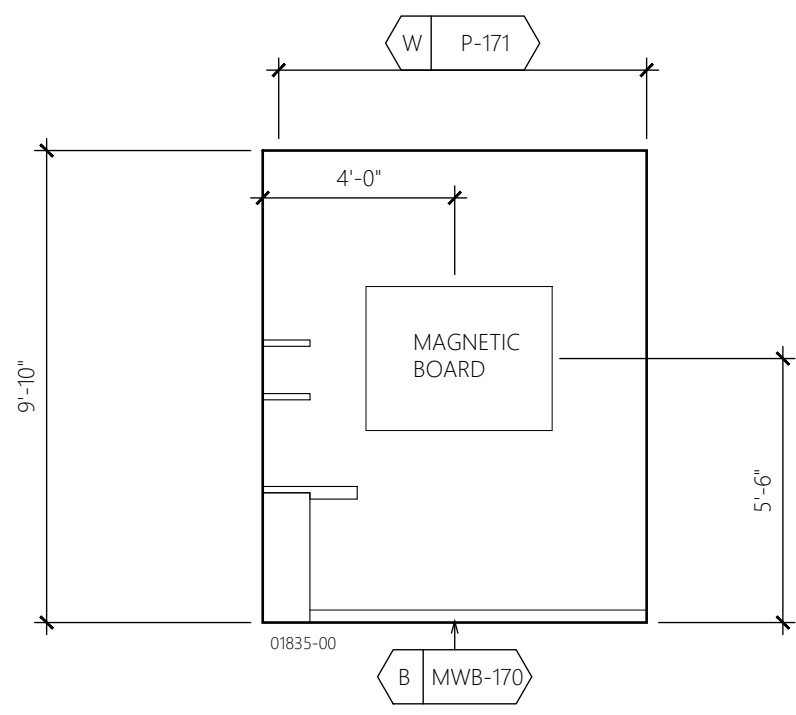
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	CITY COMMENTS	
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	OWNER REVISIONS	
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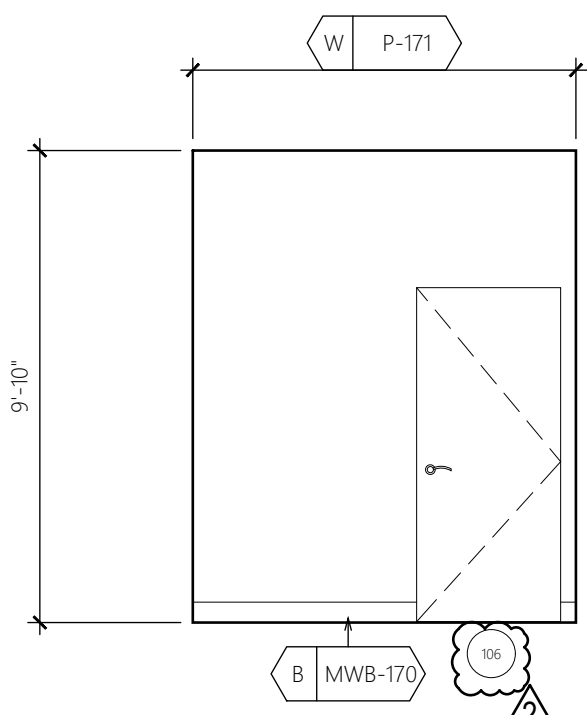
Architect of Record  
**JLL Architecture, LLC**  
200 East Randolph Drive  
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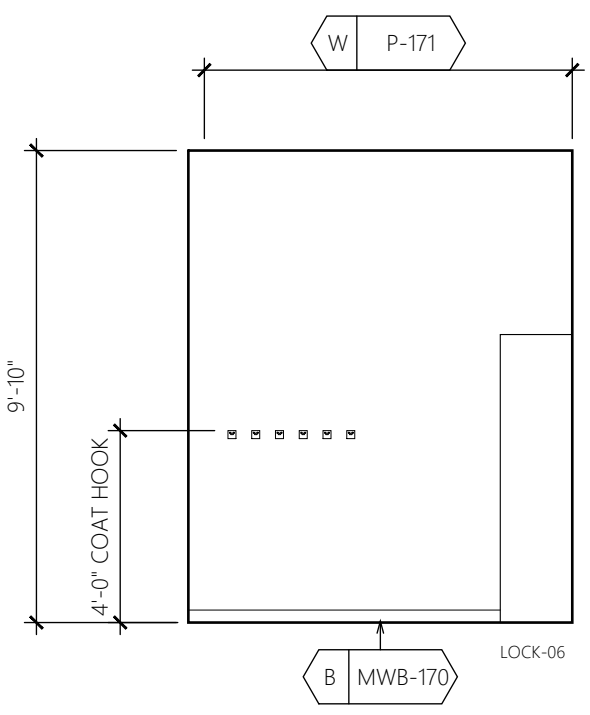
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Nextore Store Design Revision No.:	<b>REV 06</b>
Nextore project Number	84169
Brand Design Type:	LC06 AUGNORM
ISSUED FOR:	<input type="checkbox"/> Construction
Title	INTERIOR ELEVATIONS
Date	10/01/21
Drawn By	STAFF
Checked By	JHM
Sheet	A202



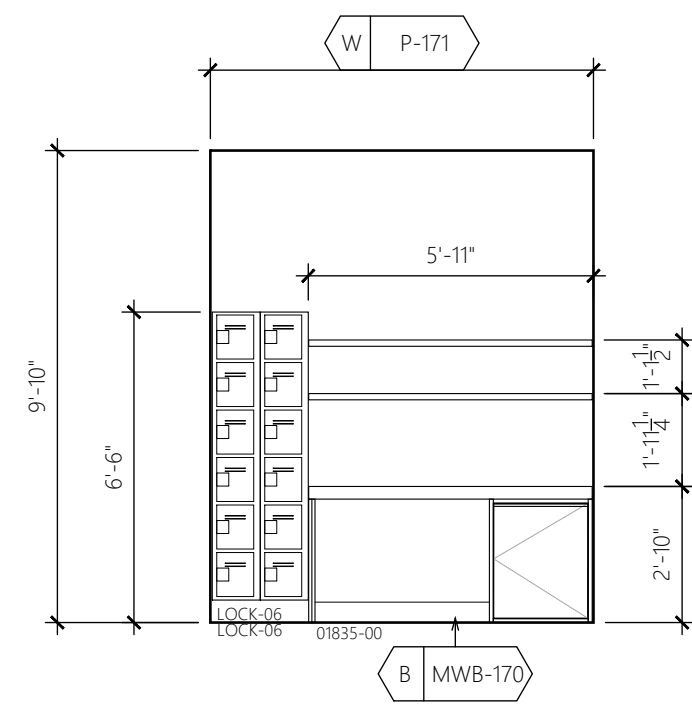
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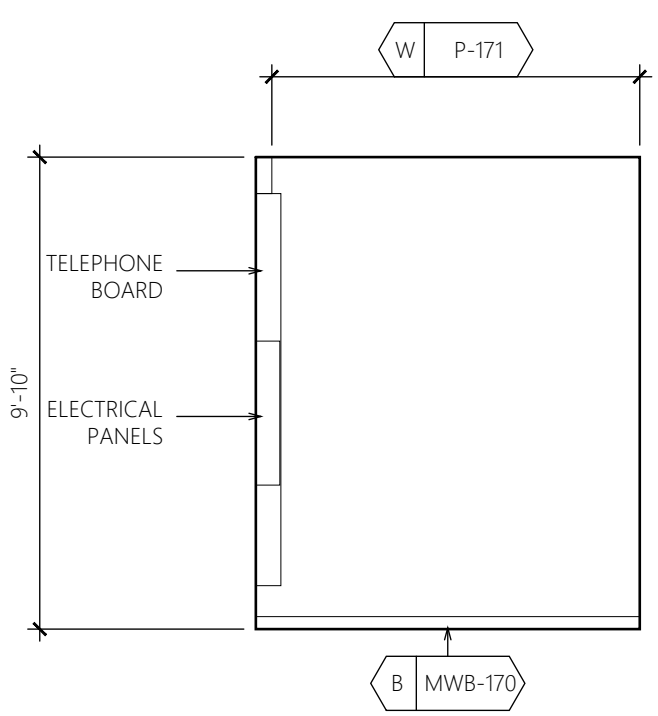
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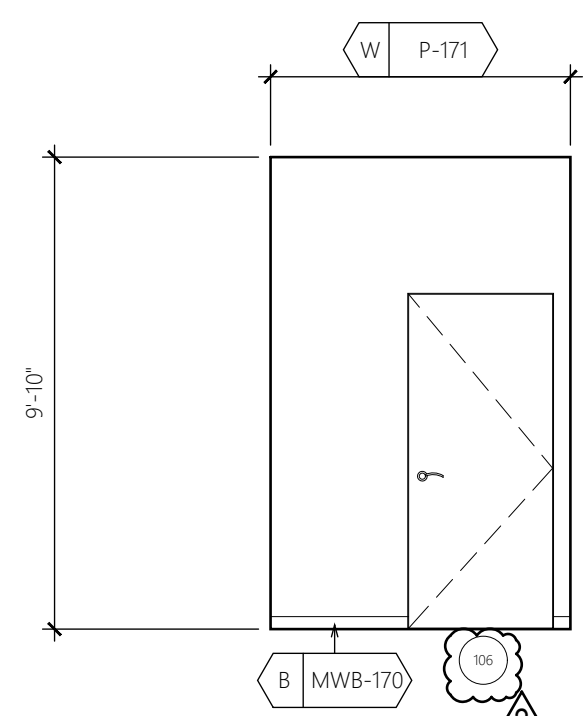
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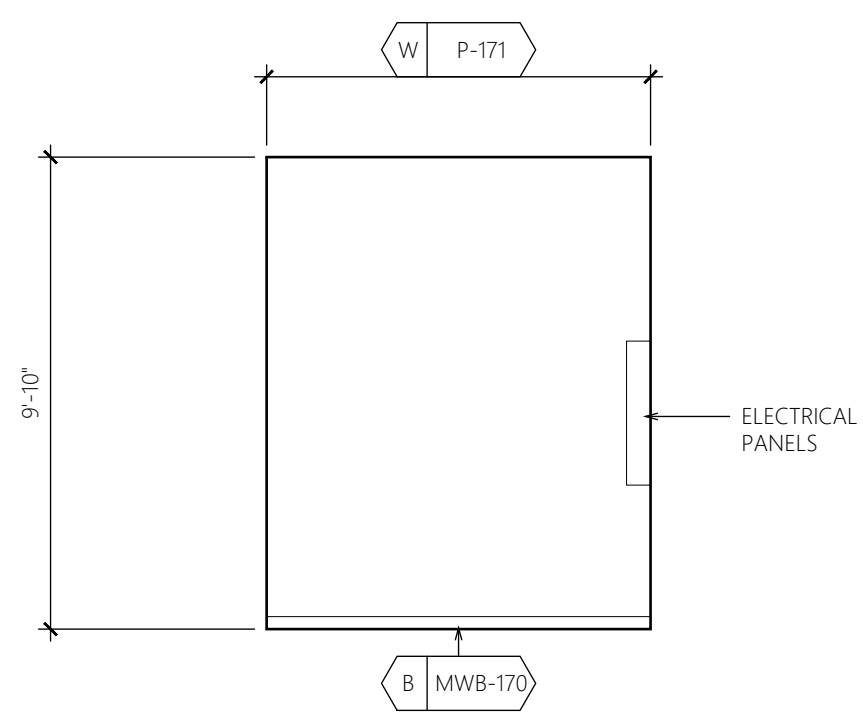
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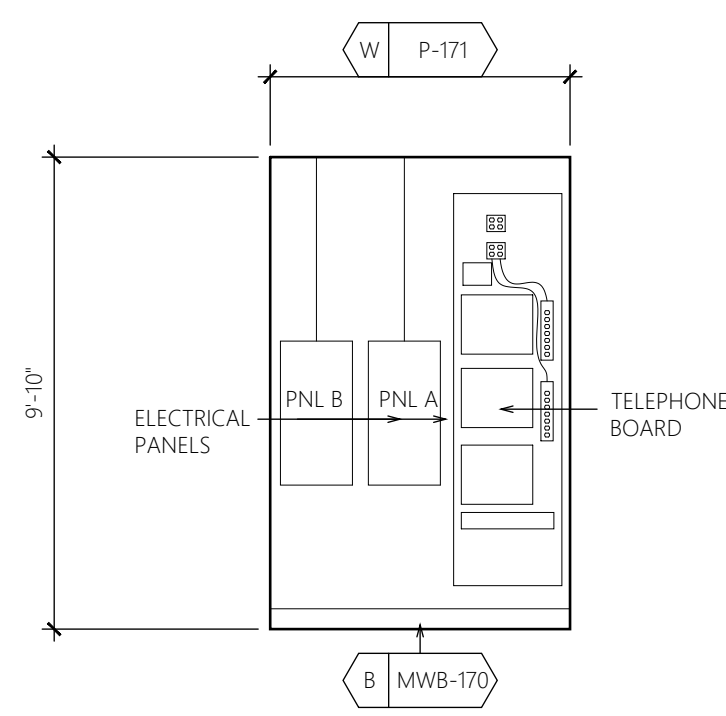
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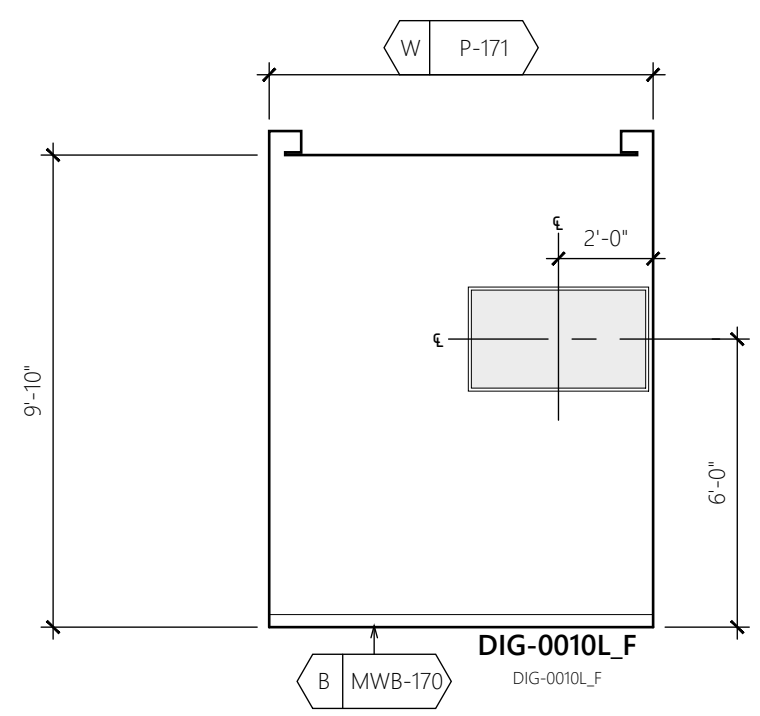
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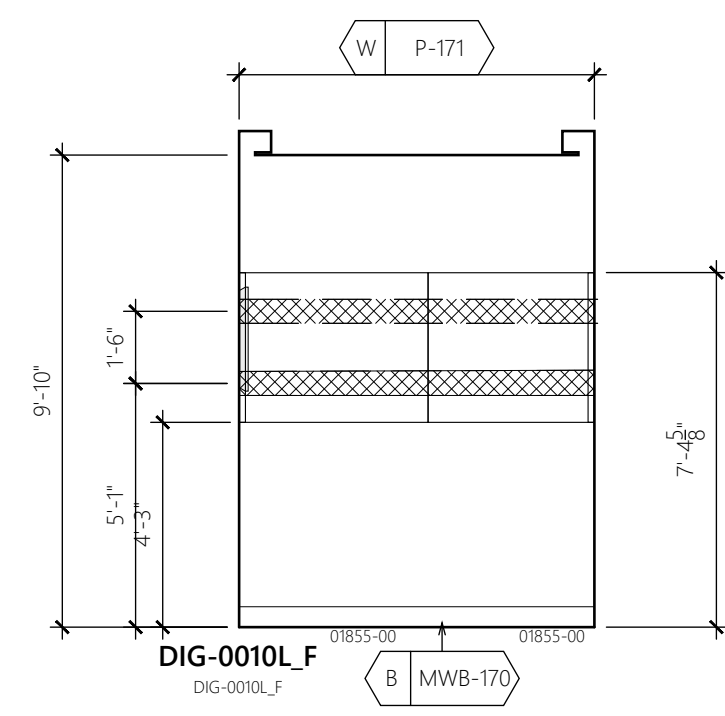
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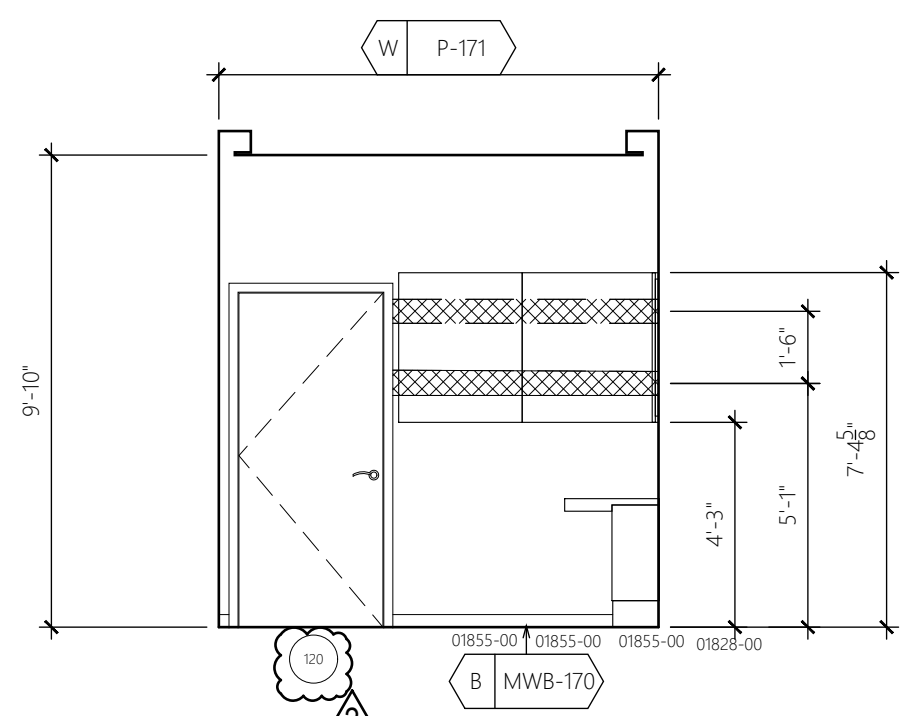
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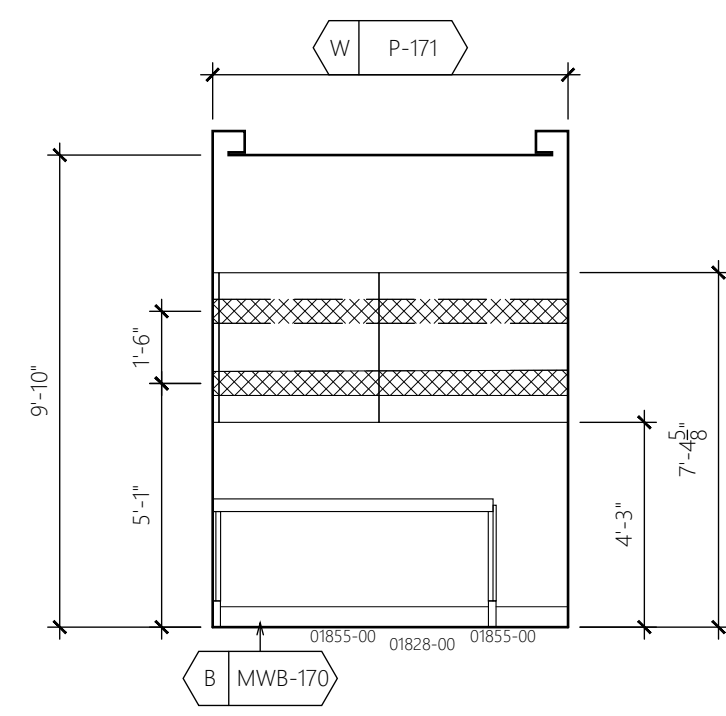
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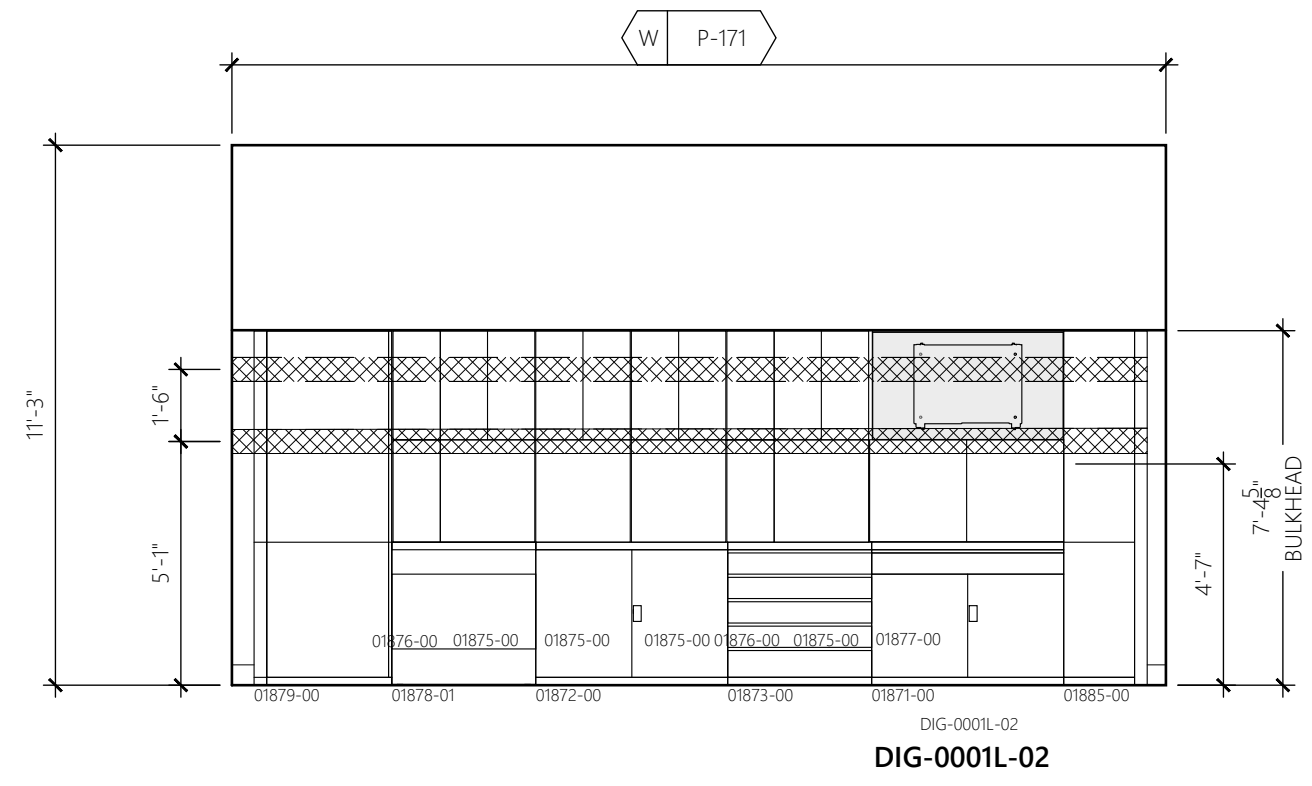
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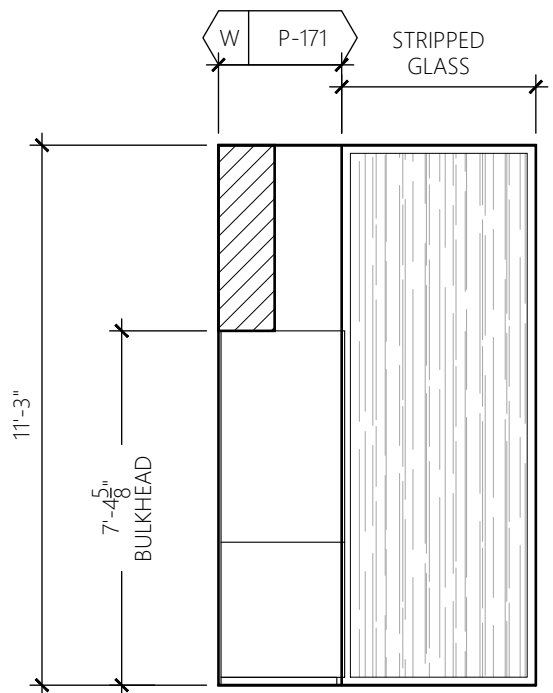
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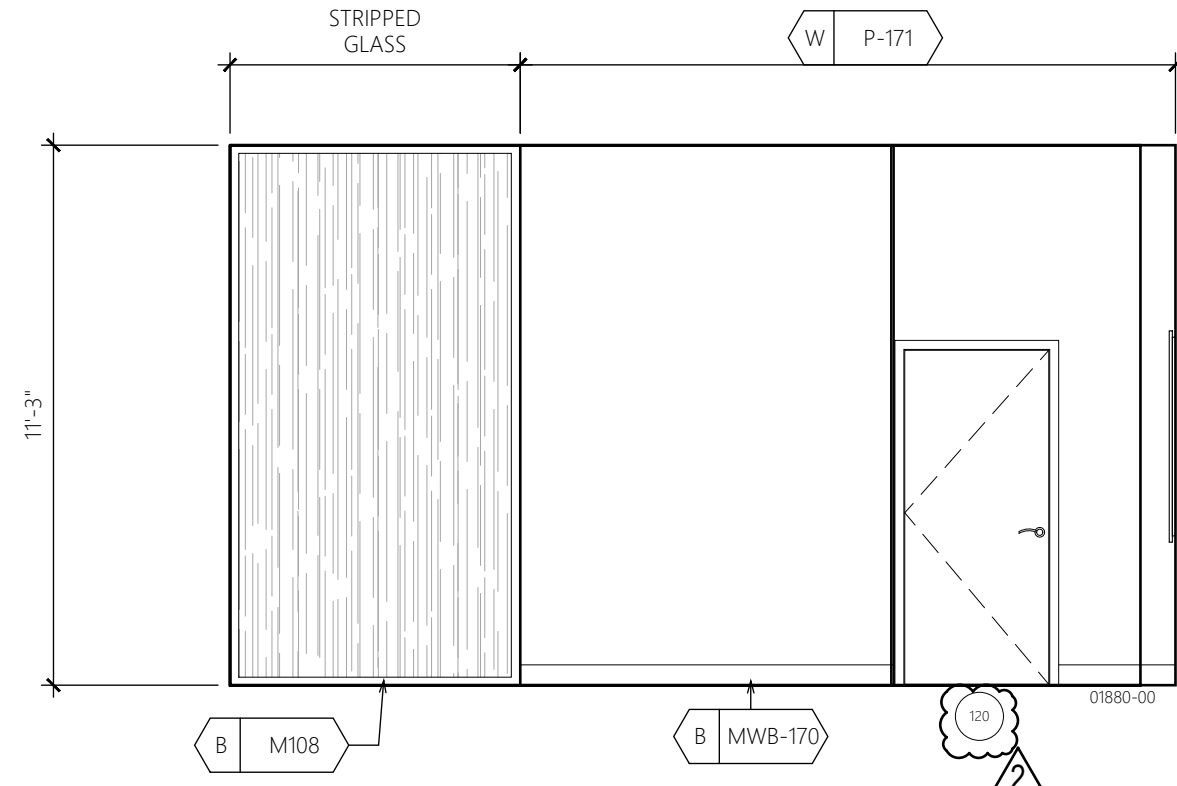
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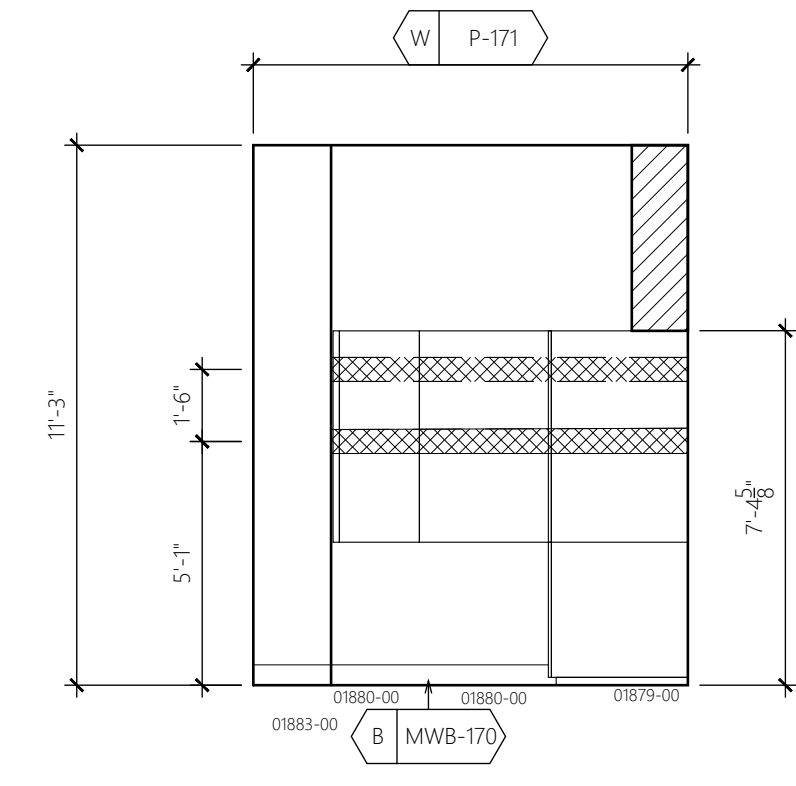
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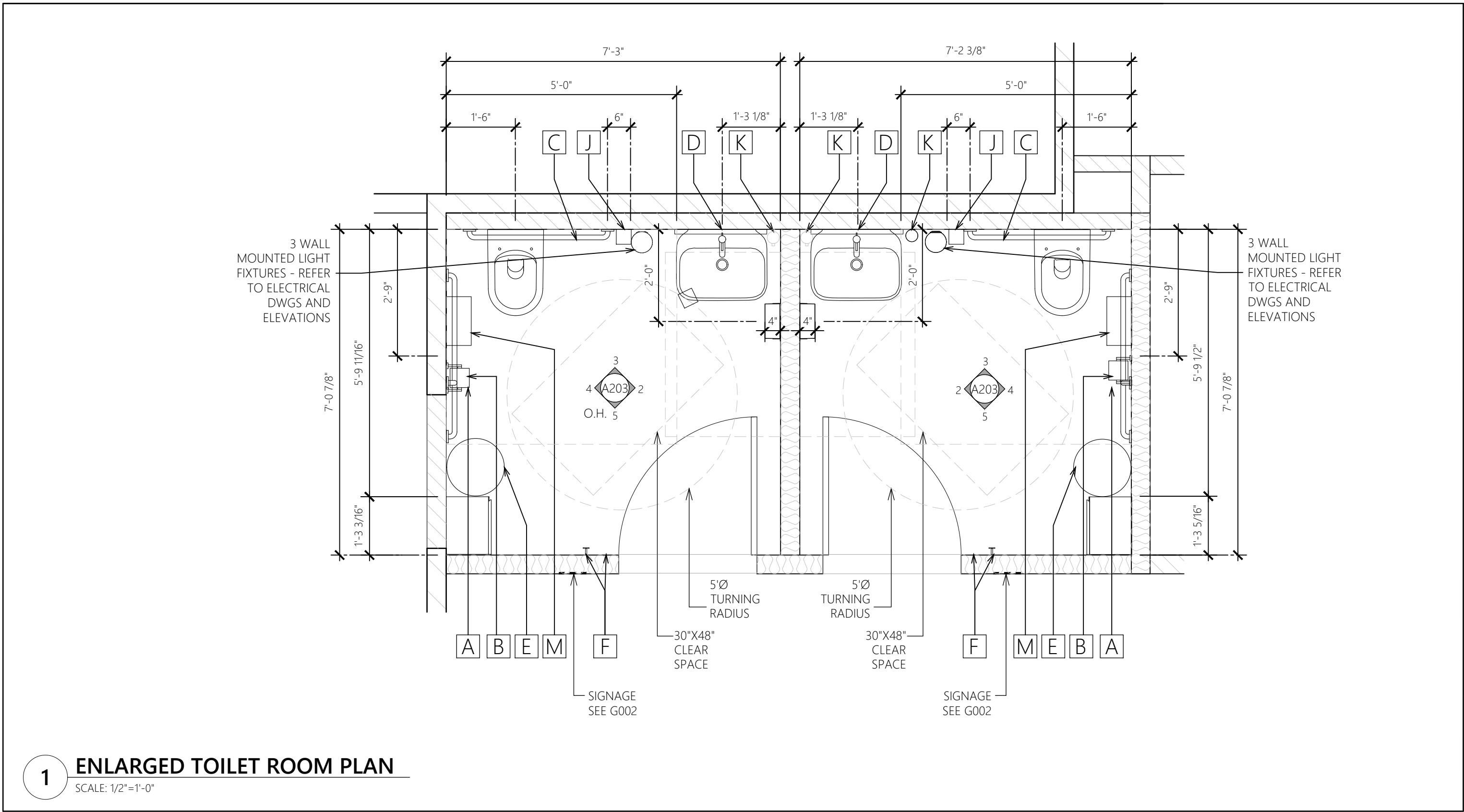
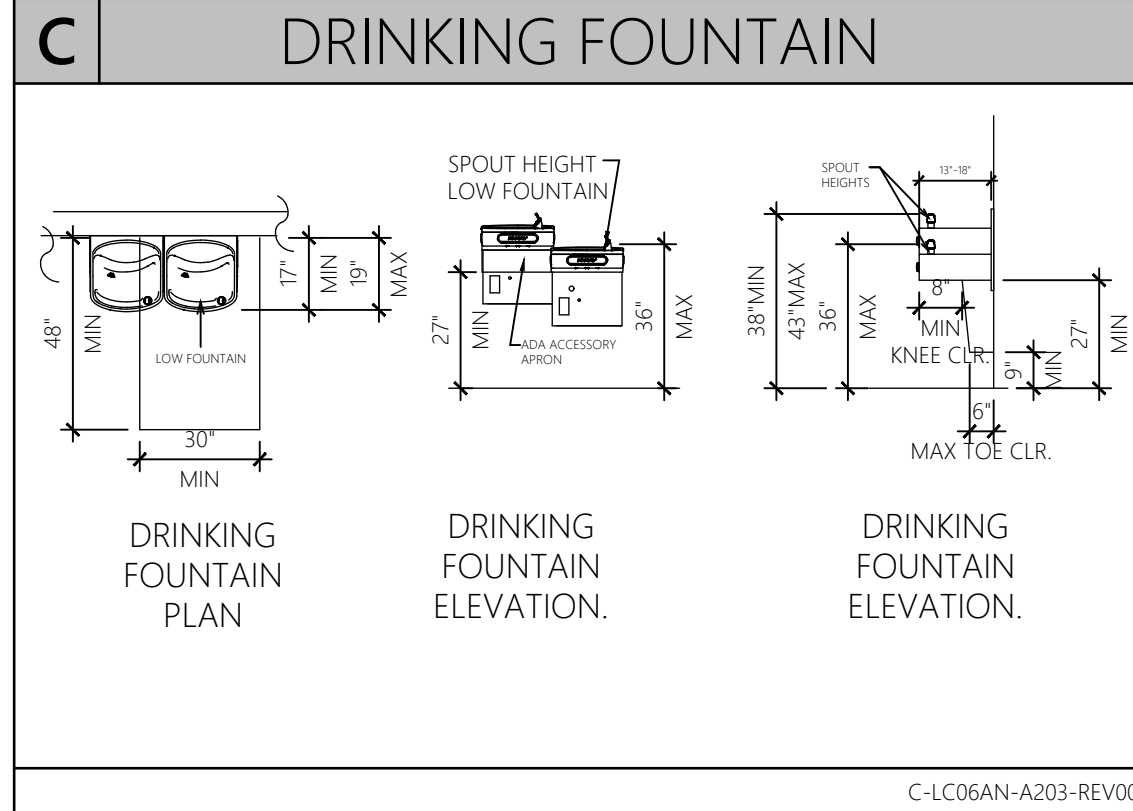
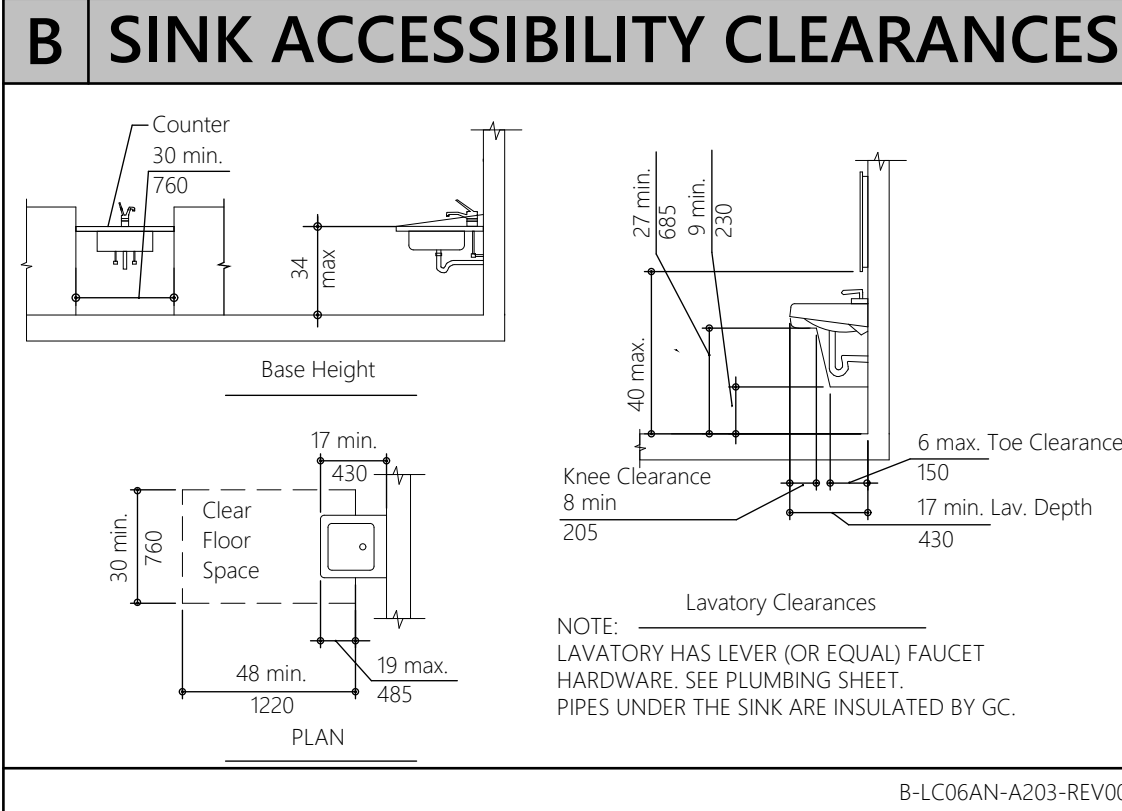
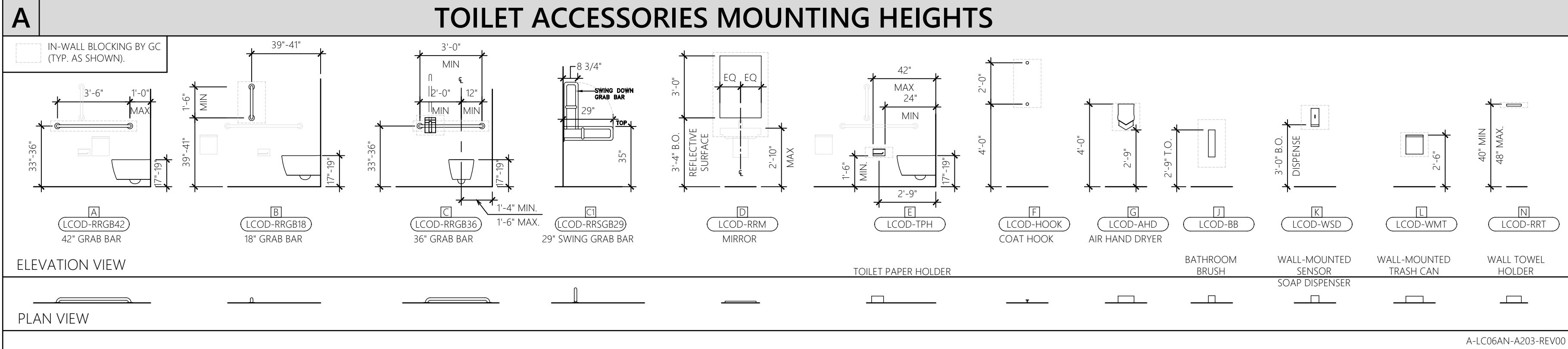
**14** LAB 113  
SCALE: 1/4" = 1'-0"



**15** LAB 113  
SCALE: 1/4" = 1'-0"



**16** LAB 113  
SCALE: 1/4" = 1'-0"

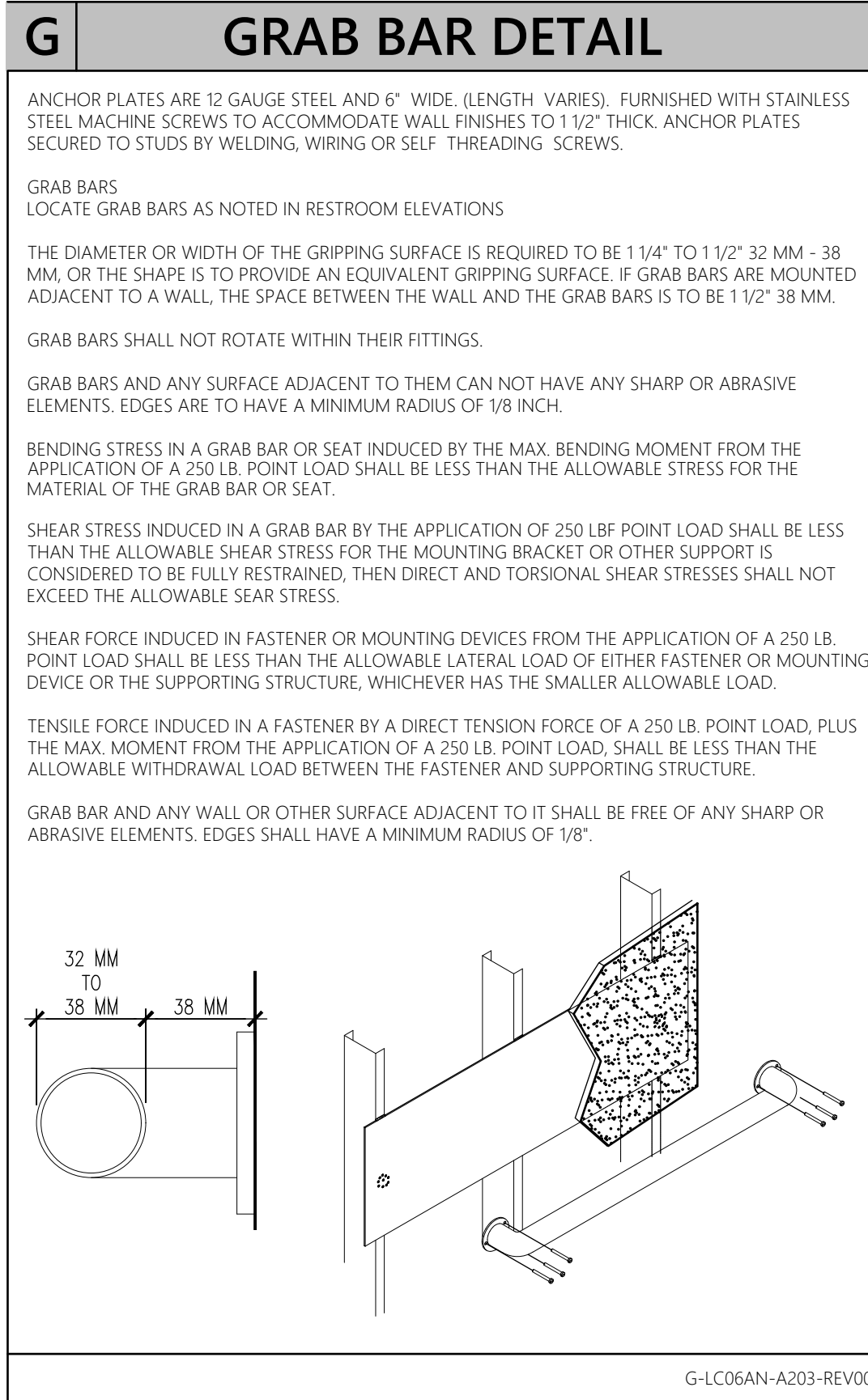
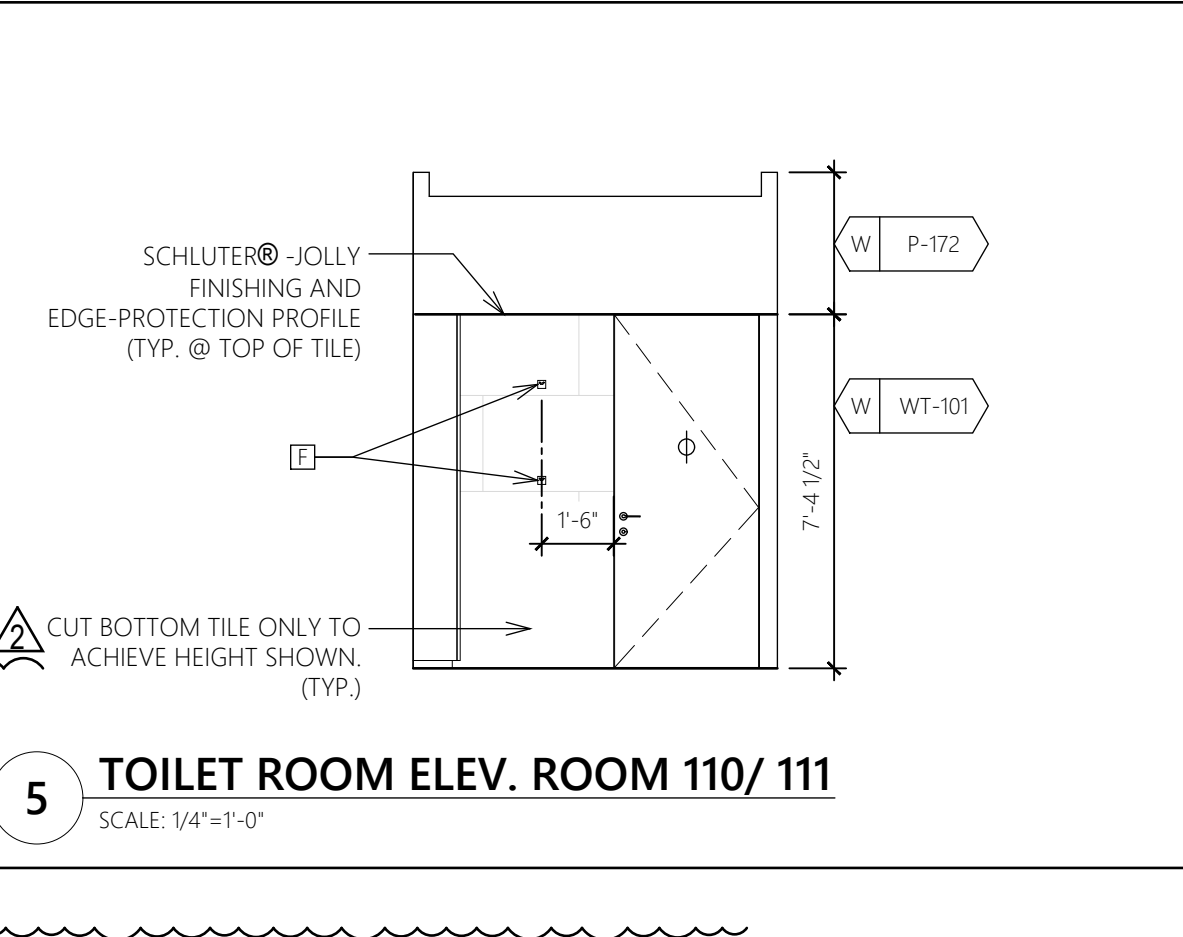
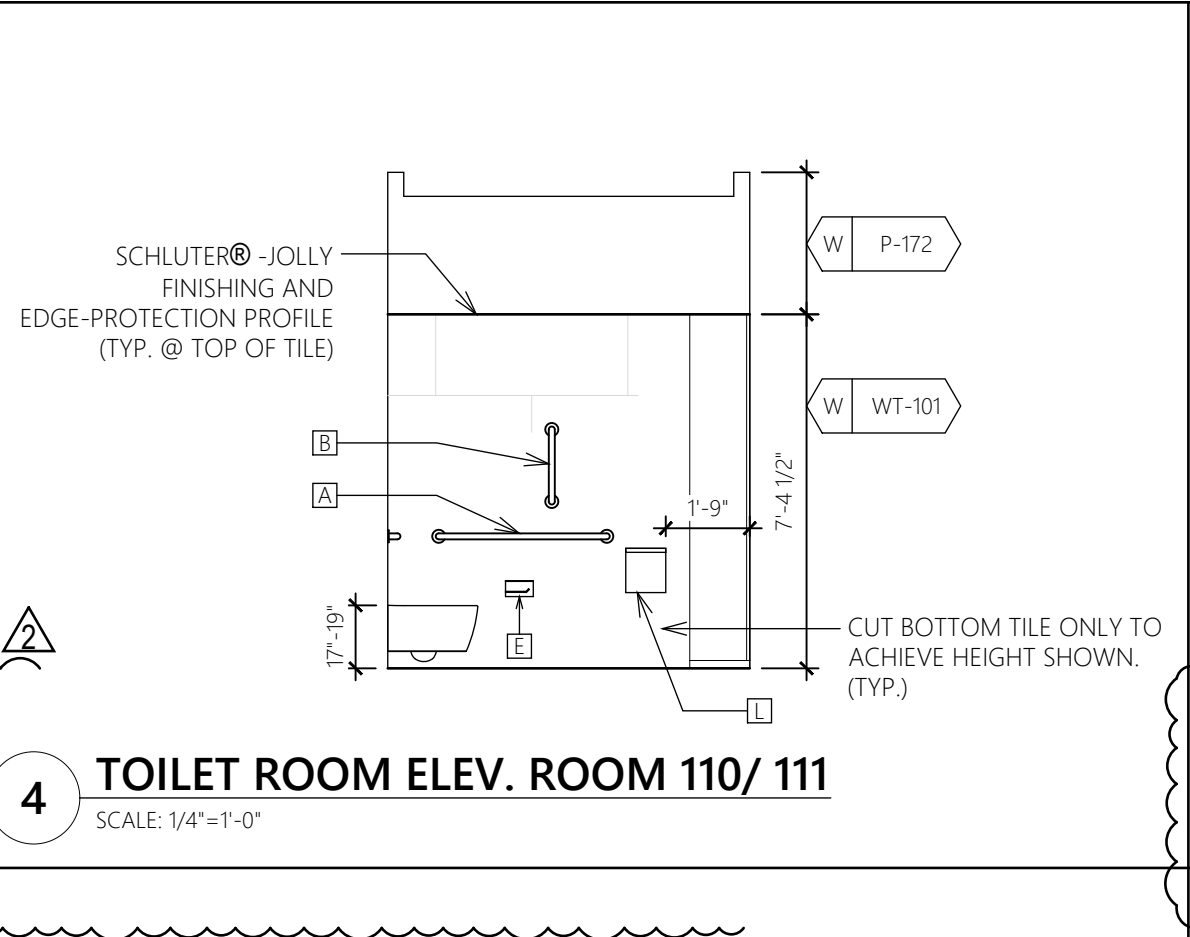
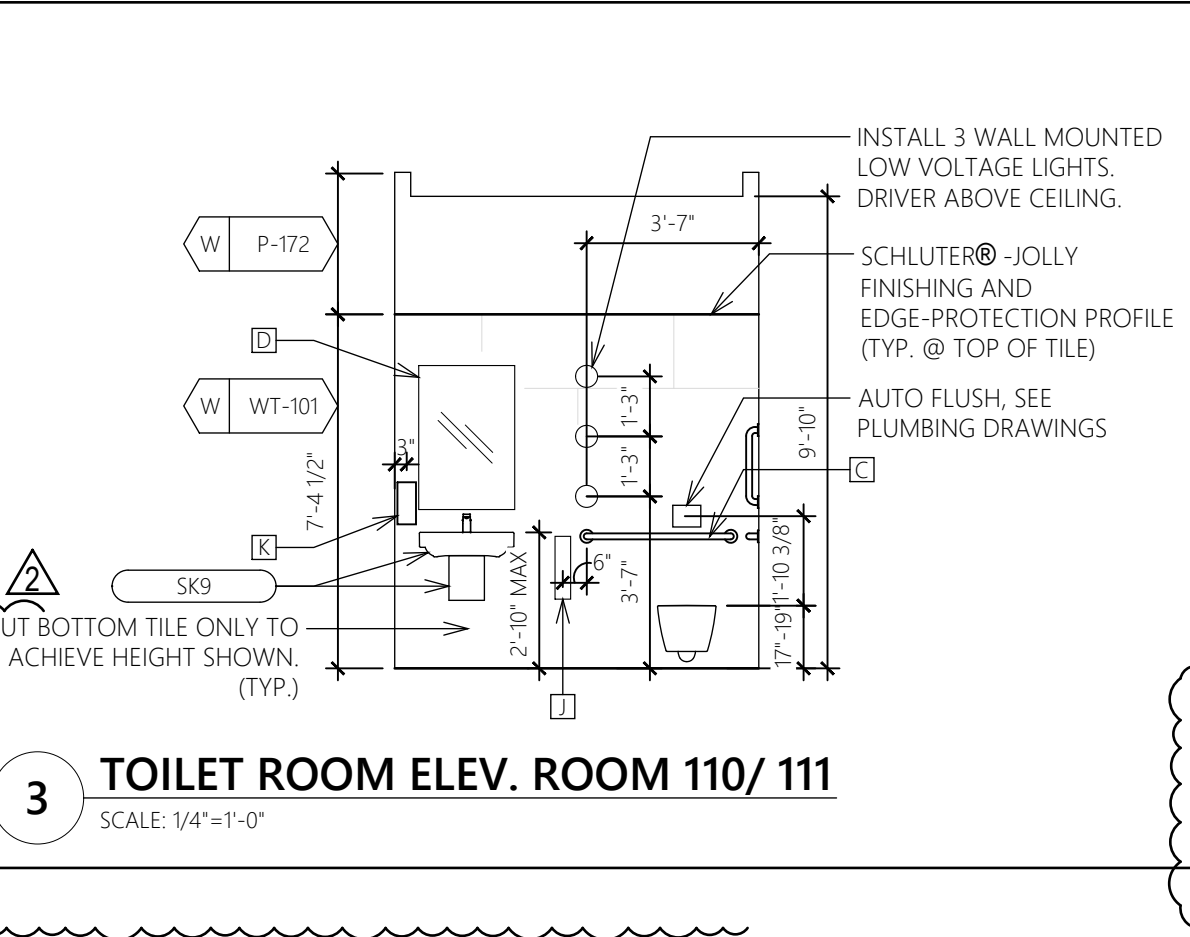
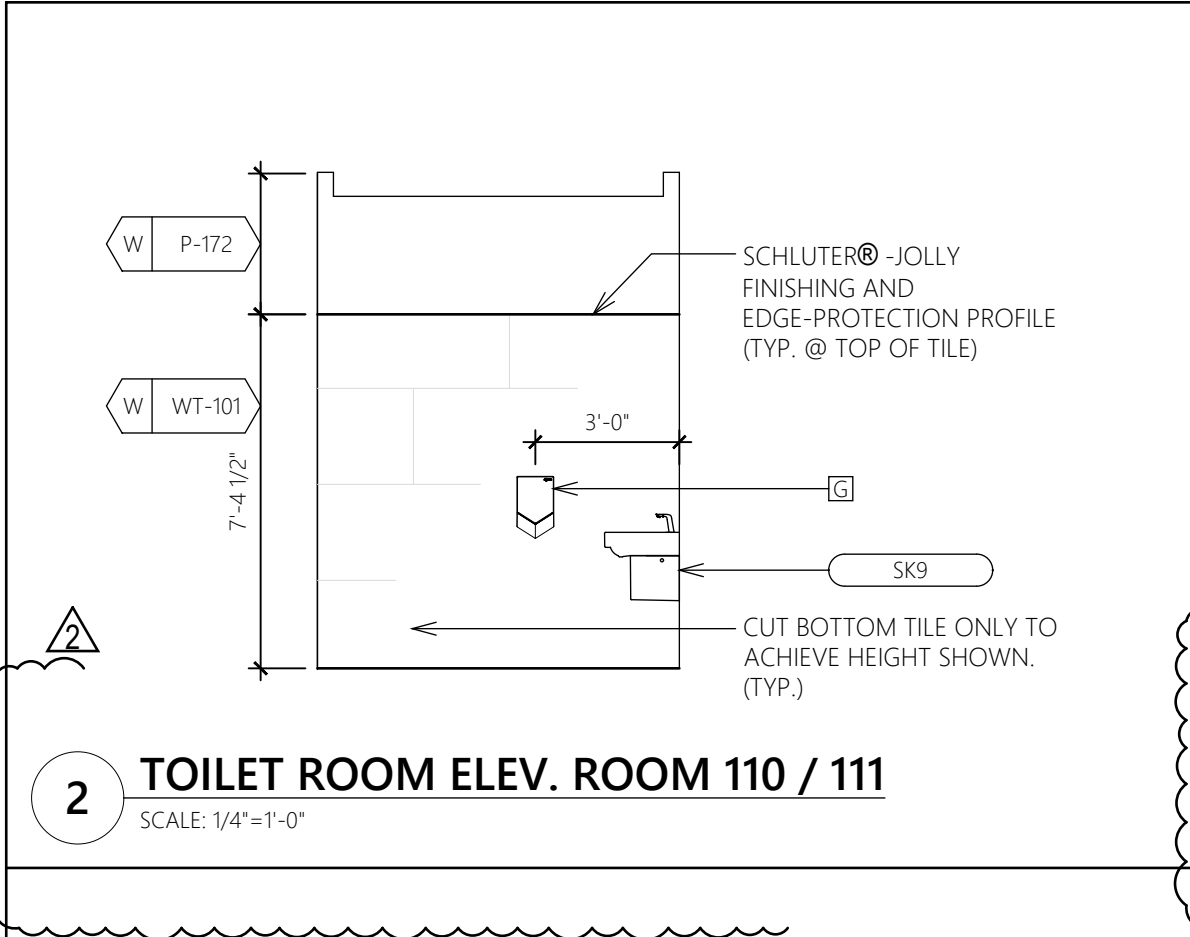
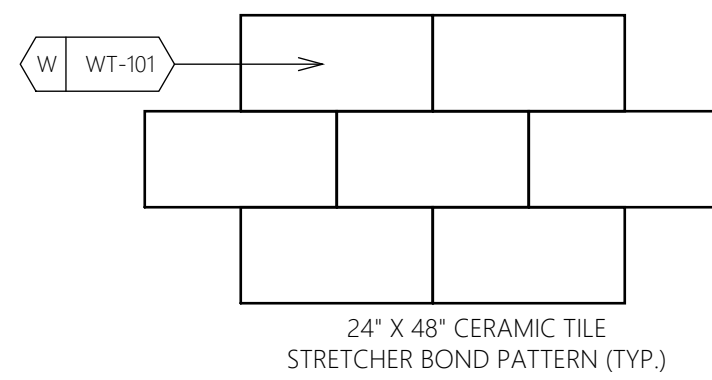


D TOILET ROOM ACCESSORY SCHEDULE						(#) = QUANTITY		SUPPLIED	RECEIVED	INSTALLED
@	CODE	ITEM	DESCRIPTION	ROOM	REMARKS					
A	LCOD-RRGB42	42" GRAB BAR	BOBRICK: B-5806X42.99 (PEENED)	RESTROOM (1)	• GC TO PROVIDE & INSTALL IN-WALL BLOCKING.			GC	GC	GC
B	LCOD-RRGB18	18" GRAB BAR	BOBRICK: B-5806X18.99 (PEENED)	RESTROOM (1)	• GC TO PROVIDE & INSTALL IN-WALL BLOCKING.			GC	GC	GC
C	LCOD-RRGB36	36" GRAB BAR	BOBRICK: B-5806X36.99 (PEENED)	RESTROOM (1)	• GC TO PROVIDE & INSTALL IN-WALL BLOCKING.			GC	GC	GC
C1	LCOD-RRSGB29	SWING DOWN GRAB BAR	BOBRICK: B-4998.99 (PEENED)	RESTROOM (1)	• GC TO PROVIDE & INSTALL IN-WALL BLOCKING.			GC	GC	GC
D	LCOD-RRM	WALL MIRROR	VENDOR: T.B.D. VENDOR PART #: T.B.D. FINISH: T.B.D.	RESTROOM (1)	• (1) PER RESTROOM • GC TO PROVIDE AND INSTALL IN-WALL BLOCKING			T	GC	GC
E	LCOD-TPH	TOILET PAPER HOLDER	VENDOR: DELTA ARTICLE #: 3042094; VENDOR PART #: 79956-SS FINISH: STAINLESS STEEL	RESTROOM (1)	• (1) PER RESTROOM • GC TO PROVIDE AND INSTALL IN-WALL BLOCKING			T	GC	GC
F	LCOD-HOOK	COAT HOOK ROUND WALL-MOUNTED HOOKS	VENDOR: NA ARTICLE #: 3042090; VENDOR PART #: 3524806 FINISH: SPRAYED NICKEL	RESTROOM (2)	• INSTALL (1) @ 48" A.F.F. & (1) @ 72" A.F.F. • ROUND HOOK ONLY (INSTALL WITHOUT PROVIDED BACKPLATE) • GC TO PROVIDE AND INSTALL IN-WALL BLOCKING			T	GC	GC
G	LCOD-AHD	AIR HAND DRYER	VENDOR: DYSON ARTICLE #: 3042088; VENDOR PART #: 307174-01 FINISH: SPRAYED NICKEL	RESTROOM (1)	• (1) PER RESTROOM • GC TO PROVIDE AND INSTALL IN-WALL BLOCKING			T	GC	GC
H	SK9	FAUCET	VENDOR: SLOAN VENDOR PART #: EBF-415-BAT-TEE-0.5GPM-MLM-IR-FCT FINISH: BRUSHED STAINLESS	RESTROOM (1)	• (1) PER SINK			GC	GC	GC
		SINK	VENDOR: DURAVIT VENDOR PART #: 2316600000 1 FAUCET HOLE FINISH: WHITE	RESTROOM (1)	• (1) PER RESTROOM • GC TO PROVIDE AND INSTALL IN-WALL BLOCKING			GC	GC	GC
J	LCOD-BB	BATHROOM BRUSH	VENDOR: NEMESIA ARTICLE #: 3042096; VENDOR PART #: LEN-NNE330313 FINISH: STAINLESS STEEL	RESTROOM (1)	• (1) PER RESTROOM			T	GC	GC
K	LCOD-WSD	WALL-MOUNTED SENSOR SOAP DISPENSER	VENDOR: BRADLEY ARTICLE #: 3042086; VENDOR PART #: 6A00-110000 FINISH: STAINLESS STEEL	RESTROOM (1)	• (1) PER RESTROOM • GC TO PROVIDE AND INSTALL IN-WALL BLOCKING			T	GC	GC
L	LCOD-WMT	WALL-MOUNTED TRASH CAN	VENDOR: BRADLEY ARTICLE #: 3041932; VENDOR PART #: 4A10-11 FINISH: STAINLESS STEEL	RESTROOM (1)	• (1) PER RESTROOM • GC TO PROVIDE AND INSTALL IN-WALL BLOCKING			T	GC	GC
M	LCOD-RRS	STOOL	TRUEDESIGN MODEL: TD1000	RESTROOM (1)	• (1) PER RESTROOM			T	GC	GC
N	LCOD-RRT	WALL TOWEL HOLDER	VENDOR: INDA SERIES: INDISSIMA MODEL: A88510; BRUSHED STAINLESS STEEL	RESTROOM (1)	• (1) PER RESTROOM • GC TO PROVIDE AND INSTALL IN-WALL BLOCKING			T	GC	GC

D-LC06AN-A203-REV00

- E KEY NOTES**
- EXISTING TILE FLOOR (ITF-601) INSTALLED BY LANDLORD PER TENANT DESIGN.
  - EXISTING WALL TILE FINISH (WT-100) INSTALLED BY LANDLORD ON ALL WALLS PER TENANT DESIGN.
  - TOILET ROOM SIDE OF EXISTING DOOR PAINTED (P-172) BY LANDLORD PER TENANT DESIGN.
  - EXISTING WALL MOUNT, CONCEALED TANK WATER CLOSET INSTALLED BY LANDLORD PER TENANT DESIGN.
  - EXISTING LAVATORY INSTALLED BY LANDLORD PER TENANT DESIGN.
  - EXISTING 42" GRAB BAR INSTALLED BY LANDLORD AS INDICATED PER TENANT DESIGN.
  - EXISTING 36" GRAB BAR INSTALLED BY LANDLORD AS INDICATED PER TENANT DESIGN.
  - EXISTING 18" VERTICAL GRAB BAR INSTALLED BY LANDLORD AS INDICATED PER TENANT DESIGN.
  - EXISTING MIRROR ABOVE LAVATORY BY LANDLORD PER TENANT DESIGN.
  - EXISTING TOILET TISSUE DISPENSER INSTALLED BY LANDLORD AS INDICATED PER TENANT DESIGN.
  - EXISTING ELECTRICAL HAND DRYER INSTALLED BY LANDLORD AS INDICATED PER TENANT DESIGN.
  - EXISTING COAT HOOKS INSTALLED ON THE TOILET ROOM DOOR BY LANDLORD AT 4'-0" PER TENANT DESIGN.
  - EXISTING WALL MOUNTED TRASH CONTAINER INSTALLED BY LANDLORD PER TENANT DESIGN.
  - EXISTING WALL MOUNTED SOAP DISPENSER INSTALLED BY LANDLORD PER TENANT DESIGN.
  - TENANT G.C. TO INSTALL NEW DRINKING FOUNTAIN IN THE BACK OF HOUSE AREA CORRIDOR AS INDICATED.
  - TENANT G.C. TO INSTALL NEW WALL MOUNTED LIGHT FIXTURE AS INDICATED.

- F GENERAL NOTES**
- ANY EXPOSED PLUMBING SHALL BE WRAPPED W/ HANDICAPPED APPROVED WHITE VINYL DRAIN COVERS SUPPLIED AND INSTALLED BY G.C.
  - PROVIDE NON-COMBUSTIBLE FRIT IN WALL BLOCKING, IN ALL LOCATIONS OF EQUIPMENT AND ACCESSORIES REQUIRED TO BE WALL MOUNTED.
  - REFER TO ACCESSIBLE ACCESSORY INSTALLATION DIAGRAMS THIS PAGE FOR ALL TOILET ROOM ACCESSORY INSTALLATION.
  - G.C. TO PROVIDE SILICONE SEALANT JOINT AROUND ALL RESTROOM FIXTURES.



Construction for:

**LENSCRAFTERS**  
A Subsidiary of the Luxottica Group  
4000 Luxottica Place Mason, Ohio 45040

Revisions:

Mark	Date	By
△	10/01/21	SL469
△	CITY COMMENTS	
△	10/29/21	STAFF
△	OWNER REVISIONS	
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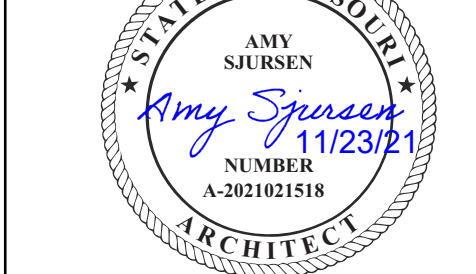
Architect of Record

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Chicago, IL 60601

51 W. 3rd Street, # 201  
Tempe, AZ 85281  
tel +1 480 626 6304  
fax +1 480 401 3602

Seal



Architect Job No.:

LUX-305

Nextore Store Design Revision No.:

**REV 06**

Nextore project Number

84169

Brand Design Type:

LC06 AUGNORM

ISSUED FOR:

Construction

Title  
**TOILET ROOM  
PLAN, ELEVATIONS  
DETAILS**

Date

10/01/21

Drawn By

STAFF

Checked By

JHM

Sheet

A203

Construction for:

LENSCRAFTERS  
A Subsidiary of the Luxottica Group  
4000 Luxottica Place Mason, Ohio 45040

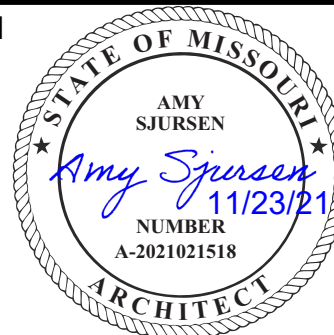
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△	CITY COMMENTS	
△	10/29/21	STAFF
△	OWNER REVISIONS	
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fax +1 480 401 3602

Seal



Architect Job No.:

LUX-305

Nextore Store Design Revision No.:

REV 06

Nextore project  
Number 84169

Brand Design Type:  
LC06 AUGNORM

ISSUED FOR:  
☐ Construction

Title  
STOREFRONT  
ELEVATION AND  
DETAILS

Date

10/01/21

Drawn By

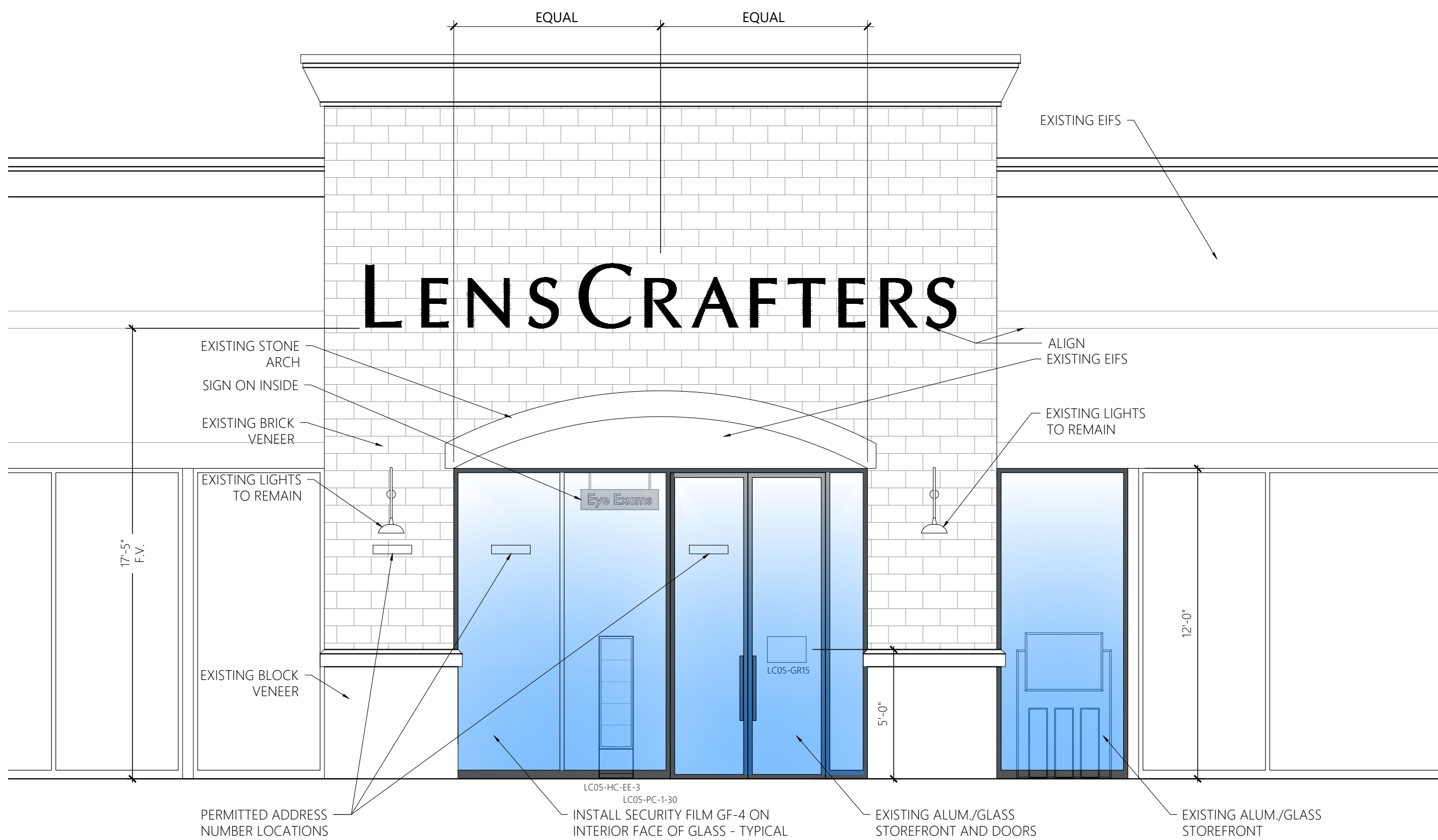
STAFF

Checked By

JHM

Sheet

A300



1 EXISTING STOREFRONT ELEVATION

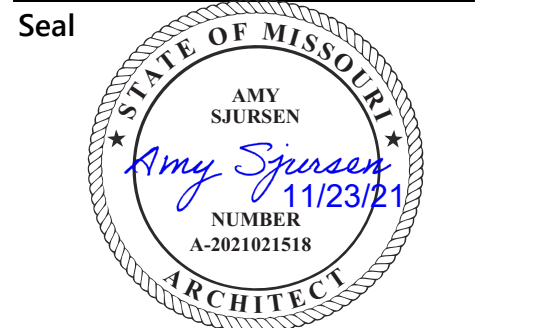
SCALE: 1/4" = 1'-0"

2018 IFC 505.1- ADDRESS NUMBERS, NEW AND EXISTING BUILDINGS SHALL HAVE APPROVED ADDRESS NUMBERS, BUILDING NUMBERS OR APPROVED BUILDING IDENTIFICATION PLACED IN A POSITION THAT IS PLAINLY LEGIBLE AND VISIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY. THESE NUMBERS SHALL CONTRAST WITH THEIR BACKGROUND. IN MULTI-TENANT COMMERCIAL BUILDING WHERE TENANTS HAVE MULTIPLE ENTRANCES LOCATED ON DIFFERENT SIDES OF THE BUILDING , EACH DOOR SHALL BE ADDRESSED. ADDRESS NUMBERS SHALL BE ARABIC NUMERALS OR ALPHABET LETTERS. NUMBERS SHALL BE A MINIMUM OF 4 INCHES (102 MM) HIGH WITH A MINIMUM STROKE WIDTH OF 0.5 INCH (12.7 MM). VERIFIED AT INSPECTION.

Revisions:

Mark	Date	By
△		
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Architect of Record  
**JLL Architecture, LLC**  
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Chicago, IL 60601  
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Architect Job No.:  
LUX-305

Nextore Store Design Revision No.:

REV 06

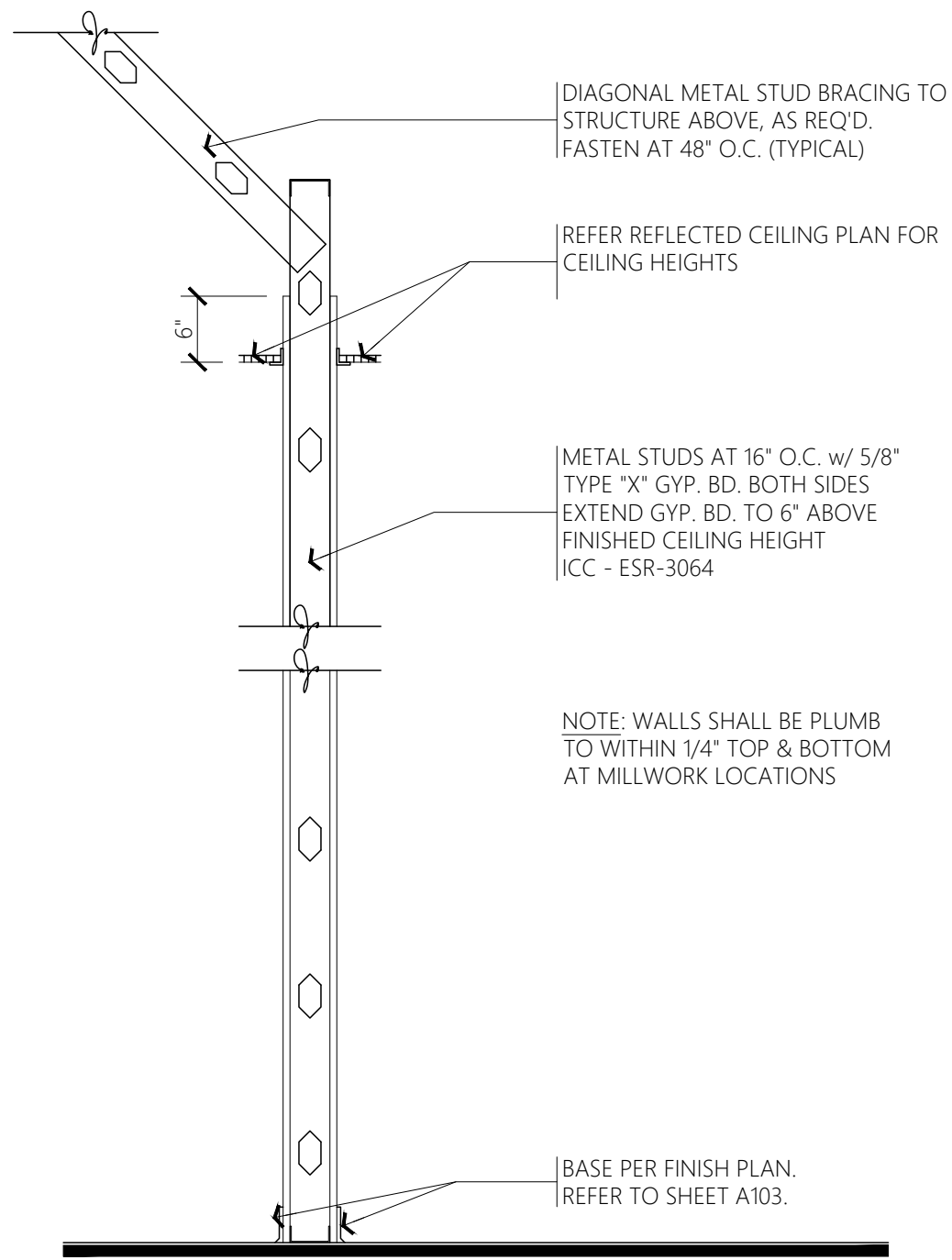
Nextore project Number 84169  
Brand Design Type:  
LC06 AUGNORM

ISSUED FOR:  
☐ Construction

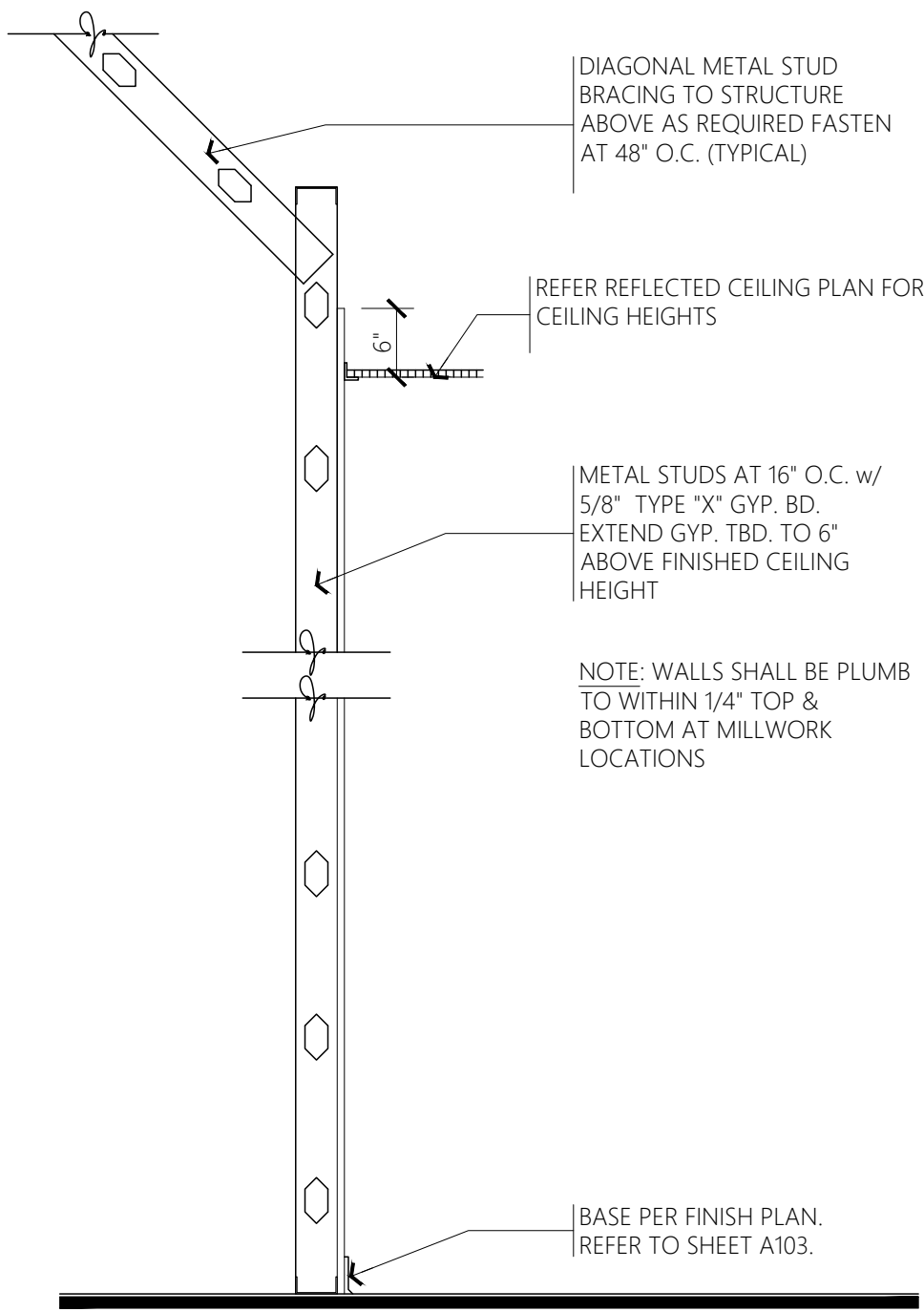
Title  
**SECTIONS AND DETAILS**

Date 10/01/21  
Drawn By  
STAFF  
Checked By JHM  
Sheet  
A400

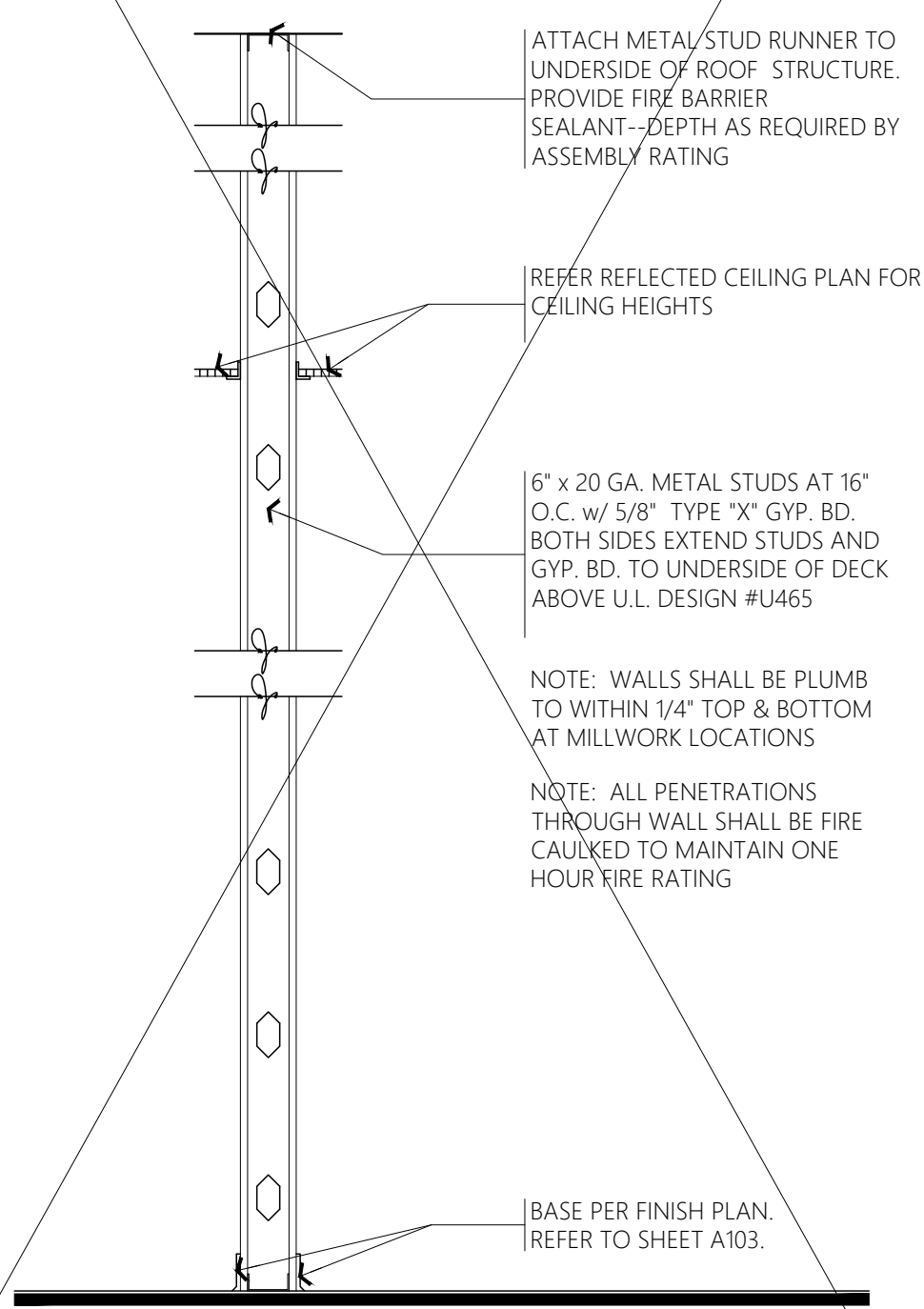
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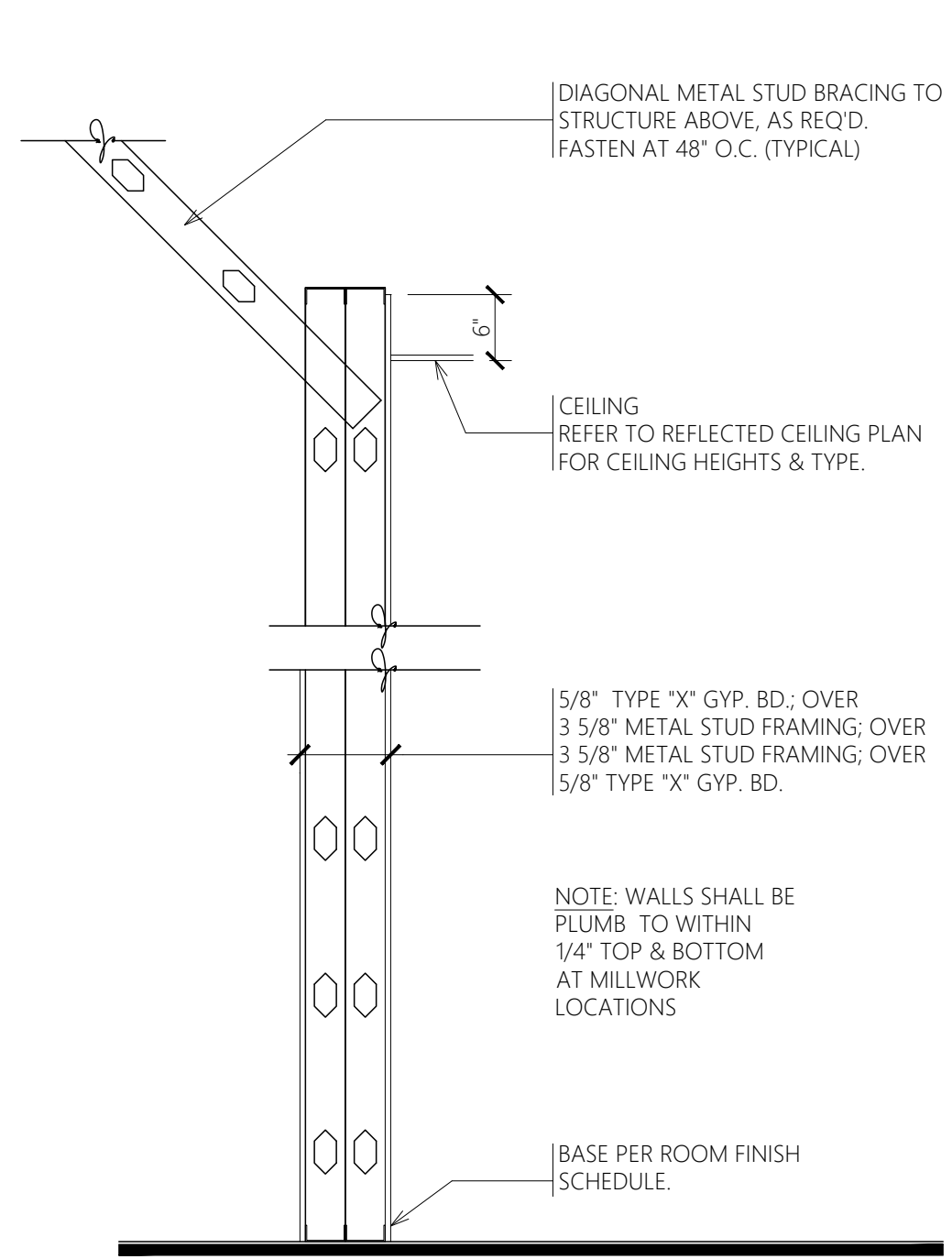
1 WALL SECTION  
SCALE: 3/4"=1'-0" TYPICAL INTERIOR PARTITION WALL



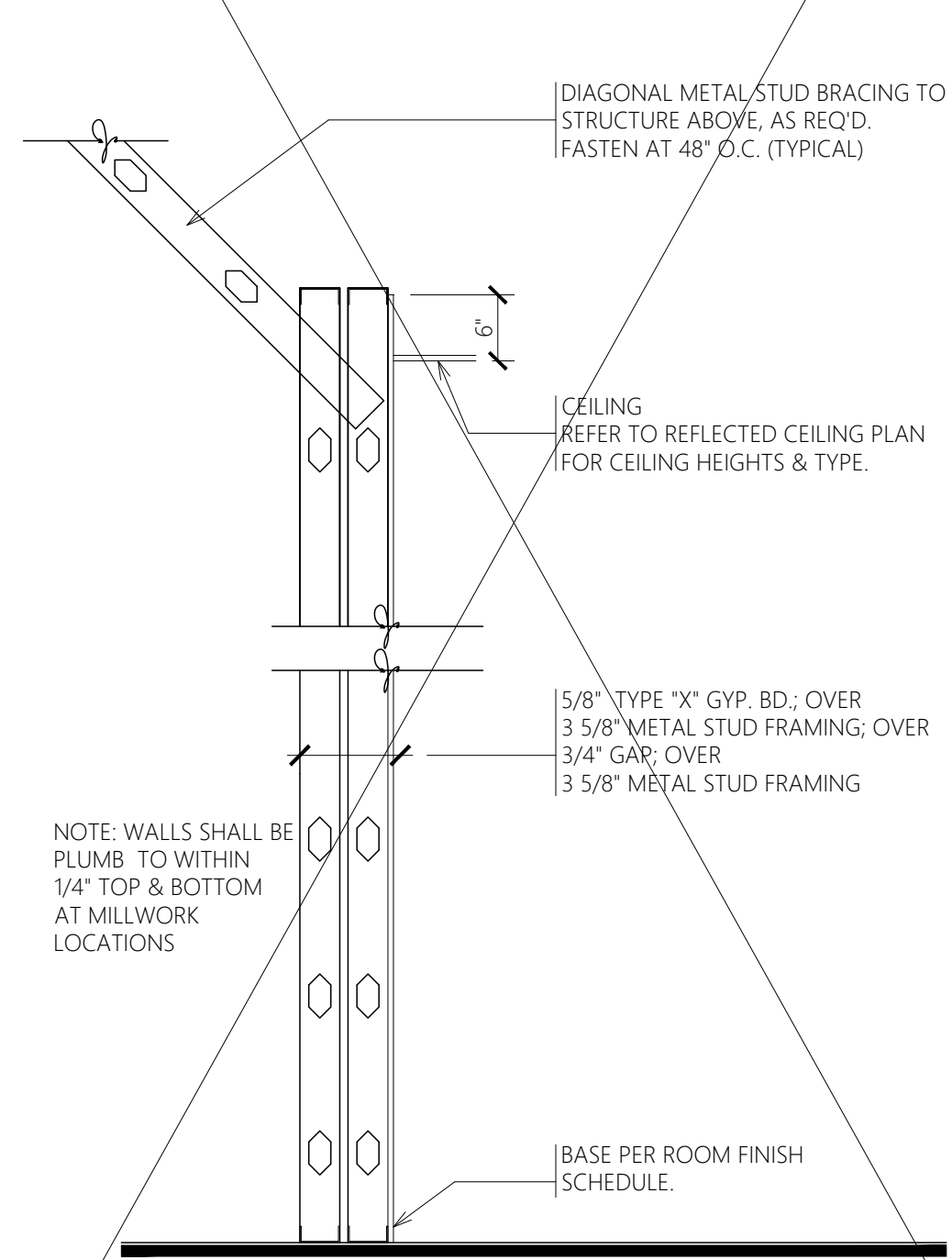
2 WALL SECTION  
SCALE: 3/4"=1'-0" ONE-SIDE GYP. BD.



3 WALL SECTION  
SCALE: 3/4"=1'-0" INTERIOR ONE HOUR RATED U.L. #U465

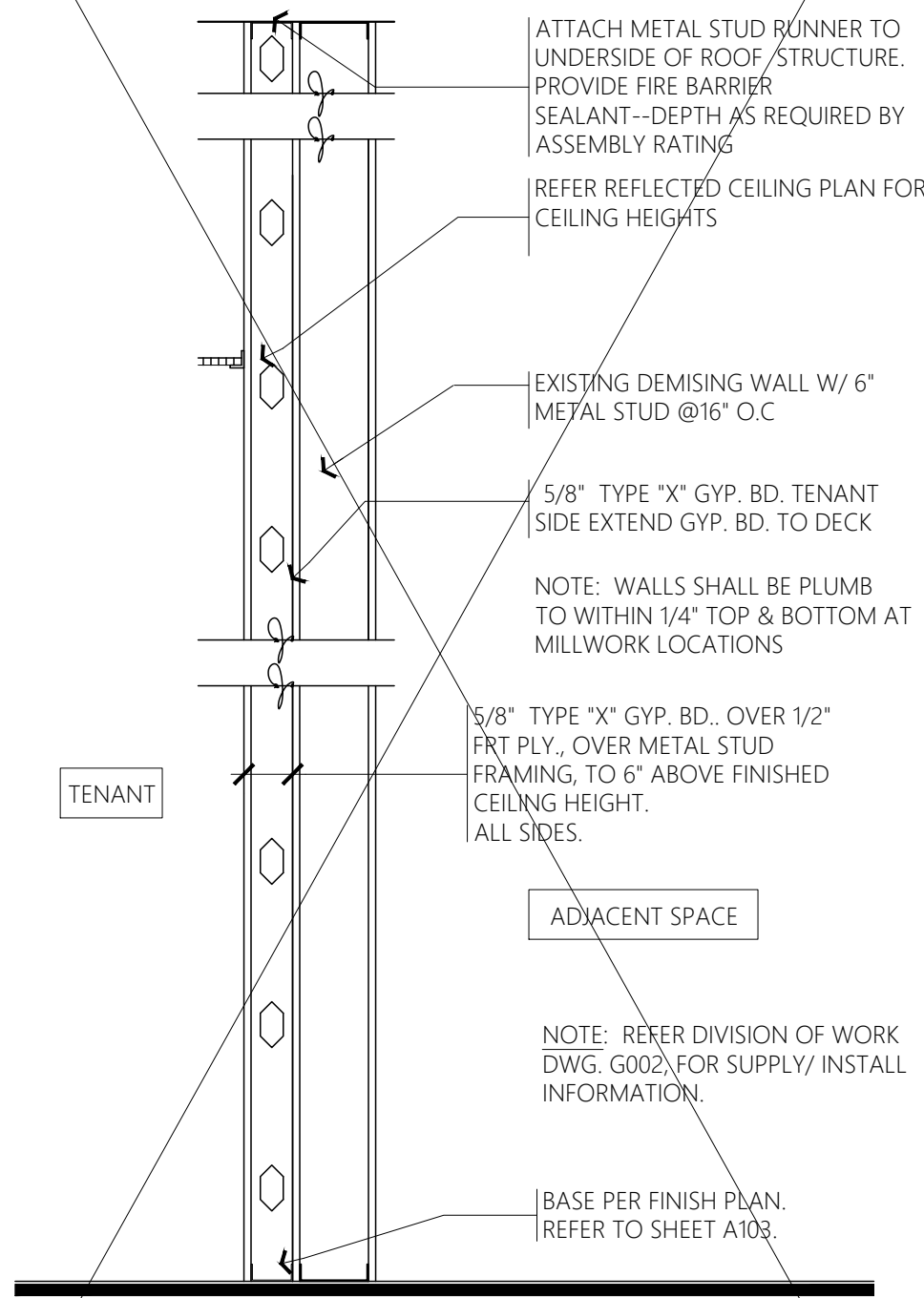


4 WALL SECTION  
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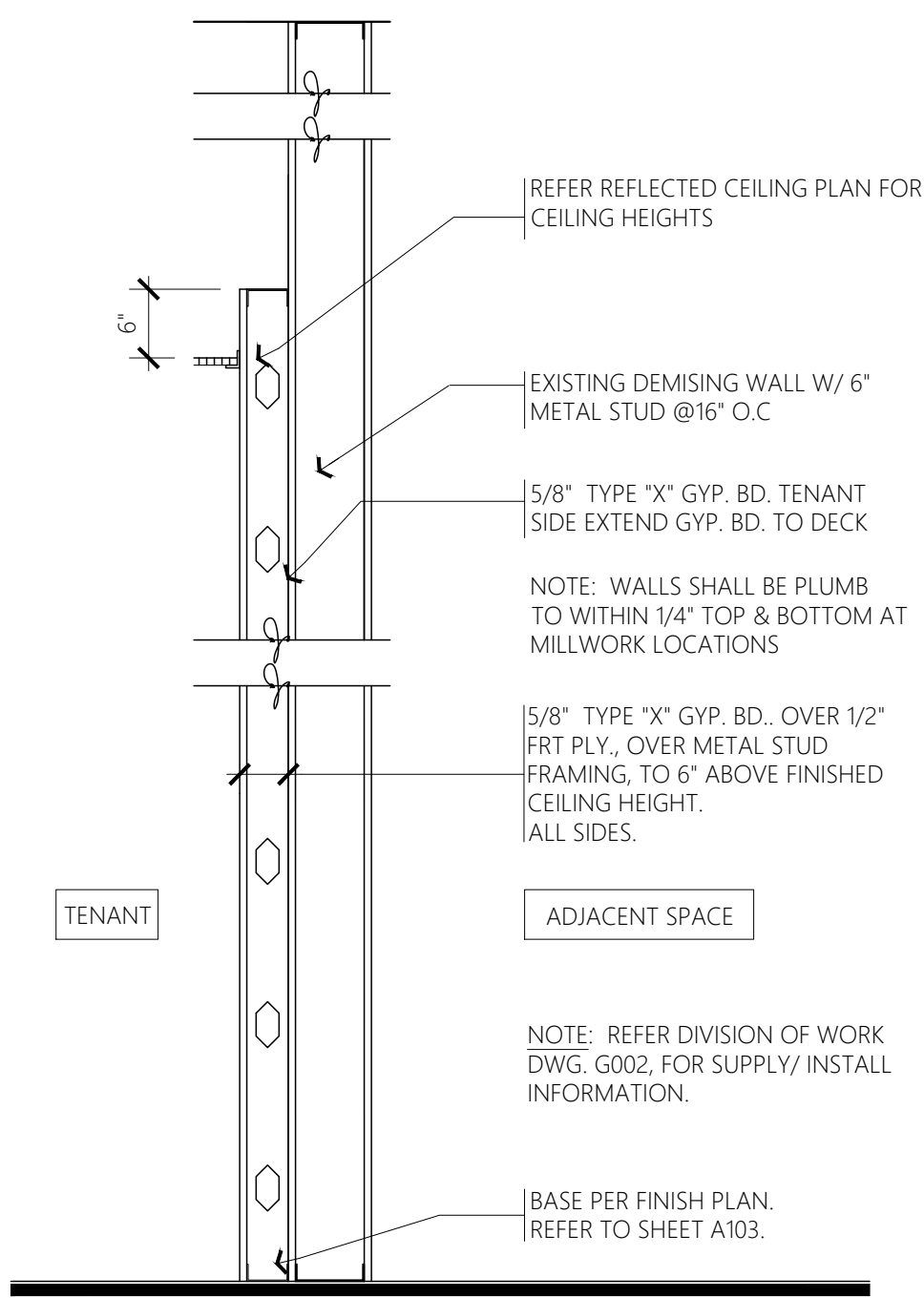


5 WALL SECTION  
SCALE: 3/4"=1'-0" LED WALL

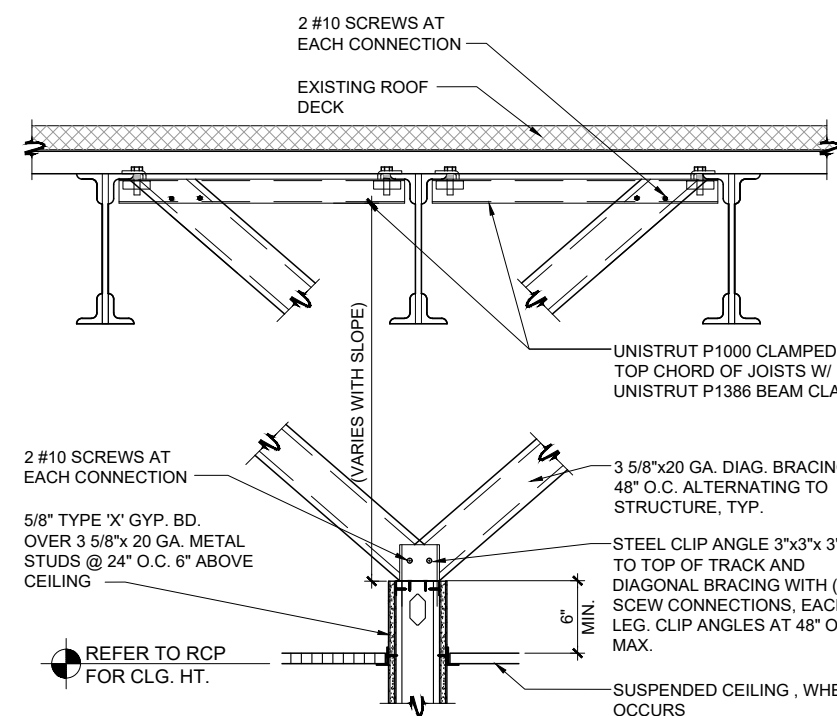
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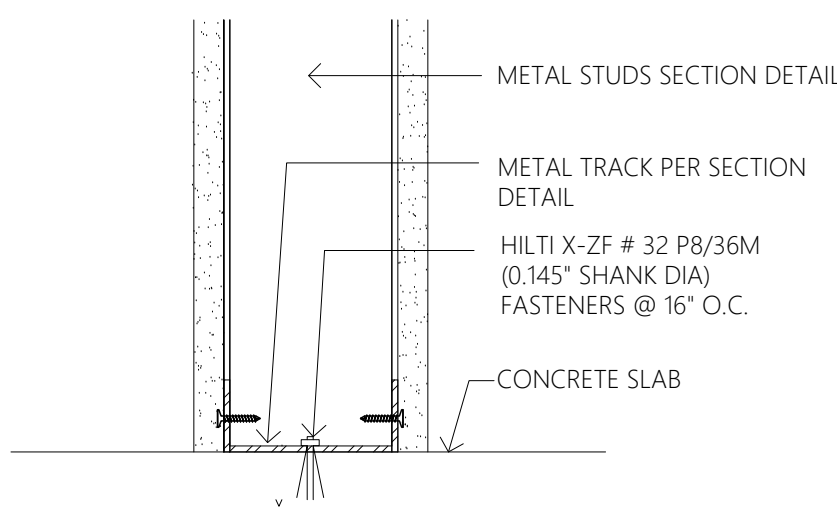
6 WALL SECTION  
SCALE: 3/4"=1'-0"



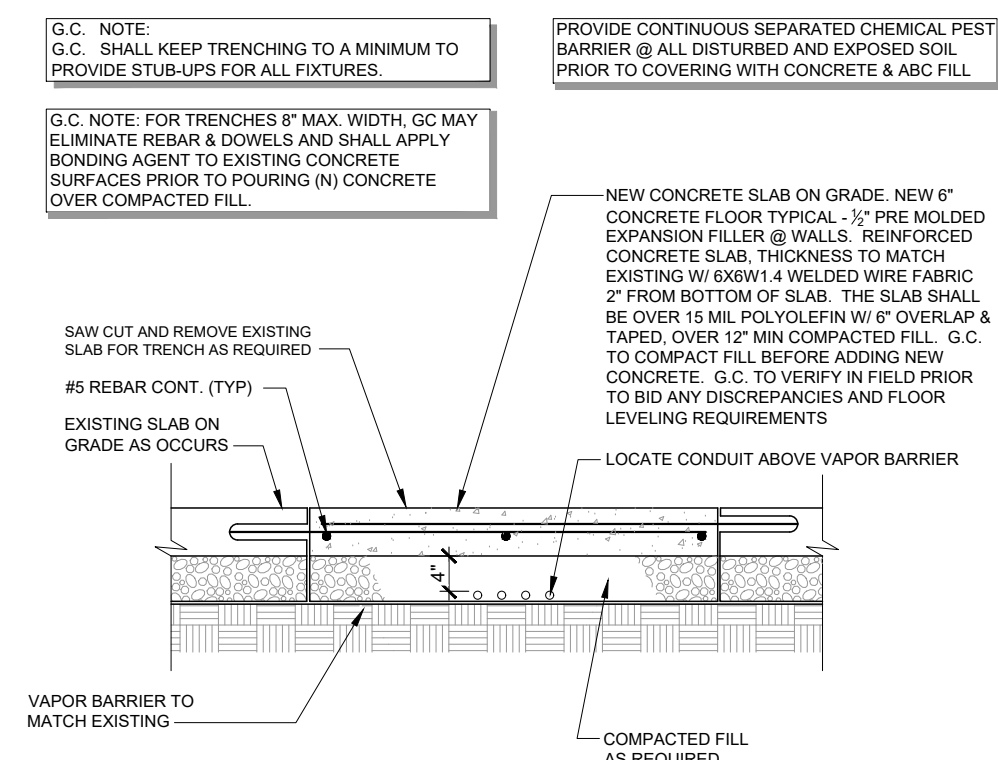
7 WALL SECTION  
SCALE: 3/4"=1'-0"



8 TRACK TO BRACE DETAIL  
SCALE: 3/4"=1'-0"



9 TRACK TO SLAB DETAIL  
SCALE: 3/4"=1'-0"



11 SAWCUT DETAIL  
SCALE: 3/4"=1'-0"

#### Metal Stud Size Schedule

SIZE	DESIGNATION	@ 16" O.C.	@ 24" O.C.
SEE NOTES			
EXTERIOR AND LOAD BEARING STUDS			
2 1/2"	2505162-33	12'-6"	10'-9"
	2505162-33	13'-0"	11'-6"
	2505162-33	13'-10"	12'-0"
	3625162-33	16'-0"	13'-6"
	3625162-33	17'-3"	15'-0"
3 5/8"	3625162-33	17'-11"	15'-7"
	3625162-33	18'-6"	16'-9"
	3625162-43	19'-3"	-
	3625162-54	20'-0"	-
	3625162-68	22'-0"	-
6"	6005162-33	20'-0"	15'-0"
	6005162-33	25'-3"	22'-0"
	6005162-33	26'-1"	22'-10"
	6005162-33	26'-8"	23'-8"
	6005162-43	28'-0"	-
	6005162-54	30'-0"	-
	6005162-68	32'-0"	-
INTERIOR, NON-LOAD BEARING, AND FURRING STUDS			
1 5/8"	1625125-18	9'-6"	8'-3"
2 1/2"	2505162-18	12'-6"	10'-9"
	2505162-27	13'-0"	11'-6"
3 5/8"	3625162-18	16'-0"	13'-6"
	3625162-27	17'-3"	15'-0"
4"	4005162-18	17'-3"	14'-3"
	4005162-27	18'-6"	16'-3"
6"	6005162-18	20'-0"	15'-0"
	6005162-27	25'-3"	22'-0"
MILLS / GAUGE CONVERSION			
Mills	Gauge		
18	25		
27	22		
33	20		
43	18		
54	16		
68	14		

- HEIGHTS LISTED ARE MAXIMUM UNBRACED HEIGHT. CONFIRM STUD SIZES, LOADS, AND SPANS WITH STUD MANUFACTURER.
- EXTERIOR AND LOAD BEARING STUDS SHALL BE STRUCTURAL STUDS ONLY.
- "EQUIVALENT" STUDS MAY BE SUBSTITUTED FOR INTERIOR AND NON-LOAD BEARING STUDS.
- RUNNER/TRACK GUAGES TO MATCH STUD GAUGE.
- WALLS OVER 12'-0" HIGH TO BE Laterally Braced @ 8'-0" Vertical with 1 1/2", 16 GA. COLD ROLLED CHANNELS CLIP ANCHORED TO METAL STUDS.

DESIGN & CONSTRUCTION  
MANAGEMENT:

**NEXTORE**

• 800 Luxottica Place, Mason, OH 45040 • 513.555.9545  
• Cherry Brook East, Grafton, CT 06033 • 860.435.0100

**STORE # 1643**  
**SUMMITWOODS CROSSING**  
1700 NW CHIPMAN RD  
LEE'S SUMMIT, MO 64081

Construction for:

**LENSCRAFTERS**  
A Subsidiary of the Luxottica Group  
4000 Luxottica Place Mason, Ohio 45040

Revisions:

Mark	Date	By
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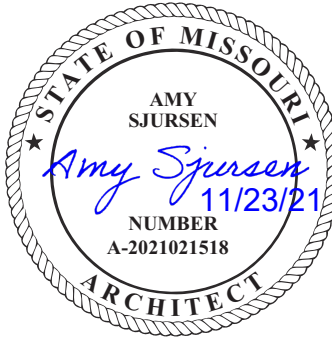
Architect of Record

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Seal



Architect Job No.:

LUX-305

Nextore Store Design Revision No.:

**REV 06**

Nextore project

Number 84169

Brand Design Type:

LC06 AUGNORM

ISSUED FOR:

☐ Construction

Title

**SECTIONS  
AND  
DETAILS**

Date

10/01/21

Drawn By

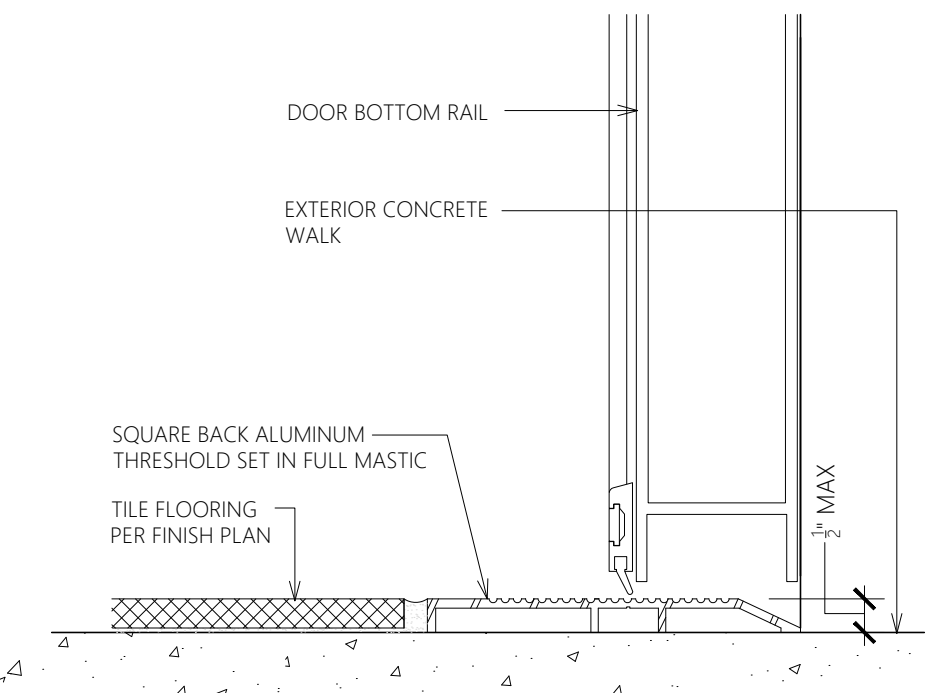
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JHM

Sheet

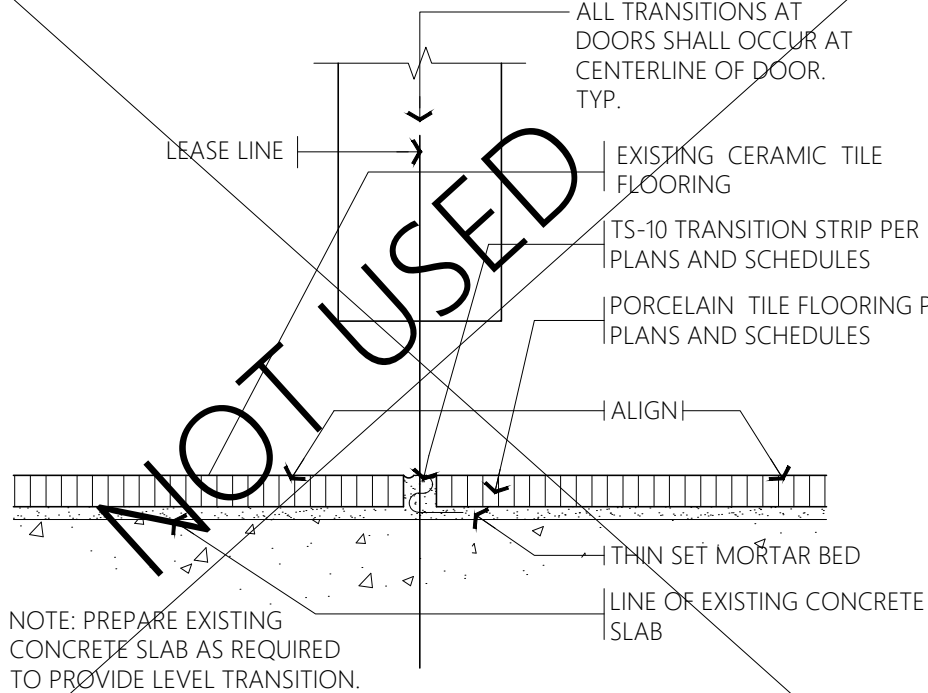
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**1 FLOOR TRANSITION DETAIL**

SCALE: 6" = 1'-0"

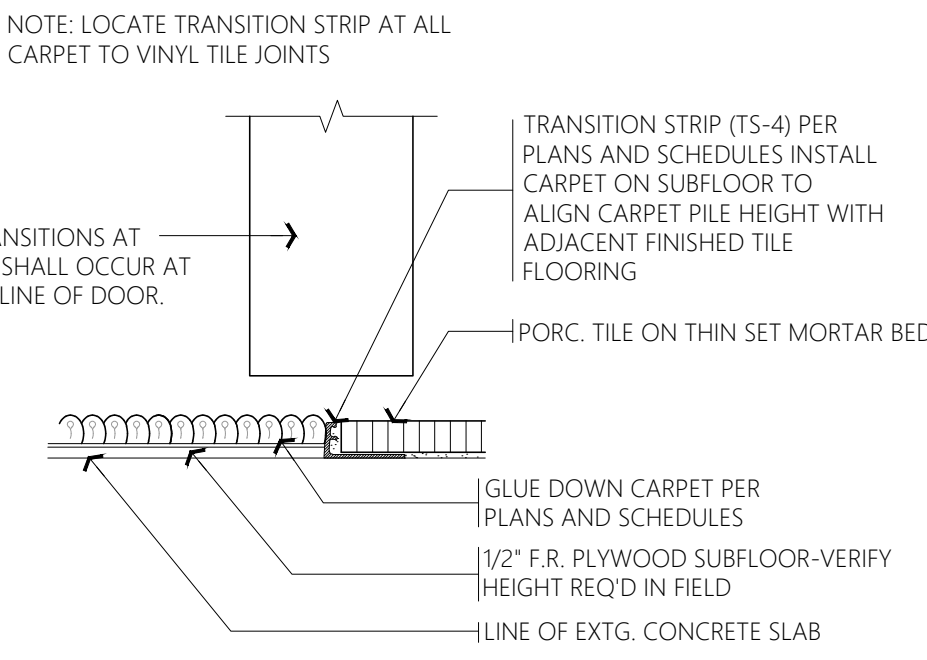
CONCRETE TO CERAMIC TILE



**2 FLOOR TRANSITION DETAIL**

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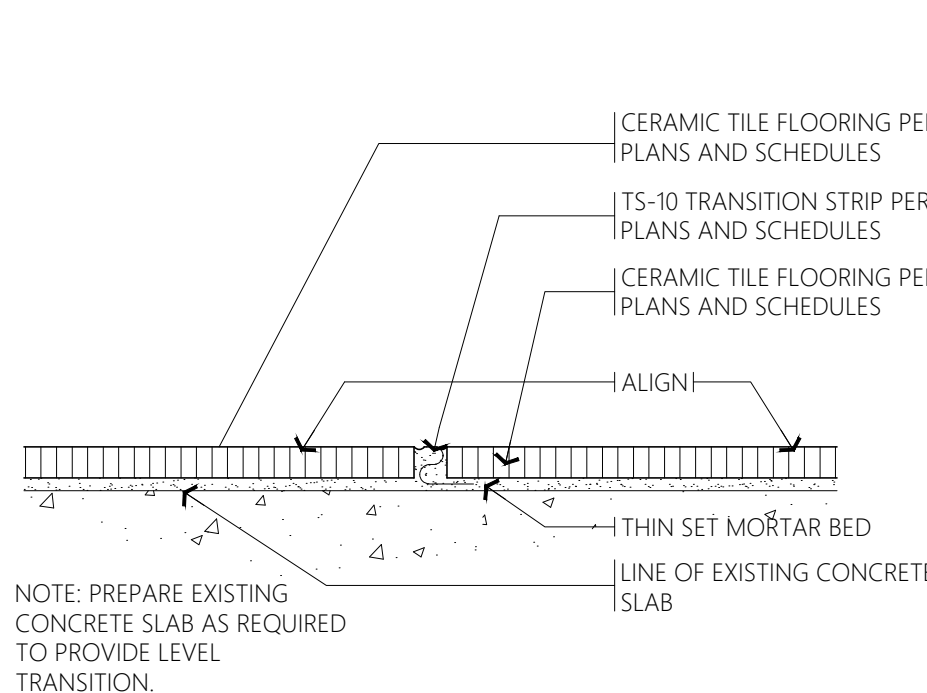
CERAMIC TO CERAMIC



**3 FLOOR TRANSITION DETAIL**

SCALE: HALF SIZE

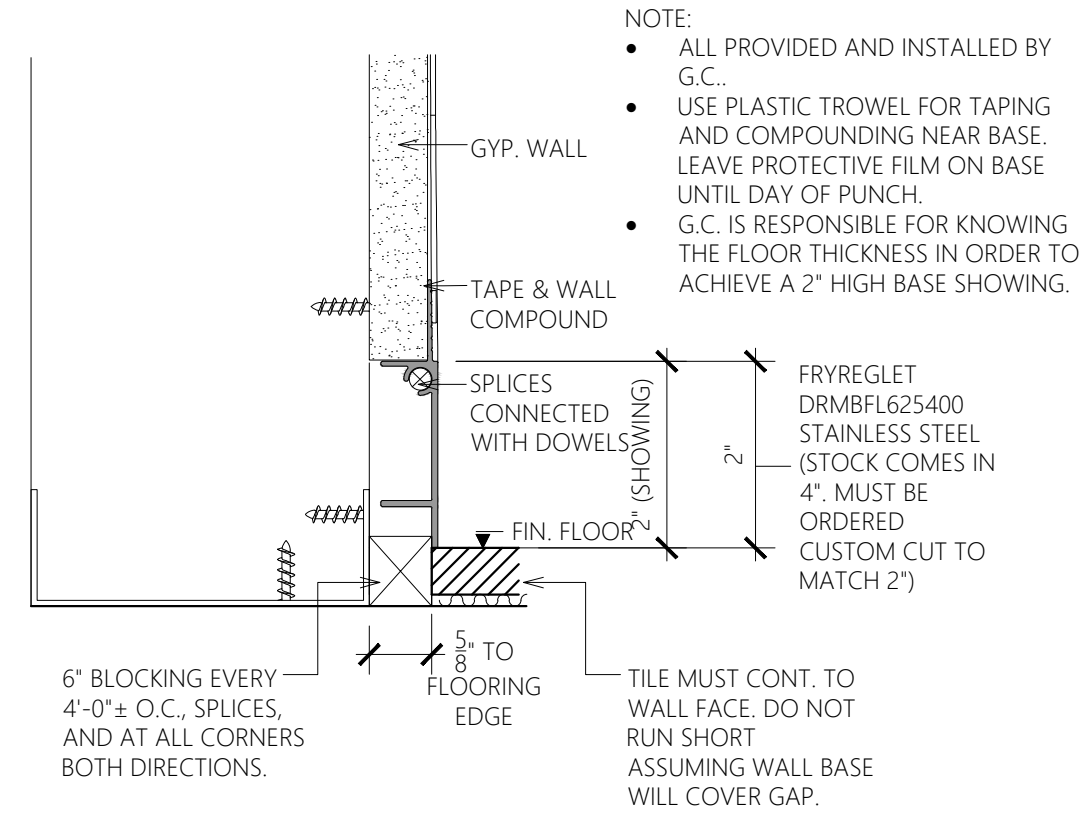
CARPET TO CERAMIC



**4 FLOOR TRANSITION DETAIL**

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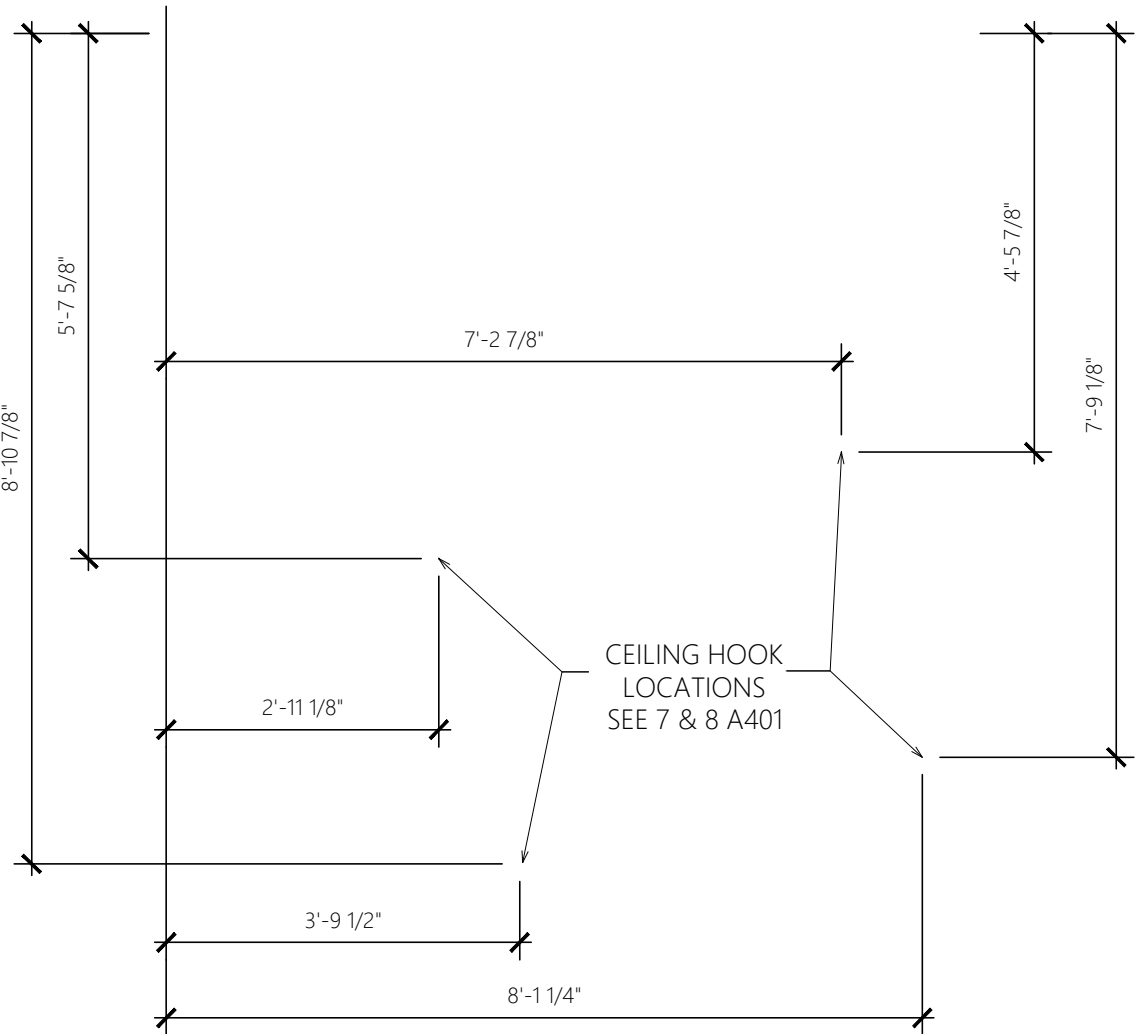
CERAMIC TO CERAMIC



**5 MWB-170 FLUSH WALL BASE**

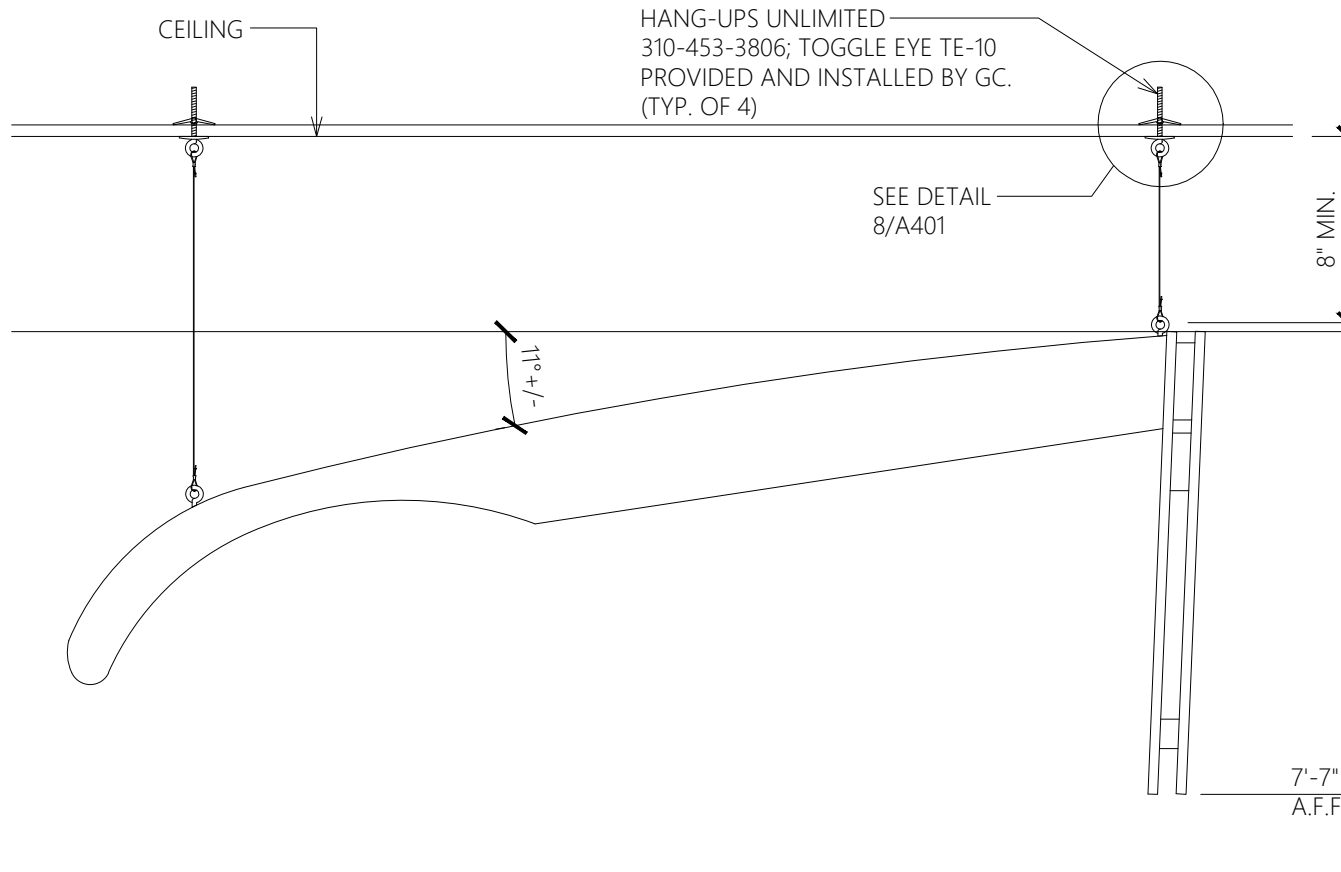
SCALE: 6" = 1'-0"

LC06AUGNORM-MWB-170-REV00



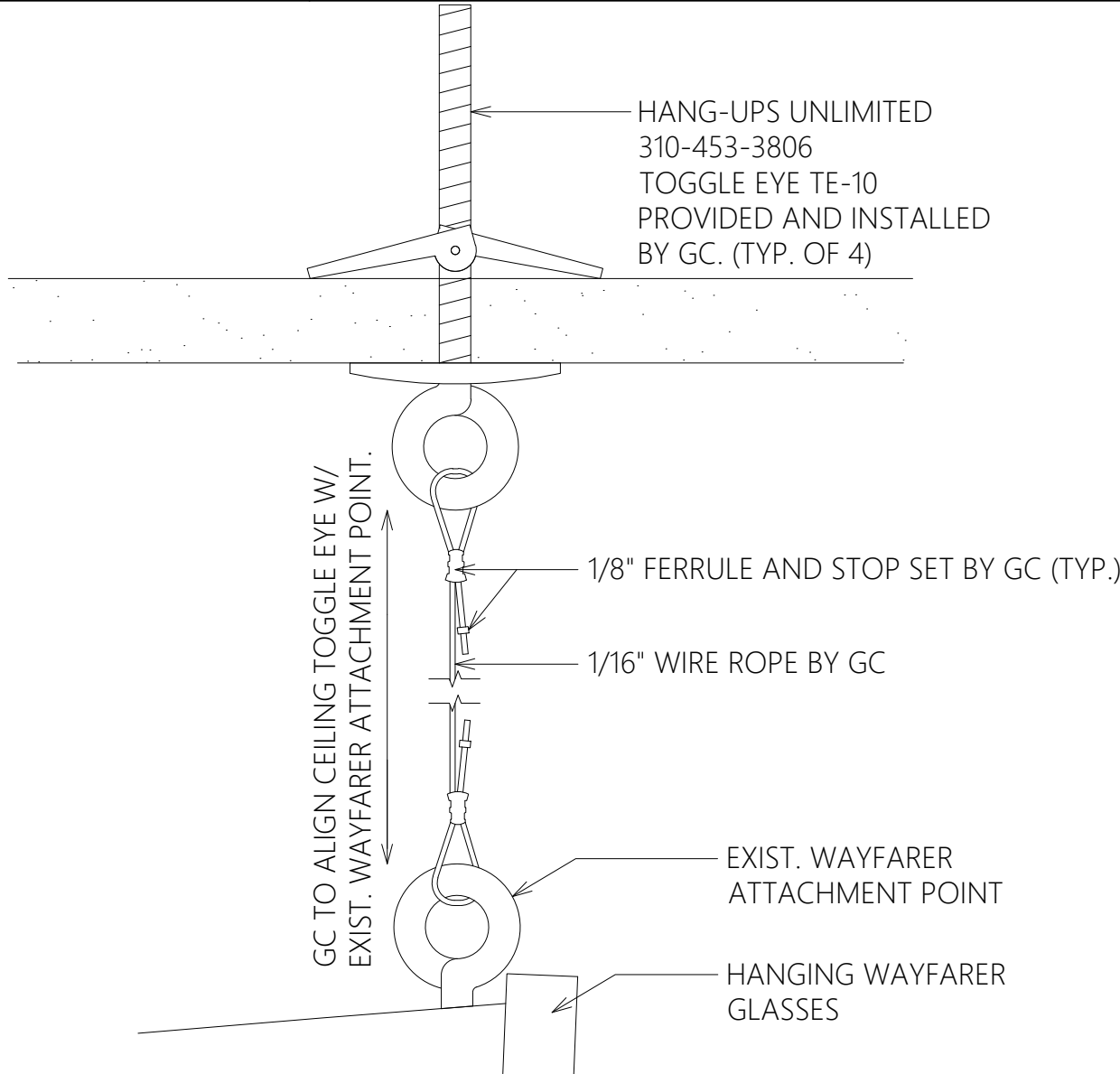
**6 WAYFARER INSTALLTION**

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



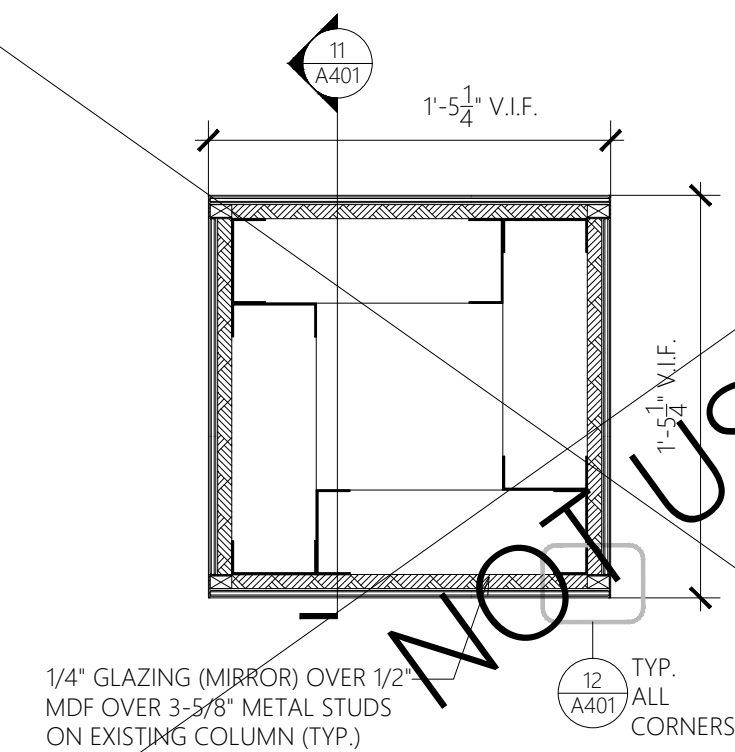
**7 GLASSES WAYFARER DETAIL**

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



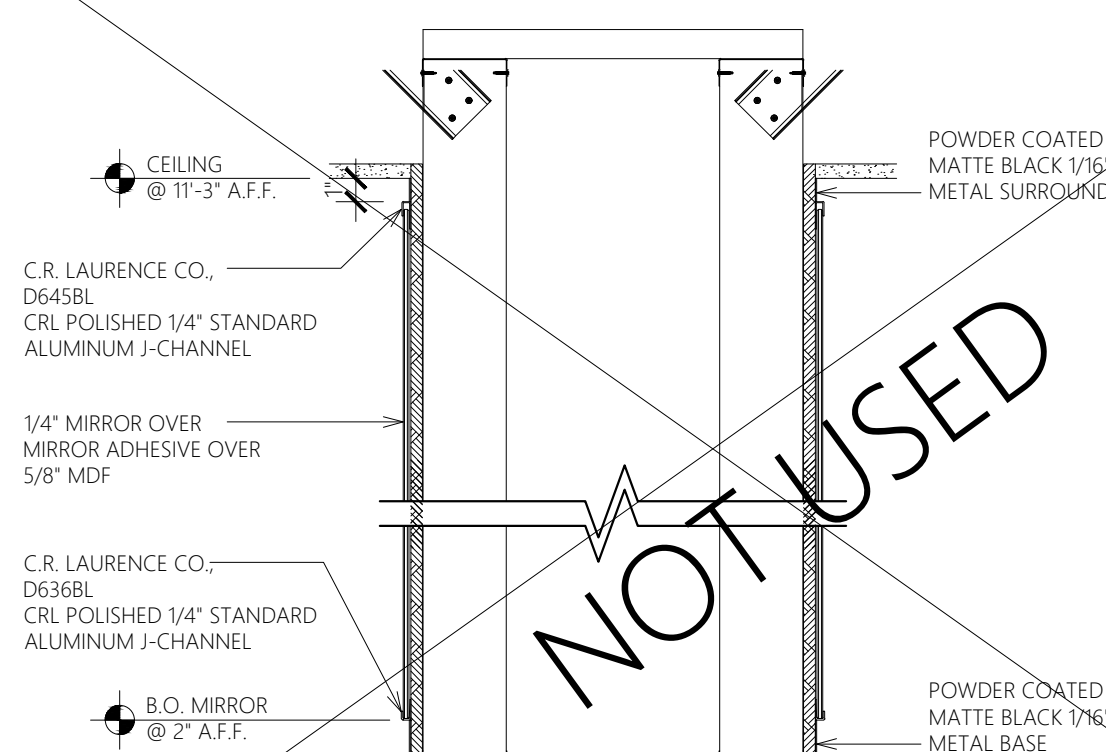
**8 WAYFARER SUSPENSION DETAIL**

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



**10 COLUMN ENCLOSURE SECTION**

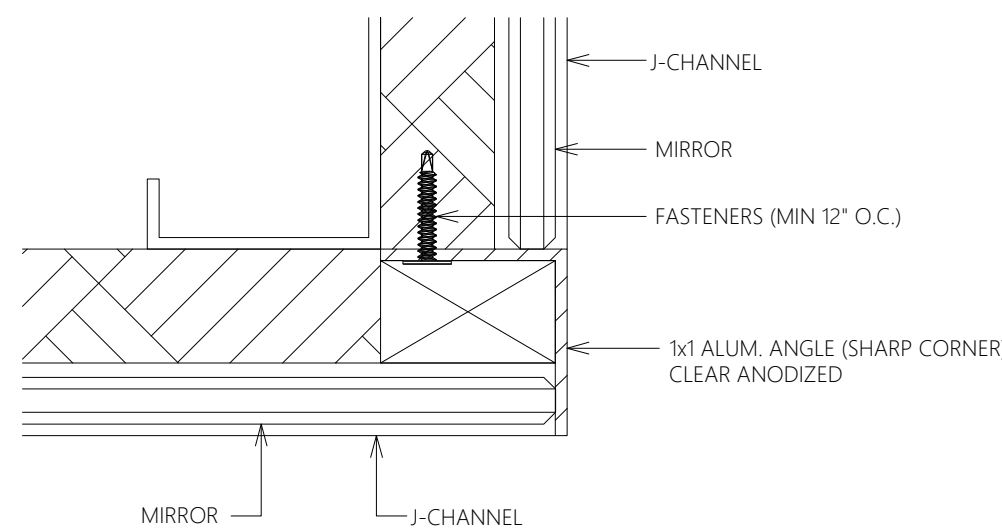
SCALE: 1 1/2" = 1'-0"



**11 SECTION**

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

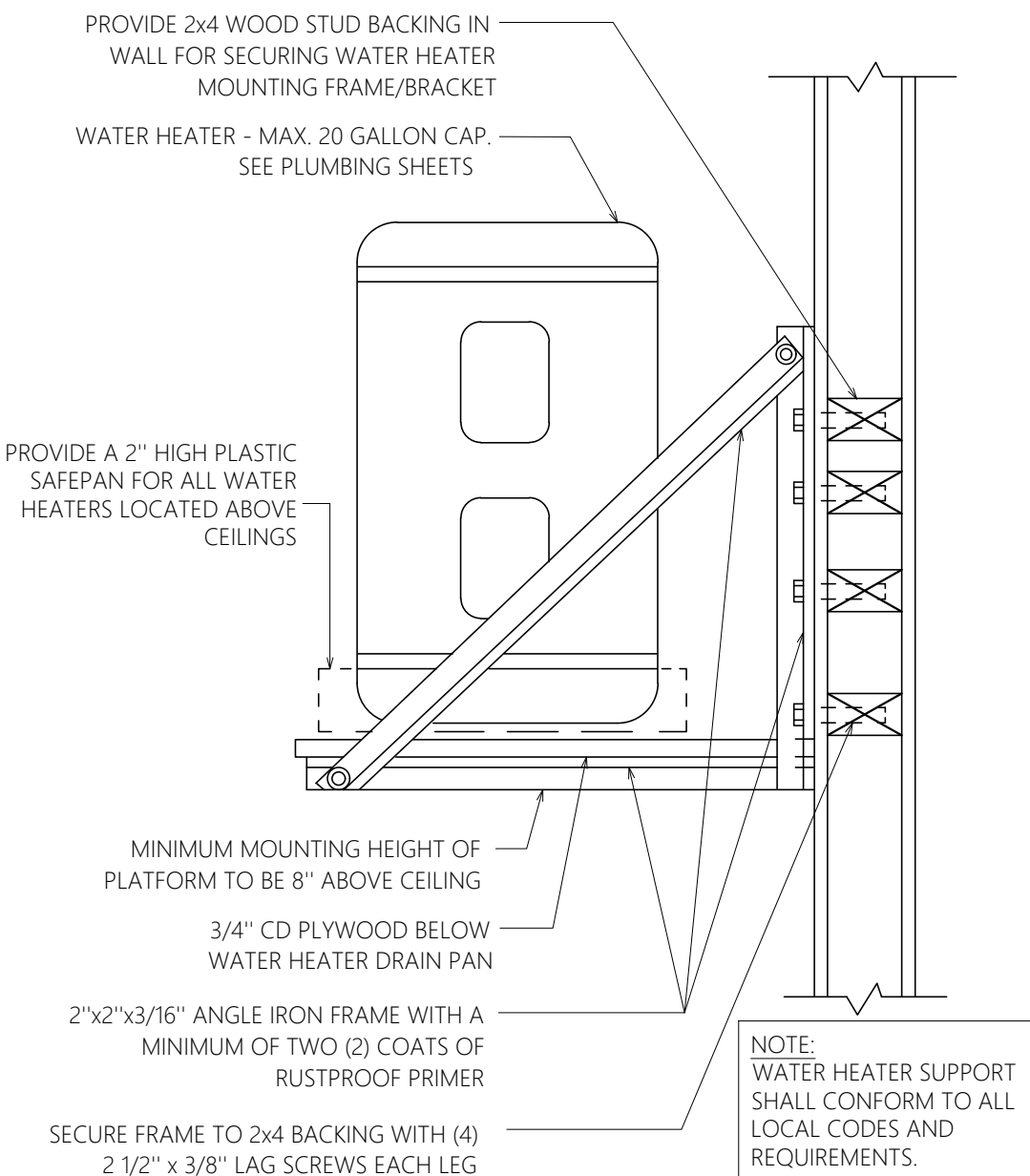
INTERIOR MIRRORED COLUMN ENCLOSURE



**12 DETAIL**

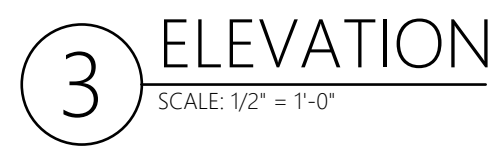
SCALE: 12" = 1'-0"

INTERIOR MIRRORED COLUMN ENCLOSURE



**13 WATER HEATER SUPPORT DETAIL**

SCALE: N.T.S.



**DESIGN & CONSTRUCTION MANAGEMENT:** **RELEASED FOR CONSTRUCTION**  
As Noted on Plans Review  
Development Services Department  
Lee's Summit, Missouri  
12/06/2021

**STORE # 1643**  
**SUMMITWOODS CROSSING**  
 1700 NW CHIPMAN RD  
 LEE'S SUMMIT, MO 64081

Construction for:

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Revisions:

Mark	Date	By
1		
2		
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4		
5		
6		
7		
8		

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Seal



Architect Job No.:

LUX-305

Nextore Store Design Revision No.:

**REV 06**

Nextore project Number	84169
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Brand Design Type:

LC06 AUGNORM

**ISSUED FOR:**  
☐ Construction

# Title

## LED DISPLAY WALL SECTIONS AND DETAILS

Date \_\_\_\_\_

10/01/21  
Drawn By

STAFF

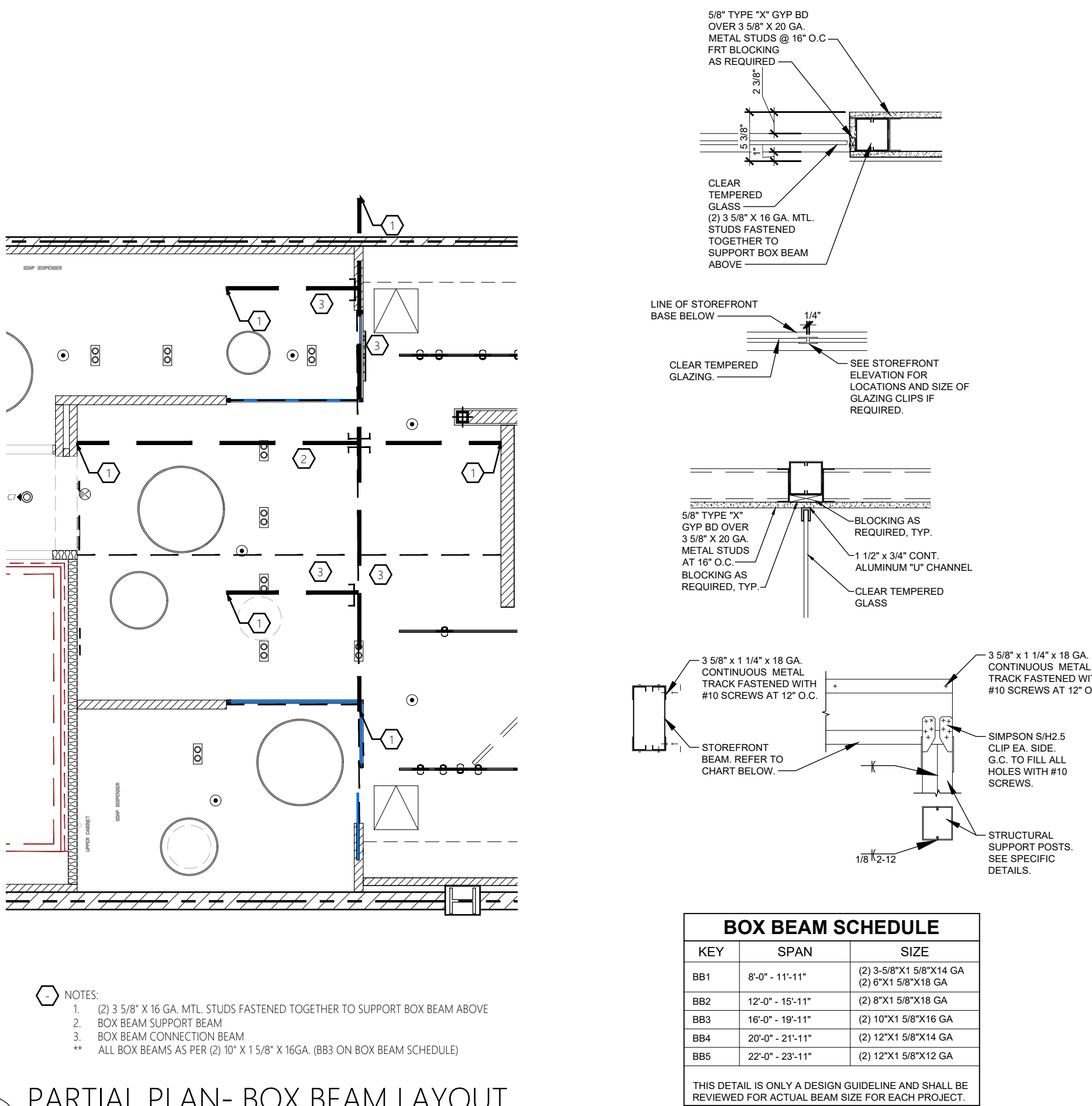
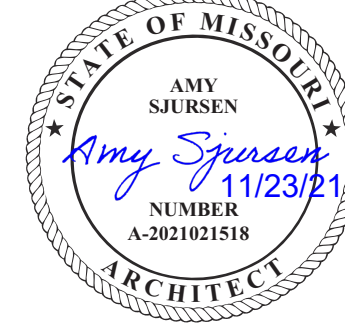
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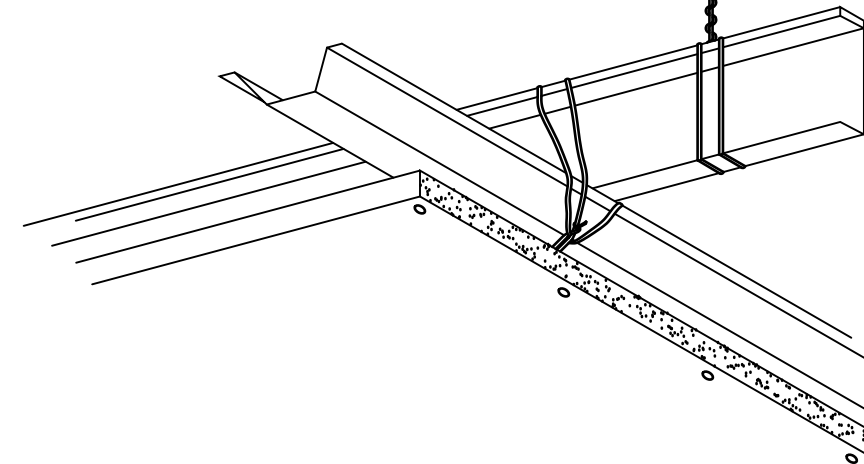


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DESCRIPTION:

THE CEILING CONSISTS OF HANGER WIRES ATTACHED TO THE STRUCTURE ABOVE. MAIN RUNNERS ATTACHED TO THE HANGERS, AND CROSS FURRING ATTACHED TO THE MAIN RUNNERS. APPROPRIATE GYPSUM OR CEMENT BOARD PANELS ARE SCREW ATTACHED TO RECEIVE FINAL DECORATION SUCH AS DRYWALL TREATMENT, VENEER PLASTER, ACUSTICAL TILES, ACRYLIC PLASTER SYSTEM, AND CERAMIC TILE.



COMMON USES:

SUSPENDED GYPSUM BOARD OR CEMENT BOARD CEILINGS ARE PRIMARILY USED TO PROVIDE FLAT PLANE CEILINGS IN MOST TYPES OF BUILDINGS. THESE MAY BE DESIGNED TO PROVIDE FIRE PROTECTION, CONCEALMENT, AND ACOUSTICAL TREATMENT.

LIMITATIONS:

CARE MUST BE TAKEN IN CHOOSING THE CEILING SURFACE FOR AREAS EXPOSED TO HIGH HUMIDITY. IT IS DIFFICULT TO ADAPT THIS FRAMING SYSTEM TO CURVED, BARREL VAULT, OR DOME TYPE CEILINGS. LIMITED ACCESS CAN BE PROVIDED WITH THE INSTALLATION OF ACCESS PANELS. THE LEVELS OF ABUSE AND PENETRATION RESISTANCE IS NOT THAT OF A SUSPENDED METAL LATH AND PLASTER CEILING.

ADVANTAGES:

PROVIDES FLAT, MONOLITHIC CEILING SURFACES AT THE LEAST COST. CAN BE ADAPTED TO SEVERAL GYPSUM ASSOCIATION AND U.L. FIRE RATED FLOOR/CEILING ASSEMBLIES. ACOUSTICAL TILE AND ACOUSTICAL PLASTER PROVIDE GOOD SOUND ABSORPTION.

VERSATILITY:

THESE CEILINGS ARE BEST INSTALLED IN FLAT PLANES. HOWEVER, INSTALLING FACETED CEILINGS OF VARIOUS SHAPES AND AT ANY ANGLE, ALLOWS NUMEROUS DESIGN OPTIONS. THE USE OF CEMENT BOARD PANELS ALLOWS THE USE OF THIS SYSTEM IN HIGH HUMIDITY AREAS. A VARIETY OF TEXTURES ARE AVAILABLE.

STRUCTURAL DESIGN:

- HANGERS: SIZES BASED ON STATIC LOADS DEVELOPED BY STANDARD MAXIMUM CEILING SPACING AND LIMITED TO A SAFETY FACTOR OF 6.5, BUT NO LESS THAN 12 GAUGE WIRE. CEILING WEIGHT DETERMINES THE SIZE AND SPACING OF HANGER WIRE.
- RUNNERS AND CROSS FURRING: DEFLECTION IS LIMITED TO 1/360 OF THE SHORTEST SPAN UNDER THE CEILING LOAD.

1.0 REFERENCE DOCUMENTS:

1.1 ASTM STANDARDS

- 1.1.1 ASTM C-754 INSTALLATION OF STEEL FRAMING TO RECEIVE SCREW ATTACHED GYPSUM PANELS
- 1.1.2 ASTM C-840 APPLICATION AND FINISHING OF GYPSUM BOARD (SEC 15)
- 1.1.3 ASTM C-841 INSTALLATION OF INTERIOR LATHING AND FURRING (SECS 7.2 & 7.4)
- 1.1.4 ASTM C-844 APPLICATION OF GYPSUM BASE TO RECEIVE GYPSUM VENEER PLASTER (SEC 15)

1.2 RELATED STANDARDS:

- 1.2.1 GA 216 APPLICATION AND FINISHING OF GYPSUM BOARD (SEC 12)
- 1.2.2 GA 600 FIRE-RESISTANCE DESIGN MANUAL
- 1.2.3 GWS-1 NORTHWEST WALL & CEILING BUREAU GUIDE SPECIFICATION FOR GYPSUM WALLBOARD
- 1.2.4 VP-1 NORTHWEST WALL & CEILING BUREAU GUIDE SPECIFICATION FOR VENEER PLASTER SYSTEMS
- 1.2.5 ICBO EVALUATION REPORT ER-4071
- 1.2.6 MANUFACTURERS SPECIFICATIONS FOR THE APPLICATION OF CEMENT BOARD TO CEILINGS

2.0 MATERIALS:

- 2.1 HANGER WIRE FOR CEILINGS WEIGHING 4 LBS PSF OR LESS. SHALL BE #12 GA DIAMETER GALVANIZED, SOFT ANNEALED STEEL WIRE.
- 2.2 HANGER WIRE FOR CEILINGS WEIGHING UP TO 10 LBS SHALL BE #9 GA GALVANIZED, SOFT ANNEALED STEEL WIRE.
- 2.3 MAIN RUNNERS (CARRIERS) SHALL BE 1-1/2 X 16 GAUGE COLD ROLLED CHANNELS WEIGHING 475 LBS. PER THOUSAND LINEAL FEET. GALVANIZED OR CORROSION INHIBITING COATING FOR EXTERIOR OR HUMID CONDITIONS.
- 2.4 FURRING SHALL BE 7/8" X 25 GAUGE HAT SHAPED SECTIONS. GALVANIZED OR CORROSION INHIBITING COATING FOR EXTERIOR OR HUMID CONDITIONS.
- 2.5 TIE WIRE SHALL BE 16 GAUGE AND/OR 18 GAUGE GALVANIZED, SOFT ANNEALED STEEL WIRE.

3.0 INSTALLATION:

- 3.1 WIRE HANGERS SHALL BE ATTACHED TO, OR PRE-INSTALLED IN STRUCTURE CAPABLE OF SUPPORTING THE CEILING WEIGHT, PLUS SAFETY MARGIN, WITHOUT DEFLECTION. THE HANGER ATTACHMENT SHALL DEVELOPE FULL HANGER STRENGTH. HANGERS SHALL BE STRAIGHT AND WITHIN A RATION OF 1/6 OF PLUMB. AVOID HANGER SPLICES. HANGER WIRES SHALL NOT CONTACT MECHANICAL OR ELECTRICAL ITEMS ABOVE THE CEILING. HANGER WIRES SHALL BE INSTALLED AT 4' OC, AND SHALL BE LOCATED WITHIN 6" OF THE ENDS OF MAIN RUNNERS.
- 3.2 MAIN RUNNERS SHALL BE SPACED AT 4' OC. MAIN RUNNERS SHALL BE LOCATED WITHIN 6" OF PARALLEL WALLS. ATTACH HANGER WIRES TOT THE MAIN RUNNERS WITH A SADDLE TIE THAT PREVENTS SETTLING, UPLIFT, OR TWISTING OF THE MAIN RUNNERS. SPLICE FURRING WITH A NESTED 1/2" LAP AND A DOUBLE WRAP WIRE TIE AT EACH END. MAIN RUNNERS SHALL BE INSTALLED TO WITHIN +/- 1/8" OF A FLAT PLANE.
- 3.3 CROSS FURRING SHALL BE SADDLE TIED TO MAIN RUNNERS WITH #16 GAUGE WIRE OR TWO STRANDS OF #18 GAUGE WIRE OR APPROVED CLIPS. SPLICE FURRING WITH AN 8" NESTED LAP SCREWED OR WIRE TIED AT EACH END. THE REQUIRED FURRING SPACING IS 24" OC FOR 5/8" THICK GYPSUM PANELS AND 16" OC FOR 1/2" THICK GYPSUM PANELS. FOR OTHER COMBINATIONS AND THICKNESS OF GYPSUM PANELS OR FOR CEMENT BOARD APPLICATIONS, SEE THE APPROPRIATE RELATED REFERENCE STANDARD OR MANUFACTURERS SPECIFICATIONS.
- 3.4 WHEN THE STRUCTURE FROM WHICH THE CEILING IS SUSPENDED IS CAPABLE OF MOVEMENT INDEPENDENT OF THE STRUCTURE SUPPORTING ABUTTING WALL AND PARTITIONS, THE CEILING FRAMING SHALL NOT BE ATTACHED TO OR IN CONTACT WITH THE WALLS. INSTALL GYPSUM OR CEMENT PANELS TO THE CEILING WITH LONG DIMENSIONS PERPENDICULAR TO FURRING MEMBERS. PANEL ENDS SHALL OCCUR OVER FURRING MEMBERS UNLESS DICTATED BY OTHERWISE BY FIRE OR SOUND RATED SYSTEMS.
- 3.5 ACCESSORIES: ACCESSORIES APPROPRIATE TO THE CEILING TYPE SHALL BE SUE, AND BE INSTALLED ACCORDING TO THE RELATED REFERENCE STANDARD.
- 3.6 GENERAL INFORMATION: LARGE SUSPENDED CEILINGS, MORE THAN 50 LINEAL FT. IN ONE DIMENSION OR MORE THAN 2500 SF, SHOULD NOT CONTACT ABUTTING WALLS OR COLUMNS. CONTROL JOINTS SHOULD BE USED TO MAINTAIN PANEL DIMENSIONS OF 50 LF. OR LESS, AND TO DIVIDE CEILING AREAS INTO MAXIMUMS OF 2500 SF. FRAMING SHOULD BE BROKEN OR SPACED AT CONTROL JOINTS. FLEXIBLE SEALANT OR FOAM TAPS MAY BE INSTALLED BETWEEN THE CASING BEAD AND THE ABUTTING SURFACES. ADDITIONAL CARRIERS AND FURRING CHANNELS AND HANGER WIRES SHALL BE INSTALLED TO FRAME AROUND CEILING PENETRATIONS, SUCH AS LIGHT FIXTURES, ACCESS PANELS AND DUCT WORK. FOR CEILING WEIGHT MORE THAN 7 LB. SF, USE 20 GA FURRING AT REDUCED SPACING.

1 SUSPENDED GYPSUM BOARD CEILING

NO SCALE

LATERAL FORCE BRACING (FIGURES 2 AND 3)

- CEILINGS CONSTRUCTED OF LATH AND PLASTER OR GYPSUM BOARD, SCREW OR NAIL ATTACHED TO SUSPENDED MEMBERS THAT SUPPORT A CEILING ON ONE LEVEL EXTENDING FROM WALL TO WALL SHALL BE EXEMPT FROM THE LATERAL FORCE BRACING REQUIREMENTS. SOURCE: CISCA ZONES 3-4
- LATERAL FORCE BRACING IS THE USE OF VERTICAL STRUTS (COMPRESSION POSTS) AND SPAY WIRES (SEE FIGURE 2)
- FOR CEILING AREAS EXCEEDING 1000 SQUARE FEET, HORIZONTAL RESTRAINT OF THE CEILING TO THE STRUCTURAL SYSTEM (LATERAL FORCE BRACING) SHALL BE PROVIDED. SOURCE: ASCE 7-05 SECTION 13.5.6.2.2 c
- LATERAL FORCE BRACING SHALL BE 12 FEET ON CENTER (MAXIMUM) AND BEGIN NO FARTHER THAN 6 FEET FROM WALLS. SOURCE: CISCA SEISMIC ZONES 3-4
- SEISMIC SPAY WIRES ARE TO BE FOUR 12 GAGE WIRES ATTACHED TO THE MAIN BEAM. WIRES ARE BRAYED 90° FROM EACH OTHER AND AT AN ANGLE NOT EXCEEDING 45° FROM THE PLANE OF THE CEILING. SOURCE: CISCA SEISMIC ZONES 3-4
- SEISMIC SPAY WIRES SHALL BE ATTACHED TO THE GRID AND TO THE STRUCTURE IN SUCH A MANNER THAT THEY CAN SUBMIT A DESIGN LOAD OF NOT LESS THAN 200 POUNDS OR THE ACTUAL DESIGN LOAD, WITH A SAFETY FACTOR OF 2, WHICHEVER IS GREATER (FIGURE 6b). SOURCE: CISCA ZONES 3-4

- "POWDER DRIVEN SHOT-IN-ANCHORS" WHEN USED FOR SEISMIC APPLICATION AS PART OF THE PRESCRIPTIVE PATH IN SEISMIC DESIGN CATEGORIES D, E AND F SHALL HAVE AN ICC-ES APPROVAL FOR SEISMIC BECAUSE OF THE INHERENTLY INCONSISTENT BEHAVIOR OF ANCHORS IRRESPECTIVE OF THE TYPE OF OCCUPANCY CATEGORY THE STRUCTURE IS IN. ANCHORS FOR KICKER WIRES (SPRAYED WIRES INSTALLED FOR PURPOSES OTHER THAN SEISMIC RESTRAINT) ARE EXEMPT FROM REQUIREMENT. SOURCE: STATE OF OREGON, BUILDING CODES DIVISION.

- SPRAY WIRES ARE TO BE WITHIN 2 INCHES OF THE CONNECTION OF THE VERTICAL STRUT TO SUSPENDED CEILING. SOURCE: CISCA SEISMIC ZONES 3-4
- RIGGED BRACING MAY BE USED IN LIEU OF SPAY WIRES. SOURCE: ASCE SECTION 13.5.6.2.2 c
- CEILINGS WITH PLENUMS LESS THAN 12 INCHES TO STRUCTURE ARE NOT REQUIRED TO HAVE LATERAL FORCE BRACING. SOURCE: PORTLAND BUILDING DEPARTMENT
- VERTICAL STRUTS MUST BE POSITIVELY ATTACHED TO THE SUSPENSION SYSTEMS AND THE STRUCTURE ABOVE. SOURCE: CISCA 3-4
- THE VERTICAL STRUT MAY BE EMT CONDUIT, METAL STUDS OR A PROPRIETARY COMPRESSION POST (SEE FIGURE 3)
- CEILINGS WITH INTERSTITIAL SPACES LESS THAN 12 INCHES TO FRAMING ARE NOT REQUIRED TO HAVE LATERAL FORCE BRACING

WALL MOLDINGS (FIGURES 4b AND 4b)

- WALL MOLDINGS (PERIMETER CLOSURE ANGLES) ARE REQUIRED TO HAVE A HORIZONTAL FLANGE 2 INCHES DEEP. ONE END OF THE CEILING GRID SHALL BE ATTACHED TO THE WALL MOLDING. THE OTHER END SHALL HAVE A 3/4 INCH CLEARANCE FROM THE WALL AND FREE TO SLIDE. SOURCE: ASCE 7-05 SECTION 13.5.6.2.2 a
- WHERE SUBSTANTIATING DOCUMENTATION HAS BEEN PROVIDED TO THE LOCAL JURISDICTION, PERIMETER CLIPS MAY BE SUED TO SATISFY THE REQUIREMENTS FOR THE 2-INCH CLOSURE ANGLE. SOURCE: STATE OF OREGON, BUILDING CODES DIVISION
- THE GRID SHALL BE ATTACHED AT TWO ADJACENT WALLS (POP RIVETS OR APPROVED METHOD). SOFFITS EXTENDING TO A POINT AT LEAST LEVEL WITH THE BOTTOM PLANE OF THE GRID AND INDEPENDENTLY SUPPORTED AND LATERALLY BRACED TO THE STRUCTURE ABOVE ARE DEEMED TO BE EQUIVALENT TO WALLS. SOURCE: STATE OF OREGON, BUILDING CODES DIVISION

SPREADER BARS (FIGURE 4b)

- SPREADER (SPACER) BARS SHALL BE USED TO PREVENT THE ENDS OF THE MAIN BEAMS AND CROSSES TEES AT PERIMETER WALLS FROM SPREADING OPEN DURING A SEISMIC EVENT. PERIMETER WIRES SHALL NOT BE IN LIEU OF SPREADER BARS. SOURCE: CISCA SEISMIC ZONES 3-4
- SPREADER BARS ARE NOT REQUIRED AT PERIMETERS WHERE RUNNERS ARE ATTACHED DIRECTLY TO CLOSURE ANGLES.
- WIRE TYING IS AN ACCEPTABLE ALTERNATIVE TO SPREADER BARS.
- SPREADER BARS ARE NOT REQUIRED IF A 90 DEGREE INTERSECTING CROSSES OR MAIN IS WITHIN 8 INCHES OF THE PERIMETER WALL.
- WHERE SUBSTANTIATING DOCUMENTATION HAS BEEN PROVIDED TO THE LOCAL JURISDICTION, PERIMETER CLIPS MAY BE USED TO SATISFY THE REQUIREMENTS FOR SPREADER BARS. SOURCE: STATE OF OREGON, BUILDING CODES DIVISION

2

NO SCALE

HANGER (SUSPENSION) WIRES (FIGURES 5a AND 5b)

- HANGER AND PERIMETER WIRES MUST BE PLUMB WITHIN 1 IN 6 UNLESS (FIGURE 5a) COUNTER SLOPING WIRES ARE PROVIDED (FIGURE 5b). SOURCE: ASTM C 636 SECTION 2.1.4
- HANGER WIRES SHALL BE 1/2 GAGE AND SPACED 4 FEET ON CENTER OR 1/0 GAGE SPACED 5 FEET ON CENTER. SOURCE: ASTM C 636
- ANY CONNECTION DEVICE AT THE SUPPORTING CONSTRUCTION SHALL BE CAPABLE OF CARRYING NOT LESS THAN 100 POUNDS. SOURCE: CISCA ZONES 3-4
- POWDER DRIVEN SHOT-IN-ANCHORS ARE AN APPROVED METHOD OF ATTACHMENT FOR HANGER WIRES. SOURCE: STATE OF OREGON, BUILDING CODES DIVISION
- TERMINAL ENDS OF EACH MAIN BEAM AND CROSS TEE MUST BE SUPPORTED WITHIN 8 INCHES OF EACH WALL WITH A PERIMETER WIRE (SEE FIGURE 4 & 5b). SOURCE: CISCA ZONES 3-4
- WIRES SHALL NOT ATTACH TO OR BEND AROUND INTERFERING MATERIAL OR EQUIPMENT. A TRAPEZE OR EQUIVALENT DEVICE SHALL BE USED WHERE OBSTRUCTIONS PRECLUDE DIRECT SUSPENSION. TRAPEZE SUSPENSIONS SHALL BE A MINIMUM OF BACK-TO-BACK 1-1/4" COLD-ROLLED CHANNELS FOR SPANS EXCEEDING 48 INCHES. SOURCE: CISCA ZONES 3-4

ELECTRICAL FIXTURES

- LIGHT FIXTURES WEIGHING LESS THAN 10 POUNDS SHALL HAVE ONE 1/2 GAGE HANG WIRE CONNECTED FROM THE FIXTURE TO THE STRUCTURE ABOVE. THIS WIRE MAY BE SLACK. SOURCE: CISCA SEISMIC ZONES 3-4
- LIGHT FIXTURES WEIGHING MORE THAN 10 POUNDS AND LESS THAN 56 LBS. SHALL HAVE TWO 1/2 GAGE WIRES ATTACHED AT OPPOSING CORNERS OF THE LIGHT FIXTURE TO THE STRUCTURE ABOVE. THESE WIRES MAY BE SLACK. SOURCE: CISCA SEISMIC ZONES 3-4
- LIGHT FIXTURES WEIGHING MORE THAN 56 LBS. SHALL BE SUPPORTED BY DIRECTLY FROM THE STRUCTURE ABOVE. THESE WIRES MUST BE TAUT. SOURCE: CISCA SEISMIC ZONES 3-4
- PENDANT MOUNTED FIXTURES SHALL BE DIRECTLY SUPPORTED FROM THE STRUCTURE ABOVE USING A 9 GAGE WIRE OR AN APPROVED ALTERNATE SUPPORT WITHOUT USING THE CEILING SUSPENSION SYSTEM FOR DIRECT SUPPORT. SOURCE: CISCA SEISMIC ZONES 3-4
- TANDEM FIXTURES MAY UTILIZE COMMON WIRES.

MECHANICAL SERVICES

- TERMINALS OR SERVICES WEIGHING 20 LBS, BUT NOT MORE THAN 56 LBS, MUST HAVE TWO 1/2 GAGE WIRES CONNECTING THEM TO THE CEILING SYSTEM HANGERS OR THE STRUCTURE ABOVE. THESE WIRES MAY BE SLACK. SOURCE: CISCA SEISMIC ZONES 3-4
- TERMINALS OR SERVICES WEIGHING MORE THAN 56 LBS, MUST BE INDEPENDENTLY SUPPORTED DIRECTLY FROM THE STRUCTURE ABOVE. THESE WIRES MUST BE TAUT. SOURCE: CISCA SEISMIC ZONES 3-4

SEISMIC SEPARATION JOINTS (FIGURE 7)

- FOR CEILING AREAS EXCEEDING 2,500 SQUARE FEET, A SEISMIC SEPARATION JOINT OR FULL HEIGHT WALL PARTITION THAT BREAKS THE CEILING GRID SHALL BE PROVIDED UNLESS ANALYSES ARE PERFORMED OF THE CEILINGS BRACING SYSTEM, CLOSURE ANGLES AND PENETRATIONS TO PROVIDE SUFFICIENT CLEARANCE. SOURCE: ASCE 7-05 SECTION 13.5.6.2.2 a
- THE LAYOUT AND LOCATION OF THE SEISMIC SEPARATION JOINT SHALL BE PER THE DESIGNER OF RECORD AND NOTED ON THE PLANS. IF A SEISMIC SEPARATION JOINT IS REQUIRED BY THE DESIGNER, THE DESIGNER MAY USE THE GENERIC JOINT DETAIL IN THIS DOCUMENT OR A PROPRIETARY JOINT. THE AMOUNT OF FREE MOVEMENT (GAP DESIGN) SHALL BE A MINIMUM OF 3/4 INCH. SOURCE: STATE OF OREGON, BUILDING CODES DIVISION.
- IN LIEU OF SEISMIC SEPARATION JOINTS, THE CEILING MAY BE DIVIDED INTO AREAS LESS THAN 2500 SQUARE FEET BY THE USE OF PARTITIONS OR SOFFITS AS FOLLOWS: PARTITIONS SHALL EXTEND A MINIMUM OF 6 INCHES ABOVE THE LEVEL OF THE PLANE OF THE GRID AND SHALL BE INDEPENDENTLY BRACED TO THE STRUCTURE ABOVE. SOFFITS SHALL EXTEND TO A POINT AT LEAST LEVEL WITH THE BOTTOM PLANE OF THE GRID AND SHALL BE INDEPENDENTLY SUPPORTED AND LATERALLY BRACED TO THE STRUCTURE ABOVE. SOURCE: STATE OF OREGON, BUILDING CODES DIVISION
- OTHER THAN PARTITIONS AND SOFFITS, SEISMIC JOINTS MAY NOT BE USED AS PART OF A FIRE RATED CEILING ASSEMBLY UNLESS SUBSTANTIATING DOCUMENTATION IS PROVIDED. SOURCE: STATE OF OREGON BUILDING CODES DIVISION.

SUSPENSION SYSTEMS FOR ACOUSTICAL LAY-IN CEILINGS

4.0 ALTERNATE CEILING FRAMING

FOR LIMITED CEILING WIDTHS, ALTERNATE FRAMING CONSISTING OF FURRING CHANNEL OR METAL JOIST SECTIONS MAY BE INSTALLED AS A SIMPLE SPAN BETWEEN RUNNERS ATTACHED TO OPPOSITE WALLS. THIS SYSTEM MAY BE USED ON CEILING THAT DO NOT REQUIRE PENETRATIONS LARGE ENOUGH TO INTERRUPT THE FRAMING, AND DO NOT CARRY HEAVY FIXTURE LOADS.

4.1 MATERIAL:

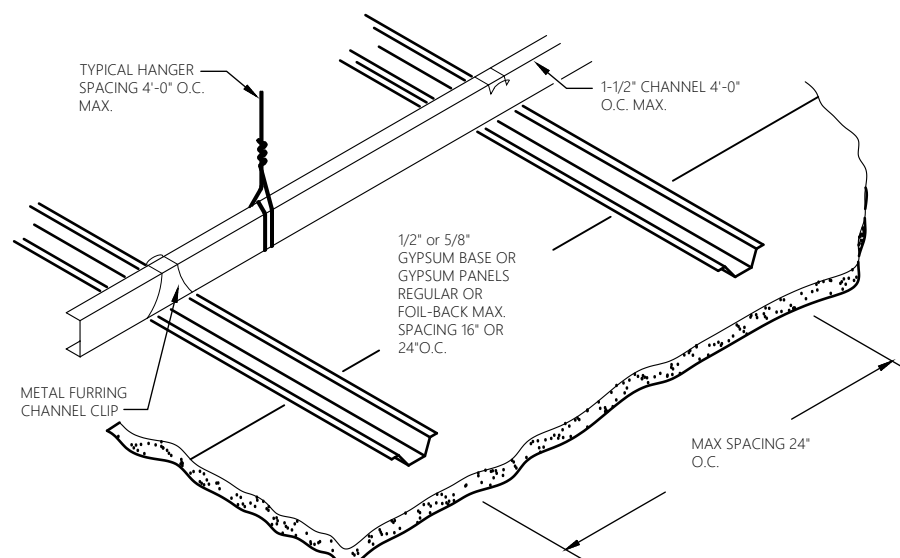
- 4.1.1 RUNNERS: SHALL BE THE SAME SIZE AND GAUGE AS FRAMING MEMBERS. ANGEL RUNNER MAY BE USED TO SUPPORT HAT CHANNEL FRAMING
  - 4.1.2 FRAMING: THE FOLLOWING TABLE LISTS THE MAXIMUM SINGLE SPAN FOR FRAMING MEMBERS INSTALLED AT 16" OR 24" OC TO RECEIVE SINGLE LAYER CEILING PANELS.
- | MEMBERS                  | MAX. SINGLE SPAN |
|--------------------------|------------------|
| 7/8" X 25 GA HAT CHANNEL | 4'-0"            |
| 1-5/8" X 25 GA C SECTION | 5'-0"            |
| 2-1/2" X 25 GA C SECTION | 6'-0"            |
| 3-1/2" X 25 GA C SECTION | 8'-0"            |

4.2 INSTALLATION:

- 4.2.1 ATTACH RUNNERS TO WALLS WITH 2 FASTENERS AT EACH WALL STUD
- 4.2.2 CUT FRAMING MEMBERS TO WITHIN 1/4" OF CEILING WIDTH
- 4.2.3. ATTACH FRAMING TO RUNNERS WITH SCREWS AT BOTH TOP AND BOTTOM FLANGES

5.0 FINISHING

- 5.1 APPLICATION OF PANELS AND FINISHING SHALL BE IN ACCORDANCE WITH THE APPROPRIATE RELATED SPECIFICATION.



SPRINKLERS

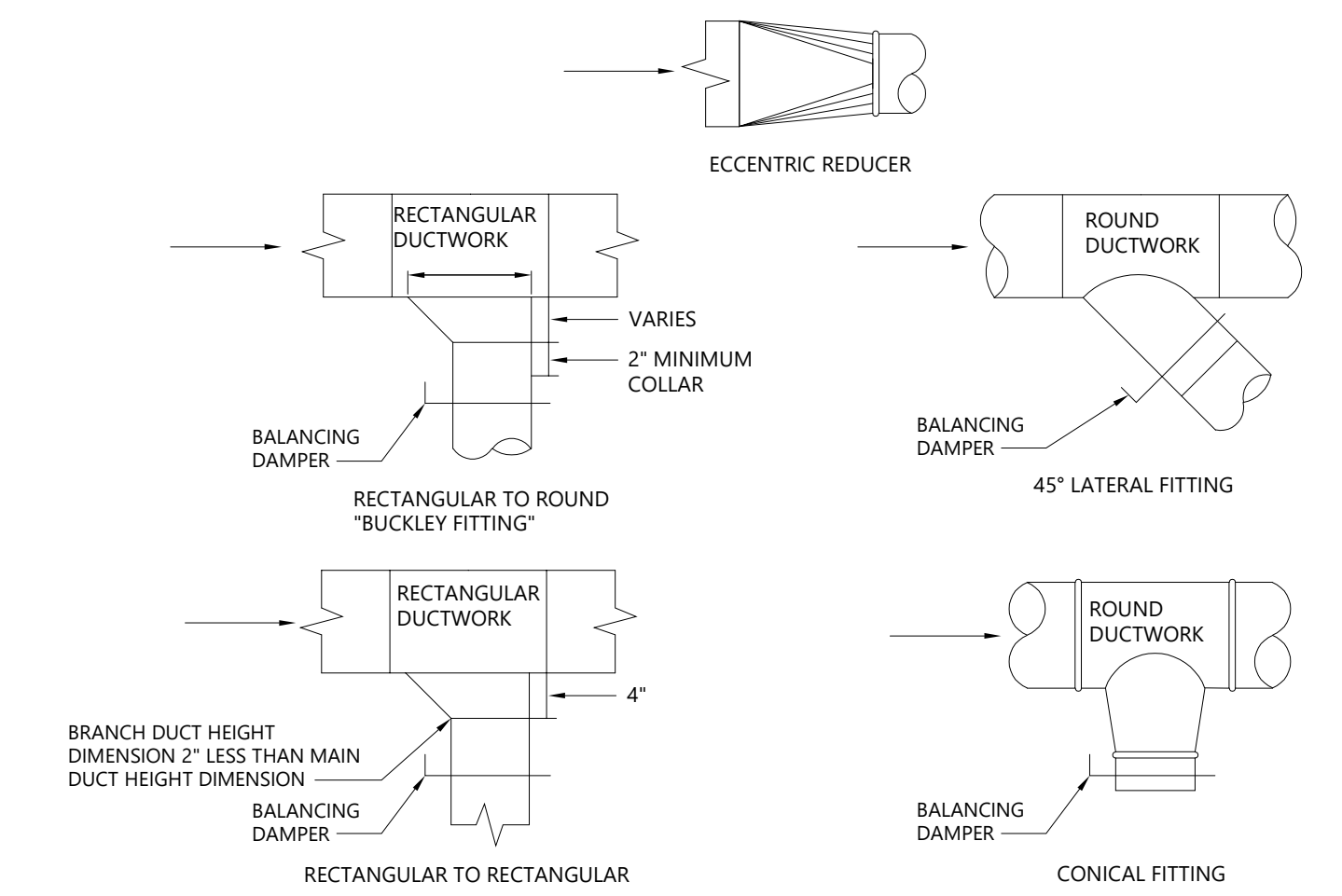
FOR CEILING WITHOUT RIGID BRACING, SPRINKLER HEAD PENETRATIONS SHALL HAVE A 2 INCH MOVEMENT OF AT LEAST 1 INCH IN ALL HORIZONTAL DIRECTIONS. FLEXIBLE HEAD DESIGN THAT CAN ACCOMMODATE 1 INCH FIRE MOVEMENT SHALL BE PERMITTED AS AN ALTERNATE. SOURCE: ASCE 7-05 13.5.6.2.2 a

GLOSSARY FOR THIS DOCUMENT (REGIONAL TERMINOLOGY MAY VARY)

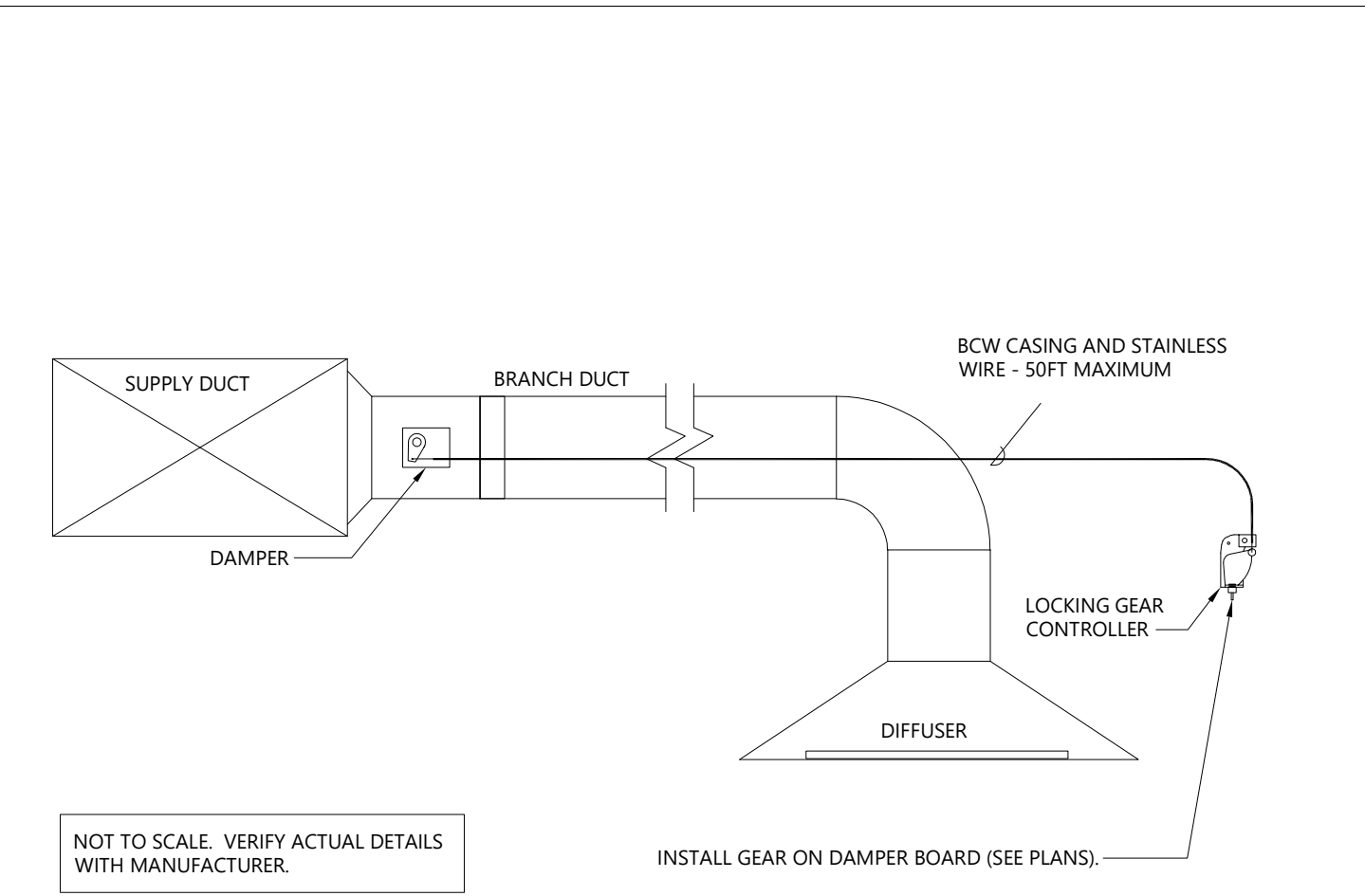
CROSS TEES THE CROSS MEMBER THAT INTERLOCK WITH THE MAIN BEAMS, ALSO KNOWN AS CROSS RUNNERS OR CROSS T-BARS	LATERAL FORCE BRACING THE BRACING METHOD USED TO PREVENT CEILING UPLIFT OR RESTRICT LATERAL MOVEMENT DURING A SEISMIC EVENT. LATERAL FORCE BRACING CONSISTS OF VERTICAL STRUTS AND SPAY WIRES	PERIMETER WIRES HANGER WIRES PLACED WITHIN EIGHT INCHES OF THE SURROUNDING WALLS
DIFFUSER A CIRCULAR OR RECTANGULAR METAL GRILL USED FOR THE PASSAGE OF AIR FROM A DUCTED SYSTEM	MAIN BEAM THE PRIMARY SUSPENSION MEMBER SUPPORTED BY HANGER WIRES, ALSO KNOWN AS THE MAIN RUNNER, CARRYING TILE, CARRYING RUNNER OR MAINS	PLENUM THE SPACE ABOVE A SUSPENDED CEILING
GRID THE MAIN BEAMS AND CROSSES OF THE SUSPENSION SYSTEM	MODING/CLOSURE ANGLE A LIGHT GAUGE METAL ANGLE OR CHANNEL FASTENED TO THE PERIMETER WALL OR PARTITION TO SUPPORT THE PERIMETER CEILING OR AN ACOUSTICAL CEILING GRID	SLACK WIRE A 12 GAUGE WIRE THAT IS NOT TIGHT OR TAUT
GRID THE MAIN BEAMS AND CROSSES OF THE SUSPENSION SYSTEM	PERIMETER CLIPS PROPRIETARY ANGLE BRACKET ATTACHED DIRECTLY TO THE WALL MOLDING/CLOSURE ANGLE WHICH ALLOWS FOR 3/4" MOVEMENT IN THE EVENT OF SEISMIC ACTIVITY AND INTERLOCKS PROPERLY WITH ENDS OF GRID SYSTEM	SPREADER OR SPACER BAR A BAR WITH NOTCHES TO PROVIDE THE SUSPENSION SYSTEM FROM SEPARATING, ALSO CALLED A STABILIZER BAR
HANGER WIRE 10 OR 12 GAGE SOFT ANNEALED WIRE USED AS THE PRIMARY SUPPORT FOR THE GRID SYSTEM. ALSO CALLED SUSPENSION WIRES	VERTICAL STRUTS THE RIGID VERTICAL MEMBER USED LATERAL BRACKET ATTACHED DIRECTLY TO THE WALL MOLDING/CLOSURE ANGLE WHICH ALLOWS FOR 3/4" MOVEMENT IN THE EVENT OF SEISMIC ACTIVITY AND INTERLOCKS PROPERLY WITH ENDS OF GRID SYSTEM	SPRAY WIRES WIRES INSTALLED AT AN ANGLE RATHER THAN PERPENDICULAR TO THE GRID

UPGRADING OF EXISTING CEILINGS

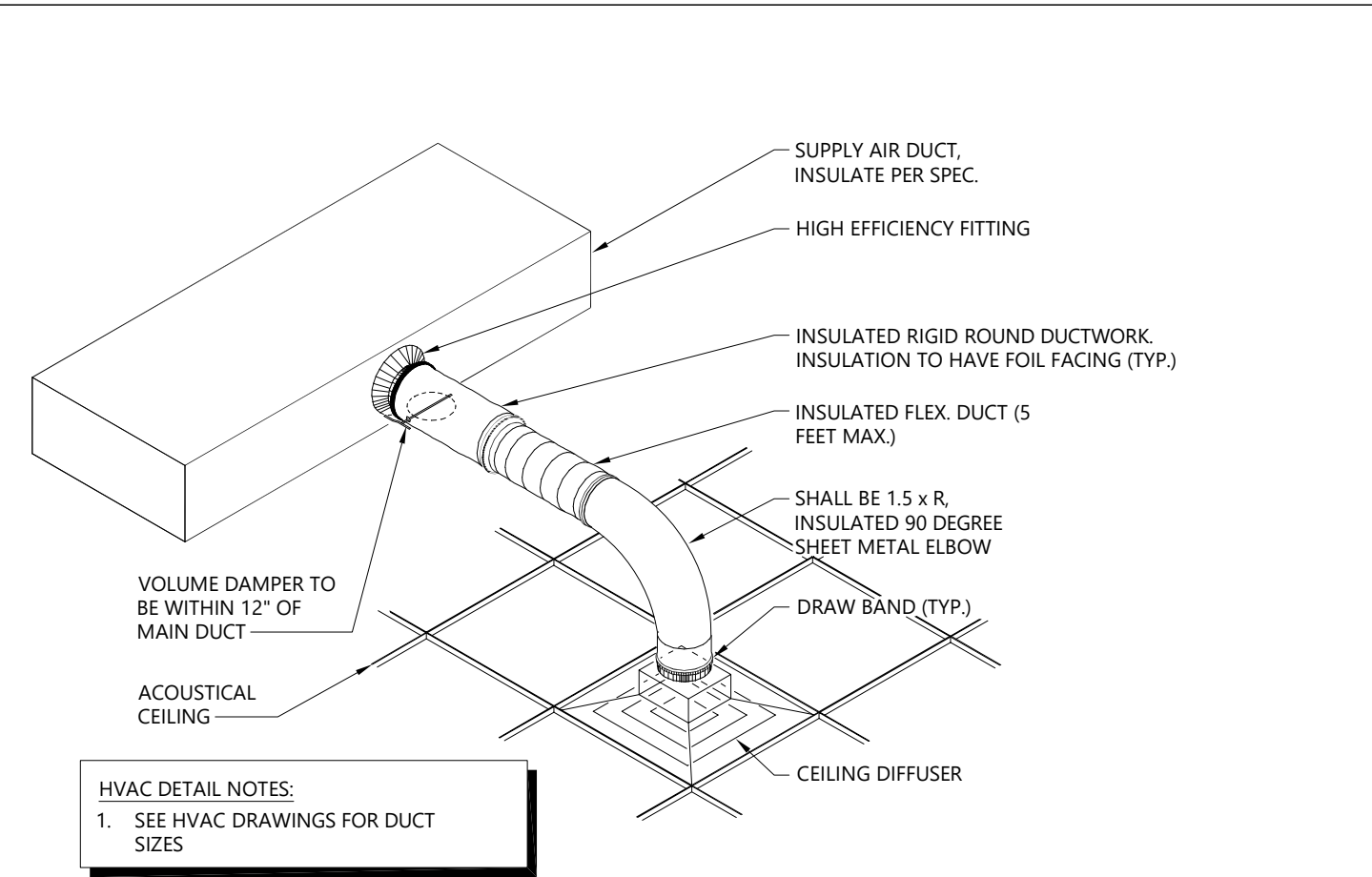
- CEILINGS WITHOUT SEISMIC BRACING, WHERE EXISTING CEILINGS ARE WITHOUT SEISMIC BRACING, THE CEILING SYSTEM SHALL BE BROUGHT INTO SUBSTANTIAL COMPLIANCE WITH CURRENT CODE REQUIREMENTS WHEN 50% OR MORE OF THE CEILING TILE IS ALTERED, REPAIRED OR REPLACED AS PART OF A GENERAL SPACE ALTERATION, OR IF ALL OF THE CEILING SYSTEM IS REMOVED.
- SUBSTANTIAL COMPLIANCE MEANS INSTALLATION OF THE FOLLOWING ITEMS WHERE REQUIRED IN NEW CONSTRUCTION:
  - LATERAL FORCE BRACING (SPAYED WIRES)
  - COMPRESSION STRUTS
  - SLACK WIRES ON ALL LIGHT FIXTURES AND AIR TERMINALS
- THIS REQUIREMENT DOES NOT TRIGGER THE NEED FOR:
  - 2 INCH CLOSURE ANGLE AS SPECIED IN SECTION II
  - SEISMIC SEPARATION JOINTS
  - 1 INCH MOVEMENT IN ALL DIRECTIONS AROUND SPRINKLER PENDANTS
- THESE UPGRADES ARE NOT REQUIRED WHEN:
  - REMOVING PORTIONS OF TILES OR PANELS AND/OR GRID TO ALTER DUCTWORK, SPRINKLER PIPE, ETC.
  - PORTIONS OF A CEILING ARE REMOVED ONLY TO FACILITATE THE INSTALLATION OF SPRINKLER PIPING
- CEILINGS WITHOUT COMPRESSION STRUTS: WHERE EXISTING CEILINGS HAVE SEISMIC BRACING BUT DO NOT HAVE COMPRESSION STRUTS AT THE CENTER OF THE SPAYED WIRES, THE ADDITION OF COMPRESSION STRUTS WILL ONLY BE REQUIRED WHEN AND WHERE THE GRID IS REPLACED, ALTERED, RAISED OR LOWERED.



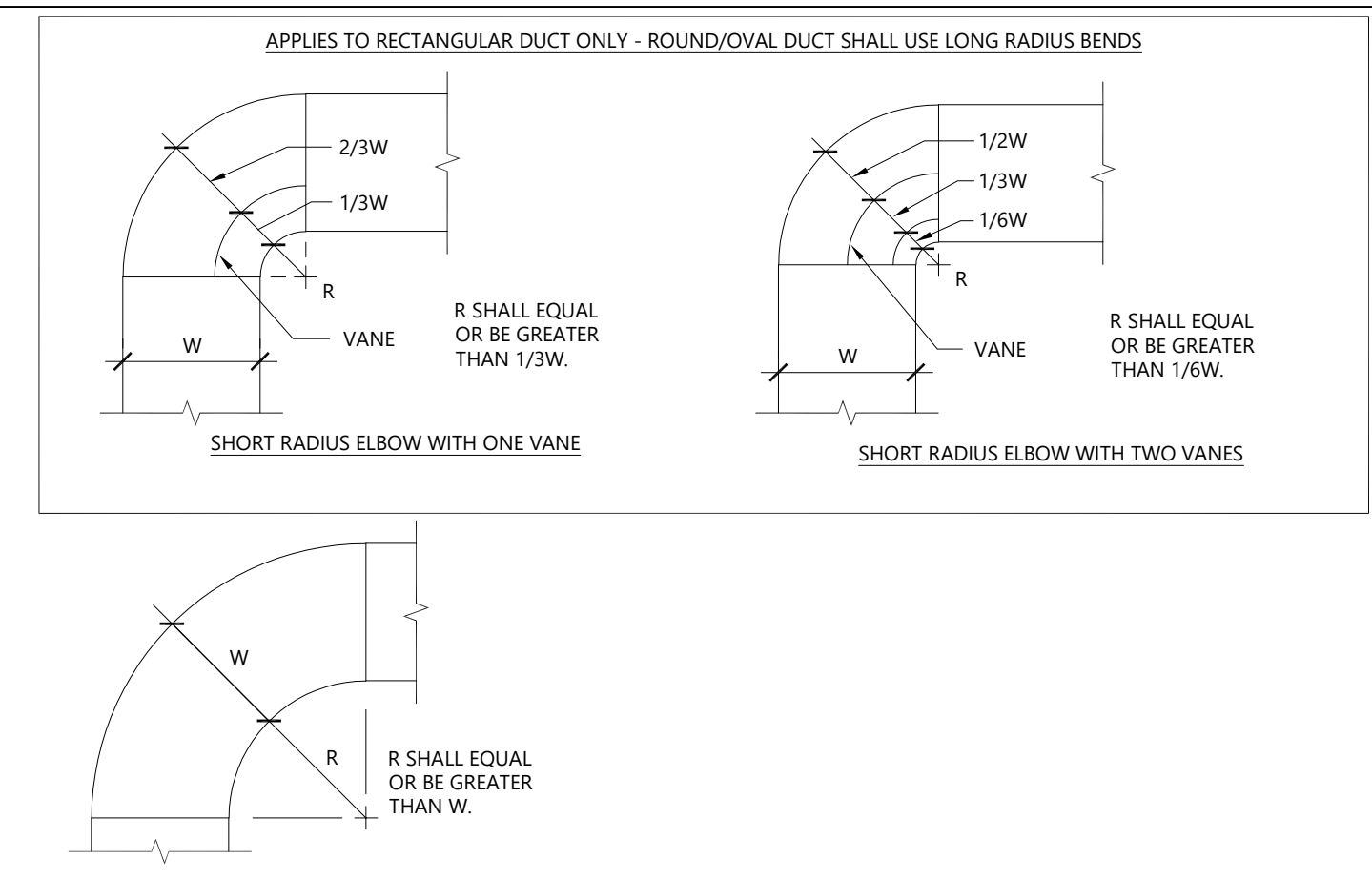
**A** DUCT BRANCH TAKE-OFF DETAIL  
SCALE: NONE



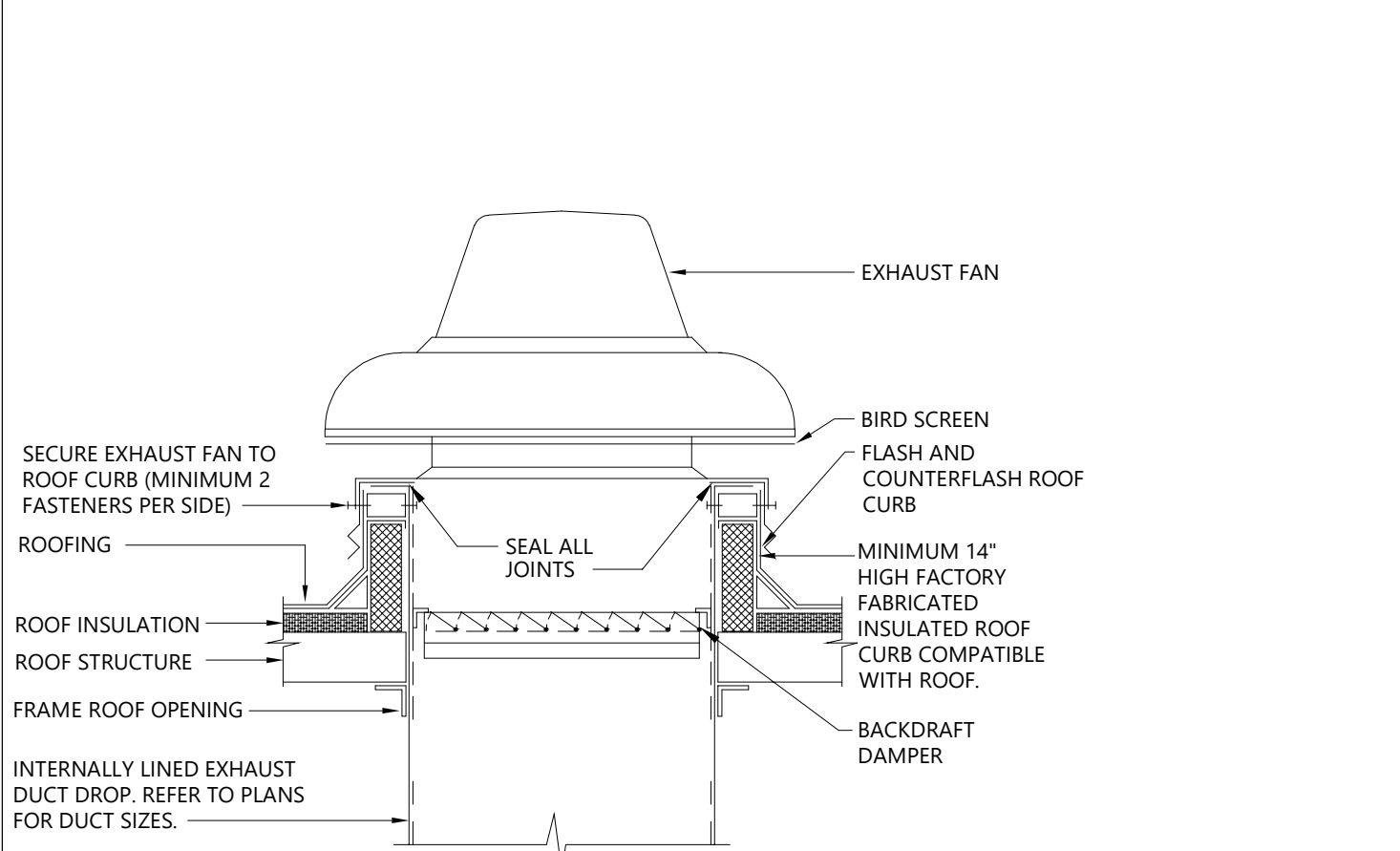
**B** YOUNG REGULATOR INSTALLED ON BOARD  
SCALE: NONE



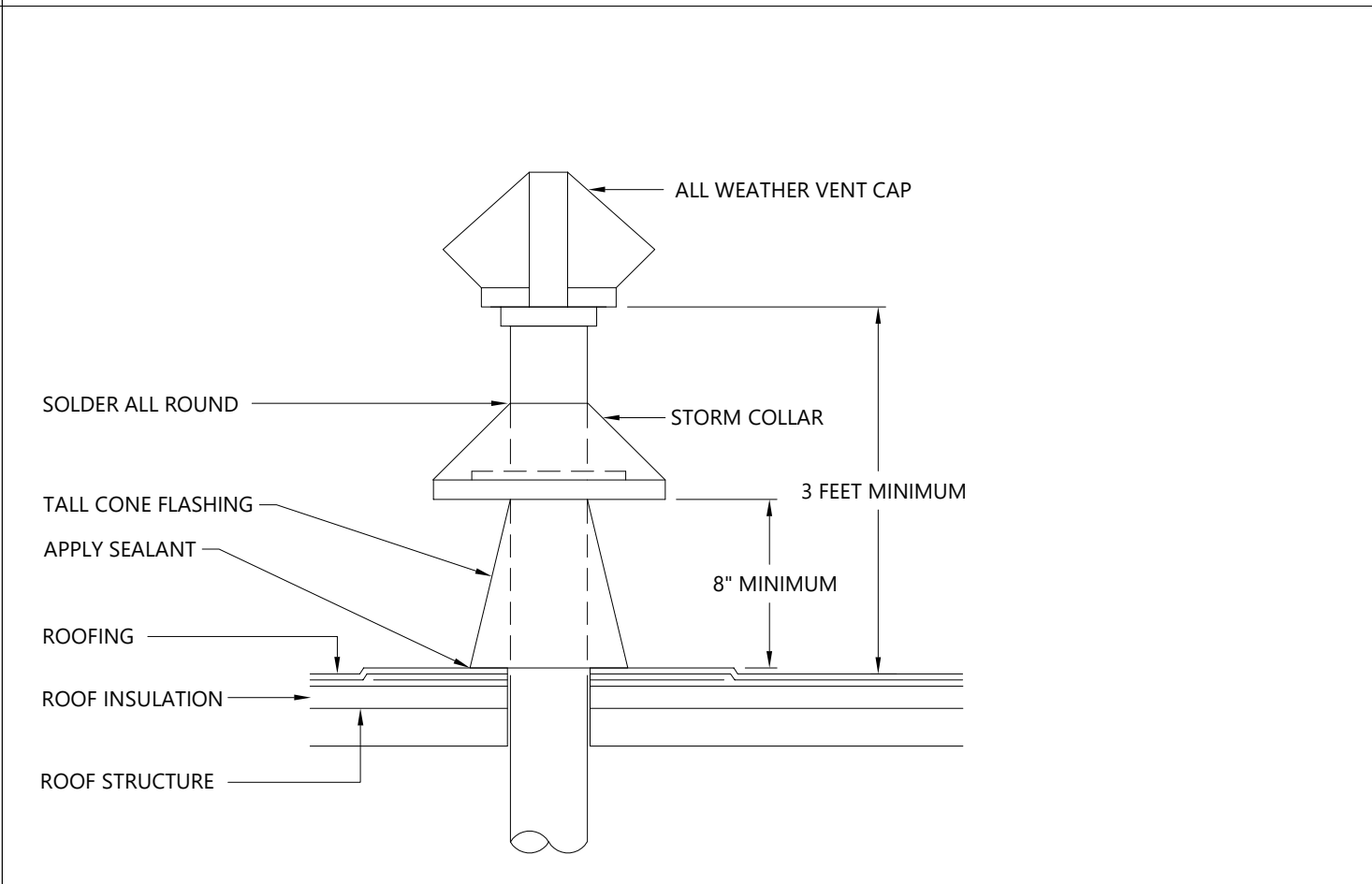
**C** DUCT CONNECTION DETAIL  
SCALE: NONE



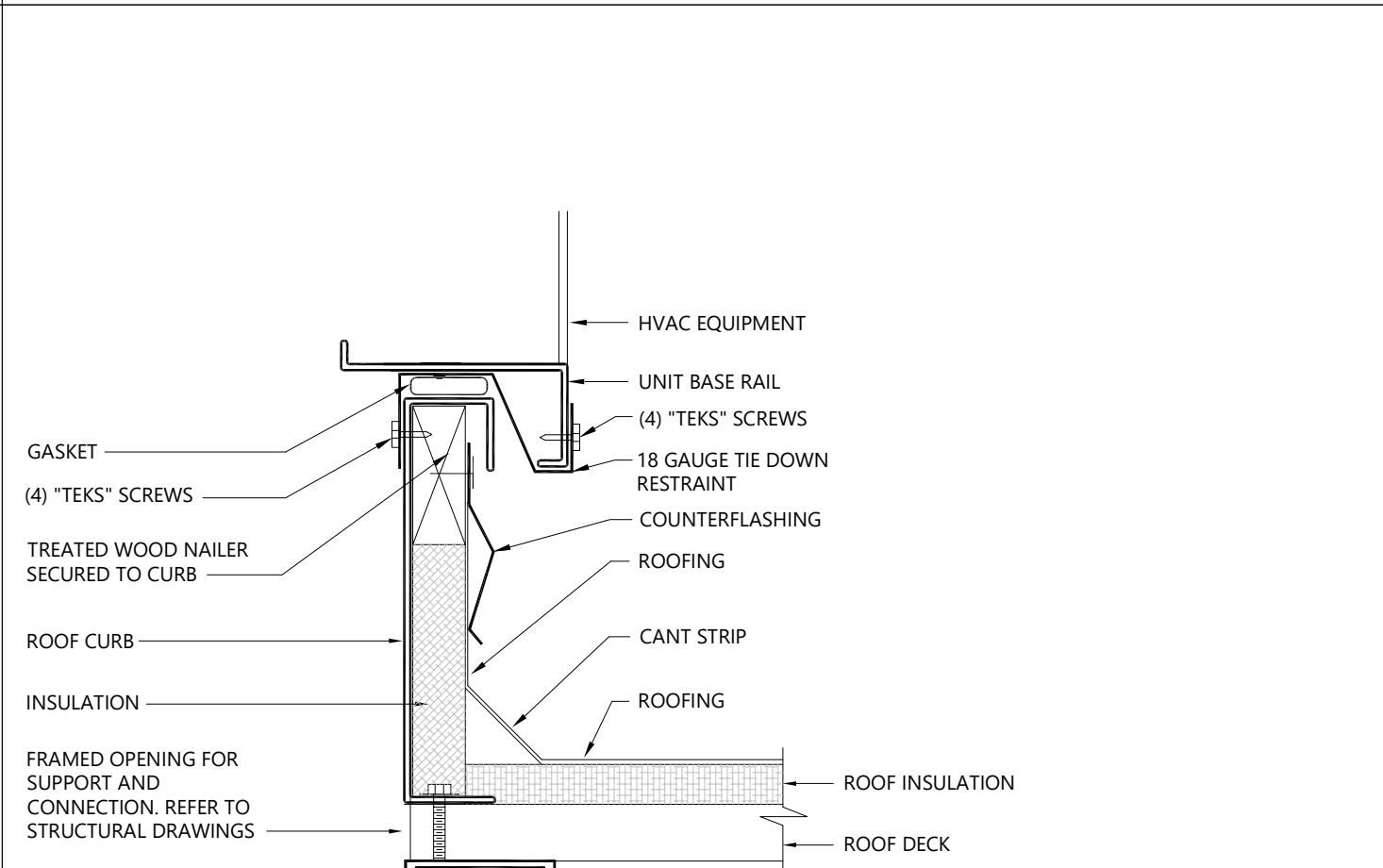
**D** RADIUS ELBOW DETAIL  
SCALE: NONE



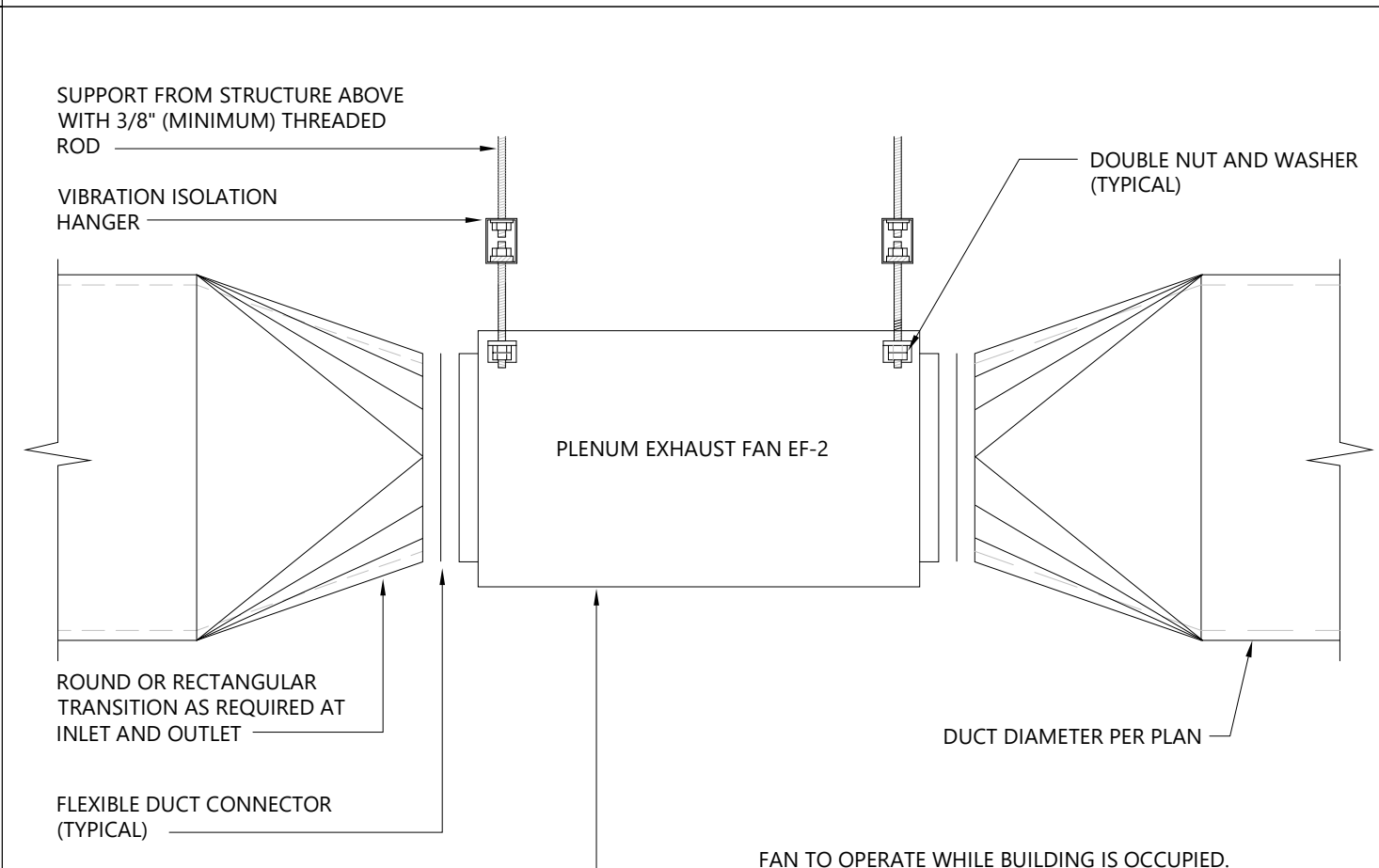
**E** ROOF MOUNTED EXHAUST FAN DETAIL  
SCALE: NONE



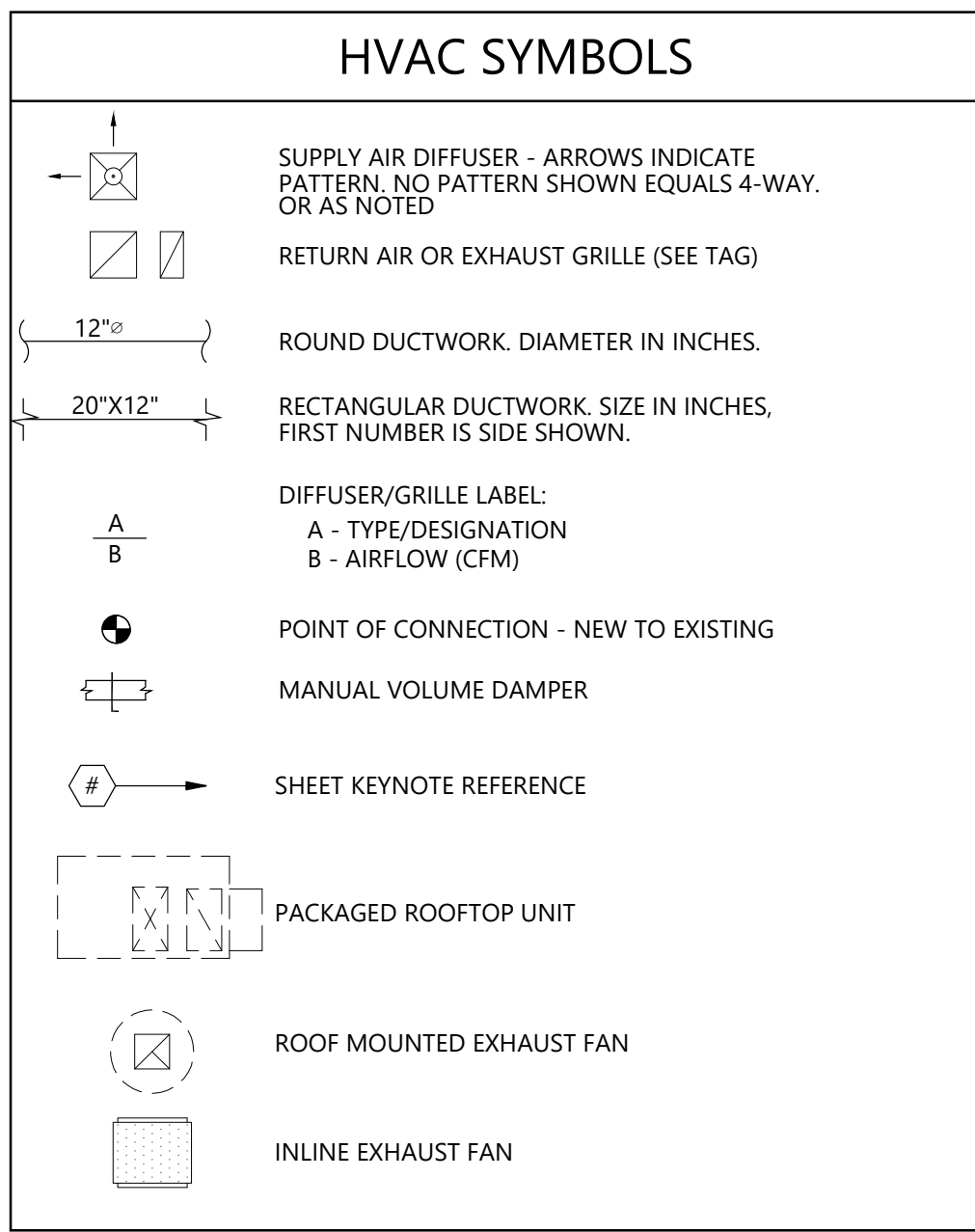
**F** VENT THROUGH ROOF DETAIL  
SCALE: NONE



**G** ROOFTOP UNIT CURB DETAIL  
SCALE: NONE



**H** INLINE CABINET FAN DETAIL  
SCALE: NONE



RESPONSIBILITY SCHEDULE (HVAC)									
	DESIGN	PERMITS	INSTALL	TESTING	RELOCATE	REPAIR	REMARKS		
	GC	GC	GC	GC	GC	GC	GC	T =	TENANT
	GC	GC	GC	GC	GC	GC	GC	GC =	GENERAL CONTRACTOR
	GC	GC	GC	GC	GC	GC	GC	LL =	LANDLORD
	GC	GC	GC	GC	GC	GC	GC	MW =	MILLWORKER
	GC	GC	GC	GC	GC	GC	GC	N/A =	NOT APPLICABLE
DIVISION 15000 - MECHANICAL									
ACCESS PANELS	GC	GC	GC	GC	GC	GC	GC	COORDINATE WITH TRADES FOR SIZE AND LOCATION.	
ROOF WORK	GC	GC	GC	GC	GC	GC	GC	GC TO COORD. WITH LANDLORD WHEN REQUIRED	
MECHANICAL DISTRIBUTION, DUCTWORK, DIFFUSERS	GC	GC	GC	GC	GC	GC	GC		
MECHANICAL UNIT(S) & CURBS	T	GC	GC	GC	GC	GC	GC		
CONTROLS FOR MECHANICAL UNIT(S)	GC	GC	GC	GC	GC	GC	GC	WHERE LANDLORD CONTROLS ARE REQUIRED, UTILIZE LANDLORD CONTROLS CONTRACTOR AT GC'S EXPENSE	
STRUCTURAL SUPPORTS FOR ROOFTOP UNITS	GC	GC	GC	GC	GC	GC	GC	GC TO PROVIDE STRUCTURAL DESIGN FOR SUPPORT OF ROOF TOP UNITS, INCLUDING SEALED DRAWINGS AND ANY SUBMITTALS.	
TOILET ROOM EXHAUST FAN	T	GC	GC	GC	GC	GC	GC		
SMOKE DETECTORS	GC	GC	GC	GC	GC	GC	GC	MECHANICAL CONTRACTOR TO FURNISH AND INSTALL. ELECTRICAL CONTRACTOR TO MAKE FINAL CONNECTIONS	

- ### GENERAL NOTES
- THE CONTRACT DOCUMENTS REFLECT A SYSTEM DESIGNED AROUND SPECIFIC REFERENCE PRODUCTS, THE SELECTION OF WHICH HAS IMPACTED THE DESIGNS OF OTHER TRADES. IF ALTERNATE MANUFACTURERS ARE SUBMITTED OR BID, IT IS THE RESPONSIBILITY OF THIS G.C. TO COORDINATE ALL DIFFERENCES AND IMPACTS WITH ALL TRADES PRIOR TO BID, INCLUDING COSTS ASSOCIATED WITH REQUIRED CHANGES TO OTHER TRADES. NO EXTRAS WILL BE ALLOWED FOR CHANGES REQUIRED TO OTHER TRADES IF ALTERNATE EQUIPMENT IS BID OR INSTALLED AT THE G.C.'S OPTION.
  - EXISTING MECHANICAL INFORMATION IS BASED ON LIMITED EXISTING BUILDING DRAWINGS AND FIELD WORK. G.C. SHALL FIELD VERIFY THE EXISTING CONDITIONS FOR ACCURACY. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR REVISIONS TO THE DESIGN TO CORRECT FOR EXISTING CONDITIONS NOT AS INDICATED ON THE PLANS.
  - G.C. SHALL NOTIFY TENANT, ARCHITECT AND ENGINEER OF SITUATIONS THAT MODIFY OR INCREASE THE SCOPE OF WORK FROM WHAT IS DESCRIBED IN THE DOCUMENTS.
  - G.C. SHALL BE RESPONSIBLE FOR ALL CUTTING/PATCHING RELATED TO THEIR WORK.
  - IF SPACE ABOVE CEILING IS INDICATED TO BE A RETURN AIR PLENUM, CONSTRUCTION MATERIALS ABOVE CEILING SHALL BE NON-COMBUSTIBLE, OR HAVE A MAXIMUM 25 FLAME SPREAD AND 50 SMOKE DEVELOPMENT FINISH RATING. WIRING SHALL BE LABELED PLENUM RATED TYPE PER NFPA 70.
  - COORDINATE LOCATION AND ELEVATION OF MECHANICAL WORK WITH ALL DUCTWORK, LIGHT FIXTURES, AND OTHER CEILING BUILT-IN FIXTURES. CONTACT ENGINEER OR ARCHITECT IMMEDIATELY SHOULD CONFLICT ARISE.
  - MOUNTING OF ALL EQUIPMENT, DUCTWORK AND PIPING SHALL BE DONE PER BUILDING GUIDELINES AND LOCAL CODES AND INDUSTRY STANDARDS. COORDINATE INSTALLATION OF EQUIPMENT SUPPORT WITH BUILDING MANAGER AND NEXTORE REPRESENTATIVE.
  - NO PVC PIPING ALLOWED IN PLENUM AREAS.
  - DUCT SIZES INDICATED REPRESENT CLEAR INTERIOR SHEET METAL DIMENSIONS.
  - DUCTWORK CONCEALED ABOVE CEILINGS, AND ALL OUTSIDE AIR DUCTS, SHALL BE EXTERNALLY INSULATED. DUCTWORK INSTALLED IN NON-CONDITIONED SPACES SHALL BE INSULATED WITH 2" FIBERGLASS INSULATION AND VAPOR BARRIER.
  - BRANCH DUCTS SERVING DIFFUSERS SHALL BE SIZED TO MATCH DIFFUSER NECK SIZE INDICATED.
  - ROUND DUCT ELBOWS SHALL BE LONG SWEEP, 1-1/2 TIMES THE CENTERLINE RADIUS.
  - G.C. SHALL REPLACE AIR FILTERS IN HVAC UNITS WITH NEW CLEAN FILTERS BEFORE AIR BALANCING AND PRIOR TO FINAL TURNOVER TO TENANT.
  - IT IS THE G.C.'S RESPONSIBILITY TO ENSURE THAT THE MECHANICAL COMPONENTS ARE INSTALLED AT LOCATIONS AND ELEVATIONS WHICH MAKE THEM READILY AND SAFELY ACCESSIBLE FOR ROUTINE MAINTENANCE WITHOUT REQUIRING EXTRAORDINARY MEASURES.
  - TENANT RESERVES THE RIGHT TO CHECK CONSTRUCTION COMPLIANCE WITH PLANS AND SPECIFICATIONS. SHOULD TENANT FIND CORRECTIVE WORK NECESSARY, THEY WILL NOTIFY G.C. OF SUCH WORK IN WRITING AND EXPECT COMPLIANCE PERFORMED WITH DUE DILIGENCE. IF CORRECTIVE WORK IS DEEMED TO BE NECESSARY, COST OF REINSPECTIONS WILL BE BORNE BY THE G.C. IF WORK IS REQUIRED BY TENANT IN ORDER TO IMPROVE, CHANGE OR CORRECT AIR CONDITIONING OPERATIONAL CONDITIONS DUE TO: PART MALFUNCTION, WARRANTY OR OTHER INABILITY TO PROVIDE THE COMFORT CONDITIONS REQUIRED BY THE STORE. G.C. SHALL BE DIRECTED BY TENANT TO ADDRESS THIS WORK IN A TIMELY MANNER. IF IT BECOMES EVIDENT THAT G.C. CAN NOT ACCOMPLISH THE TASK, THEN AFTER 72 HOURS OF WRITTEN NOTICE, THE TENANT MAY AT THEIR DISCRETION TAKE OVER SUCH WORK AND BACK CHARGE THE G.C. FOR CORRECTIVE WORK THAT WAS REQUIRED DUE TO LACK OF PERFORMANCE, WORKMANSHIP AND/OR ADHERENCE TO PLANS AND SPECIFICATIONS.
  - DUCTWORK SHALL NOT BE ROUTED OVER ELECTRIC PANELS AND TRANSFORMER.
  - INSULATE ALL SUPPLY DUCTWORK PER APPLICABLE ENERGY/MECHANICAL CODE - MOST RESTRICTIVE TO GOVERN.

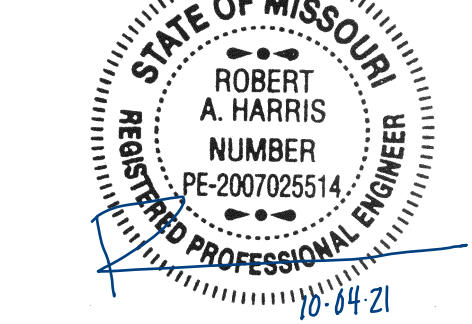
Construction for:

**LENSCRAFTERS**  
A Subsidiary of the Luxottica Group  
4000 Luxottica Place Mason, Ohio 45040

Revisions:

Mark	Date	By
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Seal



Architect Job No.:

LUX-305

Nextore Store Design Revision No.:

**REV 06**

Nextore project Number

84169

Brand Design Type:

LC06 AUGNORM

ISSUED FOR:

Construction

Title

**MECHANICAL  
DETAILS, NOTES, &  
SCHEDULES**

Date

10/01/21

Drawn By

BLH

Checked By

CLK

M001



2018 INTERNATIONAL MECHANICAL CODE TABLE 403.3.1.1 VENTILATION SUMMARY

OCCUPANCY CATEGORY	PEOPLE OUTDOOR AIR RATE - (Rp)	AREA OUTDOOR AIR RATE - (Ra)	OCCUPANCY DENSITY	OCCUPANCY CLASSIFICATION	CALCULATED OCCUPANCY DENSITY	ZONE OCCUPANCY OVERRIDE	PEOPLE EXPECTED TO OCCUPY THE ZONE - (Pz)	Rp/Pz	Ra/Az	AREA - (Az)	ZONE AIR DISTRIBUTION EFFECTIVENESS Ez	BREATHING ZONE OUTDOOR AIRFLOW - (Vbz) CFM	ZONE OUTDOOR AIRFLOW (Voz) Voz=Vbz/Ez	ZONE PRIMARY AIRFLOW (Vpz)	PRIMARY OUTDOOR AIR FRACTION (Zp) Zp=Voz/Vpz	OCCUPANT DIVERSITY RATIO (D)	UNCORRECTED OUTDOOR AIR INTAKE (Vou) CFM	SYSTEM VENTILATION EFFICIENCY Ev	CORRECTED OUTDOOR AIRFLOW (Vot) CFM	PROVIDED OUTDOOR AIRFLOW CFM							
	(CFM/PERSON)	(CFM/SQ.FT.)	P/1,000 SQ.FT.	P/1,000 SQ.FT.						SQ.FT.																	
	RTU-1																										
Sales	7.5	0.12	15	SALES	29	—	29	218	227	1892	0.8	445	556	3600	0.15		445		556								
	SYSTEM POPULATION INCLUDING DIVERSITY (Ps) =															29					MAX Zp =	0.15	1.00	445	0.80	556	600
RTU-2																											
Alcove	5.0	0.06	5	OFFICE	1	—	1	5	4	65	0.8	9	11	150	0.07		9		9								
Back of House	5.0	0.06	5	OFFICE	1	—	1	5	4	73	0.8	9	12	200	0.06		9		10								
Contacts	5.0	0.06	5	OFFICE	1	—	1	5	7	116	0.8	12	15	200	0.07		12		12								
Electrical	—	0.12	—	STORAGE	—	—	—	—	7	57	0.8	7	9	200	0.04		7		7								
Exam 1	5.0	0.06	5	OFFICE	1	—	1	5	9	146	0.8	14	17	150	0.11		14		14								
Exam 2	5.0	0.06	5	OFFICE	1	—	1	5	9	151	0.8	14	18	200	0.09		14		14								
Hall	—	0.06	—	CORRIDOR	—	—	—	—	15	243	0.8	15	18	100	0.18		15		15								
Lab	5.0	0.06	5	OFFICE	1	—	1	5	10	161	0.8	15	18	300	0.06		15		15								
Office	5.0	0.06	5	OFFICE	1	—	1	5	4	70	0.8	9	12	150	0.08		9		9								
Pretest	5.0	0.06	5	OFFICE	1	—	1	5	8	136	0.8	13	16	250	0.07		13		14								
Restrooms	—	—	—	RESTROOM	—	—	—	—	—	119	0.8	—	—	100	—		—		—								
	SYSTEM POPULATION INCLUDING DIVERSITY (Ps) =															8					MAX Zp =	0.18	1.00	117	0.97	120	300

GRILLE, REGISTER, AND DIFFUSER SCHEDULE

MARK	SDS-L	SDR-L	S-1	R-1	E-1
MANUFACTURER	TITUS	TITUS	TITUS	TITUS	TITUS
MODEL	FL-15-HT	FL-15	OMNI	360RL	OMNI
TYPE	LINEAR SLOT DIFFUSER	LINEAR SLOT RETURN	SQUARE PLAQUE DIFFUSER	LOUVERED RETURN GRILLE	SQUARE PLAQUE DIFFUSER
NECK SIZE (L"XW")	PER PLAN	PER PLAN	PER PLAN	22"X10"	PER PLAN
FACE SIZE (L"XW")	(1) SLOT L=LENGTH	(1) SLOT L=LENGTH	24"X24"	24"X12"	12"X12"
FRAME TYPE	LAY-IN	LAY-IN	LAY-IN	LAY-IN	LAY-IN
FINISH	PER ARCHITECT	PER ARCHITECT	PER ARCHITECT	PER ARCHITECT	PER ARCHITECT
NOISE CRITERIA LEVEL	<30	<30	<30	<30	<30
ACCESSORIES	LSP	LS LSP			OBD TRM
NOTES	1,2	1,2,3			
ACCESSORIES: LS-LIGHT SHIELD, LSP-INSULATED LINEAR SLOT PLENUM, OBD-OPPOSED BLADE DAMPER, TRM-RAPID MOUNT SHEETROCK FRAME					
NOTES: 1) PROVIDE YOUNG REGULATOR TO CONTROL BALANCING DAMPER. LOCATE CONTROLLER ABOVE CEILING AT DAMPER BOARD. 2) PROVIDE ALL END CAPS WITH BORDERS AND MOUNTING HARDWARE AS REQUIRED FOR COMPLETE INSTALLATION. 3) PROVIDE INSULATED LINEAR SLOT PLENUM WHERE SHOWN ON PLAN.					

EXHAUST AND VENTILATION FAN SCHEDULE  
(FURNISHED BY NEXTORE)

MARK (EF-#)	1	2
MANUFACTURER	COOK	COOK
MODEL	90C17DL(VF)	GN-642
TYPE	CENTRIFUGAL DOWNBLAST	INLINE
DRIVE TYPE	DIRECT	DIRECT
PERFORMANCE		
AIR FLOW (CFM)	200	500
EXT. STATIC (IN W.C.)	0.375	0.375
FAN SPEED (RPM)	1,296	1,500
ELECTRICAL		
VOLTS/Ø/HZ	120/1/60	120/1/60
FAN MOTOR WATTS	20	165
ACCESSORIES	BD,BS,DS,FSC,RC	BD,DS,FSC
APPROX. WEIGHT (LBS)	50	40
SERVES	RESTROOMS	SALES
NOTES	1	1,2

BD-BACKDRAFT DAMPER, BS-BIRD SCREEN, DS-PRE-WIRED DISCONNECT SWITCH, FSC-FACTORY MOUNTED AND WIRED FAN SPEED CONTROL, RC-14" ROOF CURB

- NOTES:  
1) FAN SHALL OPERATE CONTINUOUSLY DURING OCCUPIED HOURS. INTERLOCK WITH TIME CLOCK.  
2) TRANSFER FAN FOR HEAT DISSIPATION OFF TOP OF VIDEO WALLS.

ROOFTOP UNIT SCHEDULE (FURNISHED BY NEXTORE)

MARK (RTU-#)		
MANUFACTURER	TRANE	TRANE
MODEL	YHD150G3RL	YHC060F3RL
AIR FLOW (CFM)	5,250	2,000
OA FLOW (CFM)	600	300
AMBIENT OAT (°F)	100	100
EXTERNAL STATIC (IN. W.C.)	0.8	0.8
DX COOLING COIL		
EAT (FDB/WB)	79.0/64.2	79.6/64.8
TOTAL (BTU/HR)	139,970	57,770
SENSIBLE (BTU/HR)	109,340	46,980
GAS HEAT		
FUEL	NATURAL GAS	NATURAL GAS
INPUT (BTU/HR)	150,000	60,000
OUTPUT (BTU/HR)	120,000	49,000
ELECTRICAL		
VOLTS/Ø/HZ	208/3/60	208/3/60
MOTOR HP	3	1
UNIT MCA	66	30
MOCP AMPS	80	45
APPROX. WEIGHT (LBS)	2,750	1,100
EER (SEER)	12.1	(15.0)
NOTES	1-14	1-11,15

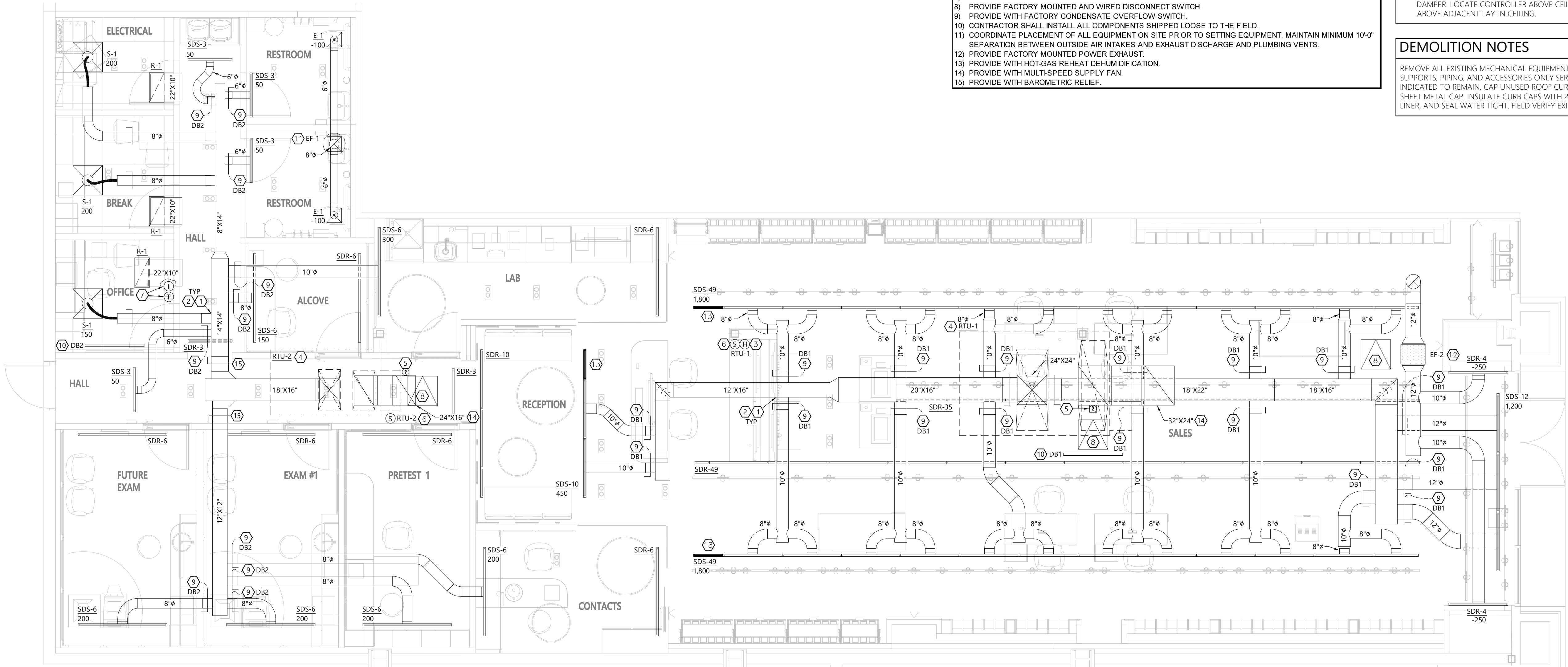
- NOTES:  
1) PROVIDE FACTORY FABRICATED 14" HIGH ROOF CURB.  
2) PROVIDE FACTORY INSTALLED LOW-LEAK COMPARATIVE ENTHALPY ECONOMIZER WITH FAULT DETECTION DIAGNOSTICS.  
3) SET MINIMUM OUTSIDE AIR AS SPECIFIED ABOVE. FOR RTU-1, FIELD SET 2 MINIMUM POSITIONS TO MAINTAIN SCHEDULED OUTSIDE AIR FLOW RATE AT SUPPLY FAN MINIMUM AND MAXIMUM SPEEDS. OUTSIDE AIR DAMPER SHALL FULLY CLOSE ON UNIT SHUTDOWN.  
4) PROVIDE FACTORY MOUNTED WEATHERHOOD AND BIRSCREEN.  
5) PROVIDE UNIT WITH LOUVERED HALL GUARDS.  
6) PROVIDE 5 MINUTE COMPRESSOR RESTART TIME DELAY.  
7) PROVIDE FILTER RACK AND 2 SETS OF DISPOSABLE FILTERS.  
8) PROVIDE FACTORY MOUNTED AND WIRED DISCONNECT SWITCH.  
9) PROVIDE WITH FACTORY CONDENSATE OVERFLOW SWITCH.  
10) CONTRACTOR SHALL INSTALL ALL COMPONENTS SHIPPED LOOSE TO THE FIELD.  
11) COORDINATE PLACEMENT OF ALL EQUIPMENT ON SITE PRIOR TO SETTING EQUIPMENT. MAINTAIN MINIMUM 10'-0" SEPARATION BETWEEN OUTSIDE AIR INTAKES AND EXHAUST DISCHARGE AND PLUMBING VENTS.  
12) PROVIDE FACTORY MOUNTED POWER EXHAUST.  
13) PROVIDE WITH HOT-GAS REHEAT DEHUMIDIFICATION.  
14) PROVIDE WITH MULTI-SPEED SUPPLY FAN.  
15) PROVIDE WITH BAROMETRIC RELIEF.

KEY NOTES - MECHANICAL PLAN

- PROVIDE DAMPERS PER DETAIL.
- PROVIDE DUCT TAKE OFFS PER DETAIL. HIGH EFFICIENCY FITTINGS SHALL BE USED. SEE DETAIL.
- PROVIDE HUMIDITY SENSOR, MOUNT 48" ABOVE FINISHED FLOOR. HUMIDITY SENSOR SHALL CONTROL REFRIGERATION SYSTEM AND INITIATE HOT GAS REHEAT AS REQUIRED TO MAINTAIN SPACE HUMIDITY AT 55% RH.
- INSTALL ROOFTOP UNIT AND CURB FURNISHED BY NEXTORE. COORDINATE UNIT WITH STRUCTURE, SHIM UNIT AND CURB LEVEL FOR PROPER CONDENSATE DRAINAGE. PROVIDE FLEXIBLE CONNECTORS ON SUPPLY AND RETURN AIR DUCT CONNECTIONS. TRANSITION TO DUCT SIZES SHOWN.
- DUCT MOUNTED SMOKE DETECTOR FURNISHED BY FIRE ALARM CONTRACTOR AND INSTALLED IN DUCT BY MECHANICAL CONTRACTOR. INTERLOCK WIRING BETWEEN FIRE ALARM SYSTEM RELAY AND UNIT SHUTDOWN CONTACT SHALL BE PROVIDED BY MECHANICAL CONTRACTOR. ALL OTHER WIRING BY FIRE ALARM CONTRACTOR. UPON DETECTION OF SMOKE, ROOFTOP UNIT SHALL SHUT DOWN UPON SIGNAL FROM FIRE ALARM SYSTEM.
- PROVIDE REMOTE TEMPERATURE SENSOR. MOUNT 48" ABOVE FINISHED FLOOR. CONNECT TO MAIN THERMOSTAT.
- PROVIDE SEVEN DAY PROGRAMMABLE THERMOSTAT WITH AUTO-CHANGEOVER AND AUTOMATIC START CAPABILITY. MOUNT THERMOSTAT 48" ABOVE FINISHED FLOOR.
- PROVIDE 24"X24" ACCESS PANEL IN CEILING. COORDINATE TYPE AND COLOR OF ACCESS PANEL WITH ARCHITECT.
- DAMPER IS INSTALLED ABOVE GYPSUM BOARD CEILING. PROVIDE YOUNG REGULATOR AND BOWDEN CABLE. SEE DETAIL. PROVIDE CABLE OPERATED DAMPERS WHERE DAMPERS ARE INSTALLED OVER GYPSUM BOARD CEILING.
- GROUP DAMPER ACTUATORS AT BOARD ABOVE CEILING, AND ACCESSIBLE FROM BELOW.
- INSTALL ROOF MOUNTED EXHAUST FAN FURNISHED BY NEXTORE.
- INSTALL INLINE EXHAUST FAN FURNISHED BY NEXTORE. SUPPORT FAN FROM STRUCTURE ABOVE WITH STEEL CHANNEL AND THREADED ROD WITH VIBRATION ISOLATORS. PROVIDE FLEXIBLE CONNECTORS ON THE INLET AND DISCHARGE DUCT CONNECTIONS. TRANSITION FROM FAN DISCHARGE TO DUCT SIZE SHOWN. EXTEND EXHAUST DUCT UP THROUGH ROOF. PROVIDE ROOF JACK, STORM, COLLAR, AND ALL WEATHER CAP.
- SHADED PORTION OF DIFFUSER INDICATES AN AREA OF NO AIRFLOW.
- PROVIDE RETURN AIR BOOT WITH ACOUSTICAL DUCT LINER. LINER SHALL BE 1" THICK 2 PCF DENSITY, LONG TEXTILE TYPE FIBER, WITH SURFACE CLEANABLE PER NAIMA DUCT CLEANING GUIDELINES. INSTALL LINER IN ACCORDANCE WITH SMACNA DUCT CONSTRUCTION STANDARDS. LAMINATE LINER TO INTERNAL SURFACES OF DUCT IN ACCORDANCE WITH LINER MANUFACTURER'S INSTRUCTIONS, AND FASTEN WITH MECHANICAL FASTENERS. ELBOW END OF DUCT UP 4".
- PROVIDE RECTANGULAR YOUNG REGULATOR TO CONTROL VOLUME DAMPER. LOCATE CONTROLLER ABOVE CEILING AT ACCESS PANEL OR ABOVE ADJACENT LAY-IN CEILING.

DEMOLITION NOTES

REMOVE ALL EXISTING MECHANICAL EQUIPMENT, DUCTWORK, HANGERS, SUPPORTS, PIPING, AND ACCESSORIES ONLY SERVING THIS SPACE AND NOT INDICATED TO REMAIN. CAP UNUSED ROOF CURBS WITH 18 GAUGE GALVANIZED SHEET METAL CAP. INSULATE CURB CAPS WITH 2" THICK 2 PCF DENSITY DUCT LINER, AND SEAL WATER TIGHT. FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID.



MECHANICAL PLAN

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



PROFESSIONAL CERTIFICATION I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MISSOURI

ROBERT HARRIS  
NAME: MECHANICAL ENGINEER  
DISCIPLINE: PE-2007025514  
LICENSE NUMBER:



STORE # 1643  
SUMMIT WOODS CROSSING  
1700 NW CHIPMAN RD  
LEE'S SUMMIT, MO 64081

Construction for:

LENSCRAFTERS  
A Subsidiary of the Luxottica Group  
4000 Luxottica Place Mason, Ohio 45040

Revisions:

Mark	Date	By
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Kansas City, MO 64108  
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Seal



Architect Job No.:

LUX-305

Nextore Store Design Revision No.:

REV 06

Nextore project Number

84169

Brand Design Type:

LC06 AUGNORM

ISSUED FOR:

Construction

Title

MECHANICAL PLAN

Date

10/01/21

Drawn By

BLH

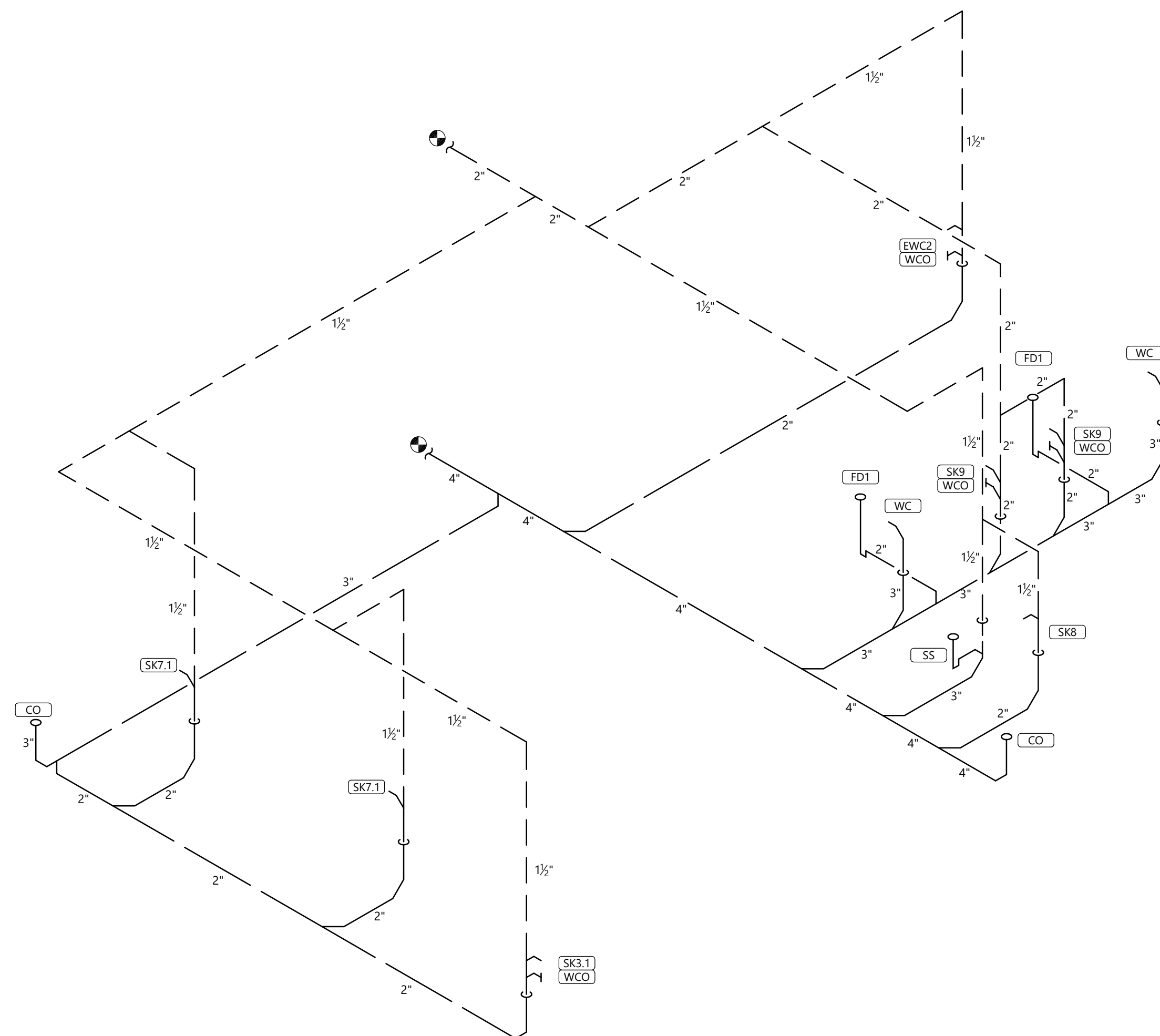
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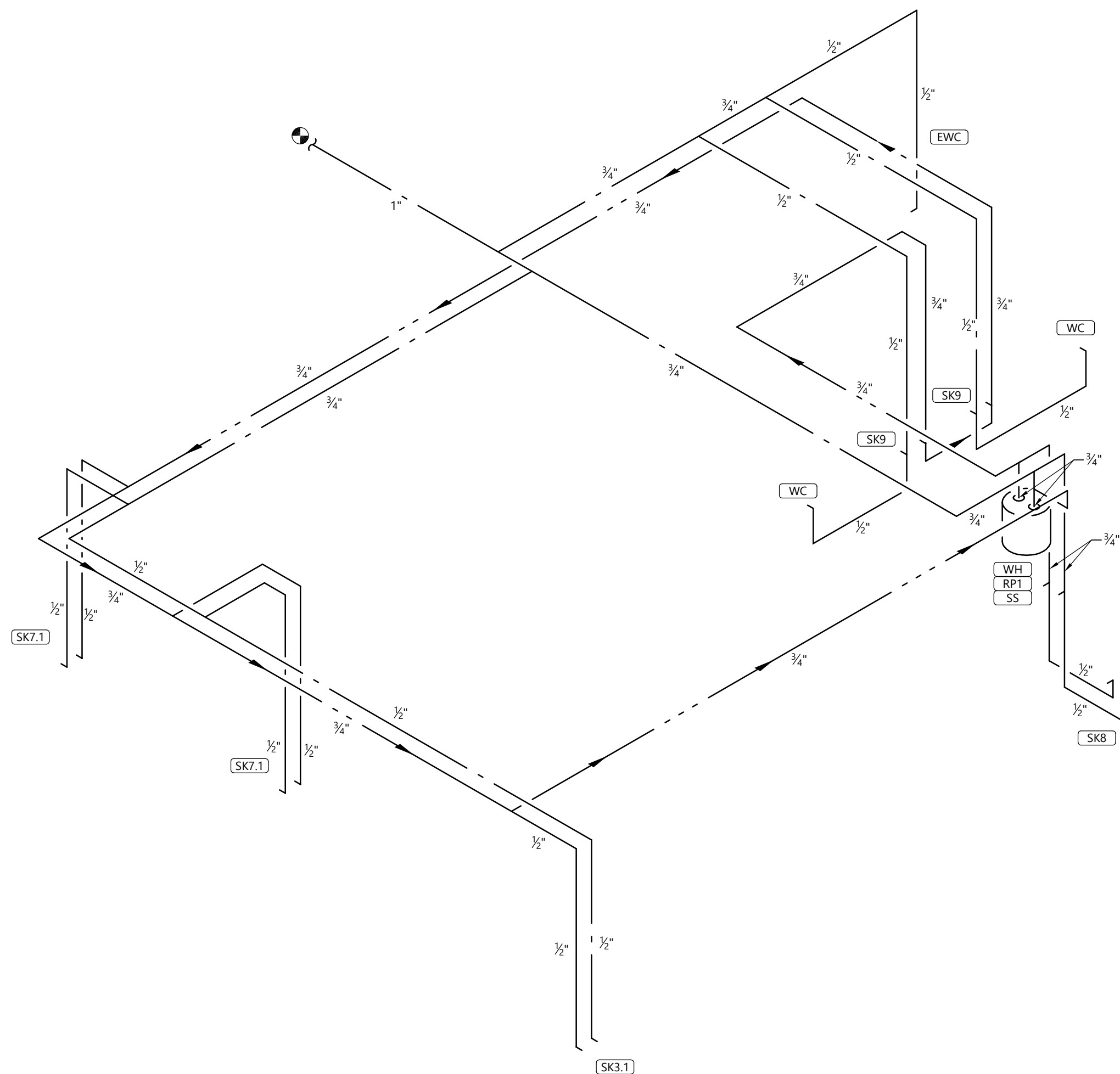
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1 SANITARY RISER  
NOT TO SCALE



## 2 DOMESTIC WATER RISER

ISOMETRIC NOTES:  
PROVIDE WATER HAMMER ARRESTORS AT ALL  
TOILETS, LAVATORIES, AND OTHER EQUIPMENT  
WITH FAST CLOSING VALVES, COORDINATE FINAL  
LOCATION OF ABOVE CEILING BALL VALVES WITH  
OWNER (TO BE LOCATED WITH OWNER DURING  
WALK THROUGH OF PROJECT).

PROFESSIONAL CERTIFICATION I HEREBY CERTIFY THAT THIS  
ENGINEERING DOCUMENT WAS PREPARED OR APPROVED BY ME  
AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER  
UNDER THE LAWS OF THE STATE OF MISSOURI

ROBERT HARRIS

NAME:

MECHANICAL ENGINEER PE=2007025514

DISCIPLINE LICENSE NUMBER

Mark	Date	By
1		
2		
3		
4		
5		
6		
7		
8		



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1

CONNECT TO EXISTING SANITARY WASTE LINE AS SHOWN PER PLANS. FIELD VERIFY EXACT SIZE, LOCATION, DEPTH, AND CONNECTION REQUIREMENTS PRIOR TO STARTING WORK. MAKE NECESSARY CONNECTIONS AS REQUIRED.

⊠

2

CONNECT TO EXISTING SANITARY VENT LINE AS SHOWN PER PLANS. FIELD VERIFY EXACT SIZE, LOCATION, AND CONNECTION REQUIREMENTS PRIOR TO STARTING WORK. MAKE NECESSARY CONNECTIONS AS REQUIRED.

KEY NOTES

STORE # 1643  
SUMMITWOODS CROSSING  
1700 NW CHIPMAN RD  
LEE'S SUMMIT, MO 64081

Construction for:

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Seal

Architect Job No.:

LUX-305

Nextore Store Design Revision No.:

REV 06

Nextore project Number

84169

Brand Design Type:

LC06 AUGNORM

ISSUED FOR:

Construction

Title

PLUMBING PLAN  
WASTE & VENT

Date

10/01/21

Drawn By

ATL

Checked By

NRP

Sheet

P200

1 PLUMBING PLAN - WASTE AND VENT  
SCALE: 1/4" = 1'-0"

PROFESSIONAL CERTIFICATION I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MISSOURI

ROBERT HARRIS  
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LICENSE NUMBER

- KEY NOTES
- 1 CONNECT TO EXISTING DOMESTIC WATER LINE AS SHOWN PER PLANS. FIELD VERIFY EXACT SIZE, LOCATION, ROUTING, AND CONNECTION REQUIREMENTS PRIOR TO STARTING WORK. MAKE NECESSARY CONNECTIONS AS REQUIRED.
- 2 PROVIDE TANK WATER HEATER AND RECIRCULATION PUMP ABOVE MOP SINK PER "WATER HEATER" AND "SMALL EXPANSION TANK" DETAILS.

Construction for:

LENSCRAFTERS  
A Subsidiary of the Luxottica Group  
4000 Luxottica Place Mason, Ohio 45040

Revisions:

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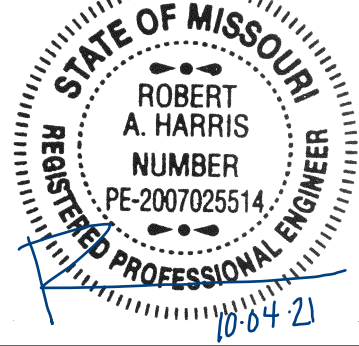
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Seal



Architect Job No.:

LUX-305

Nextore Store Design Revision No.:

REV 06

Nextore project Number

84169

Brand Design Type:

LC06 AUGNORM

ISSUED FOR:

Construction

Title

PLUMBING PLAN  
DOMESTIC WATER

Date

10/01/21

Drawn By

ATL

Checked By

NRP

Sheet

P201

1 PLUMBING PLAN - DOMESTIC WATER  
SCALE: 1/4" = 1'-0"



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ROBERT HARRIS  
NAME:  
MECHANICAL ENGINEER  
DISCIPLINE:  
PE-2007025514  
LICENSE NUMBER

Construction for:

LENSCRAFTERS  
A Subsidiary of the Luxottica Group  
4000 Luxottica Place Mason, Ohio 45040

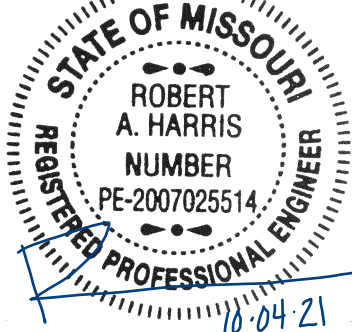
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Seal



Architect Job No.:

LUX-305

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Brand Design Type:

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ISSUED FOR:

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PLUMBING PLAN  
NATURAL GAS &  
CONDENSATE

Date

10/01/21

Drawn By

ATL

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P202

GAS SCHEDULE

MARK	MBTU/H
RTU-1	150
RTU-2	60
TOTAL	210.0

GAS: NATURAL GAS  
PIPING: SCH 40 STEEL  
CODE: 2018 INTERNATIONAL FUEL GAS CODE  
PRESSURE: 7" W.C. WITH 0.5" W.C. PRESSURE DROP  
DEVELOPED LENGTH: 300 FEET

SIZE	CFH
3/4"	57
1"	108
1 1/4"	221
1 1/2"	331
2"	638



KEY NOTES

- COORDINATE WITH THE LOCAL GAS COMPANY TO INSTALL NEW GAS METER AND PRESSURE REGULATOR AT THE DEDICATED METER LOCATION. FIELD VERIFY EXACT LOCATION OF METER. REFER TO "GAS SERVICE" DETAIL. FIELD VERIFY CONNECTION REQUIREMENTS PRIOR TO INSTALLATION.
- CONNECT TO ROOFTOP UNIT PER "ROOFTOP UNIT CONNECTIONS" DETAIL.
- ROUTE CONDENSATE DRAIN TO MOP SINK AND INDIRECT PER "INDIRECT DRAIN" DETAIL.



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ROBERT HARRIS  
NAME:  
MECHANICAL ENGINEER  
DISCIPLINE:  
PE-2007025514  
LICENSE NUMBER

1 PLUMBING PLAN - NATURAL GAS & CONDENSATE

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

---

CLARIFYE CABLING & NETWORK QA CHECKLIST

To be complete by Project Manager on Monday the week of the CLARIFYE installation

If any of the tasks or labels are not completed correctly, escalate to the on-site Fleet Renewal Manager immediately

Task	Completed (Y/N)
Doctor Data Cabinet in the Telecom Backboard or Designated Telecom Area	
Confirm the modem is extended into the DDC (if the internet service does not have a modem and it just a jack, confirm the jack is patched over to the DDC)	
Confirm the modem is labeled as the "CLARIFYE Modem"	
Confirm the DDC has a 48-port patch panel installed	
Confirm there is a switch in the DDC labeled as "Doctor Switch"	
Exam Rooms	
Confirm the Recessed Entertainment Box is installed 6'2" from the floor and 3'4" from the right-hand wall when facing the box	
Confirm the cable runs for the wireless access points are to the correct locations and labeled on the ceiling.	

Cable Run Label & Testing Confirmations

Cable From	Cable To	# of Runs/Face-Plate Location	Room Face Plate Labels	DDC Patch Panel Labels	Confirm all data jacks are labeled correctly on both ends (Y/N)	Confirm all cable runs tested successfully (Y/N)
Pretest 1	DDC Patch Panel	2	P1A-P1B	P1A-P1B		
Pretest 1	DDC Patch Panel	2	P1C-P1D	P1C-P1D		
Alcove Or Pretest 2	DDC Patch Panel	2	P2A-P2B	P2A-P2B		
Alcove Or Pretest 2	DDC Patch Panel	2	P2C-P2D	P2C-P2D		
Pretest 3	DDC Patch Panel	2	P3A-P3B	P3A-P3B		
Pretest 3	DDC Patch Panel	2	P3C-P3D	P3C-P3D		
OD Reception	DDC Patch Panel	1	R1	R1		
OD Reception	DDC Patch Panel	1	R2	R2		
OD Reception	DDC Patch Panel	1	R3	R3		
OD Reception	DDC Patch Panel	1	R4	R4		
Exam 1 Wall	DDC Patch Panel	2	E1A & E1B	E1A & E1B		
Exam 1 Desk	DDC Patch Panel	4	E1C, E1D, E1E, E1F	E1C, E1D, E1E, E1F		
Exam 1 Below Monitor	DDC Patch Panel	1	E1G	E1G		
Exam 2 Wall	DDC Patch Panel	2	E2A & E2B	E2A & E2B		
Exam 2 Desk	DDC Patch Panel	4	E2C, E2D, E2E, E2F	E2C, E2D, E2E, E2F		
Exam 3 Wall	DDC Patch Panel	2	E3A & E3B	E3A & E3B		
Exam 3 Desk	DDC Patch Panel	4	E3C, E3D, E3E, E3F	E3C, E3D, E3E, E3F		
Wireless Access Point 1	DDC Patch Panel	1	AP1	AP1		
Wireless Access Point 2	DDC Patch Panel	1	AP2	AP2		

Completed By: \_\_\_\_\_

Date Completed: \_\_\_\_\_

Equipment inside the Doctor Data Cabinet

Confirm Cisco Meraki router is properly mounted inside the Doctor DDC cabinet

Confirm the Cisco Meraki router is labeled as the "CLARIFYE Router"

Confirm that the ethernet terminations from the rooms are correctly punched down and labeled to the patch panel in the DDC

Confirm there is an available power outlet within 3' of the DDC cabinet

Confirm Cisco Meraki router is online with a solid white status light

PATCH PANEL:	<b>A – VOICE</b>				TOTAL NUMBER OF PORTS:	24	LOCATED AT THE PHONE BOARD - LENSRAFTERS NETWORK
PORT LABEL	DESCRIPTION	PORT LABEL	DESCRIPTION	PORT LABEL	DESCRIPTION	PORT LABEL	DESCRIPTION
1 A01	WORK COUNTER-MGR-A1	7 A07	CASH DESK-A1	13 A13	OD RECEPTION – A1	19 A19	EXAM ROOM #2 - WALL
2 A02	WORK COUNTER-MGR-A2	8 A08	CASH DESK-A2	14 A14	OD RECEPTION – A2	20 A20	EXAM ROOM #2
3 A03	WORK COUNTER-MGR-B1	9 A09	RETAIL SELECT TABLE	15 A15	OD RECEPTION – B1	21 A21	EXAM ROOM #3 - WALL
4 A04	WORK COUNTER-MGR-B2	10 A10	RETAIL SELECT TABLE	16 A16	OD RECEPTION – B2	22 A22	EXAM ROOM #3
5 A05	-	11 A11	URGENT CARE LAB	17 A17	EXAM ROOM #1 - WALL	23 A23	CONTACT LENS-A1
6 A06	-	12 A12	-	18 A18	EXAM ROOM #1	24 A24	CONTACT LENS-B1

PATCH PANEL:	<b>B – DATA</b>				TOTAL NUMBER OF PORTS:	48	LOCATED AT THE PHONE BOARD - LENSRAFTERS NETWORK
PORT LABEL	DESCRIPTION	PORT LABEL	DESCRIPTION	PORT LABEL	DESCRIPTION	PORT LABEL	DESCRIPTION
1 B01	WIFI ON SALES FLOOR	13 B13	CASH DESK-B1	25 B25	SALES AREA PERIMETER	37 B37	SALES AREA GONDOLA
2 B02	Future WIFI	14 B14	CASH DESK-B2	26 B26	SALES AREA PERIMETER	38 B38	SALES AREA GONDOLA
3 B03	TRAFFIC COUNTER	15 B15	CASH DESK-B3	27 B27	SALES AREA PERIMETER	39 B39	SALES AREA GONDOLA
4 B04	Future TRAFFIC COUNTER	16 B16	CASH DESK-B4	28 B28	SALES AREA PERIMETER	40 B40	SALES AREA GONDOLA
5 B05	-	17 B17	-	29 B29	SALES AREA PERIMETER	41 B41	-
6 B06	-	18 B18	-	30 B30	SALES AREA PERIMETER	42 B42	-
7 B07	-	19 B19	-	31 B31	SALES AREA PERIMETER	43 B43	-
8 B08	-	20 B20	-	32 B32	SALES AREA PERIMETER	44 B44	-
9 B09	CASH DESK-A1	21 B21	WORK COUNTER-MGR	33 B33	SALES AREA GONDOLA	45 B45	URGENT CARE LAB-Desk
10 B10	CASH DESK-A2	22 B22	WORK COUNTER-MGR	34 B34	SALES AREA GONDOLA	46 B46	URGENT CARE LAB-Screen
11 B11	CASH DESK-A3	23 B23	WORK COUNTER-MGR	35 B35	SALES AREA GONDOLA	47 B47	URGENT CARE LAB-Screen
12 B12	CASH DESK-A4	24 B24	WORK COUNTER-MGR	36 B36	SALES AREA GONDOLA	48 B48	-

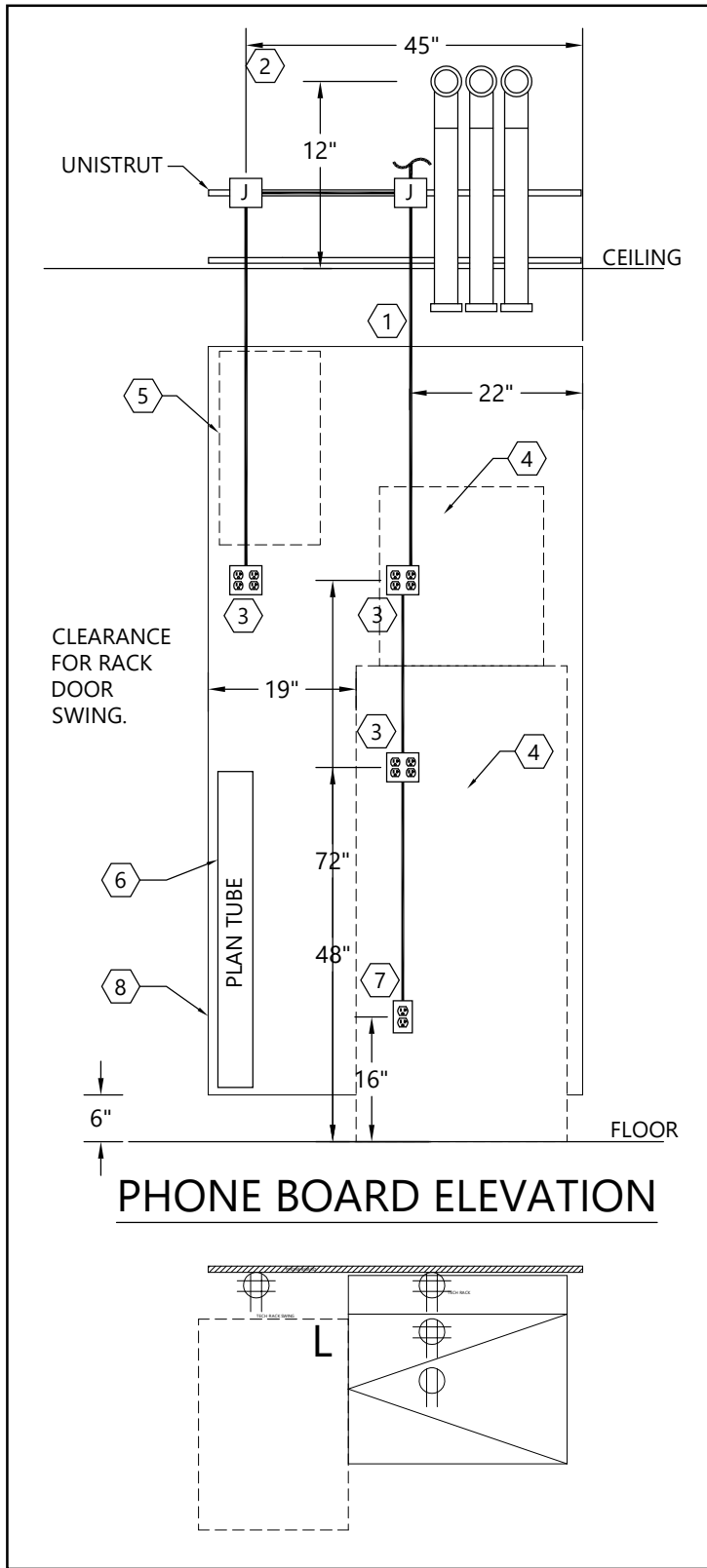
PATCH PANEL:	<b>C – MEDIA/VIDEO</b>				TOTAL NUMBER OF PORTS:	48	LOCATED AT THE PHONE BOARD - LENSRAFTERS NETWORK
PORT LABEL	DESCRIPTION	PORT LABEL	DESCRIPTION	PORT LABEL	DESCRIPTION	PORT LABEL	DESCRIPTION
1 C01	SALES FLOOR LW01	13 C13	CASH DESK VIDEO WALL	25 C25	SALES AREA MEDIA	37 C37	SALES AREA SURVEILLANCE
2 C02	SALES FLOOR LW01	14 C14	CASH DESK VIDEO WALL	26 C26	SALES AREA MEDIA	38 C38	SALES AREA SURVEILLANCE
3 C03	SALES FLOOR LW01	15 C15	CASH DESK VIDEO WALL	27 C27	SALES AREA MEDIA	39 C39	SALES AREA SURVEILLANCE
4 C04	SALES FLOOR LW01	16 C16	CASH DESK VIDEO WALL	28 C28	SALES AREA MEDIA	40 C40	SALES AREA SURVEILLANCE
5 C05	SALES FLOOR LW02	17 C17	CASH DESK VIDEO WALL	29 C29	SALES AREA MEDIA	41 C41	SALES AREA SURVEILLANCE
6 C06	SALES FLOOR LW02	18 C18	CASH DESK VIDEO WALL	30 C30	SALES AREA MEDIA	42 C42	SALES AREA SURVEILLANCE
7 C07	SALES FLOOR LW02	19 C19	OD DESK VIDEO WALL	31 C31	SALES AREA MEDIA	43 C43	SALES AREA SURVEILLANCE
8 C08	SALES FLOOR LW02	20 C20	OD DESK VIDEO WALL	32 C32	SALES AREA MEDIA	44 C44	SALES AREA SURVEILLANCE
9 C09	SALES FLOOR LW03	21 C21	OD DESK VIDEO WALL	33 C33	SALES AREA SURVEILLANCE	45 C45	SALES AREA SURVEILLANCE
10 C10	SALES FLOOR LW03	22 C22	OD DESK VIDEO WALL	34 C34	SALES AREA SURVEILLANCE	46 C46	SALES AREA SURVEILLANCE
11 C11	SALES FLOOR LW03	23 C23	OD DESK VIDEO WALL	35 C35	SALES AREA SURVEILLANCE	47 C47	SALES AREA SURVEILLANCE
12 C12	SALES FLOOR LW03	24 C24	-	36 C36	SALES AREA SURVEILLANCE	48 C48	SALES AREA SURVEILLANCE

PATCH PANEL:	<b>D –DDC</b>				TOTAL NUMBER OF PORTS:	48	LOCATED AT THE PHONE BOARD -DOCTORS NETWORK
PORT LABEL	DESCRIPTION	PORT LABEL	DESCRIPTION	PORT LABEL	DESCRIPTION	PORT LABEL	DESCRIPTION
1 D01	PRETEST 1A	13 D13	PRETEST 4A	25 D25	EXAM-2B	37 D37	EXAM-4B
2 D02	PRETEST 1B	14 D14	PRETEST 4B	26 D26	EXAM-2C	38 D38	EXAM-4C
3 D03	PRETEST 1C	15 D15	PRETEST 4C	27 D27	EXAM-2D	39 D39	EXAM-4D
4 D04	PRETEST 1D	16 D16	PRETEST 4D	28 D28	EXAM-2E	40 D40	EXAM-4E
5 D05	PRETEST 2A	17 D17	EXAM-1A	29 D29	EXAM-2F	41 D41	EXAM-4F
6 D06	PRETEST 2B	18 D18	EXAM-1B	30 D30	EXAM-3A	42 D42	OD-RECEPTION-R1A
7 D07	PRETEST 2C	19 D19	EXAM-1C	31 D31	EXAM-3B	43 D43	OD-RECEPTION-R1B
8 D08	PRETEST 2D	20 D20	EXAM-1D	32 D32	EXAM-3C	44 D44	OD-RECEPTION-R2A
9 D09	PRETEST 3A	21 D21	EXAM-1E	33 D33	EXAM-3D	45 D45	OD-RECEPTION-R2B
10 D10	PRETEST 3B	22 D22	EXAM-1F	34 D34	EXAM-3E	46 D46	OD-WAP-1
11 D11	PRETEST 3B	23 D23	EXAM-1G	35 D35	EXAM-3F	47 D47	OD-WAP-2
12 D12	PRETEST 3D	24 D24	EXAM-2A	36 D36	EXAM-4A	48 D48	-

PATCH PANEL:	<b>E – DDC MEDIA</b>				TOTAL NUMBER OF PORTS:	24	LOCATED AT THE PHONE BOARD - LENSRAFTERS NETWORK
PORT LABEL	DESCRIPTION	PORT LABEL	DESCRIPTION	PORT LABEL	DESCRIPTION	PORT LABEL	DESCRIPTION
1 E01	-	7 E07	-	13 E13	-	19 E19	-
2 E02	-	8 E08	-	14 E14	-	20 E20	-
3 E03	-	9 E09	-	15 E15	-	21 E21	-
4 E04	-	10 E10	-	16 E16	-	22 E22	-
5 E05	-	11 E11	-	17 E17	-	23 E23	-
6 E06	-	12 E12	-	18 E18	-	24 E24	-

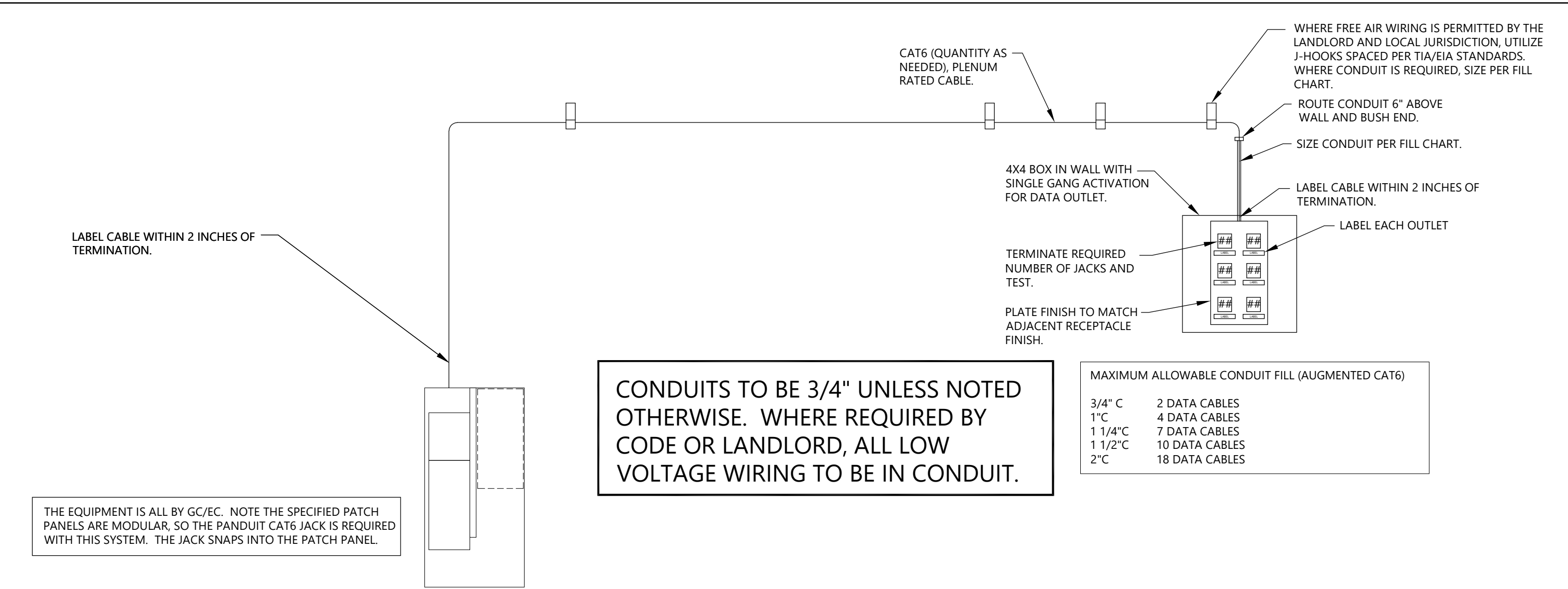
DETAIL NOTES

- ROUTE POWER IN SURFACE MOUNTED CONDUITS ON PHONE BOARD. ALL POWER WIRING TO BE IN 1 INCH CONDUIT, OR LARGER AS CIRCUITING ARRANGEMENT DEMANDS. NOTE THE CONDUITS, BOXES AND OUTLETS ARE TO BE INSTALLED AFTER THE CABINET BACKPAN IS INSTALLED TO ALLOW FOR ACCURATE ALIGNMENT
- MINIMUM THREE 2-1/2" EMT CONDUITS FROM 15 INCHES BELOW CEILING, ABOVE TOP OF BOARD AS INDICATED FOR IT/TELECOM EQUIPMENT. EXTEND CONDUITS TO 24 INCHES ABOVE CEILING FOR CABLE PATHWAY. PROVIDE 90 DEGREE RADIUS SWEEPS ABOVE CEILING, WITH PLENUM RATED BUSHINGS ON BOTH ENDS OF CONDUITS TO PREVENT CABLE DAMAGE.
- SURFACE MOUNT QUAD OUTLET WITH DEDICATED 20A CIRCUIT AND DEVICES. PROVIDE 1 INCH CONDUIT FROM ABOVE CEILING TO DEVICE LOCATIONS. LOCATED AT 30 INCH AND 60 INCH FROM TOP OF BACKBOARD, 6 INCHES FROM LEFT SIDE OF BACKBOARD, TO BE USED FOR VOICE/DATA/SECURITY EQUIPMENT. NOTE THE CONDUITS, BOXES AND OUTLETS ARE TO BE INSTALLED AFTER THE CABINET BACKPAN IS INSTALLED TO ALLOW FOR ACCURATE ALIGNMENT
- RACKS PROVIDED BY ELECTRICAL CONTRACTOR TO BE AS SPECIFIED IN THE RESPONSIBILITY SCHEDULE. REFER TO MANUFACTURER INSTRUCTIONS FOR PROPER MOUNTING OF CABINETS. USE 2 INCH X 1/2 INCH LAG BOLTS IN PROPER KEYHOLES. MOUNT 60HX24D TALL WALL-MOUNT, FLOOR SUPPORTED CABINET FIRST, 2" FROM EDGE OF BOARD ON OPENING SIDE OF CABINET. MOUNT 24HX24D CABINET ABOVE ALIGNING 1" KNOCKOUT HOLDS FROM TOP TO BOTTOM CABINET FOR POWER PASS THROUGH. REMOVE 3" KNOCKOUTS FOR CABLE PASS THROUGH BEFORE MOUNTING CABINETS. IF WALL BEHIND BOARD IS SOLID CONCRETE OR BRICK, USE SPECIALIZED HARDWARE TO MOUNT CABINET SECURELY THROUGH BOARD TO SURFACE BEHIND.
- DEMARC AREA FOR TELCO AND BROADBAND PROVIDERS. RESERVED 22 INCHES BY 48 INCHES.
- 36 INCH LONG X 4 INCH DIAMETER PVC TUBE FOR AS BUILT PLANS (BY GC).
- PROVIDE 20A DUPLEX RECEPTACLE FOR AUDIO EQUIPMENT. SEPARATE CONTROL CIRCUIT NOT REQUIRED AS MOOD EQUIPMENT COMES STANDARD WITH AN ALARM SHUT MODULE. IT DOES HOWEVER NEED A LINE FROM THE FIRE CONTROL PANEL TO SHUT OFF POWER.
- MOUNT 4FT X 8FT HIGH, 3/4" THICK VOID-FREE, FIRE RATED PLYWOOD AT 6 INCHES ABOVE FINISHED FLOOR. IF FIRE RATED PLYWOOD IS NOT AVAILABLE, PAINT WITH 2 COATS OF WHITE, FIRE RATED PAINT AND RETAIN PAINT INFORMATION FOR FIRE INSPECTION.



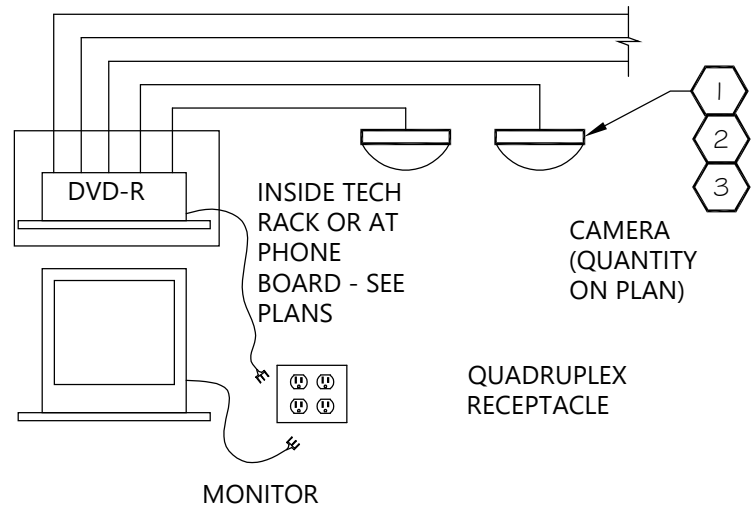
LC002

NETWORK DIAGRAM



LC003

COMMUNICATIONS RISER ELECTRICAL INFORMATION

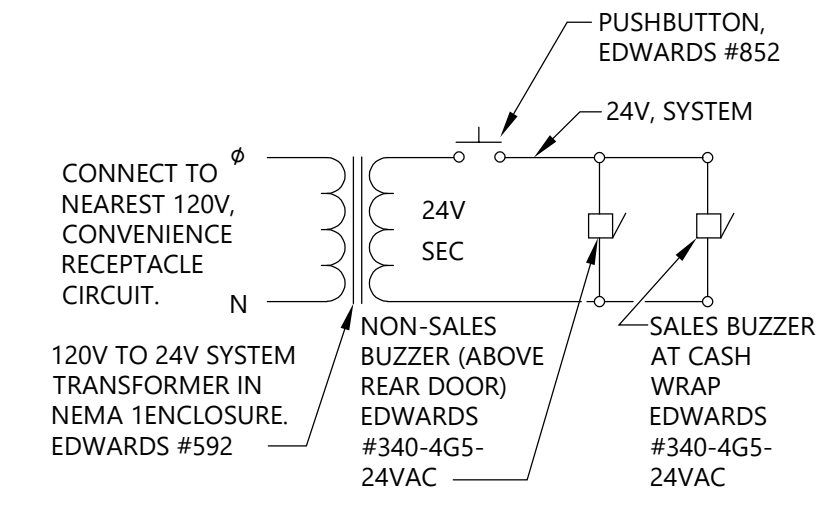


- EXTEND CABLE TO PROPOSED HEAD END EQUIPMENT LOCATION. PROVIDE ENOUGH EXCESS CABLE TO REACH ANY WALL IN BACK ROOM. COIL AND MARK CABLE AS CCTV. HEAD END EQUIPMENT LOCATION MUST BE WITHIN 10' OF THE 'NETWORK SWITCH ACCESS'.
- FOR CAMERAS, PROVIDE WHITE PLENUM RATED CAT 6 CABLING. COIL 15' OF CABLING AT EACH CAMERA LOCATION FOR CONNECTIONS.
- PROVIDE RJ-45 CONNECTORS AT CAMERA LOCATIONS ONLY. CONNECTORS NOT NEEDED AT THE HEAD END EQUIPMENT LOCATION.

SECURITY CAMERAS SHALL NOT RECEIVE ANY ABOVE CEILING JUNCTION BOX. THE CAMERAS HAVE THEIR OWN RECESS MOUNT KITS. LOCATION OF CAMERAS SHALL BE MARKED CLEARLY IN ORDER FOR SECURITY CAMERA TECHNICIAN TO LOCATE. ALL WIRING TO BE PROVIDED AND INSTALLED PER ELECTRICAL PLANS.

E005

CCTV SYSTEM RISER

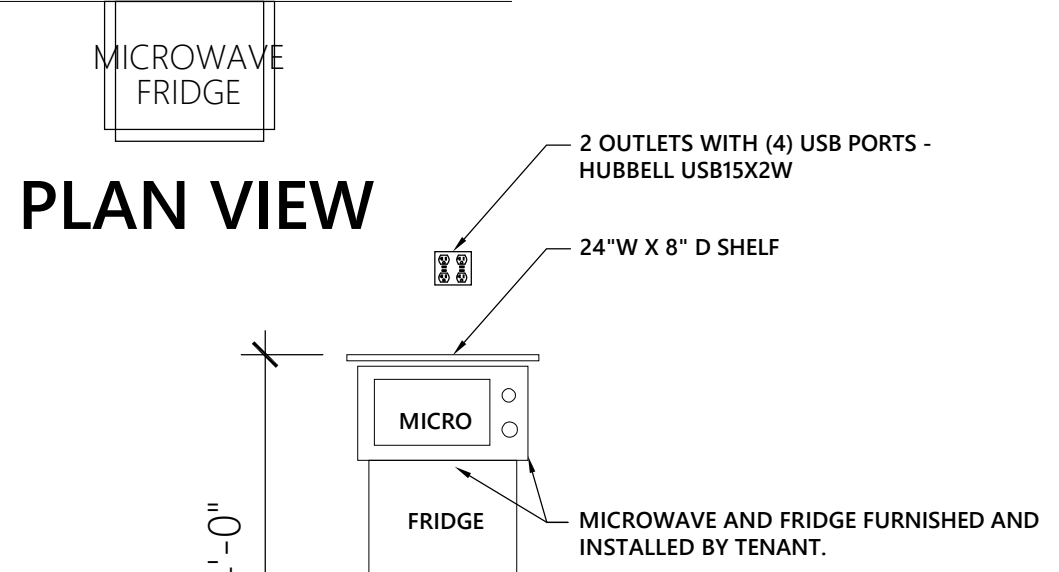


E006 DOOR ENTRY BELL SYSTEM RISER

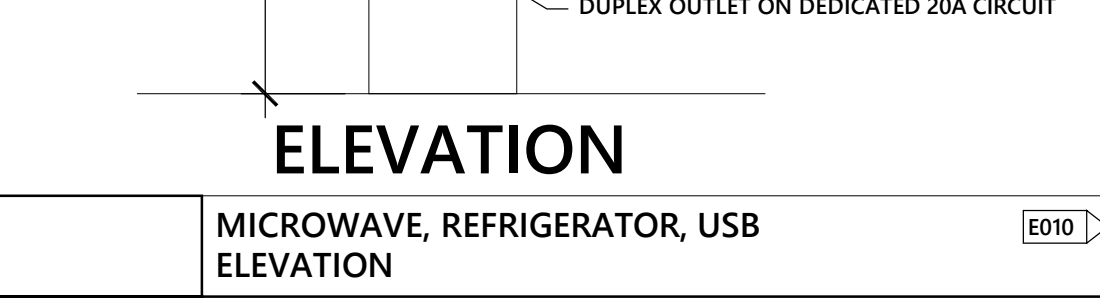
TAG	EQUIPMENT	FURNISH BY:	INSTALLED BY:
1	WALL SHELF	VENDOR	VENDOR
2	AMPLIFIER	VENDOR	VENDOR
3	SPEAKER WIRE	VENDOR	VENDOR
4	SPEAKER	VENDOR	VENDOR
5	SPEAKER BAFFLE	VENDOR	VENDOR

E007

SOUND SYSTEM RISER



E010 MICROWAVE, REFRIGERATOR, USB ELEVATION



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NAME: \_\_\_\_\_  
ELECTRICAL ENGINEER  
DISCIPLINE: \_\_\_\_\_  
PE-2012032391  
LICENSE NUMBER: \_\_\_\_\_

RELEASED FOR CONSTRUCTION  
As Noted on Plans Review  
DESIGN & CONSTRUCTION  
MANAGEMENT  
Lee's Summit, Missouri  
1-800-411-0700

NEXTORE  
4000 Luxottica Place, Mason, OH 45040  
1-800-785-4006  
1-800-411-0700

STORE # 1643  
SUMMITWOODS CROSSING  
1700 NW CHIPMAN RD  
LEE'S SUMMIT, MO 64081

Construction for:

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A Subsidiary of the Luxottica Group  
4000 Luxottica Place Mason, Ohio 45040

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Seal  
STATE OF MISSOURI  
ADRIAN T. FRANKS  
NUMBER PE-2012032391  
10/04/2021

Architect Job No.: LUX-305

Nextore Store Design Revision No.:

REV 06

Nextore project Number 84169

Brand Design Type: LC06 AUGNORM

ISSUED FOR: Construction

Electrical GENERAL NOTES & DETAILS

Date 10/01/21  
Drawn By JKS  
Checked By ATF  
Sheet E002

Construction for:

**LENSCRAFTERS**  
A Subsidiary of the Luxottica Group  
4000 Luxottica Place Mason, Ohio 45040

Revisions:

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Seal  
STATE OF MISSOURI  
ADRIAN T. FRANKS  
NUMBER  
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10/04/2021

Architect Job No.:

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**REV 06**

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84169

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ISSUED FOR:

Construction

Title

ELECTRICAL  
GENERAL NOTES &  
DETAILS

Date

10/01/21

Drawn By

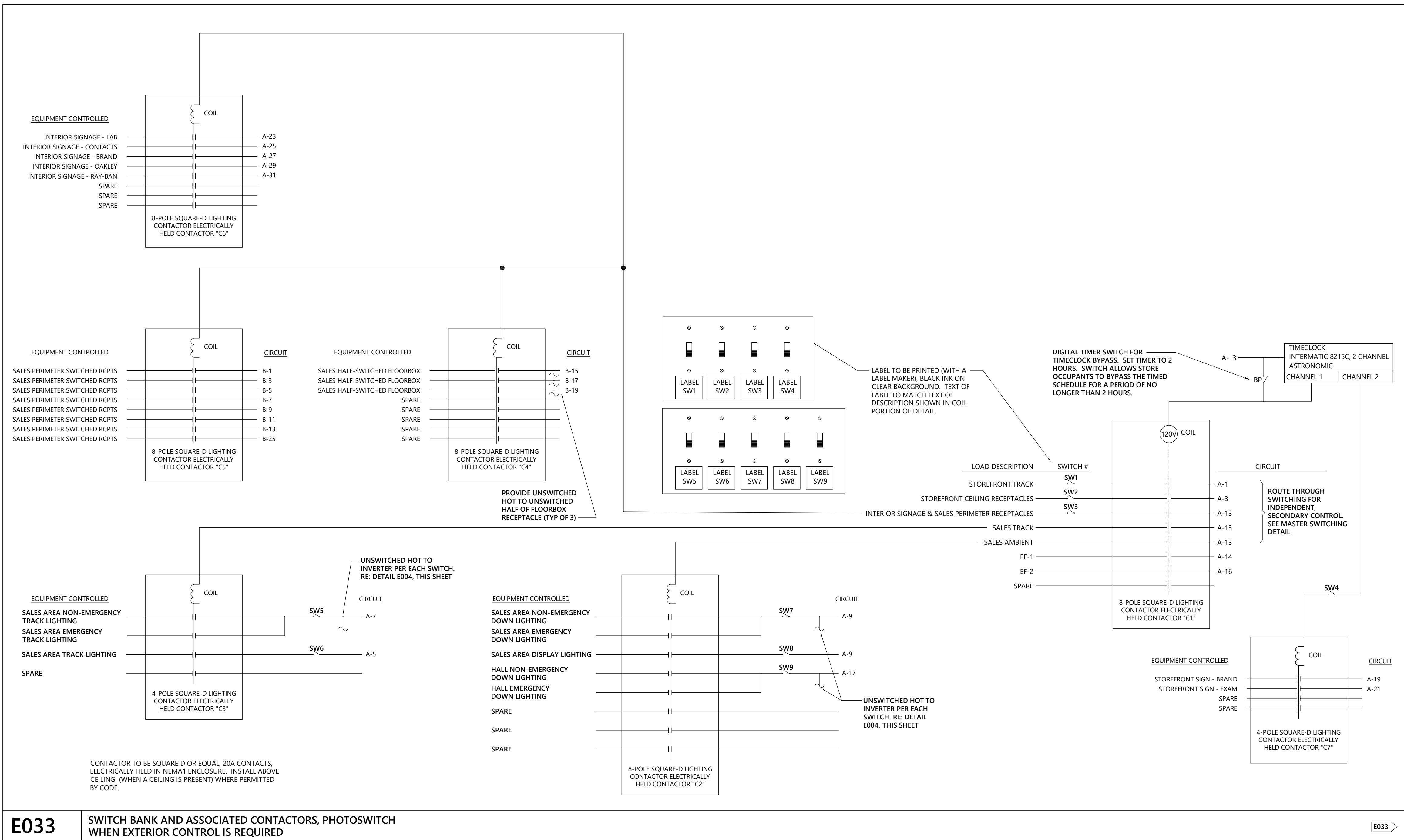
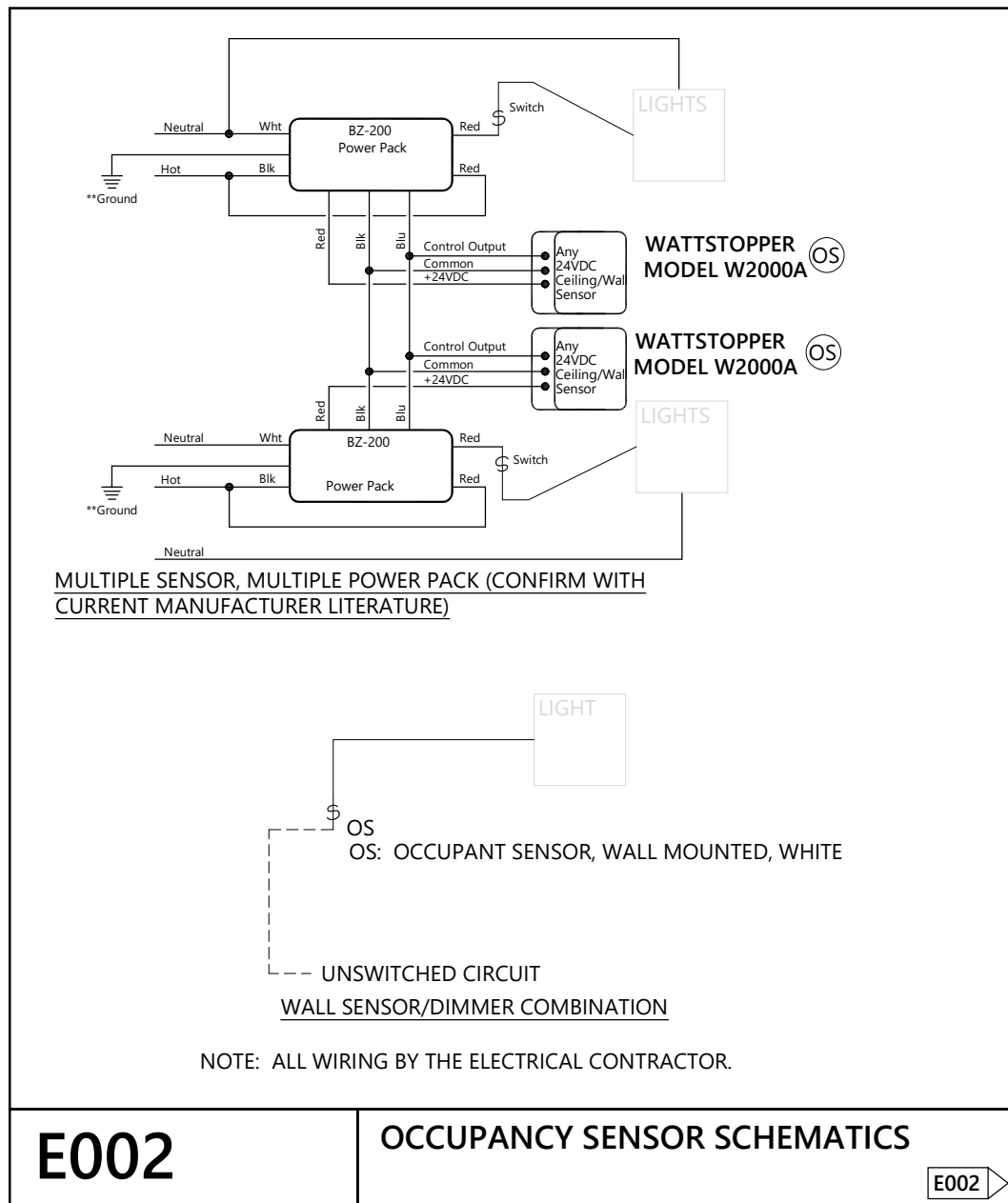
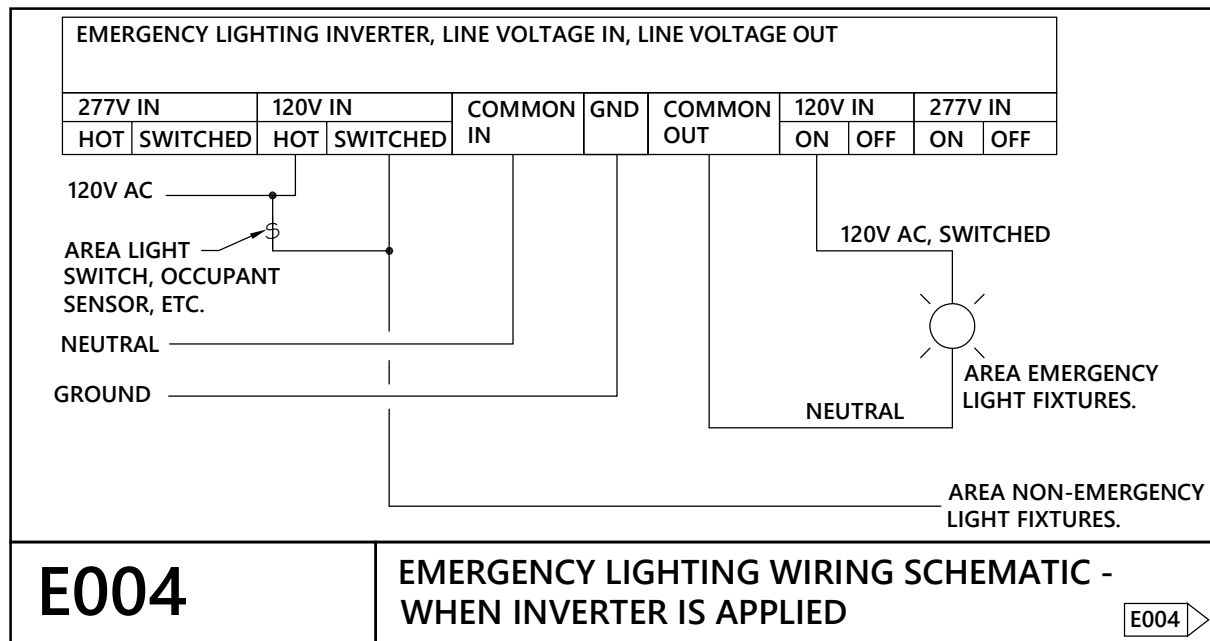
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PROFESSIONAL CERTIFICATION I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MISSOURI

ADRIAN T FRANKS

NAME

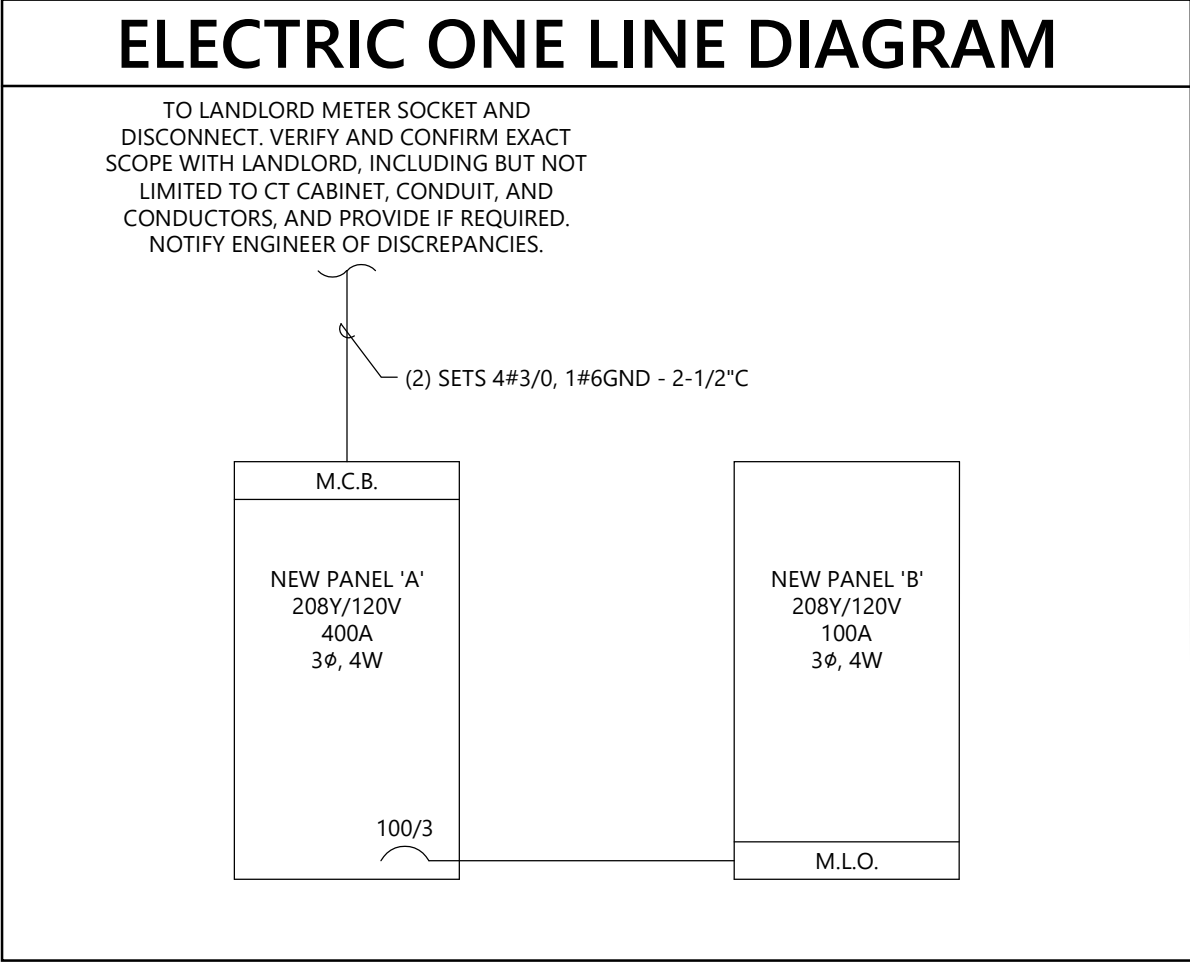
ELECTRICAL ENGINEER

PE-2012032391

DISCIPLINE

LICENSE NUMBER

FEEDER SCHEDULE:						
EQUIPMENT MARK	RATING	SETS	FEEDER			REMARKS
			CONDUCTORS AND GROUND	PIPE	MATERIAL	
A	400A	2	(4)#3/0 & (1)#6G	2-1/2"	COPPER	-
B	100A	1	(4)#3 & (1)#8G	1-1/4"	COPPER	-
RISER DIAGRAM FEEDER GENERAL NOTES						
1. CONDUIT INSTALLED BELOW SLAB SHALL BE RIGID STEEL, IMC, PVC OR HDPE, MINIMUM 3/4". IF PVC OR HDPE IS USED, TRANSITION TO RIGID STEEL BEFORE TURNING UP AND PENETRATING FLOOR SLAB.						
2. GROUNDING ELECTRODE SHALL BE ROUTED IN PVC CONDUIT AND CONNECTED TO UNPAINTED STEEL OR A GROUNDED COLD WATER PIPE.						



FIELD VERIFY ALL CONDITIONS

DESIGN DRAWINGS ARE SCHEMATIC. THE GENERAL CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING OR AWARD OF CONTRACT TO INSPECT EXISTING FIELD CONDITIONS. THIS CONTRACT SHALL INCLUDE ALL LABOR AND MATERIALS NECESSARY FOR FIELD MODIFICATIONS DUE TO EXISTING CONDITIONS.

THE GENERAL CONTRACTOR SHALL CONTACT THE ARCHITECT, ENGINEER OR OWNER PRIOR TO BIDDING FOR INTERPRETATIONS AND CLARIFICATIONS OF THE DESIGN AND INCLUDE IN HIS BID ALL COSTS TO MEET THE DESIGN INTENT. CLARIFICATIONS MADE BY THE ARCHITECT, ENGINEER OR OWNER AFTER BIDDING WILL BE FINAL AND SHALL BE IMPLEMENTED AT GENERAL CONTRACTORS COST.

BIDDING GENERAL CONTRACTORS SHALL HAVE A WORKING KNOWLEDGE OF LOCAL CODES AND ORDINANCES AND SHALL INCLUDE IN THEIR BIDS THE COSTS FOR ALL WORK INSTALLED IN STRICT ACCORDANCE WITH GOVERNING CODES, THE PLANS AND SPECIFICATIONS NOT WITHSTANDING. THE CONTRACTOR SHALL ALERT ARCHITECT, ENGINEER OR OWNER OF ANY APPARENT DISCREPANCIES BETWEEN GOVERNING CODES AND DESIGN INTENT.

UTILITY ACCOUNT TRANSFER/SETUP

General Contractor's superintendent shall contact the LUXOTTICA RETAIL STORE MAINTENANCE HOTLINE (513) 765-3500 upon arrival at the job site to schedule the transfer of temporary utilities to the owner. Please provide the following information when calling:

- Store Address and Space #
- Temporary utility company(s) name and phone # (i.e., gas, electric, water, and possibly sewer)
- Meter or Socket # (if used),
- Expected Punch Date.

Timing for new meter installations or utility account transfers will be executed on or before the Punch Date.

PANEL: A		LOCATION: ELECTRICAL ROOM										NEMA ENCLOSURE: 1		
SYSTEM: 208/120V., 3P,4W		MAINS: 400A - MCB										CABINET MOUNTING: SURFACE		
FEEDER: SEE RISER DIAGRAM												LUGS: TOP		
OPTIONS:												AIC RATING: 22,000		
LOAD DESCRIPTION		BKR SIZE	BKR POLE	NOTE	WATTS	CCT NO	PHASE	CCT NO	WATTS	NOTE	BKR POLE	BKR SIZE	LOAD DESCRIPTION	
STOREFRONT TRACK LTG		20	1	C1	360	1	A	2	8,034					
SHOW WINDOW RCPTS		20	1	C1	360	3	B	4	8,034	HACR	3	80	RTU-1	
SALES FLOOR TRACK LTG		20	1	C3	1,128	5		6	8,034					
SALES FLOOR TRACK/ EM LTG		20	1	C3,LOC	1,107	7	A	8	3,122					
SALES GENERAL/ DISPLAY/ EM LTG		20	1	C2,LOC	404	9	B	10	3,122	HACR	3	45	RTU-2	
CONTACT/ PRETEST/ EXAM/ EM LTG		20	1	LOC	634	11		12	3,122					
LIGHTING CONTROLS		20	1	LOC	200	13	A	14	180	C1	1	15	EF-1	
LAB/ BOH/ EM LTG		20	1	LOC	692	15	B	16	222	C1	1	15	EF-2	
HALL/ EM LTG		20	1	C2/LOC	200	17		C	18	540		1	20	ROOF CONVENIENCE RCPTS
STOREFRONT SIGN - BRAND		20	1	C7	1,200	19	A	20	900		1	20	RESTROOM/ HALL RCPTS	
STOREFRONT SIGN - EXAMS		20	1	C7	1,200	21	B	22	3,000		2	40	WATER HEATER (WH)	
INTERIOR SIGNAGE - LAB		20	1	C6	600	23		C	24	3,000				
INTERIOR SIGNAGE - CONTACTS		20	1	C6	600	25	A	26	92	G	1	20	RECIRC PUMP (RP)	
INTERIOR SIGN - BRAND		20	1	C6	600	27	B	28	540		1	20	EW2	
INTERIOR SIGN - OAKLEY		20	1	C6	600	29		C	30	360		1	20	OD RECEPTION DESK
INTERIOR SIGN - RAY-BAN		20	1	C6	600	31	A	32	360		1	20	OD RECEPTION DESK	
SPARE		20	1			33	B	34	360		1	20	OD RECEPTION DESK	
SPARE		20	1			35		C	36	540		1	20	CONTACT LENS RCPTS
SPARE		20	1			37	A	38	720		1	20	CONTACT LENS RCPTS	
SPARE		20	1			39	B	40	720		1	20	ALCOVE RCPTS	
ELECTRICAL ROOM RCPTS		20	1		360	41		C	42		1	20	SPARE	
IT RACK RCPTS		20	1		600	43	A	44	540		1	20	PRETEST #1 RCPTS	
IT RACK RCPTS		20	1		600	45	B	46	720		1	20	PRETEST #1 RCPTS	
IT RACK RCPTS		20	1		600	47		C	48	540		1	20	EXAM #1 RCPTS
LAB ULTRA SONIC CLEANER (EQ24)		20	1	G	180	49	A	50	360		1	20	EXAM #1 RCPTS	
LAB EYE NET STATION (EQ21)		20	1	G	240	51	B	52	680		1	20	EXAM #1 RCPTS	
LAB FRAME WARMER (EQ22A)		20	1	G	1,200	53		C	54	540		1	20	FUTURE EXAM RCPTS
LAB DIAMOND EDGE (EQ11A)		20	1	G	1,200	55	A	56	360		1	20	FUTURE EXAM RCPTS	
LAB LENSOMETER (EQ6A)		20	1	G	180	57	B	58	680		1	20	FUTURE EXAM RCPTS	
LAB FRAME TRACER (EQ45D)		20	1		500	59		C	60	360		1	20	OFFICE RCPTS
LAB LENS EDGER (EQ47E)		20	1		1,200	61	A	62	360		1	20	OFFICE RCPTS	
URGENT CARE LAB MONITOR		20	1		500	63	B	64	1,200		1	20	BOH MICROWAVE	
URGENT CARE LAB RCPTS		20	1		720	65		C	66	900		1	20	BOH FRIDGE
SPARE			1			67	A	68	360		1	20	BOH CONVENIENCE RCPTS	
SPARE			1			69		B	70	500		1	20	SALES LEFT CASH DESK
SPARE			1			71		C	72	500		1	20	SALES LEFT CASH DESK
SPARE			1			73	A	74	500		1	20	SALES RIGHT CASH DESK	
SPARE			1			75	B	76			1	20	SPARE	
SPARE			1			77		C	78		1	20	SPARE	
FULLY BUSSED SPACE						79	A	80	8,940		3	100	PANEL B	
						81	B	82	8,980					
						83		84	8,620					
						83	C	84	8,620					
PHASE A : 32,105 W										CONNECTED 99,237 W		DEMAND 97,556 W		
PHASE B : 33,534 W										275 A		271 A		
PHASE C : 33,598 W														
Y:\_Projects\Active\2021\011202120_0101202120_01.Calcs and Support\2120_01 MEP														

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PANEL: B		LOCATION: ELECTRICAL ROOM										NEMA ENCLOSURE: 1			
SYSTEM: 208/120V., 3P,4W		MAINS: 100A - MLO										CABINET MOUNTING: SURFACE			
FEEDER: SEE RISER DIAGRAM												LUGS: BOTTOM			
OPTIONS:												AIC RATING: 22,000			
LOAD DESCRIPTION		BKR SIZE	BKR POLE	NOTE	WATTS	CCT NO.	PHASE	CCT NO.	WATTS	NOTE	BKR POLE	BKR SIZE	LOAD DESCRIPTION		
SALES PERIM. SWITCHED RCPTS		20	1	C5	1,260	1	A	2	1,200		1	20	NORTH LED WALL RCPTS		
SALES PERIM. SWITCHED RCPTS		20	1	C5	1,440	3	B	4	1,200		1	20	NORTH LED WALL RCPTS		
SALES PERIM. SWITCHED RCPTS		20	1	C5	1,080	5		C	6	1,200		1	20	NORTH LED WALL RCPTS	
SALES PERIM. SWITCHED RCPTS		20	1	C5	1,260	7	A	8	1,200		1	20	SOUTH LED WALL RCPTS		
SALES PERIM. SWITCHED RCPTS		20	1	C5	1,440	9	B	10	1,200		1	20	SOUTH LED WALL RCPTS		
SALES PERIM. SWITCHED RCPTS		20	1	C5	1,440	11		C	12	1,200		1	20	SOUTH LED WALL RCPTS	
SALES PERIM. SWITCHED RCPTS		20	1	C5	1,080	13	A	14	1,000		1	20	SALES NORTH DIGITAL FIXTURE		
SALES HALF-SWITCHED FLOORBOX		20	1	C4	500	15	B	16	1,000		1	20	SALES NORTH DIGITAL FIXTURE		
SALES HALF-SWITCHED FLOORBOX		20	1	C4	500	17		C	18	1,000		1	20	SALES SOUTH DIGITAL FIXTURE	
SALES HALF-SWITCHED FLOORBOX		20	1	C4	500	19	A	20			1	20	SPARE		
SALES FLOORBOX		20	1		500	21	B	22	600		1	20	CASH DESK TV MONITORS		
SALES FLOORBOX		20	1		500	23	C	24	600		1	20	CASH DESK TV MONITORS		
SALES PERIM. SWITCHED RCPTS		20	1	C5	1,440	25	A	26			1	20	SPARE		
SALES FLOORBOX		20	1		500	27	B	28	600		1	20	OD RECEPTION TV MONITORS		
SALES FLOORBOX		20	1		500	29		C	30	600		1	20	OD RECEPTION TV MONITORS	
SPARE		20	1			31	A	32			1	20	SPARE		
SPARE		20	1			33	B	34			1	20	SPARE		
SPARE		20	1			35		C	36		1	20	SPARE		
FULLY BUSSED SPACE						37	A	38					FULLY BUSSED SPACE		
						39	B	40							
						41		C	42						
PHASE A : 8,940 W												CONNECTED 26,540 W		DEMAND 24,570 W	
PHASE B : 8,980 W												74 A		68 A	
PHASE C : 8,620 W															
Y:\_Projects\Active\202101201220 01\1201220 01 Cals and Support\2120 01 MEP															

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PANEL SCHEDULE NOTES	
General Notes:	
BALANCE PANELS WITHIN 10% PHASE TO PHASE.	
Circuit Key Notes:	
LOC	HANDLE LOCK "OFF/ON" CLAMP DEVICE
HACR	HEATING, AIR CONDITION AND REFRIGERATION RATED BREAKER
G	GROUND FAULT CIRCUIT INTERRUPTING BREAKER
C#	ROUTE CIRCUIT THROUGH CONTACTOR INDICATED

ELECTRICAL SERVICE LOAD SUMMARY			
LOAD DESCRIPTION	CONNECTED WATTAGE	DEMAND FACTOR	DEMAND WATTAGE
LIGHTING	1,930	125%	2,412
TRACK LIGHTING ****	2,235	60 A	7,200
SHOW WINDOW LIGHTING	390	200 W/FT	2,800
RECEPTACLES	26,880	1ST 10KW @ 100% REMAINING @ 50%	10,000 8,440
KITCHEN EQUIPMENT	0	*** UP TO 65% 0 PC	0
CONTINUOUS MOTORS	7,231	125%	9,039
NON-COUNTINUOUS MOTORS	0	100%	0
AIR CONDITIONING *	26,732	100% FULL A/C LOAD	26,732
HEATING *	0	0% FULL HEATING LOAD	0
HEAT PUMP(S)	0	100%	0
ELEVATORS **	0	0%	0
UPS (COMPUTER LOAD)	0	100%	0
WATER HEATER	0	100%	0
CONTINUOUS WATER HEATER	6,000	125%	7,500
MISCELLANEOUS	27,840	100%	27,840
TOTAL WATTS			101,963
TOTAL AMPERAGE			283
NOTES:			
* USE GREATER LOAD OF THE TWO CATEGORIES			
** NUMBER OF ELEVATORS: 1=100%,2=95%,3=90%,4=85%,5=82%,6=79%,7=77%,8=75%,9=73%,10 OR MORE =72%			
*** PIECES OF EQUIPMENT: 1-2 = 100%, 3 = 90%, 4 = 80%, 5 = 70%, 6 AND MORE = 65%			
**** SUM OF VA RATINGS OF TRACK CURRENT LIMITING DEVICES			
REQUIRED ELECTRICAL SERVICE			400 AMPS

PROFESSIONAL CERTIFICATION I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MISSOURI

ADRIAN T. FRANKS  
NAME:  
ELECTRICAL ENGINEER  
DISCIPLINE:

PE-2012032391  
LICENSE NUMBER:

RELEASED FOR CONSTRUCTION  
As Noted on Plans Review  
DESIGN & CONSTRUCTION  
Development Services Department  
Lee's Summit, Missouri  
950-772-7271

NEXTORE  
4000 Luxottica Place, Mason, OH 45040  
1 (513) 765-6006  
1 (800) 411-0700

STORE # 1643  
SUMMITWOODS CROSSING  
1700 NW CHIPMAN RD  
LEE'S SUMMIT, MO 64081

Construction for:

LENSCRAFTERS  
A Subsidiary of the Luxottica Group  
4000 Luxottica Place Mason, Ohio 45040

Mark	Date	By
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DIALECTIC ENGINEERING

Dialectic, Inc.  
310 W 20th Street, Suite 200  
Kansas City, MO 64108  
Missouri Certificate of Registration Number 15882 Copyright 2021

T 816-997-9801  
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DialecticEng.com

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Seal  
ADRIAN T. FRANKS  
NUMBER PE-2012032391  
10/04/2021

Architect Job No.: LUX-305</

**NEXTORE**  
8000 Luxottica Place, Mason, OH 45040  
1-800-997-9602  
1-816-997-9602  
1-816-997-9602

**STORE # 1643**  
**SUMMITWOODS CROSSING**  
1700 NW CHIPMAN RD  
LEE'S SUMMIT, MO 64081

Construction for:

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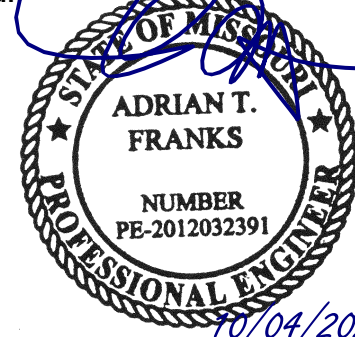
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Professional Engineer  
Authorization Number 1582  
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Seal



Architect Job No.:

LUX-305

Nextore Store Design Revision No.:

**REV 06**

Nextore project

Number 84169

Brand Design Type:

LC06 AUGNORM

ISSUED FOR:

Construction

Title

**ELECTRICAL  
GENERAL NOTES  
& DETAILS**

Date

10/01/21

Drawn By

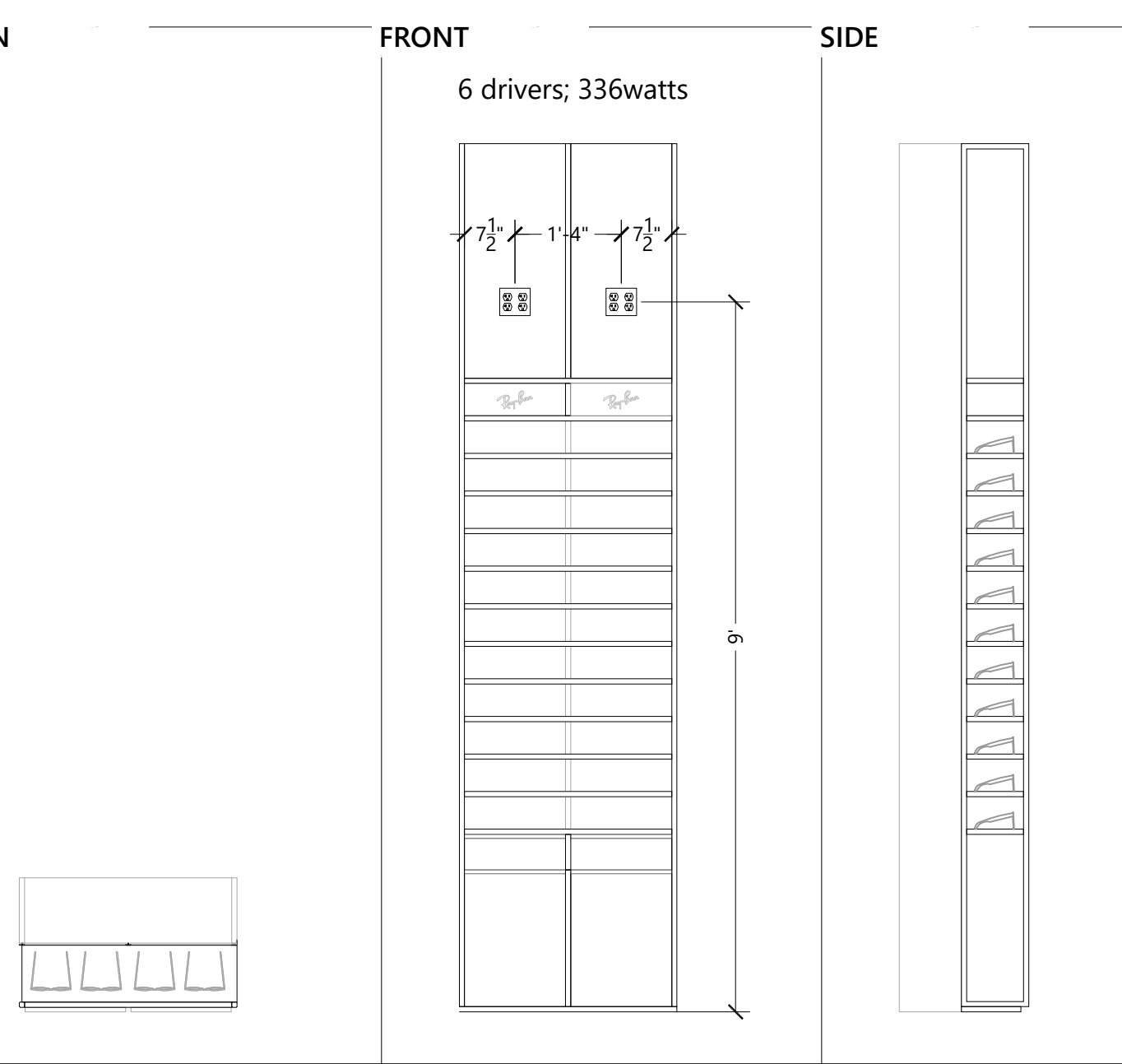
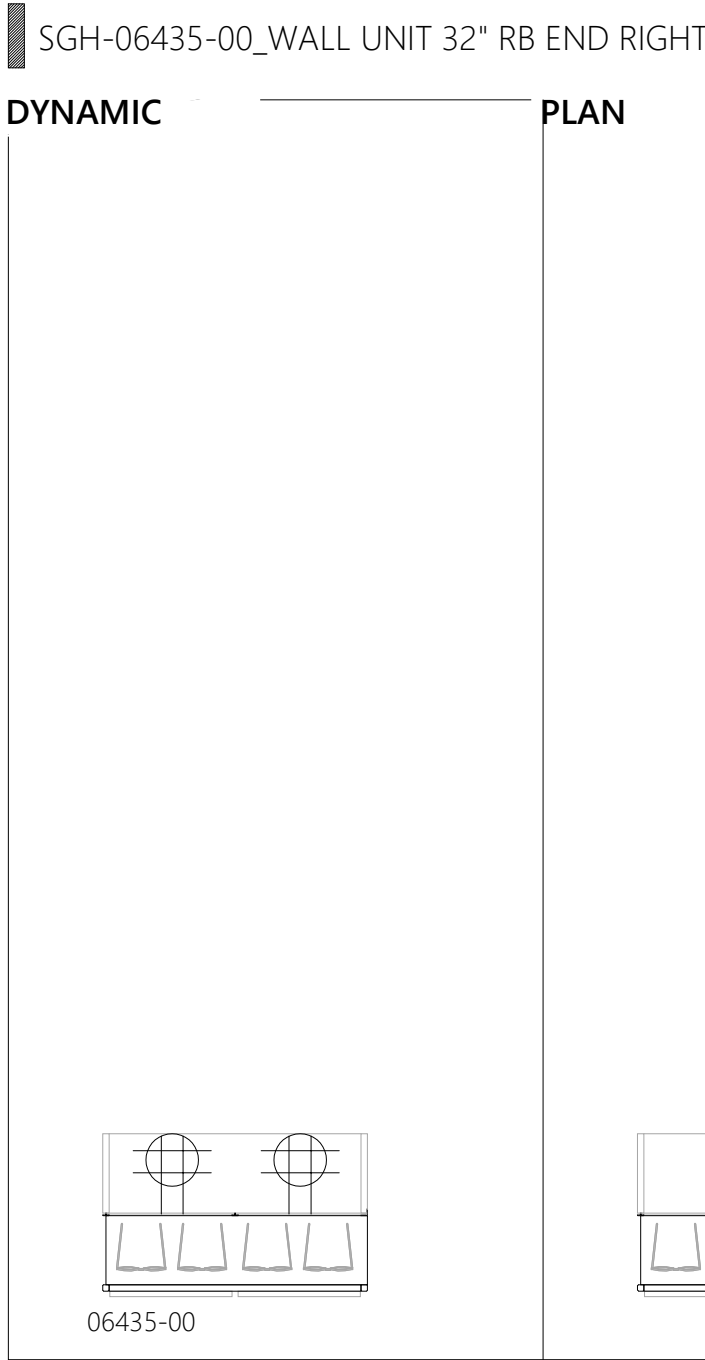
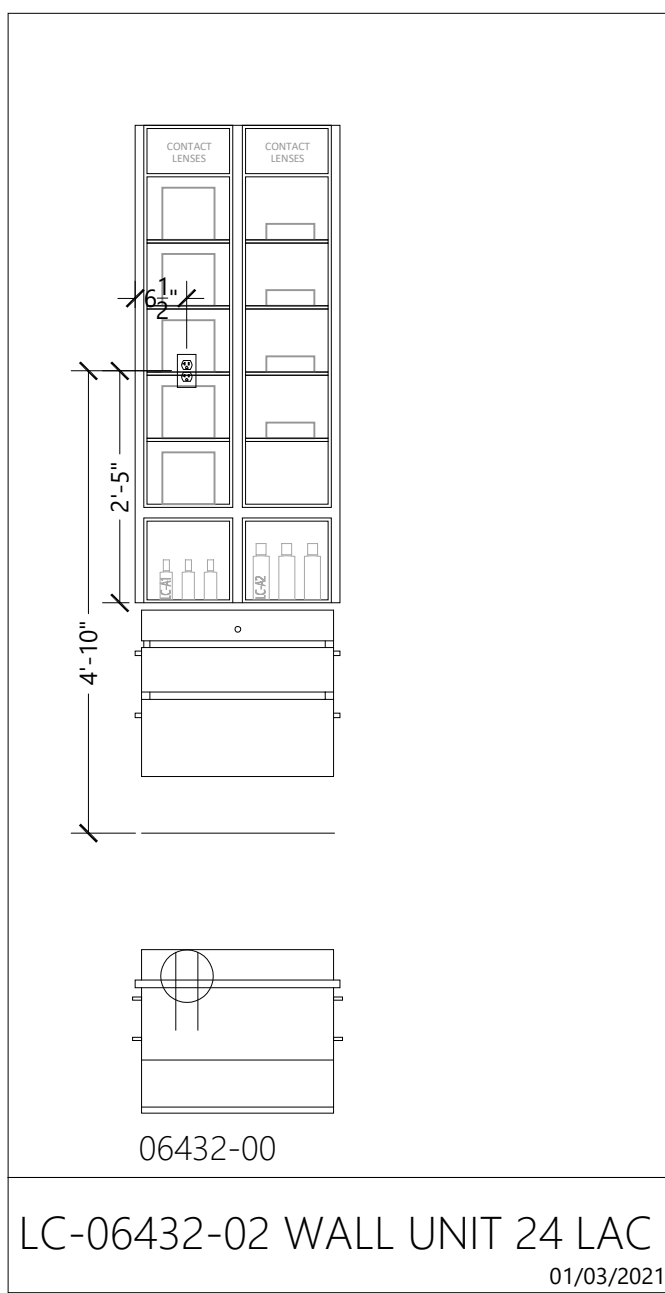
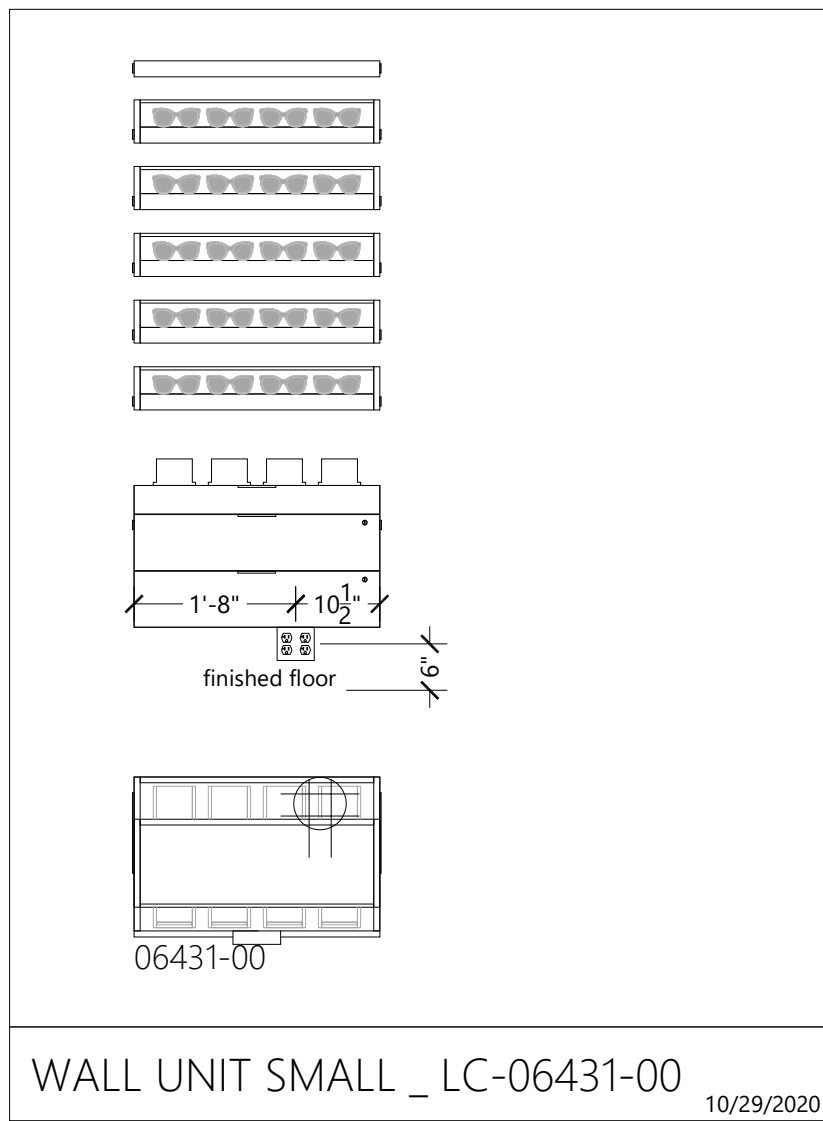
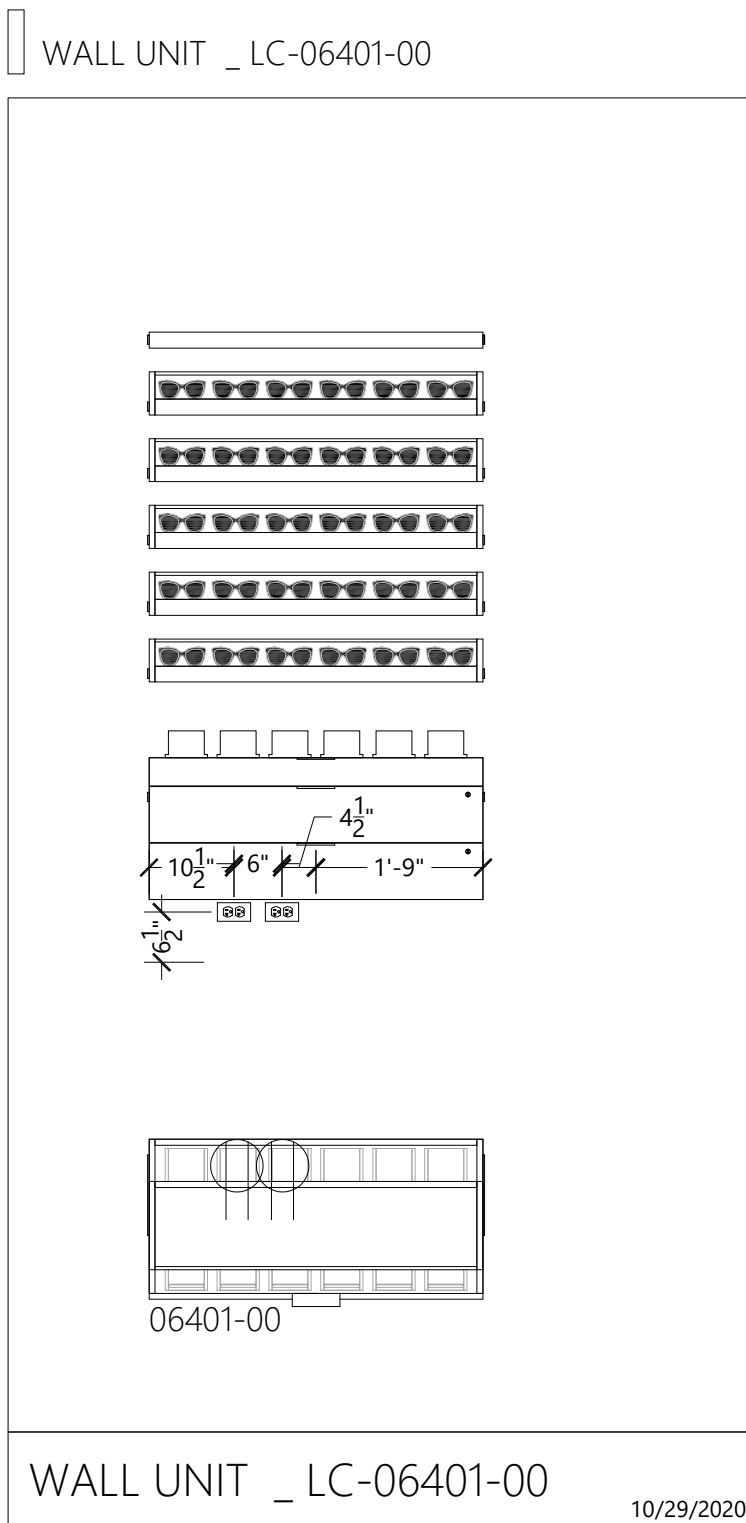
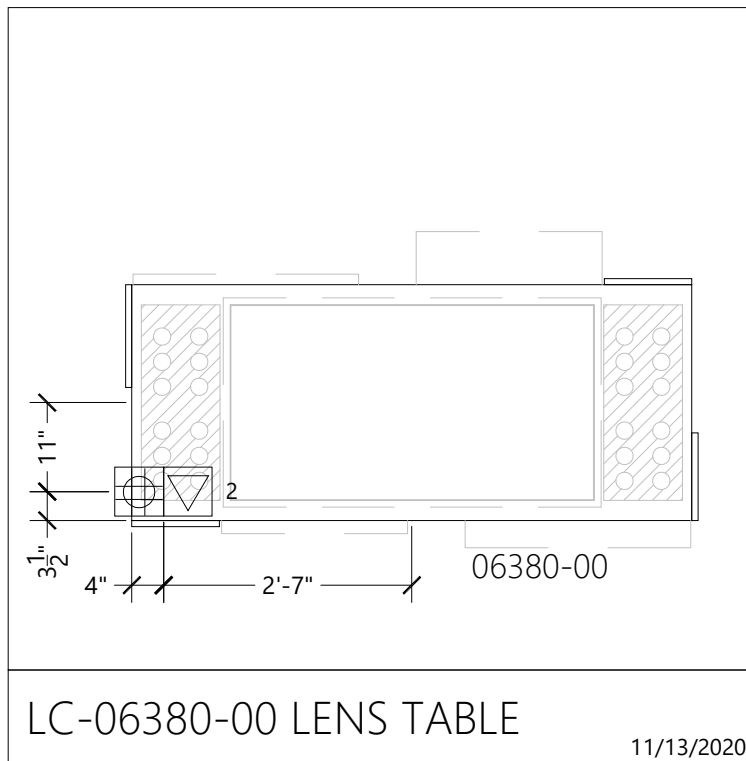
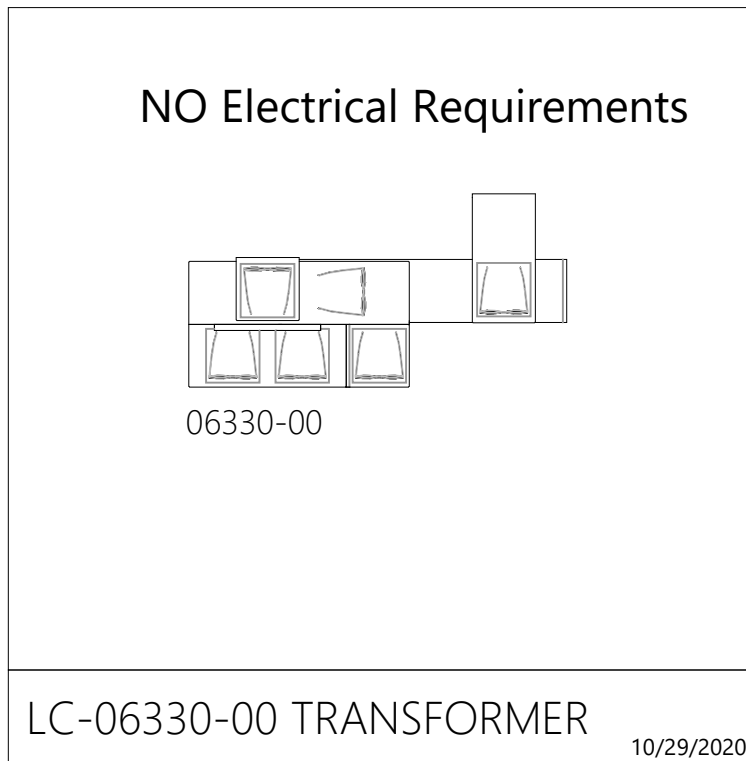
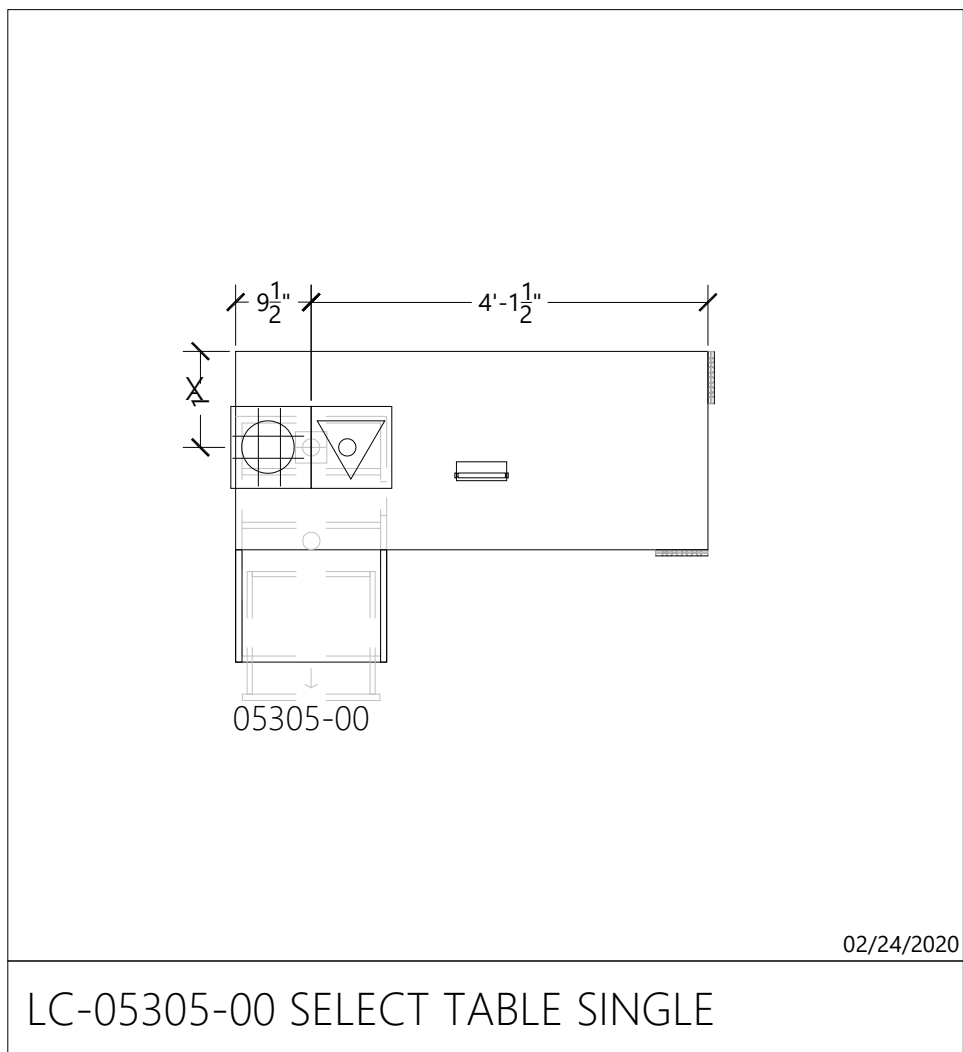
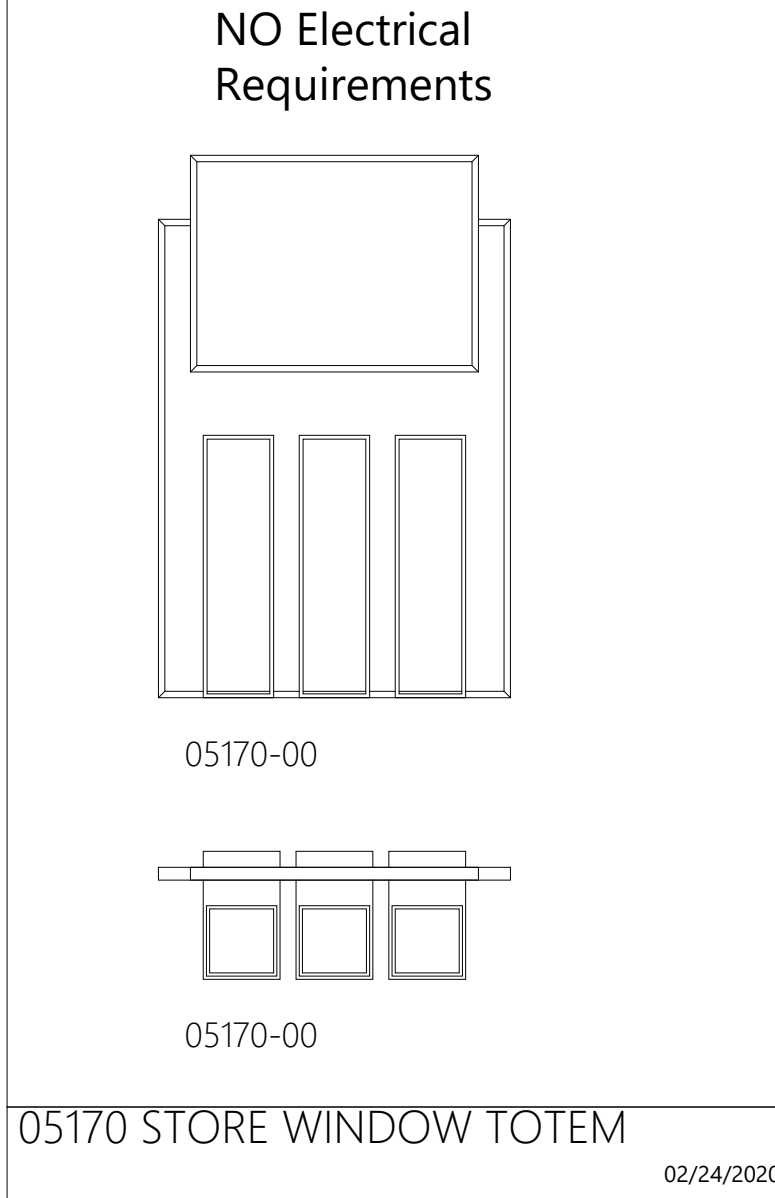
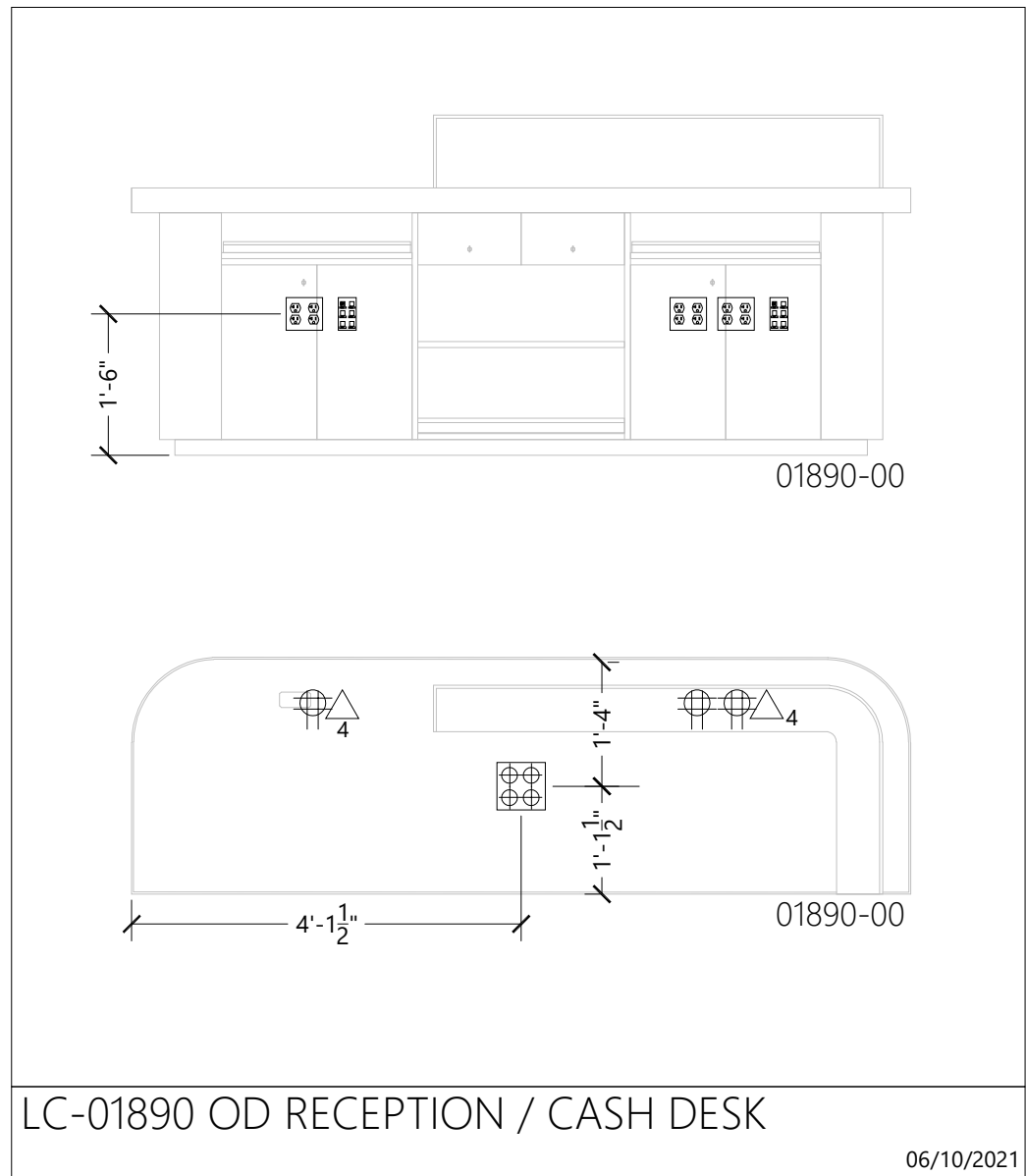
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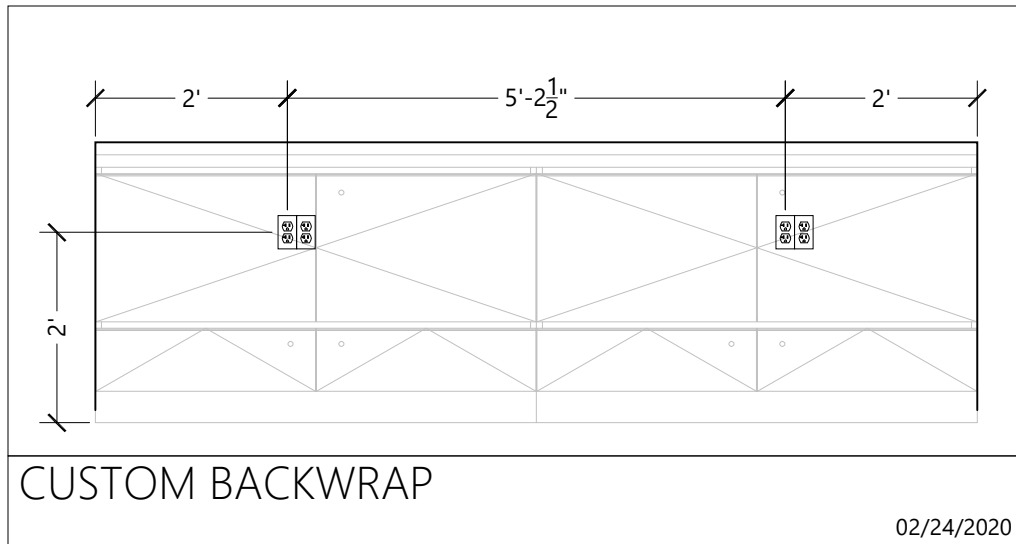
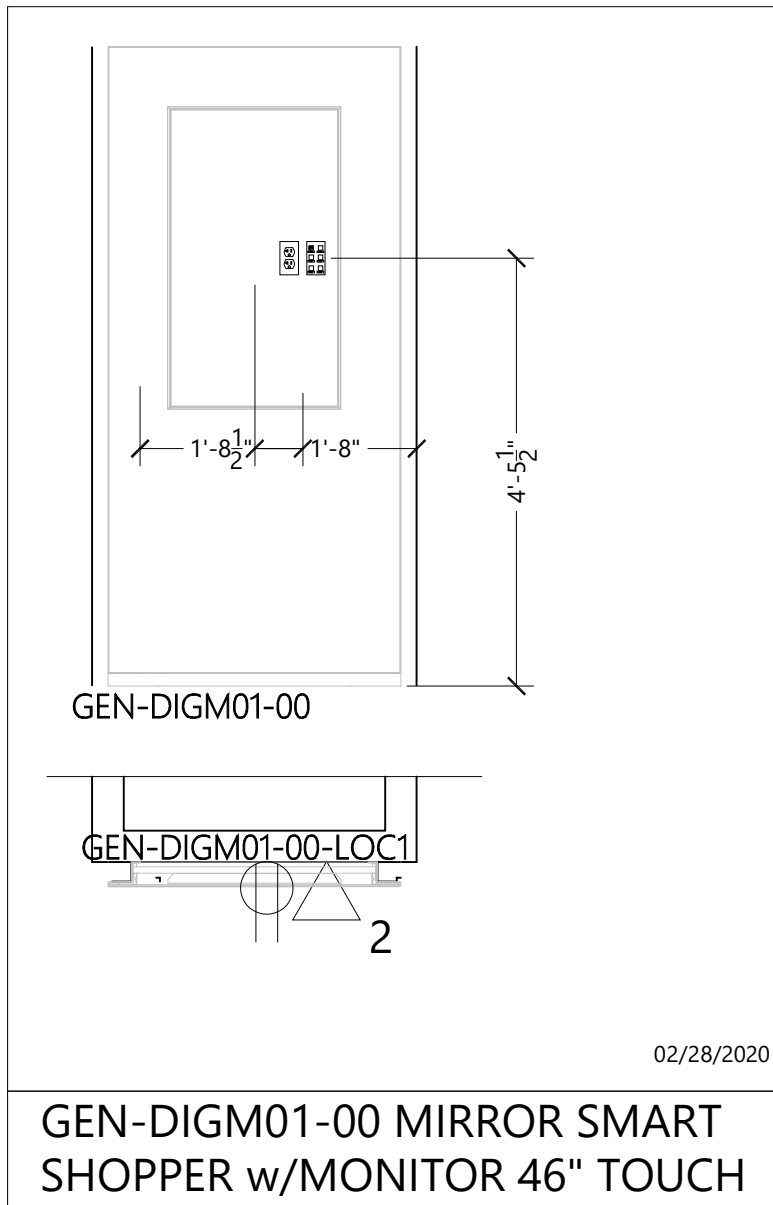
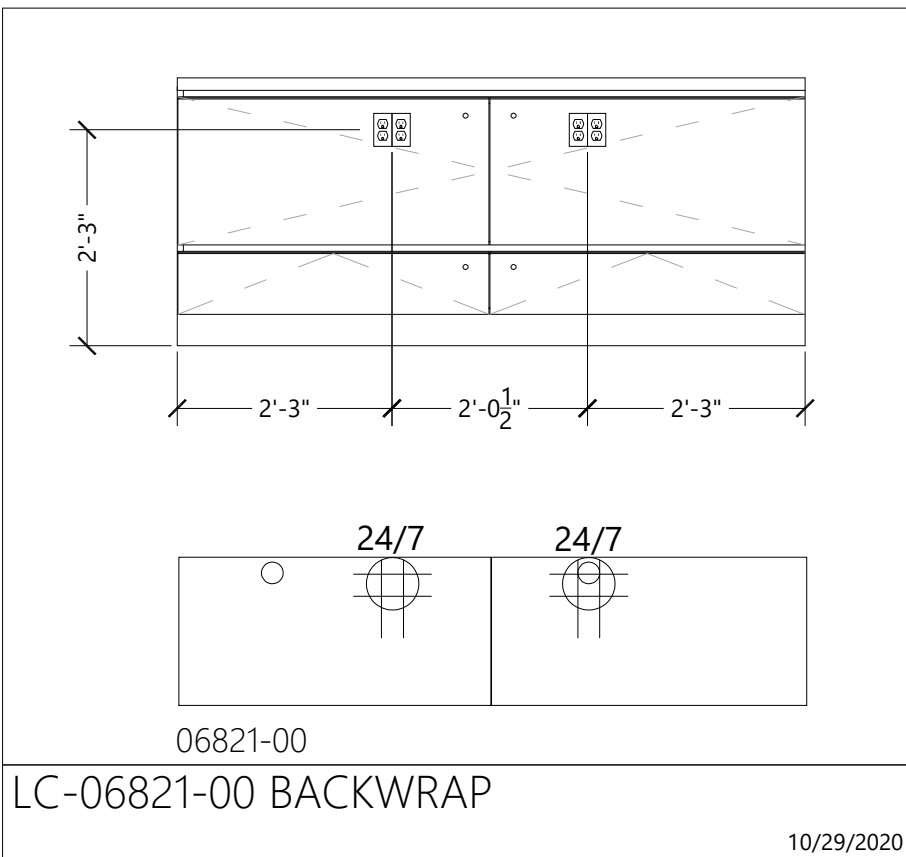
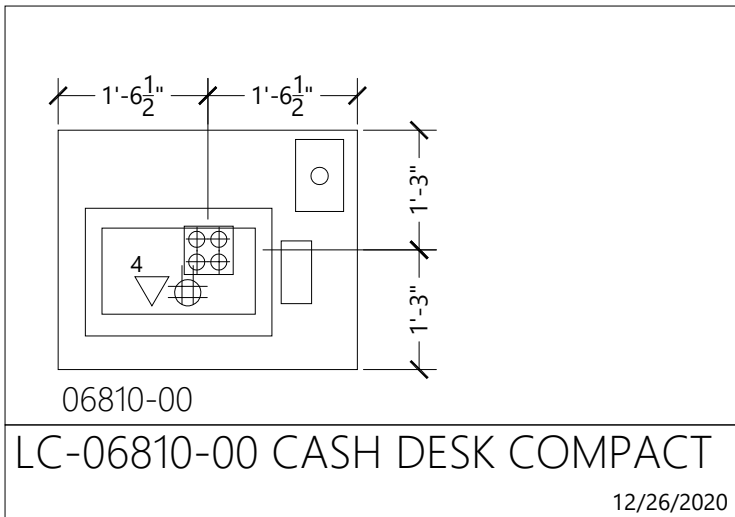
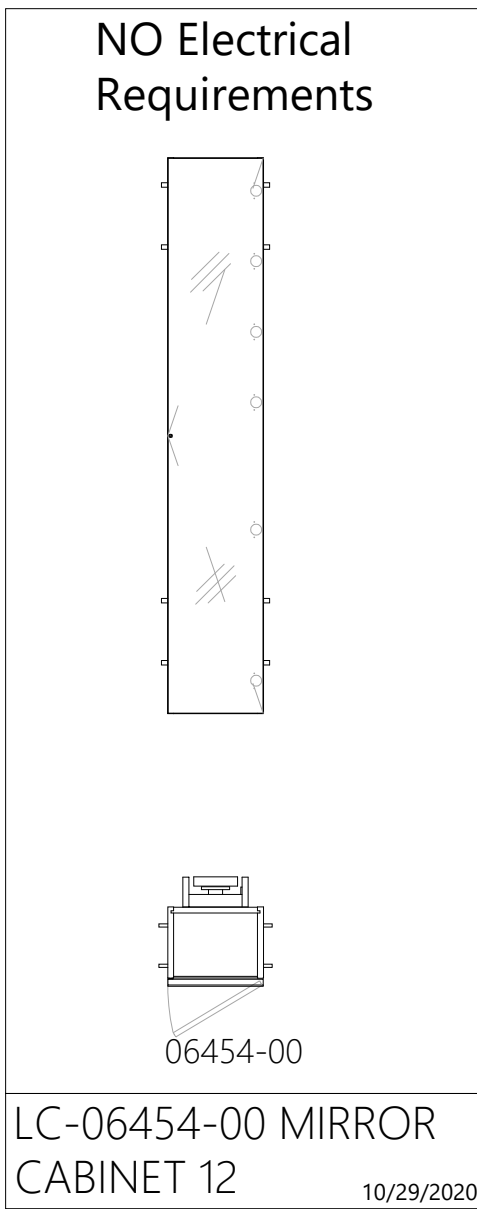
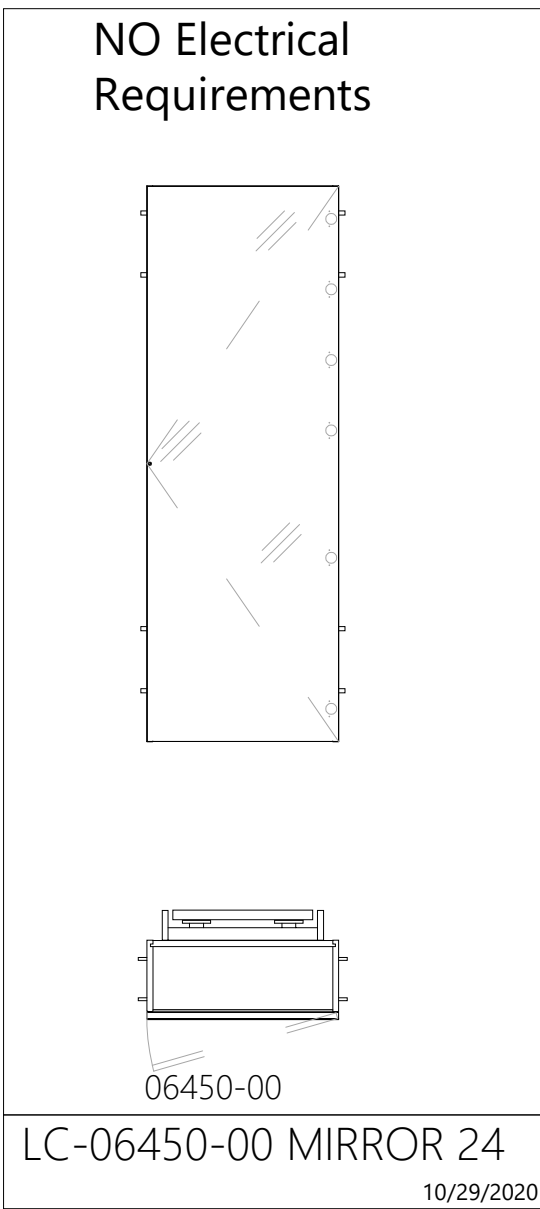
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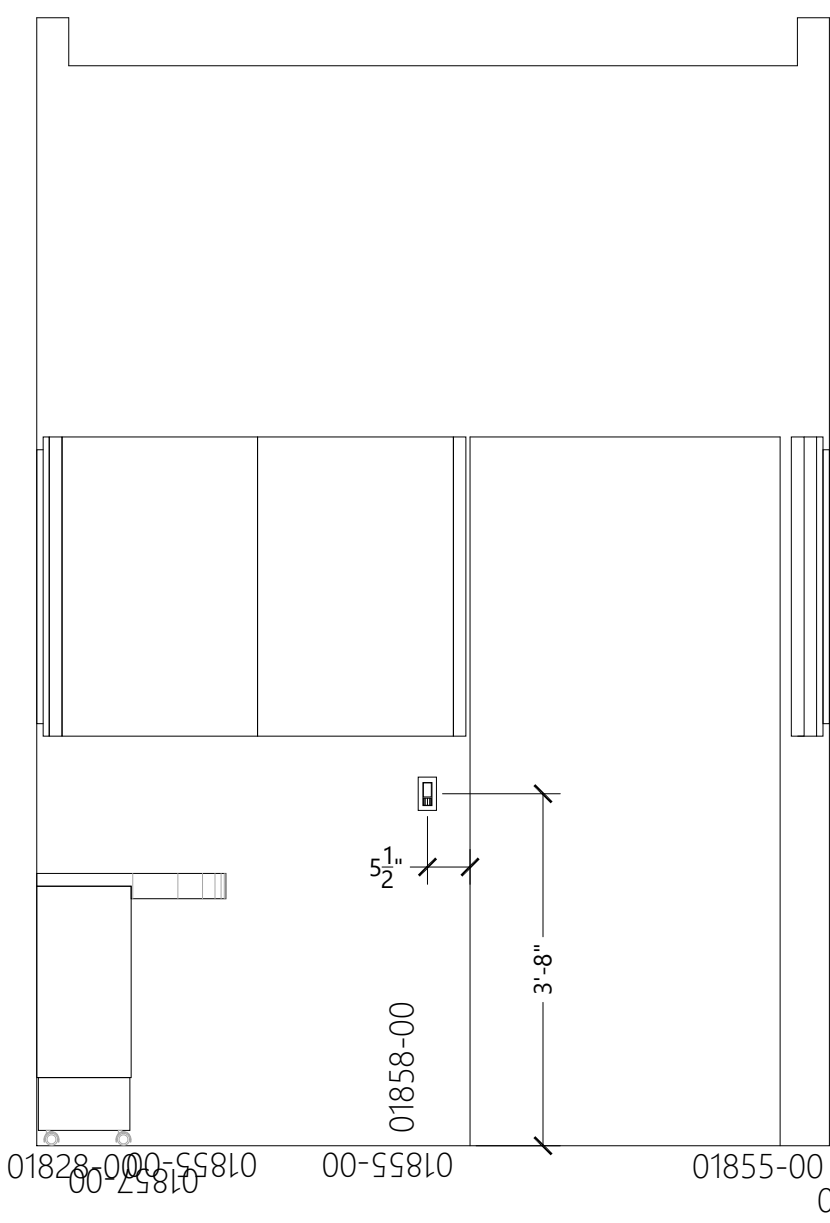
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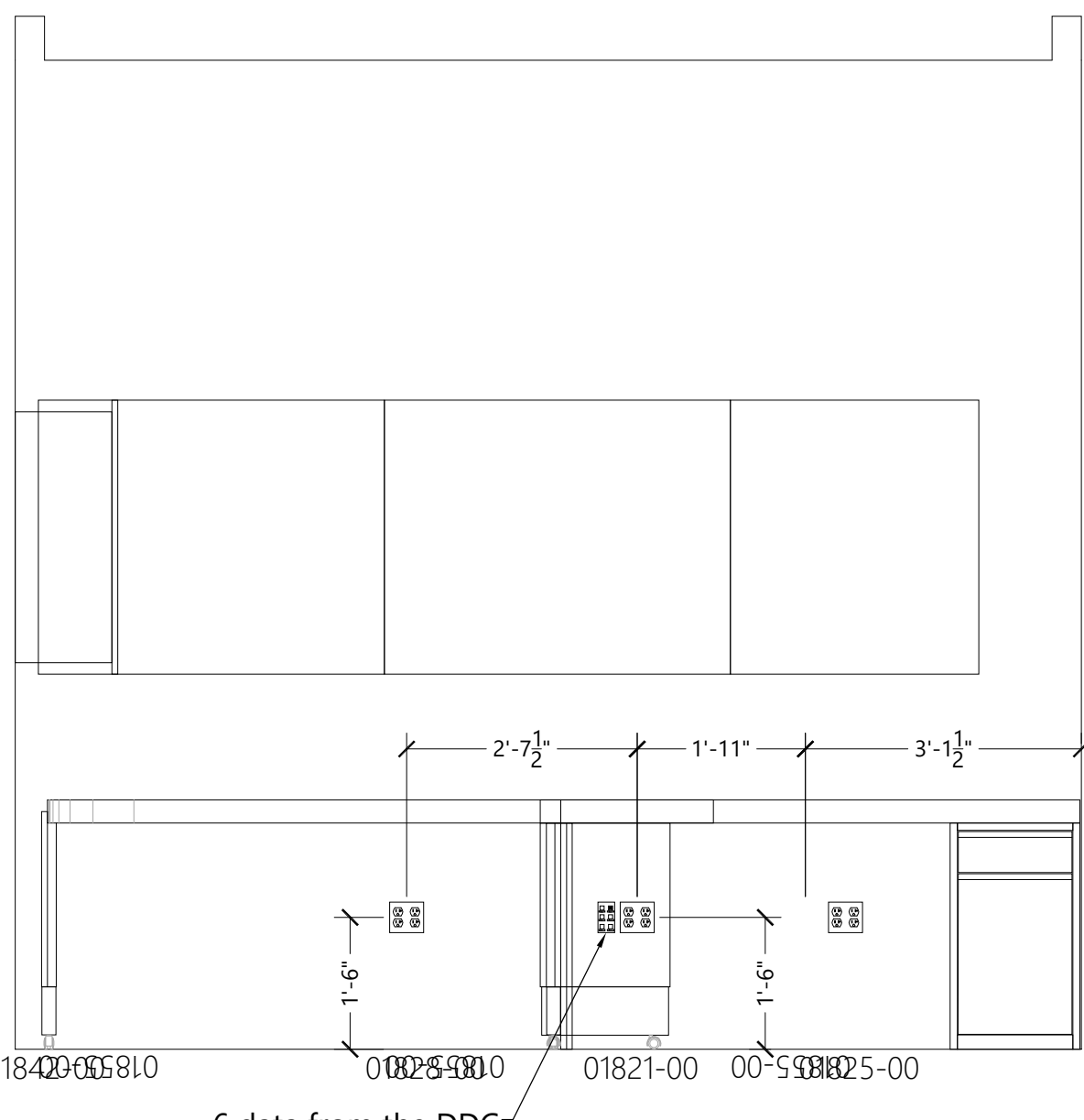
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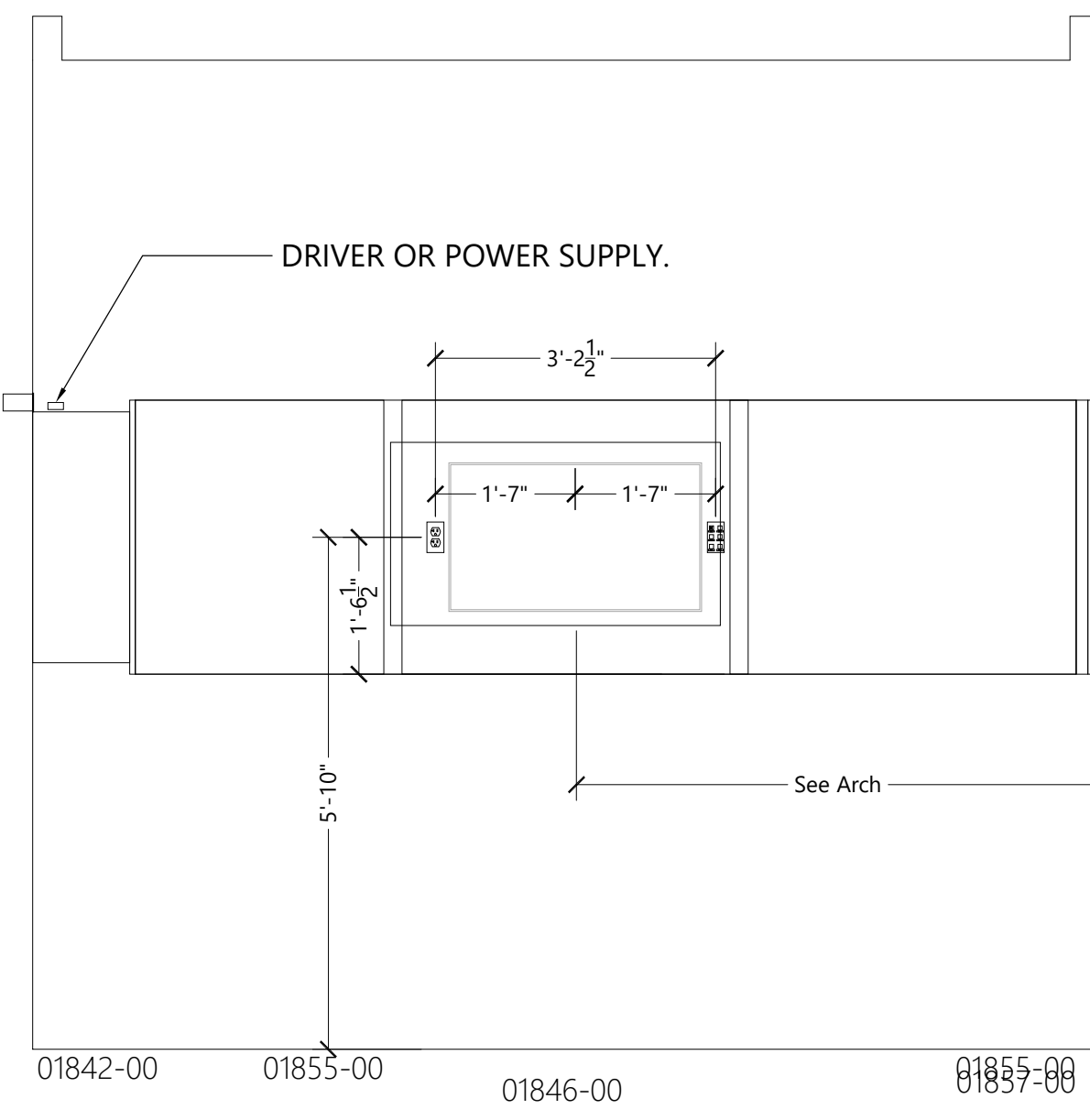




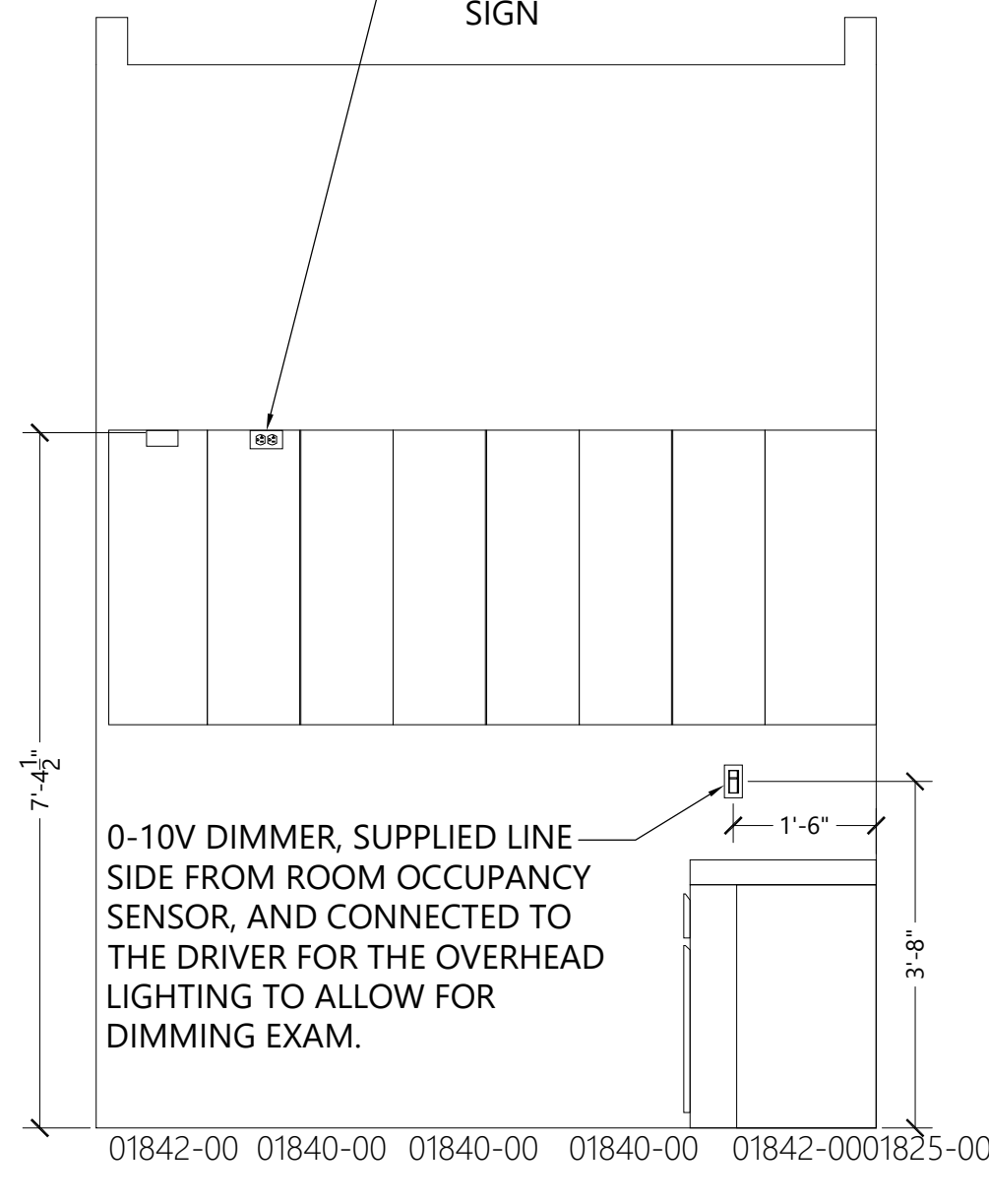
**T** PRETEST ROOM  
SCALE: NONE



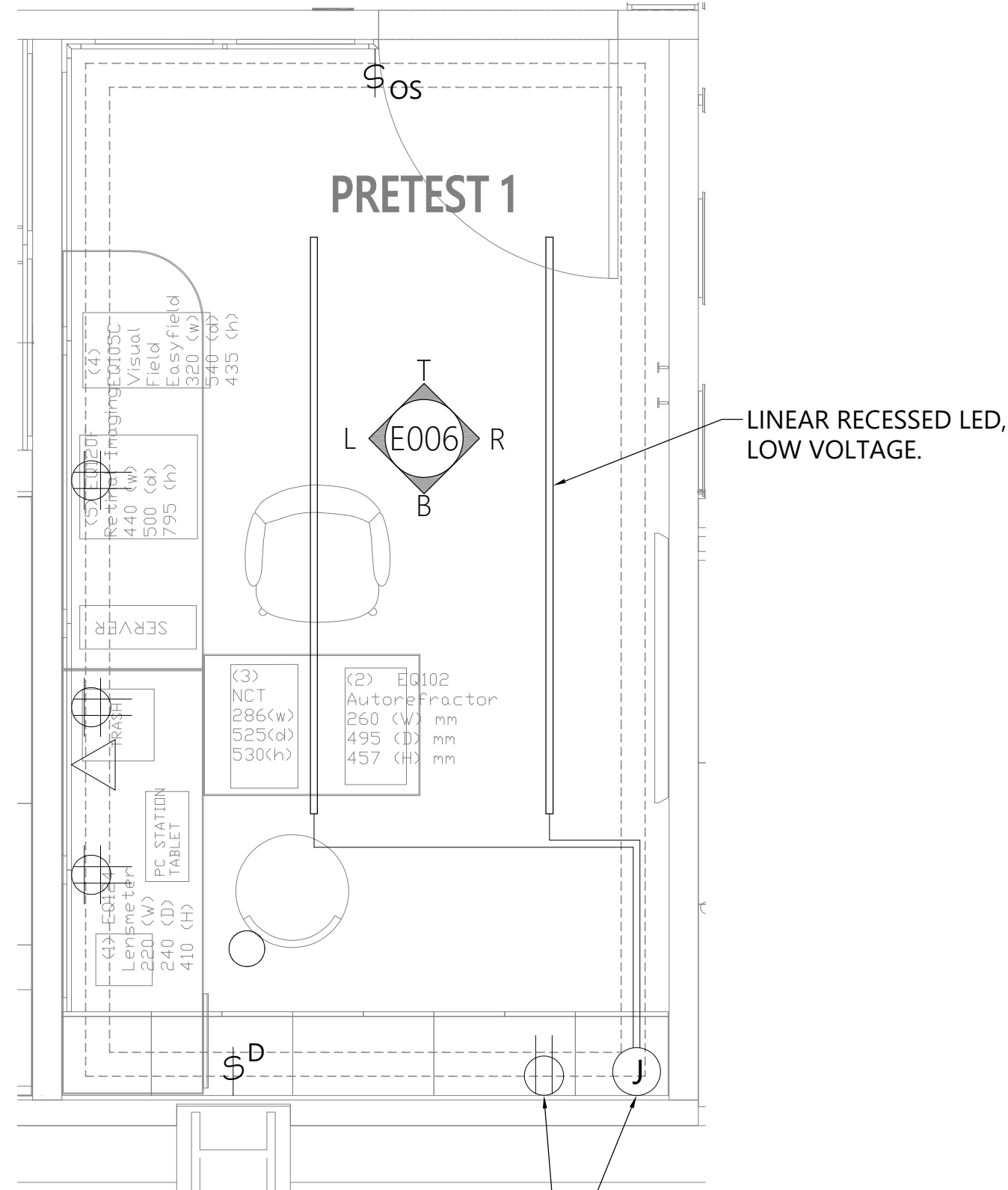
**L** PRETEST ROOM  
SCALE: NONE



**R** PRETEST ROOM  
SCALE: NONE



**B** PRETEST ROOM  
SCALE: NONE



Construction for:

**LENSCRAFTERS**  
A Subsidiary of the Luxottica Group  
4000 Luxottica Place Mason, Ohio 45040

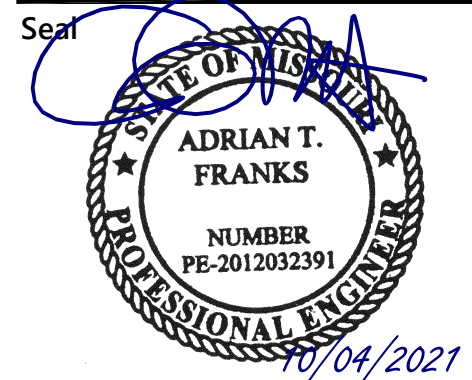
Revisions:

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Kansas City, MO 64108 DialecticEng.com  
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Architect Job No.:  
LUX-305

Nextore Store Design Revision No.:

**REV 06**

Nextore project Number  
84169

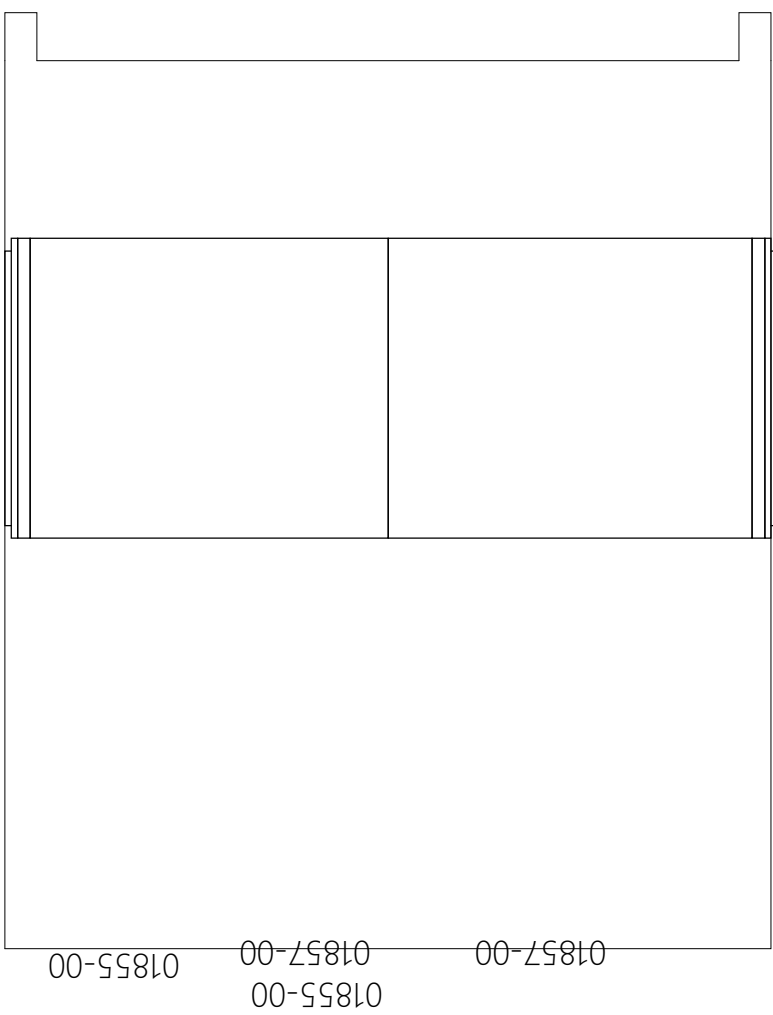
Brand Design Type:  
LC06 AUGNORM

ISSUED FOR:  
☐ Construction

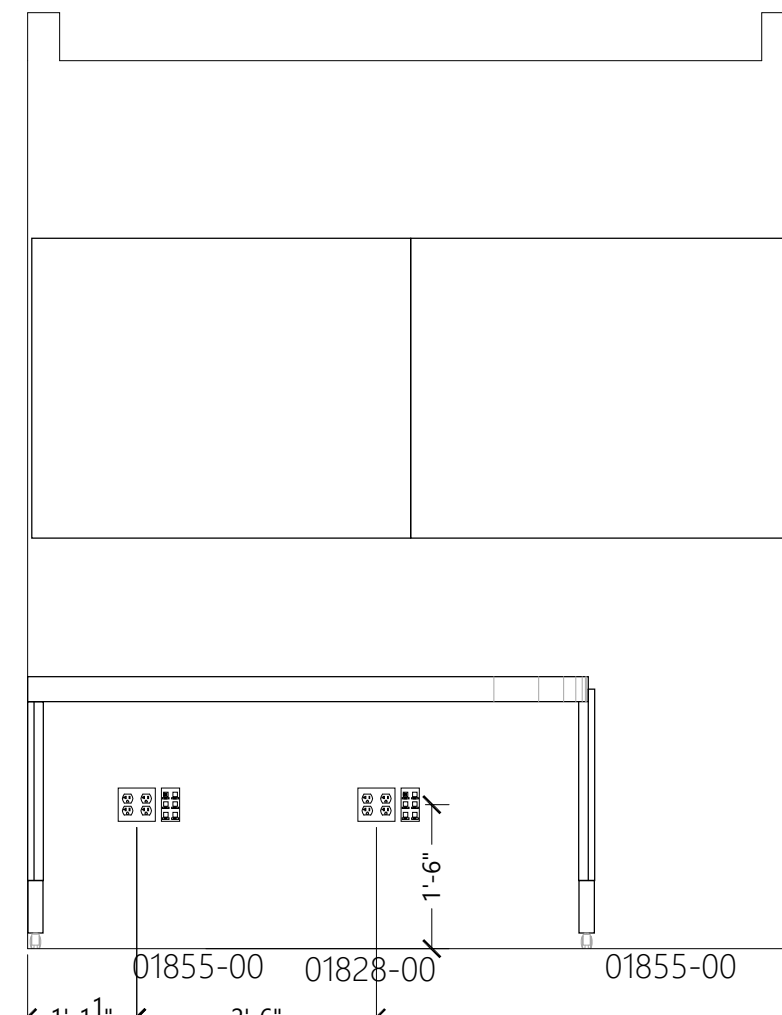
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**TYPICAL PRETEST & OFFICE ROOMS**

Date	Sheet
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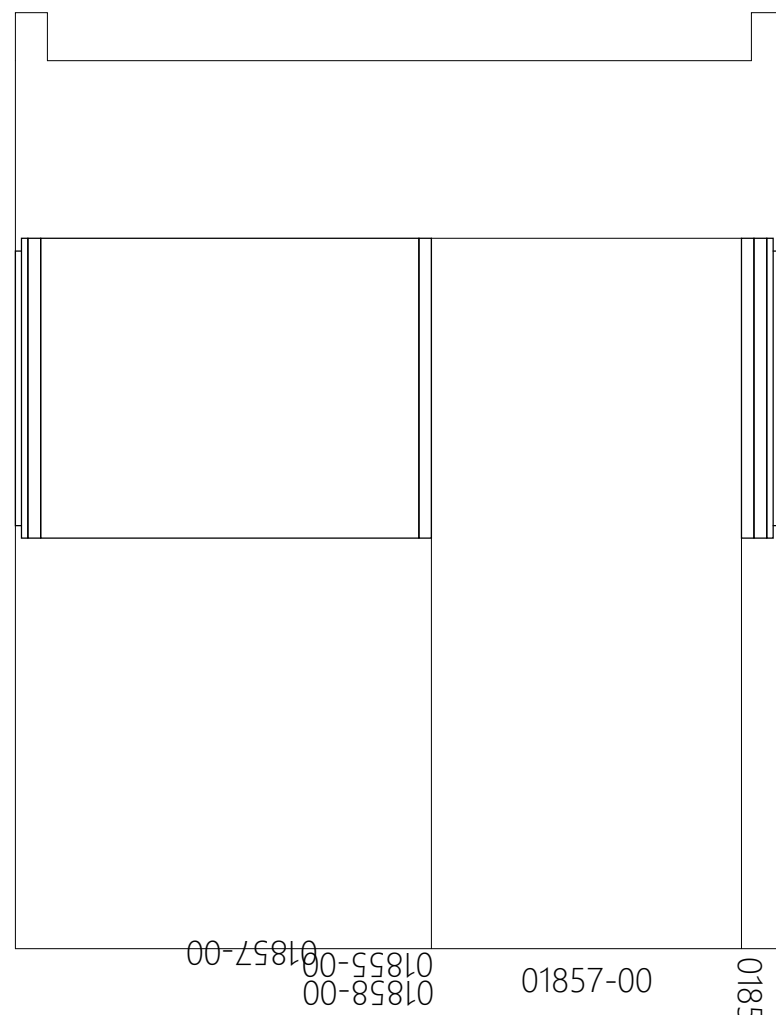
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ADRIAN T FRANKS  
NAME: ELECTRICAL ENGINEER PE-2012032391  
DISCIPLINE: LICENSE NUMBER



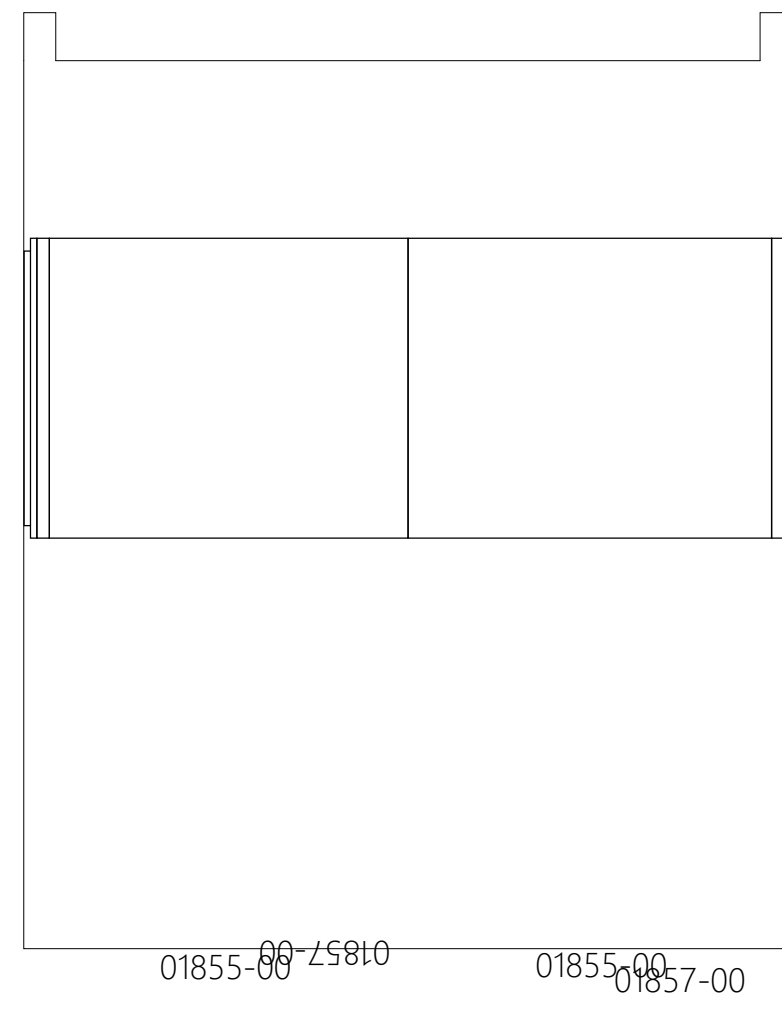
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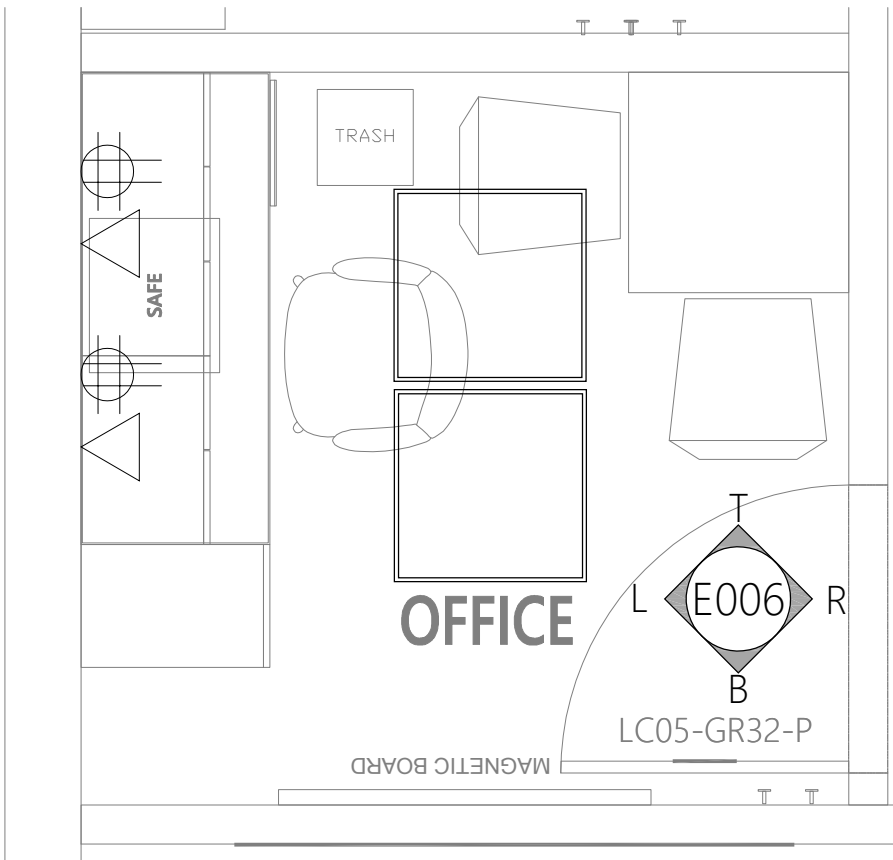
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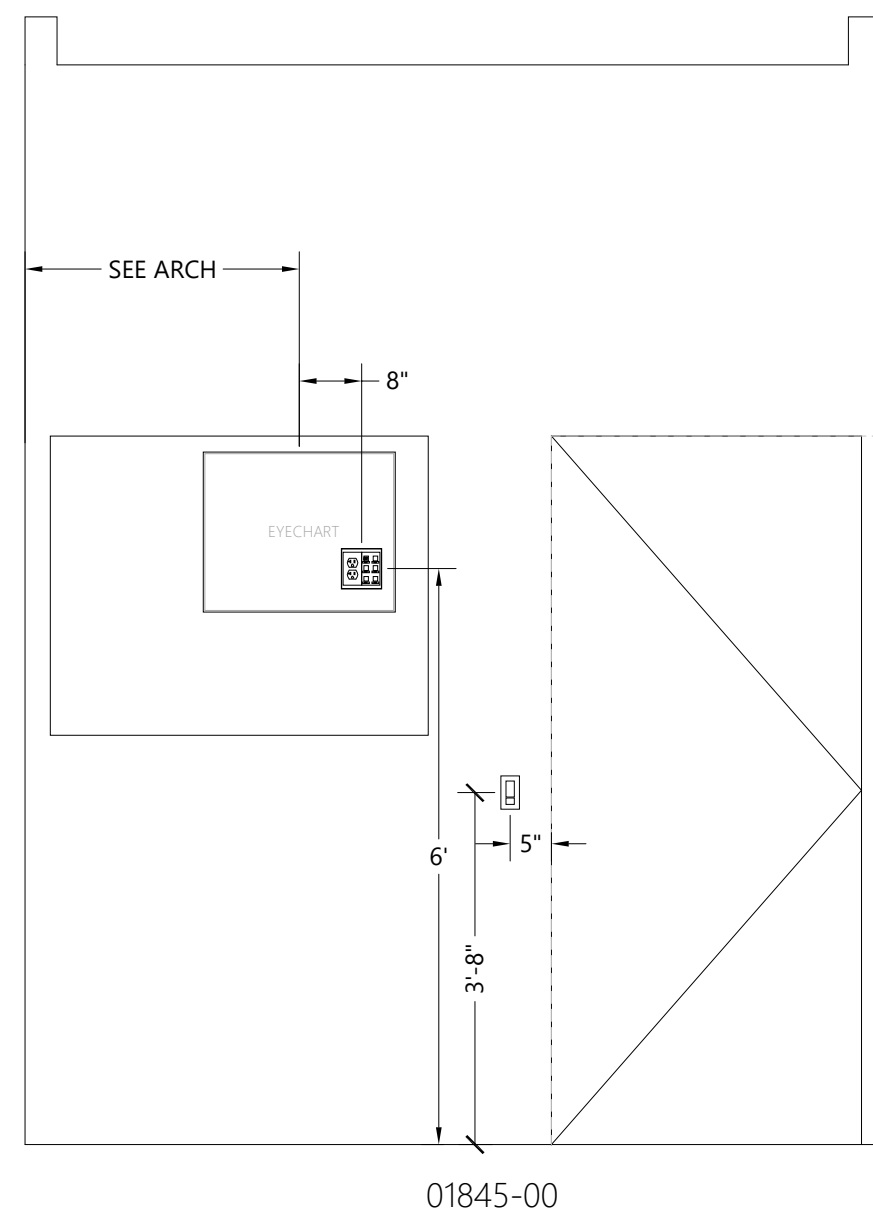


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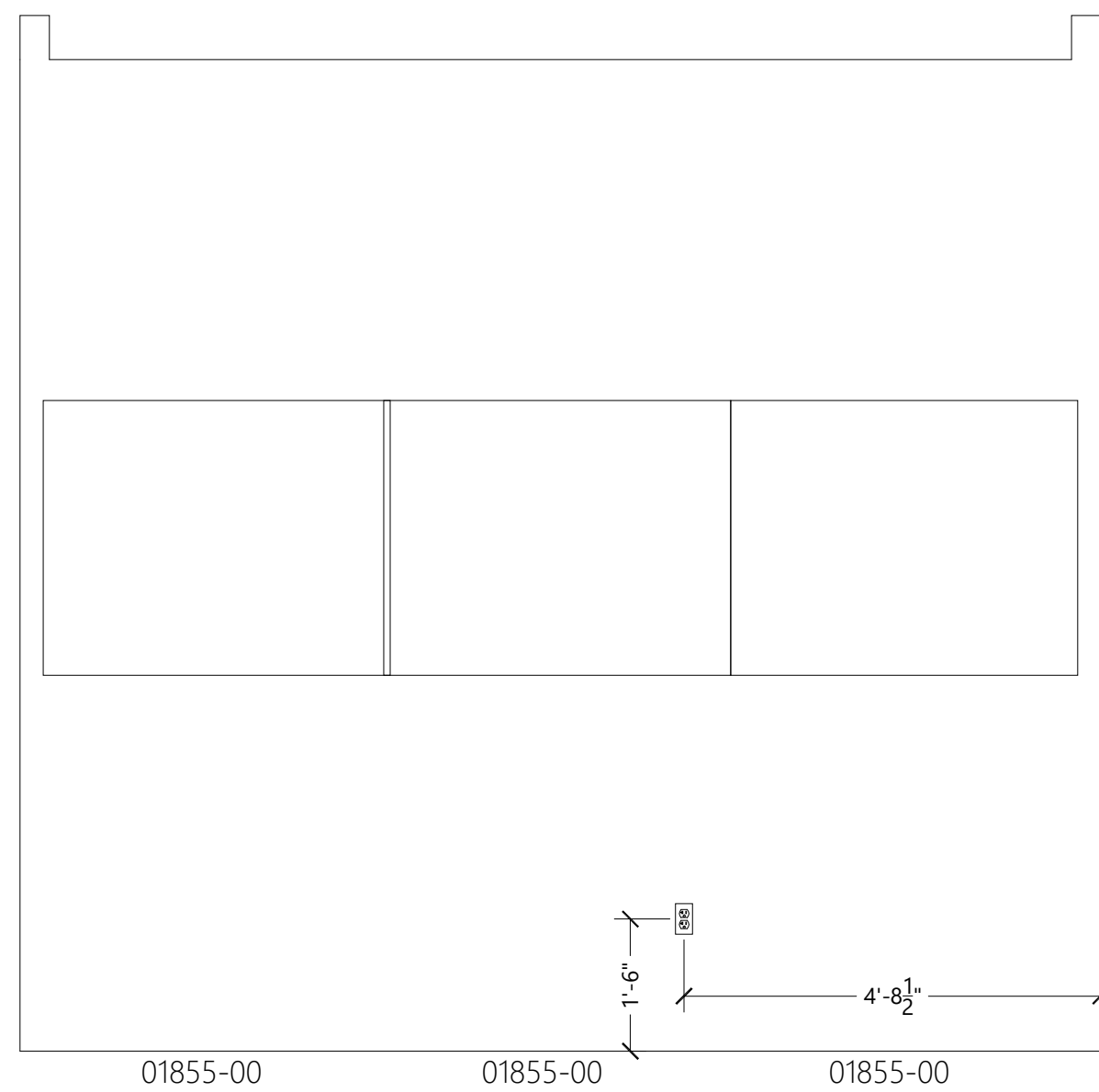


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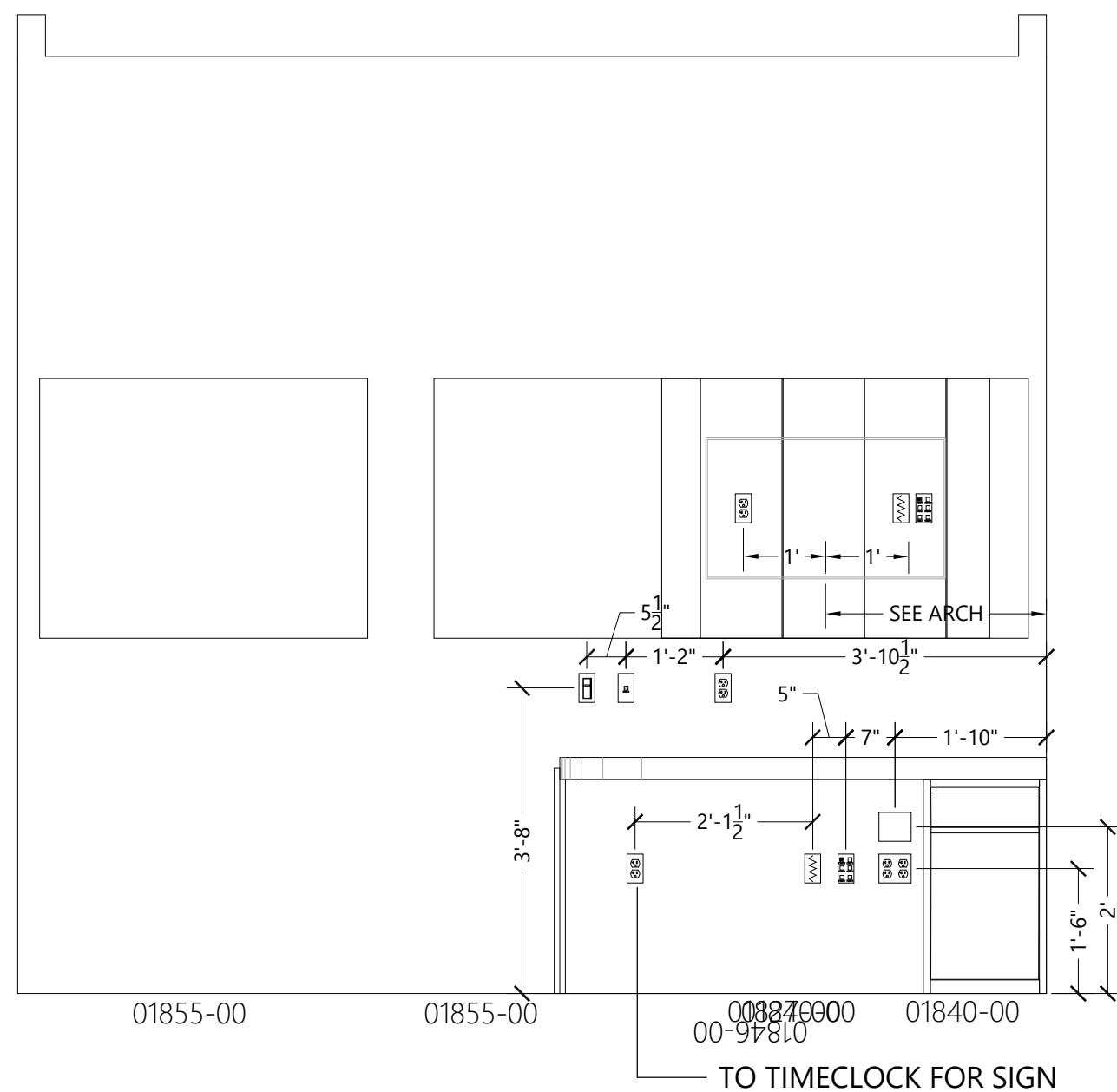




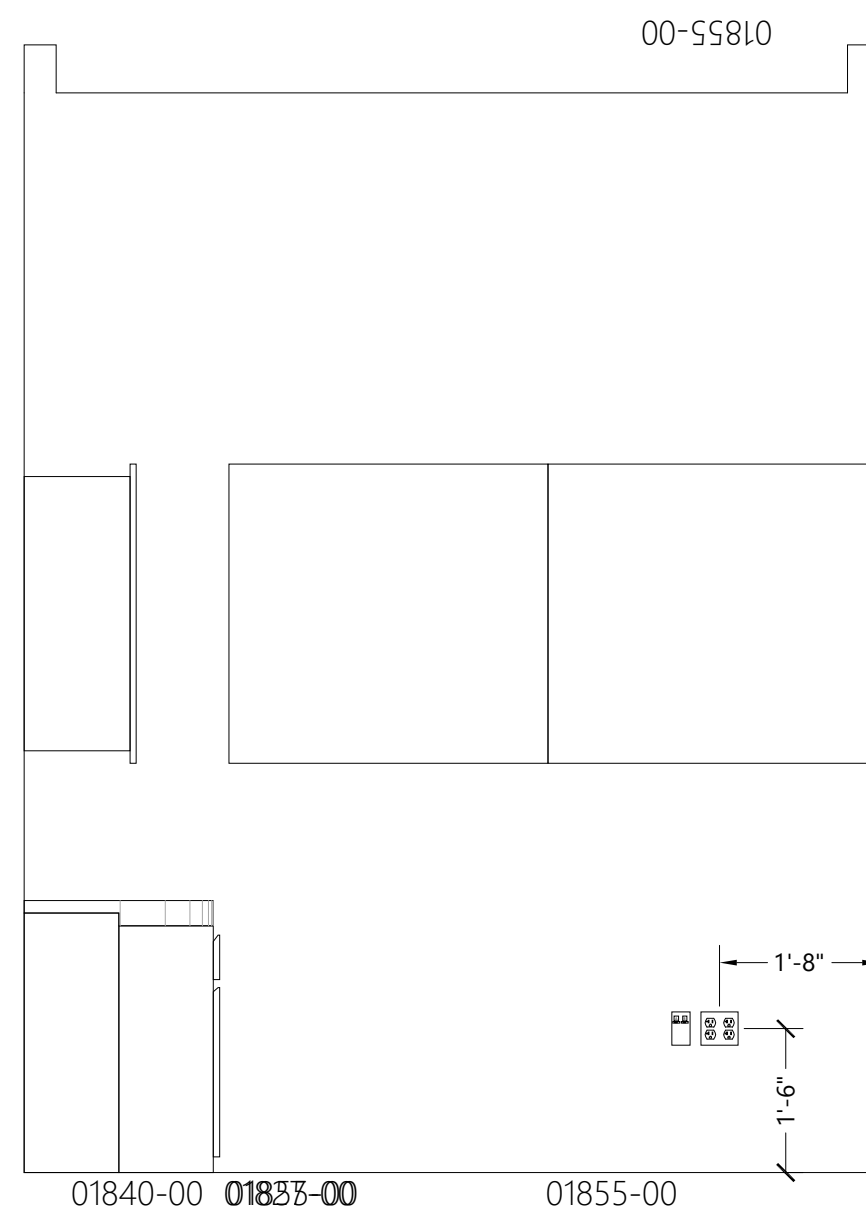
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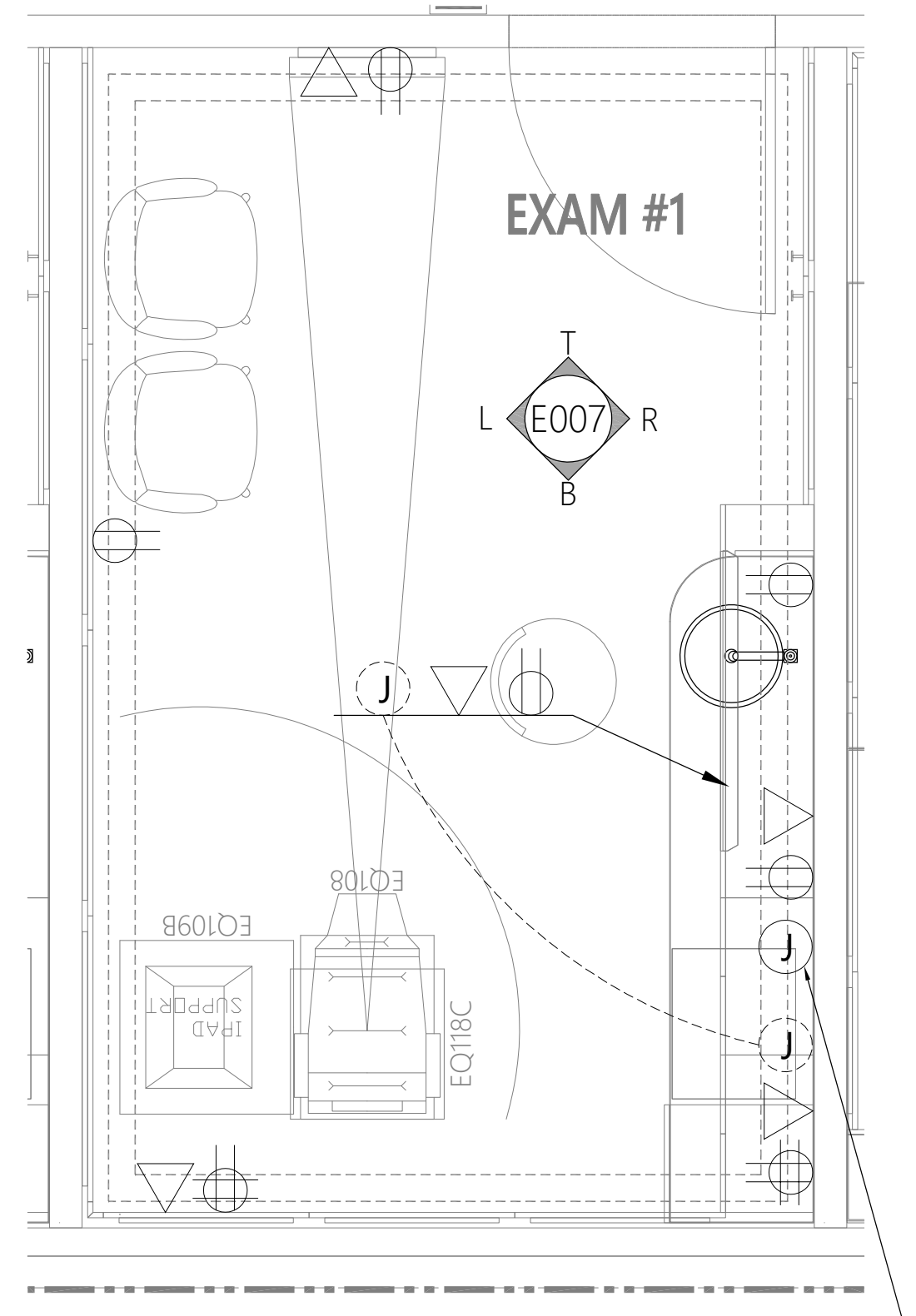
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SCALE: NONE



CONNECT LOW VOLTAGE LIGHTING  
TO DRIVERS CONTROLLED ON/OFF  
VIA ROOM OCCUPANCY SENSOR  
AND DIMMED VIA 0-10V DIMMER.

**STORE # 1643**  
**SUMMITWOODS CROSSING**  
 1700 NW CHIPMAN RD  
 LEE'S SUMMIT, MO 6408

Construction for:

**LENSCRAFTERS**  
A Subsidiary of the Luxottica Group  
4000 Luxottica Place Mason, Ohio 45040

Revisions:

Mark	Date	By
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Measure Certificate of  
Construction Number 1582

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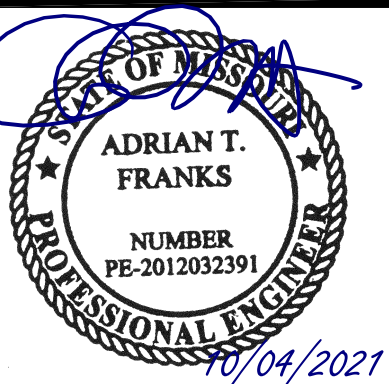
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Seal



Architect Job No

LUX-309

Nextore Store Design Revision No.:

**REV 06**

Nextore project  
Number 84169

Brand Design Type:

LC06 AUGNORM

ISSUED FOR:

☐ Construction

Title

TYPICAL EXAM  
ROOM

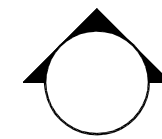
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JK

Checked By

E007



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UNDER THE LAWS OF THE STATE OF MISSOURI

ROBERT THARANKS

NAM

MECHANICAL ENGINEER

DISCIPLINE

PE-200703259

LICENSE NUMBER

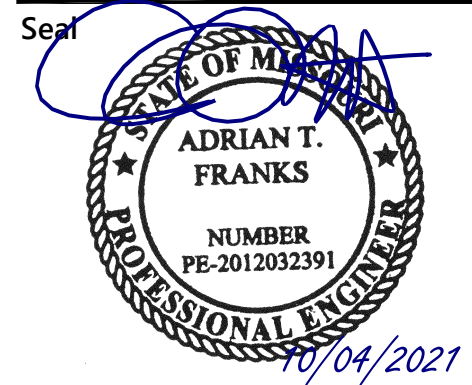
Construction for:

LENSCRAFTERS  
A Subsidiary of the Luxottica Group  
4000 Luxottica Place Mason, Ohio 45040

Revisions:

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Architect Job No.:  
LUX-305

Nextore Store Design Revision No.:

REV 06

Nextore project  
Number 84169

Brand Design Type:  
LC06 AUGNORM

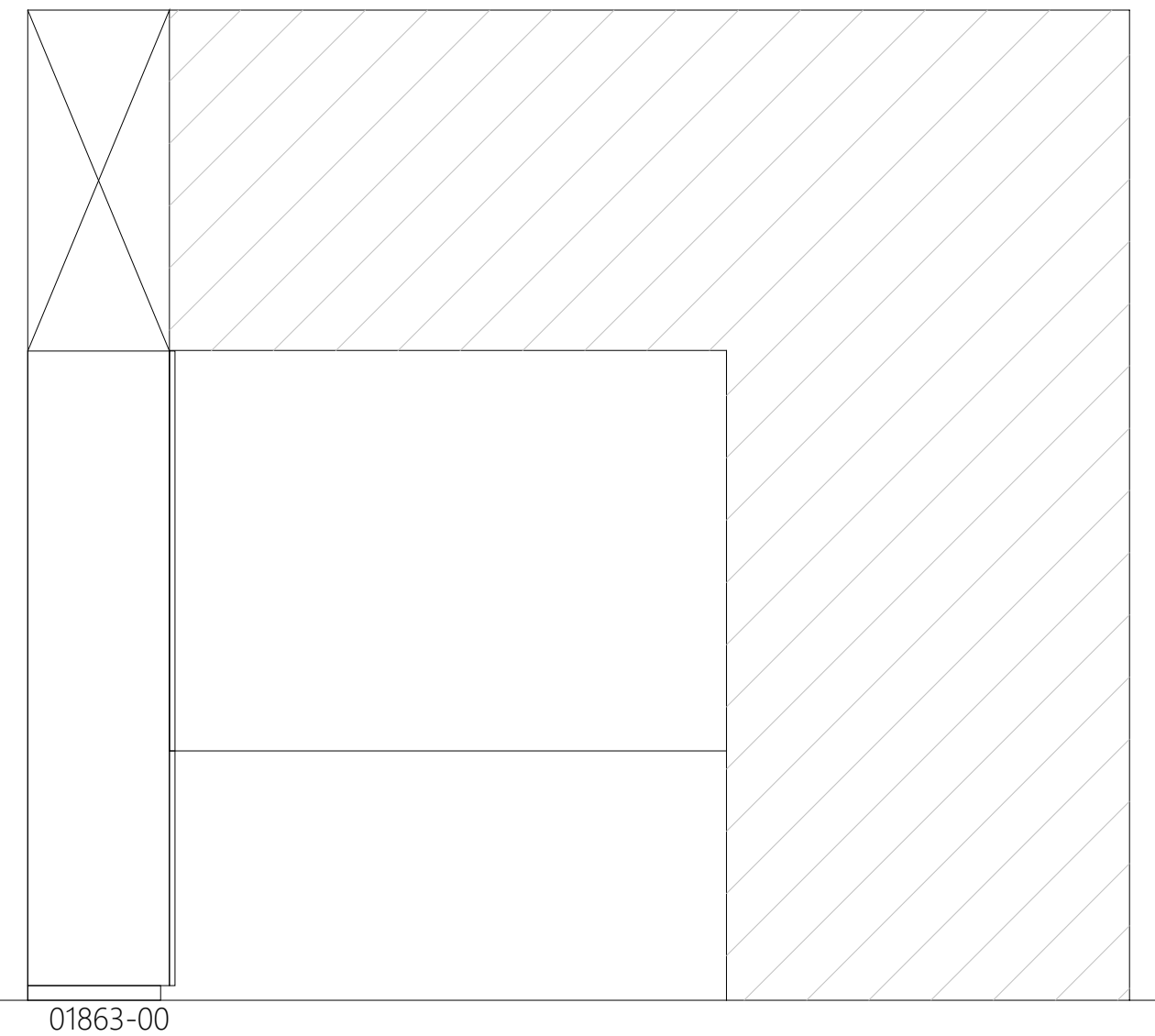
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☐ Construction

Title  
TYPICAL CONTACT  
LENS ROOM

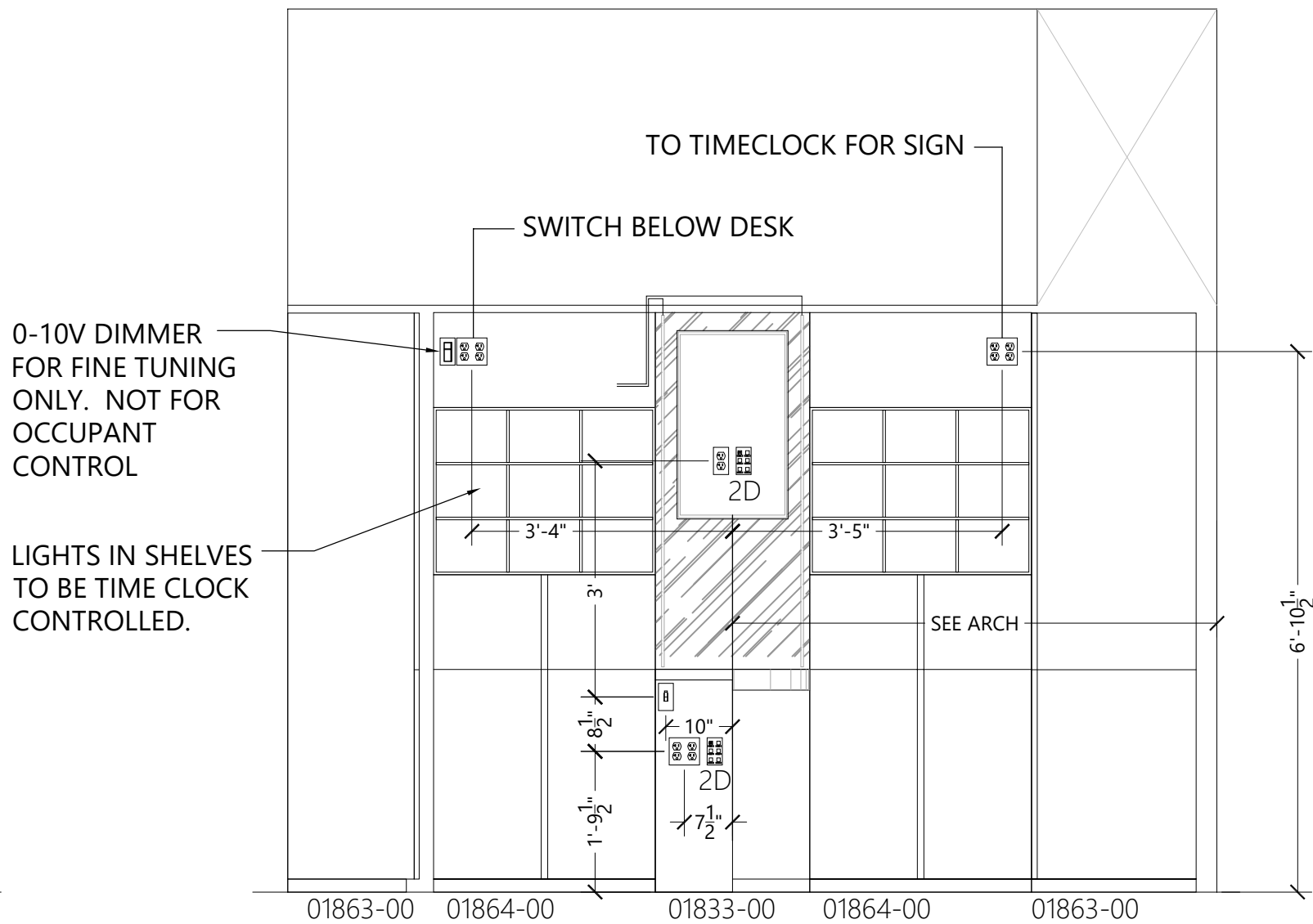
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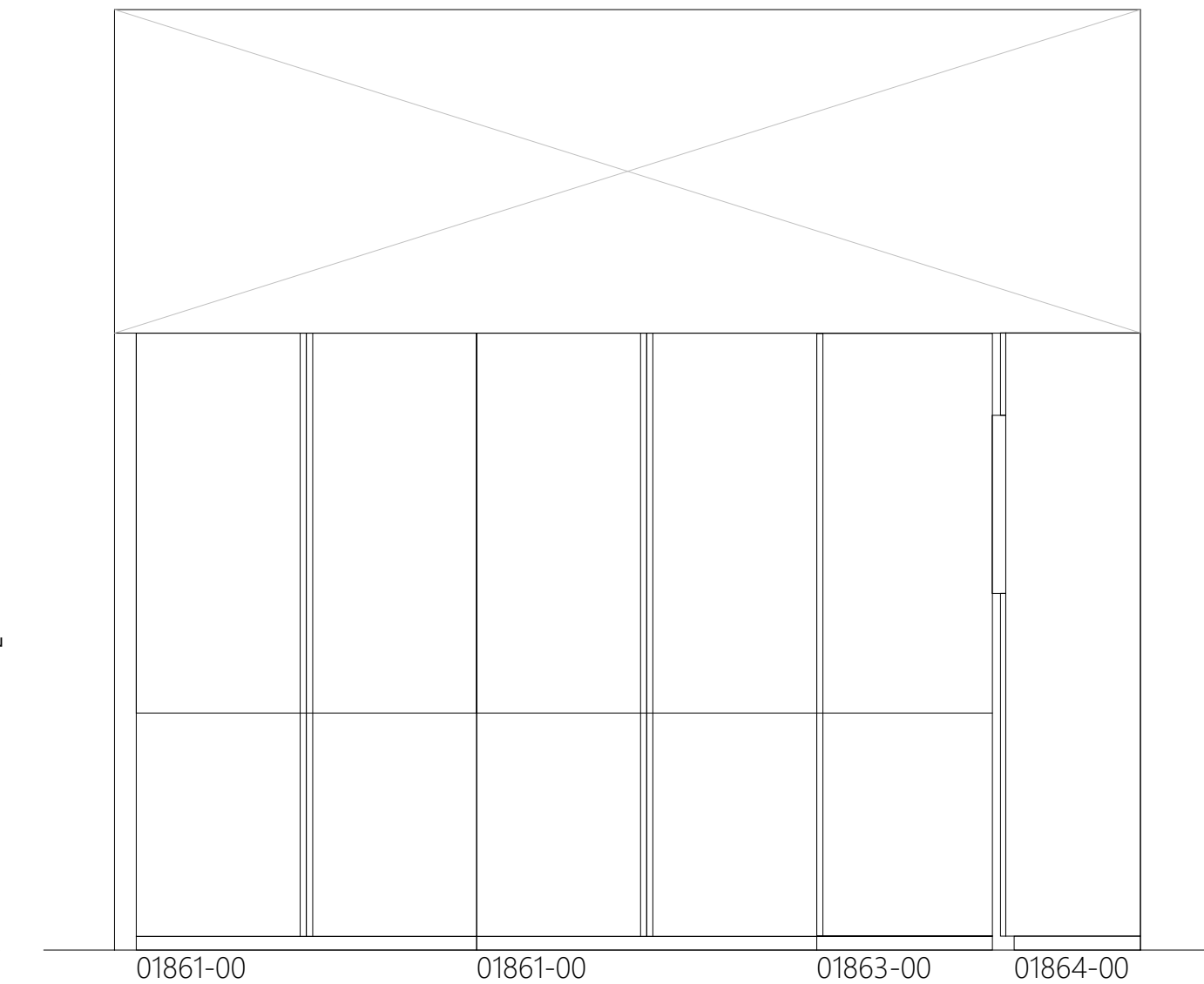
ADRIAN T FRANKS  
NAME:  
ELECTRICAL ENGINEER PE-2012032391  
DISCIPLINE LICENSE NUMBER



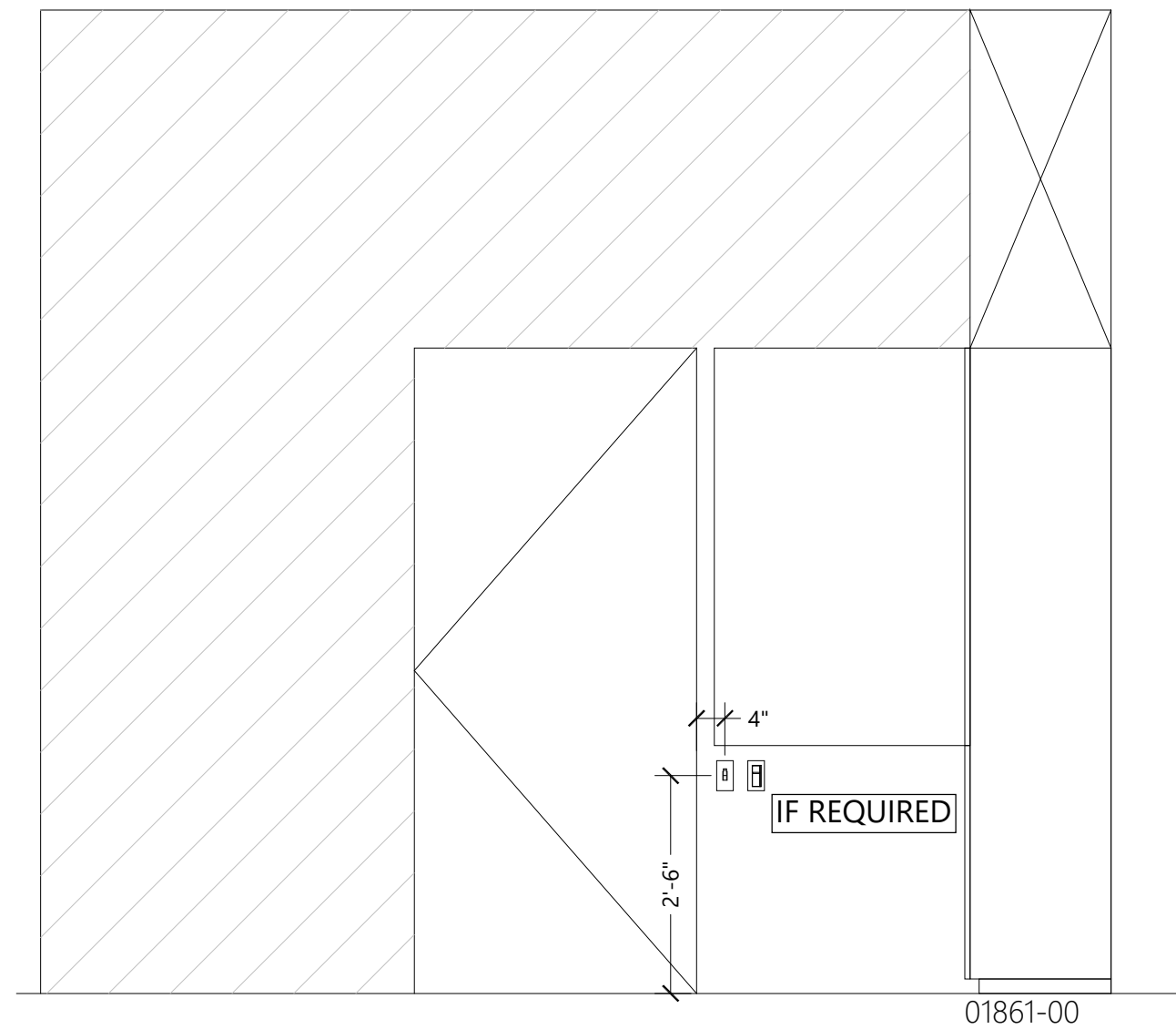
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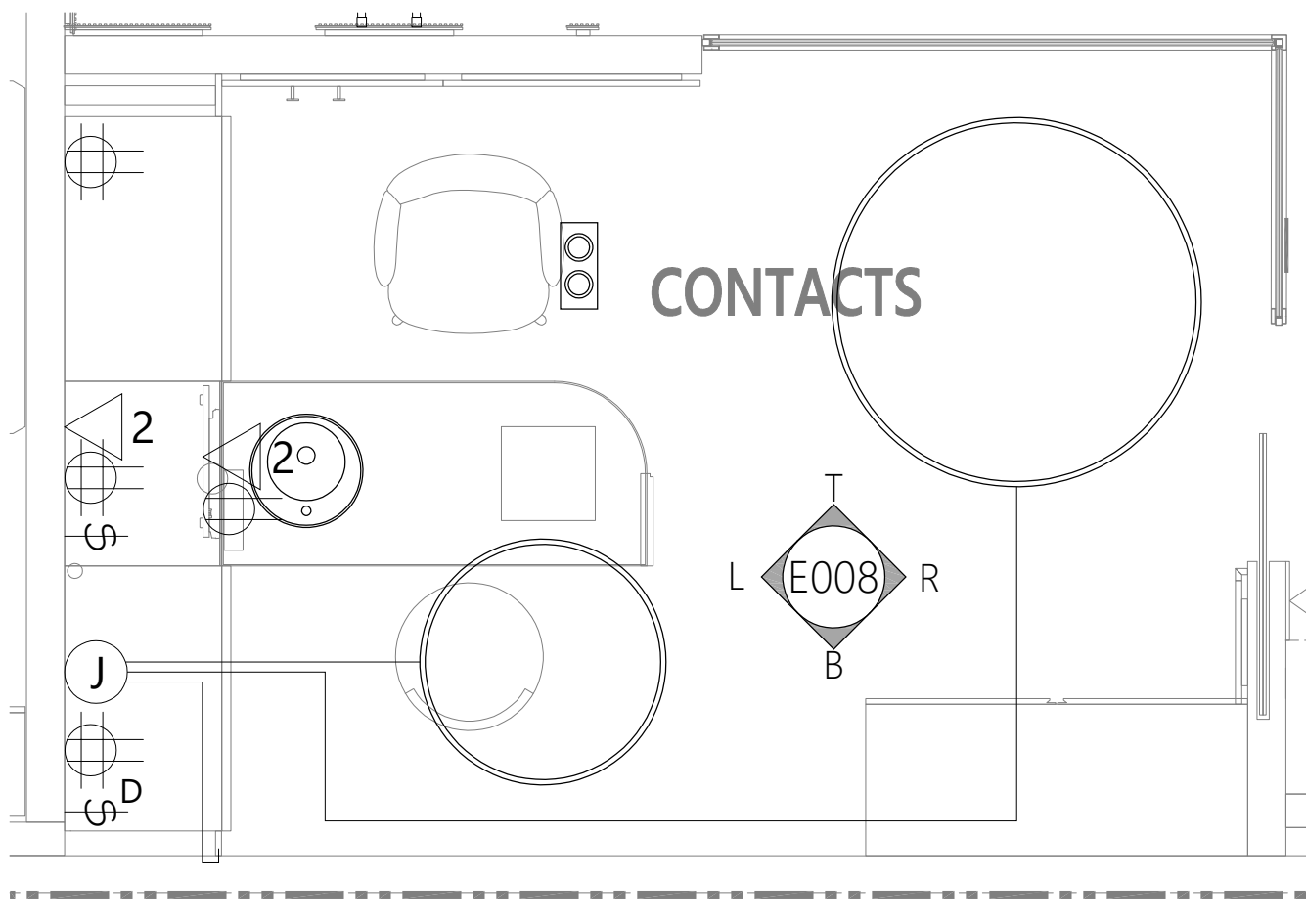
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R CONTACT LENS  
SCALE: NONE



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SCALE: NONE



Construction for:

LENSCRAFTERS  
A Subsidiary of the Luxottica Group  
4000 Luxottica Place Mason, Ohio 45040

Revisions:

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Architect Job No.:  
LUX-305

Nextore Store Design Revision No.:

REV 06

Nextore project  
Number 84169

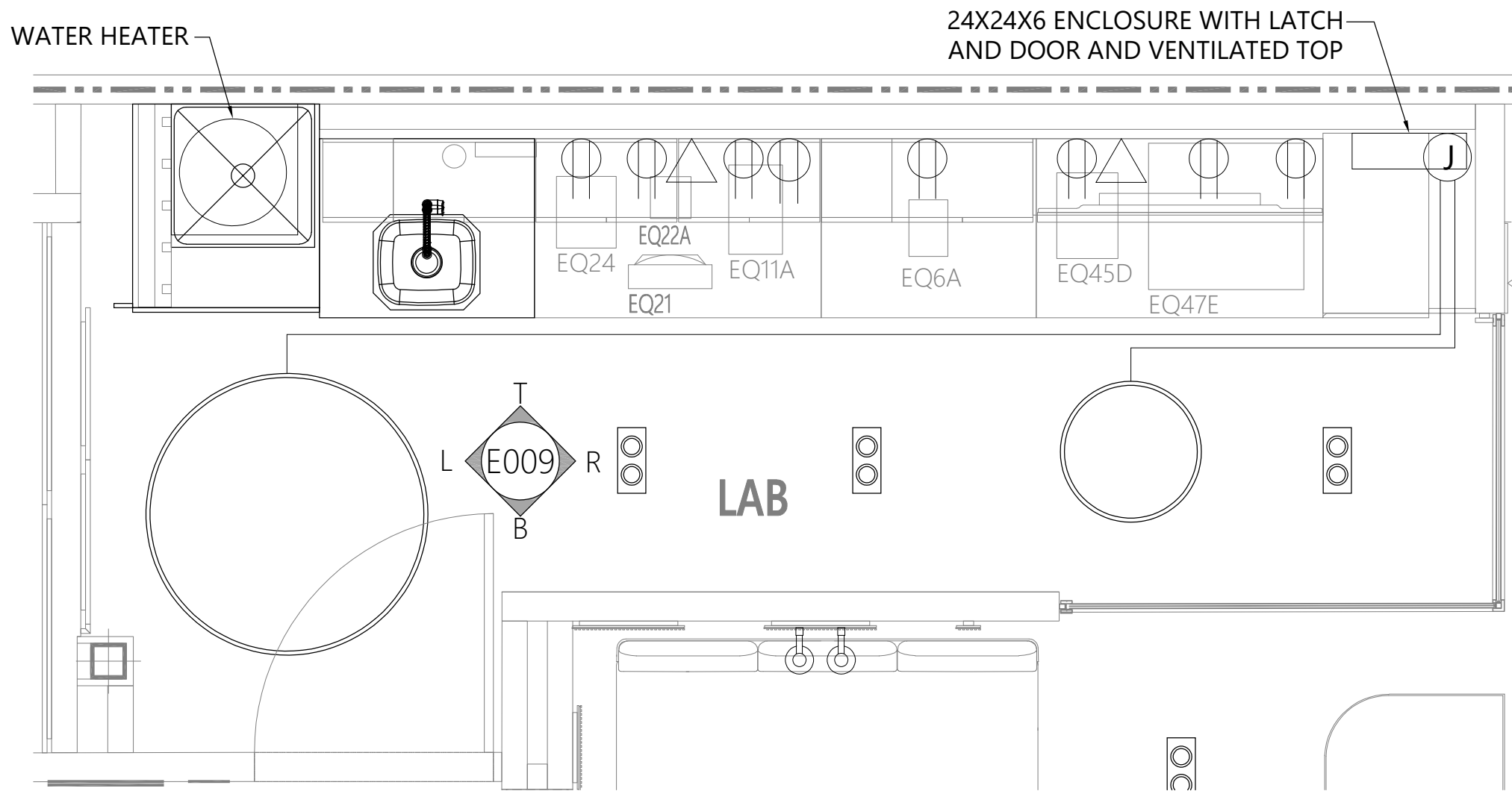
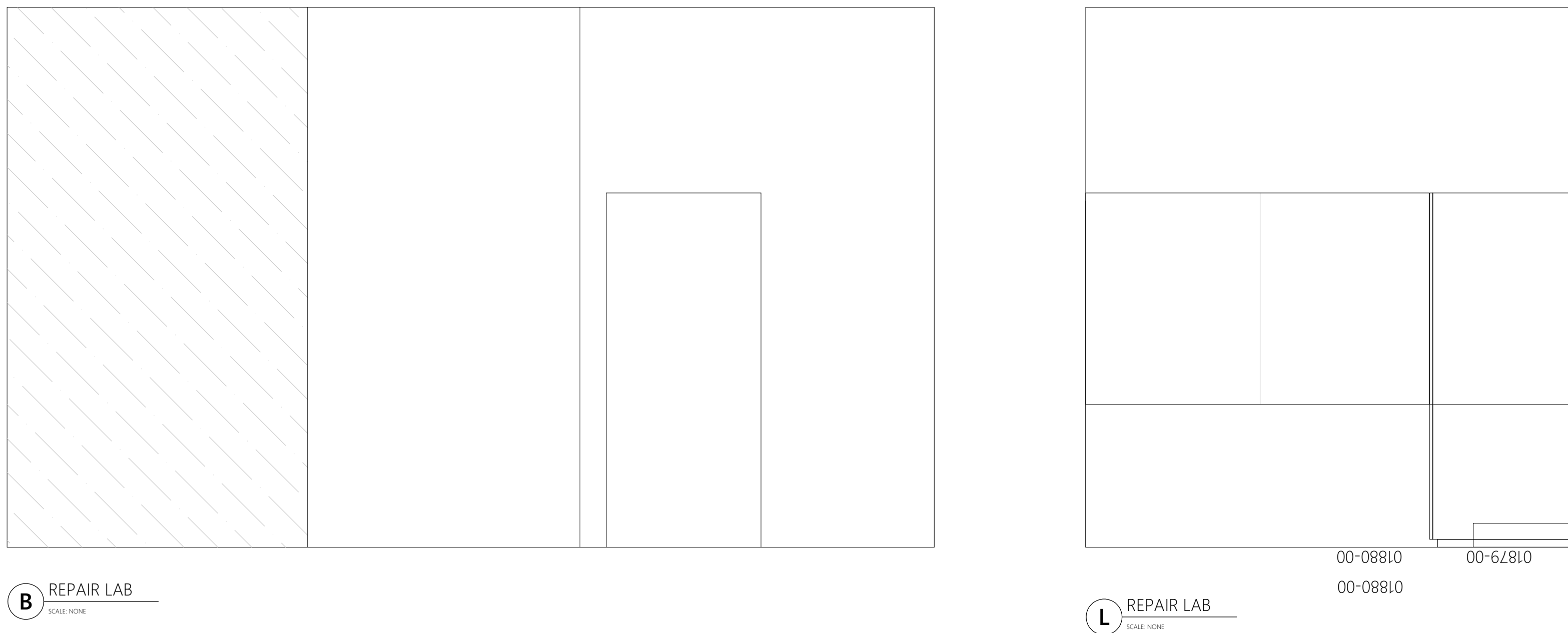
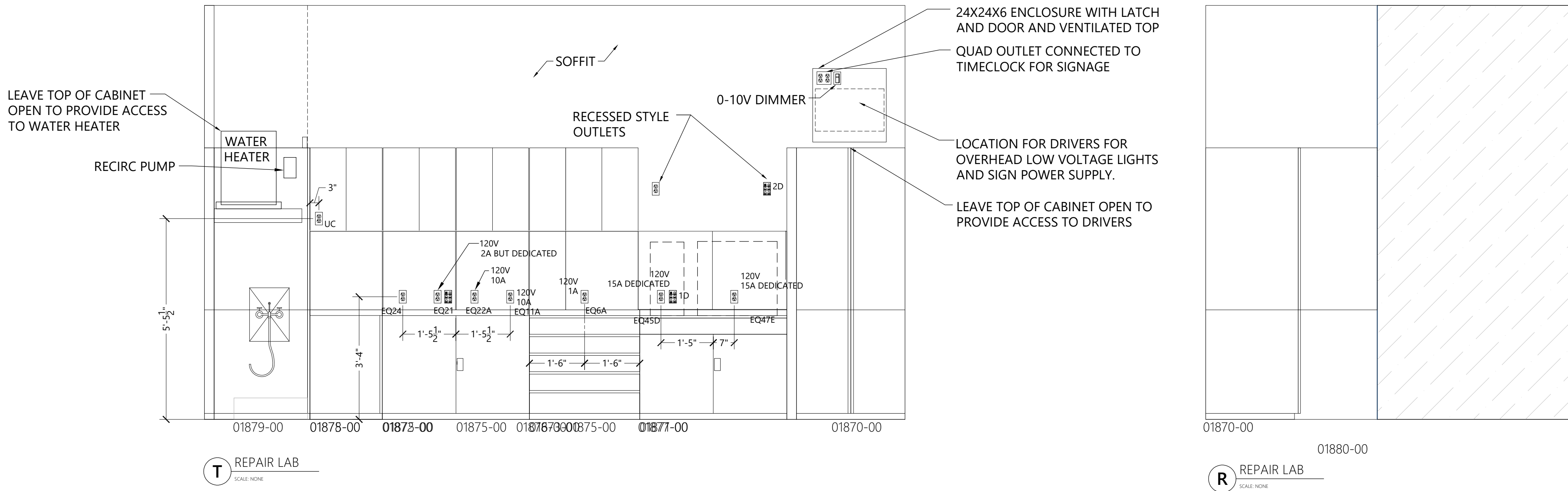
Brand Design Type:  
LC06 AUGNORM

ISSUED FOR:  
☐ Construction

Title  
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ROOM

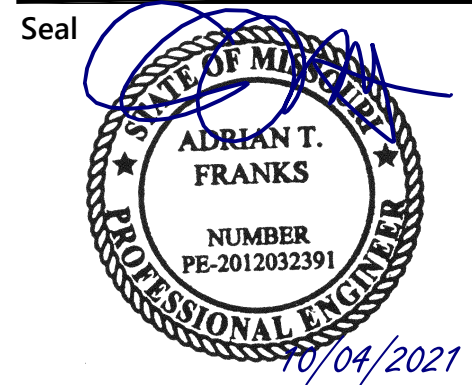
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ADRIAN T FRANKS  
NAME:  
ELECTRICAL ENGINEER PE-2012032391  
DISCIPLINE LICENSE NUMBER



**ENSCRAFTERS**  
A Subsidiary of the Luxottica Group  
4000 Luxottica Place Mason, Ohio 45040

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Nextore Store Design Revision No.:

Nextore Store Design Revision No.:

REV 06

Nextore project  
Number 84169

Brand Design Type:

**Brand Design Type:**  
LC06 AUGNORM

**ISSUED FOR:**  
☐ Construction

Title

TYPICAL TOILET  
ROOM & LIGHT  
FIXTURE SCHEDULE

Date 10/01/21	Sheet
Drawn By JKS	E010
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DRIVERS FOR LOW VOLTAGE LIGHTS ABOVE CEILING

RESTROOM

WALL MOUNTED LOW VOLTAGE LIGHT. DRIVER ABOVE CEILING.

SEE ARCH

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NAME: \_\_\_\_\_  
ELECTRICAL ENGINEER PE-2012032391  
DISCIPLINE LICENSE NUMBER

- A. EMERGENCY (EM) LUMINAIRES THAT ARE NOT WIRED TO A CENTRAL INVERTER SYSTEM NOR SHOWN WITH "NL" SHALL BE CIRCUITED WITH AN "UNSWITCHED HOT" TO PROVIDE CONTINUOUS POWER TO BATTERY PACK EVEN WHEN LUMINAIRE IS OFF.
- B. ALL NIGHT (NL) LUMINAIRES SHALL BE CIRCUITED AHEAD OF ANY SWITCHING
- C. IT SHALL BE THE E.C.'S RESPONSIBILITY TO UNLOAD INVENTORY AND STORE LIGHTING PACKAGE. THE E.C. SHALL ALSO SHIP ANY EXCESS MATERIALS BACK TO THE ELECTRICAL PACKAGE DISTRIBUTOR.
- D. EXIT LIGHTS AT THE STOREFRONT SHALL BE CEILING MOUNTED AND CENTERED OVER OPENINGS. EXIT/EMERGENCY LIGHTS AT DOOR TO NON-SALES AREAS SHALL BE CEILING MOUNTED AND CENTERED ABOVE DOOR. IF PLAN LOCATIONS ARE NOT ACCEPTABLE, IMMEDIATELY CONTACT NEXTORE PROJECT MANAGER FOR DIRECTION.
- E. WHERE DRYWALL CEILINGS ARE USED IN THE SALES AREA, E.C. SHALL ARRANGE CIRCUITS TO AVOID THE USE OF JUNCTION BOXES IN INACCESSIBLE LOCATIONS. THE USE OF JUNCTION BOXES ABOVE DRYWALL CEILINGS SHALL BE LIMITED TO LOCATIONS NEAR ACCESS FRAMES USED FOR DIFFUSERS AND RETURN AIR GRILLES OR ACCESS PANELS AS LOCATED ON PLANS. IF PLAN LOCATION IS NOT ACCEPTABLE, IMMEDIATELY CONTACT NEXTORE PROJECT MANAGER FOR DIRECTION.
- F. E.C. SHALL RELAMP ALL FIXTURES PRIOR TO STORE OPENING BUT NOT DURING HEAVY CONSTRUCTION PERIOD.
- G. LIGHTING CIRCUITS UP TO 100'-0" IN LENGTH SHALL UTILIZE #12 CONDUCTORS MINIMUM. LIGHTING CIRCUITS FROM 101'-0" TO 150'-0" IN LENGTH SHALL UTILIZE #10 CONDUCTORS MINIMUM. LIGHTING CIRCUITS FROM 151'-0" TO 250'-0" IN LENGTH SHALL UTILIZE #8 CONDUCTORS MINIMUM. LIGHTING CIRCUITS ABOVE 251'-0" IN LENGTH SHALL UTILIZE #6 CONDUCTORS MINIMUM.
- H. LIGHTING SHALL BE CIRCUITED EXACTLY AS SHOWN ON PLANS. CIRCUITING SHALL BE THRU-WIRING WHEREVER POSSIBLE. MULTIPLE CONNECTIONS TO A SINGLE LIGHT FIXTURE FOR VOLTAGE DROP CONDITIONS OR AS A RESULT OF A FIELD CONDITION ARE ACCEPTABLE.
- I. E.C.'S BID SHALL INCLUDE THE INSTALLATION OF ALL LUMINAIRES AND ASSOCIATED LAMPS FURNISHED BY NEXTORE. E.C. IS RESPONSIBLE TO ENSURE THE ADJUSTABILITY OF ALL DIRECTIONAL FIXTURES AFTER INSTALLATION AND SHALL AIM THE FIXTURES PER DIRECTION FROM G.C.
- J. EMERGENCY AND EXIT LUMINAIRE SHALL BE INSTALLED AND CIRCUITED PER LOCAL AND LATEST NATIONAL ELECTRICAL CODES.
- K. E.C. SHALL MAKE ALL FINAL CONNECTIONS AS REQUIRED FOR A FULLY COMPLETE AND OPERABLE SYSTEM.
- L. E.C. SHALL VERIFY THE VOLTAGE AND COMPATIBILITY OF ALL EQUIPMENT, FIXTURES AND MILLWORK PRIOR TO CONNECTION.

EXISTING CIRCUITS WERE TAKEN FROM PICTURES OF THE ELECTRICAL PANEL DIRECTORY CARDS. ELECTRICAL CONTRACTOR SHALL REVISE CIRCUITS SHOWN ON THESE PLANS TO WORK WITH EXISTING CIRCUITS THAT MAY EXIST IN THE AREA AS WELL AS CIRCUITS THAT ARE TO REMAIN POWERING EXISTING EQUIPMENT.

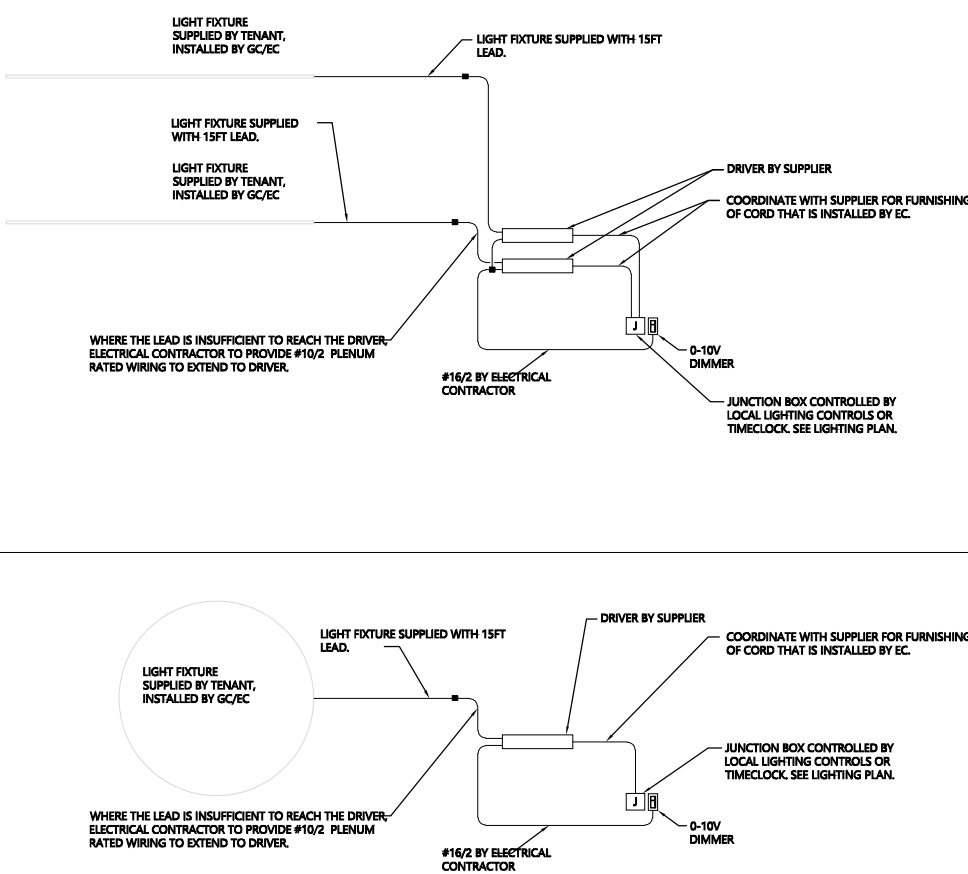
## ENERGY CODE - COMMISSIONING

1. COMMISSIONING AGENT TO CONFIRM THE FOLLOWING IN THE OFFICE AREA:
  - 1.1. OCCUPANCY SENSORS DETECT MOTION AND ENERGIZE THE LOCAL SWITCHING.
  - 1.2. OCCUPANCY SENSORS DE-ENERGIZE AFTER NO MOTION IS DETECTED AFTER A 30 MINUTE DELAY.
2. COMMISSIONING AGENT TO CONFIRM THE FOLLOWING IN THE SALES AREA:
  - 2.1. SIGNS, PERIMETER SHELVING AND SALES FLOOR DISPLAY CABINETS ARE ENERGIZED AND DE-ENERGIZED WITH THE TIMER SWITCH OR CONTACTOR CONTROLLED BY TIMECLOCK.

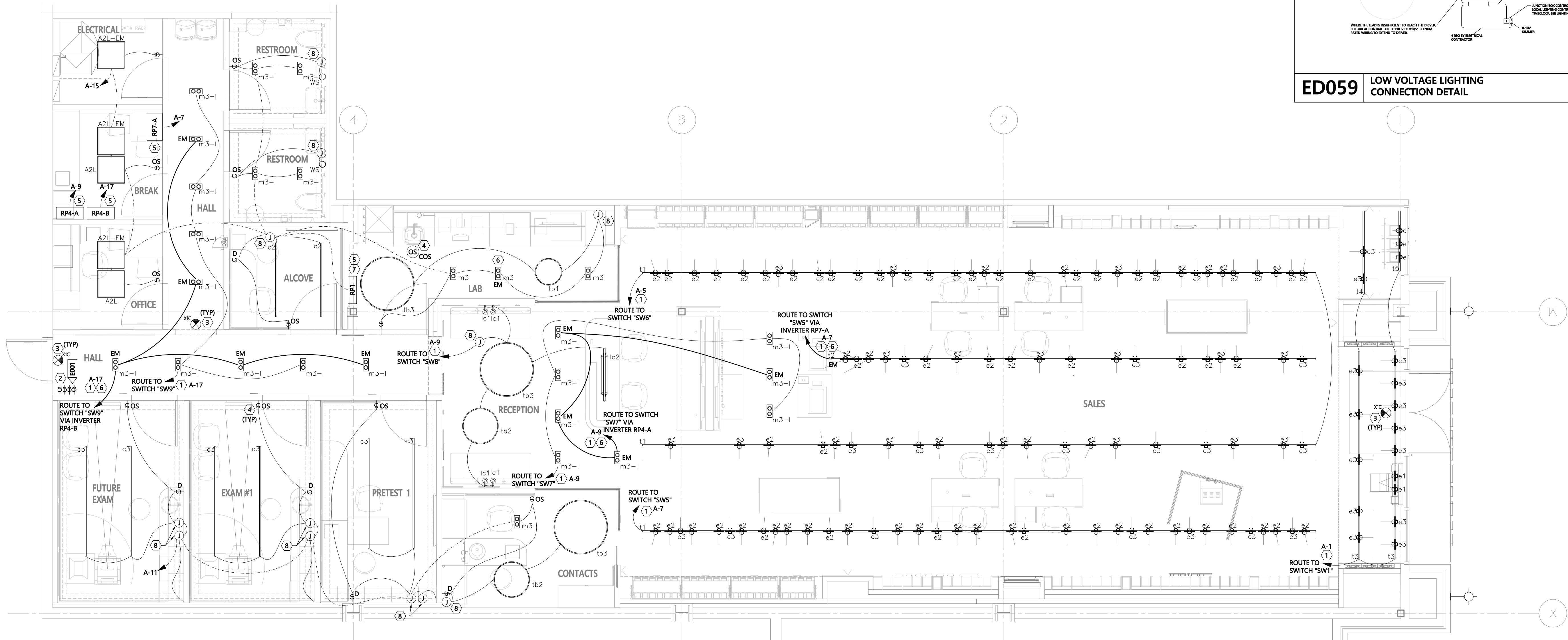
ELECTRICAL CONTRACTOR TO HIRE THIRD PARTY COMMISSIONING CONTRACTOR.  
FURNISH REPORT TO NEXTORE PROJECT MANAGER PRIOR TO FINAL PAYMENT.

## ENERGY CODE - COMMISSIONING SMALL PROJECTS

1. CIRCUIT VIA MASTER LIGHTING SWITCH BANK. SEE DETAIL E033.
2. NEW LIGHTING SWITCH BANK. SEE DETAIL E033. IF LOCATION IS UNDESIRABLE, FIELD VERIFY EXACT LOCATION WITH NEXTORE PROJECT MANAGER PRIOR TO ROUGH-IN.
3. ROUTE UNSWITCHED CONNECTION TO EXIT SIGNS AND WHERE FIXTURES ARE ATTACHED, RUN ADDITIONAL POWER FROM THE SAME CIRCUIT AHEAD OF ALL SWITCHING FOR POWER LOSS SENSING.
4. PROVIDE OCCUPANCY SENSOR FOR AUTOMATIC SHUT OFF OF ROOM LIGHTING. SEE DETAIL E002.
5. PROVIDE INVERTER INDICATED BY TAG, REFER TO LIGHT FIXTURE SCHEDULE FOR MORE INFORMATION. CONNECT TO CIRCUIT SHOWN. COORDINATE INSTALLATION LOCATION WITH NEXTORE PROJECT MANAGER. SEE DETAIL E004.
6. CONNECT "EM" LIGHT FIXTURES TO INVERTER INDICATED TO PROVIDE EMERGENCY BACK UP POWER TO LIGHT FIXTURES. CONNECT TO SWITCHING AS SHOWN IN DETAIL E004.
7. PROVIDE TYPE "RP1" INVERTER FOR EMERGENCY BACK UP POWER TO TYPE "EM" LIGHT FIXTURE IN SAME ROOM. CONNECT TO CIRCUIT SHOWN. COORDINATE INSTALLATION LOCATION WITH NEXTORE PROJECT MANAGER. SEE DETAIL E004.
8. PROVIDE REMOTE DRIVERS<sup>1</sup> FOR LOW VOLTAGE LIGHTING IN THIS AREA. PROVIDE INSTRUCTIONS FOR HARD-WIRE ABOVE-CEILING CONNECTION, AND PROVIDE DRIVER IN ACCESSIBLE ENCLOSURES AS NECESSARY. SEE DETAIL E0059, THIS SHEET, FOR MORE INFORMATION.



## LOW VOLTAGE LIGHTING CONNECTION DETAIL



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



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AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER  
UNDER THE LAWS OF THE STATE OF MISSOURI

ADRIAN T FRANKS \_\_\_\_\_

NAME: \_\_\_\_\_

ELECTRICAL ENGINEER \_\_\_\_\_ PE-2012032391

DISCIPLINE \_\_\_\_\_ LICENSE NUMBER \_\_\_\_\_

**RELEASED FOR CONSTRUCTION**  
As Noted on Plans Review  
**DESIGN & CONSTRUCTION MANAGEMENT**  
Development Services Department  
Lee's Summit, Missouri  
12/06/2021

**NEXTORE**

● 4000 Lucanville Place, Macon, OH 45040 ● +1 (313) 765-6000  
● 6 Creamery Brook, East Granby, CT 06025 ● +1 (860) 431-9702

**STORE # 1643**  
**SUMMITWOODS CROSSING**  
1700 NW CHIPMAN RD  
LEE'S SUMMIT, MO 64081

### Construction for:

**LENSCRAFTERS**  
A Subsidiary of the Luxottica Group  
4000 Luxottica Place Mason, Ohio 45040

**Revisions:**

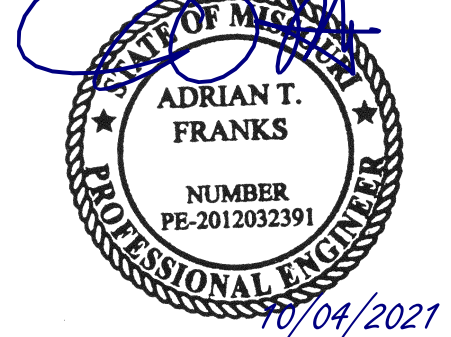
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Seal



Architect Job No.:

LUX-305

Nextore Store Design Revision No.:

**REV 06**

Nextore project  
Number 84169

**Brand Design Type:**  
LC06 AUGNORM

ISSUED FOR:

☐ Construction

**Title**

# ELECTRICAL LIGHTING PLAN

**Date**  
10/01/21

1070  
Drawn By

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E200

E200

## EQUIPMENT FEEDER SCHEDULE

EQUIPMENT MARK	VOLTAGE – PHASE	PANEL – CIRCUIT(S)	MOCP	FEEDER		DISCONNECT					REMARKS
				CONDUCTOR & GROUND	PIPE	PROVIDER	AMPERAGE	POLES	FUSES	NEMA	
RTU-1	208V-3P	A-2,4,6	80A	(3)#4 & (1)#8G	1-1/4"	INTEGRAL	–	–	NF	–	–
RTU-2	208V-3P	A-8,10,12	45A	(3)#8 & (1)#10G	3/4"	INTEGRAL	–	–	NF	–	–
EF-1	120V-1P	A-14	15A	(2)#12 & (1)#12G	1/2"	INTEGRAL	–	–	NF	–	VIA "C1"
EF-2	120V-1P	A-16	15A	(2)#12 & (1)#12G	1/2"	INTEGRAL	–	–	NF	–	VIA "C1"
WH	208V-1P	A-22,24	40A	(2)#8 & (1)#10G	3/4"	CONTRACTOR	60A	2	NF	1	–
RP1	120V-1P	A-26	20A	(2)#12 & (1)#12G	1/2"	CONTRACTOR	20A	–	–	–	NEMA 5-20R

## EQUIPMENT FEEDER GENERAL NOTES

- A. DISCONNECT SWITCHES FOR 120V OR 277V EQUIPMENT UNDER 30 AMPS SHALL BE MOTOR RATED TOGGLE SWITCHES.
- B. CONTRACTOR IS RESPONSIBLE FOR ALL FINAL CONNECTIONS TO EQUIPMENT.
- C. COORDINATE EXACT ROUGH-IN LOCATIONS PRIOR TO START OF CONSTRUCTION.
- D. ALL MULTI-VOLT DISCONNECT SWITCHES PROVIDED BY THIS CONTRACTOR SHALL COME WITH A NEUTRAL AND GROUND LUG KIT.

## FLOOR BOXES

FINISH (##): ☒ ALUMINUM ☐ BRASS ☐ BLACK ☐ GRAY

AS REFERENCED ON THE PLAN SHEETS

	RECESSED	FURNITURE
FLOOR BOX	SYSTEMONE FLOOR BOX HUBBELL CFB51R4PFB W/CUP	SYSTEMONE FLOOR BOX HUBBELL S1SPFB
SUB PLATES	SYSTEMONE SUB-PLATE S1RAS2X2DUPLEX	SYSTEMONE SUB-PLATE HUBBELL S1SPFF##
COVER / FLANGE	CFB51R4CYR## (CARPET)	

## POKE THRU FITTINGS

FINISH (##): ☒ ALUMINUM ☐ BRASS ☐ BLACK ☐ GRAY

AS REFERENCED ON THE PLAN SHEETS

	RECESSED	FURNITURE
POKE THRU FITTING	WIREMOLD EVOLUTION 6AT SERIES POKE THRU	S1PFFIT POKE THRU
SUB PLATES	TWO DUPLEX RECEPTACLES AND UP TO FOUR DATA OUTLETS	SYSTEMONE SUB-PLATE HUBBELL S1SPFF##
COVER / FLANGE	6CT2## (CARPET) / 6CT2## (TILE)	

E008

LC05 FLOOR BOX / POKE THRU SCHEDULE

## KEY NOTES - ELECTRICAL PLAN

- A. PROVIDE CONNECTION TO DUCT SMOKE DETECTOR TO SMOKE DETECTION MONITORING PANEL. TIE SMOKE DETECTOR INTO EXISTING FIRE ALARM SYSTEM. COORDINATE ALL REQUIREMENTS WITH LANDLORD AND NEXTORE PROJECT MANAGER. PANEL TO BE PROVIDED BY THE EC AND INCLUDE A DIALER UNLESS IF THESE FUNCTIONS ARE NOT ALREADY PROVIDED BY EXISTING FIRE ALARM SYSTEM.
- B. PROVIDE RECESSED FLOOR BOX FOR POWER AND DATA. POWER TO BE UNSWITCHED.
- C. PROVIDE RECESSED FLOOR BOX. ONE OUTLET TO BE SWITCHED, ONE OUTLET TO BE UNSWITCHED.
- D. PROVIDE RECESSED FLOOR BOX FOR POWER AND DATA. ONE OUTLET TO BE SWITCHED, ONE OUTLET TO BE UNSWITCHED.
- E. HOMERUN TO THROUGH CONTACTORS CONTROLLED BY TIMECLOCK. SEE DETAIL E003.
- F. PROVIDE POWER TO EYEGLOSS DISPLAY SIGN.
- G. PROVIDE WIRING FOR TENANT INSTALLED SURVEILLANCE EQUIPMENT. SEE DETAIL E005.
- H. EC SHALL PROVIDE A-CAT6 DATA CABLE FROM TELEPHONE BOARD TO 24" ABOVE CEILING FOR CONNECTION TO WIRELESS ACCESS POINT. COORDINATE EXACT LOCATION WITH PROJECT MANAGER PRIOR INSTALLATION.
- I. EC SHALL PROVIDE DATA CABLE FROM TELEPHONE BOARD TO 24" ABOVE CEILING FOR CONNECTION TO SHOPPERTRAK SYSTEM BY OTHERS. PROVIDE MINIMUM 6 FT COILED CABLE AT BOTH ENDS.
- J. PROVIDE POWER AND DATA STUB UPS BELOW CASH DESK. PROVIDE DEVICES AND DEVICE QUANTITIES AS SPECIFIED IN FUTURE CUT SHEETS PROVIDED BY FURNITURE MANUFACTURER.
- K. DOOR STROBE/BELL SYSTEM IS COMPRISED OF (3) COMPONENTS. (1) SERVICE DOOR PUSH-BUTTON, (1) STROBE/BELL LOCATED ABOVE GENERAL MANAGER'S (GM) DESK AT AN ELEVATION OF 8'-0", AND (1) TRANSFORMER LOCATED NEXT TO STROBE/BELL. SEE DETAIL E006.
- L. PROVIDE CORE DRILLING OR TRENCHING (AS APPLICABLE) FOR POWER AND TELE/DATA. E.C. SHALL VERIFY ALL CORE DRILLING REQUIREMENTS WITH THE LANDLORD PRIOR TO THE START OF WORK. PROVIDE DEVICES AND DEVICE QUANTITIES AS SPECIFIED ON PLANS. E.C. SHALL COORDINATE INSTALLATION AND CONNECTION REQUIREMENTS WITH FURNITURE MANUFACTURER REPRESENTATIVE.
- M. G.C. SHALL PAINT SHOW WINDOW RECEPTACLES TO MATCH ADJACENT FINISHES.
- N. PROVIDE A RECESSED CLOCK STYLE OUTLET BOX FOR THE RECEPTACLE AND DATA OUTLET AT THE LED WALL. VERIFY EXACT MOUNTING LOCATION WITH NEXTORE PROJECT MANAGER PRIOR TO INSTALLATION.
- O. PROVIDE JUNCTION BOX AND DISCONNECT SWITCH FOR 20A SIGNAGE CIRCUIT. SWITCH SHALL SHUT-OFF SIGNAGE CIRCUIT. LABEL SWITCH FOR WHAT IT SERVES. DISCONNECT SWITCHES SHALL BE LOCATED ABOVE CEILING IN AN ACCESSIBLE AREA IN THE BACK OF THE STORE OR AT AN ACCESS PANEL LOCATION AND GROUPOED TOGETHER.
- P. INSTALL LEVITON LOW PROFILE RECESSED ENTERTAINMENT BOX AT LOCATION INDICATED ON ARCHITECTURAL ELEVATION FOR SUPPLY TO DIGITAL EYE CHART. EXACT DIMENSION IS CRITICAL. PROVIDE THE DEVICES INDICATED. PROVIDE ALSO A 1 1/2" CONDUIT FROM BOX TO JUNCTION BOX UNDER THE EXAM DESK.
- Q. SOUND SYSTEM SPEAKER. SPEAKERS, WIRING AND ACCESSORIES ARE SUPPLIED AND INSTALLED BY THE SOUND SYSTEM VENDOR. COORDINATE WORK WITH THE VENDOR PRIOR TO CEILING INSTALLATION. SEE DETAIL E007.
- R. PROVIDE NEC 517 REDUNDANT GROUNDING FOR RECEPTACLES AND SWITCHES/DIMMERS IN THIS ROOM. PROVIDE BONDING TO ALL METAL PARTS OF THE RACEWAY SYSTEM TO ENSURE THAT THE RACEWAY SYSTEM ACTS AS A GROUNDING PATH AND PROVIDE A SEPARATE GROUNDING CONDUCTOR. BOND THE CONDUCTOR AND THE RACEWAY TO THE RECEPTACLES TO CREATE A REDUNDANT PATH TO GROUND. USE HOSPITAL GRADE MC CABLE WHEN MC CABLE IS THE WIRING METHOD USED.
- S. INSTALL OWNER FURNISHED AUDIO SYSTEM INCLUDING CABLE, BACK BOXES, SPEAKERS AND VOLUME CONTROL. PROVIDE 3/4" CONDUITS FOR ALL WIRING IF REQUIRED FOR ACCESSIBILITY, LOCAL CODE OR LANDLORD REQUIREMENTS. INCLUDE ALL WORK REQUIRED FOR A COMPLETE SYSTEM IN BID. WHERE A FIRE ALARM SYSTEM IS PRESENT, PROVIDE RELAY TO DISCONNECT POWER TO MUSIC SYSTEM WHEN FIRE ALARM SYSTEM IS IN ALARM.
- T. PROVIDE COMMUNICATIONS RACK AT TELEPHONE BOARD. SEE DETAIL LC002.
- U. TELEPHONE TERMINAL BOARD: 4x8x3/4" FIRE RATED PLYWOOD, MOUNT TIGHT TO THE CEILING. PROVIDE PHONE BOARD FOR RETAIL SALES SIDE OF SPACE AND DOCTORS/REFRACTION SIDE OF SPACE. SEE DETAIL LC003.
- V. PROVIDE POWER TO OAKLEY ILLUMINATED SIGN.
- W. PROVIDE POWER TO RAYBAN ILLUMINATED SIGN.
- X. CONVENIENCE RECEPTACLE FINISH TO MATCH ADJACENT WALL FINISH AS CLOSE AS POSSIBLE. SALES FLOOR RECEPTACLES ARE TO USE THE LEVITON RENU SYSTEM. VERIFY COLOR WITH NEXTORE PROJECT MANAGER FROM STANDARD PALETTE. TYPICAL OF ALL SALES FLOOR RECEPTACLES.
- Y. PROVIDE DEVICE RING AND CLOCK STYLE OUTLET AT 76" AFF FOR MONITOR.
- Z. ROUTE PLENUM RATED HDMI CABLE FROM BOX TO BOX, OVER CEILING AND IN WALL. PROVIDE IN CONDUIT WHERE REQUIRED BY THE JURISDICTION.
- AA. PROVIDE DEVICE RING AT 17" AFF FOR HDMI CABLE.
- AB. PROVIDE RECEPTACLE AT ROOF TOP UNIT/ ROOF-MOUNTED EXHAUST FAN FOR MAINTENANCE.

## COORDINATION NOTES

- C01. DO NOT ROUGH IN ANY RECEPTACLES OR DATA OUTLETS ON THE SALES FLOOR WITHOUT FIRST CONFIRMING EXACT LOCATION WITH NEXTORE PROJECT MANAGER.
- C02. DO NOT PURCHASE FLOOR BOXES WITHOUT FIRST VERIFYING FINISH (FROM MANUFACTURER'S STANDARD) FOR A PARTICULAR BOX IN A PARTICULAR LOCATION. CIRCUITS WERE TAKEN FROM PICTURES OF THE ELECTRICAL PANEL DIRECTORY CARDS. ELECTRICAL CONTRACTOR SHALL REVISE CIRCUITS SHOWN ON THESE PLANS TO WORK WITH EXISTING CIRCUITS THAT MAY EXIST IN THE AREA AS WELL AS CIRCUITS THAT ARE TO REMAIN POWERING EXISTING EQUIPMENT.

## NOTE

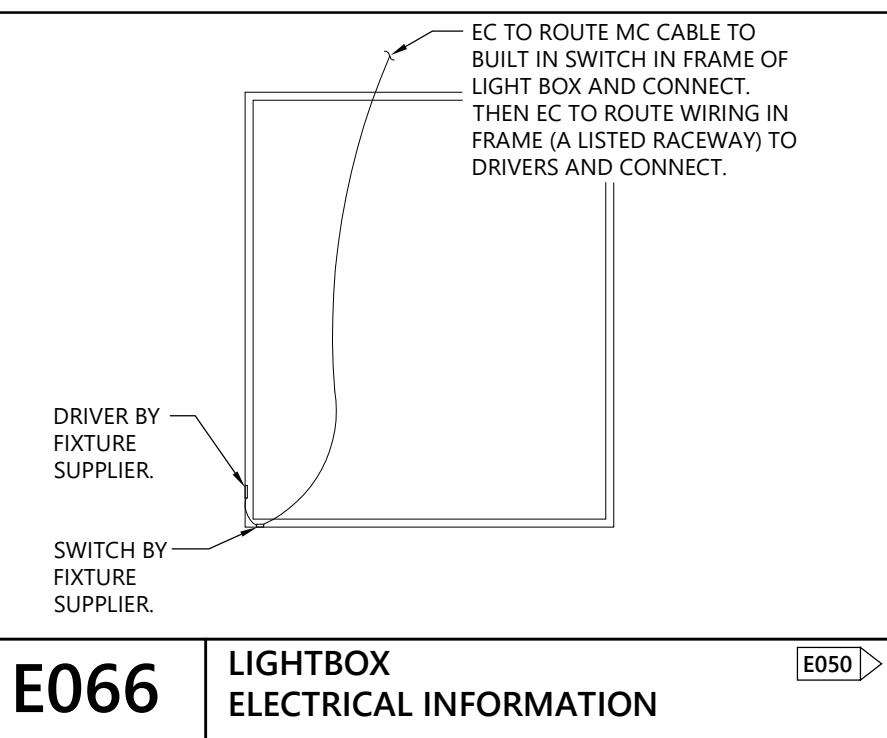
CIRCUITS WERE TAKEN FROM PICTURES OF THE ELECTRICAL PANEL DIRECTORY CARDS. ELECTRICAL CONTRACTOR SHALL REVISE CIRCUITS SHOWN ON THESE PLANS TO WORK WITH EXISTING CIRCUITS THAT MAY EXIST IN THE AREA AS WELL AS CIRCUITS THAT ARE TO REMAIN POWERING EXISTING EQUIPMENT.

**ALL OUTLETS ON THE SALES FLOOR TO BE BENCH PAINTED TO MATCH ADJACENT FINISH COLOR. DO NOT PAINT CURRENT CARRYING PORTION OF THE OUTLETS. ADDITIONALLY, SWITCHED OUTLETS TO BE LABELED WITH CLEAR LABELS, 3/4" HIGH BLACK LETTERS WITH THE WORD "SWITCHED".**

**DO NOT INSTALL JUNCTION BOXES (WITH OR WITHOUT COVERS) VISIBLE TO THE PUBLIC IN THE SALES AND PUBLIC BACK OF HOUSE AREAS. IF THIS IS DONE, THE GC IS REQUIRED TO REMOVE THE JUNCTION BOX AT HIS/HER EXPENSE.**

## FIRE ALARM DEFERRED SUBMITTAL REQUIREMENTS

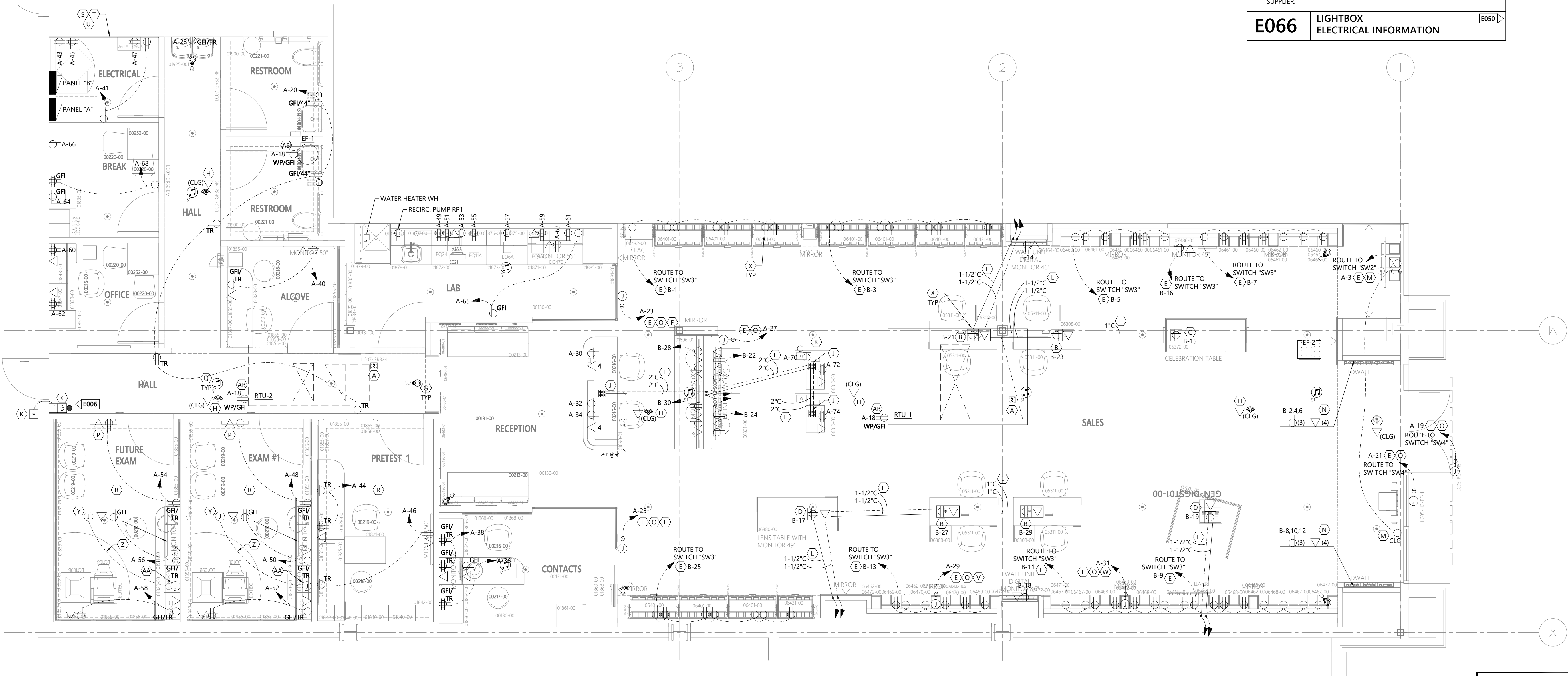
The fire alarm plans provided in this set of drawings is for design intent. The General Contractor shall engage the fire alarm contractor (when required, the Landlord required contractor shall be used) to complete the installation that is compliant with applicable codes. Include submittals to the jurisdiction as required to secure permit and certificate of occupancy. Include all design and jurisdictional fees as required for this work.



E066

LIGHTBOX ELECTRICAL INFORMATION

E050



## ELECTRICAL - POWER/SYSTEMS

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



PROFESSIONAL CERTIFICATION I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MISSOURI

ADRIAN T. FRANKS  
NAME: \_\_\_\_\_  
ELECTRICAL ENGINEER DISCIPLINE: \_\_\_\_\_  
PE-2012032391 LICENSE NUMBER: \_\_\_\_\_

RELEASED FOR CONSTRUCTION  
As Noted on Plans Review  
DESIGN & CONSTRUCTION  
Development Services Department  
Lee's Summit, Missouri  
10/01/21

**NEXTORE**  
4000 Luxottica Place, Mason, OH 45040  
1 (513) 785-4000  
1 (800) 431-8700

**STORE # 1643**  
**SUMMITWOODS CROSSING**  
1700 NW CHIPMAN RD  
LEE'S SUMMIT, MO 64081

Construction for:

**LENSCRAFTERS**  
A Subsidiary of the Luxottica Group  
4000 Luxottica Place Mason, Ohio 45040

## Revisions:

Mark	Date	By
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**Dialectic ENGINEERING**  
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Missouri Certificate of  
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Seal  
**STATE OF MISSOURI**  
**ADRIAN T. FRANKS**  
NUMBER  
PE-2012032391  
10/04/2021

Architect Job No.:

LUX-305

Nextore Store Design Revision No.:

**REV 06**

Nextore project Number

84169

Brand Design Type:

LC06 AUGNORM

ISSUED FOR:

☐ Construction

**ELECTRICAL POWER/SYSTEMS PLAN**

Date

10/01/21

Drawn By

JKS

Checked By

ATF

Sheet

E201

FIRE PROTECTION NOTES AND SPECIFICATIONS

SCOPE:  
OVERVIEW: THE WORK SHOWN ON THIS DRAWING IS REFLECTING THE GENERAL SCOPE OF WORK FOR THE FIRE PROTECTION CONTRACTOR. ACTUAL AND FINAL DESIGN, INCLUDING ANY SUBMITTALS AND ALL RELATED COSTS, ARE TO BE BORNE BY THE FIRE PROTECTION CONTRACTOR.

THE SCOPE OF THIS INSTALLATION IS TO MODIFY THE EXISTING SPRINKLER SYSTEM THROUGHOUT THE TENANT SPACE AND INSTALL NEW SPRINKLER HEADS FOR THIS TENANT FROM THE EXISTING DISTRIBUTION SYSTEM. DURING BIDDING, VISIT PROJECT FACILITY AND REVIEW THE DRAWINGS FOR ALL OTHER TRADES TO DETERMINE EXISTING CONDITIONS AND THE SCOPE AND EXTENT OF THE REQUIRED WORK. REFER TO SPECIFICATIONS FOR ADDITIONAL CRITERIA. HEADS SHOWN ON DRAWINGS ARE SCHEMATIC ONLY. FIRE PROTECTION CONTRACTOR IS RESPONSIBLE FOR THE EXACT PLACEMENT AND CODE COMPLIANCE. COORDINATE WITH ALL OTHER TRADES.

WHERE APPLICABLE, ALL PIPING SHALL BE CONCEALED ABOVE HUNG CEILINGS AND WITHIN CHASES AND FURRED-IN PASSAGES. PIPING AND SPRINKLER HEADS SHALL BE COORDINATED WITH LIGHTS, DUCTS, ETC. NO STRUCTURAL MEMBER SHALL BE CUT OR DRILLED WITHOUT FIRST OBTAINING WRITTEN PERMISSION FROM THE ENGINEER OR OWNER'S REPRESENTATIVE.

OBTAIN AND PAY FOR ALL NECESSARY PERMITS, APPROVALS, INSPECTIONS AND TESTS ASSOCIATED WITH THIS WORK. PROVIDE SHOP DRAWINGS AND HYDRAULIC CALCULATIONS AS REQUIRED FOR APPROVALS FROM STATE AND LOCAL AUTHORITIES. OBTAIN ALL APPROVALS PRIOR TO UNDERTAKING ANY WORK.

PROVIDE ALL REQUIRED SIGNS. PROVIDE ALL REQUIRED SYSTEM ACCESSORIES.

DURING BIDDING, THE CONTRACTOR SHALL MEET WITH THE LOCAL FIRE DEPARTMENT AND LANDLORD TO REVIEW ALL DRAWINGS AND TO DETERMINE THE CRITERIA AND ALL RELATED DETAILS AS REQUIRED TO MEET THE APPROVAL OF THE FIRE DEPARTMENT FOR THE DESIGN AND INSTALLATION OF THE SPRINKLER SYSTEM AND COVERAGE. CONTRACTORS FAILURE TO VERIFY REQUIREMENTS AND CRITERIA DURING BIDDING SHALL NOT RELIEVE THE CONTRACTOR OF COMPLYING WITH THE CRITERIA WITHOUT ADDITIONAL COST TO THE OWNER.

ALL FIRE PROTECTION WORK SHALL BE GOVERNED BY ALL APPLICABLE PORTIONS OF THE SPECIFICATIONS.

PIPE SUPPORTS: HANGERS, CLAMPS, RODS, AND OTHER ACCESSORIES OF AN APPROVED TYPE AND IN SUFFICIENT NUMBER TO PROPERLY SUPPORT ALL PIPING SHALL BE FURNISHED AND INSTALLED. PIPING SHALL BE SUPPORTED BY ROUND WROUGHT U-TYPE APPROVED ADJUSTABLE HANGERS.

SPRINKLER SYSTEM SHALL BE ENGINEERED BY INDIVIDUAL QUALIFIED BY THE STATE.

ALL SPRINKLER HEADS LOCATED IN CEILING TILE SHALL BE CENTERED IN 2X2 TILE.

BUILDING IS MERCANTILE OCCUPANCY.

ACCEPTANCE TESTING SHALL INCLUDE:

- HYDRO-TESTING OF PIPING AT 200 PSI FOR 2 HOURS.
- OPERATIONAL TEST OF FLOW SWITCH, VIA THE INSPRS TEST CONNECTION.
- OPERATIONAL TEST OF TAMPER SWITCHES.
- MAIN DRAIN TEST
- OPERATIONAL TEST OF CONTROL VALVES, WHILE UNDER SYSTEM PRESSURE.

PENETRATIONS OF FIRE RATED ASSEMBLIES TO BE FIRE-CAULKED PER AN UL LISTED DETAIL, TO BE SHOWN ON THE SHOP DWGS.

DESIGN APPROACH:  
INDICATE A HYDRAULICALLY CALCULATED FIRE PROTECTION SPRINKLER SYSTEM IN ACCORDANCE WITH LANDLORD'S INSURANCE UNDERWRITERS FIRE RATING INSPECTION BUREAU AND ALL CODES. SUBMIT SHOP DRAWINGS. VERIFY AVAILABLE WATER SUPPLY STATIC, RESIDUAL PSI, AND GPM OF FLOW NUMBERS WITH MALL OPERATIONS DIRECTOR PRIOR TO BID

PIPING TO BE STEEL WITH COMPATIBLE FITTINGS PER NFPA 13. USE SCH-40 FOR BRANCHLINES, AND SCH-10 FOR MAINS. OTHER DEVICES AND MATERIALS TO BE PER NFPA 13.

THE LANDLORD REQUIRES NOTICE PRIOR TO PERFORMING WORK ON THE EXISTING SPRINKLER SYSTEM. SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH LANDLORD AND FOR ALL ASSOCIATED COSTS WITH DRAIN DOWNS AND REFILLING OF THE SPRINKLER SYSTEM.

LANDLORD'S SPRINKLER CONTRACTOR MUST BE USED FOR ALL SPRINKLER & ASSOCIATED WORK. COORDINATE WITH GC. FOR INSTALLER INFO.

VERIFY ALL CONDITIONS IN FIELD PRIOR TO BIDS.

DESIGN DRAWINGS ARE SCHEMATIC. THIS CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING OR AWARD OF THE CONTRACT TO INSPECT EXIS. FIELD CONDITIONS. THIS CONTRACT SHALL INCLUDE ALL LABOR MATERIALS NECESSARY FOR FIELD MODIFICATIONS DUE TO EXIS. CONDITIONS.

THE CONTRACTOR SHALL CONTACT THE ARCHITECT, ENGINEER OR OWNER PRIOR TO BIDDING FOR INTERPRETATIONS AND CLARIFICATIONS OF THE DESIGN AND INCLUDE IN HIS BID ALL COSTS TO MEET THE DESIGN INTENT. CLARIFICATIONS MADE BY THE ARCHITECT, ENGINEER OR OWNER AFTER BIDDING WILL BE FINAL AND SHALL BE IMPLEMENTED AT THE CONTRACTORS COST.

BIDDING CONTRACTORS SHALL HAVE A WORKING KNOWLEDGE OF LOCAL CODES AND ORDINANCES AND SHALL INCLUDE IN THEIR BIDS THE COSTS FOR ALL WORK INSTALLED IN STRICT ACCORDANCE WITH GOVERNING CODES. THE PLANS AND SPECIFICATIONS NOT WITHSTANDING, THE CONTRACTOR SHALL ALERT ARCHITECT, ENGINEER OR OWNER OF ANY APPARENT DISCREPANCIES BETWEEN GOVERNING CODES AND DESIGN INTENT.

LAYOUT OF ALL MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION WORK SHALL BE CAREFULLY PLANNED AND COORDINATED WITH EACH OTHER AND ARCHITECTURAL REFLECTED CEILING PLANS TO ENSURE THAT CEILING HEIGHTS INDICATED WILL BE MAINTAINED. NOTIFY ARCHITECT IN ADVANCE IF POTENTIAL CONFLICTS MAY EXIST. MODIFICATIONS TO WORK IN PLACE DUE TO FAILURE TO PROPERLY COORDINATE LAYOUTS WITH OTHER TRADES SHALL BE AT THE CONTRACTORS EXPENSE.

SPRINKLER SHOP DRAWINGS SHALL BE SUBMITTED TO THE LOCAL FIRE MARSHALL AND RECEIVE THEIR APPROVAL BEFORE ANY INSTALLATION CAN BEGIN. APPROVED DRAWINGS MUST BE AT THE JOB SITE DURING CONSTRUCTION. PROVIDE A COPY OF THE APPROVAL LETTER TO THE ARCHITECT.

SPRINKLER SHOP DRAWINGS SHALL BE SUBMITTED TO THE OWNER AND THE LOCAL FACTORY MUTUAL OFFICE TO RECEIVE THEIR APPROVAL BEFORE START OF INSTALLATION. APPROVED DRAWINGS SHALL BE AT THE JOBSITE DURING

CONSTRUCTION.

PLUMBING, HEATING AND ELECTRICAL CONTRACTOR TO COORDINATE EQUIPMENT, DUCT, PIPING, AND CONDUIT INSTALLATIONS TO ASSURE PROPER CLEARANCES AND NEEDED ROOM TO INSTALL RESPECTIVE SYSTEMS. ALL CONTRACTORS TO COORDINATE PIPE PENETRATIONS THROUGH WALLS AND ROOF, PATCH TO MEET CODES.

ALL EQUIPMENT INSTALLATIONS, INCLUDING RELATED DUCTS, PIPING, VENTS, WIRING, CONTROLS, VALVES, ETC., SHALL COMPLY WITH NATIONAL ELECTRICAL CODE (NEC) ARTICLE 110, PARA. 110-16, SUB. a, AND ARTICLE 384, PAR. 384-4. EACH DISCIPLINE SHALL BE RESPONSIBLE FOR THE PROVISIONS SET FORTH IN THE ABOVE NEC ARTICLES.

FIELD VERIFY ALL CONDITIONS

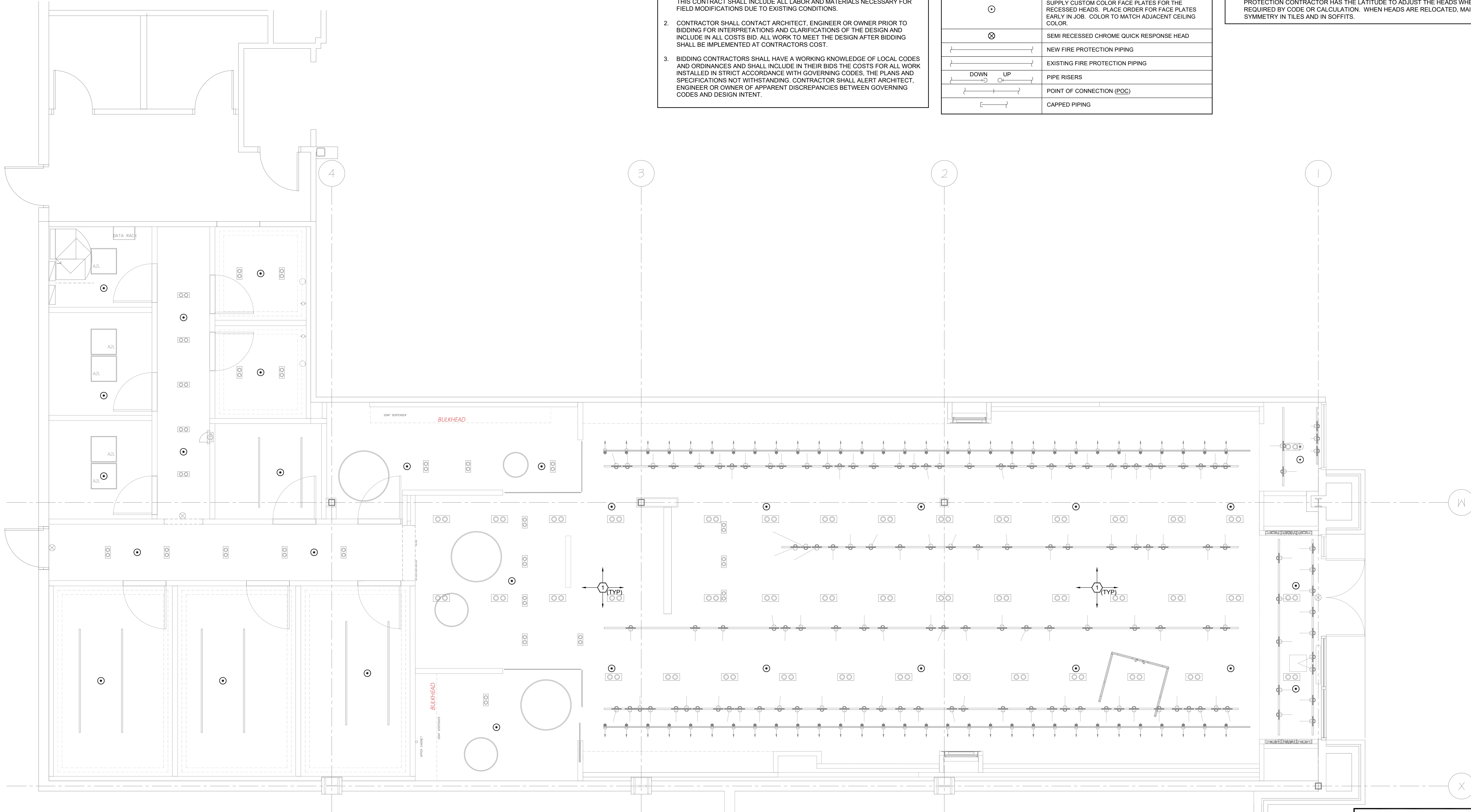
- DESIGN DRAWINGS ARE SCHEMATIC. CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING OR AWARD OF CONTRACT TO INSPECT EXISTING FIELD CONDITIONS. THIS CONTRACT SHALL INCLUDE ALL LABOR AND MATERIALS NECESSARY FOR FIELD MODIFICATIONS DUE TO EXISTING CONDITIONS.
- CONTRACTOR SHALL CONTACT ARCHITECT, ENGINEER OR OWNER PRIOR TO BIDDING FOR INTERPRETATIONS AND CLARIFICATIONS OF THE DESIGN AND INCLUDE IN ALL COSTS BID. ALL WORK TO MEET THE DESIGN AFTER BIDDING SHALL BE IMPLEMENTED AT CONTRACTORS COST.
- BIDDING CONTRACTORS SHALL HAVE A WORKING KNOWLEDGE OF LOCAL CODES AND ORDINANCES AND SHALL INCLUDE IN THEIR BIDS THE COSTS FOR ALL WORK INSTALLED IN STRICT ACCORDANCE WITH GOVERNING CODES. THE PLANS AND SPECIFICATIONS NOT WITHSTANDING, CONTRACTOR SHALL ALERT ARCHITECT, ENGINEER OR OWNER OF APPARENT DISCREPANCIES BETWEEN GOVERNING CODES AND DESIGN INTENT.

FIRE PROTECTION LEGEND

SYMBOL	DESCRIPTION
⊙	CONCEALED QUICK RESPONSE HEAD SUPPLY CUSTOM COLOR FACE PLATES FOR THE RECESSED HEADS. PLACE ORDER FOR FACE PLATES EARLY IN JOB. COLOR TO MATCH ADJACENT CEILING COLOR.
⊗	SEMI RECESSED CHROME QUICK RESPONSE HEAD
—	NEW FIRE PROTECTION PIPING
—	EXISTING FIRE PROTECTION PIPING
DOWN UP	PIPE RISERS
+	POINT OF CONNECTION (POC)
—	CAPPED PIPING

KEY NOTES

- ① PROVIDE NEW SPRINKLERS IN SPACE. NOTE PLACEMENT OF HEADS ON THIS PLAN IS FOR UNIFORMITY, STYLE OF HEAD, AND CEILING APPEARANCE. FIRE PROTECTION CONTRACTOR HAS THE LATITUDE TO ADJUST THE HEADS WHERE REQUIRED BY CODE OR CALCULATION. WHEN HEADS ARE RELOCATED, MAINTAIN SYMMETRY IN TILES AND IN SOFFITS.



1 FIRE PROTECTION - PLAN  
SCALE: 1/4" = 1'-0"



PROFESSIONAL CERTIFICATION I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MISSOURI

ROBERT HARRIS  
NAME:  
MECHANICAL ENGINEER  
DISCIPLINE:  
PE-2007025514  
LICENSE NUMBER:

Construction for:

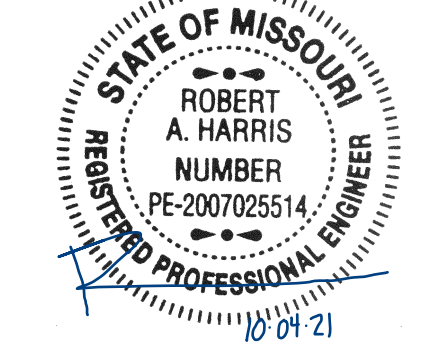
LENSCRAFTERS  
A Subsidiary of the Luxottica Group  
4000 Luxottica Place Mason, Ohio 45040

Revisions:

Mark	Date	By
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THIS SHEET IS PART OF THE CONSTRUCTION DOCUMENTS. OTHER SHEETS INCLUDING SPECIFICATIONS APPLY. THIS SHEET HEREON IS SCHEMATIC IN NATURE AND NOT TO BE USED AS A SHOP DRAWING. VERIFY LOCATIONS AND DIMENSIONS OF ALL MECHANICAL AND ELECTRICAL ELEMENTS AS SHOWN ON THEIR RESPECTIVE DOCUMENTS. THESE ELEMENTS ARE SHOWN FOR INFORMATION AND CLARITY. THE DESIGN PROFESSIONAL ASSUMES NO LIABILITY FOR THE ACCURACY OF THESE ELEMENTS. NO DESIGN RESPONSIBILITY IS ASSUMED FOR ANY PORTION OF THE WORK THAT THE PROFESSIONAL ENGINEER HAS NOT SEEN AND SEALED PER STATE/PROVINCE REQUIREMENTS.

Seal



Architect Job No.:

LUX-305

Nextore Store Design Revision No.:

REV 06

Nextore project Number

84169

Brand Design Type:

LC06 AUGNORM

ISSUED FOR:

Construction

Title

FIRE PROTECTION PLAN

Date

10/01/21

Drawn By

ATL

Checked By

NRP

Sheet

FP200