1 GENERAL NOTES

A. 'DOCUMENTS', AS USED HEREIN, SHALL COMPRISE THE ENTIRE INTEGRATED SET OF ALL WRITTEN INSTRUMENTS RELATED TO THE PROJECT, INCLUSIVE OF, BUT NOT EXCLUSIVE TO, ALL CONTRACTS, SUBCONTRACTS, DRAWINGS, SKETCHES, MEMORANDA, ADDENDA, 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 USEABLE FOR ITS INTENDED PURPOSE. GC SHALL BE RESPONSIBLE TO VISIT THE SITE PRIOR TO SUBMISSION OF BID. ANY DISCREPANCIES FROM PLANS SHALL BE CONVEYED TO THE ESSILOR LUXOTTICA PROJECT MANAGER PRIOR TO BID SUBMISSION. SUBMISSION OF BID SHALL CONSTITUTE ACKNOWLEDGEMENT AND ACCEPTANCE OF EXISTING CONDITIONS.

B. ALL MATERIALS AND/OR LABOR FOR THE PROJECT WHICH IS SHOWN ON THE DRAWINGS AND SPECIFICATIONS OR IS REASONABLY INFERABLE THEREIN AS BEING NECESSARY TO PRODUCE A FINISHED PROJECT, SHALL BE PROVIDED BY 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.I.C. ("NOT IN CONTRACT") OR BY OTHERS. THE DESIGN INTENT OF THE DRAWINGS SHALL ALWAYS BE THE GOAL.

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 ESSILOR LUXOTTICA PROJECT MANAGER IMMEDIATELY OF SUCH DISCREPANCIES OR INCONSISTENCIES.

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 ESSILOR LUXOTTICA PROJECT MANAGER IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO INITIATING CONSTRUCTION.

E. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING A CURRENT SET OF CONSTRUCTION DRAWINGS ON SITE AT ALL TIMES DURING CONSTRUCTION. THIS SET 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 ESSILOR LUXOTTICA 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 ESSILOR LUXOTTICA PROJECT MANAGER AT PUNCH WHICH WILL THEN BE STORED ON SITE IN THE DRAWING TUBE LOCATED AT THE PHONE BOARD.

F. ANY DISCREPANCIES, ERRORS, OR OMISSIONS DISCOVERED IN THE CONTRACT DOCUMENTS BY THE GC SHALL BE BROUGHT TO THE ATTENTION OF THE ESSILOR LUXOTTICA PROJECT MANAGER FOR DIRECTION BEFORE PROCEEDING WITH THE RELATED WORK. OTHERWISE, THE CORRECTION OF SUCH ITEMS WILL BE THE RESPONSIBILITY OF THE GC.

G. NO MATERIAL SUBSTITUTIONS WILL BE ALLOWED UNLESS SUBMITTED IN WRITING AND APPROVED IN WRITING BY THE ESSILOR LUXOTTICA PROJECT MANAGER.

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 ESSILOR LUXOTTICA'S PROJECT MANAGER 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 ESSILOR LUXOTTICA PROJECT MANAGER AT CONSTRUCTION COMPLETION, AND A COPY IS TO BE INCLUDED IN THE CLOSEOUT PACKAGE FROM THE GENERAL CONTRACTOR.

I. THE GENERAL CONTRACTOR SHALL INSPECT, VERIFY AND INVENTORY ALL SHIPMENTS OF ESSILOR LUXOTTICA 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 ESSILOR LUXOTTICA 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.

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.

K. THE GENERAL CONTRACTOR SHALL DELIVER TO THE ESSILOR LUXOTTICA PROJECT MANAGER A COPY OF THE CERTIFICATE OF OCCUPANCY (C OF O), LIEN WAIVERS, WARRANTIES, GUARANTEES AND EQUIPMENT OPERATION MANUALS. THE ORIGINAL CERTIFICATE OF OCCUPANCY IS TO BE LEFT WITH THE STORE GENERAL MANAGER.

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 & HARDWARE. DAILY CLEAN REQUIRED.

M. THESE CONSTRUCTION DOCUMENTS ARE NOT TO BE SCALED. ALL DIMENSIONS ARE TO FINISH FACE OF WALL, UNLESS OTHERWISE NOTED.

N. THESE DRAWINGS ARE NOT TO BE ALTERED IN ANY WAY WITHOUT THE WRITTEN AUTHORIZATION FROM ESSILOR LUXOTTICA'S ARCHITECT.

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 AT TIME OF BID AND PRIOR TO CONSTRUCTION START. NO EXTRA COSTS WILL BE ALLOWED TO ACCOMMODATE ANY RESTRICTIONS OR LIMITATIONS.

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. (3) CLEANINGS REQUIRED. (1) PRIOR TO PUNCH, (1) AT TURNOVER, & (1) AT STORE OPENING. THE FINAL CLEANING IS TO BE PERFORMED NO MORE THAN ONE DAY PRIOR TO THE TURN OVER. IF AN UNTIDY STORE IS TURNED OVER, ESSILOR LUXOTTICA RESERVES THE RIGHT, WITHOUT NOTICE TO THE GENERAL CONTRACTOR, TO EMPLOY PROFESSIONAL CLEANING SERVICES AND DEDUCT THE COST PLUS 15% FROM THE BALANCE OF THE GENERAL CONTRACTOR.

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. THE GENERAL CONTRACTOR SHALL, WITHOUT EXCEPTION, PROVIDE AND INSTALL ANY AND ALL DUST PROTECTION REQUIRED DURING CONSTRUCTION. PROVIDE BLANKETS, CARDBOARD, ETC AS NECESSARY TO PROTECT MILLWORK SURFACES.

S. THE GENERAL CONTRACTOR SHALL COORDINATE ALL ACTIVITIES AND ANY INTERRUPTION OF SERVICES WITH THE LANDLORD PRIOR TO THE START OF CONSTRUCTION. ANY SHUT DOWNS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR

T. ALL CONSTRUCTION SHALL CONFORM TO ALL APPLICABLE CODES AND ORDINANCES, THE LANDLORD'S TENANT DESIGN CRITERIA, THE LANDLORD'S CONSTRUCTION RULES AND REGULATIONS, ESSILOR LUXOTTICA STANDARD SPECIFICATIONS, ESSILOR LUXOTTICA'S 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.

U. ALL WOOD CONSTRUCTION, INCLUDING BLOCKING, SHALL BE FIRE RESISTANT TREATED (FRT). ANY NEW FRAMING AT THE STOREFRONT AND / OR ABOVE THE CEILING SHALL BE NON-COMBUSTIBLE.

V. THE GENERAL CONTRACTOR SHALL PROVIDE ALL FIRE EXTINGUISHERS (AND WHERE APPLICABLE, FIRE EXTINGUISHER CABINETS), CONCEALED BLOCKING AND SIGNAGE FOR FIRE EXTINGUISHERS 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.

W. GENERAL CONTRACTOR TO PROVIDE ALL FLOOR PREPARATION AS NEEDED TO ASSURE COMPLIANCE WITH FINISHED FLOORING MANUFACTURER SPECIFICATIONS.

X. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF ALL CEILING WORK WITH THE MEP DRAWINGS.

Y. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF ALL LIGHTING WITH THE ELECTRICAL DRAWINGS / REFLECTED CEILING PLAN.

Z. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR RECEIVING AND INSTALLING ALL LIGHT FIXTURES SUPPORTS, INCLUDING ANY AND ALL SEISMIC REQUIREMENTS.

AA. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING REQUIRED FIRE RATINGS AND FIRE PROOFING IN ALL INSTANCES.

AB. ALL PENETRATIONS OF DEMISING WALLS, ROOF AND FLOOR SHALL BE FIRE SAFE / PROOF PER CODES / LANDLORD REQUIREMENTS. THE MOST STRINGENT REQUIREMENT SHALL PREVAIL.

AC. THE GENERAL CONTRACTOR SHALL RECEIVE, UNLOAD, AND PROVIDE SAFE STORAGE OF ALL ESSILOR LUXOTTICA / ESSILOR LUXOTTICA SUPPLIED AND / OR INSTALLED MATERIAL. TRASH REMOVAL OF ALL BOXES / CRATES CONTAINING ESSILOR LUXOTTICA / ESSILOR LUXOTTICA SUPPLIED AND / OR INSTALLED MATERIAL, INCLUDING BUT NOT LIMITED TO FLOORING, MILLWORK, LIGHTING, HARDWARE, ACCESSORIES, EQUIPMENT, ETC. SHALL BE BY THE GENERAL CONTRACTOR.

AD. NOTICE OF INCIDENT: THE GENERAL CONTRACTOR SHALL, VIA ELECTRONIC MEDIUM AND ESSILOR LUXOTTICA STANDARD NOTIFICATION AND REPORTING FORMS, IMMEDIATELY NOTIFY THE ESSILOR LUXOTTICA PROJECT MANAGER OF ANY INCIDENT INVOLVING THE PROJECT WHICH RESULTS IN CONTACT WITH ANY FEDERAL, STATE OR LOCAL GOVERNMENT AGENCY OR AS CALLED OUT IN ESSILOR LUXOTTICA'S OR THE LANDLORDS RULES, REGULATIONS OR POLICIES.

AE. WEEKLY PROGRESS PHOTOS, DAILY REPORTS, SAFETY INSPECTIONS, SCHEDULE UPDATES, CHANGE ORDER LOGS, RFI/SUBMITTAL LOGS, AND TOOL BOX TOPICS SHALL BE SUBMITTED TO THE ESSILOR LUXOTTICA PROJECT MANAGER VIA PROJECT READY AS REQUIRED IN THE DOCUMENTS OR DIRECTED BY THE ESSILOR LUXOTTICA PROJECT MANAGER.

AF. E.C. SHALL MAKE ALL FINAL CONNECTIONS AS REQUIRED FOR A FULLY COMPLETE AND OPERABLE SYSTEM.

1A SHOP DRAWING APPROVAL

FIRE SPRINKLER AND FIRE ALARM SYSTEMS SHOP DRAWINGS MUST BE SUBMITTED FOR APPROVAL, WHEN APPLICABLE TO THE PROJECT. THE ARCHITECT AND ESSILOR LUXOTTICA PROJECT MANAGER MUST APPROVE THE SHOP DRAWINGS BEFORE ANY INSTALLATION CAN OCCUR. THE DESIGN INTENT OF THE CEILING IS FOR ALL CEILING ELEMENTS TO BE IN ALIGNMENT WITH EACH OTHER, INCLUDING FIRE ALARM DEVICES AND SPRINKLER HEADS. IF FIRE ALARM AND SPRINKLER HEADS ARE INSTALLED WITHOUT THE PROJECT MANAGER OR ARCHITECTS APPROVAL, THE GENERAL CONTRACTOR IS SUBJECT TO RELOCATING THESE ITEMS, TO ACHIEVE THE DESIRED ALIGNMENT, AT THE GENERAL CONTRACTORS COST.

2 GENERAL CONTRACTOR NOTES

SAFETY:
SAFETY OF ALL EMPLOYEES, ASSOCIATES AND CUSTOMERS SHALL BE THE NUMBER ONE PRIORITY FOR ALL CONTRACTORS ON ANY ESSILOR LUXOTTICA 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

1. BUILDING PERMIT AND CERTIFICATE OF OCCUPANCY:
   A. THE GC SHALL CONTACT THE ESSILOR LUXOTTICA PROJECT MANAGER 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.
   B. THE GC SHALL ARRANGE FOR ALL REQUIRED INSPECTIONS.
   C. THE GC SHALL DETERMINE IF THE INSPECTORS WILL BE CHECKING LAB FOR UL OR ETL LABELS AND NOTIFY THE ESSILOR LUXOTTICA PROJECT MANAGER NO LATER THAN 4 WEEKS BEFORE "PUNCH".
   D. IF REQUIRED, A "TEMPORARY C OF O" OR BUILDING DEPARTMENT APPROVAL SHALL BE RECEIVED TO SET DOWN EQUIPMENT.
2. DIMENSIONS:
   THE WORD 'HOLD' REFERS TO A CRITICAL DIMENSION AND MUST BE ADHERED TO. IF THESE DIMENSIONS CAN NOT BE MET, SUBMIT IN WRITING & CALL ESSILOR LUXOTTICA PROJECT MANAGER FOR DIRECTION.
3. ON-SITE COMMUNICATION:
   A. THE GC SHALL CONTACT THE ESSILOR LUXOTTICA PROJECT MANAGER TO RESOLVE ALL FIELD ISSUES.
   B. GC TO HAVE CELL PHONE WITH VOICEMAIL CAPABILITIES.
   C. GC TO HAVE LAPTOP ON SITE WITH WIFI CAPABILITIES.
   D. GC TO HAVE PRINTER ON SITE.
4. CHANGE ORDERS:
   NO ADDITIONAL COSTS OR DESIGN CHANGES WILL BE ACCEPTED WITHOUT THE WRITTEN APPROVAL OF THE ESSILOR LUXOTTICA PROJECT MANAGER AND THE EXECUTION OF THE ESSILOR LUXOTTICA CHANGE ORDER PROCESS, PRIOR TO THE COMMENCEMENT OF SUCH WORK. CHANGE ORDER WORK COMPLETED WITHOUT SIGNED APPROVAL TO DO SO, IS DONE SO AT THE GC'S RISK.
5. SUBCONTRACTOR COORDINATION:
   GC TO COORDINATE LUXOTTICA VENDORS ON SITE. 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 ESSILOR LUXOTTICA PROJECT MANAGER SUBCONTRACTORS SHOULD CONTACT THE GC FOR SCHEDULE CLARIFICATIONS.
6. 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 CALENDAR DAYS PRIOR.
7. DATA-POS / PHONES:
   A. NEW T1 & RELO STORES: PHONE BOARD TO BE INSTALLED WITHIN 7 CALENDAR DAYS OF THE CONSTRUCTION START DATE. ACCESS TO PHONE BOARD SHALL BE AFFORDED TO ALL TENANT VENDORS. TELEPHONE, ELECTRIC AND DATA CABLING INSTALLED ONE WEEK BEFORE "PUNCH" FOR HARDWARE INSTALLATION AND TESTING. CONTACT ESSILOR LUXOTTICA PROJECT MANAGER IF NEEDED.
   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.
8. ELECTRICAL AND LIGHTING DELIVERIES
   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.
9. TURNOVER PROCEDURE:
   A. THE GC SHALL CALL THE THE ESSILOR LUXOTTICA PROJECT MANAGER TO CONFIRM THE TURNOVER DATE NO LATER THAN 10 WORKING DAYS BEFORE TURNOVER.
   B. ALL CONSTRUCTION ITEMS, INCLUDING ITEMS ON THE INSTALLATION SCHEDULE ARE TO BE COMPLETED BEFORE TURNOVER DAY.
   C. THE GC AND ESSILOR LUXOTTICA PROJECT MANAGER TO CONDUCT THE PUNCH WALKTHROUGH, NOTING ALL DEFICIENCIES AND TIMING FOR RESOLUTION.
   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 ESSILOR LUXOTTICA PROJECT MANAGER HAS APPROVED ITEMS CONFIRMING COMPLETION OF THE "PUNCH LIST" BY GC.
   E. A COPY OF THE "CONFIRMED COMPLETION OF PUNCH LIST" WITH PHOTOS MUST BE GIVEN TO THE ESSILOR LUXOTTICA PROJECT MANAGER BY THE GC.
10. SETDOWN FOR NEW CORPORATE STORES:
    ESSILOR LUXOTTICA'S NEW STORE TEAM WILL DELIVER ALL MERCHANDISE 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 DUMPSTER AND ASSIST WITH REMOVAL OF SETDOWN DEBRIS.

3 AIR BALANCE REPORTS

G.C. RESPONSIBLE TO OBTAIN CERTIFIED AIR BALANCING REPORT FROM MELINK VENDOR INDEPENDENT FROM THE HVAC CONTRACTOR.

G.C. TO COORDINATE WITH MELINK REGARDING SITE READINESS AND DATES OF INSPECTIONS AROUND TAB REPORTS, PRE-GRID WALK THROUGH AND COMMISSIONING. IF SITE IS NOT READY AND MELINK NEEDS TO RETURN TO PERFORM THEIR WORK, THE G.C. WILL BE RESPONSIBLE FOR ANY COSTS INCURRED FOR A REVISIT AS REQUIRED

4 UTILITY ACCOUNT TRANSFER/SETUP

GENERAL CONTRACTOR'S SUPERINTENDENT SHALL CONTACT THE LL'S PROPERTY MANAGER UPON ARRIVAL AT THE METER INSTALLATIONS FOR GAS/ELECTRIC/WATER:

FOR NEW AND RELOCATED STORES ONLY:

1. GC SHALL ESTABLISH ALL UTILITY ACCOUNTS, I.E. ELECTRICITY, NATURAL GAS, WATER, AND WASTE IN THEIR NAME, AS SOON AS THE PROJECT COMMENCES.
2. THE GC WILL BE REIMBURSED BY US FOR THE UTILITY CHARGES DURING THE COURSE OF THE PROJECT.
3. ONCE UTILITIES HAVE BEEN ESTABLISHED BT THE GC, THE GC IS TO CONTACT SCHNEIDER ELECTRIC AT: LUXOTTICA@SE.COM, CC'ING JASON WATKINS (JASON.WATKINS@SE.COM) AND LEO GARCIA (LEONEL.GARCIA@SE.COM) SO THAT SCHNEIDER MAY TRANSFER AND ESTABLISH THE UTILITY OVER TO ESSILORLUXOTTICA. WHEN CONTACTING SCHNEIDER, THE GC SHALL CONVEY THE FOLLOWING INFORMATION:
   A. STORE ADDRESS AND SPACE NUMBER
   B. EACH UTILITY COMPANY'S NAME AND PHONE NUMBERS FOR NATURAL GAS OR PROPANE, ELECTRIC, WATER, SEWER, AND WASTE)
   C. THE METER AND SOCKET NUMBERS (WHICHEVER IS APPLICABLE), FOR EACH UTILITY ACCOUNT TO BE ESTABLISHED IN LUXOTTICA'S NAME.
      i.) A PHOTOGRAPH OF EACH METER, IT'S METER NUMBER AND SERIAL NUMBER IS BEST, AND THEN E-MAILED TO SCHNEIDER: LUXOTTICA@SE.COM

5 SCOPE OF WORK

EXTERIOR STOREFRONT
- EXISTING STOREFRONT TO REMAIN AS IS
- EXISTING ILLUMINATED STOREFRONT SIGN TO REMAIN

INTERIOR

RETAIL AREA
- EXISTING SECURITY GATES ARE TO REMAIN.
- REPLACE EXISTING SALES DISPLAY FIXTURES
- REPLACE EXISTING FLOORING WITH CERAMIC TILE
- REPLACE EXISTING LAY-IN CEILING WITH NEW GWB CEILING.
- REPLACE EXISTING HVAC DIFFUSERS AND GRILLES
- REPLACE ALL CEILING LIGHT FIXTURES, & TECHNOLOGY SYSTEMS, POWER AND HVAC DISTRIBUTIONS DEVICES.

STOCKROOM AREA
- REPLACE EXISTING FLOORING
- REPAINT ALL PARTITIONS
- REPLACE ALL EXISTING CEILING TILES WITH NEW, AND EXTEND CEILING GRID TO NEW PARTITION
- EXISTING LIGHTING FIXTURES TO REMAIN AND TO BE RELAMPED.
- EXISTING AIR DISTRIBUTION DEVICE TO REMAIN

RESTROOM
- EXISTING RESTROOM TO REMAIN
- REPLACE EXISTING FLOORING
- EXISTING ACOUSTICAL CEILING GRID AND TILE TO REMAIN. REPLACE BROKEN AND DAMAGED TILES WITH MATCHING CEILING TILES.
- REMOVE AND REPLACE EXISTING RESTROOM ACCESSORIES.
- PATCH, REPAIR AND REPAINT WALLS AND REPLACE WALL BASE.
- EXISTING EXHAUST FAN AND LIGHT TO REMAIN. INSPECT AND CLEAN TO 'NEW-LIKE CONDITION".

ELECTRICAL SYSTEMS
- EXISTING ELECTRIC SERVICE TO REMAIN
- REWORK AND REDISTRIBUTE POWER TO NEW LIGHT AND ELECTRICAL DEVICES.
- NEW LIGHTING AND POWER DEVICES FOR MILLWORK.
- RELOCATE EXISTING POWER AND CONTROLS FOR SECURITY GATES.

HVAC SYSTEMS
- EXISTING HVAC UNIT TO REMAIN.
- REDISTRIBUTE AIR DEVICES , & DUCTWORK
- REPLACE AND RELOCATE HVAC CONTROLS.

PLUMBING SYSTEMS
- REMOVE AND RELOCATE EXISTING LAVATORY AND INSTANTEOUS WATER HEATER.
- DISCONNECT AND RELOCATE WATER SUPPLY, SANITARY AND VENT LINE FOR LAVATORY.
- REPLACE EXISTING WATER CLOSET WITH NEW IN THE SAME LOCATION.
- INSPECT AND ENSURE FLOOR DRAIN AND SANITARY LINES ARE FREE FLOWING.

FIRE PROTECTION SYSTEMS
- EXISTING FIRE SPRINKLERS, AND ALARM SYSTEMS TO BE MODIFIED BASED ON THE RECONFIGURATION TO THE USE OF THE SPACE.

THIS IS BRIEF DESCRIPTION OF THE SCOPE OF WORK, HOWEVER IS NOT ALL INCLUSIVE STUDY THE ENTIRE SET OF DRAWINGS

LANDLORD'S REVIEW COMMENTS / APPROVALS

1. TENANT, TENANT'S DESIGN TEAM, AND TENANT'S CONTRACTORS SHALL FIELD VERIFY ALL FIELD CONDITIONS PRIOR TO THE START OF ANY CONSTRUCTION. BE ADVISED THAT CHANGES AND MODIFICATION TO THE LANDLORD'S APPROVED DRAWINGS SHALL BE RESUBMITTED TO LANDLORD FOR RE-APPROVAL ANY CONSTRUCTION COMPLETE WITHOUT LANDLORD APPROVAL SHALL BE CORRECTED AS APPROVED BY LANDLORD AT TENANT'S EXPENSE.
2. THESE PLANS HAVE BEEN SUBMITTED FOR OUR REVIEW AND APPROVAL IN ACCORDANCE WITH THE TERMS OF YOUR LEASE AGREEMENT FOR THE ABOVE REFERENCED SPACE. LANDLORD HEREBY APPROVES, OR APPROVES AS NOTED, SAID TENANT IMPROVEMENT PLANS FOR SAID PURPOSES, SUCH APPROVAL OR APPROVAL AS NOTED, DOES NOT CONSTITUTE THE ASSUMPTION ON OUR PART OF ANY RESPONSIBILITYFOR THE ACCURACY OR SUFFICIENCY OF SUCH PLANS, OR THE COMPLIANCE THEREOF WITH ANY GOVERNMENTAL OR OTHER REQUIREMENTS. THE RESPONSIBILITY FOR ALL OF WHICH BEING SOLELY YOURS. IN THE EVENT OF QUESTIONS OR CONFLICTS REGARDING LANLORD'S AND TENANT'S WORK AS DEFINED WITHIN THE TENANT'S PLANS, THE LEASE AGREEMENT WILL PREVAIL.
3. CONSTRUCTION SET OF PLANS REVIEWED AND APPROVED BY LANDLORD'S TENANT MANAGERALONG WITH THE LANDLORD PLAN REVIEW LETTER MUST BE PRESENT ON THE JOB SITE AND BE ACCOMPANIED BY PLANS APPROVED FOR BUILDING PERMIT. ANY PROPOSED DEVIATION FROM THE LANDLORD APPROVED PLANS MUST BE RESUBMITTED BY THE TENANT TO THE LANDLORD FOR RE-APPROVAL PRIOR TO ANY CONSTRUCTION CHANGES TAKING PLACE IN THE FIELD.
4. TENANT'S CONTRACTOR IS REQUIRED TO CHECK IN WITH THE PROPERTY MANAGEMENT OFFICE BEFORE COMMENCING ANY WORK WITHIN TENANT'S SPACEL TENANT'S CONTRACTOR SHALL CONFORM TO ALL PROPERTY RULES AND REGULATIONSAS PERTAIN TO CONSTRUCTION OF ANY TYPE THAT WILL BE CONDUCTED IN THE PROPERTY. TENANT'S CONTRACTOR SHALL SUBMIT PROPER PROOF OF INSURANCE , PERMITS, AND/OR LICENSE VERIFICATION AS REQUIRED IN THE CONSTRUCTION RULES AND REGULATIONS. ALL WORK PERFORMED BY TENANT, ITS VENDORS AND ITS GENERAL CONTRACTOR MUST BE COMPLETED TO LANDLORD'S SATISFACTION. TENANT'S GC IS RESPONSIBLE TO COMPLY WITH ALL RULES AND REGULATIONS AND AS POSTED ON WWW.SIMON.COM
5. CONTACT THE TENANT MANAGER FOR CONSTRUCTION BARRICADE REQUIREMENTS. IF A BARRICADE IS BEING UTILIZED, THE BARRICADE GRAPHICS MUST BE SUBMITTED TO AND APPROVED BY TENANT MANAGER PRIOR TO INSTALLATION.
6. IF A BARRICADE IS NOT REQUIRED AS A RESULT OF TENANT'S STOREFRONT WORK, THE LANLORD REQUIRES TENANT'S INSTALLATION OF TEMPORARY LIFESTYLE VINYL GRAPHICS ON THE STOREFRONT WINDOWS, DOORS AND TRANSOM DURING CONSTRUCTION. PROPOSED TEMPORARY STOREFRONT GRAPHICS ,MUST BE SUBMITTED TO THE TENANT MANAGER FOR LANDLORD APPROVAL BEFORE INSTALLATION. LANDLORD DOES NOT ALLOW INSTALLATION OF ANY PLASTIC, FILM OR PAPER BEHIND OR IN FRONT OF STOREFRONT GLASS WHILE TENANT'S CONSTRUCTION IS UNDERWAY.
7. ANY DAMAGE TO LANDLORD'S PROPERTY DURING TENANT DEMOLITION OR CONSTRUCTION (COMMON AREA HARDSCAPE, BULKHEAD, NEUTRAL PIERS ETC.) WILL BE REPAIRED AT THE TENANT'S EXPENSE PER LANDLORD SPECIFICATIONS.
8. ANY LANDLORD EQUIPMENT, COMPONENT, AND/OR SERVICE FEEDING OTHER TENANT(S) THAT IS EXISTING IN THE SPACE MUST REMAIN VISIBLE AND ACCESSIBLE TO THE LANDLORD. TENANT SHALL INSTALL ACCESS PANELS AS REQUIRED TO MAINTAIN ACCESS. ACCESS PANELS SHALL BE LABELED TO PROPERTY IDENTIFY SYSTEM. COORDINATE WITH MALL OPERATIONS.
9. ALL LANDLORD COMMENTS ON THIS SET OF DRAWINGS SHALL APPLY TO THE ENTIRE DOCUMENT SET, EVEN IF NOT REPEATED ON EVERY SHEET IN DRAWING SET.
10. TENANT'S CONTRACTOR MUST COORDINATE IN ADVANCE THE DELIVERY TIME AND METHOD OF DELIVERY OF EQUIPMENT, SUPPLIES, CONSTRUCTION MATERIALS AND CASEWORK WITH LANDLORD'S MANAGEMENT STAFF. THIS INCLUDES DELIVERY DATES AND TIMING. REPAIRS TO LANDLORD'S BUILDING, EXTERIOR LANDSCAPE, HARDSCAPE, OR ANY OTHER SURFACES DUE TO THE TENANT'S STORE CONSTRUCTION ARE THE RESPONSIBILITY OF TENANT. TENANT'S CONSTRUCTION WORK IS TO BE PERFORMED ONLY INSIDE THE DEMISED SPACE.
11. TENANT'S WITH INTERNALLY GENERATED ODORS OR OTHER CONTAMINATES (FOOD TENANT

1 RESPONSIBILITY SCHEDULE

NOTE: THE GENERAL CONTRACTOR SHALL VERIFY ALL ITEMS ON THIS SCHEDULE FOR ACCURACY PRIOR TO BEGINNING CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO TENANT'S PROJECT MANAGER IMMEDIATELY.

T= TENANT
GC= GENERAL CONTRACTOR
LL= LANDLORD
MW= MILLWORKER
N/A= NOT APPLICABLE

	SUPL (SUPPLIED BY)	RCV (RECEIVED BY)	INSTL (INSTALLED BY)	EXTG (EXISTING TO REMAIN)	P & R (PATCH & REPAIR)	RELO (RELOCATE)	REMARKS
DIVISION 01000 - GENERAL							
BUILDING PERMIT	GC	GC					GC SHALL AMEND / PICK UP PERMIT & PAY ADD'TL FEES; FEES BILLABLE TO ESSILOR LUXOTTICA AT NET COST; VIA CHANGE ORDER #1
BUSINESS LICENSE	T						CONSTRUCTION PROJECT MANAGER TO APPLY FOR AT BEGINNING OF PROJECT, GC TO COORDINATE
TELEPHONE SERVICE	T						CONSTRUCTION PROJECT MANAGER TO APPLY FOR AT BEGINNING OF PROJECT, GC TO COORDINATE
UTILITY ACCOUNT TRANSFER/SETUP	GC						GC TO COMPLETE AT BEGINNING OF JOB, SEE G001 OR ELECTRICAL SHEETS FOR SET UP INFO
PROFESSIONAL CLEAN-UP, FINAL CLEANING	GC	GC					(3) CLEANINGS REQUIRED. (1) PRIOR TO PUNCH, (1) AT TURNOVER, (1) AT OPEN. SEE SHEET G001, GENERAL NOTE 'Q' FORE MORE INFO.
DEMOLITION	GC	GC					FIELD VERIFY EXISTING CONDITIONS AND SEE PLANS FOR SCOPE
TEMPORARY FACILITIES / UTILITIES	GC	GC	GC				IF REQUIRED
OTHER PERMITS, FEES, INSURANCE	GC	GC					INCLUDING ALL LOCAL PEST CONTROL REQUIREMENTS, PERMITS, VERIFY REQUIREMENTS
TEMPORARY WINDOW GRAPHICS TO ACT AS BARRICADE (W/ TENANT'S BRAND SPECIFIC LOGO)	T		T				COORDINATE WITH LANDLORD. REMOVED BY GC AFTER TURN OVER TO BRAND OPERATIONS.
TRASH REMOVAL AND DUMPSTER(S)	GC	GC					COORDINATE WITH LANDLORD AND LOCAL SUPPLIERS. GC. TO REMOVE/DISPOSE OF ALL BOXES/CRATES/TRASH OF TENANT SUPPLIED AND INSTALLED ITEMS, INCL. DISPLAY FIXTURES & HARDWARE. DAILY CLEAN REQUIRED.
DIVISION 03000 - CONCRETE							
CONCRETE SLAB	GC			●			G.C. TO INSPECT THE CONDITION OF CONCRETE SLAB TO DETERMINE THE STATE OF DISREPAIR DUE TO CRACKS, SPALDING, CHIPS, POROUSNESS, ALL PREVIOUS TENANT FLOOR FINISHES, ALL ITEMS IN OR UNDER THE SLAB (SIMILAR TO A GREASE INTERCEPTOR, STORM, SANITARY, WATER LINES, ELECTRICAL AND DATA CONDUITS.) ALL ITEMS THAT COULD BE POTENTIALLY BE DISTURBED OR HINDER THE PROPOSED TENANT IMPROVEMENTS OR REQUIRE THE REMOVAL, REWORK OR IMPROVEMENTS.
TRENCHING / CORE DRILLING CONCRETE SLAB	GC		GC	●			G.C. TO HIRE THIRD PARTY VENDOR TO X-RAY THE CONCRETE SLAB FOR THE DISCOVERY OF ANY EXISTING ELECTRIC AND DATA CONDUITS, WATER, AND SANITARY PIPING TO PRIOR TRENCH OR CORE DRILLING THE SLAB. PROVIDE A REPORT; INCLUDE ESTIMATED THICKNESS OF CONCRETE SLAB, AND PLAN DIAGRAM DEMONSTRATING WHERE AFFECTED ITEMS ARE LOCATED BELOW SLAB TO PM FOR THE RECORD. COORDINATE WITH LANDLORD & ADJACENT AFFECTED TENANTS FOR SCHEDULING TRENCHING OR CORE DRILLING OF THE SLAB, PRIOR TO PROCEEDING WITH WORK.
DIVISION 04000 - MASONRY							
DIVISION 05000 - MISC. METALS							
BASE BUILDING STRUCTURAL STEEL				●			
STRUCTURAL STEEL AS REQUIRED FOR TENANT BUILD-OUT							N/A
EXPANSION JOINTS	GC	GC	GC				IF REQUIRED
METAL FABRICATIONS	GC	GC	GC				
DIVISION 06000 - WOOD & PLASTICS							
BLOCKING (INCL. FOR FIXTURES, SHELVES, SIGNS)	GC	GC	GC				FIRE RETARDANT WOOD AND OR METAL PER AUTHORITY JURISDICTION / LL
ROUGH CARPENTRY, FIRE RETARDANT LUMBER & PLYWD	GC	GC	GC				
FLOOR PROTECTION	GC	GC	GC				DURABLE PROTECTION REQUIRED. PROVIDE WALK-OFF MAT AT BOTH SIDE OF ENTRY POINT(S) OF CONSTRUCTION AREA
FINISH CARPENTRY	GC	GC	GC				
FLOOR PREP	GC	GC	GC				REFER TO THE GENERAL NOTES ON THE FINISH PLAN FOR CLARIFICATION
DIVISION 07000 - THERMAL & MOISTURE PROTECTION							
SEALANTS, INSULATION & FIRE CAULKING	GC	GC	GC				SEE SPECIFICATIONS
THROUGH PENETRATIONS FIRE STOP	GC	GC	GC				
WATERPROOF MEMBRANE	GC	GC	GC				REFER TO FINISH SCHEDULE FOR TYPE WATERPROOF MEMBRANE TO BE PROVIDED AND FINISH PLAN FOR LOCATIONS
MOISTURE TEST	GC	GC	GC				REFER TO FINISH PLAN FOR THE ADDITIONAL REQUIREMENT FOR MOISTURE TEST OF THE EXISTNG CONCRETE
DIVISION 08000 DOORS & WINDOWS							
DOORS, FRAMES, HARDWARE	T	GC	GC				SEE DOOR SCHEDULE
ALL DOOR LOCK CORES AND KEYS	T	*	GC				TENANT'S PM TO RECEIVE. G.C. TO OBTAIN FROM TENANT'S PM. GC TO HIRE LOCKSMITH TO CHANGE/INSTALL CORES DAY OF TURNOVER.
ACCESS DOORS AND FRAMES	GC	GC	GC				
SECURITY GRILLE / SHUTTERS	GC	GC	GC	●			
STOREFRONT GLAZING SYSTEM				●			
STOREFRONT GLAZING				●			
STOREFRONT SWINGING DOORS AND HARDWARE			GC	●			G.C. TO INSPECT EXISTING DOOR AND DOOR HARDWARE FOR DEFICIENCIES, DAMAGES AND MAKE REPAIRS AS INSTRUCTED BY PM
MIRROR, METAL GLAZING CHANNELS, & MIRROR ADHESIVES	GC	GC	GC				SEE FINISH SCHEDULE AND DETAILS FOR ADDITIONAL INFORMATION.
DIVISION 09000 - FINISHES							
DEMISING PARTITIONS (STUDS & INSULATION)				●			SEE PLANS FOR SCOPE OF WORK.
DEMISING PARTITIONS (GYPSUM WALLBOARD)	GC	GC	GC	●			SEE PLANS FOR SCOPE OF WORK;. PATCH AND REPAIR DAMAGES OR PENETRATION TO COMPLY WITH ONE HOUR RATED PARTITION
DRYWALL: CEILING, WALLS, ENCLOSURES & REQ'D FRAMING	GC	GC	GC	●	GC		PER USG AESTHETIC ASSEMBLIES, ALL DRYWALL (INCL. EXISTING TO REMAIN), WALLS TO RECEIVE "LEVEL 4" FINISH & CEILING "LEVEL 5"
ACOUSTICAL CEILING TILES & GRID	GC	GC	GC				
PAINTING, FINISHING, VARNISH, SEALER, ETC.	GC	GC	GC				
TRANSITIONS	*	*	*				*SEE SHEET G009 FOR GC VS TENANT SUPPLIED ITEMS
FLOOR TILE	*	*	*				*SEE SHEET G009 FOR GC VS TENANT SUPPLIED ITEMS. GC MUST INSTALL FLOOR PER FLOORING MFG SPECIFICATIONS.
GROUT AND THINSET FOR TILE & ACCESSORIES	GC	GC	GC				*SEE SHEET A103 GENERAL NOTE '/' FOR GROUT TOLERANCE
WALK-OFF MAT	*	*	*				*SEE SHEET G009 FOR GC VS TENANT SUPPLIED ITEMS
WALL BASE							*SEE SHEET G009 FOR GC VS TENANT SUPPLIED ITEMS
VINYL FLOOR TILE	GC	GC	GC				*SEE SHEET G009 FOR GC VS TENANT SUPPLIED ITEMS.
CAULK / PAINTABLE CAULK	GC	GC	GC				
DIVISION 10000 - SPECIALTIES							
RETAIL WALL SIGNAGE	T	GC	T				G.C. TO RECEIVE & COORDINATE SIGN INSTALLATION. GC RESPONSIBLE FOR ANY PRE-CONSTRUCTION REQUIRED FOR SIGN INSTALLATION.
GRAPHIC HOLDER	T	GC	GC				SEE FIXTURE PLAN FOR MORE INFORMATION
GRAPHICS	T	GC	T				SEE FIXTURE PLAN FOR MORE INFORMATION
ACCESSIBILITY SIGNAGE	T	GC	GC				SEE FIXTURE PLAN FOR MORE INFORMATION
SHELVES & SURFACE MTD. STANDARDS	GC	GC	GC				
FIRE EXTINGUISHERS	GC	GC	GC				SUGGESTED QUANTITIES & LOCATION ON PLAN - FIRE MARSHALL TO DETERMINE FINAL QUANTITY & LOCATIONS
STOREFRONT SIGNAGE				●			
RESTROOM ACCESSORIES & HARDWARE	*	*	*				* SEE SHEET A203 FOR G.C. VS TENANT SUPPLIED ITEMS
DISPLAY MONITORS (DIG-#####)	T	GC	GC				GC RESPONSIBLE FOR ANY PRE-CONSTRUCTION REQUIRED FOR MONITOR INSTALLATION.
DRAWING TUBE	GC	GC	GC				LOCATED ON PHONE BOARD
DIVISION 12000 - FURNISHINGS							
MILLWORK (RETAIL)	T	GC	GC				
MILLWORK (EMPLOYEE AREA)	T	GC	GC				
POS EQUIPMENT	T	GC	T				G.C. TO COORDINATE TIMING FOR SCHEDULING
MERCHANDISE PROPS	T	GC	T				G.C. TO RECEIVE, INVENTORY, FILLOUT SPREAD SHEET AND SEND BACK THE SAME DAY. AS WELL AS UPBACK DAY PRIOR TO TURNOVER.
FURNITURE (CHAIRS, BENCHES, TABLES, ETC.)	T	GC	GC				G.C. TO ASSEMBLE
STAPLES ACCESSORIES	T	GC	GC				LOCATION NOT SHOWN ON PLANS, COORDINATE PLACEMENT WITH TENANT'S PM
REFRIGERATOR & MICROWAVE	T	GC	GC				
SAFE	T	GC	GC				G.C. TO BOLT TO FLOOR PER MANUFACTURER

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2 MECHANICAL, ELECTRICAL, PLUMBING, RESPONSIBILITY SCHEDULE

SEE RELATED SHEETS PER TRADE

2-RB-G002-REV00

3 ACCESSIBILITY NOTES

1. THIS PROJECT WILL COMPLY WITH ALL FEDERAL REQUIREMENTS UNDER ADAAG 4.1.3 - 2010 ADA STANDARDS.
2. ALL DOORS LEADING TO REQUIRED ACCESSIBLE ROOMS AND SPACES SHALL HAVE CLEAR OPENING OF 32" WIDE, HAVE LEVER OPERATED HARDWARE (OR EQUAL), HAVE A MIN. OPENING FORCE OF 5 LBF.
3. ALL NEW OR ALTERED ENVIRONMENTAL CONTROL AND OPERATING MECHANISMS WILL COMPLY WITH ICC A117.1 SECTION 309 (OPERABLE PARTS BETWEEN 34" AND 48" A.F.F. WITH A 10" MAX OBSTRUCTION IN FRONT OF IT.)
4. ACCESSIBLE AUDIBLE AND VISIBLE ALARMS AND NOTIFICATION APPLIANCES SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 72 LISTED IN SECTION 105.2.2. BE POWERED BY A COMMERCIAL LIGHT AND POWER SOURCE, BE PERMANENTLY CONNECTED TO THE WIRING OF THE PREMISES ELECTRIC SYSTEM, AND BE PERMANENTLY INSTALLED.
5. EVERY EXIT DOOR SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, TOOL, OR SPECIAL KNOWLEDGE OR EFFORT. SPECIAL LOCKING DEVICES SHALL BE OF AN APPROVED TYPE.
6. EXIT DOORS (INCLUDING EXISTING DOORS) SHALL NOT BE LESS THAN 36" IN WIDTH AND NOT LESS THAN 6'-8" IN HEIGHT. PROJECTIONS INCLUDING PANIC HARDWARE, SHALL NOT REDUCE THE OPENINGS TO LESS THAN 32" IN CLEAR WIDTH.
7. HEIGHT OF THRESHOLDS AT EXIT DOORS SHALL BE 1/2" MAXIMUM.
8. CARPET PILE HEIGHT SHALL BE 1/2" MAXIMUM.
9. AISLES LEADING TO REQUIRED EXITS SHALL HAVE A MINIMUM WIDTH OF 44".
10. GLASS DOORS, ADJACENT PANELS, AND ALL GLAZED OPENINGS WITHIN 24" OF ADJACENT FLOORS SHALL BE TEMPERED GLASS.

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4 ABBREVIATIONS

ADA	AMERICANS WITH DISABILITIES ACT	FIN.	FINISH	O.C.	ON CENTER
ADJ.	ADJACENT	FLR.	FLOOR	PL.	PLASTIC
A.F.F.	ABOVE FINISHED FLOOR	G.C.	GENERAL CONTRACTOR	RM.	ROOM
CLG.	CEILING	GWB	GYPSUM WALLBOARD	R.O.	ROUGH OPENING
C.J.	CONTROL JOINT	H.M.	HOLLOW METAL	S.C.	SOLID CORE
COL.	COLUMN	HT.	HEIGHT	SHLV	SHELVES
CONC.	CONCRETE	HVAC	HEATING/VENT./AIR CONDITIONING	SIM.	SIMILAR
CONT.	CONTINUOUS	INT.	INTERIOR	STL	STEEL
DIM.	DIMENSION	LAM.	LAMINATE	STRL.	STRUCTURAL
DWG.	DRAWING	LOC.	LOCATION	TME	TO MATCH EXISTING
EA	EACH	MEP	MECHANICAL ELECTRICAL PLUMBING	T.O.W.	TOP OF WALL
ELEC.	ELECTRIC	MECH.	MECHANICAL	TYP.	TYPICAL
EQ.	EQUAL	MTL.	METAL	U.L.	UNDERWRITERS LABORATORIES
EQUIP.	EQUIPMENT	MISC.	MISCELLANEOUS	U.N.O.	UNLESS NOTED OTHERWISE
EXT'G.	EXISTING	N.I.C.	NOT IN CONTRACT	VERT	VERTICAL
F.E.	FIRE EXTINGUISHER	N.T.S.	NOT TO SCALE	W/	WITH
		NO.	NUMBER	WD	WOOD

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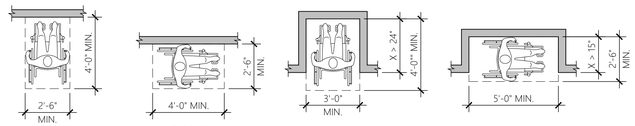
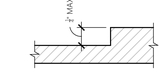
5 ACCESSIBILITY DETAILS



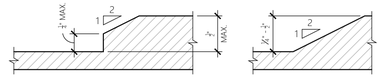
WHEELCHAIR CLEAR FLOOR SPACE

ICC 117.1 - SECTION 303 NOTES

303.1 GENERAL - CHANGES IN LEVEL IN FLOOR SURFACES SHALL COMPLY WITH SECTION 303.
303.2 VERTICAL - CHANGES IN LEVEL OF ¼" MAXIMUM IN HEIGHT SHALL BE PERMITTED TO BE VERTICAL.
303.3 BEVELED - CHANGES IN LEVEL GREATER THAN ¼" IN HEIGHT AND NOT MORE THAN ½" MAXIMUM IN HEIGHT SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2.
303.4 RAMP - CHANGES IN LEVEL GREATER THAN ½" IN HEIGHT SHALL BE RAMPED AND SHALL COMPLY WITH SECTION 405 & 406.



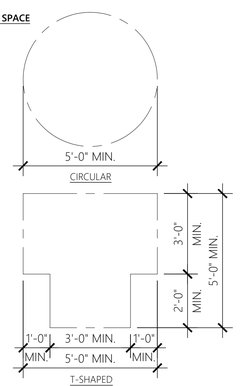
CARPET ON FLOOR SURFACES



BEVELED CHANGES IN LEVEL

CHANGES IN LEVEL

TURNING SPACE



304.1 GENERAL - A TURNING SPACE SHALL COMPLY WITH SECTION 304
304.2 FLOOR SURFACE - FLOOR SURFACES OF A TURNING SPACE SHALL HAVE A SLOPE NOT STEEPER THAN 1:48 AND SHALL COMPLY WITH SECTION 302.
304.3 SIZE - TURNING SPACES SHALL COMPLY WITH SECTION 304.3.1 OR 304.3.2 .
304.3.1 CIRCULAR SPACE - THE TURNING SPACE SHALL BE A CIRCULAR SPACE WITH A 60" MINIMUM DIAMETER. THE TURNING SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE COMPLYING WITH SECTION 306.
304.3.2 T-SHAPED SPACE - THE TURNING SPACE SHALL BE A T-SHAPED SPACE WITHIN A 60" MINIMUM SQUARE, WITH ARMS AND BASE 36" MINIMUM IN WIDTH. EACH ARM OF THE T SHALL BE CLEAR OF OBSTRUCTIONS 12" MINIMUM IN EACH DIRECTION, AND THE BASE SHALL BE CLEAR OF OBSTRUCTIONS 24" MINIMUM. THE TURNING SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE COMPLYING WITH SECTION 306 ONLY AT THE END OF EITHER THE BASE OR ONE ARM.

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6 SYMBOLS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
ELEVATION NO. (TYP.) / SHEET NO.	4 WAY ELEVATION	SECTION NO. / SHEET NO.	SECTION
ELEVATION NO. (TYP.) / SHEET NO. (TYP.)	WALL SECTION OR ELEVATION	DETAIL NO. / SHEET NO.	DETAIL
A / 1 (LETTERS "O" & "I" NOT TO BE USED)	BUILDING GRID LINES	MATERIAL (REFER TO SCHEDULE) T T102 FINISH (REFER TO SCHEDULE)	FINISH

SYMBOL	DESCRIPTION
	ROOM NUMBER
	DOOR
	WALL TYPE
	KEY NOTE
	REVISION

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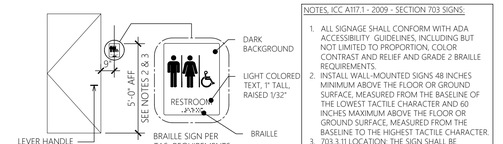
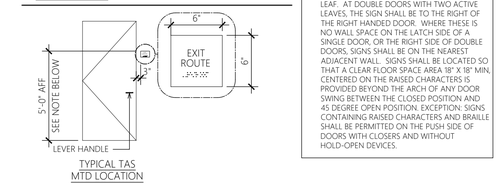
7 ACCESSIBILITY SIGNAGE



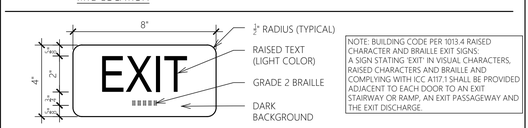
TYPICAL TAS MTD LOCATION

NOTES, ICC A117.1 - 2009 - SECTION 703 SIGNS:

1. ALL SIGNAGE SHALL CONFORM WITH ADA ACCESSIBILITY GUIDELINES, INCLUDING BUT NOT LIMITED TO PROPORTION, COLOR CONTRAST AND RELIEF AND GRADE 2 BRAILLE REQUIREMENTS.
2. INSTALL WALL-MOUNTED SIGNS 48 INCHES MINIMUM ABOVE THE FLOOR OR GROUND SURFACE, MEASURED FROM THE BASELINE OF THE LOWEST TACTILE CHARACTER AND 60 INCHES MAXIMUM ABOVE THE FLOOR OR GROUND SURFACE, MEASURED FROM THE BASELINE TO THE HIGHEST TACTILE CHARACTER.
3. 703.3.11 LOCATION: THE SIGN SHALL BE ALONGSIDE THE DOOR AT THE LATCH SIDE. AT DOUBLE DOORS WITH ONE ACTIVE LEAF, THE SIGN SHALL BE LOCATED ON THE INACTIVE LEAF. AT DOUBLE DOORS WITH TWO ACTIVE LEAVES, THE SIGN SHALL BE TO THE RIGHT OF THE RIGHT HANDED DOOR. WHERE THESE IS NO WALL SPACE ON THE LATCH SIDE OF A SINGLE DOOR, OR THE RIGHT SIDE OF DOUBLE DOORS, SIGNS SHALL BE ON THE NEAREST ADJACENT WALL. SIGNS SHALL BE LOCATED SO THAT A CLEAR FLOOR SPACE AREA 18" X 18" MIN, CENTERED ON THE RAISED CHARACTERS IS PROVIDED BEYOND THE ARCH OF ANY DOOR SWING BETWEEN THE CLOSED POSITION AND 45 DEGREE OPEN POSITION. EXCEPTION: SIGNS CONTAINING RAISED CHARACTERS AND BRAILLE SHALL BE PERMITTED ON THE PUSH SIDE OF DOORS WITH CLOSERS AND WITHOUT HOLD-OPEN DEVICES.



TYPICAL TAS MTD LOCATION



NOTE: BUILDING CODE PER 1013.4 RAISED CHARACTER AND BRAILLE EXIT SIGNS:
A SIGN STATING 'EXIT' IN VISUAL CHARACTERS, RAISED CHARACTERS AND BRAILLE AND COMPLYING WITH ICC A117.1 SHALL BE PROVIDED ADJACENT TO EACH DOOR TO AN EXIT STAIRWAY OR RAMP, AN EXIT PASSAGEWAY AND THE EXIT DISCHARGE.

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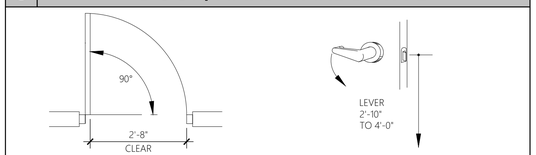
8 DOOR/HARDWARE DETAIL



DOORS ENTRANCES.
ALL PRIMARY ENTRANCES TO BUILDINGS AND FACILITIES ARE REQUIRED TO BE MADE ACCESSIBLE. A PRIMARY ENTRANCE IS DEFINED AS, "...ANY ENTRANCE TO A FACILITY WHICH HAS A SUBSTANTIAL FLOW OF PEDESTRIANS TO ANY SPECIFIC MAJOR FUNCTION OF THE FACILITY." REVOLVING DOORS CAN NOT BE USED AS A REQUIRED ENTRANCE FOR THE HANDICAPPED. RECESSED DOORMATS ARE REQUIRED TO BE ANCHORED TO PREVENT INTERFERENCE WITH WHEELCHAIR TRAFFIC.

DOOR WIDTHS AND HEIGHTS.
REQUIRED EXIT DOORWAYS ARE REQUIRED TO HAVE A CLEAR OPENING NOT LESS THAN 32 INCHES WIDE. FOR HINGED DOORS, THE OPENING IS MEASURED WITH THE DOOR AT A 90 DEGREE ANGLE FROM ITS CLOSED POSITION. AT LEAST ONE OF A PAIR OF DOORS, INCLUDING AUTOMATIC DOORS, HAS TO PROVIDE THE 32 INCH CLEAR OPENING. DOOR HEIGHTS ARE REQUIRED TO BE A MINIMUM OF 80 INCHES.

HARDWARE.
HAND ACTIVATED DOOR OPENING HARDWARE IS REQUIRED TO BE CENTERED BETWEEN 34 AND 48 INCHES HIGH. LATCHING AND LOCKING DOORS THAT ARE HAND ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL HAVE TO BE OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE, BY PANIC BARS, PUSH-PULL ACTIVATING BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE. LOCKED EXIT DOORS ARE REQUIRED TO OPERATE AT DESCRIBED ABOVE IN THE DIRECTION OF EGRESS.

CLOSERS.
THE MAXIMUM EFFORT TO OPERATE DOORS CANNOT EXCEED 8.5 POUNDS FOR EXTERIOR DOORS AND 5 POUNDS FOR INTERIOR DOORS. REQUIRED FIRE DOORS MAY REQUIRED UP TO 15 POUNDS PRESSURE. THE PRESSURE IS TO BE MEASURED AT RIGHT ANGLES TO HINGED DOORS AND AT THE CENTER PLANE OF SLIDING OR FOLDING DOORS. COMPENSATING DEVICES OR AUTOMATIC DOOR OPERATORS MAY BE UTILIZED TO MEET THE REQUIREMENTS. IF A DOOR HAS A CLOSER, THEN THE SWEEP PERIOD OF THE CLOSER SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 70 DEGREES, THE DOOR WILL TAKE AT LEAST 3 SECONDS TO MOVE TO A POINT 3 INCHES (75 mm) FROM THE LATCH, MEASURED TO THE LEADING EDGE OF THE DOOR.

THRESHOLDS.
THRESHOLDS ARE REQUIRED TO BE NO MORE THAN 1/2 INCH HIGH. BEVEL OR SLOPE THE EXPOSED EDGE AT AN ANGLE NOT EXCEEDING 45 DEGREES SO THAT NO SINGLE VERTICAL CHANGE OF ELEVATION EXCEEDS 1/4" INCH.
1. EXIT DOORS, TOILET ROOM AND CHANGING ROOM DOOR TO BE OPERABLE FROM INSIDE WITHOUT SPECIAL KNOWLEDGE, FORCE OR NEED OF KEY.
2. SEE SPECIFICATION SHEET FOR RESPONSIBILITIES.
3. ALL HARDWARE TO BE LEVER TYPE.

ENTRANCE SIGNS.
ALL BUILDINGS ENTRANCES THAT ARE ACCESSIBLE TO AND USABLE BY PHYSICALLY HANDICAPPED PERSONS SHALL BE IDENTIFIED WITH AT LEAST ONE STANDARD SIGN AND WITH ADDITIONAL DIRECTIONAL SIGNS, AS REQUIRED, TO BE VISIBLE TO PERSONS ALONG APPROACHING PEDESTRIAN WAYS.

8-RB-G002-REV00

DESIGN & CONSTRUCTION MANAGEMENT:

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+1 212.302.1200

STORE #4728
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241 FORT EVANS RD, NE #605
LEESBURG, VA 20176

Construction for:

sunglass hut
A Brand of EssilorLuxottica

Revisions:

Mark	Date	By
△		
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△		
△		
△		

Architect / Engineer of Record
LINO PICINIC
123 GROVE ST.
TENAFLY, NJ 07670

Seal

Architect / Engineer Job No.: SGH-124
EssilorLuxottica CDS Layout No.: **DD-REV7**
EssilorLuxottica Reference Set No.: **SGH06E**
EssilorLuxottica Project Number: 101057
Brand Design Type: **SGH06E**

ISSUED FOR:
☐ 100% PRELIM ☐ CONSTRUCTION
☐ 100% FINAL ☐ BULLETIN
☐ ADDENDUM

Sheet Name: RESPONSIBILITY SCHEDULE & TYPICAL INFO

Date 8/29/2025
Drawn By STAFF
Checked By STAFF
Sheet G002

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SPECIFICATIONS (1 OF 4)

DIVISION 01000 - GENERAL REQUIREMENTS
01000 GENERAL NOTES
PART 1 - GENERAL
A. DRAWINGS AND SPECIFICATIONS ARE INTENDED TO BE COMPLIMENTARY. 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 LABOR AND MATERIAL 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.
B. 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.
C. 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 LANDLORD AREAS AT ANY TIME. IF DEBRIS IS FOUND IN THIS AREA, IT WILL BE REMOVED AT THE EXPENSE OF THE GENERAL CONTRACTOR.
   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.
D. 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 AND PAID BY GENERAL CONTRACTOR.
   2. THE LANDLORDS ROOFING CONTRACTOR WILL, AT SUBTRADES WRITTEN REQUEST AND COST, PROVIDE THE OPENINGS, ANCHORING DEVISES, 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.
E. 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 LICENSED TRADESMEN AND MECHANICS QUALIFIED, THROUGH EXPERIENCE, IN THEIR RESPECTIVE TRADES. SAID CONTRACTORS SHALL REMOVE AND REPLACE WITHOUT DELAY ANY 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.
1.

01700 CLEANING / ADJUSTING / MAINTENANCE / WARRANTIES
PART 1 - GENERAL
A. FINAL CLEANING
   1. CONDUCT CLEANING AND REMOVE WASTE AND SURPLUS MATERIALS, RUBBISH AND CONSTRUCTION DEBRIS FROM SITE TO COMPLY WITH LOCAL LAW, ORDINANCE FEDERAL AND ENVIRONMENTAL AND ANTIPOLLUTION REGULATIONS.
   2. PROVIDE A PROFESSIONAL CLEANING SERVICE TO EXECUTE FINAL CLEANING PRIOR TO TURN-OVER.
   3. CLEAN EXPOSED EXTERIOR AND INTERIOR HARD-SURFACED FINISHED TO A DIRTY-FREE CONDITION,FREE OF STAIN, FILMS, AND SIMILAR FOREIGN SUBSTANCES.
   4. REPLACE AIR FILTERS.
   5. LEAVE PROJECT CLEAN AND READY FOR OCCUPANCY.
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. THE HARD COPY BINDER SHOULD BE RETAINED ON SITE FOR STORE MANAGER'S USE, A COPY SHOULD ALSO BE SENT TO THE CONSTRUCTION PROJECT MANAGER VIA EMAIL AS A FILE COPY.
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. **GC TO COMPLY WITH ANY DEBRIS,/TRASH SEPARATION REQUIREMENTS IN PLACE WITH LL, JURISDICTIONS, OR PROJECT REQUIREMENTS FOR CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL.**
   6. 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
   7. 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.
   8. 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.
   9. 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
A. 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 PAVING AND 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.
G. SUBGRADE MATERIAL USED: REMOVAL OF ALL ORGANIC MATERIAL. COMPACT SUB GRADE FOR SLABS ON GRADE TO 95 CRUSHED GRAVEL SUB-BASE AT ALL AREAS TO RECEIVE NEW CONCRETE. MIN. 6" OF MATERIAL. RE-COMPACTION OF 95% OPTIMUM DENSITY.
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.

03732 CONCRETE REPAIR
PART 1 - GENERAL
A. THE EXTENT OF CONCRETE REPAIR WORK INCLUDES REMAINING FLOOR AREAS AFTER DEMOLITION PROVIDING A LEVEL FLOOR THROUGHOUT TO RECEIVE FUTURE FINISHES, AFTER DEMOLITION.
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.
   9. CLEAN AREAS REMOVING ALL WASTE MATERIAL, BROOM CLEAN.

DIVISION 04000 - MASONRY
NO WORK UNDER THIS SECTION

DESIGN & CONSTRUCTION MANAGEMENT:
EssilorLuxottica
NORTH AMERICA STORE DEVELOPMENT
1 West 37th Street New York, NY 10018
+1 212.302.1200

STORE #4728
LEESBURG PREMIUM OUTLETS
241 FORT EVANS RD, NE #605
LEESBURG, VA 20176

Construction for:
sunglass hut
A Brand of EssilorLuxottica

Revisions:
Mark Date By

Architect / Engineer of Record
LINO PICINIC
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Seal

Architect / Engineer Job No.: SGH-124
EssilorLuxottica CDS Layout No.: DD-REV7
EssilorLuxottica Reference Set No.: SGH06E
EssilorLuxottica Project Number: 101057
Brand Design Type: SGH06E

ISSUED FOR:
☐ 100% PRELIM ☐ CONSTRUCTION
☐ 100% FINAL ☐ BULLETIN
☐ ADDENDUM

Sheet Name: SPECIFICATIONS 1 OF 4

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Sheet G003

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SPECIFICATIONS (2 OF 4)

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 STAMPED/SEAL 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. **"HOT WORK PERMIT" SHOULD BE PULLED AS NEEDED AND REQUIRED. HOT AND WELDING WORK, SHOULD BE EXECUTED PER LL. RULES AND REGULATIONS.**
J. FABRICATOR SHALL BE A MEMBER OF AMERICAN INSTITUTE OF STEEL CONSTRUCTION.
K. 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. TNEMEC 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.
   9. 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.
   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 AND APPROVED 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.a. LUMBER, 2 INCHES AND LESS IN THICKNESS: 19 PERCENT.
      i.b. 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.
   d. 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. ALL CERTIFICATES TO BE COPIED TO ESSILOR LUXOTTICA PROJECT MANAGER.
   e. DELIVER TREATED MATERIALS BUNDLED AND MARKED TO IDENTIFY TREATMENT.
   f. STORE TREATED MATERIALS FOR EASY IDENTIFICATION AND PROTECT FROM MOISTURE; PROVIDE WELL VENTILATED DRY STORAGE.
   g. HANDLE TREATED MATERIALS IN ACCORDANCE WITH AWPA STANDARDS. IN ADDITION TO USED IN TREATMENT, FURNISH ADDITIONAL MATERIAL FOR FIELD TREATMENT \ MATERIAL OF CUTS.
   h. 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. 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.
C. BACKBOARD TO BE PAINTED MATCH ADJACENT WALL FINISHES.

06210 MILLWORK AND FINISH CARPENTRY

PART 1 - GENERAL

A. FURNISH AND INSTALL FINISHED TRIM, CABINETRY, 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 CABINETRY 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, PROTECTION OF OWNERS COMPLETED MILLWORK SHALL BE RESPONSIBILITY OF GC.

END OF DIVISION

DIVISION 07000 - THERMAL AND MOISTURE PROTECTION

07200 INSULATION AND WATERPROOFING

PART 1 - GENERAL

A. FOR INSULATION REQUIRED AT DUCTWORK, PLUMBING LINES, ETC. SEE MEP 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. 6". (ONLY WHERE REST ROOMS ARE LOCATED ABOVE ANOTHER FLOOR.) APPLY PER MANUFACTURERS INSTRUCTIONS AND CAULK AS REQ'D. TO MATCH ADJACENT FINISHES. FOLLOW LL REQUIREMENTS IN REGARD TO WATERPROOF MEMBRANES. GC IS RESPONSIBLE TO HAVE LL INSPECT AND APPROVED ALL SUCH INSTALLATIONS.
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. REFER TO STOREFRONT ELEVATIONS, DETAIL AND DOOR SCHEDULE FOR SPECIFICATION ABOUT MATERIAL, FINISH AND HARDWARE.
      a. HARDWARE - TO INSURE SINGLE SOURCE RESPONSIBILITY, THE FOLLOWING SHALL BE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR HINGES - TOP PATCH AND BOTTOM PIVOTS CLOSERS - PUSH/PULLS - LOCKS - THRESHOLDS
      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 - CLEAR MONOLITHIC GLASS AT LEAST 1/2" CLEAR INSULATED. OR AS REQUIRED BY DRAWINGS, AND COMPLY WITH CRITERIA OF LOCAL CODE AND AUTHORITIES HAVING JURISDICTION

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

PART 2 - PREPARATION / EXECUTION

A. COORDINATE THE WORK WITH OTHER DIRECTLY AFFECTED SECTIONS INVOLVING MANUFACTURE OR FABRICATION OF INTERNAL REINFORCEMENT FOR DOOR HARDWARE AND RECESSED ITEMS.
B. VERIFY THAT DOORS AND FRAMES ARE READY TO RECEIVE WORK AND DIMENSIONS ARE AS INDICATED.
C. INSTALL HARDWARE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
D. USE TEMPLATES PROVIDED BY HARDWARE ITEM MANUFACTURER.
E. ADJUST HARDWARE FOR SMOOTH OPERATION.

08800 GLAZING

PART 1 - GENERAL

A. FURNISH AND INSTALL A COMPLETE SYSTEM OF GLASS, GLAZING CHANNELS, SEALANT, SETTING BLOCKS AND ACCESSORIES AS SHOWN AND DETAILED ON THE DRAWINGS AND RESPONSIBILITY SCHEDULE.
B. SEE PLANS AND ELEVATIONS FOR SIZE AND NUMBER OF PANES.
C. FOLLOW RECOMMENDATIONS FOR INSTALLATION CONTAINED IN THE FGMA (FLOAT GLASS MANUFACTURERS ASSOCIATION) GLAZING AND SEALANT MANUALS AS WELL AS SIGMA (SEALED INSULATED GLASS MANUFACTURE. ASSOCIATION) FOR INSULATED GLASS.
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.

DESIGN & CONSTRUCTION MANAGEMENT:

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LEESBURG PREMIUM OUTLETS
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Construction for:

sunglass hut
A Brand of EssilorLuxottica

Revisions:

Mark	Date	By
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EssilorLuxottica Project Number: 101057

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☐ 100% FINAL ☐ BULLETIN
☐ ADDENDUM

Sheet Name:

SPECIFICATIONS 2 OF 4

Date: 8/29/2025
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Checked By: STAFF

Sheet: G004

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SPECIFICATIONS (3 OF 4)

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 BACKSPLASHES.
E. REMOVE LABELS AFTER WORK IS COMPLETE.
F. CLEAN MIRRORS AND ADJACENT SURFACES.

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".

09250 GYPSUM BOARD SYSTEMS

A. LEVEL 4 GYPSUM BOARD FINISH SPECIFICATION: ALL JOINTS AND INTERIOR ANGLES SHALL HAVE TAPE EMBEDDED IN JOINT COMPOUND. AFTER WIPING JOINTS WITH A JOINT KNIFE, LEAVING A THIN LAYER OF COMPOUND OVER ALL JOINTS, ADD TWO COATS OF JOINT COMPOUND OVER ALL FLAT JOINTS. AFTER WIPING INTERIOR ANGLES WITH A JOINT KNIFE, LEAVING A THIN LAYER OF COMPOUND, ADD ONE SEPARATE COAT OF JOINT COMPOUND OVER INTERIOR ANGLES. COVER FASTENER HEADS AND ACCESSORIES WITH THREE LAYERS OF JOINT COMPOUND. MAKE SURE THE SURFACE IS SMOOTH AND FREE OF TOOL MARKS. NOTE: IT IS RECOMMENDED THAT THE PREPARED SURFACE BE COATED WITH A DRYWALL PRIMER PRIOR TO THE APPLICATION OF FINISH PAINT.
B. LEVEL 5 GYPSUM BOARD FINISH SPECIFICATION: 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, RECOMMENDATIONS, AND IN COMPLY WITH ALL LOCAL CODES REQUIREMENTS .
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 WITH VERTICAL BUTT JOINT AND 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. NO "CRIMP ON" METHOD TO ATTACHED CORNER BEADS SHALL BE USED.
   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.
   1. 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.
   2. 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: 916-388-9933, EMAIL ADDRESS; SALES@INTERFORMS.COM (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.
C. BASE, SADDLES, AND ACCESSORIES FROM MANUFACTURE (S) IN THE STYLES, COLORS, SIZES, AND THICKNESS SPECIFIED ON THE DRAWINGS.

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 WITH THE STARTING POINT AS INDICATED ON "FINISH PLAN AND SCHEDULE" PAGE, WITH EVEN JOINT ON ALL FLOOR AND WALL SURFACES.
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 NEWLY TILED AREAS WITH GROUT AS REQUIRED FOR SEVEN DAYS, PER MANUFACTURER.
I. INSTALL TILES USING THINSET METHOD WITH 1/8" 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 INSTALL VINYL RESILIENT TILES, AS SHOWN AND SPECIFIED ON THE DRAWINGS.
B. INSTALL 4" HIGH X 1/8" THICK, TOP SET, COVED VINYL BASE, AT WALLS 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.
D. ALL VINYL FLOORING SHALL BE SCRUBBED AND SEALED BY G.C. PRIOR TO TURNOVER.

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 TINT PRIMER TO APPROXIMATE SHADE OF THE FINAL COAT. PRIMER AND FIRST COAT TO HAPPEN BEFORE FIXTURE INSTALLATION, SECOND COAT TO HAPPEN AFTER FIXTURE INSTALLATION. 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.
L. GENERAL CONTRACTOR TO HAVE ONE (1) PAINTER PRESENT AT THE TIME OF THE PUNCH LIST TO PERFORM IMMEDIATE TOUCH-UPS/REPAIRS AS NEEDED

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.
B. ALL EXTINGUISHERS ARE TO BE FURNISHED WITH CURRENT TAGS, INDICATING DATE(S) OF INSTALLATION.

PART 2 - PREPARATION / EXECUTION

A. INSTALL MOUNTING BRACKETS AT HEIGHTS TO COMPLY WITH APPLICABLE REGULATIONS OF GOVERNING AUTHORITIES.
B. SECURE MOUNTING BRACKETS TO STRUCTURE, SQUARE AND PLUMB, TO COMPLY WITH MANUFACTURER'S INSTRUCTIONS.

10800 TOILET ROOM ACCESSORIES

PART 1 - GENERAL

A. GENERAL CONTRACTOR 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.

11110 MISCELLANEOUS

PART 1 - GENERAL

A. GENERAL CONTRACTOR TO INSTALL FULL HEIGHT, WHITE CORNER GUARDS WITH WHITE ADHESIVE, UNLESS OTHERWISE SPECIFIED, WHERE INDICATED ON DRAWINGS.

END OF DIVISION

DIVISION 15000A - PLUMBING - SEE PLUMBING DRAWINGS

PART 1 - GENERAL

A. GENERAL CONDITIONS, CODES & STANDARDS
   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.
B. SCOPE OF WORK
   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:
      a. VERIFY THE EXISTING CONDITIONS AND COMPENSATE FOR ANY VARIATIONS IN THE SCOPE AS A RESULT.
      b. 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.
      c. AS PART OF THE BIDDING PROCESS, REPORT TO THE TENANT ANY ERRORS OR UNCLEAR DIRECTIONS THAT YOU HAVE IDENTIFIED.
C. DOCUMENTS
   1. SUBSTITUTIONS
      a 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.

DESIGN & CONSTRUCTION MANAGEMENT:

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A Brand of EssilorLuxottica

Revisions:

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SPECIFICATIONS 3 OF 4

Date: 8/29/2025
Drawn By: STAFF
Checked By: STAFF

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SPECIFICATIONS (4 OF 4)

D. CONSTRUCTION COORDINATION
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.

PART 2 - MATERIALS

A. GENERAL
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).
   a. DOMESTIC HOT AND COLD WATER PIPING UP TO 3/4 INCH DIAMETER - 1/2 INCH THICK.
   b. FITTINGS AND VALVES SHALL BE INSULATED WITH PRE-MOLDED FIBERGLASS FITTINGS AND COVERED WITH A PRE-FORMED PVC FITTING COVER.

PART 3 - EXECUTION

A. GENERAL
1. THE ENTIRE PLUMBING INSTALLATION, MATERIALS, EQUIPMENT, ETC. SHALL CONFORM TO THE REQUIREMENTS OF THE LOCALLY ENFORCED CODES AND STANDARDS.
   a. 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

DIVISION 15000B - MECHANICAL - SEE HVAC DRAWINGS

GENERAL PROVISIONS

A. GENERAL CONDITIONS, CODES & STANDARDS
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.

B. SCOPE OF WORK
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:
   a. VERIFY THE EXISTING CONDITIONS AND COMPENSATE FOR ANY VARIATIONS IN THE SCOPE AS A RESULT.
   b. 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.
   c. AS PART OF THE BIDDING PROCESS, REPORT TO THE TENANT ANY ERRORS OR UNCLEAR DIRECTIONS THAT YOU HAVE IDENTIFIED.

C. DOCUMENTS
1. SUBSTITUTIONS
   a. 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.

D. CONSTRUCTION COORDINATION
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.

INSULATION

A. GENERAL
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

B. AIR DISTRIBUTION
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".

C. TESTING AND BALANCING
1. 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.

DIVISION 16000 - ELECTRICAL - SEE ELECTRICAL DRAWINGS

PART I - GENERAL

A. GENERAL CONDITIONS, CODES & STANDARDS
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.

B. SCOPE OF WORK
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:
   a. VERIFY THE EXISTING CONDITIONS AND COMPENSATE FOR ANY VARIATIONS IN THE SCOPE AS A RESULT.
   b. 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.

C. DOCUMENTS
1. SUBSTITUTIONS
   a. 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.

D. CONSTRUCTION COORDINATION
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.

PART 2 - PRODUCTS

A. WIRING DEVICES
1. DUPLEX RECEPTACLES SHALL BE GROUNDING TYPE, NEMA 5-20R, RATED FOR 20 AMPS, 125 VOLTS, WITH PROVISIONS FOR BACK AND SIDE WIRING.
   a. SPECIFICATION GRADE DUPLEX RECEPTACLE SHALL BE HUBBELL #5362 SERIES OR APPROVED EQUAL, HEAVY DUTY, WHITE.
   b. 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.
   a. SINGLE POLE SWITCHES SHALL BE LEVITON #1221 SERIES OR APPROVED EQUAL, SILENT ACTUATING, 20-AMP, 120/277V, WHITE.
   b. 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 & TELEPHONE SHALL BE LEVITON OR APPROVED EQUAL, WHITE, PLASTIC.
7. 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).
8. 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.
9. LOAD CENTERS SHALL BE AS MANUFACTURED BY SQUARE D, GENERAL ELECTRIC, ITE/SIEMENS AND WESTINGHOUSE/CUTLER HAMMER.

B. FIXTURES AND LAMPS
1. ALL FIXTURES AND LAMPS ARE FURNISHED BY TENANT, INSTALLED BY ELECTRICAL CONTRACTOR.

PART 3 - EXECUTION

A. GENERAL MISCELLANEOUS
1. ALL CONDUIT RUN IN FINISHED AREAS SHALL BE CONCEALED. 2.
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.

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LEESBURG, VA 20176

Construction for:
sunglass hut
A Brand of EssilorLuxottica

Revisions:

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EssilorLuxottica CDS Layout No.:
DD-REV7

EssilorLuxottica Reference Set No.:
SGH06E

EssilorLuxottica Project Number: 101057

Brand Design Type:
SGH06E

ISSUED FOR:
☐ 100% PRELIM ☐ CONSTRUCTION
☐ 100% FINAL ☐ BULLETIN
☐ ADDENDUM

Sheet Name:
SPECIFICATIONS 4 OF 4

Date: 8/29/2025
Drawn By: STAFF
Checked By: STAFF
Sheet: G006

LEFT HAND (LH) DOOR

- HINGES LOCATED ON THE LEFT WHEN STANDING OUTSIDE THE ROOM
- INSIDE LEVER POINTED RIGHT, TO HINGES

RIGHT HAND (RH) DOOR

- HINGES LOCATED ON THE RIGHT WHEN STANDING OUTSIDE THE ROOM
- INSIDE LEVER POINTED LEFT, TO HINGES

LEFT HAND REVERSE (LHR) DOOR

RIGHT HAND REVERSE (RHR) DOOR

1 DOOR SCHEDULE

RM #	LOCATION	DOOR TYPE				JAMB/HEADER			HARDWARE						REMARKS
		DOOR TYPE #	MATERIAL	FINISH	SIZE WIDTH x HEIGHT x THICK	TYPE	MAT'L	FINISH	LEVERSET	HARD WARE	DOOR STOP	HAND	RATING	CUSTOM	
101	EXISTING EXTERIOR ALUM FRAMED GLASS ENTRY DOORS	182	ALUM / GLASS	N/A	EXISTING TO REMAIN	-	ALUMINUM	EXISTING	EXISTING	C	-	-	-	-	INSPECT DOOR AND DOOR HARDWARE CONDITIONS PROVIDE RECOMMENDATION FOR REPLACEMENT TO THE CONSTRUCTION PM. ALL DOOR HARDWARE ARE TO BE REPLACE LIKE FOR LIKE. REFER TO DOOR HARDWARE FOR SUGGESTED HARDWARE TYPE FOR REPLACEMENT. SEE STOREFRONT ELEVATION FOR NEW FINISH REQUIREMENTS
102	CUSTOM / PRE-HUNG STOCKROOM DOOR	403	SOLID WD DOOR	WOOD & PAINTED	3'-0" x 8'-0" x 2¼"	B	WOOD CASEMENT	SEE INTERIOR ELEVS.	PASSAGE	-	FS	LHR	-	-	DOOR, DOOR CASEMENT AND HARDWARE PROVIDED BY G.C. BOISIER FINSH APPLIED ON TOP OF DOOR SUPPLIED BY TWM, G.C. TO INSTALL BOISIER FINISH
103	RESTROOM DOOR	401	SOLID WD DOOR	PAINTED	3'-0" x 7'-0" x 1¾"	A	HOLLOW METAL	SEE INTERIOR ELEVS.	PRIVACY	E	WS	RHR	-	-	

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LEVERSETS

CLASSROOM HANDLE: LAWRENCE -8705-119 LOGAN

PRIVACY HANDLE: LAWRENCE -8722-119 LOGAN

PASSAGE HANDLE: LAWRENCE -8710-119 LOGAN

LEVERSETS: RB-G007a-REV01

DOOR STOPS

FS: IVES-FS436-438 - US26D (FLR MTD)
WS: IVES-WS406-407 - CCV - US26D (WALL MTD)
HS: GRAINGER-1XNK6 - CHROME

DOOR STOPS: RB-G007a-REV02

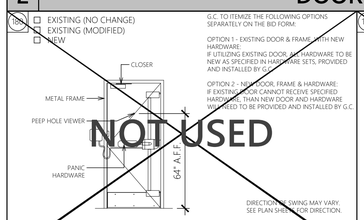
2 DOOR TYPES

182
- ☐ EXISTING (NO CHANGE)
- ☐ EXISTING (MODIFIED)
- ☐ NEW

G.C. TO ITEMIZE THE FOLLOWING OPTIONS SEPARATELY ON THE BID FORM:

OPTION 1 - EXIST DOOR & FRAME, WITH NEW HARDWARE
IF UTILIZING EXISTING DOOR, ALL HARDWARE TO BE NEW AS SPECIFIED IN HARDWARE SETS, PROVIDED AND INSTALLED BY G.C.

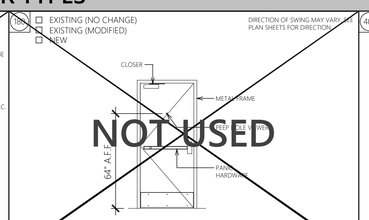
OPTION 2 - NEW DOOR, FRAME & HARDWARE:
IF EXISTING DOOR CANNOT RECEIVE SPECIFIED HARDWARE, THAN NEW DOOR AND HARDWARE WILL NEED TO BE PROVIDED AND INSTALLED BY G.C.



NOT USED

182
- ☐ EXISTING (NO CHANGE)
- ☐ EXISTING (MODIFIED)
- ☐ NEW

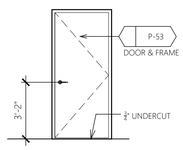
DIRECTION OF SWING MAY VARY. SEE PLAN SHEETS FOR DIRECTION.



NOT USED

401
- ☐ EXISTING (NO CHANGE)
- ☐ EXISTING (MODIFIED)
- ■ NEW

DIRECTION OF SWING MAY VARY. SEE PLAN SHEETS FOR DIRECTION.



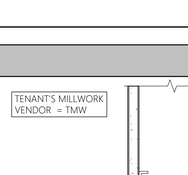
NOT USED

181
- ■ EXISTING (NO CHANGE)
- ☐ EXISTING (MODIFIED)
- ☐ NEW

G.C. TO ITEMIZE THE FOLLOWING OPTIONS SEPARATELY ON THE BID FORM:

OPTION 1 - EXIST DOOR & FRAME, WITH NEW HARDWARE
IF UTILIZING EXISTING DOOR, ALL HARDWARE TO BE NEW AS SPECIFIED IN HARDWARE SETS, PROVIDED AND INSTALLED BY G.C.

OPTION 2 - NEW DOOR, FRAME & HARDWARE:
IF EXISTING DOOR CANNOT RECEIVE SPECIFIED HARDWARE, THAN NEW DOOR AND HARDWARE WILL NEED TO BE PROVIDED AND INSTALLED BY G.C.



182
- ☐ EXISTING (NO CHANGE)
- ☐ EXISTING (MODIFIED)
- ☐ NEW

G.C. TO ITEMIZE THE FOLLOWING OPTIONS SEPARATELY ON THE BID FORM:

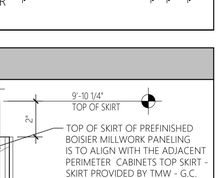
OPTION 1 - EXIST DOOR & FRAME, WITH NEW HARDWARE
IF UTILIZING EXISTING DOOR, ALL HARDWARE TO BE NEW AS SPECIFIED IN HARDWARE SETS, PROVIDED AND INSTALLED BY G.C.

OPTION 2 - NEW DOOR, FRAME & HARDWARE:
IF EXISTING DOOR CANNOT RECEIVE SPECIFIED HARDWARE, THAN NEW DOOR AND HARDWARE WILL NEED TO BE PROVIDED AND INSTALLED BY G.C.

NOT USED

403
- ☐ EXISTING (NO CHANGE)
- ☐ EXISTING (MODIFIED)
- ■ NEW - WOOD DOOR AND WOOD DOOR CASEMENT FRAME PROVIDED BY G.C. BOISIER FINISHED SUPPLIED BY TWM AND INSTALLED BY G.C.

DIRECTION OF SWING MAY VARY. SEE PLAN SHEETS FOR DIRECTION.



BOISIER CUSTOM DOOR

3 HARDWARE

HARDWARE SET 'A' (EGRESS / DELIVERY - EXTERNAL)

- HINGES - FOR EXTERIOR DOOR CONDITIONS DOOR MFG BUTT HINGES , STAINLESS STEEL, 5 KNUCKLES, 4 1/2" X 4", NON-REMOVABLE PIN HINGES
- THRESHOLD - PEMKO MFG. CO. #175A / ALUMINUM, ALLOY 6063-76 FOR EXTERIOR DOOR CONDITIONS
- PANIC / ALARM SEC. DEVICE - TRIDENT MODEL TEL-210. USED AT DOORS OPENING TO EXTERNAL BUILDING AREAS. VERIFY MODEL # IS COMPATIBLE WITH PROJECT CONDITION PRIOR TO ORDERING
- INTERIOR LOCK CORES - BEST ACCESS SYSTEMS 9K SERIES CONSTRUCTION CORE PROVIDED AT PUNCH. GENERAL LOCK, DOOR HOCKBOLT, AHB118 AL/DU
- DOOR CLOSERS - 4400 SERIES YALE COMMERCIAL; STAINLESS STEEL, MODEL 4606
- DOOR KICK - STANLEY DOOR SYSTEM TOOL WIDTH X HGTH X THK, STAINLESS STEEL, INSTALLED 1" FROM BOTTOM OF DOOR ON PUSH SIDE EXTERIOR DOOR CONDITIONS

REMARKS:
- SEE PLAN FOR DIRECTION OF SWING.
- STORE ID, SPACE, BUILDING ADDRESS NUMBERS; 2" H, BLACK VINYL @ 5'-6" AFF.
- PEEP HOLE SCHLAGE WIDE ANGLE DOOR VIEWER #SC698 B 619 SATIN NICKEL
- DOOR BELL WITH SALES AREA BUZZER LOCATED AT CASHWRAP & ABOVE MANAGER'S DESK
- WEATHER STRIPPING NATIONAL GUARD PRODUCTS INC. #162 DKB AT HEAD & JAMB #15 DKBN OR APPROVED EQ. AT BOTTOM FOR EXTERIOR DOOR CONDITIONS.

NOT USED

HARDWARE SET 'B' (EGRESS / DELIVERY - INTERNAL)

- HINGES - FOR EXTERIOR DOOR CONDITIONS DOOR MFG BUTT HINGES , STAINLESS STEEL, 5 KNUCKLE, 4 1/2" X 4", NON-REMOVABLE PIN HINGES
- THRESHOLD - PEMKO MFG. CO. #175A / ALUMINUM, ALLOY 6063-76 FOR EXTERIOR DOOR CONDITIONS
- PANIC / ALARM SEC. DEVICE - DETEX V40EB. USED AT DOORS OPENING TO INTERNAL BUILDING AREAS. VERIFY MODEL # IS COMPATIBLE WITH PROJECT CONDITION PRIOR TO ORDERING.
- INTERIOR LOCK CORES - BEST ACCESS SYSTEMS 9K SERIES CONSTRUCTION CORE PROVIDED AT PUNCH. GENERAL LOCK, DOOR HOCKBOLT, AHB118 AL/DU
- DOOR CLOSERS - 4400 SERIES YALE COMMERCIAL; STAINLESS STEEL, MODEL 4606
- DOOR KICK - STANLEY DOOR SYSTEM TOOL WIDTH X HGTH X THK, STAINLESS STEEL, INSTALLED 1" FROM BOTTOM OF DOOR ON PUSH SIDE EXTERIOR DOOR CONDITIONS

REMARKS:
- SEE PLAN FOR DIRECTION OF SWING.
- STORE ID, SPACE, BUILDING ADDRESS NUMBERS; 2" H, BLACK VINYL @ 5'-6" AFF.
- PEEP HOLE SCHLAGE WIDE ANGLE DOOR VIEWER #SC698 B 619 SATIN NICKEL
- DOOR BELL WITH SALES AREA BUZZER LOCATED AT CASHWRAP & ABOVE MANAGER'S DESK
- WEATHER STRIPPING NATIONAL GUARD PRODUCTS INC. #162 DKB AT HEAD & JAMB #15 DKBN OR APPROVED EQ. AT BOTTOM FOR EXTERIOR DOOR CONDITIONS.

NOT USED

HARDWARE SET 'C' - EXTERIOR STOREFRONT ENTRY DOORS

- G.C. SHALL INSPECT EXISTING DOOR FRAME, GLASS, DOOR HARDWARE, WEATHER STRIPPING, DOOR CLOSERS, & THE FUNCTION OF DOORS. G.C. TO PROVIDE REPORT TO THE CONSTRUCTION PM OF ITEMS NEEDING REPAIRED, REPLACED OR ADJUSTMENT. G.C. SHALL MAINTENANCE THE DOOR AND DOOR HARDWARE TO FUNCTION PROPERLY.
- DOOR FRAME: EXISTING TO REMAIN;
- THRESHOLD: EXISTING TO REMAIN; REPLACE WITH EQUAL OR SIMILAR TO PEMKO MFG. CO. #175A / ALUMINUM, ALLOY 6063-76
- LATCH DEVICE: EXISTING TO REMAIN. REPLACE WITH EQUAL OR SIMILAR TO WITH GENERAL LOCK; DOOR HOCKBOLT; AHB118 AL/DU
- CYLINDER LOCK: REPLACE EXISTING CYLINDER CORES WITH NEW. EXTERIOR LOCK CORES INSTA-KEY
- HANDLES: EXISTING TO REMAIN; INSPECT HANDLES AND EMERGENCY EXIT PUSH BAR; VERIFY HANDLES AND PUSH BAR ARE IN GOOD WORKING ORDER;
- DOOR CLOSERS: EXISTING TO REMAIN;.

REMARKS
- ALL FRAMES, HANDLES, HINGES, ETC. TO MATCH EXISTING FINISHES
- STORE ID, SPACE, BUILDING ADDRESS NUMBERS PER CRITERIA
- WEATHER STRIPPING NATIONAL GUARD PRODUCTS INC. #162 DKB AT HEAD & JAMB #15 DKBN OR APPROVED EQ. AT BOTTOM FOR EXTERIOR DOOR CONDITIONS.

HARDWARE SET 'D' (DOOR 182) - INTERIOR STOREFRONT DOOR

- EXISTING 1/2" TEMPERED GLASS DOORS
- BOTTOM DOOR RAIL W/ LOCK: EXISTING 6" HIGH BOTTOM RAIL WITH CYLINDER LOCK AND THUMB-TURN (INTERIOR SIDE). NATURAL ALUM. BOTTOM RAIL AND CYLINDER LOCK AND THUMB-TURN AND CYLINDER RINGS TO REMAIN. INSPECT HARDWARE AND MAINTENANCE AS REQUIRED TO WORK PROPERLY.
- EXISTING BOTTOM PIVOT: TO REMAIN; INSPECT HARDWARE AND MAINTENANCE AS REQUIRED TO WORK PROPERLY.
- EXISTING TOP CONCEALED PIVOT: TO REMAIN; INSPECT AND MAINTENANCE AS REQUIRED TO WORK PROPERLY.
- EXISTING DUST PROOF STRIKE: REPLACE WITH NEW. C.R. LAURENCE BRUSHED NICKEL DUST PROOF KEEPER LOCKING OPTION. ITEM #: AMR209BN
- EXISTING ENTRY DOOR PULLS: TO REMAIN; INSPECT AND MAINTENANCE AS REQUIRED TO WORK PROPERLY

IF HARDWARE IS UNABLE TO BE MAINTENANCE OR REPAIRED; REPLACE WITH SAME MFG AND EQUAL OR BETTER HARDWARE.

NOT USED

HARDWARE SET 'E' (DOOR 401) - RESTROOM

- DOOR MATERIAL - 1-3/4" STAIN GRADE SOLID CORE - UNFINISHED ROTARY NATURAL BIRCH
- FRAME MATERIAL - HOLLOW METAL / KD DRYWALL FRAME (OR EQUAL)
- HINGES - (3) IVES 5BB1 - 4.5" x 4.5" BALL BEARING HINGE - STAINLESS STEEL
- LEVER SET: SCHLAGE L SERIES, PRIVACY SET; LEVER: RHODES; FINISH SATIN CHROME 626AM,
- CLOSURE - DOOR CLOSER 4400 SERIES YALE COMMERCIAL; STAINLESS STEEL

REMARKS
- SEE PLAN FOR DIRECTION OF SWING.
- SEE DOOR HARDWARE DETAIL ON SHEET G002

HARDWARE SET 'F' (DOOR 402) - STOCKROOM DOOR

- DOOR: 2¼" SOLID CORE WOOD FLUSH DOOR, UNFINISHED ROTARY NATURAL BIRCH; EZDOR FLUSH
- DOOR HARDWOOD CASE FRAME PROVIDED BY G.C.
- HINGES: (2.5) PAIRS OF HEAVY DUTY CONCEALED HINGES, ROCYORK #RYST120, STAIN CHROME
- LEVER SET: SCHLAGE L SERIES, PASSAGE SET; LEVER: RHODES; FINISH SATIN BRONZE 612
- DOOR CLOSER: LCN 4040XP-3077 SCNS; MOUNTED ON PUSH SIDE; OR EQUAL. G.C. TO ADJUST CLOSER ARM FOR THICKNESS OF DOOR AND FRAME.

REMARKS
- G.C. TO PURCHASE DOOR HINGES THROUGH EZCONCEPT, PHONE: 888-399-5262
- DOOR LEVERSET AND CLOSER PURCHASE SEPARATELY BY G.C.
- REFER TO CONSTRUCTION PLAN FOR DIRECTION OF SWING.
- SEE DOOR HARDWARE DETAIL ON SHEET G002

3-RB-G007a-REV02

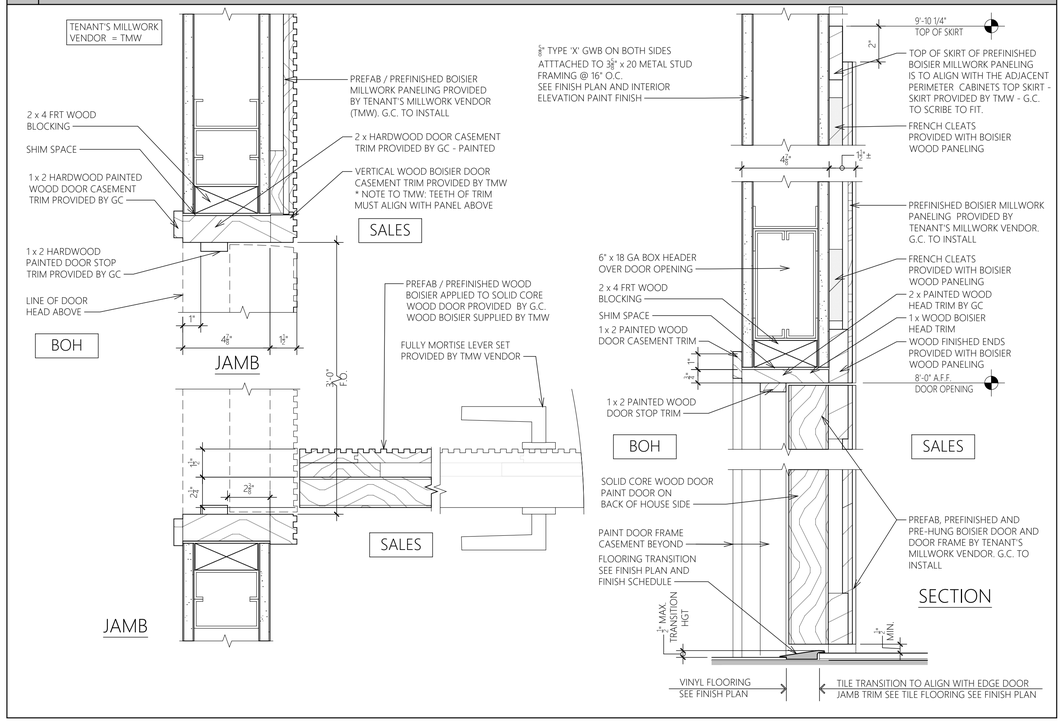
4 DOOR COMPLIANCES

1. DOORS: GENERAL SHALL MEET THE REQUIREMENTS OF THE BUILDING CODE & CURRENT EDITION OF THE LIFE SAFETY CODE.
2. REGARDLESS OF THE OCCUPANT LOAD SERVED, EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT ANY SPECIAL KNOWLEDGE OR EFFORT, MANUALLY OPERATED EDGE OR SURFACE MOUNTED FLUSH BOLTS AND SURFACE BOLTS OR ANY OTHER TYPE OF DEVICE THAT MAY BE USED TO CLOSE OR RESTRAIN THE DOOR OTHER THAN BY OPERATION OF THE LOCKING DEVICE SHALL NOT BE USED. WHERE EXIT DOORS ARE USED IN PAIRS AND APPROVED AUTOMATIC FLUSH BOLTS ARE USED THE DOOR LEAF HAVING AND AUTOMATIC FLUSH BOLTS SHALL HAVE NO DOOR KNOB OR SURFACE MOUNTED HARDWARE. THE UNLATCHING OF ANY LEAF SHALL NOT REQUIRED MORE THAN ONE OPERATION.
3. DOOR HARDWARE. HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES ON ACCESSIBLE DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRED TIGHT GRASPING, TIGHT PINCHING OR TWISTING OF THE WRIST TO OPERATE LEVER-OPERATED MECHANISMS, PUSH-TYPE MECHANISMS, AND U-SHAPED HANDLES ARE ACCEPTABLE DESIGNS. WHEN SLIDING DOORS ARE FULLY OPEN, OPERATING HARDWARE SHALL BE EXPOSED AND USABLE FROM BOTH SIDES. HARDWARE REQUIRED FOR ACCESSIBLE DOOR PASSAGE SHALL BE MOUNTED NO HIGHER THAN 48" (1220 MM) ABOVE FINISHES FLOOR.
4. CLEAR WIDTH. DOOR WAYS SHALL HAVE A MINIMUM CLEAR OPENING OF 32 IN. (815 MM) WITH THE DOOR OPEN 90 DEGREES, MEASURED BETWEEN THE FACE OF THE DOOR AND THE OPPOSITE STOP.
5. MANEUVERING CLEARANCES AT DOORS. FLOOR WITHIN THE REQUIRED CLEARANCES SHALL BE LEVEL AND CLEAR.
6. THRESHOLDS AT DOORWAYS. THRESHOLDS AT DOORWAYS SHALL NOT EXCEED 3/4 IN. (19 MM) IN HEIGHT FOR EXTERIOR SLIDING DOORS OR 1/2 IN. (13MM) FOR OTHER TYPES OF DOORS. RAISED THRESHOLDS AND FLOOR LEVEL CHANGES AT ACCESSIBLE DOORWAYS SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2.
7. DOOR CLOSURES, IF A DOOR HAS A CLOSER, THEN THE SWEEP PERIOD OF THE CLOSER SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 70 DEGREES, THE DOOR WILL TAKE AT LEAST 3 SECONDS TO MOVE TO A POINT 3 IN. (75 MM) FROM THE LATCH, MEASURED TO THE LEADING EDGE OF THE DOOR.
8. DOOR OPENING FORCES. THE MAXIMUM FORCE FOR PUSHING OR PULLING OPEN A DOOR SHALL BE AS FOLLOWS:
   - A. FIRE DOORS SHALL HAVE THE MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY.
   - B. OTHER DOORS.
     1. EXTERIOR HINGED DOORS: (RESERVED).
     2. INTERIOR HINGED DOORS: 5 LBF (22.2N).
     3. SLIDING OR FOLDING DOORS: 5 LBF (22.2N).

   THESE FORCES DO NOT APPLY TO THE FORCE REQUIRED TO RETRACT LATCH BOLTS OR DISENGAGE OTHER DEVICES THAT MAY HOLD THE DOOR IN A CLOSED POSITION.

COMPLIANCE NOTE-RB-G007b-REV02

B BOISIER JAMB & HEAD DETAIL



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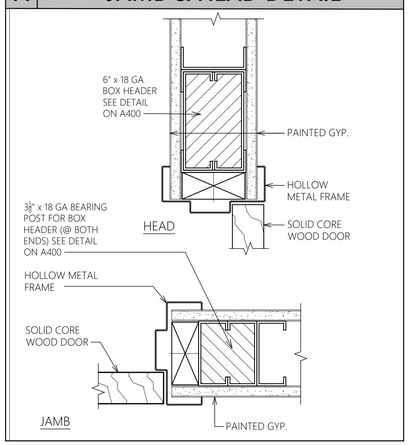

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Construction for:

sunglass hut
A Brand of EssilorLuxottica

Revisions:

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EssilorLuxottica CDS Layout No.: **DD-REV7**

EssilorLuxottica Reference Set No.: **SGH06E**

EssilorLuxottica Project Number: 101057

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☐ ADDENDUM

Sheet Name: DOOR AND HARDWARE SCHEDULE

Date: 8/29/2025
Drawn By: STAFF
Checked By: STAFF

Sheet: G007

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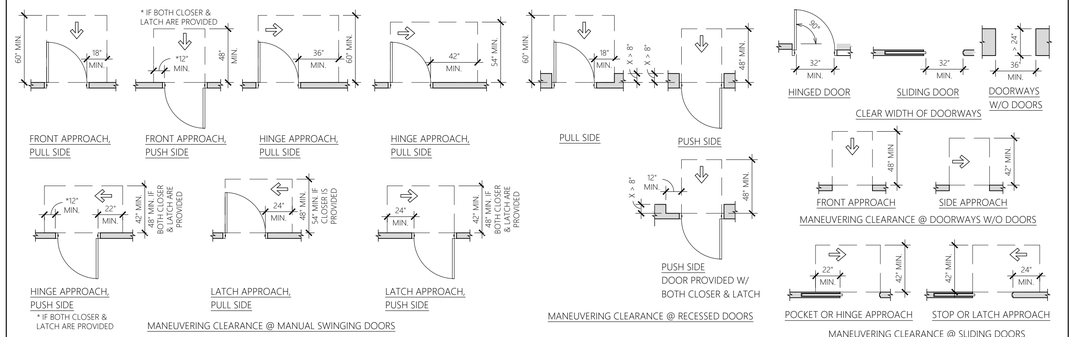
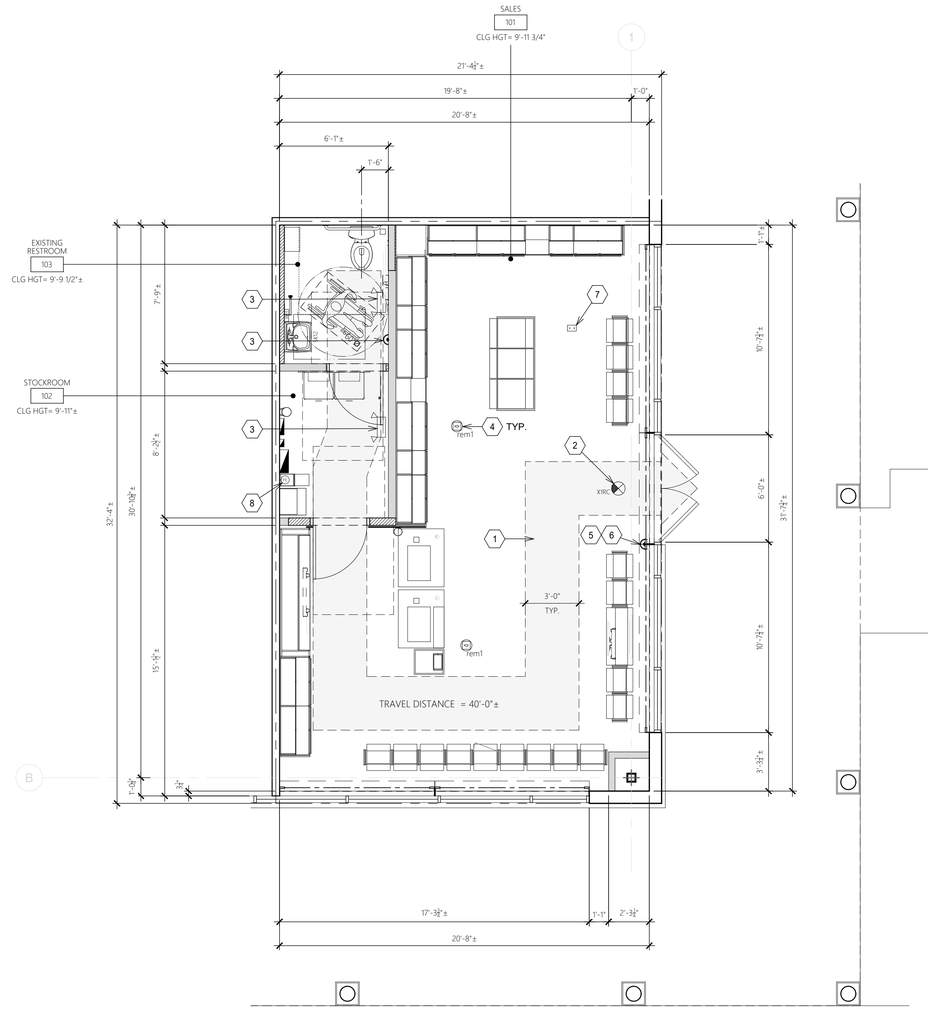
ACCESSIBILITY MANEUVERING CLEARANCES

*SEE SHEET G002 FOR GENERAL ACCESSIBILITY INFORMATION





LIFE SAFETY PLAN

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

N

SYMBOL KEY

SYMBOL	DESCRIPTION
WALL CEILING	LOCATION OF WALL-MOUNTED CEILING-MOUNTED AUDIBLE/VISUAL FIRE ALARM
rem1	EMERGENCY RECESSED LIGHT FIXTURES ON 90 MINUTE BATTERY BACK-UP SEE ELECTRICAL LIGHTING SCHEDULE
X1RC	EDGE LIT LED EXIT SIGN (CEILING MOUNT FIXTURE)
48"	NEW LOCATION FOR ALARM PULL
	CEILING MOUNTED AUDIBLE/VISUAL FIRE ALARM
A2-EM	NEW 2X2 LED LIGHT FIXTURE ON EMERGENCY BATTERY BACK-UP SEE ELECTRICAL LIGHTING SCHEDULE
	EXISTING EXIT SIGN TO REMAIN, RELAMP, AND REPLACE BATTERY BACKUP.
	EMERGENCY LIGHT WITH BATTERY BACK-UP

PORTABLE FIRE EXTINGUISHERS

CONTRACTOR SHALL COORDINATE AND PROVIDE THE NUMBER OF FIRE EXTINGUISHER AND LOCATIONS AS DIRECTED BY LOCAL AUTHORITIES. LOCATION SHOWN THE PLANS IS SUBJECTED CHANGE.

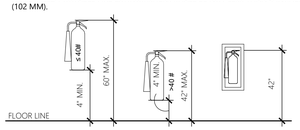
[F] TABLE 906.3(1) FIRE EXTINGUISHERS FOR CLASS A FIRE HAZARDS.
MINIMUM RATED SINGLE FIRE EXTINGUISHER - SEE TABLE
MAXIMUM FLOOR AREAS - SEE TABLE
MAXIMUM DISTANCE OF TRAVEL TO EXTINGUISHER = 75'-0"

[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] 906.9.1EXTINGUISHERS 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).



ACCESSIBILITY AND LIFE SAFETY:

1. EVERY EXIT DOOR SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, TOOL, OR SPECIAL KNOWLEDGE OR EFFORT. SPECIAL LOCKING DEVICES SHALL BE OF AN APPROVED TYPE.
2. EXIT DOORS (INCLUDING EXISTING DOORS) SHALL NOT BE LESS THAN 36" IN WIDTH AND NOT LESS THAN 6'-8" IN HEIGHT. PROJECTIONS INCLUDING PANIC HARDWARE, SHALL NOT REDUCE THE OPENINGS TO LESS THAN 32" IN CLEAR WIDTH.
3. HEIGHT OF THRESHOLDS AT EXIT DOORS SHALL BE 1/2" MAXIMUM.
4. CARPET PILE HEIGHT SHALL BE 1/2" MAXIMUM.
5. AISLES LEADING TO REQUIRED EXITS SHALL HAVE A MINIMUM WIDTH OF 36".
6. GLASS DOORS, ADJACENT PANELS, AND ALL GLAZED OPENINGS WITHIN 24" OF ADJACENT FLOORS SHALL BE TEMPERED GLASS.
7. PROVIDE EXIT SIGNS AND DIRECTIONAL EXIT SIGNS AT LOCATIONS SHOWN ON THE FLOOR PLAN. EXIT SIGNS SHALL HAVE A MAXIMUM 6" HIGH BY 3/4" STROKE BLOCK LETTERS ON A CONTRASTING BACKGROUND.
8. EXIT SIGNS SHALL BE INTERNALLY ILLUMINATED BY TWO ELECTRIC LAMPS OR SHALL-BE OF APPROVED SELF-LUMINOUS TYPE. IF TWO LAMPS ARE USED, POWER SUPPLY TO ONE OF THE LAMPS SHALL BE PROVIDED BY THE PREMISES WIRING SYSTEM. POWER SUPPLY TO THE OTHER LAMP SHALL BE FROM STORAGE BATTERIES. THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE.
9. EMERGENCY LIGHTING SHALL BE PROVIDED FROM AN EMERGENCY POWER SYSTEM AND SHALL PROVIDE A VALUE OF ONE FOOT CANDLE AT FLOOR LEVEL.
10. ALL DOORS TO BE OPERABLE IN THE DIRECTION OF EGRESS TRAVEL AT ALL TIMES.

LIFE SAFETY PLAN KEY NOTES

1. HATCHING INDICATES 36" WIDE EGRESS PATH.
2. EXIT SIGN
3. WALL MOUNTED EMERGENCY BATTERY BACK-UP LIGHT
4. CEILING MOUNTED EMERGENCY LIGHT FIXTURE
5. AUDIO/VISUAL FIRE ALARM DEVICE.
6. FIRE ALARM PULL DEVICE.
7. CEILING MOUNTED SMOKE DETECTOR TESTER
8. SURFACE MOUNTED FIRE EXTINGUISHER.

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EssilorLuxottica CDS Layout No.:
DD-REV7

EssilorLuxottica Reference Set No.:
SGH06E

EssilorLuxottica Project Number 101057

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☐ ADDENDUM

Sheet Name:
LIFE SAFETY PLAN

Date: 8/29/2025
Drawn By: STAFF
Checked By: STAFF

Sheet: G008

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2 SGH06 - ACCESSORY SCHEDULE

CODE	ITEM	DESCRIPTION	ROOM	REMARKS	SUPPLIED	RECEIVED	INSTALLED
SGH06-HOOK	COAT HOOK ROUND WALL-MOUNTED HOOKS	VENDOR: NA ARTICLE #: 3042090; VENDOR PART #: 3524806 FINISH: MATTE STAINLESS STEEL	BOH/BREAK AREA (4) RESTROOM (2)	• INSTALL @ 48" A.F.F. & @ 72" A.F.F. • ROUND HOOK ONLY (INSTALL WITHOUT PROVIDED BACKPLATE) • GC TO PROVIDE AND INSTALL IN-WALL BLOCKING	T	GC	GC
SGH06-CAB	STORAGE CABINET	MANUFACTURER: ULINE ARTICLE #: 1015541 MODEL #: H-1105 FINISH: BLACK	AS SHOWN ON FIXTURE PLAN IF APPLICABLE	• SIZE: 36"Wx18"Dx72"H	T	GC	GC
SGH06-SAFE	SAFE	MANUFACTURER: SENTRY ARTICLE #: 3041182 MODEL #: UC-039K	ONE PER STORE	• GC TO BOLT SAFE TO FLOOR • SIZE: 8"Wx10⅜"Dx12"H	T	GC	GC
SGH06-BRTAB	TABLE	MANUFACTURER: SIT ON IT MODEL #: TENSOR TABLE - TOP (3231 TBT9 TS3636 GR1 TL19) BASE - 3232 TBT9 TS3636 GF03 TH00 LS18 FINISH: TOP-BLACK, BASE-BLACK	AS SHOWN ON FIXTURE PLAN IF APPLICABLE	• SIZE: 36"Wx36"Lx29"H	GC	GC	GC
FL-00220-00	WOODEN CHAIR WITH STEEL SLED BASE	MANUFACTURER: TRUE MODEL #: MARINA-MA1005 FINISH: UPHOLSTERY - VALENCIA 107-5062 PETROL STRUCTURE: METAL PAINTED BLACK, WOOD PAINTED BLACK	AS SHOWN ON FIXTURE PLAN IF APPLICABLE	• SIZE: 36"Wx36"Lx29"H	T	GC	GC
SGH06-TRASH1	FREE-STANDING TRASH CAN	VENDOR: ABCO ARTICLE #: 3042095, VENDOR PART #: AAMAB08SQTJ52X SIZE: 13 GALLON FINISH: STAINLESS STEEL	ONE PER ROOM: BOH/BREAK AREA RESTROOM	(1) PER BOH/BREAK AREA (1) PER RESTROOM	T	GC	GC
SGH-MH	24" MOP HOLDER	VENDOR: ABCO ARTICLE #: 3041934; VENDOR PART #: LEN-600MBR24 FINISH: STAINLESS STEEL	BOH	(1) PER MOP SINK	T	GC	GC
SGH-FRIDGE	REFRIGERATOR	VENDOR: ABCO ARTICLE #: 3041467 MODEL: AVANTI 3.3 CU BLACK RM3316B	BOH/BREAK AREA	(1) PER STORE	T	GC	GC
SGH-FHR	FULL HEIGHT REFRIGERATOR	VENDOR: ABCO ARTICLE #: 3066137 MODEL #: FF108D3S, UPC: 079841201037 MODEL: AVANTI 10.0 CU STAINLESS STEEL	BOH/BREAK AREA	AS SHOWN ON FIXTURE PLAN IF APPLICABLE	T	GC	GC
SGH-MICRO	MICROWAVE	VENDOR: ABCO ARTICLE #: 3041466 VENDOR PART #: LEN-MICROWAVE1	BOH/BREAK AREA	(1) PER STORE	T	GC	GC

'SGH' AND 'SGH06' PREFIX IS NOT REFLECTED ON PLAN.
SEE A201 FOR TOILET ROOM ACCESSORIES.

2-SGH06-G009-REV01

MANUAL TAKEOFF ITEMS			
CODE	DESCRIPTION	QUANTITY	UOM
SGH-06850-01	HARDWARE KIT (1 REQUIRED PER STORE)	1	PCS
TBD	PROP KIT-LOGOS (1 REQUIRED PER STORE)	1	PCS

SGH MANUAL TAKE-OFF ITEMS BLOCK - REV 13a

LANDLORD NOTES

1. ALL FLOORING TRANSITIONS MUST BE SMOOTH AND FLUSH.

2. TENANT IS REQUIRED TO INSTALL A WATERPROOF MEMBRANE IN ALL WET AREAS (RESTROOMS, KITCHENS, FOOD SERVICES, ETC.) OF THE SPACE. TENANT SHALL USE A 30MIL POLYTHENE CLEAVAGE MEMBRANE (EQUAL TO NOBLE SEAL TS) INSTALLED PER MANUFACTURERS RECOMMENDATIONS AND ANSI A 108. MEMBRANE MUST BE EXTENDED UP THE WALL A MINIMUM OF 6" OR EQUAL TO THE HEIGHT OF THE FLOOR BASE.

3. SLAB ON GRADE : TENANT'S GENERAL CONTRACTOR SHALL ADVISE THE PROPERTY MANAGEMENT TEAM PRIOR TO ANY SLAB MODIFICATIONS OR REMOVAL. TENANT GC SHALL VERIFY THAT WORK SHALL NOT CONFLICT WITH ANY EXISTING, STRUCTURAL, UTILITY, OR OTHER UNDER-SLAB CONDITION.(NON DESTRUCTIVE VERIFICATION MAY BE REQUIRED) ANY DAMAGE OR DOWNTIME CAUSED BY TENANT'S WORK SHALL BE REPAIRED AND REIMBURSED AT TENANT'S EXPENSE.
   ANY SLAB SAW CUTTING OR PENETRATIONS REQUIRE THAT REPLACEMENT SLAB BE INSTALLED WITH DWELLING AND REINFORCED CONCRETE. WHERE THE SLAB IS SAW-CUT AND REMOVED FOR TRENCHING, LANDLORD REQUIRES TENANT'S CONTRACTOR TO INSTALL APPROPRIATE MOISTURE BARRIER. CONFIRM WORK WITH CENTER OPERATIONS DIRECTOR BEFORE YOU BACKFILL.

4. ELEVATED SLAB ON GRADE: TENANT'S GENERAL CONTRACTOR SHALL ADVISE THE OPERATIONS TEAM PRIOR TO ANY SLAB MODIFICATION OR REMOVAL. IF ANY ELEVATED SLAB IS TO BE MODIFIED IN ANYWAY (DRILLED, CORED OR PENETRATED), TENANT SHALL PROVIDE STAMPED AND CERTIFIED DRAWINGS BY A LICENSED STRUCTURAL ENGINEERED CERTIFIED IN THE LOCAL JURISDICTION. ALL PENETRATIONS SHALL BE CORE BORED ONLY. SAW CUTTING, JACK HAMMERING, AND TRENCHING IS STRICTLY PROHIBITED. ALL PENETRATIONS SHALL BE SLEEVED, SEALED, FIRE STOPPED AND WATER PROOFED. THE PENETRATION SLEEVE SHALL EXTEND A MINIMUM OF 4" ON EITHER SIDE OF THE SLAB AND BE LABELED WITH THE REQUIRED NFPA RATING. TENANT GC SHALL VERIFY THAT WORK SHALL NOT CONFLICT WITH ANY EXISTING STRUCTURSL UTILITY, OR OTHER UBDER-SLAB CONDITION. (NONDESTRUCTIVE VERIFICATION MAY BE REQUIRED.) ANY DAMAGE OR DOWNTIME CAUSED BY TENANT'S WORK SHALL BE REPAIRED AND REIMBURSED AT TENANT'S EXPENSE.

5. TENANT AND TENANT FLOORING CONTRACTORS ARE RESPONSIBLE TO DETERMINE COMPATIBILITY OF THEIR FLOORING PRODUCTS AND/OR ADHESIVE WITH EXISTING SLAB PRIOR TO FLOORING INSTALLATION. ANY REQUIRED MOISTURE TESTING OR INSTALLATION OF MOISTURE BARRIER UNDER FLOORING IS TENANT'S EXPENSE. LANDLORD DOES NOT ACCEPT RESPONSIBILTY AND WILL NOT BE LIABLE FOR WATER VAPOR EMISSIONS THROUGH THE SLAB THAT EXCEED FLOORING MANUFACTURER'S RECOMMENDATIONS, OR ARE DUE TO EFFECTS OF SAW CUTTING.

SGH6.0 FLOORING MANUAL TAKEOFF

CODE	DESCRIPTION	NET QTY	UOM	NOTES
VB-40	VINYL WALL BASE - 4" x .06" - 38 PEWTER - JOHNSONITE	50	LFT	
MWB-53	METAL WALL BASE - 1" x .06" - POLISHED STEEL - DIRECTLY APPLIED TO WALL	16	LFT	
PTF-52	PORCELAIN TILE - 60cm x 120cm - LONDON GREY 1060 - CERAMICA SANT'AGOSTINO	0	SQ FT	
TF-60	PORCELAIN TILE - 60cm x 120cm - MARMOREA PORT LAURENT EFFECT DECO	0	SQ FT	
TF-191	PORCELAIN TILE - 20cm x 180cm - CUSTOM - WOOD NOCE LUXOTTICA MATTE - FLORIM	0	SQ FT	
VFT-61	LUXURY VINYL TILE - 18" x 36" - DRIFT STONE COLLECTION - TERRA GRAPHITE, D216 - MANNINGTON COMMERCIAL	100	SQ FT	RETAIL & BOH AREA; USE ONLY WHEN SPEC'D IN CDS
VFT-62	LUXURY VINYL TILE - 12" x 24" - MAXCORE TERRA - COLOR 605 WHITE CALCATTA	0	SQ FT	
VFT-63	LUXURY VINYL TILE - 12" x 24" - MAXCORE TERRA - COLOR 606 BLACK MARQUINA	0	SQ FT	
VFT-64	LUXURY VINYL TILE - 16" x 32" - CALCATTA - COLOR 14143 GOLD	0	SQ FT	
VFT-65	LUXURY VINYL TILE - 16" x 32" - NERO - COLOR: MARQUINA BLACK 13511	0	SQ FT	
WM-50	WALK-OFF MAT - BLACK BASE - NEW YORK COLLECTION - CHARCOAL - MATS INC.	0	SQ FT	
WM-50a	WALK-OFF MAT - BRUSHED COIR - VINYL BACKED COCOA, NATURAL - MATS INC.	0	SQ FT	
WM-52a	LAY-ON MAT - NEW YORK COLLECTION, BLACK BASE W CHARCOAL - MATS INC.	0	SQ FT	
TF-195a	PORCELAIN TILE - 60cm x 60cm - MARMI, MAXFINE - CUSTOM BLACK MARQUINA	0	SQ FT	
TF-195b	PORCELAIN TILE - 40cm x 40cm - MARMI, MAXFINE - CUSTOM BLACK MARQUINA	262	SQ FT	
TF-195c	PORCELAIN TILE - 60cm x 120cm - MARMI, MAXFINE - CUSTOM BLACK MARQUINA	0	SQ FT	
TF-196a	PORCELAIN TILE - 60cm x 60cm - MARMI, MAXFINE - CUSTOM CALACATTA ORO	0	SQ FT	
TF-196b	PORCELAIN TILE - 40cm x 40cm - MARMI, MAXFINE - CUSTOM CALACATTA ORO	262	SQ FT	
TF-196c	PORCELAIN TILE - 60cm x 120cm - MARMI, MAXFINE - CUSTOM CALACATTA ORO	0	SQ FT	
TF-197	CERAMIC TILE - 60cm x 120cm - FIORI DI PESCO - MARBLE EFFECT	0	SQ FT	

1 SGH6.0 (SKIN) - FINISH SCHEDULE

NOTE: ALL SPECS MAY NOT BE USED IN EVERY STORE
GENERAL NOTE: FOLLOW ALL MANUFACTURERS INSTALLATION AND MAINTENANCE INSTRUCTIONS

	ITEM	MARK	DESCRIPTION	MFG. / CONTACT		MODEL / COLOR	ALT.	REMARKS	SUPPLY	RECEIVED	INSTALLED
APPLIED FINISHES	FIBERGLASS REINFORCED PLASTIC	FRP-40	F.R.P. WALL PANELS (4'-0" X 8'-0" X 1/8")	MARLITE	800-377-1221	PEBBLED, P100 WHITE	NONE	ACCESSORIES: INSIDE CORNER #M350, OUTSIDE CORNER #M360, DIVIDERS #M365, EDGING #M370 (AT MOP SINK ONLY TO 4'-0" AFF)	GC	GC	GC
	PAINT	P-53	PAINT (WHITE)	BENJAMIN MOORE	866-708-9180	ULTRA SPEC® 500 INTERIOR LATEX COLOR: PM-1 SUPER WHITE	NONE	WALL SHEEN: EGGSHELL CEILING SHEEN: FLAT DOORS & TRIM SHEEN: SEMI-GLOSS	GC	GC	GC
	PAINT	P-57	PAINT (BEIGE)	BENJAMIN MOORE	866-708-9180	ULTRA SPEC® 500 INTERIOR LATEX COLOR: PEBBLE ROCK 945	NONE	WALL SHEEN: EGGSHELL CEILING SHEEN: FLAT DOORS & TRIM SHEEN: SEMI-GLOSS	GC	GC	GC
	PAINT	P-61	PAINT (BRASS)	BENJAMIN MOORE	866-708-9180	ULTRA SPEC® 500 INTERIOR LATEX COLOR: TBD	NONE	WALL SHEEN: SATIN CEILING SHEEN: FLAT TRIM SHEEN: SEMI-GLOSS SEE SPECS FOR PRIMER, COATS AND PAINT SEQUENCING	GC	GC	GC
	PAINT	P-61a	PAINT (BRASS)	BENJAMIN MOORE COROTECH HIGH PERFORMANCE	866-708-9180	ELECTROSTATIC ENAMEL V260 COLOR: TBD	NONE	SHEEN: SEMI-GLOSS SEE SPECS FOR PRIMER AND # OF COATS	GC	GC	GC
	PAINT	P-62	PAINT (BLACK)	BENJAMIN MOORE	866-708-9180	ULTRA SPEC® 500 INTERIOR LATEX COLOR: BM ONYX 2133-10	NONE	WALL SHEEN: SATIN CEILING SHEEN: FLAT TRIM SHEEN: SEMI-GLOSS SEE SPECS FOR PRIMER, COATS AND PAINT SEQUENCING	GC	GC	GC
	PAINT	P-62a	PAINT (BLACK)	BENJAMIN MOORE COROTECH HIGH PERFORMANCE	866-708-9180	ELECTROSTATIC ENAMEL V260 COLOR: BM ONYX 2133-10	NONE	SHEEN: SEMI-GLOSS SEE SPECS FOR PRIMER AND # OF COATS	GC	GC	GC
	PAINT	P-501	PAINT (BLACK)	BENJAMIN MOORE	866-708-9180	ULTRA SPEC® 500 INTERIOR LATEX COLOR: BLACK PM-9	NONE	WALL SHEEN: SATIN CEILING SHEEN: FLAT TRIM SHEEN: SEMI-GLOSS SEE SPECS FOR PRIMER, COATS AND PAINT SEQUENCING	GC	GC	GC
	PAINT	P-501a	PAINT (BLACK)	BENJAMIN MOORE COROTECH HIGH PERFORMANCE	866-708-9180	ELECTROSTATIC ENAMEL V260 COLOR: BLACK PM-9	NONE	SHEEN: SEMI-GLOSS SEE SPECS FOR PRIMER AND # OF COATS	GC	GC	GC
	WALLCOVERING	WC-60	ACCENT WALLCOVERING	VESCOM	252-431-6200	VESCOM, SENECA - 1016.12 ROLL WIDTH: 51 3/8"	NONE	VERTICAL PATTERN INSTALLATION	GC	GC	GC
	WALLCOVERING	WC-61	ACCENT WALLCOVERING	PHILLIP JEFFRIES	-	PHILLIP JEFFRIES, 2024 VINYL, METAL WORKS, LACQUERED BRONZE ROLL WIDTH: 132-137CM (52"-54") UNTRIMMED	NONE	PATTERN INSTALLATION: GRAIN PATTERN TO APPEAR VERTICAL	GC	GC	GC
	WALL TILE	PWT-52	PORCELAIN WALL TILE (8MM x 60CM x 120CM, 1/4" x 23 5/8" x 47 1/8")	CERAMIC TECHNICS STONESOURCE	NANCY BURNS (404-661-7111) NBURNS@CERAMICTECHNICS.COM	CERAMICA SANT'AGOSTINO - LONDON GREY 1060 TILE PATTERN: STRAIGHT (STACK BOND)	NONE	GROUT (BY GC): 1/8" JOINT; LATICRETE SPECTRALOCK PRO PREMIUM, 78 STERLING SILVER (REQ'S 7 DAYS OF PROTECTION)	T	GC	GC
	LAMINATE	LAM-51	HIGH PRESSURE LAMINATE	SURFACE MATERIALS	NANCY ROYER (213-654-3995) NANCYR@SURFACEMATERIALS.COM	LAMITECH - OIL BRONZE 2507	NONE		GC	GC	GC
BASE	VINYL WALL BASE	VB-40	4" H - VINYL BASE	JOHNSONITE	CDC DISTRIBUTORS (513) 560-1040	COLOR: 38-PEWTER	NONE		GC	GC	GC
	METAL WALL BASE	MWB-53	1/8" x 1" METAL WALL BASE FINISH: POLISHED STAINLESS STEEL	N/A: GC OBTAINED METAL WALL BASE, SEE REMARKS	-	1/8" x 3/4"H METAL WALL BASE FINISH: POLISHED STAINLESS STEEL	NONE	SEE DETAIL: 6/A401 (ALL CUTS IN FIELD MUST BE DONE UTILIZING A HACKSAW W/ HIGH-SPEED STEEL BLADE. TAPE OFF MATERIAL DURING CUT. MITER INSIDE & OUTSIDE CORNERS.)	GC	GC	GC
FLOORING	WATERPROOF FLOOR MEMBRANE	WM-101	WATERPROOF FLOOR MEMBRANE	CUSTOM BUILDING PRODUCTS	800-272-2757	REDGARD CRACK PREVENTION AND WATERPROOFING MEMBRANE	NONE	USED IN WET AREAS WHEN REQUIRED BY LANDLORD. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.	GC	GC	GC
	WALK-OFF MAT	WM-50	ULTRA ENTRY MAT	MATS INC.	800-628-7462	NEW YORK COLLECTION; BLACK BASE W/ CHARCOAL	NONE	INSET TO FLOOR; USED AT ENTRY DOORS IN EXTERIOR LOCATIONS. SIZE: 36" x 72" (DOUBLE DOOR) 36"x36" (SINGLE DOOR)	GC	GC	GC
	WALK-OFF MAT	WM-50a	ULTRA ENTRY MAT	MATS INC.	800-628-7462	NEW YORK COLLECTION; BLACK BASE W/ CHARCOAL	NONE	LAY-ON MAT SIZE: 36" x 72" (DOUBLE DOOR) 36"x36" (SINGLE DOOR)	GC	GC	GC
	WALK-OFF MAT	WM-52	WALK-OFF MAT THICKNESSES: 5/8", 3/4", 1"	AMARCO PRODUCTS	732-302-1122	BRUSHED COIR - VINYL BACKED COCOA MAT; COCOA NATURAL	NONE	SEE SHEET A103 FOR SIZE	GC	GC	GC
	TILE FLOOR	PFT-52	PORCELAIN FLOOR TILE (8MM x 60CM x 120CM, 1/4" x 23 5/8" x 47 1/8")	CERAMIC TECHNICS STONESOURCE	NANCY BURNS (404-661-7111) NBURNS@CERAMICTECHNICS.COM	CERAMICA SANT'AGOSTINO - COLOR: LONDON GREY 1060 TILE PATTERN: STRAIGHT (STACK BOND)	NONE	GROUT (BY GC): 1/8" JOINT; LATICRETE SPECTRALOCK PRO PREMIUM, 78 STERLING (REQ'S 7 DAYS OF PROTECTION)	T	GC	GC
	TILE FLOOR	TF-60	CERAMIC FLOOR TILE (1CM X 60CM X 120CM, 23 5/8" X 47 1/4")	STONESOURCE, NA FIORANESE, EU	NANCY BURNS (404-661-7111) NBURNS@CERAMICTECHNICS.COM	MARMOREA PORT LAURENT EFFECT DECO, CUSTOM MATTE FINISH	NONE	GROUT (BY GC): 1/8" JOINT; LATICRETE SPECTRALOCK PRO PREMIUM, 78 STERLING (REQ'S 7 DAYS OF PROTECTION)	T	GC	GC
	TILE FLOOR	TF-191	PORCELAIN FLOOR TILE (WOOD LOOK) (1CM x 20CM x 180CM, 3/8" x 7 7/8" x 5'-10 7/8")	FLORIM	SAVIPATIRAM (931-401-6764) bpatiram@florimsolution.com	CUSTOM TILE WOOD NOCE LUXOTTICA MATTE	NONE	GROUT (BY GC): 1/8" JOINT; LATICRETE SPECTRALOCK PRO PREMIUM, 35 MOCHA (REQ'S 7 DAYS OF PROTECTION)	T	GC	GC
	TILE FLOOR	TF-195a	PORCELAIN FLOOR TILE (60CM X 60CM X 60CM, .24" X 23.625" X 23.625")	IRIS FMG, EU STONE PEAK (TRANSCERAMICA, NA)	NOREEN SCHERTLER (312-342-4689) nschertler@transceramica.com	MARMI, MAXFINE - CUSTOM BLACK MARQUINIA FINISH: SILKY (HONED)	NONE		T	GC	GC
	TILE FLOOR	TF-195b	PORCELAIN FLOOR TILE (,6CM X 40CM X 40CM, .24" X 15.75" X 15.75")	IRIS FMG, EU STONE PEAK (TRANSCERAMICA, NA)	NOREEN SCHERTLER (312-342-4689) nschertler@transceramica.com	MARMI, MAXFINE - CUSTOM BLACK MARQUINIA FINISH: SILKY (HONED)	NONE	GROUT (BY GC): 1/8" JOINT; LATICRETE SPECTRALOCK PRO PREMIUM, 45 RAVEN (REQ'S 7 DAYS OF PROTECTION)\	T	GC	GC
	TILE FLOOR	TF-195c	PORCELAIN FLOOR TILE (,6CM X 60CM X 120CM, .24" X 23.625" X 47.25")	IRIS FMG, EU STONE PEAK (TRANSCERAMICA, NA)	NOREEN SCHERTLER (312-342-4689) nschertler@transceramica.com	MARMI, MAXFINE - CUSTOM BLACK MARQUINIA FINISH: SILKY (HONED)	NONE		T	GC	GC
	TILE FLOOR	TF-195d	PORCELAIN FLOOR TILE (,6CM X 120CM X 120CM, .24" X 47.25" X 47.25")	IRIS FMG, EU STONE PEAK (TRANSCERAMICA, NA)	NOREEN SCHERTLER (312-342-4689) nschertler@transceramica.com	MARMI, MAXFINE - CUSTOM BLACK MARQUINIA FINISH: SILKY (HONED)	NONE		T	GC	GC
	TILE FLOOR	TF-196a	PORCELAIN FLOOR TILE (,6CM X 60CM X 60CM, .24" X 23.625" X 23.625")	IRIS FMG, EU STONE PEAK (TRANSCERAMICA, NA)	NOREEN SCHERTLER (312-342-4689) nschertler@transceramica.com	MARMI, MAXFINE - CUSTOM CALACATTA ORO FINISH: SILKY (HONED)	NONE		T	GC	GC
	TILE FLOOR	TF-196b	PORCELAIN FLOOR TILE (,6CM X 40CM X 40CM, .24" X 15.75" X 15.75")	IRIS FMG, EU STONE PEAK (TRANSCERAMICA, NA)	NOREEN SCHERTLER (312-342-4689) nschertler@transceramica.com	MARMI, MAXFINE - CUSTOM CALACATTA ORO FINISH: SILKY (HONED)	NONE	GROUT (BY GC): 1/8" JOINT; LATICRETE SPECTRALOCK PRO PREMIUM, 90 LIGHT PEWTER (REQ'S 7 DAYS OF PROTECTION)	T	GC	GC
	TILE FLOOR	TF-196c	PORCELAIN FLOOR TILE (,6CM X 60CM X 120CM, .24" X 23.625" X 47.25")	IRIS FMG, EU STONE PEAK (TRANSCERAMICA, NA)	NOREEN SCHERTLER (312-342-4689) nschertler@transceramica.com	MARMI, MAXFINE - CUSTOM CALACATTA ORO FINISH: SILKY (HONED)	NONE	**IF THIS TILE IS USED IN CONJUNCTION WITH BLACK TILES (TF-195a, TF-195b, TF-195c, TF-195d) THEN 45 RAVEN GROUT IS USED THROUGHOUT**	T	GC	GC
	TILE FLOOR	TF-196d	PORCELAIN FLOOR TILE (,6CM X 120CM X 120CM, .24" X 47.25" X 47.25")	IRIS FMG, EU STONE PEAK (TRANSCERAMICA, NA)	NOREEN SCHERTLER (312-342-4689) nschertler@transceramica.com	MARMI, MAXFINE - CUSTOM CALACATTA ORO FINISH: SILKY (HONED)	NONE		T	GC	GC
	TILE FLOOR	TF-197	CERAMIC TILE (60CM x 120CM; 8MM ,23 5/8" x 47 1/8")	IRIS FMG, EU STONE PEAK (TRANSCERAMICA, NA)	NOREEN SCHERTLER (312-342-4689) nschertler@transceramica.com	FIORI DI PESCO- MARBLE EFFECT	NONE	GROUT (BY GC): 1/8" JOINT; LATICRETE SPECTRALOCK PRO PREMIUM, 78 STERLING (REQ'S 7 DAYS OF PROTECTION)	T	GC	GC
	VINYL FLOOR TILE	VFT-61	LUXURY VINYL TILE (1/8" x 18"x36")	MANNINGTON COMMERCIAL	LAUREN PATAKY 412-463-5469	THE DRIFT STONE COLLECTION - COLOR: TERRA GRAPHITE D216 TILE PATTERN: STRAIGHT (STACK BOND)	NONE	SCRUB AND SEAL VINYL FLOORING SUBSEQUENT TO INSTALLATION. REFER TO MANUFACTURER'S SPECIFICATIONS.	T	GC	GC
	VINYL FLOOR TILE	VFT-62	LUXURY VINYL TILE (1/4" x 12" x 24")	LUCIDA SURFACES	-	MAXCORE TERRA - COLOR: 605 WHITE CALCATTA INSTALL METHOD: CLICK LOCK	NONE	SCRUB AND SEAL VINYL FLOORING SUBSEQUENT TO INSTALLATION. REFER TO MANUFACTURER'S SPECIFICATIONS.	GC	GC	GC
	VINYL FLOOR TILE	VFT-63	LUXURY VINYL TILE (1/4" x 12" x 24")	LUCIDA SURFACES	-	MAXCORE TERRA - COLOR: 606 BLACK MARQUINA INSTALL METHOD: CLICK LOCK	NONE	SCRUB AND SEAL VINYL FLOORING SUBSEQUENT TO INSTALLATION. REFER TO MANUFACTURER'S SPECIFICATIONS.	GC	GC	GC
	VINYL FLOOR TILE	VFT-64	LUXURY VINYL TILE (1/4" x 16" x 32")	STANTON	-	CALCATTA - COLOR: GOLD 14143 INSTALL METHOD: CLICK LOCK	NONE	SCRUB AND SEAL VINYL FLOORING SUBSEQUENT TO INSTALLATION. REFER TO MANUFACTURER'S SPECIFICATIONS.	GC	GC	GC
	VINYL FLOOR TILE	VFT-65	LUXURY VINYL TILE (1/4" x 16" x 32")	STANTON	-	NERO - COLOR: MARQUINA BLACK 13511 INSTALL METHOD: CLICK LOCK	NONE	SCRUB AND SEAL VINYL FLOORING SUBSEQUENT TO INSTALLATION. REFER TO MANUFACTURER'S SPECIFICATIONS.	GC	GC	GC
CEILING	ACOUSTICAL CEILING	AC-1	MATCH EXISTING SYSTEM (V.I.F.)		-	PAINT IN FIELD, SEE SHEET A102 FOR FINISH	NONE		GC	GC	GC
	ACOUSTICAL CEILING	AC-9	ACOUSTICAL CEILING TILE	ARMSTRONG	(800) 442-4212 TO ORDER: accounts.armstrongceilings.com	2824BK (BLACK) - CALLA 24"x24", TEGULAR CEILING TILE. FOR 9/16" SUPRAFINE SUSPENSION (GRID TO MATCH BLACK). 7501BL (MAIN), XL7540BL (4' CROSS TEE), XL7520BL (2' CROSS TEE) AND 7804BL (WALL MOLDING 9/16" FLANGE)	NONE	CLASS "A", REFERENCE "LUXOTTICA" AS ACCOUNT NAME	GC	GC	GC
	ACOUSTICAL CEILING	AC-10	ACOUSTICAL CEILING TILE	ARMSTRONG	(800) 442-4212 TO ORDER: accounts.armstrongceilings.com	2824WH (WHITE) - CALLA 24"x24", TEGULAR CEILING TILE. FOR 9/16" SUPRAFINE SUSPENSION (GRID TO MATCH WHITE). 7501WH (MAIN), XL7540WH (4' CROSS TEE), XL7520WH (2' CROSS TEE) AND 7804WH (WALL MOLDING 9/16" FLANGE)	NONE	CLASS "A", REFERENCE "LUXOTTICA" AS ACCOUNT NAME	GC	GC	GC
	GYPSUM CEILING	GYP-1	GYPSUM BOARD CEILING - LEVEL 5 FINISH	CERTAINTEED	800-233-8990	PROROC BRAND GYPSUM BOARD	NONE		GC	GC	GC
TRANSITION	TRANSITION STRIP	TS-1	TRANSITION STRIP (HARD TILE TO: HARD TILE, WOOD)	SCHLUTER	888-472-4588	SCHLUTER®-SCHIENE, MINIMAL HEIGHT AS APPROPRIATE FOR FLOORING TRANSITION ALUMINUM (-A); 1/4" THICK EDGE.	NONE	-	GC	GC	GC
	TRANSITION STRIP	TS-5	TRANSITION STRIP (HARD TILE TO MALL HARD TILE FLOORING)	SCHLUTER	888-472-4588	SCHLUTER®-DECO, ALUMINUM (-AE) HEIGHT AS APPROPRIATE FOR FLOORING TRANSITION, 1/4" THICK ALUMINUM EDGE	NONE	STOREFRONT ENTRY BETWEEN RETAIL TILE AND MALL TILE	GC	GC	GC
	TRANSITION STRIP	TS-6	TRANSITION STRIP (WALL TILE TOP EDGE)	SCHLUTER	888-472-4588	SCHLUTER®-SCHIENE, FINISHING AND EDGE-PROTECTION PROFILE WITH MINIMUM REVEAL. STAINLESS STEEL	EQUAL		GC	GC	GC
	TRANSITION STRIP	TS-7	TRANSITION STRIP (WALL TILE OUTSIDE CORNER)	SCHLUTER	888-472-4588	SCHLUTER®-FINEC, FINISHING AND EDGE-PROTECTION PROFILE WITH A MINIMALIST DESIGN. STAINLESS STEEL	EQUAL		GC	GC	GC
	TRANSITION STRIP	TS-9	TRANSITION STRIP (HARD TILE TO VINYL)	SCHLUTER	888-472-4588	SCHLUTER®-RENO-U. STAINLESS STEEL	NONE		GC	GC	GC
	TRANSITION STRIP	TS-11	TRANSITION STRIP (HARD TILE TO CONCRETE)	SCHLUTER	888-472-4588	SCHLUTER®-RENO-RAMP. STAINLESS STEEL	NONE		GC	GC	GC
GLAZING	GLAZING FILM	GF-2	GLAZING FILM - OPAQUE BLACK OUT	3M	866-499-8857	3635-22B BLACK MATTE	NONE	STOREFRONT WINDOWS WHERE SITE CONDITIONS REQUIRE	GC	GC	GC
	GLAZING FILM	GF-5	GLAZING FILM - LIFESTYLE IMAGES	TENANT	-	-	NONE	-	T	T	T
	GLAZING FILM	GF-6	GLAZING FILM - FROSTED	SOLYX	-	SXWF-WM; WHITE MATTE	NONE	STOREFRONT WINDOWS WHERE SITE CONDITIONS REQUIRE	GC	GC	GC
	GLAZING FILM	GF-7	GLAZING FILM - BRONZE	AVERY DENNISON	-	SC900 SUPER CAST SERIES - ULTRA GOLD, SC900-219-M / SC5779M	NONE	STOREFRONT WINDOWS WHERE SITE CONDITIONS REQUIRE	GC	GC	GC
	MIRROR	MIR-01	MIRROR (EXTRA CLEAR)	-	-	-	NONE	-	GC	GC	GC
	MIRROR	MIR-02	MIRROR (BRONZE)	INTERGLASS	305-885-4442	INTERGLASS, M-6884130-C	NONE	-	GC	GC	GC
	MIRROR	MIR-03	MIRROR (LIGHT FUME')	A-1 GLASS COMPANY, INC	CRAIG AITKEN (860-289-3481)	1/4" WALKER GRAY MIRROR	NONE	-	GC	GC	GC
	GLAZING	G-01	GLAZING	EXTRA CLEAR				SEE SHEET A300 FOR GLASS SIZE.	GC	GC	GC
	GLAZING PROTECTION	GP-01	GLAZING PROTECTION	QMI / RIOT GLASS	KASIA POPA (630-924-9863)	RIOT GLASS, STANDARD SERIES AP375	NONE		GC	GC	GC
	GLAZING PROTECTION	GP-02	GLAZING FILM - SECURITY FILM	WINDOW FILM DEPOT	770-973-4287	3M SCOTCHSHIELD - ULTRA SERIES ULTRA S800 MIL. SINGLE SIDED (INT. SIDE ONLY)	NONE	MUST INCLUDE THE IPA ATTACHMENT. WET APPLICATION. CERTIFIED INSTALLER REQUIRED.	GC	GC	GC
METAL	STOREFRONT	MF-51	METAL PANEL (BLACK)	PRISMATICPOWDERS.COM	866-774-7628	18 GA. BRAKE METAL W/ APPLIED PRISMATIC POWDER COAT: BLACK JACK (FLAT) USS-1522	NONE	GC RESPONSIBLE FOR NEW AND/OR REFURBISH OF CONSTRUCTION FOR STOREFRONT VENDOR TO APPLY FINISHES.	GC	GC	GC
	STOREFRONT	MF-61	METAL PANEL (BRASS)	RIMEX METALS	-	COLOR: BRASS BRUSHED METAL RIMEX T22 AMBER BRASS HAIRLINE	SEE REMARKS	ALTERNATE PRISMATIC POWDERS, BRASS FINISH, MUST BE APPROVED BY ESSILOR LUXOTTICA BEFORE PROCURING	GC	GC	GC
	STOREFRONT	MF-62	METAL PANEL (BRONZE)	PRISMATICPOWDERS.COM	866-774-7628	18 GA. BRAKE METAL W/ APPLIED PRISMATIC POWDER COAT: TRIPLE BRONZE UMB-454	NONE	GC RESPONSIBLE FOR NEW AND/OR REFURBISH OF CONSTRUCTION FOR STOREFRONT VENDOR TO APPLY FINISHES.	GC	GC	GC

1-SGH60-G009-REV14

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Construction for:

sunglass hut
A Brand of EssilorLuxottica

Revisions:

Mark	Date	By
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Seal

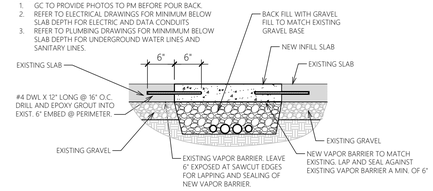
Architect / Engineer Job No.: SGH-124

EssilorLuxottica CDS Layout No.:
DD-REV7

EssilorLuxottica Reference Set No.:
SGH06E

NOTE: ALL SAW CUTTING AND SLAB REMOVAL TO OCCUR OUTSIDE OF NORMAL BUSINESS HOURS. COORDINATE ALL WORK WITH OPERATION DIRECTOR PRIOR TO SCHEDULING WORK TO OCCUR.

NOTES:
1. GC TO PROVIDE PHOTOS TO PM BEFORE POUR BACK.
2. REFER TO ELECTRICAL DRAWINGS FOR MINIMUM BELOW SLAB DEPTH FOR ELECTRIC AND DATA CONDUITS.
3. REFER TO PLUMBING DRAWINGS FOR MINIMUM BELOW SLAB DEPTH FOR UNDERGROUND WATER LINES AND SANITARY LINES.



1 CONCRETE SLAB TRENCH DETAIL
SCALE: 3/4" = 1'-0"

LANDLORD DEMOLITION NOTES

1. ANY EXISTING EQUIPMENT OR COMPONENT IN OR PERTAINING TO THE PREMISES THAT IS BEING ABANDONED MUST BE DEMOLISHED COMPLETELY AND PROPERLY REMOVED FROM THE PREMISES.
2. ALL ABOVE GROUND UTILITY LINES NOT TO BE RE-USED MUST BE REMOVED TO POINT OF ORIGIN. ALL UNDER SLAB UTILITY LINES TO BE CUT, CAPPED AND SEALED PER CODE.
3. ALL ROOF MOUNTED EQUIPMENT ABOVE THE LEASED PREMISES NOT TO BE RE-USED MUST BE REMOVED BY TENANT GC AT TENANT EXPENSE. ROOF MUST BE PROPERLY PATCHED BY MALL REQUIRED ROOFER. ROOF CURBS MUST BE REMOVED AND ROOF PATCHED - DO NOT CAP. COORDINATE ALL WORK WITH MALL OPERATIONS DIRECTOR.
4. SLAB REQUIREMENTS: TENANT'S GENERAL CONTRACTOR SHALL ADVISE THE OPERATION TEAM PRIOR TO ANY SLAB MODIFICATIONS OR REMOVAL. TENANT GC SHALL VERIFY THAT WORK SHALL NOT CONFLICT WITH ANY EXISTING, STRUCTURAL, UTILITY, OR OTHER UNDER-SLAB CONDITION.(NON DESTRUCTIVE VERIFICATION MAY BE REQUIRED) ANY DAMAGE OR DOWNTIME CAUSED BY TENANT'S WORK SHALL BE REPAIRED AND REIMBURSED AT TENANT'S EXPENSE.
5. TENANT'S CONSTRUCTION WORK IS TO BE PERFORMED INSIDE THE DEMISED SPACE, AND CONTRACTOR ENTRY INTO THE DEMISED SPACE DURING CONSTRUCTION IS TO BE ONLY THROUGH THE REAR DOOR UNLESS ALTERNATE MEANS ARE APPROVED BY PROPERTY MANAGEMENT.
6. IDENTIFY ALL WIRING, CONDUITS, PIPING OR OTHER ITEMS IN THE ABOVE CEILING SPACE PRIOR TO REMOVING IT. ANY DAMAGE OR INTERRUPTION OF SERVICE TO FIRE ALARM OR OTHER MONITORING SYSTEMS SHALL BE REPAIRED AND CHARGED TO THE TENANT GC.

PLAN LEGEND

PARTITION LEGEND	DESCRIPTION
	LEASE LINE
	CENTERLINE
	EXISTING PARTITION
	EXISTING PARTITION TO BE REMOVED
	EXISTING CEILING TRANSITION / SOFFIT TO REMAIN. - SEE DEMOLITION CEILING PLAN

SYMBOLS LEGEND

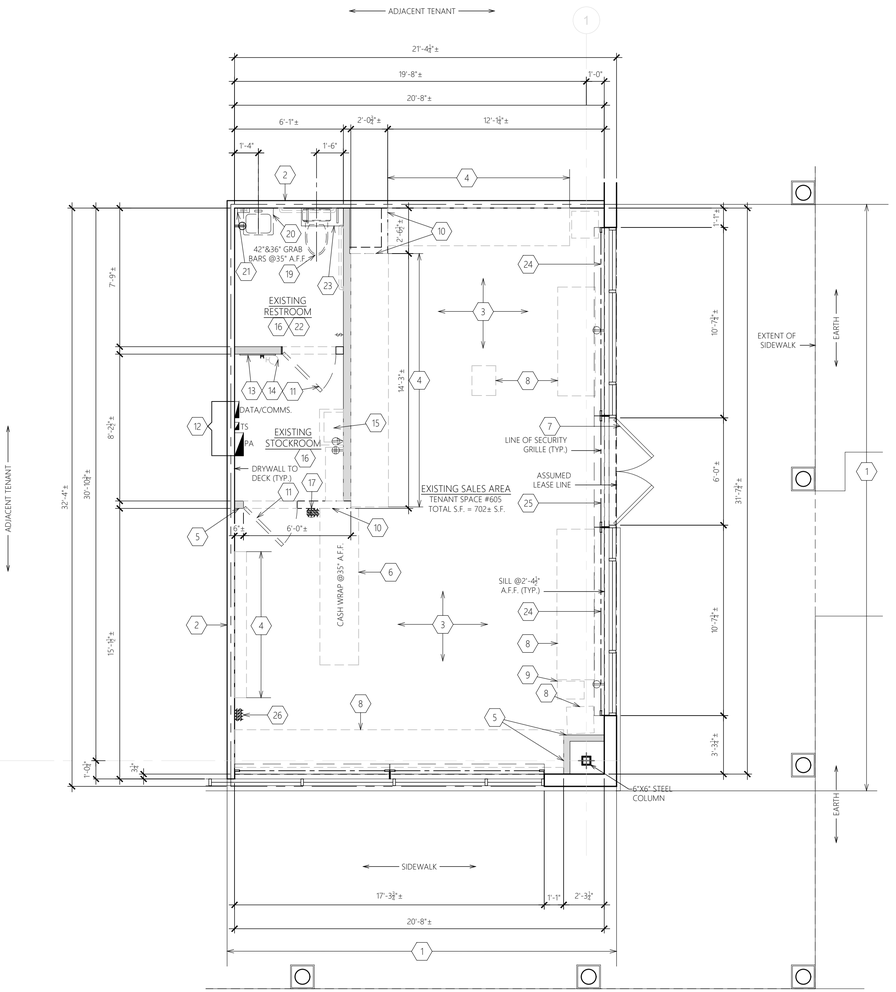
(#) = KEY NOTE - SEE SCHEDULE

DOOR AND DOOR FRAME AND ADJACENT PARTITION SHOWN DASHED AND PARTIALLY OPEN TO 45° ARE INTENDED TO BE REPLACED

DOORS SHOWN PARTIALLY OPEN TO 45° ARE CONSIDERED AS EXISTING DOORS. SEE DOOR SCHEDULE FOR MORE INFO.

NOTE: NOT ALL CONDITIONS ARE SHOWN. G.C. IS VERIFY ALL EXISTING ALL CONDITIONS PRIOR TO START OF DEMOLITION. COORDINATE ANY DISCREPANCIES WITH TENANT'S PROJECT MANAGER, ARCHITECT AND ENGINEER.

NOTE: ALL DEMOLITION WORK BY TENANT. COORDINATE DEBRIS REMOVAL WITH MALL OPERATION MANAGER



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

N

DEMO PLAN GENERAL NOTES

A. 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.~~
B. 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.
C. ~~USE THESE DEMOLITION PLANS IN CONJUNCTION WITH THE ENTIRE SET OF WORKING DRAWINGS. DO NOT REMOVE OR DEMOLISH ANYTHING WITHOUT VERIFYING FIELD CONDITIONS WITH ALL TRADES TO ENSURE PRE-EXISTING CONDITIONS AFFECTS THE OVERALL PROPOSED RENOVATIONS. COORDINATE ALL DISCREPANCIES WITH TENANT'S PROJECT MANAGER, ARCHITECT OR ENGINEER. ITEMS IN QUESTIONS SHALL BE SUBMITTED AS REQUEST FOR INFORMATION "RFI" FOR CLARIFICATION, PRIOR TO PROCEEDING.~~
D. 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.
E. REFER TO MECHANICAL, ELECTRICAL, PLUMBING AND/OR SPRINKLER DRAWINGS FOR ANY ADDITIONAL DEMOLITION NOTES.
F. EXISTING EXPOSED CONCRETE THROUGHOUT. CAP EXISTING MECHANICAL, PLUMBING AND ELECTRICAL SERVICES FLUSH WITH EXISTING SLAB AS REQUIRED, TYPICAL THROUGHOUT; REFER TO RESPONSIBILITY SCHEDULE FOR FLOORING PREPARATION.
G. AT THE G.C.'S OPTION, DEMOLISH 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 ESSILOR LUXOTTICA'S (EL) PROJECT MANAGER'S APPROVAL.
H. COORDINATE ANY SYSTEMS SHUTDOWNS WITH LANDLORD & INCLUDE COSTS OF SHUTDOWN IN THE BID.
I. 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.
J. IN ACCORDANCE WITH THE DRAWINGS, THOSE ITEMS WHICH ARE REMOVED, AND ARE NOT RELOCATED OR REUSED, SHALL BE DISPOSED OF BY THE G.C.
K. G.C. SHALL REMOVE EXISTING FINISHES FROM ALL EXISTING PARTITIONS TO REMAIN.
L. G.C. TO INSPECT ALL EXISTING WALLS TO REMAIN AND ENSURE THAT THEY ARE UP TO CURRENT SPECIFICATIONS AND BROUGHT TO A LEVEL 4 FINISH WHERE EXPOSED IN NEW LAYOUT.
M. REMOVE ALL INTERIOR GRAPHICS AND WAYFINDING, TYPICAL IN ALL AREAS.
N. ALL EXISTING AND NEW PENETRATIONS THROUGH RATED WALLS SHALL BE PROTECTED BY AN APPROVED FIRE STOP SYSTEM. COORDINATE MALL OPERATIONS MANAGER.
O. G.C. TO REPORT ACTUAL DIMENSIONS VS SHOWN DIMENSIONS TO EL PROJECT MANAGER PRIOR TO CONSTRUCTION LAYOUT.
P. G.C. SHALL REPAIR, AT THEIR OWN EXPENSE, ANY DAMAGE DONE TO THE TENANT'S AND LANDLORD'S PROPERTY, AND ANY OTHER PERSON OR PERSONS ON OR OFF THE PREMISES AS A RESULT OF THE G.C.'S WORK DEFINED HEREIN.
Q. G.C. SHALL VERIFY WITH MALL OPERATIONS MANAGER IF FLOOR X-RAYS OR SLAB SCANS ARE REQUIRED, PRIOR TO BID.
R. PATCH EXISTING CONCRETE AS REQUIRED. SEE DETAIL FOR SLAB POUR BACK DETAIL. ~~*NOT* INFILL EXISTING UNUSED CORE DRILL LOCATION USING CORE HOLE FILLING SYSTEM. HOLE MORE OR EQUAL.~~
S. DISCONNECT, REMOVE AND DISPOSE OF ALL EXISTING ELECTRICAL WIRING AND CONDUITS THAT ARE NO LONGER IN USE ABOVE CEILINGS. IT'S UNACCEPTABLE TO ABANDON THEM IN-PLACE.
T. G.C. TO COORDINATE THE TENANT PROVIDE AND INSTALLED TEMPORARY WINDOW GRAPHICS TO ACT AS CONSTRUCTION BARRICADE. COORDINATE REQUIREMENTS WITH LANDLORD.
U. ~~TEMPORARY BARRICADE:~~
   - ~~TEMPORARY BARRICADE SHALL BE CONSTRUCTED PER LANDLORD'S SPECIFICATIONS AND REQUIREMENTS.~~ ~~THE BARRICADE SHALL BE ENCLOSED AT TOP WITH 6 MIL MYETO OR THICKER PLASTIC AND DUST PROOF STAPLING. PROVIDE WALL DOOR PROVIDED PER LANDLORD'S REQUIREMENTS. LOCATE TEMPORARY CONSTRUCTION DOORS AND METAL STUD FRAME IN THE MIDDLE OF THE BARRICADE. CONSTRUCTION BARRICADE SHALL BE OF STUDS WITH PLATES, STACKED THIRD PAINTED GYPSUM BOARD TO THE PUBLIC SIDE. PAINT COLOR IS TO BE DETERMINED BY MALL MANAGEMENT. MALL GRAPHICS WILL BE INSTALLED BY LANDLORD AND THAT TO BE REMOVED BY CONTRACTOR AT PRE-CONSTRUCTION MEETING. BARRICADE SHALL EXTEND 36" CLEAR WITH BARRICADE FROM THE LEASE LINE.~~
   - ~~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 TENANT'S BARRICADE GRAPHICS 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.~~
   - G.C. IS RESPONSIBLE FOR MAINTAINING BARRICADE DURING CONSTRUCTION.
   - REMOVE BARRICADE WHEN 100% OF STOREFRONT OR JOB IS COMPLETED ON THE EVENING BEFORE G.C.'S PUNCH-LIST IS COMPLETED, PRIOR TO TENANT'S VERIFICATION, AND AFTER LANDLORD'S 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 PIER(S), MALL FLOORING & BULKHEAD TO A LIKE NEW CONDITION AND FINISH WHERE APPLICABLE.

(#) DEMO PLAN KEY NOTES

1. EXISTING TENANT'S STOREFRONT TO REMAIN AND PROTECT DURING CONSTRUCTION. G.C. TO CLEAN ALL TENANT'S STOREFRONT SURFACES. SEE STOREFRONT ELEVATION.
2. EXISTING ONE HOUR RATED / FULL HEIGHT TENANT SEPARATION PARTITION TO REMAIN (U.N.O). PATCH, AND REPAIR GYPSUM WALL WHERE PREVIOUS PENETRATION ABANDONED OR DAMAGE TO GYPSUM WALLBOARD.
3. REMOVE ALL EXISTING TENANT'S CERAMIC FLOOR TILE AND WALL BASE WITHIN THE EXISTING SALES AREA. PREP EXISTING SLAB FOR NEW FLOOR TILE.
4. REMOVE ALL EXISTING PERIMETER CASEWORK. DISCONNECT POWER TO CASEWORK. INSPECT TRACE AND TEST ELECTRIC CIRCUITS TO DETERMINE IF THE ELECTRICAL CIRCUITS CAN REUSED FOR THE NEW PERIMETER MILLWORK. SEE ELECTRICAL DRAWINGS.
5. EXISTING WALL CONSTRUCTION TO REMAIN. PATCH AND REPAIR TO RECEIVE LEVEL 4 GWB FINISH.
6. REMOVE EXISTING CASHDESK AND POS SYSTEM.
7. EXISTING DOOR, DOOR FRAME, DOOR HARDWARE AND WALL CONSTRUCTION TO REMAIN. SEE CONSTRUCTION PLAN.
8. REMOVE EXISTING DISPLAY FIXTURES, AND MILLWORK.
9. REMOVE AND DISCONNECT MARKETING VIDEO DISPLAY IN STOREFRONT WINDOW.
10. REMOVE EXISTING PARTITION. SEE CONSTRUCTION PLAN.
11. REMOVE AND DISCARD THE EXISTING DOOR, DOOR FRAME & DOOR HARDWARE. SEE CONSTRUCTION PLAN.
12. EXISTING LOCATION OF ELECTRICAL PANEL TO REMAIN. SEE ELECTRICAL DRAWINGS.
13. EXISTING TELEPHONE RACK TO REMAIN. SEE INTERIOR ELEVATIONS.
14. REMOVE AND DISCARD EXISTING FIRE EXTINGUISHER.
15. EXISTING MICROWAVE, REFRIGERATOR AND SAFE TO REMAIN.
16. REMOVE ALL EXISTING FLOOR AND WALL BASE.
17. REMOVE EXISTING SECURITY KEY PAD AND WIRING BACK TO SOURCE. REFER TO CEILING DEMOLITION PLAN FOR ASSOCIATED EQUIPMENT TO BE REMOVED. G.C. TO WORK WITH TENANT'S PM AND SECURITY VENDOR FOR THE NEW REQUIRE EQUIPMENT.
18. ~~PATCH, REPAIR & PREPARE WALL PARTITIONS TO BE REPAINTED.~~
19. REMOVE AND REPLACE EXISTING WATER CLOSET WITH A NEW ONE. SEE CONSTRUCTION PLAN, TOILET ROOM DETAILS & PLUMBING DRAWINGS.
20. EXISTING LAVATORY, WATER LINE, SANITARY LINE AND TRAP TO BE RELOCATED, SHOULD BE COMPLIANT WITH ACCESSIBILITY REQUIREMENTS. REPLACE THE EXISTING LAVATORY WITH A NEW ONE. SEE CONSTRUCTION PLAN, TOILET ROOM DETAILS AND PLUMBING DRAWINGS.
21. DICONNECT, REMOVE & DISCARD EXISTING INSTANTANEOUS WATER HEATER.
22. REMOVE ALL EXISTING TOILET ROOM PLUMBING FIXTURES & ACCESSORIES (I.E. WATER CLOSET, LAVATORY, GRAB BARS, TOILET PAPER DISPENSER, MIRROR, MOP HOLDER). SEE CONSTRUCTION PLAN, TOILET ROOM DETAILS & PLUMBING DRAWINGS.
23. OVERHEAD SHELVING TO REMAIN.
24. MOTORIZED SECURITY SHUTTERS TO REMAIN.
25. MANUAL SECURITY SHUTTER TO REMAIN.
26. RELOCATE THE SWITCH TO OPERATE MOTORIZED SECURITY SHUTTERS, SEE ELECTRICAL DRAWINGS.

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Construction for:

sunglass hut
A Brand of EssilorLuxottica

Revisions:

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EssilorLuxottica CDS Layout No.:
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EssilorLuxottica Reference Set No.:
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EssilorLuxottica Project Number: 101057

Brand Design Type:
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☐ 100% FINAL ☐ BULLETIN
☐ ADDENDUM

Sheet Name:
DEMOLITION PLAN

Date: 8/29/2025
Drawn By: STAFF
Checked By: STAFF
Sheet: AD100

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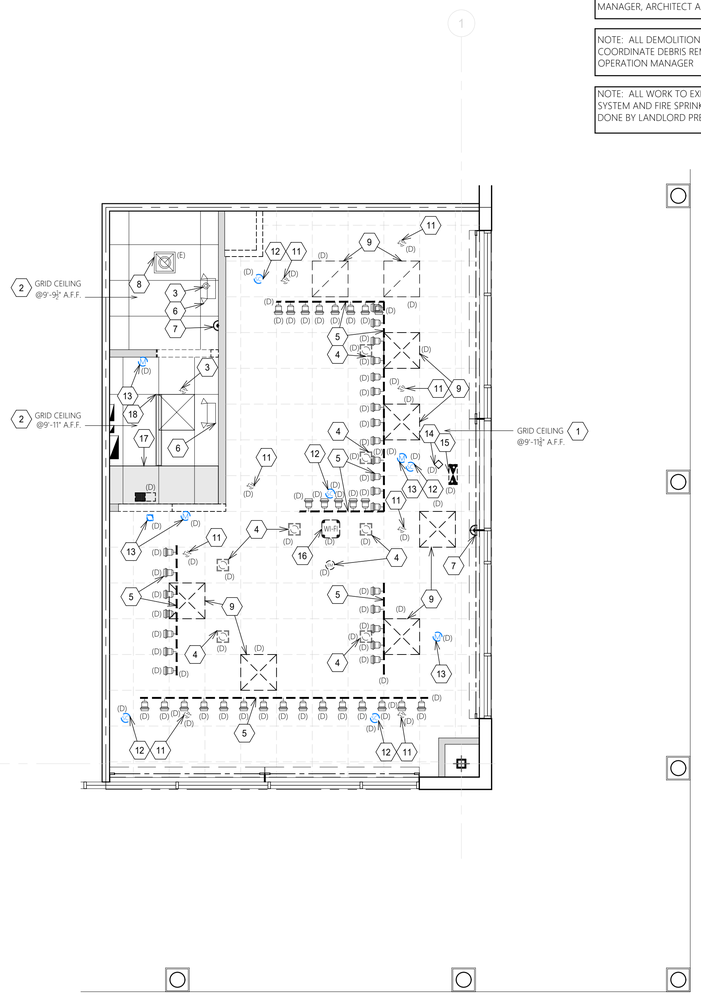

DEMOLITION CEILING PLAN

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

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DEMO. CLNG. PLAN LEGEND

(D) - DENOTES REMOVE / DEMO
(E) - DENOTES EXISTING TO REMAIN
(R) - DENOTES TO REUSE AND RELOCATE
* NOTE NOT ALL SYMBOLS MAY BE USED

	LEASE LINE
(D)	REMOVE EXISTING RECESSED CEILING LIGHT FIXTURE
(D)	REMOVE EXISTING TRACK AND LIGHT HEADS
(D)	REMOVE EXISTING WALL-MOUNTED EMERGENCY LIGHT FIXTURE
(D)	REMOVE AND REPLACE EXISTING CEILING MOUNTED EXIT SIGN
(D)	REMOVE AND REPLACE EXISTING WALL MOUNTED EXIT SIGN WITH EMEMERGENCY LIGHT & BATTERY BACK-UP
	REMOVE EXISTING SUSPENDED MARKETING GRID
(D)	REMOVE EXISTING SECURITY CAMERA
(E)	EXISTING CEILING OUTLET
(D)	REMOVE AND REPLACE EXISTING 2 x 2 RETURN AIR GRILLE
(D)	REMOVE AND REPLACE EXISTING 2 x 2 SUPPLY AIR GRILLE
(E)	LOCATION OF EXISTING EXHAUST FAN
(E)	LOCATION OF EXISTING SPRINKLER HEAD TO REMAIN
(D)	DISCONNECT / REMOVE / DISPOSE OF CEILING MOUNTED SPEAKER, SPEAKER AND SOUND SYSTEM
(D)	DISCONNECT / REMOVE EXISTING CEILING-MOUNTED TRAFFIC COUNTER, REFER ELECTRICAL DWGS FOR ADDITIONAL SCOPE OF WORK
(E)	LOCATION OF FIRE ALARM DEVICE TO REMAIN

NOTE: NOT ALL CONDITIONS ARE SHOWN. G.C. IS VERIFY ALL EXISTING ALL CONDITIONS PRIOR TO START OF DEMOLITION. COORDINATE ANY DISCREPANCIES WITH TENANT'S PROJECT MANAGER, ARCHITECT AND ENGINEER.

NOTE: ALL DEMOLITION WORK BY TENANT. COORDINATE DEBRIS REMOVAL WITH MALL OPERATION MANAGER

NOTE: ALL WORK TO EXISTING FIRE ALARM SYSTEM AND FIRE SPRINKLER SYSTEM MUST BE DONE BY LANDLORD PREFERRED CONTRACTOR.

DEMOLITION KEY NOTES

1. REMOVE AND DISPOSE EXISTING CEILING IN THE SALES AREA.
2. EXISTING ACOUSTICAL CEILING TO REMAIN. PREPARE TO RECEIVE NEW FINISHES
3. EXISTING FULLY RECESSED SPRINKLER HEAD WITH ESCUTCHEON COVER PLATE TO REMAIN.
4. DISCONNECT REMOVE & DISCARD CEILING LIGHTS.
5. DISCONNECT, REMOVE & DISCARD ALL EXISTING TRACK, TRACK LIGHT HEADS AND RECESSED CAN LIGHTS WITHIN THE SALES AREA. REMOVE ALL ABANDON WIRING BACK TO SOURCE. SEE REFLECTED CEILING AND LIGHTING PLAN FOR NEW NEW LIGHTS AND CONFIGURATION.
6. EXISTING EMERGENCY LIGHT/EXIT SIGN TO REMAIN.
7. EXISTING WALL MOUNTED AUDIO VISUAL FIRE ALARM DEVICE TO REMAIN.
8. EXISTING EXHAUST FAN/LIGHT TO REMAIN.
9. REMOVE EXISTING SUPPLY AIR DIFFUSERS AND RETURN AIR GRILLE IN SALES AREA, SEE REFLECTED CEILING PLAN AND HVAC DRAWINGS.
10. EXISTING SUPPLY AIR DIFFUSERS AND RETURN AIR GRILLE IN BOH TO REMAIN, SEE REFLECTED CEILING PLAN AND HVAC DRAWINGS.
11. SPRINKLER HEAD TO BE REMOVED AND REPLACED WITH NEW FULLY CONCEALED HEAD AND COVERPLATE, SEE REFLECTED CEILING PLAN.
12. DISCONNECT, REMOVE & DISPOSE OF SECURITY CAMERAS AND WIRING.
13. REMOVE SECURITY SYSTEM MOTION SENSOR AND ASSOCIATED WIRING BACK TO SOURCE.
14. DISCONNECT, REMOVE & DISCARD TRAFFIC COUNTER DEVICE. REUSE EXISTING WIRING WHERE POSSIBLE. SEE REFLECTED CEILING PLAN AND ELECTRICAL DRAWINGS.
15. DISCONNECT, REMOVE AND DISCARD EXISTING EXIT SIGN.
16. DISCONNECT, REMOVE & DISCARD EXISTING WI-FI DEVICE. REMOVE ALL ABANDON WIRING BACK TO SOURCE. NEW WI-FI DEVICE AND WIRING IS TO BE PROVIDED. SEE REFLECTED CEILING PLAN AND ELECTRICAL DRAWINGS.
17. SHADED AREA REPRESENT APPROXIMATE EXTENTS OF EXISTING CEILING GRID TO BE REWORK FOR THE NEW WALL AND CEILING CONFIGURATION. G.C. TO INSTALL NEW GRID AND TILE TO MATCH EXISTING.
18. EXISTING LIGHT FIXTURE TO REMAIN.

LANDLORD'S DEMOLITION NOTES

1. ANY EXISTING EQUIPMENT OR COMPONENT IN OR PERTAINING TO THE PREMISES THAT IS BEING ABANDONED MUST BE DEMOLISHED COMPLETELY AND PROPERLY REMOVED FROM THE PREMISES.
2. ALL ABOVE GROUND UTILITY LINES NOT TO BE RE-USED MUST BE REMOVED TO POINT OF ORIGIN. ALL UNDER SLAB UTILITY LINES TO BE CUT, CAPPED AND SEALED PER CODE.
3. ALL ROOF MOUNTED EQUIPMENT ABOVE THE LEASED PREMISES NOT TO BE RE-USED MUST BE REMOVED BY TENANT GC AT TENANT EXPENSE. ROOF MUST BE PROPERLY PATCH BY MALL REQUIRED ROOFER. ROOF CURBS MUST BE REMOVED AND ROOF PATCHED - DO NOT CAP. COORDINATE ALL WORK WITH MALL OPERATIONS DIRECTOR.
4. SLAB REQUIREMENTS. TENANT'S GENERAL CONTRACTOR SHALL ADVISE THE OPERATION TEAM PRIOR TO ANY SLAB MODIFICATIONS OR REMOVAL. TENANT GC SHALL VERIFY THAT WORK SHALL NOT CONFLICT WITH ANY EXISTING, STRUCTURAL, UTILITY, OR OTHER UNDER-SLAB CONDITION.(NON DESTRUCTIVE VERIFICATION MAY BE REQUIRED) ANY DAMAGE OR DOWNTIME CAUSED BY TENANT'S WORK SHALL BE REPAIRED AND REIMBURSED AT TENANT'S EXPENSE.
5. TENANT'S CONSTRUCTION WORK IS TO BE PERFORMED INSIDE THE DEMISED SPACE, AND CONTRACTOR ENTRY INTO THE DEMISED SPACE DURING CONSTRUCTION IS TO BE ONLY THROUGH THE REAR DOOR UNLESS ALTERNATE MEANS ARE APPROVED BY PROPERTY MANAGEMENT.
6. IDENTIFY ALL WIRING, CONDUITS, PIPING OR OTHER ITEMS IN THE ABOVE CEILING SPACE PRIOR TO REMOVING IT. ANY DAMAGE OR INTERRUPTION OF SERVICES TO FIRE ALARM OR OTHER BUILDING MONITORING SYSTEMS SHALL BE REPAIRED AND CHARGE TO THE TENANT G.C..

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sunglass hut
A Brand of EssilorLuxottica

Revisions:

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EssilorLuxottica CDS Layout No.:
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☐ ADDENDUM

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Drawn By STAFF
Checked By STAFF

Sheet AD101

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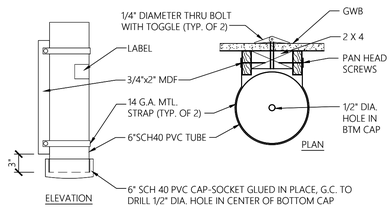
PROVIDE KNOB PULL ON TOP CAP TO EASE THE REMOVING OF THE CAP, OR AS COORDINATED WITH PROJECT MANAGER.

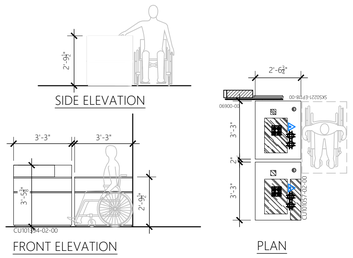
6" SCH 40 FLAT STYLE TOP SOCKET END



NOTE:
UPON COMPLETION OF PROJECT, GENERAL CONTRACTOR MUST RUN A NEW PRINT SET OF THE AS-BUILT STORE DRAWINGS (ALL APPLICABLE TRADES) AND PLACE PRINTS INTO THE PLAN TUBE HOLDER. LABEL (W/ CLEAR TAPE) STATING: "THIS TUBE CONTAINS STORE DRAWINGS AND IS NOT TO BE REMOVED WITHOUT THE CONSENT OF THE STORE MANAGER". TENANT G.C. TO SUPPLY AND INSTALL DRAWING TUBE ASSEMBLY WHERE INDICATED ON PLANS OR AS DIRECTED BY THE PROJECT MANAGER

2 DRAWING STORAGE TUBE DETAIL

SCALE: 1" = 1'-0"



1 CASHDESK FIXTURE DETAIL

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

TARGET FACINGS		
BRAND	TARGET FACINGS	ACTUAL FACINGS
RAYBAN	220	160
SUN	800	616
TOTAL	1020	776

MANUAL TAKEOFF ITEMS			
CODE	DESCRIPTION	QUANTITY	UOM
SGH-06850-01	HARDWARE KIT (1 REQUIRED PER STORE)	1	PCS
TBD	PROP KIT-LOGOS (1 REQUIRED PER STORE)	1	PCS

SGH MANUAL TAKE-OFF ITEMS BLOCK - REV 15a

SKIN EASY CONCEPT CAPACITY CHART				
FIXTURE CODE	FIXTURE DESCRIPTION	FACINGS	QUANTITY	TOTAL
06510-01	FREESTANDING SEE THROUGH SINGLE	20	8	160
SKS1621-LM118-00 SKS1621-RM118-00 SKS1621-FM118-00	WALL UNIT 16 END LEFT WALL UNIT 16 END RIGHT WALL UNIT 16 END FULL	20	3	60
SKS3221-LM118-00 SKS3221-RM118-00 SKS3221-FM118-00	WALL UNIT 32 END LEFT WALL UNIT 32 END RIGHT WALL UNIT 32 END FULL	40	9	360
SKS4821-LM118-00 SKS4821-RM118-00 SKS4821-FM118-00	WALL UNIT 48 END LEFT WALL UNIT 48 END RIGHT WALL UNIT 48 END FULL	60	0	0
SGH-06363-00 PRP-SHOWCASE-01	SHOWCASE TABLE 160 w/STOCK BZMR+BRASS SET UP PROP	36	1	36
	TOTAL			**616**

RAYBAN CAPACITY CHART				
FIXTURE CODE	FIXTURE DESCRIPTION	FACINGS	QUANTITY	TOTAL
06510-01	FREESTANDING SEE THROUGH SINGLE	20	8	160
SKS1621-LM118-00 SKS1621-RM118-00 SKS1621-FM118-00	WALL UNIT 16 END LEFT WALL UNIT 16 END RIGHT WALL UNIT 16 END FULL	20	0	0
SKS3221-LM118-00 SKS3221-RM118-00 SKS3221-FM118-00	WALL UNIT 32 RB END LEFT WALL UNIT 32 RB END RIGHT WALL UNIT 33 RB END FULL	40	0	0
	TOTAL			**160**
	TOTAL			**776**

FIXTURE PLAN GENERAL NOTES

A. NEW STOREFRONT SIGN PROVIDED BY TENANT'S SIGN CONTRACTOR . SIGNS TO COMPLY WITH LOCAL SIGN CODES. TENANT'S SIGN CONTRACTOR TO PROVIDE SHOP DRAWINGS TO LANDLORD FOR APPROVAL.
B. ALL DIMENSIONS ARE TO FACE OF GYP. BD. UNLESS NOTED OTHERWISE ON PLANS.
C. 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.
D. G.C. TO ENSURE FIXTURES ARE PROTECTED DURING CONSTRUCTION.
E. G.C. TO PROVIDE ADEQUATE BRACING, AS REQUIRED, TO SUPPORT WALL CABINETS AND FIXTURES.
F. G.C. TO SIGN FOR PACKAGES WITH A NOTE "SUBJECT TO CONCEALED DAMAGES" ON IT.
G. FOLLOW ALL MANUFACTURERS INSTALLATION AND MAINTENANCE INSTRUCTIONS.
H. 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.

1-SGH-A100-REV0

FIXTURE PLAN KEY NOTES

1. INSTALL SIGNS AND GRAPHICS PACKAGE ITEMS AS INDICATED; REFER TO RESPONSIBILITY SCHEDULE ON G002. REFER TO G002 SIGNS ACCESSIBILITY, INTERIOR AND STOREFRONT ELEVATIONS FOR MOUNTING DIMENSIONS AS APPLICABLE. REQUEST SIGNS AND GRAPHICS STANDARD FROM TENANT'S PROJECT MANAGER
2. COAT HOOKS AT 48" AND 72" TO CENTERLINE OF HOOKS. SEE ELEVATIONS FOR LOCATION DIMENSIONS.
3. 2A-10BC FIRE EXTINGUISHER AS DIRECTED BY THE FIRE MARSHAL. (SUGGESTED LOCATIONS AND QUANTITIES ON PLAN.) SEE SHEET G008 FOR MORE INFORMATION.
4. ~~EXISTING STOCKROOM SHELVING~~
5. G.C. TO PROVIDE IN WALL BLOCKING FOR MONITOR/SHROUD SUPPORT. SEE INTERIOR ELEVATIONS.
6. CONTRACTOR TO ENSURE SAFE IS SECURELY BOLTED TO FLOOR AND IN PROPER WORKING ORDER.
7. G.C. TO PROVIDE CONTINUOUS IN-WALL BLOCKING FOR PERIMETER WALL FIXTURES. SEE CONSTRUCTION PLAN AND SECTIONS.
8. LED MONITOR, SEE SHEET A402 FOR INSTALLATION DETAILS. SEE ELECTRICAL SHEETS FOR REQUIRED ELECTRICAL INFORMATION.
9. INSTALL NEW TOILET ROOM ACCESSORIES. REVIEW THE ENLARGED TOILET ROOM PLANS, DETAILS AND ELEVATIONS ON SHEET A201.
10. ACCESSIBLE COUNTER TO COMPLY WITH FEDERAL, STATE, & LOCAL CODES. SEE DETAILS ON THIS SHEET.
11. INSTALL WALL FIXTURES SEQUENTIALLY STARTING AT THIS POINT. FIELD VERIFY LENGTH OF WALL REQUIRED FOR FIXTURES, PRIOR TO INSTALLATION. REPORT TO ANY DISCREPANCIES TO THE TENANT'S PROJECT MANAGER. COORDINATE WITH ELECTRICAL DRAWINGS FOR ELECTRICAL REQUIREMENT OF FIXTURES.
12. ~~EXISTING ALL GENDER ACCESSIBILITY SIGN TO REMAIN.~~
13. ~~LED MONITOR IS TO BE INSTALLED WITHIN TENANT'S PROVIDED CASEWORK. REFER TO ELECTRICAL DRAWINGS AND MILLWORK SHOP DRAWINGS FOR DIRECTION OF INSTALLING POWER AND DATA REQUIREMENTS.~~
14. TOUCH SCREEN "SMART SHOPPER" MONITOR IS TO BE INSTALLED WITHIN TENANT'S PROVIDED MILLWORK. REFER TO ELECTRICAL DRAWINGS AND MILLWORK SHOP DRAWINGS FOR DIRECTION OF INSTALLING POWER AND DATA REQUIREMENTS.
15. DRAWING STORAGE TUBE - REFER TO DETAIL.
16. DATA RACKS ON ¾" FRT PLYWOOD BACKER BOARD; REFER TO ELECTRICAL DRAWINGS FOR DETAILS, POWER AND DATA REQUIREMENTS
17. TENANT SUPPLIED EMPLOYEE REFRIGERATOR AND MICROWAVE. INSTALLED BY G.C. SEE ELECTRICAL DRAWINGS FOR POWER AND DATA REQUIREMENTS.

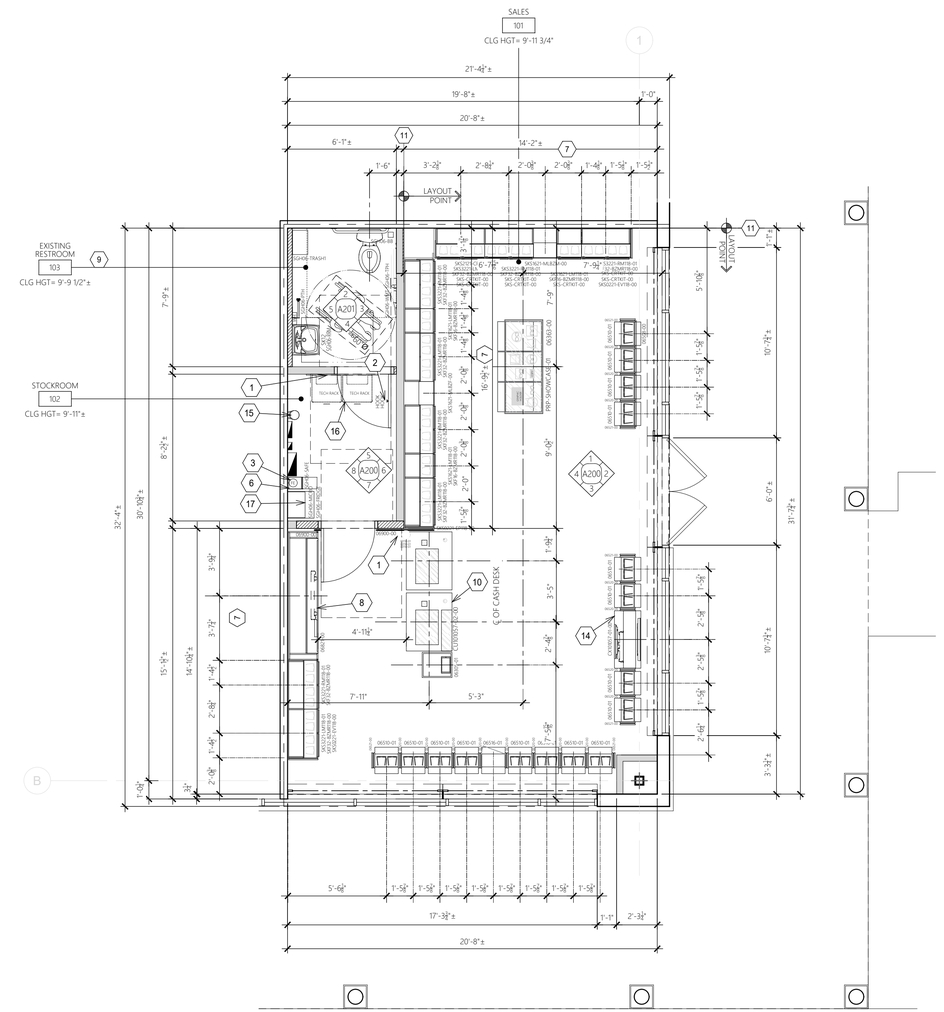
LANDLORD FIXTURE PLAN NOTES

DISPLAY FIXTURES, RACKS, SHELVING, AND STORAGE UNIT REQUIREMENTS:

1. TENANT SHALL BE SOLELY RESPONSIBLE FOR THE DESIGN, INSTALLATION, AND USE OF ANY DISPLAY OR STORAGE SYSTEM(S) WITHIN THE PREMISE INCLUDING ALL COMPLIANCE WITH APPLICABLE BUILDING CODES, FIRE CODES AND THE REQUIREMENTS OF ANY INSURANCE RATING BUREAUS, IF ANYTHING DONE, OMITTED TO BE DONE OR SUFFERED TO BE DONE BY TENANT IN, UPON OR ABOUT THE PREMISES IN REGARD TO SUCH DISPLAY OR STORAGE SYSTEM(S) SHALL RESULT IN A FIRE CODE VIOLATION(S) AND THE TENANT FAILS TO TAKE CORRECTIVE ACTION AND/OR PAY THE ASSOCIATED FINE, REGARDLESS OF WHETHER ASSESSED AGAINST TENANT OR LANDLORD, WITHIN THE PRESCRIBED TIME PERIOD, THEN TENANT SHALL BE LIABLE FOR ALL COSTS AND EXPENSES RESULTING FROM SUCH VIOLATION(S) AND LANDLORD SHALL HAVE THE RIGHT TO CORRECT ANY SUCH CONDITION(S) AT TENANT'S EXPENSE.
2. TENANT DISPLAY FIXTURE IN THE RETAIL SPACE AND RACK/SHELVING/ STORAGE UNITS IN THE STOCK ROOM SHALL BE DESIGNED TO PROVIDE ADEQUATE CLEARANCE FOR THE AUTOMATIC (FIRE) SPRINKLER SYSTEM.
3. ALL FREESTANDING STOREFRONT DISPLAY FIXTURES, MANNEQUINS, ETC. MUST BE A MINIMUM OF 18" FROM THE STOREFRONT GLASS AND MOVABLE FOR CLEANING AND MAINTENANCE PURPOSES. MANNEQUINS DISPLAYED MUST BE MOVABLE AND NOT PERMANENTLY MOUNTED.
4. TENANT DISPLAY FIXTURES IN THE RETAIL SPACE AND RACK / SHELVING / STORAGE UNITS IN THE STOCKROOM SHALL BE DESIGNED TO PROVIDE ADEQUATE CLEARANCE FOR THE AUTOMATIC FIRE SPRINKLER SYSTEM.
5. TENANT MOBILE/ COMPACT STORAGE SYSTEMS SHALL BE CONSTRUCTED OF WIRE MESH SHELVES. HOWEVER, IF CONSTRUCTED WITH SOLID SHELVES (WOOD OR STEEL), THE THE UNITS SHALL BE INSTALLED WITH A MINIMUM OF A 3" SPACER TO PROVIDE SPACE BETWEEN UNITS AT MAXIMUM 5'-0" INTERVALS.
6. TENANT'S ARCHITECT AND GENERAL CONTRACTOR SHALL PROVIDE THE FOLLOWING INFORMATION TO THE MALL REQUIRED SPRINKLER CONTRACTOR REGARDING STOCK/STORAGE AREA:
   a. TYPE OF STORAGE SYSTEM(S). (INCLUDING DETAILS OF THE STORAGE SYSTEM(S).
   b. TYPE OF SHELVING. (WIRE MESH/ SOLID WOOD/ SOLID STEEL, ETC.)
   c. TYPE OF COMMODITIES. (PLASTICS, AEROSOL'S, CLOTHING, ETC.)
   d. ELEVATION OF HIGHEST SHELF/CEILING HEIGHT.
6. LANDLORD STRONGLY PREFERS USE OF ENERGY STAR PRODUCTS AND/OR EQUIPMENT WHENEVER POSSIBLE DURING TENANT BUILD OUT, WHICH CAN REDUCE ENERGY CONSUMPTION.

LED SIGNAGE:
NOTWITHSTANDING ANYTHING CONTAINED IN THE LEASE TO THE CONTRARY, TENANT MAY INSTALL LED DISPLAY SCREEN(S) WITHIN PREMISES PER LANDLORD'S APPROVAL WITHIN THE "DESIGN CONTROL ZONE" AS NOTED PER THIS DRAWING REVIEW.

- LED SCREEN(S) SHALL NOT BE INTERACTIVE AND CONTAIN NO AUDIBLE FEATURES, CONTAINING NO EXCESSIVELY BRIGHT OR FLASHING LIGHTS AND/OR CONTENT AND SHALL MEET ALL STANDARDS FOR PUBLIC DISPLAYS.
- LED SCREEN(S) SHALL BE INSTALLED PER MANUFACTURERS & UL REQUIREMENTS AND BE COSMETICALLY AND COHESIVELY INCORPORATED INTO THE OVERALL DESIGN AND CONSTRUCTION OF THE PREMISES.
- ALL CONTENT SHOWN ON SUCH LED SCREEN(S) OS RELATED TO THE CONDUCT OF TENANT'S BUSINESS IN THE PREMISES, DOES NOT ADVERTISE ANY PRODUCTS OR SERVICES OTHER THAN OTHER THAN THOSE OF TENANT, IN KEEPING WITH THE GENERAL CHARACTER AND QUALITY STANDARDS OF A FIRST CLASS SHOPPING CENTER AND SHALL BE "G" RATED.
- TENANT SHALL NOT USE SUCH SCREENS TO BROADCAST ANY COMMERCIAL TELEVISION PRODUCTIONS, SPORTS EVENTS, CINEMATIC THEATRE PRODUCTION OR OTHER MOTION PICTURE PRESENTATIONS, UNLESS APPROVED BY LANDLORD, NOT TO BE UNREASONABLE WITHHELD.
- IF AT ANY TIME THE LED SCREEN(S) ARE NOT OPERATIONAL, AND/OR IF TENANT DISCONTINUES UTILIZATION OF SCREEN(S), TENANT SHALL PROMPTLY REPAIR OR REMOVED WITHIN 72 HOURS.



FIXTURE PLAN

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

Z:\SUNGLASS-HUT\119-101057-4728 Leesburg Premium Outlets-Leesburg VA\03_Documents\00_Current\009 101057 -A100 Fixture Plan.dwg A100 8/29/25 T.Jewell

DESIGN & CONSTRUCTION MANAGEMENT:

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NORTH AMERICA STORE DEVELOPMENT
1 West 37th Street New York, NY 10018
+1 212 302 1200

STORE #4728
LEESBURG PREMIUM OUTLETS
241 FORT EVANS RD, NE #605
LEESBURG, VA 20176

Construction for:

sunglass hut
A Brand of EssilorLuxottica

Revisions:

Mark	Date	By
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△		
△		

Architect / Engineer of Record

LINO PICINIC
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TENAFLY, NJ 07670

Seal

Architect / Engineer Job No.:
SGH-124

EssilorLuxottica CDS Layout No.:
DD-REV7

EssilorLuxottica Reference Set No.:
SGH06E

EssilorLuxottica Project Number 101057

Brand Design Type:
SGH06E

ISSUED FOR:
☐ 100% PRELIM ☐ CONSTRUCTION
☐ 100% FINAL ☐ BULLETIN
☐ ADDENDUM

Sheet Name:
FIXTURE PLAN

Date 8/29/2025
Drawn By STAFF
Checked By STAFF

Sheet A100

LANDLORD NOTES:

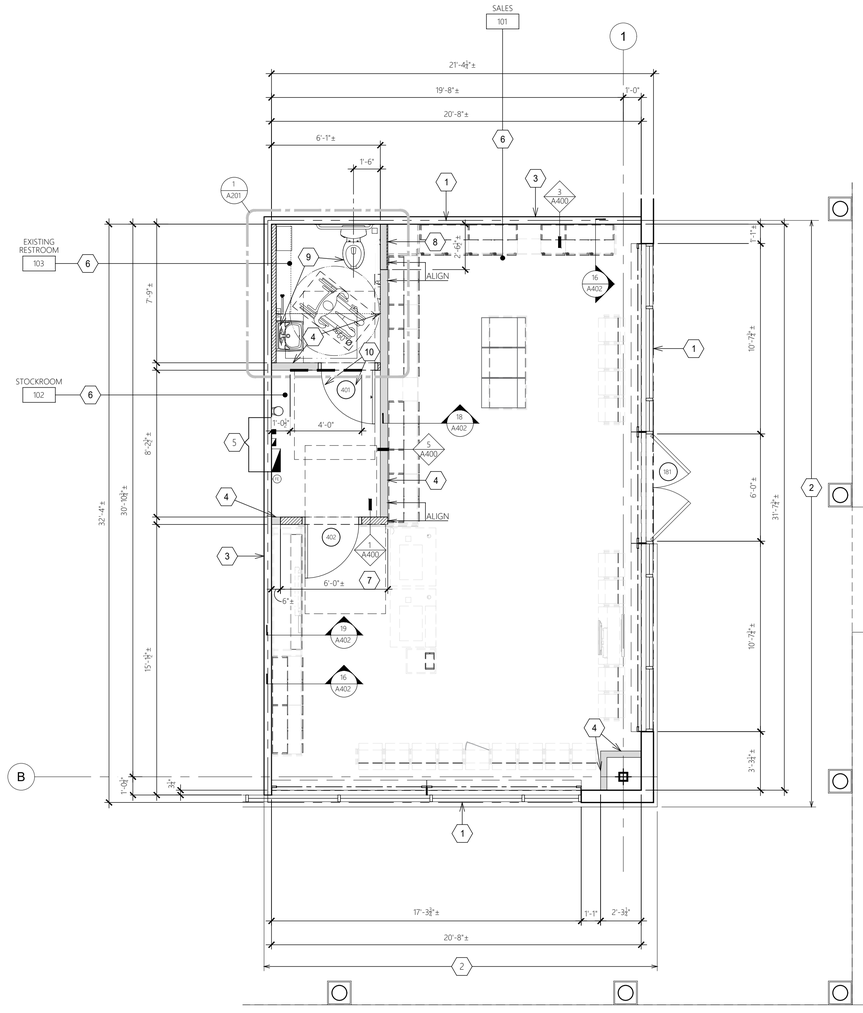
1. TENANT IS RESPONSIBLE TO FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN THE SPACE. FAILURE TO PROPERLY FIELD VERIFY EXISTING CONDITIONS DOES NOT RELIEVE THE TENANT OF ANY EXPENSES OR RESPONSIBILITIES RESULTING FROM THAT FAILURE.
2. NOTHING IS PERMITTED TO BE ATTACHED TO, SUSPENDED FROM, OR PENETRATE LANDLORD'S STRUCTURE, FLOOR DECK, OR ROOF DECK. YOU MAY ATTACH, NON DESTRUCTIVELY TO OR SUSPEND FROM THE TOP CHORD OF THE JOIST OR THE STRUCTURAL STEEL WHICH EXISTS ABOVE THE TENANT SPACE. WHEN ATTACHING TO LANDLORD'S STRUCTURE, DO NOT DRILL, WELD, SCREW, OR SHOOT INTO STRUCTURE. ALTERNATIVE METHODS OF ATTACHMENT ONLY; NOTHING TO DAMAGE LANDLORD'S BASE BUILDING STRUCTURE. TENANT SHALL PROVIDE SIGNED AND SEALED DRAWINGS, BY A STRUCTURAL ENGINEER WITH LEGALLY ACTIVE REGISTRATION AS INDICATED BY ALL JURISDICTIONAL REQUIREMENTS, FOR ALL STRUCTURAL MODIFICATIONS FOR LANDLORD RECORDS.
3. STRUCTURAL REINFORCING DETAILS MUST BE PROVIDED BY A REGISTERED STRUCTURAL ENGINEER TO TENANT COORDINATION FOR EQUIPMENT SUPPORT OR SUSPENSION, SERVICE PLATFORMS, DECK PENETRATIONS, ETC.
4. ANY LANDLORD EQUIPMENT, COMPONENT, AND/OR SERVICE FEEDING OTHER TENANT(S) THAT IS EXISTING IN THE SPACE MUST REMAIN VISIBLE AND ACCESSIBLE TO THE LANDLORD. TENANT SHALL INSTALL ACCESS PANELS AS REQUIRED TO MAINTAIN ACCESS. ACCESS PANELS SHALL BE LABELED TO PROPERTY IDENTIFY SYSTEM, COORDINATE WITH MALL OPERATIONS.
5. ALL CONCRETE PATCHING MUST BE LEVEL WITH THE EXISTING CONCRETE FLOOR.
6. TENANT IS REQUIRED TO INSTALL A WATERPROOF MEMBRANE IN ALL WET AREAS (RESTROOMS, KITCHENS, FOOD SERVICES, ETC..) OF THE SPACE. TENANT SHALL USE A 30MIL POLYTHENE CLEAVAGE MEMBRANE (EQUAL TO NOBLE SEAL TS) INSTALLED PER MANUFACTURERS RECOMMENDATIONS AND ANSI A 108. MEMBRANE MUST BE EXTENDED UP THE WALL A MINIMUM OF 6" OR EQUAL TO THE HEIGHT OF THE FLOOR BASE.
7. LANDLORD WILL NOT APPROVE THE INSTALLATION OF ANY GYPSUM BOARD OR DRYWALL APPLIED TO THE INSIDE FACE OF STOREFRONT WINDOWS, NOR INTERIOR WALLS WALLS, FRAMING, PERMANENT FIXTURS OR OTHER TYPES OF PANELS PLACED IMMEDIATELY BEHIND TO EXISTING STOREFRONT WINDOWS.

TENANT LIGHT BOXES / LED SCREENS / MONITORS:
IN THE STOREFRONT WINDOWS MUST MEET THE FOLLOWING CRITERIA:

1. SUCH SCREENS MUST NOT BE INTERACTIVE, CONTAIN NO AUDIBLE FEATURES AND CONTAIN NO EXCESSIVELY BRIGHT OR FLASHING LIGHTS AND SHALL OPERATE ONLY DURING PERIOD WHEN THE PREMISES IS OPEN OF BUSINESS.
2. SUCH SCREENS SHALL NOT EXCEED THE DIMENSION SET FORTH IN THE TENANT'S PLANS, AN SHALL BE BEHIND GLASS.
3. ALL CONTENT SHOWN ON THE SCREENS MUST BE RELATED TO THE CONDUCT OF THE TENANT'S BUSINESS IN THE PREMISES, DOES NOT ADVERTISE ANY PRODUCTS OR SERVICES OTHER THAN THOSE OF THE TENANT, AND IN KEEPING WITH THE GENERAL CHARACTER AND QUALITY STANDARDS OF A FIRST CLASS REGIONAL OUTLET CENTER.
4. TENANT SHALL NOT SUSE SUCH SCREENS TO BROADCAST ANY COMMERCIALS TELEVISION PRODUCTIONS, SPORTS EVENTS, CINEMATIC THEATER PRODUCTIONS OR OTHER MOTION PICTURE PRESENTATIONS, UNLESS APPROVED BY THE LANDLORD, NOT TO BE REASONABLY WITHHELD
5. TENANT SHALL PROMPTLY REMOVE ANY CONTENT THAT DOES NOT COMPLY WITH THE CONDITIONS OF THINS PARAGRAPH FOLLOWING NOTICE FROM THE LANDLORD.
6. ALL WIRING FOR THE LED SCREENS/MONITORS MUST NOT BE VISIBLE AND MUST BE DONE IN A CLEAN AND NEAT MANNER SUBJECT TO APPROVAL IN THE FIELD.
7. TENANT SHALL PROMPTLY REMOCVE ANY CONTENT THAT DOES NOT COMPLY WITH ANY OF THE CONDITIONS OF THIS PARAGRAPH FOLLOWING NOTICE FROM THE LANDLORD.

IMPORT NOTES REGARDING LIFESTYLE GRAPHICS.

1. TENANTS MUST DESIGN THEIR STORE LAYOUT ACCORDINGLY TO BE ABLE TO CHANGE OUT AND REPLACE ANY LANDLORD APPROVED STOREFRONT LIFESTYLE GRAPHICS DURING THE COURSE OF THE LEASE.
2. LANDLORD DOES NOT APPROVE INSTALLATION OF ANY INTERIOR WALLS, FRAMING, PERMANENT FIXTURES OR PANELS ADJACENT TO EXISTING STOREFRONT WINDOWS, NOR APPLICATION OF GYPSUM BOARD (DRYWALL) TO THE INSIDE FACE OF STOREFRONT WINDOWS.
3. ALL LANDLORD APPROVED STOREFRONT LIFESTYLE GRAPHICS MUST BE APPLIED TO SECOND SURFACE.
4. SHOULD TENANT'S LIFESTYLE GRAPHIC FILM BECOME FACED OR DAMAGED, TENANT MUST REPLACE FILM WITHIN A REASONABLE TIME PERIOD.
5. ALL FUTURE REPLACEMENT LIFESTYLE GRAPHICS ARE SUBJECTED TO LANDLORD'S REVIEW AND APPROVAL BEFORE INSTALLATION.
6. ALL STOREFRONT LIFESTYLE GRAPHICS MUST CONFORM TO LANDLORD'S STOREFRONT CRITERIA OBTAIN FROM HTTPS://BUSINESS.SIMON.COM/



CONSTRUCTION PLAN

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

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PLAN LEGEND

PARTITION LEGEND	DESCRIPTION
	LEASE LINE
	CENTERLINE
	EXISTING PARTITION
	NEW NON LOAD BEARING PARTITION
	NEW / EXISTING SOFFIT / BULKHEAD

SYMBOLS LEGEND

# = KEY NOTE - SEE SCHEDULE	
### = DOOR NO. — DOOR TYPE CALLOUT SEE DOOR SCHEDULE	3 A300 = DETAIL NO. = SHEET NO. — ELEVATION CALLOUT
3 A300 = DETAIL NO. = SHEET NO. — DETAIL CALLOUT	DOORS SHOWN FULLY OPEN TO 90° ARE CONSIDERED AS NEW DOORS, HARDWARE, JAMBS, ETC.
3 A300 = DETAIL NO. = SHEET NO. — SECTION CALLOUT	DOORS SHOWN PARTIALLY OPEN TO 45° ARE CONSIDERED AS EXISTING DOORS. SEE DOOR SCHEDULE FOR MORE INFO.
## ### = DETAIL NO. = SHEET NO. — WALL TYPE CALLOUT	

GENERAL NOTES

1. G.C. TO MAINTAIN ALL DIMENSIONS AS SPECIFIED. NOTIFY TENANT'S PROJECT MANAGER OF ANY DISCREPANCIES.
2. G.C. SHALL SUPPLY AND INSTALL BLOCKING 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.
3. REFER TO SPECIFICATIONS G003-G006
4. NO MATERIAL SUBSTITUTIONS WILL BE PERMITTED UNLESS SUBMITTED TO TENANT'S PROJECT MANAGER FOR REVIEW AND APPROVAL DURING BIDDING. SUBSTITUTIONS CALLED OUT IN SPECIFICATIONS AS BEING NEEDED TO BE NOTED AT TIME OF BID.
5. ALL MANUFACTURERS RECOMMENDED INSTALLATION AND MAINTENANCE PROCEDURES ARE TO BE FOLLOWED BY GENERAL CONTRACTOR ON THIS PROJECT.
6. GENERAL CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE TENANT'S PROJECT MANAGER LISTED AS SOON AS CONTRACTS ARE AWARDED TO COMMUNICATE DESIRED SCHEDULE DATES AND PROJECT INFORMATION.
7. GENERAL CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL UPCHARGES ASSOCIATED WITH THE DELAY OF ORDERING SPECIFIED PRODUCTS.
8. ANY QUESTIONS CONCERNING THESE SPECIFICATIONS SHALL BE DIRECTED TO THE ARCHITECT FOR DOCUMENT CLARIFICATION.
9. ALL TENANT FURNISHED ITEMS (MATERIAL AND LABOR) TO BE SCHEDULED, COORDINATED & SUPERVISED BY G.C..
10. THESE CONSTRUCTION DOCUMENTS ARE NOT TO BE SCALED. ALL DIMENSIONS ARE TO FACE OF GYP. BD. UNLESS NOTED OTHERWISE ON PLANS.
11. ALL NEW AND EXISTING GYP. WALL BOARD TO BE FINISH LEVEL 4. CEILING GYP. TO BE LEVEL 5 FINISH.

KEY NOTES

1. LEASE LINE: G.C. TO VERIFY ACTUAL MEASUREMENTS AND REPORT ANY DISCREPANCIES IMMEDIATELY.
2. EXISTING STOREFRONT CONSTRUCTION AND GLAZING SYSTEM TO REMAIN AS IS, PROTECT DURING CONSTRUCTION. SEE STOREFRONT ELEVATIONS ON SHEET A300
3. EXISTING TENANT SEPARATION PARTITION CONSTRUCTION TO REMAIN. PATCH AND REPAIR ALL ABANDONED PENETRATIONS. PREPARE ALL EXPOSED EXISTING GYP. BRD. SURFACES TO RECEIVE NEW FINISHES AS REQUIRED AND BRING TO A LEVEL 4 FINISH WHERE APPLICABLE.
4. EXISTING PARTITION TO REMAIN. G.C. TO PATCH/REPAIR AS REQUIRED TO BRING TO 'LIKE NEW' CONDITION, MAINTAIN REQUIRED FIRE RATING, WHERE APPLICABLE, AND BRING TO A LEVEL 4 FINISH (WHERE EXPOSED TO NEW LAYOUT), TYP.
5. EXISTING ELECTRICAL EQUIPMENT LOCATIONS. REFER TO ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.
6. CONCRETE MUST BE LEVEL AND CLEAN OF ANY FOREIGN MATERIALS PRIOR TO INSTALLING NEW FINISHED FLOORING. G.C. TO PERFORM CONCRETE MOISTURE VAPOR EMISSIONS TEST BEFORE INSTALLING ANY FLOORING - REFER TO SPECIFICATIONS FOR MOISTURE TEST PROCEDURES.
7. NEW INTERIOR PARTITION CONSTRUCTION
8. ADD NEW DRYWALL OVER THE EXISTING TO LEVEL WALLS IN SALES.
9. NEW WATER CLOSET, RELOCATED NEW LAVATORY AND NEW TOILET ROOM ACCESSORIES, SEE SHEET A201.
10. NEW TECH RACKS TO BE PLACED ABOVE DOOR ON NEW PLYWOOD MOUNTING BOARD REPRESENTED BY DASHED LINE, SEE ELECTRICAL SHEETS FOR DETAILS.

DESIGN & CONSTRUCTION MANAGEMENT:

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1 West 37th Street New York, NY 10018
+1 212.302.1200

STORE #4728
LEESBURG PREMIUM OUTLETS
241 FORT EVANS RD, NE #605
LEESBURG, VA 20176

Construction for:
sunglass hut
A Brand of EssilorLuxottica

Revisions:

Mark	Date	By
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Architect / Engineer of Record
LINO PICINIC
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TENAFLY, NJ 07670

Seal

Architect / Engineer Job No.: SGH-124
EssilorLuxottica CDS Layout No.: **DD-REV7**
EssilorLuxottica Reference Set No.: **SGH06E**
EssilorLuxottica Project Number: 101057
Brand Design Type: **SGH06E**

ISSUED FOR:
☐ 100% PRELIM ☐ CONSTRUCTION
☐ 100% FINAL ☐ BULLETIN
☐ ADDENDUM

Sheet Name: CONSTRUCTION PLAN

Date: 8/29/2025
Drawn By: STAFF
Checked By: STAFF
Sheet: A101

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REFLECTED CEILING PLAN LEGEND

(D) - DENOTES REMOVE / DEMO
(E) - DENOTES EXISTING TO REMAIN
(R) - DENOTES TO RELOCATED

NOTE: REFER TO ELECTRICAL / MECHANICAL DRAWINGS FOR A FULL DESCRIPTION AND SPECIFICATIONS OF THE LIGHT FIXTURES / DUCWORK / MECHANICAL EQUIPEMENT / GRILLES AND DIFFUSERS

SYMBOL	TYPE	DESCRIPTION
		LEASE LINE
(D)		EXISTING WALL-MOUNTED EXIT SIGN TO REMAIN. INSPECT EXIT SIGN IS GOOD WORKING ORDER, CLEAN AND REPLACE EXISTING LAMPS WITH NEW
(D)		EXISTING WALL-MOUNTED COMBINATION EXIT SIGN AND EMERGENCY LIGHT FIXTURE TO REMAIN. INSPECT EXIT SIGN /EMERGENCY LIGHT FIXTURE IS IN GOOD WORKING ORDER, CLEAN AND REPLACE EXISTING LAMPS AND BATTERY.
(E)		EXISTING SURFACE MOUNTED LIGHT FIXTURE TO REMAIN. INSPECT LIGHT FIXTURE IS IN GOOD WORKING ORDER, REPAIR, CLEAN FIXTURE AND REPLACE EXISTING LAMPS.
(E)		EXISTING WALL MOUNTED LIGHT FIXTURE TO REMAIN. INSPECT LIGHT FIXTURE IS IN GOOD WORKING ORDER, CLEAN FIXTURE AND REPLACE EXISTING LAMPS. REMOVE, DISCONNECT, SAVE AND RE-INSTALL AFTER NEW FINISHES ARE INSTALLED. COORDINATE WITH TENANT'S PM OF EXISTING CONDITION OF LIGHT FIXTURES TO DETERMINE IF FIXTURE IS SALVAGEABLE OR NEEDS TO BE REPLACE.
		NEW 2x2 LED PANEL LIGHT. PROVIDED BY G.C. - SEE ELECTRICAL DRAWING FOR LIGHT FIXTURE TYPE.

NEW LIGHT FIXTURES - SUPPLIED BY TENANT'S LIGHTING VENDOR

SYMBOL	TYPE	DESCRIPTION
	w1	RECESSSED BLACK LIGHT FIXTURE WITH 2 LED X 15" LAMPS - SEE LIGHT FIXTURE SCHEDULE IN THE ELECTRICAL DRAWINGS FOR LIGHT SPEC.
	w2	RECESSSED BLACK LIGHT FIXTURE WITH 2 LED X 24" LAMPS - SEE LIGHT FIXTURE SCHEDULE IN THE ELECTRICAL DRAWINGS FOR LIGHT SPEC.
	w3	RECESSSED BLACK LIGHT FIXTURE WITH 2 LED X 31" LAMPS - SEE LIGHT FIXTURE SCHEDULE IN THE ELECTRICAL DRAWINGS FOR LIGHT SPEC.
	r1	RECESSSED BLACK LIGHT FIXTURE WITH 1 LED X 20" LAMPS - SEE LIGHT FIXTURE SCHEDULE IN THE ELECTRICAL DRAWINGS FOR LIGHT SPEC.
	b0_	THREE CIRCUIT TRACK SYSTEM. b - NATURAL ALUMINUM G.C. TO COORDINATE THE LENGTH WITH SUPPLIER
	t0_	THREE CIRCUIT TRACK. t - TRACK COLOR BLACK G.C. TO COORDINATE THE LENGTH WITH SUPPLIER

SYMBOL	TYPE	DESCRIPTION
	e1	DIRECTIONAL BLACK TRACK HEAD WITH 15° LED LAMP
	f1	DIRECTIONAL TRACK HEAD WITH 15° SPOT LED LAMP
	f2	DIRECTIONAL TRACK HEAD WITH 25° SPOT LED LAMP
	f3	DIRECTIONAL TRACK HEAD WITH 33° SPOT LED LAMP
	i1	DIRECTIONAL BLACK TRACK HEAD WITH 15° SPOT LED LAMP
	i2	DIRECTIONAL BLACK TRACK HEAD WITH 24° SPOT LED LAMP
	i3	DIRECTIONAL BLACK TRACK HEAD WITH 36° SPOT LED LAMP
	S	SPOTTUNE TRACK SPEAKER
		SPOTTUNE STREAM TRANSMITTER - COORDINATE EXACT LOCATIONS WITH TENANT'S PM.
	00110-01	NEW (3) WALL SCONCE - SEE CONSTR. FLOOR PLAN AND DETAILS FOR MOUNTING LOCATION AND HEIGHTS

NEW CEILING ACCESSORIES, EXIT SIGNS, & EMERGENCY LIGHTS

SYMBOL	TYPE	DESCRIPTION
X1RC	X1RC	NEW EDGE-LIT CEILNG MOUNTED EXIT SIGN WITH RED LETTERS SEE ELECT. DWGS
X1RW	X1RW	NEW WALL MOUNTED EXIT SIGN WITH RED LETTERS SEE ELECT. DWGS
	rem1	NEW RECESSED CEILING EMERGENCY LIGHT FIXTURE WITH BATTERY BACK-UP. SEE ELECT. DWGS
C1	C1	NEW SECURITY CAMERA. SEE ELECT. DWGS
TC	TC	NEW CEILING MOUNTED TRAFFIC COUNTER
WIFI	WIFI	NEW WIRELESS ACCESS POINT
		NEW EMERGENCY LIGHT/ EXIT SIGN

MECHANICAL LEGEND

(E)	EXISTING SUPPLY AIR DIFFUSER TO REMAIN. INSPECT, CLEAN, AND REPAIR. COORDINATE WITH TENANT'S PM OF STATE OF THE DIFFUSER AND DETERMINE IF NEEDED TO BE REPLACED. SUSPENDED IN OPEN CEILING.
(E)	EXISTING 2 x 2 RETURN AIR GRILLE TO REMAIN. INSPECT AND CLEAN.
(E)	EXISTING EXHAUST FAN AND GRILLE TO REMAIN. INSPECT, CLEAN, AND REPAIR. COORDINATE WITH TENANT'S PM OF STATE OF THE EXHAUST FAN / GRILLE AND DETERMINE IF IT SHOULD BE REPLACED. MOUNTED IN LAY-IN CEILNG.
(E) T	EXISTING LOCATION THERMOSTAT. SEE MECHANICAL DRAWINGS
	NEW SUPPLY AIR DIFFUSER REFER HVAC PLAN FOR SIZE AND TYPE
	NEW RETURN AIR GRILLE REFER HVAC PLAN FOR SIZE AND TYPE
(E)	EXISTING SPRINKLER HEAD LOCATION
	NEW FULLY RECESSED SPRINKLER HEAD WITH ESCTECHON BLOW CAP
SSDS48-150 SUPPLY WIDTH LENGTH	LINEAR SLOT SUPPLY AIR DIFFUSER: 1 ½" WIDE MUD-IN LINEAR DIFFUSER.
RSDS48-150 RETURN WIDTH LENGTH	LINEAR SLOT RETURN AIR DIFFUSER: 1 ½" WIDE MUD-IN LINEAR DIFFUSER.

Security Camera/Storefront EAS Comments:

- Security equipment must be installed within the Premises; cameras and/or security equipment are not permitted on the exterior of the Premises unless approved in writing by Landlord. However, in cases where Landlord approves exterior cameras or equipment, the cameras or equipment should be positioned as to limit viewing area and shall capture images of the Tenant's doorways only and shall not capture images outside of the Premises. In cases where a Tenant may have an approved patio area, all cameras or equipment shall be installed and operated so as to capture only the approved patio and no common area.
- All equipment, installation methods and locations must be approved by Landlord in writing prior to installation.
- The storefront EAS security system must be low profile or fully concealed/discreet and conform to the Simon Storefront Security Criteria. Use of heavy duty double sided tape to affix the acrylic fins to the backside of the mullions is preferred. Free standing pedestals are not permitted.
- No signal shall be emitted outside the Premises.
- Absolutely no distribution, electronically or otherwise, of captured image or video to any third party other than Landlord upon request.
- Security cameras, vision panels, or "bubbles" shall not be visible to public view in the design control zone or on patios from the common area.

SIMON PREMIUM OUTLETS

Fire Protection / Sprinkler Comments:

- Simon Premium Outlets requires all tenants to use one of Landlord's pre-qualified sprinkler contractor(s) for tenant's sprinkler work, listed on simon.com. Tenant may competitively bid to only these sprinkler contractors pre-qualified by Landlord.

The sprinkler contractor shall be responsible for providing all drawings, documentation and flow calculations to the local Authority Having Jurisdiction in order to obtain all proper permits.

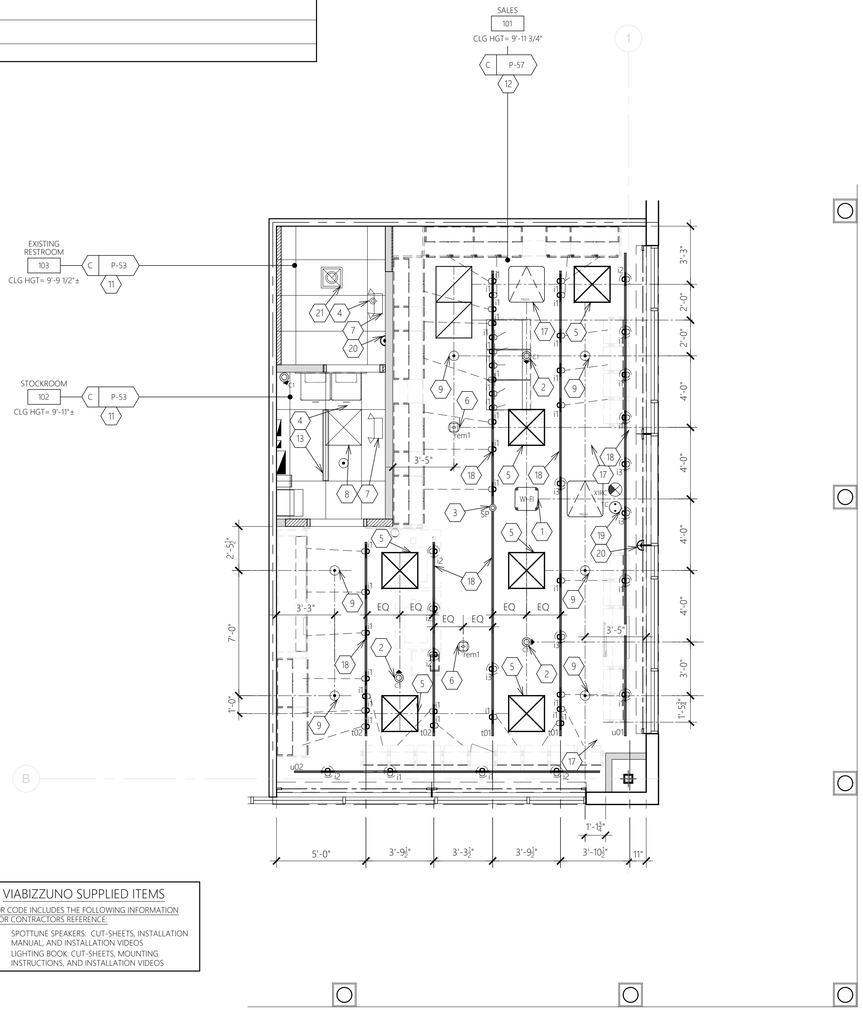
- Sprinkler work may need to be reviewed/ approved by Simon's insurer, Global Risk Consultants. Please review all Rules and Regulations on simon.com for pertinent information.
- Sprinkler System shall be fully charged and operational whenever contractor is not on site.
- Tenant General Contractor must meet with the Property Management office to find out the process and fees associated with sprinkler drain downs during construction.
- If local Fire Department and/or AHJ determines additional sprinkler heads and fire alarm devices will be required based on tenant improvements, it is the Tenant's responsibility to hire the Landlord required Fire Alarm & Fire Sprinkler contractor for this work. Tenant is responsible for any code required changes or upgrades to existing conditions. Existing building monitoring system pull stations and horn/strobes must be kept clear of all obstructions. Tenant or its General Contractor must verify existing locations, and make any applicable changes per the local jurisdiction.
- All additions, extensions or modifications shall be approved by Landlord prior to installation. All fire alarm related work shall comply with all applicable codes and shall be installed by licensed, certified contractors only. All connections to the Landlord's base building fire alarm system shall be coordinated with the Property Management team.
- All background music/paging systems shall be connected to the building fire alarm system to allow for shutdown of the system in an emergency situation. Connect to the existing building shutdown relay if already provided.
- Fire alarm contractor shall be responsible for updating all programming of addressable devices, systems, etc. of the newly installed fire alarm devices to satisfy the requirements of the local AHJ.
- Fire alarm contractor shall be responsible for providing all drawings, documentation, battery calculations, etc. to the local AHJ to obtain all necessary permits.
- All Landlord equipment, component, and / or services feeding other tenant(s) that are existing in the space shall remain visible and accessible to the Landlord. Tenant shall install access panels as required to maintain access and shall be labeled to properly identify systems. Tenant shall coordinate location with Operations Director.
- All penetrations to roof must be approved by Landlord. All related roof work MUST be done by property's designated roofing contractor, at Tenant's expense. Coordinate all work with Property Management on site.

SIMON PREMIUM OUTLETS

Reflected Ceiling Plan Comments:

- Storefront display track lighting and hanging grid fixture must not be visible through storefront glazing from outside the store. The light fixture must be mounted on the backside of the storefront soffit or the bottom of the ceiling.
- Nothing is permitted to be attached to, suspended from, or penetrate Landlord's structure, floor deck, or roof deck. You may attach, non-destructively, to or suspend from the top chord of the joist or the structural steel which exists above the Tenant space. When attaching to Landlord's structure, do NOT drill, weld, screw, or shoot into structure. Alternative methods of attachment ONLY, nothing to damage Landlord's base building structure. Tenant shall provide signed and sealed structural drawings, by a structural engineer with legally active registration as indicated by all jurisdictional requirements, for all structural modifications for Landlord records.
- Camera must be mounted no closer than 10' behind the front entry doors and the camera viewing area must not extend into the common area beyond the Tenant's demised premises. Camera must not be visible from the exterior of the space.
- Speakers may not be mounted on demising walls. Ceiling mounted speaker locations must be a minimum of 10' behind the front door and 5' in from demising walls. Tenant must ensure that music volume is maintained at a level which cannot be heard or the vibrations from which cannot be felt outside the Demised Premises. If such a level is not maintained, it will be the Tenant's responsibility and expense to install soundproofing to achieve the sound level as determined by Landlord. If Tenant fails to meet Landlord requirements, Landlord has the right to require Tenant to cease playing music.
- Any Landlord equipment, component, and / or service feeding other Tenant(s) that is existing in the space must remain visible and accessible to the Landlord. Tenant shall install access panels as required to maintain access. Access panels shall be label to property identify system, coordinate with Property Management team.
- Simon Premium Outlets requires all Tenants to use Landlord's required contractor for all fire alarm and sprinkler work. Tenant is responsible to send Sprinkler plans to Global Risk Consultants if required by the center. See rules & regulations on Simon.com.

SIMON PREMIUM OUTLETS



VIABIZZUNO SUPPLIED ITEMS

QR CODE INCLUDES THE FOLLOWING INFORMATION FOR CONTRACTORS REFERENCE:

- SPOTTUNE SPEAKERS: CUT-SHEETS, INSTALLATION MANUAL, AND INSTALLATION VIDEOS
- LIGHTING BOOK: CUT-SHEETS, MOUNTING INSTRUCTIONS, AND INSTALLATION VIDEOS

REFLECTED CEILING PLAN

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

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GENERAL NOTES

A. 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.

B. 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 OR OPENING. IF PLAN LOCATIONS ARE NOT ACCEPTABLE, IMMEDIATELY CONTACT ESSILOR LUXOTTICA PROJECT MANAGER FOR DIRECTION.

C. G.C.'S BID SHALL INCLUDE THE INSTALLATION OF ALL LUMINARIES AND ASSOCIATED LAMPS FURNISHED BY ESSILOR LUXOTTICA. G.C. IS RESPONSIBLE TO ENSURE THE ADJUSTABILITY 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.

D. CEILING GRID SHALL BE CENTERED IN ROOM UNLESS OTHERWISE NOTED. LIGHTING AND ANY CEILING ELEMENT LOCATED WITHIN THE CEILING GRID SHALL BE CENTERED ON THE TILE UNLESS NOTED OTHERWISE.

E. INSTALL ALL NEW LIGHTS AND TRACK AS INDICATED. COORDINATE WITH ELECTRICAL DRAWINGS.

F. 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.

G. INSTALL NEW SPRINKLER HEADS THROUGHOUT THE SPACE. COORDINATE WITH FIRE PROTECTION PLAN. GC TO ORDER FIRE SPRINKLER CAPS WITH CUSTOM COLOR TO MATCH CEILING COLORS. CODE REQUIRES ORDERING, NOT SELF PAINTING. (TYP.) SEE NOTE ON THIS SHEET ABOUT ORDERING.

H. G.C. TO PROVIDE AND INSTALL FIRE DAMPERS IN DUCTWORK AT ANY DEMISING WALL PENETRATIONS, TYP.

I. 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.

KEY NOTES

1. NEW WIRELESS ACCESS POINT - SEE ELECTRICAL DRAWINGS
2. NEW SECURITY CAMERA - SEE ELECTRICAL DRAWINGS.
3. NEW SPEAKER - SEE ELECTRICAL DRAWINGS.
4. EXISTING FULLY-RECESSED SPRINKLER HEADS, REPLACE EXISTING FIRE SPRINKLER ESCUTCHEON COVERPLATE TO MATCH NEW CEILING TILE FINISH. FIRE PROTECTION CONTRACTOR SHALL INSPECT, REPAIR, REPLACE OR MODIFY HEADS AS NECESSARY TO BE COMPLIANT WITH LOCAL FIRE CODES AND NEW TENANT'S SPACE CONFIGURATION.
5. NEW HVAC DIFFUSERS AND GRILLES, PAINT TO MATCH ADJACENT CEILING. SEE MECHANICAL DRAWINGS.
6. NEW EMERGENCY LIGHT AND/OR EXIT SIGN.
7. EXISTING EMERGENCY LIGHT AND/OR EXIT SIGN.
8. EXISTING HVAC DIFFUSER AND GRILLE, CLEAN & PAINT TO MATCH ADJACENT CEILING. SEE MECHANICAL DRAWINGS.
9. NEW FULLY-RECESSED SPRINKLER HEAD WITH ESCUTCHEON COVERPLATE. SPRINKLER HEADS TO BE COMPLIANT WITH LOCAL FIRE CODES AND NEW TENANT'S SPACE CONFIGURATION. ESCUTCHEON COVERPLATES ARE TO BE FACTORY PAINTED TO MATCH CEILING FINISH. - SEE SPRINKLER SYS~~TEM NOTE~~
10. ~~INSTALL NEW METAL BEHIND THE NEW SIGN.~~
11. EXISTING ACOUSTICAL CEILING. PREP TO RECEIVE NEW FINISHES.
12. NEW GWB CEILING WITHIN THE SALES AREA.
13. EXISTING LIGHT FIXTURE - INSPECT, CLEAN AND RELAMP
14. ~~EXISTING ACCESS PANEL. PAINT TO MATCH NEW FINISHES.~~
15. ~~NEW AUDIO VISUAL FIRE ALARM DEVICE.~~
16. ~~EXISTING GWB CEILING. PATCH, REPAIR AND PREP TO RECEIVE NEW FINISHES.~~
17. NEW ACCESS PANEL TO BE INSTALLED.
18. NEW TRACK & TRACK LIGHTS - SEE ELECTRICAL DRAWINGS.
19. NEW TRAFFIC COUNTER - SEE ELECTRICAL DRAWINGS.
20. EXISTING WALL MOUNTED AUDIO VISUAL FIRE ALARM DEVICE.
21. EXISTING EXHAUST FAN - INSPECT AND CLEAN

SPRINKLER SYSTEM NOTE

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 ARCHITECT, LANDLORD AND BUILDING & 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.

NOTES:

- REFERENCE FP200 FIRE PROTECTION DESIGN INTENT PLAN FOR ADDITIONAL INFORMATION.
- CONCEALED HEADS WITH COVERS TO MATCH ADJACENT CEILING TYP. THROUGHOUT - UNLESS NOTED OTHERWISE.
- SPRINKLER HEADS TO BE INSTALLED ALIGNED WITH LIGHTS, DIFFUSERS, IN CENTER OF CEILING TILES ETC.. INSTALL PATTERN AS SHOWN ON THIS PLAN AND IS FOR DESIGN INTENT ONLY

SPRINKLER COVER PLATE PAINTING
THIS IS A GC SUPPLIED AND INSTALLED ITEM.

TO ORDER, CONTACT QUICK RESPONSE FIRE SUPPLY (888) 361-6662. THERE WILL BE A PAINT SETUP FEE "PER ORDER."
INFORMATION TO HAVE READY:

- SPRINKLER IDENTIFICATION NUMBER OR SIN #(TYPICALLY ON SPRINKLER HEAD BEGINNING WITH 1-2 LETTERS FOLLOWED BY 3-4 #'S.)
- QUANTITY
- BENJAMIN MOORE OR SHERWIN WILLIAMS PAINT #, PAINT NAME, & PAINT SHEEN

THIS IS A 6-8 WEEK LEAD TIME AND MUST BE ORDERED AT THE BEGINING OF PROJECT.

ELEC. / DATA FACEPLATE COLOR SCHEDULE

WALL FINISH	DEVICE COLOR
P-53	BRILLIANT WHITE (BW)
P-57	LIGHT ALMOND (LA)
P-61	TO BE DETERMINE - TENANT'S PM TO CONFIRM WITH TENANT'S DESIGNER
P-62	MIDNIGHT (MN)
P-501	MIDNIGHT (MN)
WC-60	TO BE DETERMINE - TENANT'S PM TO CONFIRM WITH TENANT'S DESIGNER
WC-61	TO BE DETERMINE - TENANT'S PM TO CONFIRM WITH TENANT'S DESIGNER
PWT-52	PEBBLE (PB)

UTILIZE LUTRON FOR ALL ELECTRICAL DEVICES. APPLIES TO SWITCHES, (DEVICES & FACEPLATES), RECEPTACLES, (DEVICES & FACEPLATES), DATA, (INSERTS AND FACEPLATES. JACK COLORS NOT APPLICABLE) , HDMI PORTS AND OCCUPANCY SENSORS. SHOULD ANY DEVICES BE LOCATED ON WALLS WITH OTHER FINISHES RATHER THAN WHAT IS SPECIFIED ABOVE, GC SHALL PROVIDE AN RFI TO THE TENANT'S PROJECT MANAGER.

ELECTRICIAN MUST COORDINATE WITH REFLECTED CEILING PLAN, FINISH SCHEDULE AND FINISH PLAN.

DESIGN & CONSTRUCTION MANAGEMENT:

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Construction for:

sunglass hut
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Mark	Date	By
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Architect / Engineer of Record
LINO PICINIC
123 GROVE ST.
TENAFLY, NJ 07670

Seal

Architect / Engineer Job No.: SGH-124

EssilorLuxottica CDS Layout No.: **DD-REV7**

EssilorLuxottica Reference Set No.: **SGH06E**

EssilorLuxottica Project Number: 101057

Brand Design Type: **SGH06E**

ISSUED FOR:
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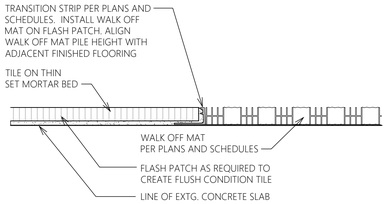
☐ ADDENDUM

Sheet Name: REFLECTED CEILING PLAN

Date: 8/29/2025
Drawn By: STAFF
Checked By: STAFF

Sheet: A102

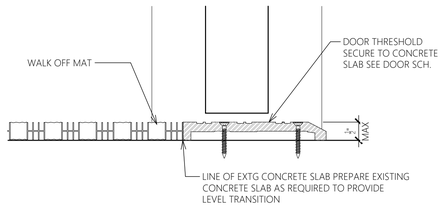
Z:\SUNGLASS-HUT\119-101057-4728 Leesburg Premium Outlets-Leesburg VA\03_Documents\00_Current\011 101057-A102 Reflected Ceiling Plan.dwg A102 8/29/25 T.Jewell



1 FLOOR TRANSITION

SCALE: 6" = 1'-0"

RECESSED WALK-OFF MAT TO TILE FLOORING

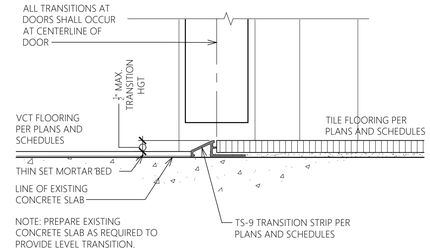


2 FLOOR TRANSITION

0 1 2 3 4

SCALE: 6" = 1'-0"

RECESSED WALK-OFF MAT TO EXTERIOR DOOR THRESHOLD

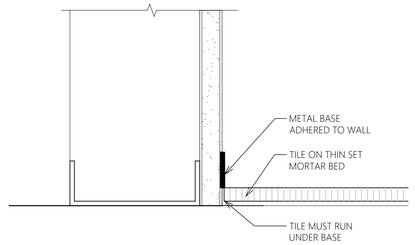


3 FLOOR TRANSITION

0 1 2 3 4

SCALE: 6" = 1'-0"

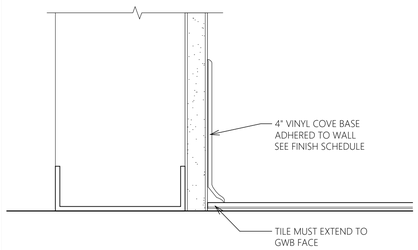
TILE FLOORING TO VCT FLOORING



4 METAL WALL BASE

0 1 2 3 4

SCALE: 6" = 1'-0"



5 VINYL COVE WALL BASE

0 1 2 3 4

SCALE: 6" = 1'-0"

Finish Plan Comments:

- All flooring transitions must be smooth and flush.
- Tenant is required to install a waterproof membrane in all wet areas (Restrooms, Kitchens, food services, etc....) of the space. Tenant shall use a 30 mil polyethylene cleavage membrane (equal to Nobleseal TS) installed per manufacturers recommendations and ANSI A108. Membrane must be extended up the wall a minimum of 6" or equal to the height of the floor base.
- Slab on grade: Tenant's General Contractor shall advise the Property Management team prior to any slab modifications or removal. Tenant GC shall verify that work shall not conflict with any existing structural, utility, or other under-slab condition. (Nondestructive verification maybe required.) Any damage or downtime caused by Tenant's work shall be repaired and reimbursed at Tenant's expense. Any slab saw cutting or penetrations require that replacement slab be installed with dwelling and reinforced concrete. Where the slab is saw-cut and removed for trenching, Landlord requires Tenant's contractor to install appropriate moisture barrier (15 Mil. Thick "Stego" vapor barrier) tied into existing barrier. Confirm work with Center Operations Director before you backfill.
- Elevated slab on grade: Tenant's General Contractor shall advise the Property Management team prior to any slab modification or removal. If any elevated slab is to be modified in anyway (drilled, cored, or penetrated). Tenant shall provide stamped and certified drawings by a licensed structural engineered certified in the local jurisdiction. All penetrations shall be **CORE BORED ONLY**. Saw cutting, jack hammering, and trenching is strictly prohibited. All penetrations shall be sleeved, sealed, fire stopped, and waterproofed. The penetration sleeve shall extend a minimum of 4" on either side of the slab and be labeled with the required NFPA rating. Tenant GC shall verify that work shall not conflict with any existing structural, utility, or other under-slab condition. (Nondestructive verification maybe required.) Any damage or downtime caused by Tenant's work shall be repaired and reimbursed at Tenant's expense.
- Tenant and Tenant flooring contractors are responsible to determine compatibility of their flooring products and/or adhesive with existing slab prior to flooring installation. Any required moisture testing or installation of moisture barrier under flooring is Tenant's expense. Landlord does not accept responsibility and will not be liable for water vapor emissions through the slab that exceed flooring manufacturer's recommendations, or are due to effects of saw cutting.

SIMON

ELEC. / DATA FACEPLATE COLOR SCHEDULE

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P-53	BRILLIANT WHITE (BW)
P-57	LIGHT ALMOND (LA)
P-61	TO BE DETERMINE - TENANT'S PM TO CONFIRM WITH TENANT'S DESIGNER
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PWT-52	PEBBLE (PB)

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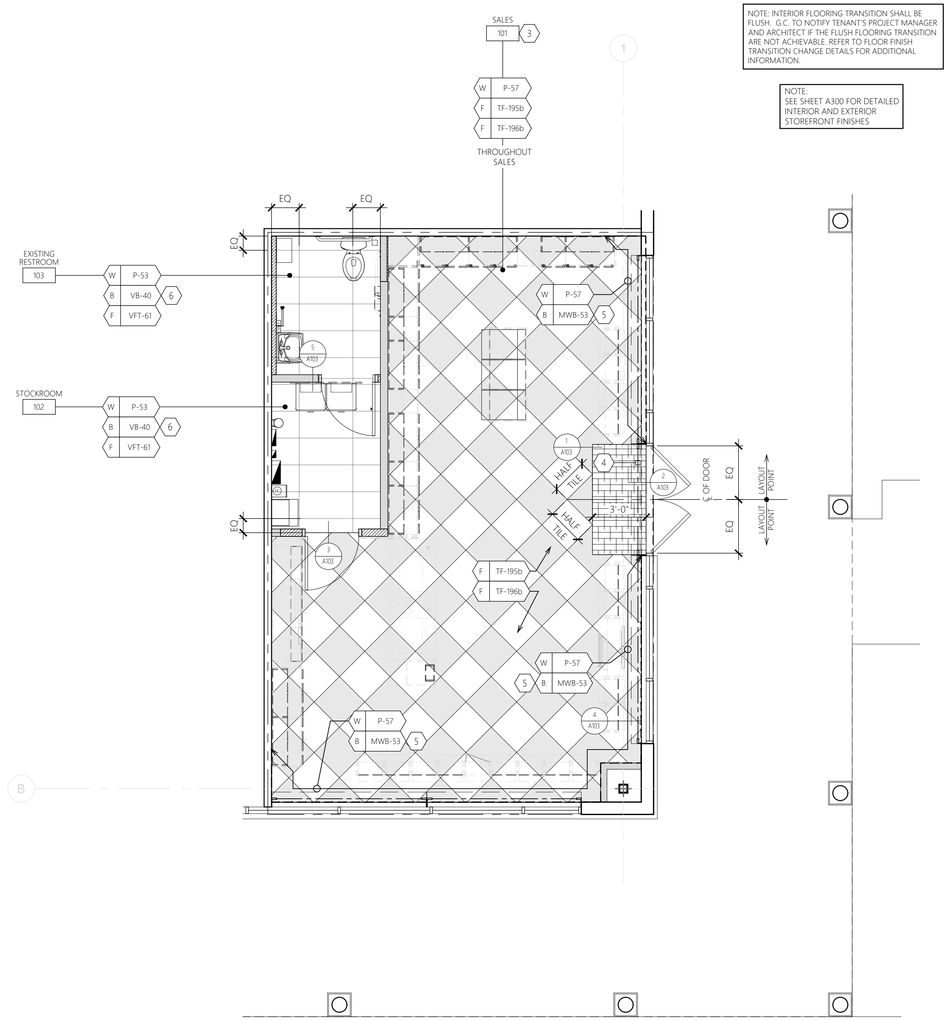
ELECTRICIAN MUST COORDINATE WITH REFLECTED CEILING PLAN, FINISH SCHEDULE AND FINISH PLAN.



FINISH PLAN

0 2 4 8

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

N

NOTE: INTERIOR FLOORING TRANSITION SHALL BE FLUSH. G.C. TO NOTIFY TENANT'S PROJECT MANAGER AND ARCHITECT IF THE FLUSH FLOORING TRANSITION ARE NOT ACHIEVABLE. REFER TO FLOOR FINISH TRANSITION CHANGE DETAILS FOR ADDITIONAL INFORMATION.

NOTE:
SEE SHEET A300 FOR DETAILED INTERIOR AND EXTERIOR STOREFRONT FINISHES

FINISH PLAN GENERAL NOTES

A. G.C. IS RESPONSIBLE FOR ANY PREPARATION OF THE FLOOR SLAB AND PROCUREMENT OF MATERIALS REQUIRED TO PRODUCE A FLUSH CONDITION BETWEEN THE STORE LEASE LINE AND THE EXISTING EXTERIOR OF FLOORING.

B. G.C. IS RESPONSIBLE FOR INSTALLING ALL FINISH FLOORING. G.C. IS ALSO RESPONSIBLE FOR ALL FINISH MATERIALS BEHIND AND UNDER ALL MILLWORK.

C. REFER TO ARCHITECTURAL SPECIFICATIONS / FINISHES SCHEDULE THIS SHEET & REFER TO GENERAL NOTES ON SHEET G100

D. ALL TENANT FURNISHED ITEMS (MATERIAL AND LABOR) TO BE SCHEDULED, COORDINATED AND SUPERVISED BY G.C.

E. REFER TO DOOR SCHEDULE FOR DOOR FINISHES. PREP EXISTING DOORS PRIOR TO RE-FINISHING.

F. WHEN INSTALLING A 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 CONSTR. PROJECT MANAGER PRIOR TO INSTALLATION.

G. IF THE CONCRETE WAS PREVIOUSLY SEALED, IT WILL NEED TO BE STRIPPED.

DIRECTIONS:

TEST FOR OLD SEALER ON THE FLOOR. APPLY A FEW DROPS OF MURIATIC ACID TO THE AREA. IF IT FIZZES, THERE IS NO SEALER PRESENT. IF IT DOESN'T FIZZ, THERE IS SEALER PRESENT AND THE FLOOR NEEDS TO BE STRIPPED.

IF NO SEALER IS PRESENT, CLEAN THE SURFACE BY APPLYING UNITEX POWERHOUSE DEGREASER DILUTED AT 64 OZ PER GALLON OF WATER WITH A MOP TO A SMALL AREA OF THE FLOOR. USE A FLOOR MACHINE WITH A GREEN PAD TO CLEAN THE AREA. PICK UP SLURRY WITH A WET/DRY VACUUM.

IF SEALER IS PRESENT, STRIP THE FLOOR USING UNITEX MELTDOWN PLUS STRIPPER DILUTED AT 32 OZ PER GALLON OF WATER. APPLY TO THE FLOOR USING A MOP. SCRUB THE FLOOR WITH A FLOOR MACHINE AND BLACK PAD OR STEEL WIRE BRUSH. PICK UP SLURRY WITH A WET/DRY VACUUM. NEUTRALIZE FLOOR BY APPLYING BY MOP EASY PAK NEUTRALIZER DILUTED AT 1 PACKET PER 3 GALLONS OF WATER.

TO ETCH CONCRETE THAT HAS NEVER BEEN SEALED: VENTILATE THE AREA. BE SURE TO WEAR PERSONAL PROTECTIVE EQUIPMENT INCLUDING A RESPIRATOR. USING A MOP APPLY MURIATIC ACID TO FLOOR. LET THE FLOOR DRY FOR AT LEAST 24 HOURS BEFORE SEALING.

WARNING: ALWAYS FOLLOW LABEL DIRECTIONS, AND NEVER MIX PRODUCT UNLESS SPECIFIED IN THE LABEL DIRECTIONS. EACH SITUATION REACTS DIFFERENTLY AND RESULTS MAY VARY.

7. REFER REFLECTED CEILING PLAN FOR CEILING FINISHES.

FINISH PLAN KEY NOTES (#)

1. GYP. BD. PARTITION BEHIND MILLWORK TO BE FINISHED TO A LEVEL 4 FINISH AND PRIMED ONLY UP TO 9'. SEE ELEVATION ON THIS SHEET FOR CLARIFICATION.
2. WALK-OFF MATT TO START AT THE ENTRY DOOR THRESHOLD, EXTEND INTO THE SPACE AS DIMENSION. THE WIDTH IS THE EXTEND FROM SECURITY GRILLE POST ON THE DOOR SIDE TO SECURITY GATES POST.
3. REFER TO REFLECTED CEILING PLAN FOR CEILING FINISHES.
4. G.C. TO PAINT SECURITY GRILLE SUPPORT POSTS, GUIDES, AND COIL HOUSING.
5. DASHED LINE REPRESENT METAL WALL BASE, SEE DETAIL ON THIS SHEET.
6. VINYL COVE WALL BASE, SEE DETAIL ON THIS SHEET.

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
FRP	150	245
VINYL BASE	0.45	450 OR LESS
HIGH PRESSURE LAMINATE	45	130

FLOOR PENETRATIONS AND WATERPROOFING

WHERE FLOOR PENETRATIONS ARE OVER OPEN SPACE BELOW; FLOOR PENETRATIONS SHALL BE CORE-BORED, SLEEVED, SEALED, FIRE STOPPED, AND WATER PROOFED. ALL PIPING SLEEVES SHALL EXTEND A MIN. OF FOUR INCHES IN HEIGHT. PROVIDE TEMPORARY PROTECTION UNTIL CONSTRUCTION IS COMPLETE.

THE G.C. SHALL INSTALL A WATER PROOF MEMBRANE IN ALL WET AREAS, TOILET ROOMS, AND MOP SINK AREAS. THE SLAB SHALL BE WATER PROOFED USING A 30 MIL POLYETHYLENE CLEAVAGE MEMBRANE EQUAL TO "NOBLESEAL TS" INSTALLED PER MANUFACTURES 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.

FINISH SYMBOL KEY

F XXXX = FLOOR
B XXXX = BASE
W XXXX = WALL
T XXXX = TRIM
C XXXX = CEILING (SEE RCP FOR FINISH LOCATIONS)
G XXXX = GLAZING

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Seal

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EssilorLuxottica CDS Layout No.:

DD-REV7

EssilorLuxottica Reference Set No.:

SGH06E

EssilorLuxottica Project Number: 101057

Brand Design Type:

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☐ ADDENDUM

Sheet Name:

FINISH PLAN

Date: 8/29/2025
Drawn By: STAFF
Checked By: STAFF

Sheet: A103

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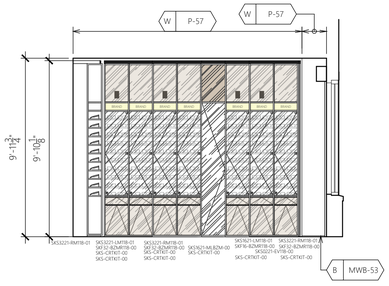
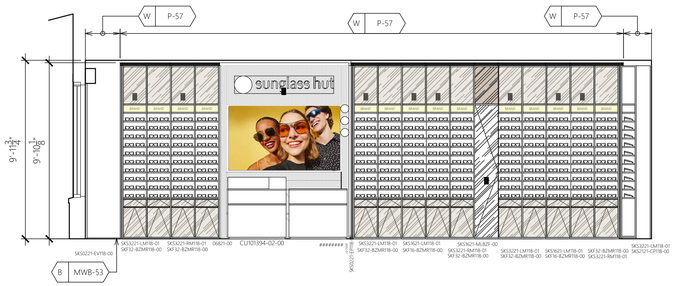
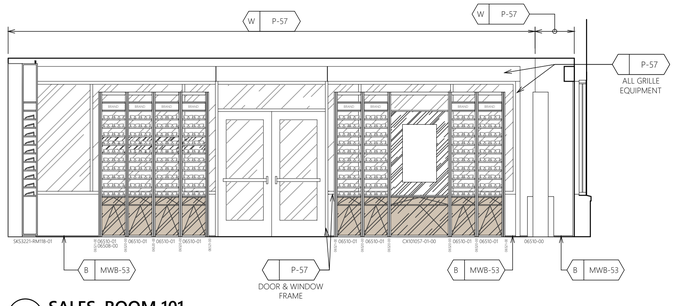


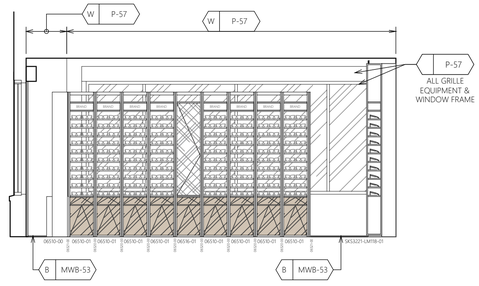
1 SALES, ROOM 101



4 SALES, ROOM 101

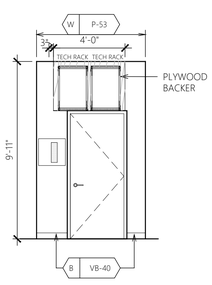


2 SALES, ROOM 101

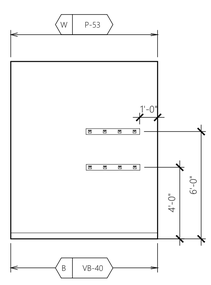


3 SALES, ROOM 101

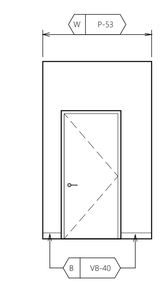
0 2 4 8
SCALE: 1/4" = 1'-0"



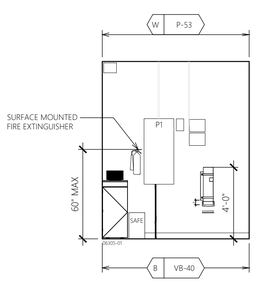
5 STOCKROOM, ROOM 102



6 STOCKROOM, ROOM 102



7 STOCKROOM, ROOM 102



8 STOCKROOM, ROOM 102

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☐ ADDENDUM

Sheet Name:
INTERIOR ELEVATIONS

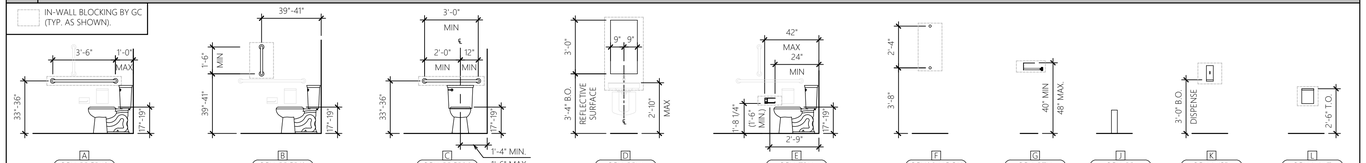
Date 8/29/2025
Drawn By STAFF
Checked By STAFF

Sheet A200

Z:\SUNGLASS-HUT\119-101057-4728 Leesburg Premium Outlets-Leesburg VA\03_Documents\00_Current\013 101057-A200 Interior Elevations.dwg A200 8/29/25 TJewell

A TOILET ACCESSORIES MOUNTING HEIGHTS

IN-WALL BLOCKING BY GC (TYP. AS SHOWN).



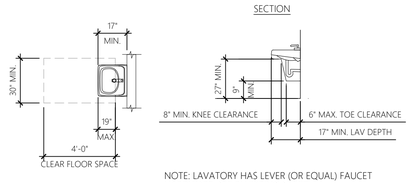
A	B	C	D	E	F	G	J	K	L
SGH-RRGB42	SGH-RRGB18	SGH-RRGB36	SGH-RRM	SGH-TPH	SGH06-HOOK	SGH-PTH	SGH-BB	SGH-WSD	SGH-WMT
42" GRAB BAR	18" GRAB BAR	36" GRAB BAR	MIRROR	TOILET PAPER HOLDER	COAT HOOK	PAPER TOWEL HOLDER	BATHROOM BRUSH	WALL-MOUNTED SENSOR SOAP DISPENSER	WALL-MOUNTED TRASH CAN

ELEVATION VIEW

PLAN VIEW

A-SGH-A201-REV00

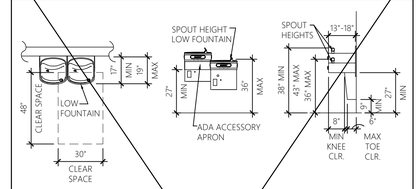
B SINK ACCESSIBILITY CLEARANCES



NOTE: LAVATORY HAS LEVER (OR EQUAL) FAUCET HARDWARE. SEE PLUMBING SHEET.
PIPES UNDER THE SINK ARE INSULATED BY GC.

B-SGH-A201-REV00

C DRINKING FOUNTAIN



DRINKING FOUNTAIN PLAN | DRINKING FOUNTAIN FRONT ELEVATION | DRINKING FOUNTAIN SIDE ELEVATION

NOT USED

DRINKING FOUNTAIN NOTES FOR LOW DRINKING FOUNTAIN:

1. THE SPOUT SHALL PROVIDE A FLOW OF WATER 4 INCHES MIN. IN HEIGHT. THE ANGLE OF THE WATER STREAM FROM SPOUTS WITHIN 5 INCHES OF THE FRONT OF THE DRINKING FOUNTAIN SHALL BE 30 DEGREES MAX. AND FROM SPOUTS BETWEEN 3 INCHES AND 5 INCHES FROM THE FRONT OF THE DRINKING FOUNTAIN SHALL BE 15 DEGREES MAX. MEASURED HORIZONTALLY RELATIVE TO THE FRONT FACE OF THE DRINKING FOUNTAIN.

2. CONTROLS SHALL BE FRONT MOUNTED OR SIDE MOUNTED NEAR THE FRONT EDGE. SPOUTS SHALL BE NO HIGHER THAN 36" MEASURED FROM THE FLOOR OR GROUND SURFACES TO THE SPOUT OUTLET.

3. WALL AND POST MOUNTED CANTILEVERED UNITS SHALL HAVE A CLEAR KNEE SPACE BETWEEN THE BOTTOM OF THE APRON AND THE FLOOR OR GROUND AT LEAST 27" HIGH, 30" WIDE, AND 17-19" DEEP. SUCH UNITS SHALL HAVE A MINIMUM CLEAR FLOOR SPACE 30" X 48" TO ALLOW A PERSON IN A WHEEL- CHAIR TO APPROACH THE UNIT FACING FORWARD.

4. THE FOLLOWING KNEE CLEARANCE IS REQUIRED UNDERNEATH THE FOUNTAIN: 27" MIN. FROM THE FLOOR TO THE UNDERSIDE OF THE FOUNTAIN WHICH EXTENDS 8" MIN. MEASURED FROM THE FRONT EDGE UNDERNEATH THE FOUNTAIN BACK TOWARDS THE WALL; IF A MIN. 9" OF TOE CLEARANCE IS PROVIDED, A MAX. OF 6" OF THE 48" OF CLEAR FLOOR SPACE REQUIRED AT THE FIXTURE MAY EXTEND INTO THE TOE SPACE.

C-SGH-A201-REV00

E GRAB BAR DETAIL

ANCHOR PLATES ARE 12 GAUGE STEEL AND 6" WIDE. (LENGTH VARIES). FURNISHED WITH STAINLESS STEEL MACHINE SCREWS TO ACCOMMODATE WALL FINISHES TO 1 1/2" THICK. ANCHOR PLATES SECURED TO STUDS BY WELDING, WIRING OR SELF THREADING SCREWS.

GRAB BARS
LOCATE GRAB BARS AS NOTED IN RESTROOM ELEVATIONS

THE DIAMETER OR WIDTH OF THE GRIPPING SURFACE IS REQUIRED TO BE 1 1/4" TO 1 1/2" 32 MM - 38 MM, OR THE SHAPE IS TO PROVIDE AN EQUIVALENT GRIPPING SURFACE. IF GRAB BARS ARE MOUNTED ADJACENT TO A WALL, THE SPACE BETWEEN THE WALL AND THE GRAB BARS IS TO BE 1 1/2" 38 MM.

GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS.

GRAB BARS AND ANY SURFACE ADJACENT TO THEM CAN NOT HAVE ANY SHARP OR ABRASIVE ELEMENTS. EDGES ARE TO HAVE A MINIMUM RADIUS OF 1/8 INCH.

BENDING STRESS IN A GRAB BAR OR SEAT INDUCED BY THE MAX. BENDING MOMENT FROM THE APPLICATION OF A 250 LB. POINT LOAD SHALL BE LESS THAN THE ALLOWABLE STRESS FOR THE MATERIAL OF THE GRAB BAR OR SEAT.

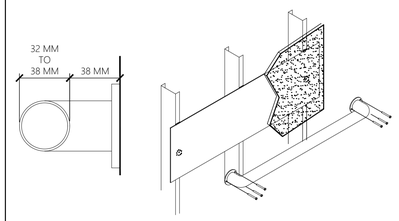
SHEAR STRESS INDUCED IN A GRAB BAR BY THE APPLICATION OF 250 LBF POINT LOAD SHALL BE LESS THAN THE ALLOWABLE SHEAR STRESS FOR THE MOUNTING BRACKET OR OTHER SUPPORT IS CONSIDERED TO BE FULLY RESTRAINED, THEN DIRECT AND TORSIONAL SHEAR STRESSES SHALL NOT EXCEED THE ALLOWABLE SEAR STRESS.

SHEAR FORCE INDUCED IN FASTENER OR MOUNTING DEVICES FROM THE APPLICATION OF A 250 LB. POINT LOAD SHALL BE LESS THAN THE ALLOWABLE LATERAL LOAD OF EITHER FASTENER OR MOUNTING DEVICE OR THE SUPPORTING STRUCTURE, WHICHEVER HAS THE SMALLER ALLOWABLE LOAD.

TENSILE FORCE INDUCED IN A FASTENER BY A DIRECT TENSION FORCE OF A 250 LB. POINT LOAD, PLUS THE MAX. MOMENT FROM THE APPLICATION OF A 250 LB. POINT LOAD, SHALL BE LESS THAN THE ALLOWABLE WITHDRAWAL LOAD BETWEEN THE FASTENER AND SUPPORTING STRUCTURE.

GRAB BAR AND ANY WALL OR OTHER SURFACE ADJACENT TO IT SHALL BE FREE OF ANY SHARP OR ABRASIVE ELEMENTS. EDGES SHALL HAVE A MINIMUM RADIUS OF 1/8".

SEE DETAIL 12/A400 FOR IN-WALL BLOCKING DETAIL.



E-SGH-A201-REV00

F TOILET ROOM KEY NOTES (#)

1. SHADED AREA: 60" x 60" CLEAR FLOOR SPACE.
2. SHADED AREA: 48" x 30" CLEAR FLOOR SPACE.
3. 60" CLEAR TURNING DIA.
4. PATCH, REPAIR AND PREPARE EXISTING SURFACES TO RECEIVE NEW WALL FINISHES. COORDINATE REPAIRS WITH TENANT'S PROJECT MANAGER
5. EXISTING LAVATORY TO RELOCATE & REPLACE WITH A NEW ONE. INSPECT AND ENSURE FIXTURE IS WORKING PROPERLY. MAKE ALL REPAIRS AS NECESSARY. COORDINATE REPAIRS WITH TENANT'S PM.
6. EXISTING WATER CLOSET TO REPLACE WITH A NEW ONE.
7. SCOPE AND CLEAN EXISTING SANITARY LINE TO ENSURE SANITARY LINE CLEAR OF ANY OBSTRUCTIONS AND IS FREE FLOWING.
8. NEW INSTA WATER HEATER. COORDINATE INSTALLATION WITH TENANT'S PM
9. SEE TOILET ROOM SIGN DETAIL 7/G002
10. ~~EXISTING FLOOR DRAIN TO REMAIN.~~
11. 48" X 48" CLEAR FLOOR SPACE.
12. EXISTING OVERHEAD SHELVING TO REMAIN.
13. ~~EXISTING MOP HOLDER TO REMAIN.~~
14. 57" X 60" CLEAR FLOOR SPACE

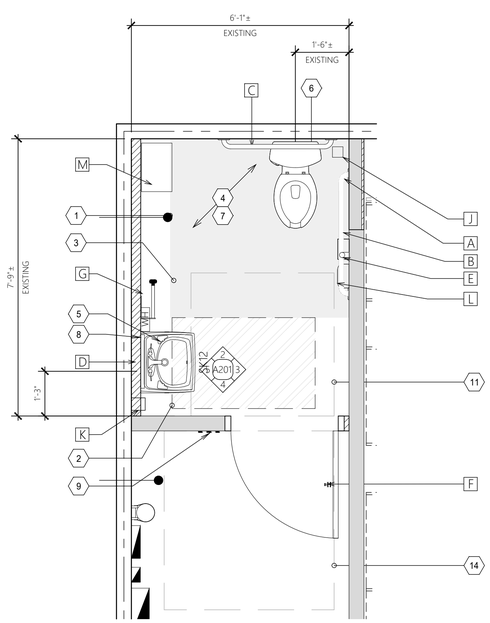
C:\SGH-A201-REV00

D TOILET ROOM ACCESSORY SCHEDULE (#) = QUANTITY

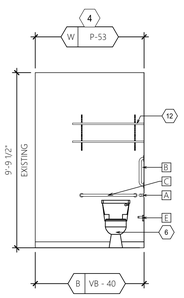
@	CODE	ITEM	DESCRIPTION	ROOM	REMARKS	SUPPLIED	RECEIVED	INSTALLED
A	SGH-RRGB42	42" GRAB BAR	BOBRICK: B-5806X42.99 (PEENED)	RESTROOM (1)	• GC TO PROVIDE & INSTALLS IN-WALL BLOCKING*	GC	GC	GC
B	SGH-RRGB18	18" GRAB BAR	BOBRICK: B-5806X18.99 (PEENED)	RESTROOM (1)	• GC TO PROVIDE & INSTALLS IN-WALL BLOCKING*	GC	GC	GC
C	SGH-RRGB36	36" GRAB BAR	BOBRICK: B-5806X36.99 (PEENED)	RESTROOM (1)	• GC TO PROVIDE & INSTALLS IN-WALL BLOCKING*	GC	GC	GC
D	SGH06-RRM	RESTROOM WALL MIRROR	VENDOR: BOBRICK VENDOR PART #: B-156 1836 FINISH: STAINLESS STEEL	RESTROOM (1)	• (1) PER RESTROOM • GC TO PROVIDE & INSTALLS IN-WALL BLOCKING*	T	GC	GC
E	SGH-TPH	TOILET PAPER HOLDER	VENDOR: DELTA ARTICLE #: 3042094; VENDOR PART #: 79956-SS FINISH: STAINLESS STEEL	RESTROOM (1)	• (1) PER RESTROOM • GC TO PROVIDE & INSTALLS IN-WALL BLOCKING*	T	GC	GC
F	SGH06-HOOK	ROUND WALL-MOUNTED HOOKS	VENDOR: NA ARTICLE #: 3042090; VENDOR PART #: 3524806 FINISH: MATTE STAINLESS STEEL	RESTROOM (2)	• INSTALL (1) @ 48" A.F.F. & (1) @ 72" A.F.F. • ROUND HOOK ONLY (INSTALL WITHOUT PROVIDED BACKPLATE) • GC TO PROVIDE & INSTALLS IN-WALL BLOCKING*	T	GC	GC
G	SGH-PTH	PAPER TOWEL HOLDER	VENDOR: SIMPLE HUMAN ARTICLE #: 3055590 MODEL #: KT1024; BRUSHED STAINLESS STEEL	RESTROOM (1)	• (1) PER RESTROOM • GC TO PROVIDE & INSTALLS IN-WALL BLOCKING*	T	GC	GC
H	SK12	FAUCET	SEE PLUMBING PLANS FOR SPECIFICATIONS	RESTROOM (1)	• (1) PER SINK	GC	GC	GC
		SINK	SEE PLUMBING PLANS FOR SPECIFICATIONS	RESTROOM (1)	• (1) PER RESTROOM • GC TO PROVIDE & INSTALLS IN-WALL BLOCKING*	GC	GC	GC
J	SGH06-BB	BATHROOM BRUSH	VENDOR: NEMESIA ARTICLE #: 3042096; VENDOR PART #: LEN-NNE330313 FINISH: STAINLESS STEEL	RESTROOM (1)	• (1) PER RESTROOM • FREE-STANDING	T	GC	GC
K	SGH06-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 & INSTALLS IN-WALL BLOCKING*	T	GC	GC
L	SGH06-WMT	WALL-MOUNTED TRASH CAN	VENDOR: BRADLEY ARTICLE #: 3042086; VENDOR PART #: 6A00-110000 FINISH: STAINLESS STEEL	RESTROOM (1)	• (1) PER RESTROOM • GC TO PROVIDE & INSTALLS IN-WALL BLOCKING*	T	GC	GC
M	SGH06-TRASH1	FREE-STANDING TRASH CAN	VENDOR: ABCO ARTICLE #: 3042095 VENDOR PART #: AAMAB08SQTJS2X SIZE: 13 GALLON FINISH: STAINLESS STEEL	RESTROOM (1)	• (1) PER RESTROOM	T	GC	GC

'SGH' AND 'SGH06' PREFIX IS NOT REFLECTED ON PLANS.
*SEE DETAILS ON THIS SHEET

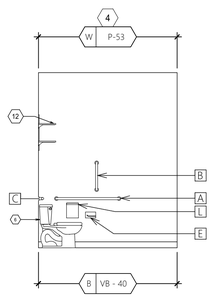
D-SGH-A201-REV01



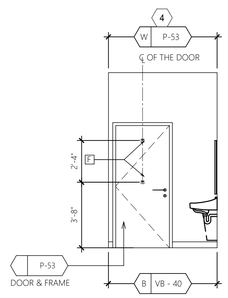
1 ENLARGED TOILET ROOM PLAN
SCALE: 1/2" = 1'-0"



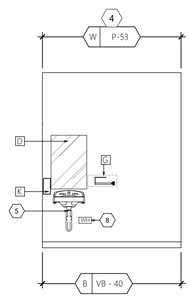
2 TOILET ROOM ELEVATION
SCALE: 1/4" = 1'-0"



3 TOILET ROOM ELEVATION
SCALE: 1/4" = 1'-0"



4 TOILET ROOM ELEVATION
SCALE: 1/4" = 1'-0"



5 TOILET ROOM ELEVATION
SCALE: 1/4" = 1'-0"

DESIGN & CONSTRUCTION MANAGEMENT:

EssilorLuxottica
NORTH AMERICA STORE DEVELOPMENT
1 West 37th Street New York, NY 10018
+1.212.302.1200

STORE #4728
LEESBURG PREMIUM OUTLETS
241 FORT EVANS RD, NE #605
LEESBURG, VA 20176

Construction for:

sunglass hut
A Brand of EssilorLuxottica

Revisions:

Mark	Date	By
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△		
△		
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△		
△		

Architect / Engineer of Record
LINO PICINIC
123 GROVE ST.
TENAFLY, NJ 07670

Seal

Architect / Engineer Job No.: SGH-124
EssilorLuxottica CDS Layout No.: **DD-REV7**
EssilorLuxottica Reference Set No.: **SGH06E**
EssilorLuxottica Project Number: 101057
Brand Design Type: **SGH06E**

ISSUED FOR:
☐ 100% PRELIM ☐ CONSTRUCTION
☐ 100% FINAL ☐ BULLETIN
☐ ADDENDUM

Sheet Name: TOILET ROOM PLAN, ELEVATIONS & DETAILS

Date: 8/29/2025
Drawn By: STAFF
Checked By: STAFF
Sheet: A201

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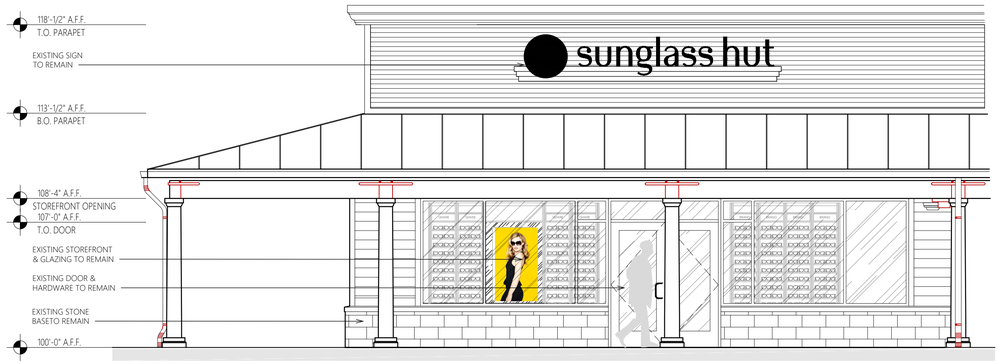
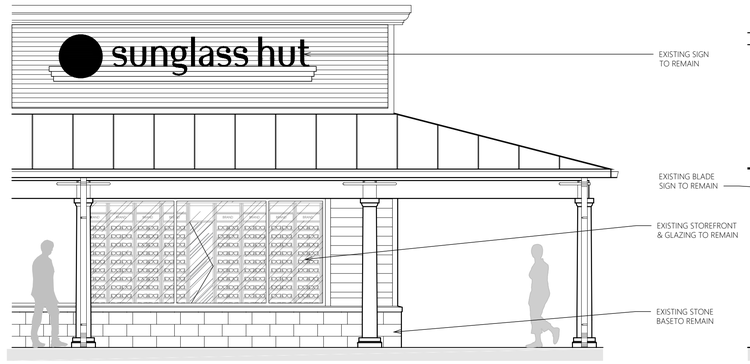


1 STOREFRONT ELEVATION

0 2 4 8

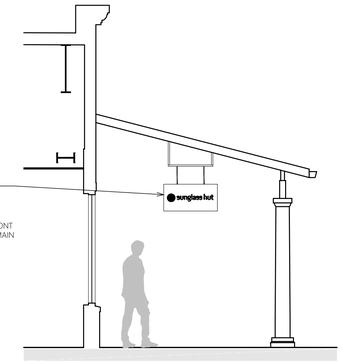
SCALE: 1/4" = 1'-0"



2 STOREFRONT ELEVATION

0 2 4 8

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



3 STOREFRONT ELEVATION

0 2 4 8

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

Advertisement and Graphic Comments:

• Tenant Lightboxes, LED screens/monitors in the storefront windows must meet the following criteria:

-Such screens must not be interactive, contain no audible features and contain no excessively bright or flashing lights and shall operate only during periods when the Premises is open for business.

-Such screens shall not exceed the dimensions set forth in the Tenant's plans, and shall be behind glass.

-All content shown on the screens must be related to the conduct of the Tenant's business in the Premises, does not advertise any products or services other than those of the Tenant, and in keeping with the general character and quality standards of a first class regional outlet center.

-Tenant shall not use such screens to broadcast any commercial television productions, sports events, cinematic theatre productions or other motion picture presentations, unless approved by the Landlord, not to be reasonably withheld.

-Tenant shall promptly remove any content that does not comply with the conditions of this paragraph following notice from the Landlord.

-All wiring for the LED screens/monitors must not be visible and must be done in a clean and neat manner subject to approval in the field.

-Tenant shall promptly remove any content that does not comply with any of the conditions of this paragraph following notice from the Landlord.

• IMPORTANT NOTES REGARDING LIFESTYLE GRAPHICS

-Tenants must design their store layout accordingly to be able to change out and replace any Landlord approved storefront lifestyle graphics during the course of their lease.

-Landlord does not approve installation of any interior walls, framing, permanent fixtures or panels adjacent to existing storefront windows, nor application of gypsum board (drywall) to the inside face of storefront windows.

-All Landlord approved storefront lifestyle graphics must be applied second surface.

-Should Tenant's lifestyle graphic film become faded or damaged, Tenant must replace film within a reasonable time period.

-All future replacement lifestyle graphics are subject to Landlord's review and approval before installation.

-All storefront lifestyle graphics must conform to Landlord's Storefront Criteria and can be accessed by following the center specific "Dam.simon.com" website as noted on the Simon Landlord Received Stamp on the first page of landlord reviewed plans.

SIMON

Storefront Elevation / Section Comments:

• Landlord requires Tenant's installation of temporary lifestyle vinyl graphics on storefront windows during remodel/construction. Proposed temporary storefront graphics must be submitted to the Tenant Manager for Landlord approval before installation. The Landlord does not allow installation of any plastic, film or paper behind or in front of storefront glass while Tenant's construction is underway.

• All signage within the storefront area must be in compliance with Landlord Storefront Criteria. The Storefront Criteria can be found at www.simon.com.

• Tenant is permitted to install interior storefront security/UV film. All tenants must use the specified window tint as follows:
"ARMORCOAT"
- 2 Mil. Clear (standard)
- 4 Mil. Clear (security)
- 7 Mil.-14 Mil. Clear (security plus)
This clear film rejects approximately 99% of UV but provides no protection from the heat.

• Another alternative is Panorama Hiite 70 which is clear on the glass but rejects 55% of solar energy including 95% of near infrared (heat from the sun). It is an advanced film. Interior installation and clear film only will be permitted

• Tenant to use Landlord approved storefront/glazing vendor to match existing conditions with new glazing system and door types when replacement is in scope. All mullions, glazing and door types to match existing center finish.

• Nothing is permitted to be attached to, suspended from, or penetrate Landlord's structure, floor deck, or roof deck. You may attach, non-destructively, to or suspend from the top chord of the joist or the structural steel which exists above the tenant space. When attaching to Landlord's structure, **do NOT drill, weld, screw, or shoot** into structure. Alternative methods of attachment ONLY, nothing to damage landlord's base building structure. Tenant shall provide signed and sealed structural drawings, by a structural engineer with legally active registration as indicated by all jurisdictional requirements, for all structural modifications for Landlord records.

• Any Landlord equipment, component, and / or service feeding other tenant(s) that is existing in the space must remain visible and accessible to the Landlord. Tenant shall install access panels as required to maintain access. Access panels shall be label to properly identify system, coordinate with property's Operations Director.

• When storefront grilles are permitted by Landlord, they must be floor supported and shall attach to Landlord's structure for lateral support only. When in open position, bottom rail of grille must be fully recessed into ceiling treatment above. No welding to structure is permitted.

• Any damage to Landlord property or adjacent Tenants during construction must be repaired to Landlord specifications, at Tenant's expense.

• Storefront air curtains must be fully concealed within the storefront bulkhead/soffit and grilles flush mounted with access panel.

• Approval of the Tenant's construction / design documents by the Landlord shall not constitute review and approval of the Tenant's signage. Signage shop drawings for façade and blade signs must be submitted under separate submittal for Landlord review and approval prior to fabrication and installation of the signs). Send storefront sign shop drawings for review and approval to **POSigns@simon.com**

SIMON

DESIGN & CONSTRUCTION MANAGEMENT:

EssilorLuxottica

NORTH AMERICA STORE DEVELOPMENT
1 West 37th Street New York, NY 10018
+1 212.302.1200

STORE #4728
LEESBURG PREMIUM OUTLETS
241 FORT EVANS RD, NE #605
LEESBURG, VA 20176

Construction for:

sunglass hut
A Brand of EssilorLuxottica

Revisions:

Mark	Date	By
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Architect / Engineer of Record

LINO PICINIC
123 GROVE ST.
TENAFLY, NJ 07670

Seal

Architect / Engineer Job No.: SGH-124

EssilorLuxottica CDS Layout No.:

DD-REV7

EssilorLuxottica Reference Set No.:

SGH06E

EssilorLuxottica Project Number: 101057

Brand Design Type:

SGH06E

ISSUED FOR:

☐ 100% PRELIM ☐ CONSTRUCTION
☐ 100% FINAL ☐ BULLETIN
☐ ADDENDUM

Sheet Name:

STOREFRONT ELEVATION

Date: 8/29/2025
Drawn By: STAFF
Checked By: STAFF

Sheet: A300

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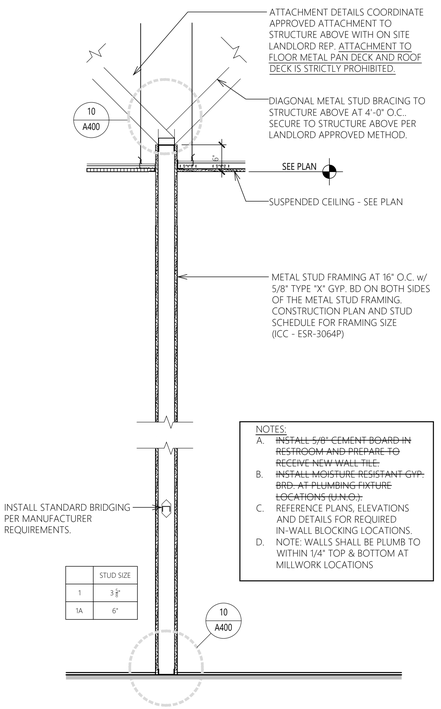
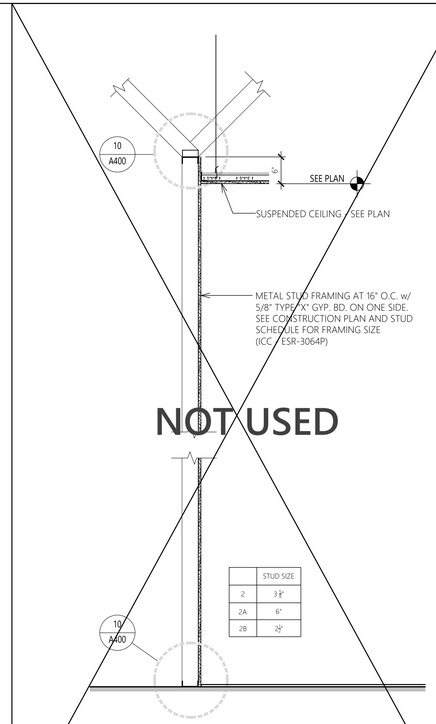


1 WALL SECTION

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

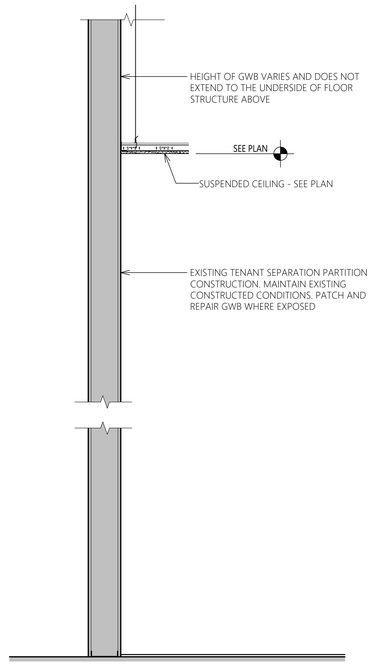
TYPICAL INTERIOR WALL



NOT USED

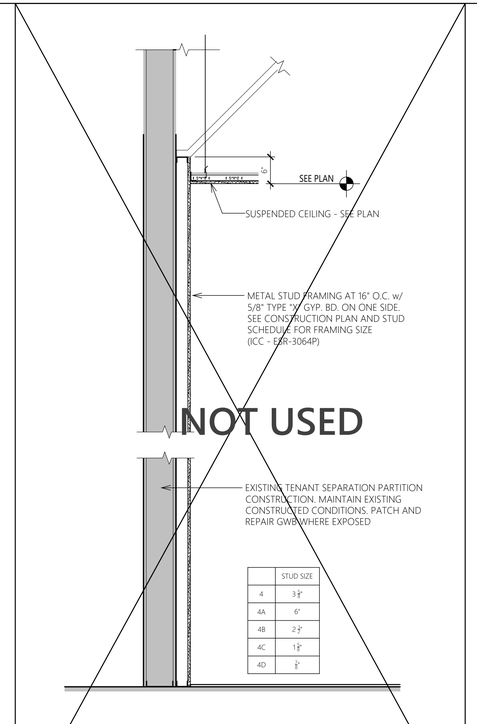
2 WALL SECTION

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



3 WALL SECTION

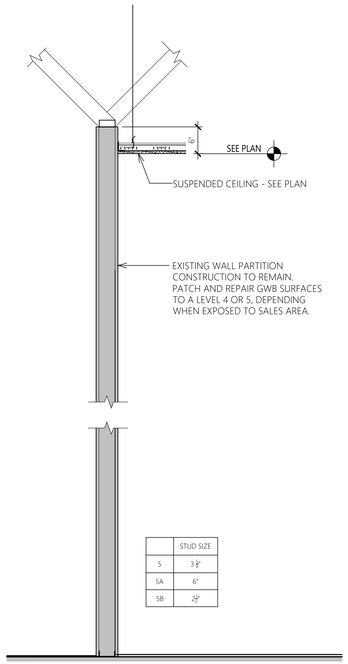
SCALE: 3/4" = 1'-0"



NOT USED

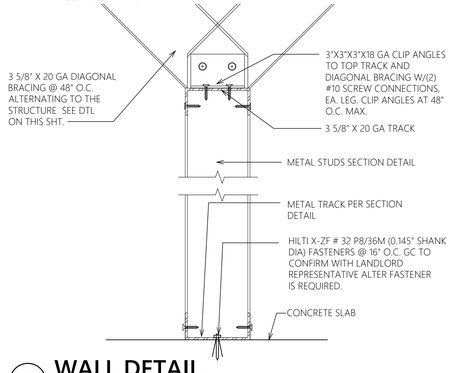
4 WALL SECTION

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



5 WALL SECTION

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



10 WALL DETAIL

SCALE: 3"=1'-0"

SCALE: 3" = 1'-0"

NOTE

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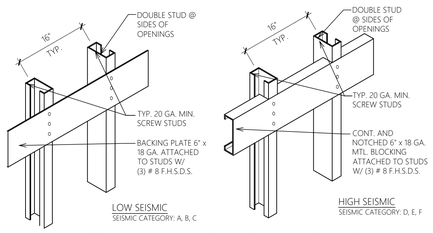


1. SEE TYPICAL WALL FRAMING FOR GAUGE OF STUDS, VERIFY LENGTH, HEIGHT, LOCATION OF BACKING PLATE, AND NUMBER.
2. REQ'D WITH ACCESSORY MANUFACTURERS. USE #12 SELF TAPPING SHEET METAL SCREWS WHEN ATTACHING ITEMS TO BACKING PLATE.
3. WALL STUD FLANGES ARE CONTINUOUS AT BACKING PLATE.
4. BACKING PLATES FOR UPPER WALL HUNG CABINETS (UP TO 2 SHELVES) BASE CABINETS, FULL HEIGHT CABINETS, HANDRAILS, GUARDRAILS, GRAB BARS, WALL HUNG EQUIPTMENT - 250 LBS./FT.

12 IN-WALL BLOCKING DETAIL

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

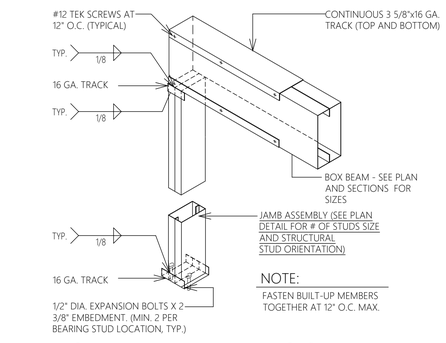
Metal Stud Size Schedule

SIZE	DESIGNATION	@ 16" O.C.	@ 24" O.C.
		SEE NOTES	
EXTERIOR AND LOAD BEARING STUDS			
2 1/2"	250S162-33	12'-6"	10'-9"
	250S162-33	13'-0"	11'-6"
	250S162-33	13'-10"	12'-0"
3 5/8"	362S162-33	16'-0"	13'-6"
	362S162-33	17'-3"	15'-0"
	362S162-33	17'-11"	15'-7"
	362S162-33	18'-6"	16'-9"
	362S162-43	19'-3"	-
	362S162-54	20'-0"	-
	362S162-68	22'-0"	-
6"	600S162-33	20'-0"	15'-0"
	600S162-33	25'-3"	22'-0"
	600S162-33	26'-1"	22'-10"
	600S162-33	26'-8"	23'-8"
	600S162-43	28'-0"	-
	600S162-54	30'-0"	-
	600S162-68	32'-0"	-
INTERIOR, NON-LOAD BEARING, AND FURRING STUDS			
1 5/8"	162S125-18	9'-6"	8'-3"
2 1/2"	250S162-18	12'-6"	10'-9"
	250S162-27	13'-0"	11'-6"
3 5/8"	362S162-18	16'-0"	13'-6"
	362S162-27	17'-3"	15'-0"
4"	400S162-18	17'-3"	14'-3"
	400S162-27	18'-6"	16'-3"
6"	600S162-18	20'-0"	15'-0"
	600S162-27	25'-3"	22'-0"

MILLS / GAUGE CONVERSION

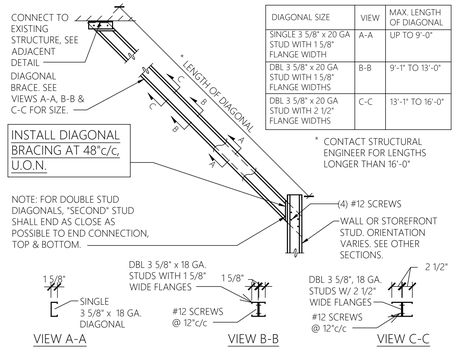
Mills	Gauge
18	25
27	22
33	20
43	18
54	16
68	14

1. HEIGHTS LISTED ARE MAXIMUM UNBRACED HEIGHT. CONFIRM STUD SIZES, LOADS, AND SPANS WITH STUD MANUFACTURER.
2. EXTERIOR AND LOAD BEARING STUDS SHALL BE STRUCTURAL STUDS ONLY.
3. "EQUIVALENT" STUDS MAY BE SUBSTITUTED FOR INTERIOR AND NON-LOAD BEARING STUDS.
4. RUNNER/TRACK GUAGES TO MATCH STUD GUAGE.
5. 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.
6. ICC ESR 3064P.



15 BOX BEAM / BEARING STUD DTL.

SCALE: N.T.S.

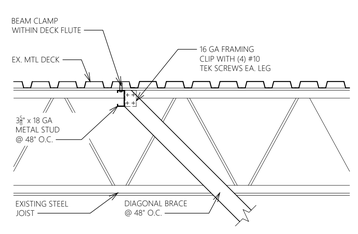


DIAGONAL SIZE	VIEW	MAX. LENGTH OF DIAGONAL
SINGLE 3 5/8" x 20 GA STUD WITH 1 5/8" FLANGE WIDTH	A-A	UP TO 9'-0"
DBL 3 5/8" x 20 GA STUD WITH 1 5/8" FLANGE WIDTHS	B-B	9'-1" TO 13'-0"
DBL 3 5/8" x 20 GA STUD WITH 2 1/2" FLANGE WIDTHS	C-C	13'-1" TO 16'-0"

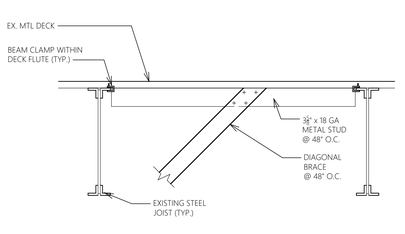
* CONTACT STRUCTURAL ENGINEER FOR LENGTHS LONGER THAN 16'-0"

16 DIAG. BRACING ATTACHMENT DTL

SCALE: N.T.S.



DIAGONAL BRACING PARALLEL WITH JOISTS



DIAGONAL BRACING PERPENDICULAR TO JOIST

17 DIAG. BRACING ATTACHMENT DTL

SCALE: N.T.S.

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DESIGN & CONSTRUCTION MANAGEMENT:

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STORE #4728
LEESBURG PREMIUM OUTLETS
241 FORT EVANS RD, NE #605
LEESBURG, VA 20176

Construction for:

sunglass hut
A Brand of EssilorLuxottica

Revisions:

Mark	Date	By
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Architect / Engineer Job No.: SGH-124

EssilorLuxottica CDS Layout No.:
DD-REV7

EssilorLuxottica Reference Set No.:
SGH06E

EssilorLuxottica Project Number: 101057

Brand Design Type:
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ISSUED FOR:
☐ 100% PRELIM ☐ CONSTRUCTION
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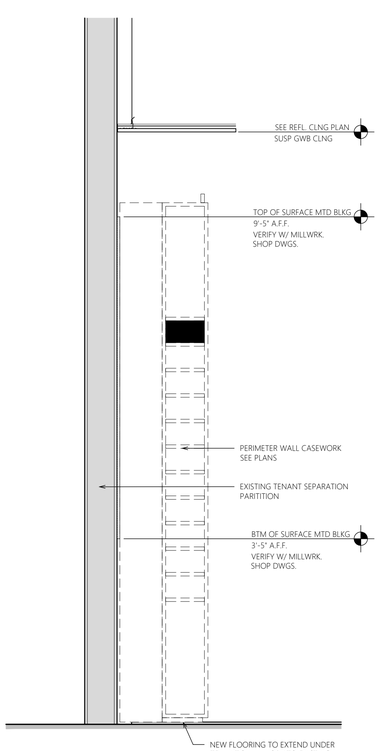
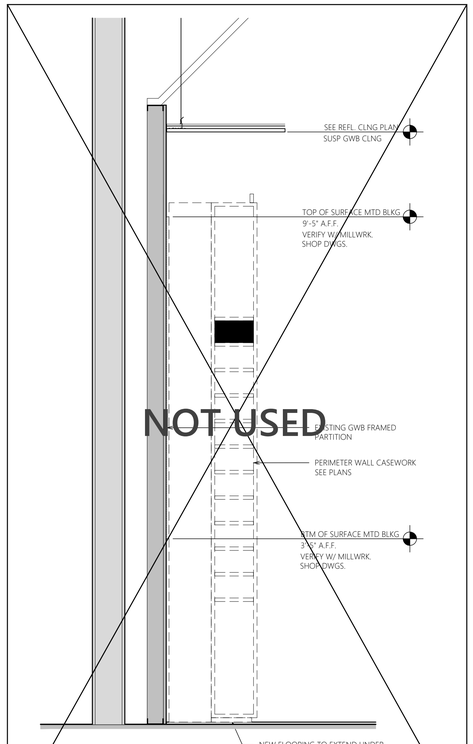


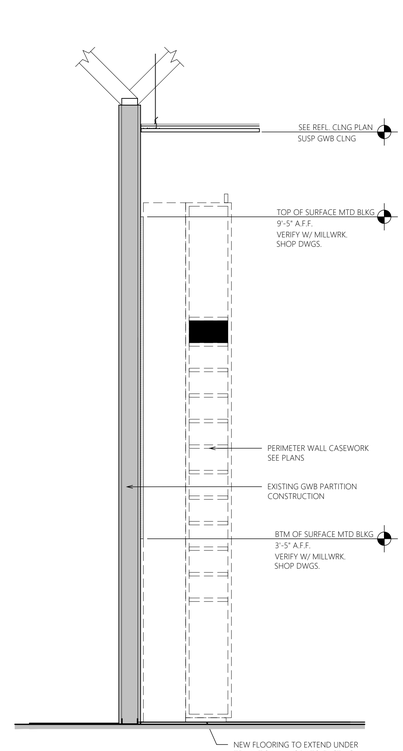
16 **SECTION @ PERIMETER WALL FIXT.**

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



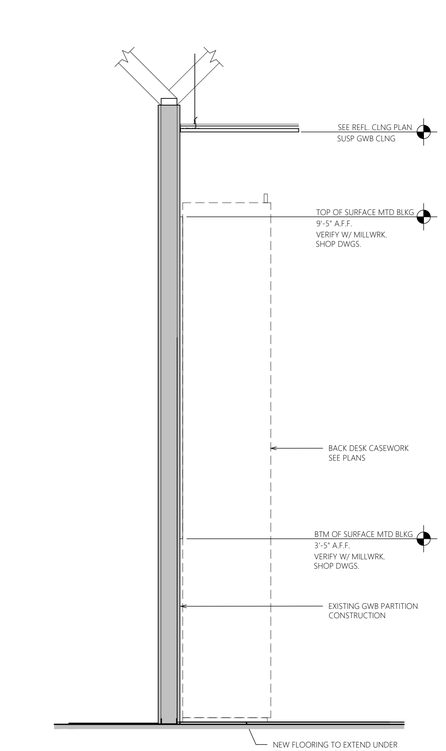
17 **SECTION @ PERIMETER WALL FIXT.**

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



18 **SECTION @ PERIMETER WALL FIXT.**

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



19 **SECTION @ BACK DESK CASEWORK**

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

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Sheet: A402

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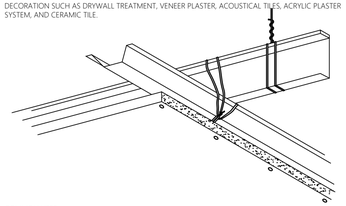
DESCRIPTION:

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, ACOUSTICAL 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:

1. 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.

2. 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 GWB-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 DEVELOP 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 HE MAIN RUNNERS WITH A SADDLE TIE THAT PREVENTS SETTLING, UPLIFT, OR TWISTING OF THE MAIN RUNNERS. SPLICE FURRING WITH A NESTED 12" 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 MANUFACTURES 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 SUED, 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 SPLICED AT CONTROL JOINTS. FLEXIBLE SEALANT OR FOAM TAPE 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 WEIGHING MORE THAN 7LB. PER SF, USE 20 GA FURRING AT REDUCED SPACING.

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:

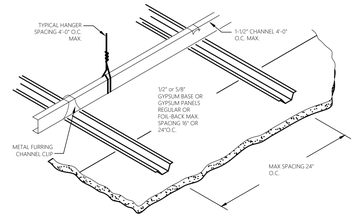
4.2.1 ATTACH RUNNERS TO WALLS WITH 2 FASTENERS AT EACH WALL STUD

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.



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 SPLAY WIRES (SEE FIGURE 2).
- FOR CEILING AREAS EXCEEDING 1,000 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 SPLAY WIRES ARE TO BE FOUR 12 GAGE WIRES ATTACHED TO THE MAIN BEAM. WIRES ARE ARRAYED 90° FROM EACH OTHER AND AT AN ANGLE NOT EXCEEDING 45° FROM THE PLANE OF THE CEILING. SOURCE: CISCA SEISMIC ZONES 3-4
- SEISMIC SPLAY WIRES SHALL BE ATTACHED TO THE GRID AND TO THE STRUCTURE IN SUCH A MANNER THAT THEY CAN SUPPORT 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 APPLICATIONS AND SHALL REQUIRE "SPECIAL INSPECTION" IRRESPECTIVE OF THE TYPE OF OCCUPANCY CATEGORY THE STRUCTURE IS IN. ANCHORS FOR KICKER WIRES (SPLAYED WIRES INSTALLED FOR PURPOSES OTHER THAN SEISMIC RESTRAINT) ARE EXEMPT FROM REQUIREMENT. SOURCE: STATE OF OREGON, BUILDING CODES DIVISION.
- SPLAY WIRES ARE TO BE WITHIN 2 INCHES OF THE CONNECTION OF THE VERTICAL STRUT TO SUSPENDED CEILING. SOURCE: CISCA SEISMIC ZONES 3-4
- RIDGED BRACING MAY BE USED IN LIEU OF SPLAY 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 4a AND 4b)

- WALL MOLDINGS (PERIMETER CLOSURE ANGLES) ARE REQUIRED TO HAVE A HORIZONTAL FLANGE 2 INCHES WIDE. 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 I 3.5.6.2.2 b
- 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 EXTEND 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 CROSS 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 CROSS 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

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 12 GAGE AND SPACED 4 FEET ON CENTER OR 10 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 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 12 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 12 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 12 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 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 I 3.5.6.2.2 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 DETAILED 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.

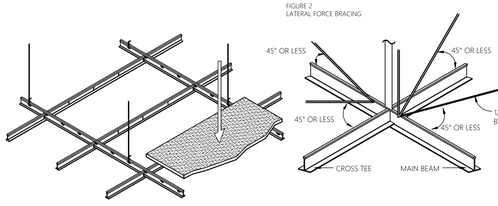
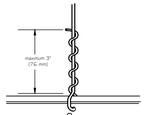


FIGURE 2
LATERAL FORCE BRACING

THIS DOCUMENT PROVIDES THE IBC-REFERENCED STANDARDS FOR THE INSTALLATION OF SUSPENSION SYSTEMS FOR ACOUSTICAL LAY-IN CEILINGS. INCORPORATION OF THIS DOCUMENT WILL PROVIDE A MORE UNIFORM STANDARD FOR INSTALLATION AND INSPECTION. THIS DOCUMENT IS DESIGNED TO ACCOMPLISH THE INTENT OF THE INTERNATIONAL BUILDING CODE (IBC) WITH REGARD TO THE REQUIREMENTS FOR SEISMIC DESIGN CATEGORY D, E, AND F FOR SUSPENDED CEILINGS AND RELATED ITEMS. UNLESS SUPPORTED BY ENGINEERING, THE SUSPENSION SYSTEM SHALL BE INSTALLED PER THE REQUIREMENTS FOR SEISMIC DESIGN CATEGORY (SDC) D, E AND F PER THE IBC. MANUFACTURERS' RECOMMENDATIONS SHOULD BE FOLLOWED.

GENERAL RECOMMENDATIONS

- REFERENCED SOURCES PER HIERARCHY: 2009 IBC (INTERNATIONAL BUILDING CODE), AMERICAN SOCIETY OF TESTING MATERIALS (ASTM C 635, ASTM C 636, ASTM E 580/ASTM E 580M), AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE7-05) AND CEILINGS AND INTERIOR SYSTEMS CONSTRUCTION ASSOCIATION (CISCA).
- PARTITIONS THAT ARE TIED TO THE CEILING AND ALL PARTITIONS GREATER THAN 6 FEET IN HEIGHT SHALL BE LATERALLY BRACED TO THE STRUCTURE. BRACING SHALL BE INDEPENDENT OF THE CEILING SPLAY BRACING SYSTEM. SOURCE: ASCE 7-05 SECTION 13.5.8.1
- FOR FURTHER INFORMATION ON BRACING OF NON-LOAD BEARING PARTITIONS REFER TO NWCB TECHNICAL DOCUMENT #200-501
- ALL MAIN BEAMS ARE TO BE HEAVY DUTY (HD). SOURCE ASCE 7-05 SECTION 13.5.6.2.2 a
- ALL CROSS TEES SHALL BE CAPABLE OF CARRYING THE DESIGN LOAD WITHOUT EXCEEDING DEFLECTION EQUAL TO 1/360 OF ITS SPAN. SOURCE CISCA ZONES 3-4



- THESE RECOMMENDATIONS ARE INTENDED FOR SUSPENDED CEILINGS INCLUDING GRID, PANEL OR TILE, LIGHT FIXTURES AND AIR TERMINALS WEIGHING NO MORE THAN 4LBS PER SQUARE FOOT. SOURCE ASCE 7-05 SECTION 13.5.6.1
- ALL WIRE TIES ARE TO BE THREE TIGHT TURNS AROUND ITSELF WITHIN THREE INCHES. TWELVE GAGE HANGER WIRE SPACED 4 FOOT ON CENTER (FIGURE 1). SOURCE ASTM C 636 ITEM 2.3.4
- CHANGES IN CEILING PLANES WILL REQUIRE POSITIVE BRACING. SOURCE: ASCE 7-05 13.5.6.2.2 f

FIGURE 3
MAXIMUM RECOMMENDED LENGTHS FOR VERTICAL STRUTS

EMT CONDUIT	
1/2" EMT conduit	up to 5'-10"
3/4" EMT conduit	up to 7'-8"
1" EMT conduit	up to 9'-9"
METAL STUDS	
Single 1-5/8" metal stud (20 gauge)	up to 12'-0"
Back-to-back 1-5/8" metal stud (20 gauge)	up to 15'-0"
Single 2-1/2" metal stud (20 gauge)	up to 13'-6"
Back-to-back 2-1/2" metal stud (25 gauge)	up to 15'-0"

SOURCE: PORTLAND BUILDING DEPARTMENT

NOTE: PLENUM AREAS GREATER THAN 15'-0" WILL REQUIRE ENGINEERING CALCULATIONS.

FIGURE 4a
ATTACHED WALL MOLDING REQUIREMENTS

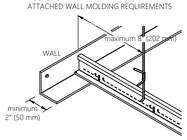
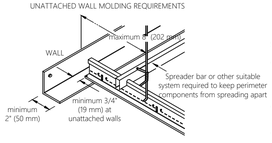


FIGURE 4b
UNATTACHED WALL MOLDING REQUIREMENTS



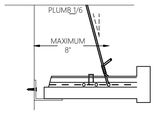


FIGURE 5a

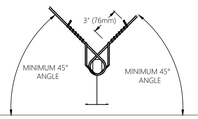


FIGURE 5b • COUNTER SLOPING

VERTICAL HANGER WIRE ATTACHMENT

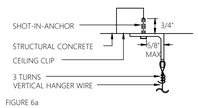


FIGURE 6a

SPLAYED SEISMIC BRACING WIRE ATTACHMENT

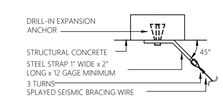


FIGURE 6b

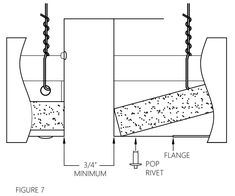


FIGURE 7

SPRINKLERS

FOR CEILING WITHOUT RIGID BRACING, SPRINKLER HEAD PENETRATIONS SHALL HAVE A 2 INCH OVERSIZE RING, SLEEVE OR ADAPTER THROUGH THE CEILING TILE TO ALLOW FREE MOVEMENT OF AT LEAST 1 INCH IN ALL HORIZONTAL DIRECTIONS. FLEXIBLE HEAD DESIGN THAT CAN ACCOMMODATE 1 INCH FREE MOVEMENT SHALL BE PERMITTED AS AN ALTERNATE. SOURCE: ASCE 7-05 13.5.6.2.2 e

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.

DIFFUSER
A CIRCULAR OR RECTANGULAR METAL GRILL USED FOR THE PASSAGE OF AIR FROM A DUCTED SYSTEM.

ESSENTIAL SERVICE BUILDINGS
ANY BUILDING DESIGNED TO BE USED BY PUBLIC AGENCIES AS A FIRE STATION, POLICE STATION, EMERGENCY OPERATIONS CENTER, STATE PATROL OFFICE, SHERIFF'S OFFICE, OR EMERGENCY COMMUNICATION DISPATCH CENTER.

GRID
THE MAIN BEAMS AND CROSS TEES OF THE SUSPENSION SYSTEM.

HANGER WIRE
10 OR 12 GAGE SOFT ANNEALED WIRE USED AS PRIMARY SUPPORT FOR THE GRID SYSTEM. ALSO CALLED SUSPENSION WIRES.

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 SPLAY WIRES.

MAIN BEAM
THE PRIMARY SUSPENSION MEMBER SUPPORTED BY HANGER WIRES, ALSO KNOWN AS THE MAIN RUNNER. CARRYING TEE, CARRYING RUNNER OR MAINS.

MOLDING/CLOSURE ANGLE
A LIGHT GAUGE METAL ANGLE OR CHANNEL FASTENED TO THE PERIMETER WALL OR PARTITION TO SUPPORT THE PERIMETER ENDS OF AN ACOUSTICAL CEILING GRID

PERIMETER CLIPS
PROPRIETARY ANGLE BRACKET ATTACHED DIRECTLY TOT EH WALL MOLDING/CLOSURE ANGLE WHICH ALLOWS FOR 3/4" MOVEMENT IN THE EVENT OF SEISMIC ACTIVITY AND INTERLOCKS PROPERLY WITH ENDS OF GRID SYSTEM.

PERIMETER WIRES
HANGER WIRES PLACED WITHIN EIGHT INCHES OF THE SURROUNDING WALLS.

PLENUM
THE SPACE ABOVE A SUSPENDED CEILING.

SLACK WIRE
A 12 GAGE WIRE THAT IS NOT TIGHT OR TAUT.

SPREADER OR SPACER BAR
A BAR WITH NOTCHES TO PREVENT THE SUSPENSION SYSTEM FROM SEPARATING, ALSO CALLED A STABILIZER BAR.

SPLAY WIRES
WIRES INSTALLED AT AN ANGLE RATHER THAN PERPENDICULAR TO THE GRID.

VERTICAL STRUTS
THE RIGID VERTICAL MEMBER USED IN LATERAL FORCE BRACING OF THE SUSPENSION SYSTEM. ALSO KNOWN AS A COMPRESSION POSTS, SEISMIC PODS, SEISMIC STRUTS. COMMON MATERIALS ARE ELECTRICAL CONDUIT (EMT), METAL STUDS OR PROPRIETARY PRODUCTS.

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 (SPLAYED 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 SPECIFIED 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 SPLAYED WIRES, THE ADDITION OF COMPRESSION STRUTS WILL ONLY BE REQUIRED WHEN AND WHERE THE GRID IS REPLACED, ALTERED, RAISED OR LOWERED.

2 SUSPENDED SYSTEMS FOR ACOUSTICAL LAY-IN CEILINGS
NO SCALE

DESIGN & CONSTRUCTION MANAGEMENT:

EssilorLuxottica
NORTH AMERICA STORE DEVELOPMENT
1 West 37th Street New York, NY 10018
+1 212.302.1200

STORE #4728
LEESBURG PREMIUM OUTLETS
241 FORT EVANS RD, NE #605
LEESBURG, VA 20176

Construction for:

Mechanical Comments:

• Any changes and/or upgrades to tenant's existing mechanical systems shall comply with all codes and property Criteria.

• No pitch pockets are permitted on the roof for any condensate drains, refrigerant piping, power or control wiring. All connections are to be made inside the equipment curb or through pre-manufactured piping curb.

• Nothing is permitted to be attached to, suspended from, or penetrate Landlord's structure or roof deck. You may attach, non-destructively, to or suspend from the top chord of the joist or the structural steel which exists within the tenant space. When attaching to Landlord's structure, **do NOT drill, weld, screw, or shoot** into structure. Alternative methods of attachment ONLY, nothing to damage Landlord's base building structure. Tenant shall provide signed and sealed structural drawings, by a structural engineer with legally active registration as indicated by all jurisdictional requirements, for all structural modifications to the space for Landlord records.

• All penetrations to roof must be approved by Landlord. All related roof work MUST be done by property's designated roofing contractor, at Tenant's expense. Coordinate all work with Property Management on site.

• Tenant must remove all abandoned rooftop and/ or mechanical equipment above the leased premises and within the leased premises, at tenant expense. Patch and repair roof back to a flush finished infill as needed.

• Tenant's GC to label all roof top equipment with tenant name space number and equipment identification (ie: Fellows, #1700, RTU-1,) per mall specifications/ standards.

• All piping on roof shall be supported on pre-manufactured pipe supports (Duralock, or similar) installed on carry tread (or similar roofing slip sheets), spaced properly to support piping. Treated wood supports are not permitted.

• All exposed ductwork shall be sheet metal. Flex duct may only be used in runs of 5'-0" or less and only permitted above grid or drywall ceilings. Rigid board ductwork can be used above grid or drywall ceilings, as well as Flex connections.

• At conclusion of project, HVAC system must be tested and balanced by a licensed contractor. Copy of balance report must be provided to Property Management office on-site.

• HVAC system capacity at Tenant's request beyond the standard Landlord provided 1ton/350sf, the Tenant assumes responsibility to maintain no more than a 0.10" positive pressure within the space with respect to ambient. Failure to maintain conditions below this maximum pressure may result in damage to building roofing systems for which the Tenant will be held responsible. The Tenant is encouraged to utilize a prudent means of pressure control in their HVAC system design.

• If the tenant proposes to replace any of the existing HVAC Units (R.T.U.'s) the tenant must follow the criteria below and submit all requested information to the Landlord for review and approval prior to installation of the new unit(s).

See the criteria below regarding RTU replacement:

1.Provide Landlord with quantity, brand, model # and installed weights for the proposed replacement HVAC units.

2.Provide Landlord with quantity, brand, model # and installed weights for existing units.

3.Provide Landlord with weight comparison for existing versus replacement units - will the new units weigh more or less than existing units?

4.Indicate if the replacement units will be installed in same locations as existing units, and on same roof curbs.

5.Indicate if new roof curb adapters will be installed.

6.Or indicate if unit will be installed in new location so new roof penetrations & curbs will be required.

7.Whenever a replacement unit weighs more than the existing unit, Tenant or their HVAC contractor are required to submit written confirmation that the existing roof structure, trusses and/or roof framing were designed to carry the heavier installed weight load of new HVAC unit(s).

8.Written confirmation must include the weight of any applicable new roof curbs or curb adapters.

9.Tenant or HVAC contractor has to provide Landlord with a wet-signed & stamped letter and calculations from a licensed structural engineer prior to scheduling HVAC replacement work. Wet-signed & stamped letter and calculations from a licensed structural engineer may be submitted to Landlord via email.

Allow one week for Landlord to review above information and to prepare an approval letter for HVAC unit replacement.

HVAC contractors must contact the center office a week in advance of installation for their certificate of insurance requirements. They may also require a COI from the crane company.

· HVAC contractors must contact the center office regarding proposed schedule & timing. HVAC unit replacement cannot start until Landlord has approved the HVAC replacement work in writing.

· Tenant must use the Landlord's required roofer.

SIMON
PREMIUM OUTLETS

Roof Top Equipment Comments:

• Roof equipment, including but not limited to HVAC equipment, kitchen equipment, ducts, and piping shall be shown on a roof plan to be included in Tenant's drawings submission. Such equipment shall not be visible from the ring road, located within the designated roof area of the Premises and minimum of 5'-0" from the vertical plane of any demising partition located. Equipment screens or screen walls may be required and shall be approved in writing by Landlord under separate cover. The Tenant must locate any mechanical equipment air intake no closer than 10'0" to any other roof top mechanical equipment intake or exhaust.

• If the Tenant intends to add new rooftop mechanical equipment or replace existing rooftop equipment with heavier units, the Tenant must provide at its sole expense a licensed structural engineer's review of the proposed new roof equipment. The structural engineer's analysis must definitively conclude that the structure can support the weight of the unit as is, or if the structure cannot support the additional weight, then the appropriate structural reinforcement drawings/details must be submitted. Structural details are to be signed, sealed, and submitted to the Landlord prior to installation for their records by a licensed structural engineer with legally active registration in the state in which the project is located. If structural reinforcements are needed, such drawings must also be submitted to and approved by the local AHJ prior to the installation or modification of any roof top equipment. Landlord reserves the right to have a 3rd party engineer review Tenant's design and may require Tenant to provide documentation from a 3rd party inspector to verify that structural installation has been installed per the stamped and approved drawings.

• In connection with any roof top equipment work, the Tenant shall maintain proper roof drainage to existing drain locations and provide roofing, flashing, and waterproofing for installation of new curb per Landlord's criteria at Tenant's sole expense.

• Condensate shall drain into an interior floor drain or mop sink within the Premises or follow the existing conditions condensate drain line configuration on the roof. Consult with property's Operations Director for the approved condensate drain line configuration prior to start of construction.

• Tenant shall label all roof top equipment indicating: Tenant name, space number, and equipment identification (ie: Fellows, #1700, RTU-1) per Landlord's Design Criteria.

• Equipment that utilizes condenser coils shall be equipped with hail guards.

• Landlord requires all food Tenants to install a grease guard between its kitchen hood exhaust fan and the existing roof material. Simon Property Group requires all food use tenants to install one of two grease collection system options: "Grease-Guard G-2," manufactured by Rooftop Defense Systems: T: 1.800.913.7034 or "Grease Gutter," manufactured by Omni Containment Systems, T: 877.226.6824.

• Landlord requires all food Tenants to install their exhausts a minimum of 10ft from surrounding intakes including adjacent tenant intakes, however 20ft-25ft of separation is strongly recommended.

• Ensure walk pads surround new units.

• Ensure all roof penetrations have boots.

• Landlords strongly prefers use of energy star products and/or equipment whenever possible during Tenant build out, which can reduce energy consumption.

For additional information visit www.energystar.gov/products

SIMON
PREMIUM OUTLETS

NEW OR REPLACEMENT HVAC UNITS:

If the tenant requires replacement of the existing HVAC Unit, tenant must comply with Landlord's additional requirements.

•Whenever a replacement unit weighs more than the existing unit, Tenant or their HVAC contractor are required to submit written confirmation that the existing roof structure, trusses and or roof framing were designed to carry the heavier installed weight load of new HVAC unit(s).
•Written confirmation must include the weight of any applicable new roof curbs or curb adapters.
•Tenant or HVAC contractor must provide the Landlord with a wet-signed & stamped letter and calculations form a licensed structural engineer prior to scheduling HVAC replacement work.
•Wet-signed & stamped letter and calculations from a licensed engineer may be submitted to Landlord via email.
•Allow one week for LL to review above information and to prepare an approval letter for HVAC unit replacement.
•HVAC contractors must contact the center office a week in advance of installation for their certificate of insurance requirements. They may also require a COI from the crane company.
•HVAC contractors must contact the center office regarding proposed schedule & timing. HVAC replacement cannot start until Landlord has approved the HVAC replacement work in writing.
•Tenant must use Landlord's roofer for all roof penetrations and roofing work.

Air System Sizing Summary for RTU-1

Project Name: 13219 - Sunglass Hut - Leesburg VA
Prepared by: Marque Engineering
08/13/2025
05:16PM

Air System Information

Air System Name	RTU-1	Number of zones	1
Equipment Class	PKG ROOF	Floor Area	645.0 ft²
Air System Type	SZCAV	Location	Leesburg, Virginia

Sizing Calculation Information

Calculation Months	Jan to Dec	Zone CFM Sizing	Sum of space airflow rates
Sizing Data	Calculated	Space CFM Sizing	Individual peak space loads

Central Cooling Coil Sizing Data

Total coil load	3.3 Tons	Load occurs at	Aug 1600
Total coil load	39.9 MBH	OA DB / WB	94.3 / 76.4 °F
Sensible coil load	32.6 MBH	Entering DB / WB	78.4 / 66.2 °F
Coil CFM at Aug 1600	1602 CFM	Leaving DB / WB	59.3 / 58.1 °F
Max block CFM	1602 CFM	Coil ADP	57.1 °F
Sum of peak zone CFM	1602 CFM	Bypass Factor	0.100
Sensible heat ratio	0.817	Resulting RH	54 %
CFM/Ton	481.3	Design supply temp.	58.0 °F
ft²/Ton	193.8	Zone T-stat Check	0 of 1 OK
BTU/(hr·ft²)	61.9	Max zone temperature deviation	0.2 °F
Water flow @ 10.0 °F rise	N/A		

Central Heating Coil Sizing Data

Max coil load	24.4 MBH	Load occurs at	Des Htg
Coil CFM at Des Htg	1602 CFM	BTU/(hr·ft²)	37.8
Max coil CFM	1602 CFM	Ent. DB / Lvg DB	64.1 / 78.3 °F
Water flow @ 20.0 °F drop	N/A		

Supply Fan Sizing Data

Actual max CFM	1602 CFM	Fan motor BHP	0.00 BHP
Standard CFM	1579 CFM	Fan motor kW	0.00 kW
Actual max CFM/ft²	2.48 CFM/ft²	Fan static	0.00 in wg

Outdoor Ventilation Air Data

Design airflow CFM	154 CFM	CFM/person	12.35 CFM/person
CFM/ft²	0.24 CFM/ft²		

Hourly Analysis Program 5.11 — Page 1 of 3

GENERAL NOTES - APPLIES TO ALL SHEETS

A. 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.

B. EXISTING MECHANICAL INFORMATION IS BASED ON LIMITED EXISTING BUILDING DRAWINGS AND FIELD WORK. THE 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.

C. G.C. SHALL NOTIFY TENANT, ARCHITECT AND ENGINEER OF ANY SITUATIONS THAT MODIFY OR INCREASE THE SCOPE OF WORK FROM WHAT IS DESCRIBED IN THE DOCUMENTS.

D. G.C. SHALL BE RESPONSIBLE FOR ALL CUTTING/PATCHING RELATED TO THEIR WORK.

E. 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.

F. COORDINATE LOCATION AND ELEVATION OF MECHANICAL WORK WITH ALL DUCTWORK, LIGHT FIXTURES, AND OTHER CEILING BUILT-IN FIXTURES. CONTACT ENGINEER OR ARCHITECT IMMEDIATELY SHOULD ANY CONFLICT ARISE.

G. MOUNTING OF ALL EQUIPMENT, DUCTWORK AND PIPING MUST BE DONE PER BUILDING GUIDELINES AND LOCAL CODES AND INDUSTRY STANDARDS. COORDINATE INSTALLATION OF EQUIPMENT SUPPORT WITH BUILDING MANAGER AND NEXTORE REPRESENTATIVE.

H. NO PVC PIPING ALLOWED IN PLENUM AREAS.

I. DUCT SIZES INDICATED REPRESENT CLEAR INTERIOR SHEET METAL DIMENSIONS.

J. ALL DUCTWORK CONCEALED ABOVE CEILINGS, AND ALL OUTSIDE AIR DUCTS, SHALL BE EXTERNALLY INSULATED. IF DUCTWORK IS RUN IN A NON-CONDITIONED SPACE ALL DUCTWORK MUST BE INSULATED WITH 2" FIBERGLASS INSULATION AND VAPOR BARRIER.

K. BRANCH DUCTS SERVING DIFFUSERS SHALL BE SIZED TO MATCH DIFFUSER NECK SIZE INDICATED.

L. ALL ROUND DUCT ELBOWS SHALL BE LONG SWEEP, 1-1/2 TIMES THE CENTERLINE RADIUS.

M. G.C. MUST REPLACE ALL AIR FILTERS IN HVAC UNITS WITH NEW CLEAN FILTERS BEFORE AIR BALANCING AND PRIOR TO FINAL TURNOVER TO TENANT.

N. 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 ANY EXTRAORDINARY MEASURES.

O. THE TENANT RESERVES THE RIGHT TO CHECK CONSTRUCTION COMPLIANCE WITH PLANS AND SPECIFICATIONS. SHOULD THE TENANT FIND CORRECTIVE WORK NECESSARY, HE WILL NOTIFY G.C. OF SUCH WORK IN WRITING AND EXPECT COMPLIANCE PERFORMED WITH DUE DILIGENCE. IF ANY CORRECTIVE WORK IS DEEMED TO BE NECESSARY, THE 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 THE G.C. CAN NOT ACCOMPLISH THE TASK, THEN AFTER 72 HOURS OF WRITTEN NOTICE, THE TENANT MAY AT HIS DISCRETION TAKE OVER SUCH WORK AND BACK CHARGE THE G.C. FOR ANY CORRECTIVE WORK THAT WAS REQUIRED DUE TO LACK OF PERFORMANCE, WORKMANSHIP AND/OR ADHERENCE TO PLANS AND SPECIFICATIONS.

P. DUCTWORK SHALL NOT BE ROUTED OVER ELECTRIC PANELS AND TRANSFORMER.

Q. GC RESPONSIBLE TO OBTAIN CERTIFIED AIR BALANCING REPORT FROM THIRD-PARTY VENDOR INDEPENDENT FROM THE HVAC CONTRACTOR. GC TO COORDINATE WITH THIRD-PARTY VENDOR REGARDING THE SITE READINESS AND DATES OF INSPECTIONS AROUND TAB REPORTS, PRE-GRID WALK THROUGH AND COMMISSIONING. IF SITE IS NOT READY AND THE THIRD-PARTY VENDOR NEEDS TO RETURN TO PERFORM THEIR WORK, THE GC WILL BE RESPONSIBLE FOR ANY COSTS INCURRED FOR A REVISIT AS REQUIRED

R. ANY DISCREPANCIES, ERRORS, OR OMISSIONS DISCOVERED IN THE CONTRACT DOCUMENTS BY THE GC SHALL BE BROUGHT TO THE ATTENTION OF THE ESSILOR LUXOTTICA PROJECT MANAGER FOR DIRECTION BEFORE PROCEEDING WITH THE RELATED WORK OTHERWISE, THE CORRECTION OF SUCH ITEMS WILL BE THE RESPONSIBILITY OF THE GC.

PROVIDE FIRE STOPPING FOR ALL PENETRATIONS OF FIRE WALLS. PROVIDE THROUGH WALL FIRE STOPPING FOR ALL LOCATIONS WHERE JUNCTION BOXES IN A DEMISING WALL, OR OTHER FIRE WALL.

VENTILATION SCHEDULE

Sunglass Hut - Leesburg, VA

							Vbz = Az x Ra + Rp x Pz									
			Table 403.3.1.1				PEOPLE	AREA	OA	AIR		SA		Zp =		Vot =
		Az	OCCUPANCY	Rp	Ra	Pz	Rp x Pz	Az x Ra	CFM	Eff	Voz=	CFM	OA	Voz /		Voz /
	ROOM NAME	SQFT	CATEGORY	CFM/P	CFM/SQFT	people	CFM	CFM	Vbz	Ez	Vbz/Ez	Vpz	.	Vpz	Ev	Ev
													10%			
	Sales	545	Sales	7.5	0.12	0	0	65	65	0.8	82	2250	225	0.04	1.00	82
	Stockroom	50	Storage	0	0.12	2	0	6	6	0.8	8	100	10	0.08	1.00	8
	Restroom	47	Restroom	0	0	0	0	0	0	0.8	0	50	5	0.00	1.00	0
	RTU-1	642				2					89	2400	240			89

ROOFTOP UNIT SCHEDULE

TAG	MANUFACTURER	MODEL	NOMINAL TONNAGE	SUPPLY CFM	OA CFM	ESP IN IN. W.C.	TOT BTUH	SENS BTUH	EER	STAGE	HTG IN BTUH	HTG OUT BTUH	ELECTRICAL						WEIGHT IB	REMARKS
													BHP	VOLTAGE	PHASE	FLA	MCA	MOCP		
E-RTU	CARRIER	48TCEA07A5	6.0	2400	240	0.5	70,000	49,000	11.0	1	115,000	93,000	2.4	208	3	-	35	50	716	A,B,C

REMARKS:
A. ALL HVAC EQUIPMENT TO BE FIELD LABELED TO IDENTIFY WHICH AREAS OF THE BUILDING THEY SERVE.
B. MERV 8 PLEATED FILTER.
C. EXISTING ROOFTOP UNIT. MECHANICAL CONTRACTOR TO SERVICE ROOFTOP UNIT TO ASSURE IT IS OPERATING PROPERLY AND REPLACE ALL FILTERS.

RESPONSIBILITY SCHEDULE (HVAC)

T= TENANT
GC= GENERAL CONTRACTOR
LL= LANDLORD
MW= MILLWORKER
N/A= NOT APPLICABLE

DIVISION 15000 - MECHANICAL	SUPPLIED BY	RECEIVED BY	INSTALLED BY	EXISTING	DISCO & REPAIR	RELOCATE	REMARKS
ACCESS PANELS	GC	GC	GC				COORDINATE WITH TRADES FOR SIZE AND LOCATION.
ROOF WORK	GC	GC	GC				GC TO COORD. W/ LANDLORD WHEN REQUIRED
HVAC DISTRIBUTION, DUCTWORK, DIFFUSERS	GC	GC	GC				SEE PLANS FOR SCOPE OF WORK.
HVAC UNIT(S) - RTU, VAV, HAV, ETC.	T	GC	GC	●			
HVAC UNIT CURB(S)	GC	GC	GC	●			REUSE EXISTING CURBS OR USE CURB ADAPTERS WHEN POSSIBLE.
CONTROLS FOR HVAC UNIT(S)	GC	GC	GC				WHERE LANDLORD CONTROLS ARE REQUIRED, UTILIZE LANDLORD CONTROLS CONTRACTOR AT GC'S EXPENSE
STRUCTURAL SUPPORTS FOR RTU'S.	GC	GC	GC				COORDINATE NEED FOR STRUCTURAL ANALYSIS WITH ARCHITECT AS SOON AS POSSIBLE.
STRUCTURAL SUPPORTS FOR VAV'S	GC	GC	GC				COORDINATE NEED FOR STRUCTURAL ANALYSIS WITH ARCHITECT AS SOON AS POSSIBLE.
STRUCTURAL SUPPORTS FOR AIR HANDLERS	GC	GC	GC				COORDINATE NEED FOR STRUCTURAL ANALYSIS WITH ARCHITECT AS SOON AS POSSIBLE.
TOILET ROOM EXHAUST FAN	GC	GC	GC				N/A
LANDLORD ENERGY MANAGEMENT SYSTEM	GC	GC	GC				GC TO HIRE LANDLORD CONTROLS CONTRACTOR FOR TEMPERATURE CONTROLS WHERE A LANDLORD CONTROL SYSTEM EXISTS.
SMOKE EVACUATION SYSTEM & CONTROLS	GC	GC	GC				SEE PLANS FOR SCOPE OF WORK.
SMOKE DETECTORS	GC	GC	GC				SEE PLANS FOR SCOPE OF WORK.

MEP RESP SCHEDULE-REV01

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sunglass hut
A Brand of EssilorLuxottica

Revisions:

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EssilorLuxottica CDS Layout No.: **DD-REV7**

EssilorLuxottica Reference Set No.: **SGH06E**

EssilorLuxottica Project Number: 101057

Brand Design Type: **SGH06E**

ISSUED FOR:
☐ 100% PRELIM ☐ CONSTRUCTION
☐ 100% FINAL ☐ BULLETIN
☐ ADDENDUM

Sheet Name: HVAC SCHEDULES

Date: 8/27/2025
Drawn By: MQE
Checked By: MQE
Sheet: M001

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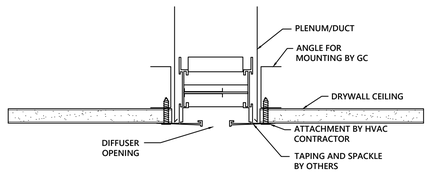
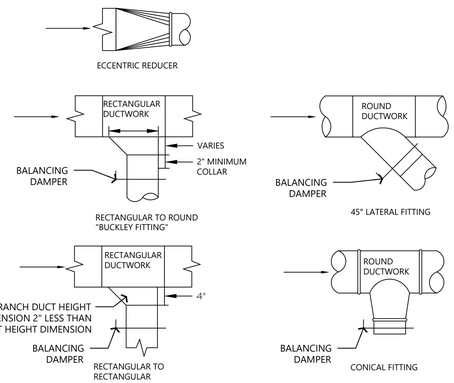


M005 TRIMLESS DIFFUSER INSTALLATION

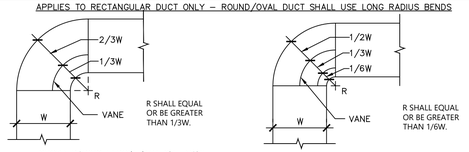
M005-SGH-M002-REV01

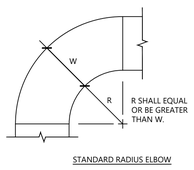


M009 DUCT BRANCH TAKE-OFF DETAIL

M009-SGH-M002-REV01

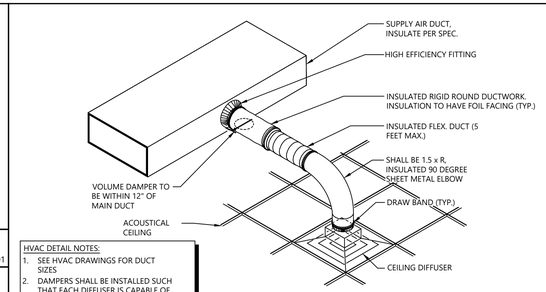
APPLIES TO RECTANGULAR DUCT ONLY – ROUND/OVAL DUCT SHALL USE LONG RADIUS BENDS





M010 RADIUS ELBOW DETAIL

M010-SGH-M002-REV01



HVAC DETAIL NOTES:
1. SEE HVAC DRAWINGS FOR DUCT SIZES
2. DAMPERS SHALL BE INSTALLED SUCH THAT EACH DIFFUSER IS CAPABLE OF INDEPENDENT BALANCING

M012 DUCT CONNECTION DETAIL

M012-SGH-M002-REV01

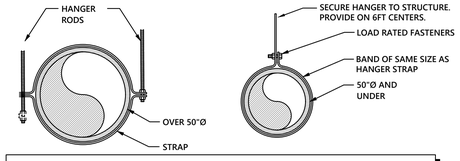
TABLE - 2			
ALLOWABLE HANGER LOAD, MAX.			
STRAPS	LBS.	RODS	LBS.
(2) 1" x 22 GA.	520	(2) 1/4"Ø	540
(2) 1" x 20 GA.	640	(2) 3/8"Ø	1360
(2) 1" x 18 GA.	840	(2) 1/2"Ø	2500
(2) 1" x 16 GA.	1400	(2) 5/8"Ø	4000
		(2) 3/4"Ø	6000

TABLE - 1			
STRAP HANGERS (PAIR) SPACED			
W + D MAX.	10'-0" MAX.	8'-0" MAX.	5'-0" MAX.
72"	1" x 22 GA.	1" x 22 GA.	1" x 22 GA.
96"		1" x 20 GA.	1" x 22 GA.
120"		1" x 18 GA.	1" x 22 GA.
168"			1" x 18 GA.
192"			1" x 16 GA.

M020 RECTANGULAR DUCT SUPPORT DETAIL - NON SEISMIC

M020-SGH-M002-REV01

HANGER STRAPS / RODS			
MAX. DUCT DIA.	HANGER	MAX. LOAD LBS.	MAX. SPACING FT.
26"	(1) 1" x 22 GA. STRAP	260	12
36"	(1) 1" x 18 GA. STRAP	420	12
50"	(1) 1" x 16 GA. STRAP	700	12
60"	(2) 3/8"Ø RODS	1320	12
84"	(2) 1/2"Ø RODS	2500	12



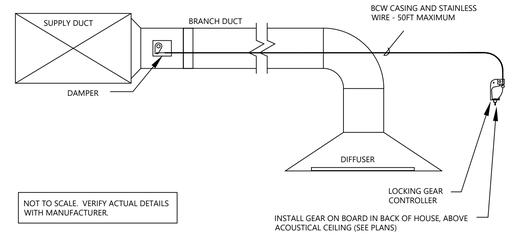
NOTE:

TABULATED DATA FROM SMACNA ALLOWS FOR DUCT REINFORCING AND INSULATION, BUT NO EXTERNAL LOAD.

1.

M021 ROUND DUCT SUPPORT DETAIL - NON SEISMIC

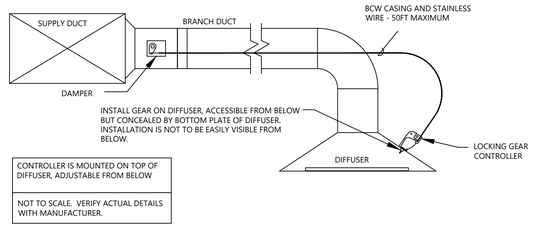
M021-SGH-M002-REV01



NOT TO SCALE. VERIFY ACTUAL DETAILS WITH MANUFACTURER.

M011A YOUNGS REGULATOR INSTALLED ON REMOTE BOARD

M011A-SGH-M002-REV01



CONTROLLER IS MOUNTED ON TOP OF DIFFUSER, ADJUSTABLE FROM BELOW

NOT TO SCALE. VERIFY ACTUAL DETAILS WITH MANUFACTURER.

M011B YOUNGS REGULATOR INSTALLED ON DIFFUSER

M011B-SGH-M002-REV01

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Construction for:

sunglass hut
A Brand of EssilorLuxottica

Revisions:

Mark	Date	By
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EssilorLuxottica CDS Layout No.:
DD-REV7

EssilorLuxottica Reference Set No.:
SGH06E

EssilorLuxottica Project Number: 101057

Brand Design Type:
SGH06E

ISSUED FOR:
- ☐ 100% PRELIM
- ☐ CONSTRUCTION
- ☐ 100% FINAL
- ☐ BULLETIN
- ☐ ADDENDUM

Sheet Name:
HVAC DETAILS

Date: 8/27/2025
Drawn By: MQE
Checked By: MQE

Sheet: M002

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MECHANICAL SPECIFICATIONS

I. GENERAL PROVISIONS

A. GENERAL CONDITIONS, CODES & STANDARDS

1. GENERAL CONDITIONS OF THE CONTRACT FOUND IN THE ARCHITECTURAL DRAWINGS, GENERAL AND SPECIAL CONDITIONS OF THE AMERICAN INSTITUTE OF ARCHITECTS (AIA) (NSPE)(NEC) AND ANY OF THE TENANT'S GENERAL REQUIREMENTS SHALL APPLY UNLESS NOTED OTHERWISE.
2. REFER TO THE GENERAL CONDITIONS ON THE ARCHITECTURAL DOCUMENTS AND THE GENERAL AND SPECIAL CONDITIONS OF THE AIA FOR ADDITIONAL REQUIREMENTS REGARDING; SAFETY, COORDINATION & COOPERATION, WORKMANSHIP, PROTECTION, CUTTING AND PATCHING, DAMAGE TO OTHER WORK, PRELIMINARY OPERATIONS, STORAGE, ADJUSTMENTS, CLEANING, ETC.
3. ALL WORK SHALL BE IN CONFORMANCE WITH ALL LOCALLY ENFORCED, FEDERAL, STATE AND LOCAL CODES AND ORDINANCES INCLUDING ANY SPECIAL THE TENANT REQUIREMENTS IN ADDITION TO THOSE SPECIFIED.
4. 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.

B. SCOPE OF WORK

1. THIS CONTRACT SHALL INCLUDE THE FURNISHING, INSTALLING, CONNECTING, AND OPERATION OF ALL EQUIPMENT WHICH IS A PART OF THE MECHANICAL SYSTEMS AS SHOWN ON THE DRAWINGS AND AS REQUIRED BY SIMILAR INSTALLATIONS. ANY MATERIAL OR LABOR WHICH IS NEITHER SHOWN ON THE DRAWINGS NOR CALLED FOR IN THE SPECIFICATIONS, BUT WHICH IS OBVIOUSLY NECESSARY TO COMPLETE THE WORK AND WHICH IS USUALLY INCLUDED IN WORK OF A SIMILAR CHARACTER SHALL BE FURNISHED AND INSTALLED UNDER THIS CONTRACT AT NO ADDITIONAL COST TO THE TENANT. GENERAL CONTRACTOR SHALL PROVIDE ALL LABOR AND MATERIALS REQUIRED TO PROVIDE THE TENANT A COMPLETE, CODE APPROVED AND OPERATIONAL MECHANICAL SYSTEMS.
2. CAREFULLY READ SPECIFICATION FOR ALL PARTS OF THE WORK SO AS TO BECOME FAMILIAR WITH ALL TRADES' WORK SCOPE. CONSULT WITH OTHER TRADES TO INSURE PROPER LOCATIONS AND AVOID INTERFERENCES, ANY CONFLICT SHALL BE BROUGHT TO THE ATTENTION OF THE TENANT BEFORE WORK IS COMMENCED.
3. ALL CONTRACTORS SHALL BE HELD TO HAVE EXAMINED THE PREMISES AND SITE SO AS TO COMPARE THEM WITH THE DRAWINGS AND SPECIFICATIONS, NOTE THE EXISTING CONDITIONS AND OTHER WORK THAT WILL BE REQUIRED, AND THE NATURE OF THE CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED. NO ALLOWANCE SHALL BE MADE TO ALL CONTRACTORS BY REASON OF THIS FAILURE TO HAVE MADE SUCH EXAMINATION OR OF ANY ERROR ON HIS PART.
4. ALL EXISTING UTILITY AND MECHANICAL SERVICES SHALL BE FIELD VERIFIED. CORRECTIONS TO THE DESIGN AND INSTALLATION SHALL BE MADE WITHOUT ADDITIONAL COST TO THE TENANT.
5. THIS GENERAL CONTRACTOR IS RESPONSIBLE TO COORDINATE THE OPENINGS WITH THE GENERAL TRADES CONTRACTOR. THE FINAL LOCATIONS AND SIZES OF ALL DUCT AND LOUVER OPENINGS SHALL BE PROVIDED BY THIS CONTRACTOR.
6. THIS CONTRACT SHALL ALSO INCLUDE ALL LABOR, MATERIALS AND MISCELLANEOUS EXPENSES REQUIRED FOR ALL REQUIRED MECHANICAL DEMOLITION OF THE EXISTING AREAS BEING RENOVATED.
a. THE DEMOLITION SHALL CONSIST OF THE COMPLETE REMOVAL (PROPERLY DISPOSED OFF SITE UNLESS OTHERWISE NOTED) OF ALL HVAC EQUIPMENT, PIPING, DUCTWORK, MATERIALS, ETC. NOT REQUIRED IN THE FINAL DESIGN AND INSTALLATION OF THE HVAC SYSTEMS FOR THE NEW RENOVATED AREAS.
b. ALL UNDERGROUND SERVICES NOT BEING REUSED SHALL BE CAPPED BELOW THE FLOOR.
c. ALL ABOVE GROUND SERVICES SHALL BE REMOVED BACK TO THEIR RESPECTIVE MAIN AND CAPPED OR IF THE MAIN IS NOT REQUIRED, THE MAIN SHALL BE REMOVED IN IT'S ENTIRETY.
d. COORDINATE ALL DEMOLITION WITH THE ARCHITECTURAL DOCUMENTS AND THE ARCHITECT AND THE TENANT'S GENERAL REQUIREMENTS.
7. ALL WORK INCLUDING, BUT NOT LIMITED TO PARTS, MATERIAL, EQUIPMENT AND LABOR SHALL BE GUARANTEED FOR ONE YEAR AFTER ACCEPTANCE BY THE ENGINEER AND TENANT. WHERE AN EQUIPMENT MANUFACTURER HAS A WARRANTY THAT EXCEEDS ONE YEAR, THAT WARRANTY PERIOD SHALL APPLY TO THIS PROJECT.

C. DOCUMENTS

1. THE DRAWINGS ARE DIAGRAMMATIC, ALL WORK SHALL BE PERFORMED AS INDICATED ON THE DRAWINGS UNLESS EXISTING CONDITIONS OR COORDINATION ISSUES REQUIRE CHANGES. THESE CHANGES SHALL BE MADE WITH NO ADDITIONAL COST TO THE TENANT.
2. ANY INCIDENTAL ITEMS OR LABOR, ETC. NOT INCLUDED IN THE SPECIFICATIONS OR THE DRAWINGS BUT REASONABLY IMPLIED AS NECESSARY FOR THE COMPLETE INSTALLATION OF ALL APPARATUS SHALL BE INCLUDING IN BID.
3. THE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO SUPPLEMENT EACH OTHER AND ANY MATERIAL OR LABOR CALLED FOR IN ONE SHALL BE FURNISHED EVEN THOUGH NOT MENTIONED IN BOTH.
4. IF ERRORS ARE FOUND IN THE DRAWINGS OR SPECIFICATIONS OR DISCREPANCIES OCCUR BETWEEN THE SAME, OR BETWEEN THE FIGURES ON THE DRAWINGS, AND THE SCALE OF SAME OR BETWEEN THE LARGER AND SMALLER DRAWINGS, OR IN THE DESCRIPTIVE MATTER ON THE DRAWINGS SHALL BE REFERRED TO THE TENANT FOR REVIEW AND FINAL DECISION PRIOR TO THE BID DUE DATE.
5. THE BIDDING OF THIS WORK WILL CONTEMPLATE THE USE OF EQUIPMENT AND MATERIALS EXACTLY AS SPECIFIED HEREIN. WHERE MORE THAN ONE MANUFACTURER IS MENTIONED ANY ONE MAY BE UTILIZED. SUBSTITUTE MANUFACTURERS MAY BE OFFERED ONLY AS AN ALTERNATE TO THE SPECIFIED EQUIPMENT AND MATERIAL.
a. SUBSTITUTIONS
(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 EXACTLY AS INDICATED.
(2) THE GENERAL CONTRACTOR SHALL SUBMIT FOR APPROVAL, WITH HIS BID QUOTATION, A LIST OF ANY PROPOSED SUBSTITUTIONS OF MATERIALS AND EQUIPMENT FOR THOSE ON WHICH THE ORIGINAL DESIGN WAS BASED. A FULL DESCRIPTION OF ALL PROPOSED SUBSTITUTED ITEMS, THE CHANGE TO THEIR BID PRICE OR OTHER REASONS FOR SUCH SUBSTITUTIONS SHALL ACCOMPANY THE BID. ALL ACCESSORIES, FEATURES, ETC., SUPPLIED WITH THE SUBSTITUTED MANUFACTURER'S PRODUCT SHALL ALSO BE INCLUDED IN THE BID.
(3) IF THE GENERAL CONTRACTOR DOES NOT SUBMIT PROPOSED SUBSTITUTIONS WITH THEIR BID THE TENANT SHALL CONSIDER THE BIDDER TO BE PROPOSING THE MANUFACTURERS AND MODEL NUMBERS SPECIFIED HEREIN AND SHOWN ON THE CONTRACT DRAWINGS.
(4) SUBSTITUTIONS AFTER CONTRACT AWARD SHALL NOT BE PERMITTED.
6. MISCELLANEOUS ITEMS NECESSARY TO COMPLETE THE SYSTEMS CAN BE OF ANY RECOGNIZED MANUFACTURE PROVIDED THESE ITEMS MEET MINIMUM STANDARDS AS SET IN THESE SPECIFICATIONS. REFER TO EACH SECTION FOR ANY SPECIFIC REQUIREMENTS.

D. COORDINATION

1. GENERAL CONTRACTOR SHALL INCLUDE A VISIT TO THE JOB SITE AND TAKE INTO CONSIDERATION MECHANICAL, ELECTRICAL AND GENERAL TRADE WORK CURRENTLY EXISTING AND WORK WHICH MAY BE INSTALLED PRIOR TO CONTRACT AWARD. RELOCATION OF DUCTWORK, PIPING AND EQUIPMENT, AS REQUIRED, TO AVOID THIS WORK SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE TENANT.
2. GENERAL CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AT THE BUILDING SITE BEFORE STARTING ANY FABRICATION OR DOING ANY WORK IN THE FIELD AND SHALL BE RESPONSIBLE FOR THE CORRECT AND PROPER MEASUREMENTS OF HIS WORK ALONG WITH RESOLUTIONS FOR ANY CONFLICT OF SPACE WITH OTHER TRADES.
3. WHERE THE WORK OF TWO OR MORE TRADES INTERFERE WITH EACH OTHER AND A DEVIATION FROM DESIGN IS NECESSARY, NEITHER WORK SHALL PROCEED UNTIL THE TENANT HAS BEEN NOTIFIED OF THE CONFLICT AND THEY HAVE RENDERED A DECISION AS TO WHAT CHANGES SHOULD BE MADE.
4. 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.
5. IT IS ESSENTIAL THAT ALL WORK AT THE PROJECT BE DONE AS SUCH TIME AND IN SUCH MANNER AS NOT TO INTERFERE WITH THE NORMAL OPERATIONS OF THE FACILITY. A WORK SCHEDULE SHALL BE ARRANGED WITH THE TENANT TO FACILITATE WORK WITH A MINIMUM OF INTERFERENCE WITH THE TENANT'S OPERATIONS.
6. AREAS TO BE USED FOR STORAGE SHALL BE ONLY AS DIRECTED BY THE TENANT. ALL STORED MATERIAL SHALL BE RELOCATED OR REMOVED FROM THE SITE AS DIRECTED BY THE TENANT.
7. DAILY, AND AT THE COMPLETION OF THE WORK, EACH GENERAL CONTRACTOR SHALL REMOVE ALL EXCESS MATERIALS AND DEBRIS CAUSED BY HIS WORK. UPON COMPLETION OF EACH GENERAL CONTRACTOR'S WORK, CONDITIONS OF THE SPACE(S) SHALL BE THE SAME AS FOUND PRIOR TO COMMENCEMENT OF THE WORK. FAILURE TO DO SO MAY RESULT IN THE TENANT'S EMPLOYMENT OF A SEPARATE SERVICE TO OBTAIN THIS CONDITION AND REDUCING THE FACTOR'S CONTRACT AMOUNT BY THE COST OF SUCH A SERVICE.
8. EACH GENERAL CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ALL DAMAGE TO OTHER WORK CAUSED BY HIS WORK OR THROUGH THE NEGLECT OF HIS, OR HIS SUB-TRADE'S PERSONNEL. ALL PATCHING, REPAIRING, REPLACEMENT AND PAINTING, ETC. SHALL BE DONE AS DIRECTED BY THE TENANT BY THE CRAFTSMEN OF THE TRADES INVOLVED. THE COSTS OF SUCH WORK SHALL BE PAID BY THE CONTRACTOR CAUSING THE DAMAGE.

E. METHODS

1. EXCAVATIONS SHALL BE MADE IN OPEN TRENCHES. FLOORS SHALL BE SAW CUT. PIPING SHALL BE LAID ON AN APPROPRIATELY GRADED 6" BED OF CLEAN AND DRY SAND, ENGINEERED FILL SHALL BE USED TO BACKFILL TO 6" ABOVE THE PIPING. BACKFILL THE REMAINDER OF THE TRENCH UTILIZING THE EXCAVATED MATERIAL IF APPROVED BY THE ARCHITECT OR THE TENANT. IF THE EXCAVATED MATERIALS ARE NOT ACCEPTABLE, ENGINEERED FILL ACCEPTABLE TO THE ARCHITECT SHALL BE UTILIZED TO BACKFILL THE REMAINDER OF THE TRENCH. BACKFILL SHALL BE ACCOMPLISHED IN 9" LIFTS WITH ALL LIFTS COMPACTED TO 95% PROCTOR. PATCH FLOOR TO MATCH EXISTING.
2. EQUIPMENT, PIPING, DUCTWORK, ETC. SHALL NOT BE SUPPORTED FROM ANY CEILINGS, OTHER PIPING, CONDUIT OR DUCTWORK, ROOF DECK, OR JOIST BRIDGING. ITEMS SHALL BE SUPPORTED FROM ACCEPTABLE STRUCTURAL BUILDING COMPONENTS AS DETERMINED BY THE ARCHITECT AND STRUCTURAL ENGINEER.
3. ALL ROOF PENETRATIONS, FLASHING AND COUNTER FLASHING SHALL BE PERFORMED BY THE LANDLORD'S ROOFING CONTRACTOR AT THE REQUESTING GENERAL CONTRACTORS COST.

II. INSULATION

A. GENERAL

1. INSTALLATION SHALL CONFORM TO THE MANUFACTURER'S RECOMMENDATIONS, AND IN ACCORDANCE WITH RECOGNIZED INDUSTRY PRACTICES.
2. CLEAN AND DRY SURFACES PRIOR TO INSULATING.
3. EXTEND INSULATION WITHOUT INTERRUPTION THROUGH WALLS, FLOORS, HANGERS AND SIMILAR PENETRATIONS.
4. INSULATION JACKET AND FITTING COVER MUST BE PLENUM RATED.
5. IT IS ESSENTIAL THAT THE INTEGRITY OF THE VAPOR-BARRIER BE MAINTAINED. SEAL ALL PENETRATIONS OF THE VAPOR BARRIER BY STAPLES, HANGERS OR WHERE OTHERWISE DAMAGED.
6. MAINTAIN ACCESS TO BALANCING DAMPERS AND VALVES.
7. INSULATION SHALL BE BY OWENS-CORNING, KNAUF, OR MANVILLE.
8. ALL DUCTWORK AND PIPING SHALL BE INSULATED PER REQUIREMENTS OF ASHRAE 90.1, CHICAGO ENERGY CONSERVATION CODE, NFPA, AND LOCAL CODES. THE FIRST 10 FEET OF RETURN DUCTS SHALL BE INTERNALLY LINED FOR ACOUSTICAL ATTENUATION. OUTSIDE AIR DUCTWORK AND DUCTWORK IN UNCONDITIONED SPACES SHALL ALWAYS BE INSULATED WITH EXTERNAL INSULATION. PIPING SYSTEMS ALWAYS REQUIRING INSULATION INCLUDES, BUT IS NOT LIMITED TO, CONDENSATE, REFRIGERANT, CHILLED WATER, HEATING HOT WATER, CONDENSER WATER, AND STEAM. INTERNALLY INSULATED DUCTS SHALL HAVE 1 INCH THICK, 1-1/2 LB DENSITY ACOUSTICAL INSULATION (AIR SIDE BLACK COATED TO MEET NFPA). INSULATION SHALL BE INSTALLED PER THE REQUIREMENTS OF THE SMACNA GUIDE AND THE MANUFACTURER'S RECOMMENDATIONS. DUCT SIZES NOTED ON DRAWING ARE INSIDE CLEAR DIMENSIONS. INSULATION WRAP SHALL BE FIBERGLASS, FOIL BACKED WRAPPING. WHERE DUCTS OR PIPING IS EXPOSED, AND REQUIRES INSULATION, PROVIDE FIBERBOARD RIGID INSULATION AND PAINT. PAINT COLOR SHALL BE COORDINATED WITH THE ARCHITECTURAL DRAWINGS, LANDLORD, AND TENANT. WHERE DUCTS OR PIPES ARE OUTSIDE THE BUILDING, AN ALUMINUM JACKET SHALL BE PROVIDED AND INSTALLED OVER THE INSULATION, AND SEALED WEATHERTIGHT.

B. HVAC

1. INTERNALLY INSULATE WITH 1 INCH THICK, 1-1/2# DENSITY ACOUSTICAL INSULATION (AIR SIDE BLACK COATED TO MEET NFPA) ALL DUCTWORK NOTED AS REQUIRING SUCH. INTERNAL INSULATION SHALL BE INSTALLED PER THE REQUIREMENTS OF THE SMACNA GUIDE AND THE MANUFACTURER'S RECOMMENDATIONS. DUCT SIZES NOTED ON DRAWING ARE SHEET METAL DIMENSIONS.
2. ALL SUPPLY AND OUTSIDE AIR DUCTWORK SHALL BE WRAPPED WITH 2 INCH OF 0.75 LB/CU.FT. FIBERGLASS, FOIL BACKED DUCT WRAPPING.

C. PIPING

1. ALL ABOVE GROUND PIPING SHALL BE INSULATED WITH FIBERGLASS PIPING INSULATION WITH AN ALL SERVICE JACKET AND SELF SEALING LAP (ASJ/SSL).
2. FITTINGS AND VALVES SHALL BE INSULATED WITH PRE-MOLDED FIBERGLASS FITTINGS AND COVERED WITH A PRE-FORMED PVC FITTING COVER.

IV. PIPING

A. GENERAL

1. THE ENTIRE PIPING INSTALLATION, MATERIALS, EQUIPMENT, ETC. SHALL CONFORM TO THE REQUIREMENTS OF THE LOCALLY ENFORCED BUILDING CODE, THE MECHANICAL CODE.
2. TEST ALL PIPING IN ACCORDANCE WITH LOCAL CODES AND ORDINANCES.
3. FURNISH ACCESS DOORS FOR VALVES.
4. THIS GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SERVICES FOR ALL EQUIPMENT WHETHER PROVIDED BY THIS GENERAL CONTRACTOR OR OTHERS. GENERAL CONTRACTOR SHALL COORDINATE HIS INSTALLATION WITH THE APPROPRIATE EQUIPMENT SUPPLIER AND SHALL REVISE THE DESIGN AS REQUIRED TO MATCH THE EQUIPMENT BEING SUPPLIED. THIS GENERAL CONTRACTOR SHALL PROVIDE ALL LABOR AND MATERIALS REQUIRED TO CONNECT ALL EQUIPMENT TO THE PIPING SYSTEMS INCLUDING BUT NOT LIMITED TO; CONDENSATE, REFRIGERANT, CHILLED WATER, HEATING HOT WATER, CONDENSER WATER, STEAM, ETC.
5. FIRE STOPPING - REFER TO ARCHITECTURAL DRAWINGS FOR WALL TYPE AND UL CONSTRUCTION DESIGN NUMBER. FOR RATED MASONRY WALL AND FLOOR ASSEMBLIES, PROVIDE A UL APPROVED THROUGH-PENETRATION FIRE STOP SYSTEM NUMBER C-AJ-1175. FOR RATED GYPSUM BOARD ASSEMBLIES, PROVIDE A UL APPROVED THROUGH-PENETRATION FIRE STOP SYSTEM NUMBER W-L-1003.

B. CONDENSATE DRAINS, CONDENSER WATER UP TO 2" ABOVE GRADE AND UNDER 125 PSIG

1. ASTM B88, TYPE L, HARD DRAWN COPPER PIPE; AND ASME B16.18, CAST BRASS, OR ASME B16.22, SOLDER WROUGHT COPPER FITTINGS.

V. HVAC EQUIPMENT

A. INSTALLATION OF ALL EQUIPMENT SHALL COMPLY WITH THE MANUFACTURER'S INSTALLATION INFORMATION AND INSTRUCTIONS, REQUIREMENTS AND ANY ADDITIONAL GUIDELINES. GENERAL CONTRACTOR SHALL PROVIDE ALL ADDITIONAL REQUIRED ACCESSORIES REQUIRED TO COMPLETE THE INSTALLATIONS.

B. HVAC EQUIPMENT SHALL BE "STARTED UP" BY A FACTORY TRAINED AND AUTHORIZED SERVICE TECHNICIAN. ALL FACTORY STARTUP FORMS SHALL BE COMPLETED AND TURNED OVER TO THE TENANT WITH ALL COMPLETED WARRANTY CARDS PRIOR TO FINAL APPROVAL.

VI. AIR DISTRIBUTION

A. AIR DISTRIBUTION

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 THE FOLLOWING PRESSURE / SEAL SCHEDULE:
a. DUCTWORK BETWEEN AHU (ROOFTOP UNIT) AND VAV BOXES - 3" W.G. POSITIVE PRESSURE, EAL CLASS A.
b. OTHER SUPPLY AIR DUCTWORK - 2" W.G. POSITIVE PRESSURE, SEAL CLASS B.
c. RETURN & EXHAUST DUCTWORK - 2" W.G. NEGATIVE PRESSURE, SEAL CLASS B.
2. ROUND DUCT ELBOWS SHALL BE LONG SWEEP, 1-1/2 TIMES THE CENTERLINE RADIUS UNLESS CLEARANCE IS NOT AVAILABLE AT WHICH TIME MITERED ELBOWS WITH TURNING VANES SHALL BE UTILIZED.
3. RECTANGULAR ELBOWS SHALL BE FURNISHED WITH DOUBLE THICKNESS TURNING VANES. TURNING VANES SHALL BE FASTENED WITH A DOUBLE ROW OF SCREWS.
4. FLEXIBLE CONNECTIONS AT THE INLET AND OUTLET OF THE RTU. INSTALL FLEXIBLE CONNECTIONS WITH 3" WIDE DOUBLE NEOPRENE COATED FLAME RETARDANT, NFPA 90A APPROVED, FIBERGLASS FLEXIBLE CONNECTION. FLEXIBLE CONNECTION TO HAVE A MINIMUM OF 24 GAGE, 3" WIDE SHEET METAL COLLARS PERMANENTLY ATTACHED TO EACH SIDE.
5. MITERED OFFSETS GREATER THAN 30 DEGREES IN EITHER DIRECTION SHALL NOT BE PERMITTED.
6. CHANGES IN DUCT SIZES SHALL BE MADE BY UNIFORM TAPER SECTION WITH A MAXIMUM INCLUDE ANGLE OF DIVERGENCE OF 15DEGREES.
7. RECTANGULAR BALANCING DAMPERS - RUSKIN MD25 SHALL BE SINGLE BLADE UP TO 6" IN HEIGHT AND 36" IN WIDTH, AND RUSKIN MD35 MULTI-BLADE FOR LARGER SIZES. ALL ROUND BALANCING DAMPERS SHALL BE COMMERCIAL GRADE SINGLE BLADE UP TO 16" IN DIAMETER. SHALL INCORPORATE LOCKING TYPE INDICATING ADJUSTMENT. BALANCING DAMPERS SHALL BE INSTALLED IN ALL BRANCH DUCTS OFF MAIN AND ON ALL TAPS OFF DUCTS TO DIFFUSERS UNLESS OTHERWISE NOTED ON DRAWINGS.
8. 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 AN DUCT SYSTEM (GALVANIZED OR FLEXIBLE) SHALL BE MADE WITH AN APPROPRIATE GALVANIZED ELBOW. MAXIMUM LENGTH OF ANY FLEXIBLE DUCT IS 5'-0".
9. FLEXIBLE DUCTS TO DIFFUSERS SHALL BE ATCO RUBBER PRODUCTS, INC. MODEL UPC #070, INSULATED (R=4.2), U.L. 181 RATED AND CLASS 1 AIR CONNECTOR. MAXIMUM LENGTH OF FLEXIBLE DUCT TO DIFFUSER TO BE 5'-0".
10. FIRE DAMPERS SHALL BE RUSKIN AND SHALL BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS AND SMACNA REQUIREMENTS FOR A U.L. APPROVED INSTALLATION. FIRE DAMPERS SHALL BE TYPE "B" (BLADES AND FRAME COMPLETELY OUT OF THE AIRSTREAM) FOR ALL WALL ASSEMBLIES AND SHALL BE INSTALLED WITH THE APPROPRIATE WALL SLEEVE AND ANGLES PER UL 555. FIRE DAMPERS SHALL BE INSTALLED IN ALL FIRE RATED WALLS. VERIFY FIRE RATED WALL LOCATIONS AND RATINGS ON THE ARCHITECTURAL DOCUMENTS. FOR ALL FLOOR PENETRATIONS PROVIDE RUSKIN TYPE "LR" FIRE DAMPERS. SEE DETAILS ON DRAWINGS FOR ADDITIONAL INSTALLATION REQUIREMENTS.
11. DOUBLE THICKNESS INSULATED ACCESS DOORS SHALL BE PROVIDED AT ALL FIRE DAMPERS FOR ACCESS TO FUSIBLE LINK. DOOR SHALL BE SIZED TO ALLOW FOR EASY SERVICE AND ACCESSIBILITY. ACCESS DOORS SHALL BE A MINIMUM OF 24" IN THE LONGEST DIMENSION.
12. PROVIDE 3"x3"x1/4" ANGLE FRAMING AROUND THE ROOF OPENINGS FOR THE SUPPLY AND RETURN AIR DUCTWORK.
13. SUPPORT ALL SHEET METAL AND EQUIPMENT FROM ANGLE IRON CONNECTED TO STRUCTURAL STEEL. DO NOT SUSPEND DUCT OR EQUIPMENT FROM METAL DECK OR JOIST BRIDGING.

VII. CONTROLS

A. CONTROL WIRING SHALL BE PLENUM RATED CABLE WITH COLOR CODED 18 AWG WIRES (MINIMUM).

B. CONTROLS CONTRACTOR SHALL PROVIDE ALL WIRING BETWEEN THERMOSTAT AND EQUIPMENT (AIR HANDLER, ROOFTOP UNIT, CONDENSING UNIT, ETC.).

C. CONTROLS CONTRACTOR SHALL FURNISH AND INSTALL A 120 (24) VOLT SUPPLY AIR DUCT MOUNTED IONIZATION SMOKE DETECTOR. DETECTOR SHALL BE WIRED, BY THE ELECTRICAL (CONTROLS) CONTRACTOR, TO SHUT DOWN UNIT UPON ACTIVATION.

D. THERMOSTATS

1. FURNISH AND INSTALL A HONEYWELL 7 DAY PROGRAMMABLE HEATING/COOLING THERMOSTAT AND CLEAR LOCKABLE COVER WITH APPROPRIATE CONTROL WIRING BETWEEN THERMOSTAT, (FURNACE AND CONDENSING UNIT) (ROOFTOP) AS REQUIRED TO PROVIDE A COMPLETE OPERATING SYSTEM. WIRING SHALL BE MINIMUM 18 AWG.
2. THERMOSTATS SHALL BE MOUNTED WHERE INDICATED ON THE DOCUMENTS.
3. MECHANICAL CONTRACTOR SHALL PROGRAM THERMOSTAT PER THE TENANT'S REQUIREMENTS AND TRAIN TENANT'S PERSONNEL IN THE OPERATION AND PROGRAMMING OF THE THERMOSTAT AND SYSTEM.

VIII. TESTING AND BALANCING

A. TESTING AND BALANCING SHALL NOT BEGIN UNTIL THE SYSTEM HAS BEEN COMPLETED, IS IN FULL WORKING ORDER AND ALL EQUIPMENT START-UP HAS BEEN COMPLETED. ALL HVAC SYSTEMS AND EQUIPMENT SHALL BE PUT INTO FULL OPERATION AND THE OPERATION OF SAME CONTINUED DURING EACH WORKING DAY OF THE TESTING AND BALANCING.

B. AN INDEPENDENT "AABC" OR "NEBB" CERTIFIED AIR AND WATER BALANCE CONTRACTOR SHALL TEST AND BALANCE THE SYSTEM AND REPORT RESULTS TO THE ENGINEER TENANT AND THE LANDLORD.

1. ALL WORK SHALL BE DONE UNDER DIRECT SUPERVISION OF THE CERTIFIED BALANCING ENGINEER AND BY QUALIFIED BALANCING TECHNICIANS.
2. METHODS AND FORMS SHALL BE IN ACCORDANCE WITH THE CERTIFICATION AGENCIES RECOMMENDATIONS AND REQUIREMENTS.
3. COMPLY WITH ASHRAE RECOMMENDATIONS PERTAINING TO MEASUREMENTS, INSTRUMENTS, TESTING, ADJUSTING AND BALANCING.
4. ALL QUANTITIES SHALL BE WITHIN 10% OF THE DESIGN VALUES.
5. MECHANICAL CONTRACTOR SHALL PROVIDE ANY SHEAVE CHANGES REQUIRED ON THE HVAC UNIT.

C. PERFORMANCE TEST

1. AFTER ALL HVAC EQUIPMENT IS INSTALLED, TESTED AND BALANCED AS SPECIFIED HEREIN THEY SHALL BE OPERATED AND PLACED UNDER SURVEILLANCE FOR A PERIOD OF AT LEAST ONE (1) DAY, THIS MAY INCLUDE THE DAY OF STARTUP, TO VERIFY THAT ALL EQUIPMENT IS PRODUCING THE REQUIRED CAPACITY. THE HVAC CONTRACTOR SHALL BE RESPONSIBLE FOR THE OPERATION OF THE EQUIPMENT DURING THE ENTIRE PERIOD.
2. TEST SHALL BE PERFORMED WITH ALL CONTROLS IN THE AUTOMATIC POSITION AND BUILDING LIGHTS, DAMPERS, ETC. POSITIONED TO SIMULATE NORMAL OPERATION OF THE HVAC SYSTEM.
3. DURING THE TEST, CONTROL SETTINGS MAY REQUIRE ADDITIONAL ADJUSTMENTS TO PRODUCE THE BEST BALANCED SYSTEM OPERATION. THEIR FINAL SETTING OF EACH OPERATING AND SAFETY CONTROL SHALL BE RECORDED, THEY SHALL INCLUDE, BUT NOT LIMITED TO, THERMOSTATS, LIMIT CONTROLS, AND OTHER SIMILAR ITEMS.
4. SHOULD COMPLETION OF THE INSTALLATION OCCUR AT SUCH TIME THAT THE REQUIRED PERFORMANCE TEST MUST BE CONDUCTED DURING A SEASON WHEN THE FULL OPERATION OF EITHER THE HEATING OR COOLING SYSTEM CAN NOT BE CHECKED, THE TAB CONTRACTOR SHALL PERFORM THE TEST AND RECORD ALL SUCH DATA AS IS AVAILABLE WITH SYSTEM OPERATING AUTOMATICALLY UNDER THE PREVAILING WEATHER CONDITIONS. THAT PART OF THE SYSTEM WHICH CAN NOT BE TESTED SHALL BE DELAYED UNTIL THE WEATHER IS APPROPRIATE, AT WHICH TIME THE REMAINING PART OF THE REQUIRED TESTS SHALL BE CONDUCTED AND DATA RECORDED ACCORDINGLY.
5. GC TO PROVIDE THE PROJECT MANAGER WITH A REPORT SHOWING ACCEPTABLE COMPLETION OF ALL MELINK PUNCHLIST ITEMS PRIOR TO FINAL PAYMENT.

D. ACCEPTANCE AND CHECK-OUT - GENERAL CONTRACTOR SHALL PROVIDE QUALIFIED PERSONNEL, AT NO ADDITIONAL COST TO THE TENANT, AS MAY BE REQUIRED BY THE ENGINEER FOR THE PURPOSE OF VERIFYING PROPER OPERATION AND INSTALLATION OF THEIR WORK AT THE TIME OF REQUEST FOR ACCEPTANCE.

REPORTS TO INCLUDE THE FOLLOWING INFORMATION:

AIR TEMPERATURE OF RETURN AT UNIT, SUPPLY AT UNIT, SPACE TEMPERATURE OF OCCUPIED AREA, AIR TEMPERATURE AT SUPPLY DIFFUSERS (ALL OF THEM), AIR TEMPERATURE IN THE PLENUM, AND OUTSIDE AIR TEMPERATURE AT TIME OF BALANCING.

EQUIPMENT INFORMATION INCLUDING MANUFACTURER, MODEL, EXTERNAL STATIC PRESSURE ON THE MOTOR, RATED AMPS, USED AMPS, WHETHER THE SYSTEM AIR FLOW CAN BE ADJUSTED.

PACKAGED ROOF TOP UNITS

I. ROOFTOP PACKAGED HVAC UNITS

A. UNIT SHALL BE FACTORY ASSEMBLED AIR TO AIR ELECTRIC COOLING, GAS / ELECTRIC HEATING UNIT WITH REFRIGERATION SYSTEM, AIR HANDLING SYSTEM CASING AND CONTROLS.

B. CABINET SHALL BE GALVANIZED STEEL, BONDERIZED AND COATED WITH BAKED ENAMEL. UNIT SHALL BE ARRANGED FOR ALL EXTERIOR CONNECTIONS TO BE WITHIN ROOF CURB. CABINET SHALL BE LINED WITH 1" THICK NEOPRENE-COATED FIBERGLASS WITH EASILY REMOVABLE SERVICE PANELS TO ALL OPERATING COMPONENTS.

C. REFRIGERATION SYSTEM SHALL INCLUDE RECIPROCATING SERVICEABLE HERMETIC COMPRESSORS, CONDENSERS, INTERWINDED CIRCUIT EVAPORATOR COIL, EXPANSION VALVES, SERVICE VALVES, VIBRATION ISOLATORS, CRANKCASE HEATERS, SIGHT GLASSES, FILTER DRIERS, HOT GAS MUFFLERS, AND REFRIGERANT PIPING. SAFETY CONTROLS SHALL INCLUDE FUSIBLE PLUG, LOW AND HIGH PRESSURE THERMOSTATS, COMPRESSOR MOTOR OVERLOADS, TIMER TO PREVENT SHORT CYCLING COMPRESSORS.

D. CONDENSER FANS SHALL BE VERTICAL DISCHARGE PROPELLER TYPE DIRECT DRIVEN BY INHERENTLY PROTECTED, PERMANENTLY LUBRICATED MOTORS.

E. COILS SHALL BE ALUMINUM PLATE FINS MECHANICALLY BONDED TO SEAMLESS COPPER TUBES WITH ALL JOINTS BRAZED. COILS SHALL BE COATED WHEN WITHIN FIVE (5) MILES OF COAST.

F. INDOOR BLOWER SHALL BE FORWARD-CURVED, CENTRIFUGAL, BELT-DRIVEN TYPE, EQUIPPED WITH PERMANENTLY LUBRICATED BEARINGS.

G. CONTROLS:

1. THE COOLING SYSTEM SHALL BE PROTECTED WITH HIGH PRESSURE THERMOSTATS, LOW PRESSURE THERMOSTATS, LOSS-OF-CHARGE PROTECTION, INDOOR COIL FREEZE THERMOSTATS, AND CURRENT AND TEMPERATURE SENSITIVE OVERLOAD DEVICES.
2. ALL DEVICES SHALL BE WIRED TO PREVENT COMPRESSOR RESTART UNTIL RESET OF CIRCUIT BREAKER.
3. THIS CONTRACTOR SHALL INSTALL HEATING/COOLING "S" SENSOR(S) AND "T" THERMOSTAT(S) PER PLAN TO PROVIDE CONTROL OF STAGED COOLING AND STAGED HEATING WITH AUTOMATIC CHANGEOVER AND "FAN ON" CONT

C KEY NOTES - DEMOLITION (#)

1. DISCONNECT AND REMOVE ALL EXISTING SUPPLY DIFFUSERS AND RETURN GRILLES IN THIS AREA. REMOVE ALL ASSOCIATED RUNOUT DUCTWORK.
2. EXISTING ROOFTOP UNIT AND ASSOCIATED DUCT DROPS TO REMAIN. REFER TO MECHANICAL PLAN FOR MORE INFORMATION.
3. EXISTING EXHAUST FAN AND ASSOCIATED DUCTWORK TO REMAIN. REFER TO MECHANICAL PLAN FOR MORE INFORMATION.
4. EXISTING THERMOSTAT AND ALL ASSOCIATED CONTROL WIRING TO BE REMOVED.
5. EXISTING MAIN SUPPLY DUCT TO REMAIN. PATCH AND REPAIR EXISTING DUCTWORK PER SMACNA GUIDELINES AS REQUIRED.
6. REMOVE EXISTING RETURN DUCT MAIN. REFER TO MECHANICAL PLAN FOR MORE INFORMATION.

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A DEMOLITION NOTES

A. CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID AND SHALL BE FAMILIAR WITH THE LIMITS OF DEMOLITION REQUIRED FOR ALL TRADES. COORDINATE DEMOLITION WITH REQUIREMENTS OF NEW CONSTRUCTION PRIOR TO INITIATING WORK.

B. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING COMPLETE REMOVAL AND DISCARDING OF ALL DEMOLITION WASTE INCLUDING ANY UNFORESEEN ITEMS WITHIN THE SCOPE OF THE PROJECT.

C. CONTRACTOR SHALL COORDINATE DEMOLITION OPERATIONS WITH CONTINUING OWNER OCCUPATION OF ADJACENT SPACES. ALL DEMOLITION WORK TO BE COORDINATED WITH OWNER AND CONDUCTED UNDER CONTROLLED CONDITIONS.

D. REPAIR/PATCH AS REQUIRED FOR DEMOLITION OF VARIOUS CONSTRUCTION ITEMS. VERIFY AND COORDINATE ANY REQUIRED OPENING WITH RESPECTIVE TRADES. FOR ANY WORK THAT SHALL OCCUR OUTSIDE OF DEMOLITION AREA, CONTRACTOR SHALL RETURN SPACE TO ORIGINAL CONDITION.

E. PROPERLY CAP, PLUG AND CONCEAL ANY PIPING LEFT IN PLACE. CAP ABANDONED SEWER PIPING A MINIMUM OF 8" BELOW FINISH FLOOR PATCH AND REPAIR SLAB.

F. CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE ALL NOT USED WATER PIPING, WASTE AND VENT, DUCTWORK EQUIPMENT IN THE REMODEL AREA.

G. DEMOLISH EXISTING AS REQUIRED PER NEW CONSTRUCTION AS DIRECTED BY ARCHITECT AND/OR AS NOTED ON DRAWINGS. AVOID DISRUPTION OF SERVICES DURING BUSINESS HOURS (IF APPLICABLE). ALL SYSTEM SHUT-DOWNS AND DISRUPTION OF SCHEDULED AFTER NORMAL BUILDING HOURS OR AS OTHERWISE APPROVED BY OWNER.

H. PRIOR TO DEMOLITION FIELD VERIFY AND IDENTIFY ANY EXISTING EQUIPMENT TO REMAIN IN SERVICE THAT IS SERVED BY SYSTEMS TO BE DEMOLISHED. NOTIFY ENGINEER OF ANY SUCH CONDITIONS AND REMOVE AND/OR RELOCATE THE SERVICES AS DIRECTED.

I. MEET WITH ESSILOR LUXOTTICA PROJECT MANAGER AND LANDLORD PRIOR TO DEMOLITION TO IDENTIFY WHETHER EXISTING MATERIALS SYSTEMS, EQUIPMENT, ETC. ARE CONSIDERED SALVAGE OR DEBRIS. REMOVE DEBRIS FROM SITE AND DISPOSE OF IN AND APPROVED MANNER AS DIRECTED BY OWNER.

J. TERMINATE DEMOLISHED SYSTEM SERVICES IN A CONCEALED LOCATION IN AN APPROVED MANNER. COORDINATE WITH NEW AND EXISTING CONSTRUCTION.

K. FIELD VERIFY EXISTING PIPING LOCATIONS PRIOR TO WORK.

L. WHERE REQUIRED, COORDINATE EQUIPMENT ELECTRICAL TERMINATION REQUIREMENTS WITH ELECTRICAL CONTRACTOR.

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B HVAC SYMBOLS

	SUPPLY AIR DIFFUSER
	RETURN AIR OR EXHAUST GRILLE (SEE TAG)
12"Ø	ROUND DUCTWORK
20x12	RECTANGULAR DUCTWORK. SIZE IN INCHES, FIRST NUMBER IS SIDE SHOWN.
A / B	DIFFUSER/GRILLE LABEL: A - TYPE/DESIGNATION B - AIRFLOW (CFM)
	POINT OF CONNECTION - NEW TO EXISTING
	POINT OF DISCONNECTION
	MANUAL VOLUME DAMPER
#	SHEET KEYNOTE REFERENCE
	CEILING EXHAUST FAN
T	THERMOSTAT
S	TEMPERATURE SENSOR
SD	DUCT SMOKE DETECTOR

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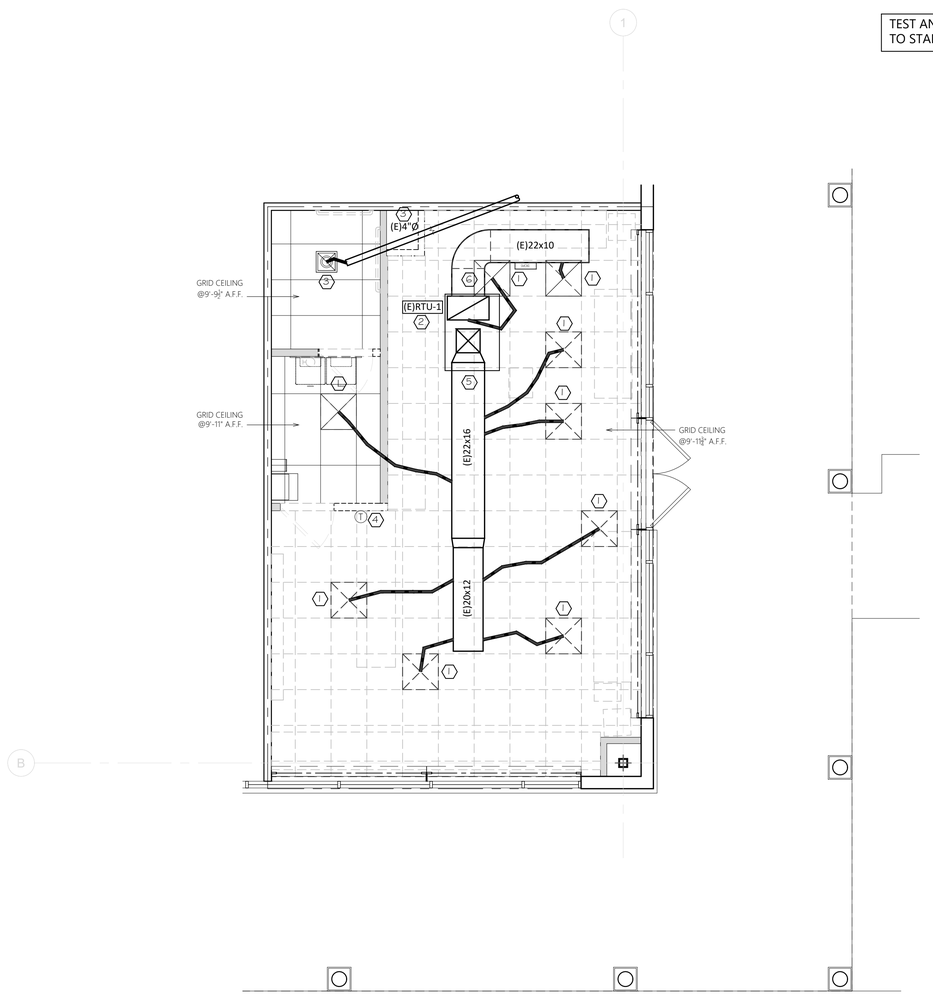
Demolition Comments:

- Any existing equipment or component in or pertaining to the premises that is being abandoned must be demolished completely and properly removed from premises.
- All above ground utility lines not to be re-used must be removed to point of origin. All under slab utility lines to be cut, capped and sealed per code.
- All roof mounted equipment above the leased premises not to be re-used must be removed by tenant GC at tenant expense. Roof must be properly patched by Mall required Roofer. Roof curbs must be removed and roof patched – do not cap. Coordinate all work with Mall Operations Director.
- Slab Requirements: Tenant's General Contractor shall advise the Operation Team prior to any slab modifications or removal. Tenant GC shall verify that Work shall not conflict with any existing structural, utility, or other under-slab condition. (Nondestructive verification maybe required.) Any damage or downtime caused by Tenant's work shall be repaired and reimbursed at Tenant's expense.
- Tenant's construction work is to be performed inside the demised space, and contractor entry into the demised space during construction is to be only through the rear door unless alternate means are approved by property management.
- Identify all wiring, conduits, piping or other items in the above ceiling space prior to removing it. Any damage or interruption of service to fire alarm or other building monitoring systems shall be repaired and charged to the tenant GC.

SIMON PREMIUM OUTLETS

TEST AND RECORD THE EXISTING CFM DISCHARGING FROM EACH DIFFUSER PRIOR TO START OF WORK. REPORT CFM TO ESSILOR LUXOTTICA PROJECT MANAGER.



1 MECHANICAL - HVAC DEMOLITION
SCALE: 1/4" = 1'-0"

N

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PROFESSIONAL ENGINEER
8/29/2025

Architect / Engineer Job No.:
13219

EssilorLuxottica CDS Layout No.:
DD-REV7

EssilorLuxottica Reference Set No.:
SGH06E

EssilorLuxottica Project Number 101057

Brand Design Type:
SGH06E

ISSUED FOR:
☐ 100% PRELIM ☐ CONSTRUCTION
☐ 100% FINAL ☐ BULLETIN
☐ ADDENDUM

Sheet Name:
MECHANICAL DEMOLITION PLAN

Date 8/27/2025
Drawn By MQE
Checked By MQE
Sheet M100

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THERMOSTAT PROCUREMENT INSTRUCTIONS

THERMOSTAT: HONEYWELL TH8321R1001, AKA HONEYWELL VISION PRO WITH REDLINK THERMOSTAT, WI-FI CAPABLE WITH WIRED REMOTE SENSORS AS REQUIRED.

WIRED SENSORS: BAPI BA/20K-LPW-5, CONNECT TO THERMOSTAT WITH PLENUM-RATED CABLE AND PROGRAM EACH SENSOR TO THE THERMOSTAT WITH A UNIQUE NAME (IE:BOH LAB, SALES FRONT). PAINT SENSOR TO MATCH THE MOUNTING SURFACE (MAXIMUM 2 COATS OF PAINT). REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR ALL OTHER INSTALLATION REQUIREMENTS.

PROVIDE REDLINK INTERNET GATEWAY, THM6000R7001, INSTALLED AT PHONE BOARD LOCATION (SEE ELECTRICAL PLANS).

PROCURE FROM HABEGGER CORP CONTACT INFO.
CONTACT DOMINIC DIULLO; CACORD1@HABEGGERCORP.COM; 513-612-4761

THERMOSTAT INSTALLATION INSTRUCTIONS

HVAC CONTRACTOR:

1. TAKE A PHOTO OF THE BACK OF EVERY T-STAT THAT IS INSTALLED, SHOWING THE MAC ADDRESS, CRC ID, AND 4 DIGIT PASSCODE (DATE CODE), AND E-MAIL (WITH PROJECT MANAGER IN COPY) TO: WBALSAMO@LUXOTTICARETAIL.COM, COPYING BMULLEN@NEXTORERETAIL.COM.
2. WHEN INSTALLATION IS COMPLETED, EMAIL A LIST OF THE THERMOSTATS SHOWING THE AREA OF THE STORE WHERE EACH T-STAT IS INSTALLED, AND EACH T-STAT'S CRC ID AND 4 DIGIT DATE CODE.
3. A STICKER WITH THE CRC ID OF EACH T-STAT IS PACKED WITH THE T-STAT, AND IS TO BE PLACED ON THE BACK OF THE T-STAT, NOT ON THE FACEPLATE. E-MAIL THE T-STAT LIST AND THE PHOTOS TO WBALSAMO@LUXOTTICARETAIL.COM , COPYING BMULLEN@NEXTORERETAIL.COM, FOR EACH STORE ON ONE E-MAIL TO ALL. ONE PHOTO PER T-STAT IS REQUIRED, IT IS IMPORTANT TO PHOTOGRAPH THE BACK OF EACH T-STAT, SO THAT THE CRC ID, AND THE DATE CODE ARE READABLE.

THERMOSTAT SET POINT INSTRUCTIONS

FOR ALL LOCATIONS: FAN TO RUN CONTINUOUSLY DURING OCCUPIED PERIOD.

OCCUPIED
- COOLING SET-POINT ALL AREAS = 72*F
- HEATING SET-POINT ALL AREAS = 68*F
- TIME PERIOD BEGINS **1HOUR** BEFORE STORE OPENS FOR BUSINESS
- OVERRIDE ADJUSTMENTS = +/-2*F FROM PROGRAMMED SET-POINTS
- OVERRIDE ADJUSTMENTS OF PROGRAMMED SET-POINT = 4 HRS.

UNOCCUPIED
- HEATING = 60 DEGREES (LABS 60 DEGREES)
- COOLING = 80 DEGREES (LABS 78 DEGREES)
- TIME PERIOD BEGINS AT STORE CLOSING TIME
- OVERRIDE ADJUSTMENTS = +/-2*F FROM PROGRAMMED SET-POINTS
- OVERRIDE ADJUSTMENTS OF PROGRAMMED SET-POINT = 4 HRS.

M010 MECHANICAL REQUIREMENTS FOR TEMPERATURE CONTROL - USING WIRELESS THERMOSTAT

M010-SGH-M200-REV01

1 HVAC SYMBOLS

- SUPPLY AIR DIFFUSER
- RETURN AIR OR EXHAUST GRILLE (SEE TAG)
- 12"Ø — ROUND DUCTWORK
- 20x12 — RECTANGULAR DUCTWORK. SIZE IN INCHES, FIRST NUMBER IS SIDE SHOWN.
- A / B — DIFFUSER/GRILLE LABEL: A - TYPE/DESIGNATION; B - AIRFLOW (CFM)
- POINT OF CONNECTION - NEW TO EXISTING
- POINT OF DISCONNECTION
- MANUAL VOLUME DAMPER
- # — SHEET KEYNOTE REFERENCE
- CEILING EXHAUST FAN
- T — THERMOSTAT
- S — TEMPERATURE SENSOR
- SD — DUCT SMOKE DETECTOR

1-SGH-M200-REV01

2 GRILLE, REGISTER AND DIFFUSER SCHEDULE

TAG	SERVICE	MOUNTING	MFR	MODEL No.	MODULE SIZE	FINISH	NOTES
S1	SUPPLY AIR	MATCH CEILING	TITUS	TMS	24" X 24"	PAINT TO MATCH CLG	1,2
S2	SUPPLY AIR	MATCH CEILING	TITUS	OMNI	24" X 24"	PAINT TO MATCH CLG	1,2
R1	RETURN AIR	MATCH CEILING	TITUS	50F	24" X 24"	STD. WHITE FINISH	1

NOTES/ACCESSORIES

1. RAPID MOUNT FRAME (IF SURFACE MOUNTING)
2. PROVIDE YOUNGS REGULATOR TO CONTROL BALANCING DAMPER. LOCATE CONTROLLER IN DIFFUSER HOUSING, OUT OF VIEW FROM THE PUBLIC.

NOTE: MANUFACTURER LISTED IS TO GIVE DIRECTION ON STYLE AND QUALITY. IT IS NOT THE INTENT OF THE LISTING TO SINGLE LINE SPECIFY A PARTICULAR MANUFACTURER. IF SUBSTITUTING, PROVIDE SHOP DRAWINGS TO NEXTORE PM FOR APPROVAL.

3-SGH-M200-REV01

3 KEY NOTES - MECHANICAL PLAN (XX)

1. PROVIDE DAMPERS PER DETAIL M012 ON SHEET M002.
2. PROVIDE DUCT TAKE OFFS PER DETAIL M009 ON SHEET M002. HIGH EFFICIENCY FITTINGS SHALL BE USED.
3. PROVIDE NEW THERMOSTAT AND MOUNT ON WALL 4 FEET A.F.F. EXTEND AND CONNECT NEW CONTROL WIRING TO EXISTING ROOFTOP UNIT AS REQUIRED.
4. EXISTING ROOFTOP UNIT AND ASSOCIATED DUCT MAINS TO REMAIN. MC TO SERVICE UNIT TO ASSURE IT IS OPERATING PROPERLY AND REFURBISH TO LIKE NEW CONDITION. BALANCE SUPPLY AND RETURN AIRFLOWS AS SCHEDULED.
5. DAMPER IS INSTALLED ABOVE GYPSUM BOARD CEILING. PROVIDE YOUNGS REGULATOR AND BOWDEN CABLE. SEE DETAIL M011B ON SHEET M002.
6. EXISTING EHXAUST FAN AND ALL ASSOCIATED DUCTWORK TO REMAIN. MC TO CLEAN AND SERVICE FAN TO ASSURE IT IS OPERATING PROPERLY. PROTECT DURING RENOVATION.
7. PROVIDE 1" DOOR UNDERCUT FOR TRANSFER AIR.
8. IF NOT EXISTING, EC TO FURNISH DUCT MOUNTED SMOKE DETECTOR AND PROVIDE COMPATIBLE REMOTE ANNUNCIATOR/TEST SWITCH. MC TO INSTALL SMOKE DETECTOR IN RETURN DUCT, PRIOR TO ANY OUTDOOR AIR CONNECTIONS. MC TO PROVIDE INTERLOCK WIRING BETWEEN SMOKE DETECTOR AND UNIT TO SHUT DOWN UNIT UPON DETECTION OF SMOKE. EC SHALL PROVIDE WIRING FOR FINAL CONNECTION TO CENTRAL FIRE ALARM SYSTEM, IF APPLICABLE, AND WIRING TO REMOTE ANNUNCIATOR/TEST SWITCH.
9. PROVIDE NEW REMOTE TEMPERATURE SENSOR AND MOUNT ON WALL 4 FEET A.F.F. EXTEND AND CONNECT NEW CONTROL WIRING TO EXISTING ROOFTOP UNIT AS REQUIRED.

4-SGH-M200-REV01

4 FIRE RATED PENETRATIONS NOTE

PROVIDE FIRE STOPPING FOR ALL PENETRATIONS OF FIRE WALLS. PROVIDE THROUGH WALL FIRE STOPPING FOR ALL LOCATIONS WHERE JUNCTION BOXES ARE LOCATED IN A DEMISING WALL, OR OTHER FIRE WALL.

6-SGH-M200-REV01

5 AIR BALANCE NOTE

G.C. RESPONSIBLE TO OBTAIN CERTIFIED AIR BALANCING REPORT FROM OWNER'S TAB VENDOR, MELINK. FOR PROJECTS IN CANADA, G.C. RESPONSIBLE TO CONTRACT DIRECTLY WITH MELINK FOR ALL TAB SCOPE.

G.C. TO COORDINATE WITH MELINK REGARDING SITE READINESS AND DATES OF INSPECTIONS AROUND TAB REPORTS, PRE-GRID WALK THROUGH AND COMMISSIONING. IF SITE IS NOT READY AND MELINK NEEDS TO RETURN TO PERFORM THEIR WORK, THE G.C. WILL BE RESPONSIBLE FOR ANY COSTS INCURRED FOR A REVISIT AS REQUIRED.

7-SGH-M200-REV01

6 GENERAL NOTES

A. 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.

B. EXISTING MECHANICAL INFORMATION IS BASED ON LIMITED EXISTING BUILDING DRAWINGS AND FIELD WORK. THE 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.

C. G.C. SHALL NOTIFY TENANT, ARCHITECT AND ENGINEER OF ANY SITUATIONS THAT MODIFY OR INCREASE THE SCOPE OF WORK FROM WHAT IS DESCRIBED IN THE DOCUMENTS.

D. G.C. SHALL BE RESPONSIBLE FOR ALL CUTTING/PATCHING RELATED TO THEIR WORK.

E. 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.

F. COORDINATE LOCATION AND ELEVATION OF MECHANICAL WORK WITH ALL DUCTWORK, LIGHT FIXTURES, AND OTHER CEILING BUILT-IN FIXTURES. CONTACT ENGINEER OR ARCHITECT IMMEDIATELY SHOULD ANY CONFLICT ARISE.

G. MOUNTING OF ALL EQUIPMENT, DUCTWORK AND PIPING MUST BE DONE PER BUILDING GUIDELINES AND LOCAL CODES AND INDUSTRY STANDARDS. COORDINATE INSTALLATION OF EQUIPMENT SUPPORT WITH BUILDING MANAGER AND NEXTORE REPRESENTATIVE.

H. NO PVC PIPING ALLOWED IN PLENUM AREAS.

I. DUCT SIZES INDICATED REPRESENT CLEAR INTERIOR SHEET METAL DIMENSIONS.

J. ALL DUCTWORK CONCEALED ABOVE CEILINGS, AND ALL OUTSIDE AIR DUCTS, SHALL BE EXTERNALLY INSULATED. IF DUCTWORK IS RUN IN A NON-CONDITIONED SPACE ALL DUCTWORK MUST BE INSULATED WITH 2" FIBERGLASS INSULATION AND VAPOR BARRIER.

K. BRANCH DUCTS SERVING DIFFUSERS SHALL BE SIZED TO MATCH DIFFUSER NECK SIZE INDICATED.

L. ALL ROUND DUCT ELBOWS SHALL BE LONG SWEEP, 1-1/2 TIMES THE CENTERLINE RADIUS.

M. G.C. MUST REPLACE ALL AIR FILTERS IN HVAC UNITS WITH NEW CLEAN FILTERS BEFORE AIR BALANCING AND PRIOR TO FINAL TURNOVER TO TENANT.

N. 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 ANY EXTRAORDINARY MEASURES.

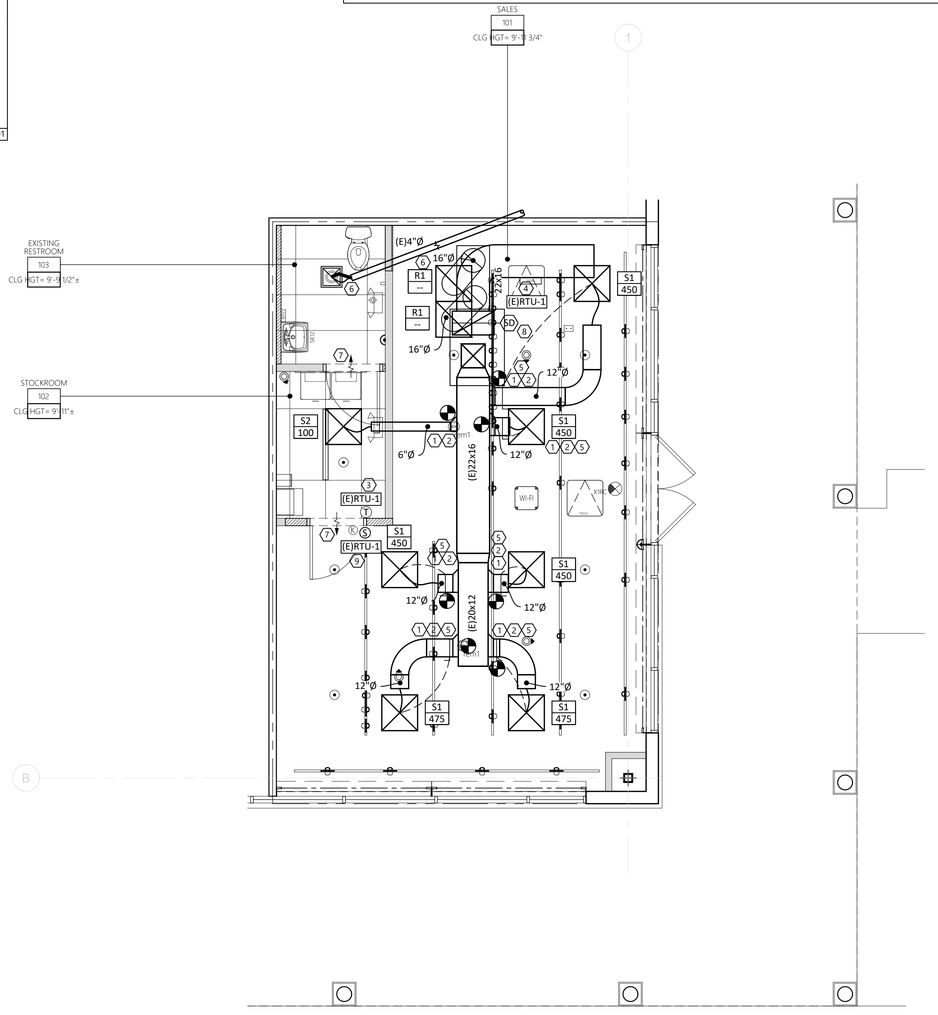
O. THE TENANT RESERVES THE RIGHT TO CHECK CONSTRUCTION COMPLIANCE WITH PLANS AND SPECIFICATIONS. SHOULD THE TENANT FIND CORRECTIVE WORK NECESSARY, HE WILL NOTIFY G.C. OF SUCH WORK IN WRITING AND EXPECT COMPLIANCE PERFORMED WITH DUE DILIGENCE. IF ANY CORRECTIVE WORK IS DEEMED TO BE NECESSARY, THE COST 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 THE G.C. CAN NOT ACCOMPLISH THE TASK, THEN AFTER 72 HOURS OF WRITTEN NOTICE, THE TENANT MAY AT HIS DISCRETION TAKE OVER SUCH WORK AND BACK CHARGE THE G.C. FOR ANY CORRECTIVE WORK THAT WAS REQUIRED DUE TO LACK OF PERFORMANCE, WORKMANSHIP AND/OR ADHERENCE TO PLANS AND SPECIFICATIONS.

P. DUCTWORK SHALL NOT BE ROUTED OVER ELECTRIC PANELS AND TRANSFORMER.

Q. GC RESPONSIBLE TO OBTAIN CERTIFIED AIR BALANCING REPORT FROM MELINK, INDEPENDENT FROM THE HVAC CONTRACTOR. GC TO COORDINATE WITH MELINK REGARDING THE SITE READINESS AND DATES OF INSPECTIONS AROUND TAB REPORTS, PRE-GRID WALK THROUGH AND COMMISSIONING. IF SITE IS NOT READY AND MELINK REPRESENTATIVE NEEDS TO RETURN TO PERFORM THEIR WORK, THE GC WILL BE RESPONSIBLE FOR ANY COSTS INCURRED FOR A REVISIT AS REQUIRED.

R. ANY DISCREPANCIES, ERRORS, OR OMISSIONS DISCOVERED IN THE CONTRACT DOCUMENTS BY THE GC SHALL BE BROUGHT TO THE ATTENTION OF THE ESSILOR LUXOTTICA PROJECT MANAGER FOR DIRECTION BEFORE PROCEEDING WITH THE RELATED WORK OTHERWISE, THE CORRECTION OF SUCH ITEMS WILL BE THE RESPONSIBILITY OF THE GC.

2-LCM-H200-REV 0.0



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

N

7 TURN OVER NOTES (CONTRACTOR TO PROVIDE TO THE PM THE FOLLOWING PRIOR TO INITIAL PUNCHLIST):

ITEMS 'A' THRU 'C' TO BE PERFORMED BY GC PRIOR TO ITEM 'D'. UPON COMPLETION OF ITEMS 'A' THRU 'C', GC TO COORDINATE WITH MELINK TO PERFORM ITEM 'D'.

A. CHANGE FILTER MEDIA PRIOR TO TURN OVER.
B. DEMONSTRATE EQUIPMENT HEATS AND COOLS.
C. CLEAN DRAIN PANS PRIOR TO TURN OVER.
D. AIR BALANCE REPORT TO STATE EQUIPMENT INFORMATION INCLUDING:

- MODEL NUMBER, SERIAL NUMBER, RATED AND TESTED AMP DRAW, RATED AND TESTED VOLTAGE AND ANY ALTERATIONS OF THE EQUIPMENT REQUIRED TO ACHIEVE DESIGN AIR FLOW.
- AIR TEMPERATURE OF RETURN AT UNIT, SUPPLY UNIT, SPACE TEMPERATURE OF OCCUPIED AREA, AIR TEMPERATURE AT SUPPLY DIFFUSERS (ALL OF THEM), AIR TEMPERATURE IN THE PLENUM, AND OUTSIDE AIR TEMPERATURE AT TIME OF BALANCING.

NOTE:
GC TO REVIEW DEFICIENCIES NOTED BY MELINK WITH PROJECT MANAGER, AND IDENTIFY ALL ITEMS TO BE COMPLETED AS PART OF THE GC PUNCHLIST.

4-SGH-M200-REV02

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Construction for:
sunglass hut
A Brand of EssilorLuxottica

Revisions:

Mark	Date	By
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Sheet Name:
MECHANICAL PLAN

Date: 8/27/2025
Drawn By: MQE
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Sheet: M200

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E ELECTRICAL SPECIFICATIONS

DIVISION 16000 - ELECTRICAL

PART I - GENERAL

A. GENERAL CONDITIONS, CODES & STANDARDS

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.

B. SCOPE OF WORK

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.

C. DOCUMENTS

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.

D. CONSTRUCTION COORDINATION

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.

PART 2 - PRODUCTS

A. WIRING DEVICES

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 LUTRON #CA8-15 SERIES OR APPROVED EQUAL, HEAVY DUTY, COLOR TO BE COORDINATED WITH SCHEDULES.
   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 LUTRON CA-1PS OR APPROVED EQUAL, SILENT ACTUATING, 20-AMP, 120/277V, COLOR TO BE COORDINATED WITH SCHEDULES.
   2.2. THREE POLE SWITCHES SHALL BE LUTRON CA-3PS SERIES OR APPROVED EQUAL, SILENT ACTUATING, 20-AMP, 120/277V, COLOR TO BE COORDINATED WITH SCHEDULES.
3. DIMMERS SHALL BE LUTRON SLIDING DIMMER SWITCH, OF A RATING, VOLTAGE AND WATTAGE SUITABLE FOR LOAD SERVED. COLORS OF DEVICES AND COVERPLATES SHALL BE COORDINATED WITH SCHEDULES.
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 COORDINATED WITH SCHEDULES. VERIFY LOAD SERVED IS COMPATIBLE PRIOR TO ORDERING.
5. WIRING DEVICES SHALL BE SPECIFICATION GRADE.
6. COVERPLATES FOR POWER, DATA & TELEPHONE SHALL BE LUTRON OR APPROVED EQUAL, PLASTIC. COLOR TO BE COORDINATED WITH SCHEDULES.
7. LIGHTING CONTRACTORS SHALL BE IN NEMA 1 ENCLOSURE, NORMALLY OPEN ELECTRICALLY HELD, 120V, COIL, 20A. REFER TO PLANS FOR NUMBER OF POLES.

B. LIGHTING AND RECEPTACLE LOAD CENTERS (PANELS)

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.

C. FIXTURES AND LAMPS

1. ALL FIXTURES AND LAMPS ARE FURNISHED BY TENANT, INSTALLED BY ELECTRICAL CONTRACTOR..

D. FIRE ALARM SYSTEM

1. ALL WORK RELATED TO THE FIRE ALARM SYSTEM IS BY THE ELECTRICAL CONTRACTOR. OWNER'S REPRESENTATIVE WILL PROVIDE SPECIFICS ON THE SYSTEM.

PART 3 - EXECUTION

A. GENERAL MISCELLANEOUS

1. ALL CONDUIT RUN IN FINISHED AREAS SHALL BE CONCEALED. 2.
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.

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.

E-SGH-E001-REV02

F GENERAL NOTES

A. 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 AT THE G.C.s EXPENSE.

B. 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 ESSILOR LUXOTTICA PROJECT MANAGER FOR DIRECTION.

C. 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 ESSILOR LUXOTTICA PROJECT MANAGER FOR DIRECTION.

D. IN THE CASE OF EXISTING LIGHT FIXTURES TO REMAIN, E.C. SHALL RELAMP ALL FIXTURES PRIOR TO STORE OPENING BUT NOT DURING HEAVY CONSTRUCTION PERIOD.

E. 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.

F. E.C.'S BID SHALL INCLUDE THE INSTALLATION OF ALL LUMINAIRES AND ASSOCIATED LAMPS FURNISHED BY ESSILOR LUXOTTICA. E.C. IS RESPONSIBLE TO ENSURE THE ADJUST ABILITY OF ALL DIRECTIONAL FIXTURES AFTER INSTALLATION AND SHALL AIM THE FIXTURES PER DIRECTION SHOWN ON PLAN. IF THE CEILING SYSTEMS ARE FIRE RATED, E.C. SHALL CLOSELY COORDINATE FIXTURE REQUIREMENTS WITH ESSILOR LUXOTTICA.

G. E.C. SHALL MAKE ALL FINAL CONNECTIONS AS REQUIRED FOR A FULLY COMPLETE AND OPERABLE SYSTEM. E.C. SHALL VERIFY THE VOLTAGE AND COMPATIBILITY OF ALL EQUIPMENT, FIXTURES AND MILLWORK PRIOR TO CONNECTION.

H. ALL MOUNTING HEIGHTS FROM THE CENTERLINE OF THE BOX TO THE FINISHED FLOOR ARE AS FOLLOWS, UNLESS NOTED OTHERWISE ON PLAN: SWITCHES-44", ELECTRICAL/TELEPHONE/DATA OUTLETS-18", TOP OF PANELBOARDS-6'-6", TIMECLOCKS-5'-0". FOR ALL EXAM ROOM OUTLET MOUNTING HEIGHTS SEE DETAIL E114 ON SHEET E300.

I. FLEXIBLE CONDUIT SHALL BE USED FOR ALL FINAL CONNECTIONS TO MILLWORK, INTERIOR LIGHTING FIXTURES, AND EQUIPMENT. MAXIMUM LENGTH OF FLEXIBLE CONDUIT SHALL BE 12'-0".

J. IF INSTALLATION VARIES FROM THE CONTRACT DRAWINGS, THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR OBTAINING "AS BUILT" DRAWINGS FROM THE SUBCONTRACTORS AND SUBMITTING SAME TO ESSILOR LUXOTTICA PROJECT MANAGER.

K. IT IS THE E.C.'S RESPONSIBILITY TO PROPERLY BALANCE ALL BRANCH CIRCUITS BETWEEN THE PHASES OF THE SYSTEM (WITH-IN 10%).

L. ALL WORK SHALL BE IN STRICT ACCORDANCE WITH NATIONAL ELECTRICAL CODE AND ALL LOCAL CODES AND ORDINANCES.

M. ALL OUTLETS ARE TO BE LABELED WITH WHITE LABEL AND BLACK LETTERING ON THE FACEPLATE WITH PANEL AND CIRCUIT NUMBER.

N. SEE DATA RACK, PATCH PANEL SCHEDULE, AND ASSOCIATED DETAILS ON SHEET E003 FOR ADDITIONAL INFORMATION.

O. PROVIDE POWER, TELEPHONE AND DATA CONDUIT WITHIN FLOOR, BETWEEN FIXTURE AND NEAREST WALL AS INDICATED ON PLANS. METHOD OF CORE DRILLING OR SAW CUTTING SHALL BE PER BUILDING REQUIREMENTS. ALL CORE DRILL OR CUTTING REQUIREMENTS SHALL BE VERIFIED WITH LANDLORD, CONTRACTOR SHALL SIZE CONDUIT PER NEC. PROVIDE FOR X-RAY OF FLOOR WHERE REQUIRED BY THE LANDLORD. SEE ARCHITECTURAL SHEETS FOR CONCRETE POUR-BACK DETAIL.

P. E.C. TO PROVIDE AND INSTALL ALL DISCONNECTS FOR MECHANICAL AND PLUMBING EQUIPMENT THAT ARE NOT SUPPLIED BY THOSE CONTRACTORS OR THE EQUIPMENT SUPPLIER.

Q. PROVIDE FIRE STOPPING FOR ALL PENETRATIONS OF FIRE WALLS. PROVIDE THROUGH WALL FIRE STOPPING FOR ALL LOCATIONS WHERE JUNCTION BOXES IN A DEMISING WALL, OR OTHER FIRE WALL. SEE FIRE STOP SCHEDULE ON SHEET E002 FOR REQUIREMENTS.

R. ANY DISCREPANCIES, ERRORS, OR OMISSIONS DISCOVERED IN THE CONTRACT DOCUMENTS BY THE GC SHALL BE BROUGHT TO THE ATTENTION OF ESSILOR LUXOTTICA PROJECT MANAGER FOR DIRECTION BEFORE PROCEEDING WITH THE RELATED WORK. OTHERWISE. THE CORRECTION OF SUCH ITEMS WILL BE THE RESPONSIBILITY OF THE G.C.

F-SGH-E001-REV01

PROVIDE FIRE STOPPING FOR ALL PENETRATIONS OF FIRE WALLS. PROVIDE THROUGH WALL FIRE STOPPING FOR ALL LOCATIONS WHERE JUNCTION BOXES IN A DEMISING WALL, OR OTHER FIRE WALL.

C ELECTRICAL SYMBOLS

(ALL SYMBOLS SHOWN ARE NOT NECESSARILY USED ON THE DRAWINGS)

- XX-## / PANEL-CIRCUIT — HOMERUN TO PANEL AND CIRCUIT INDICATED
- INFLOOR/UNDERFLOOR CONDUIT/WIRE
- JUNCTION BOX
- DUPLEX RECEPTACLE - 125 VOLT, 2 POLE, 3 WIRE, GROUNDING TYPE, 20 AMPERE, MOUNTED AT 18" AFF UNLESS OTHERWISE NOTED:
  - "2" INDICATES CIRCUIT NUMBER
  - "E" EXISTING TO REMAIN
  - "WP" INDICATES WEATHERPROOF COVER
  - "D" DEDICATED CIRCUIT
  - "GFI" INDICATES GROUND FAULT CIRCUIT INTERRUPTER TYPE
  - "R" INDICATES RECESSED
- DOUBLE DUPLEX RECEPTACLE - 125 VOLT, 2 POLE, 3 WIRE, GROUNDING TYPE, 20 AMPERE, MOUNTED AT 18" AFF UNLESS OTHERWISE NOTED.
- DUPLEX RECEPTACLE - 125 VOLT, 2 POLE, 3 WIRE, 20 AMPERE MOUNTED IN FLOOR BOX.
  "CLG" INDICATES MOUNTED IN CEILING
- COMBINATION DUPLEX RECEPTACLE AND VOICE/DATA OUTLET MOUNTED IN FLOOR BOX.
- DOUBLE DUPLEX RECEPTACLE - 125 VOLT, 2 POLE, 3 WIRE, 20 AMPERE MOUNTED IN FLOOR BOX.
- COMMUNICATIONS FLOOR BOX
- SWITCH - SINGLE POLE TOGGLE TYPE - 120/277 VOLT, 1-HP RATED, 20 AMPERE, MOUNTED AT 48" AFF UNLESS OTHERWISE NOTED:
  - "3" INDICATES THREE WAY SWITCH
  - "4" INDICATES FOUR WAY SWITCH
  - "C" INDICATES SWITCH MOUNTED 8" ABOVE COUNTER
  - "OS" INDICATES OCCUPANCY SENSOR SWITCH
  - "D" INDICATES 0-10V DIMMER SWITCH - WATTAGE AS INDICATED ON PANEL SCHEDULE. EACH BRANCH CIRCUIT SHALL INCLUDE A SEPARATE NEUTRAL CONDUCTOR
  - "M" INDICATES A MASTER SWITCH THAT OVERRIDES THE OTHER SWITCHES CONNECTED TO IT.
  - "OSD" INDICATES 0-10V DIMMER SWITCH WITH INTEGRAL PIR OCCUPANCY SENSOR - WATTAGE AS INDICATED ON PANEL SCHEDULE. EACH BRANCH CIRCUIT SHALL INCLUDE A SEPARATE NEUTRAL CONDUCTOR. 1 OR 3 WAY AS INDICATED.
- OS — CEILING MOUNTED OCCUPANT SENSOR
- PP — LIGHTING CONTROL POWER PACK
- a — LIGHT FIXTURE: "AD" INDICATES FIXTURE TYPE "a" INDICATES SWITCH CONTROL. REFER TO LUMINAIRE SCHEDULE FOR DESCRIPTION.
- TL #1-S — TRACK AND TRACK MOUNTED LIGHT FIXTURE (DESIGNATIONS VARY - SEE PLANS)
- T-SPK — TRACK MOUNTED SPEAKER.
- O_D — RECESSED DOWNLIGHT. DESIGNATIONS VARY - SEE PLANS.
- ILLUMINATED "EXIT" SIGN LIGHTING FIXTURE. CEILING MOUNTED OR WALL MOUNTED. PROVIDE DIRECTIONAL ARROWS AS INDICATED ON FLOOR PLANS.
- SPEAKER SYSTEM STREAM TRANSMITTER
- TC — LIGHTING TIME CLOCK
- DATA OUTLET: MOUNTED AT 18" AFF UNLESS OTHERWISE NOTED. PROVIDE SINGLE GANG BOX WITH PLASTER RING AND 3/4" CONDUIT TO ABOVE THE ACCESSIBLE CEILING. "W" INDICATES WALL MOUNTED AT 54" AFF, "C" INDICATES MOUNTED 8" ABOVE COUNTER. CLG INDICATES CEILING MOUNTED.
- C1 — IP CAMERA LOCATION.
- SWITCHED WIRING
- BRANCH CIRCUIT WIRING
- HOMERUN
- MOTOR
- POWER/DATA STUB-UP
- DOOR BELL SYSTEM - EXTERIOR PUSH BUTTON
- T S — DOOR BELL SYSTEM - INTERIOR TRANSFORMER, STROBE/BELL

FIRE ALARM DEVICES ARE ONLY SHOWN FOR PREFERENTIAL LOCATION. FINAL LOCATIONS AND QUANTITIES SHALL BE DETERMINED BY LL AND FIRE ALARM ENGINEER- VERIFY PRIOR TO ROUGH IN.

- F — FIRE ALARM MANUAL PULL STATION MOUNTED AT 48" AFF.
- F — FIRE ALARM AUDIO/VISUAL ALARM SIGNAL CEILING MOUNTED.
- V — FIRE ALARM VISUAL ONLY ALARM SIGNAL CEILING MOUNTED.
- FA — FIRE ALARM SMOKE DETECTOR
- FD — FIRE ALARM SMOKE DETECTOR - DUCT MOUNTED

C-SGH-E001-REV02

D CODE NOTES

FOLLOW APPLICABLE CODES AS A MINIMUM OF WORK. WORK SHOWN ON THE DRAWINGS IS INTENTED TO MEET OR EXCEED CODE AND SHALL NOT BE INTERPRETED OTHERWISE.

MEANS OF EGRESS ILLUMINATION LEVEL SHALL NOT BE LESS THAN 1 FC AT THE WALKING SURFACE AND SHALL BE EQUIPPED WITH THE CODE MINIMUM BATTERY BACK UP WHERE REQUIRED. MINIMUM SHALL BE 90 MINUTES WHERE THE APPLICABLE CODES REQUIRE LESS THAN 90 MINUTES OF BACK UP.

EXIT SIGNS SHALL BE ILLUMINATE AT ALL TIMES AND EQUIPPED WITH THE CODE MINIMUM BATTERY BACK UP WHERE REQUIRED. MINIMUM SHALL BE 90 MINUTES WHERE THE APPLICABLE CODES REQUIRE LESS THAN 90 MINUTES OF BACK UP.

D-SGH-E001-REV01

A RESPONSIBILITY SCHEDULE (ELECTRICAL)

T= TENANT
GC= GENERAL CONTRACTOR
LL= LANDLORD
MW= MILLWORKER
N/A= NOT APPLICABLE

DIVISION 16000 - ELECTRICAL	SUPL.	RCV.	INSTL.	EXG	P & R	RELO	REMARKS
CONNECTION AND WIRING @ MILLWORK THROUGHOUT	GC	GC	GC				ALL MILLWORK LIGHTING IS PLUG & PLAY. - FOLLOW UP REQUIRED BY ESSILOR LUXOTTICA-
ELECTRICAL SERVICE, FEEDERS, CONDUIT, METERS	GC	GC	GC	●			SEE ONE-LINE DIAGRAM ON SHEET E002
ELECTRICAL PANELS / TRANSFORMERS	GC	GC	GC	●			GC TO REFER TO ELECTRICAL ONE-LINE DIAGRAM ON SHEET E004. SEE SHEET E201 FOR LOCATIONS AND QUANTITIES.
ELECTRICAL WIRING, CIRCUITING, RECEPTACLES, SWITCHES	GC	GC	GC				SEE SHEET E201 FOR DEVICE QUANTITIES AND LOCATION.
RECEPTACLES IN MILLWORK	GC	GC	GC				SEE SHEET E201 FOR DEVICE QUANTITIES AND LOCATION.
EMERGENCY LIGHTING	T	GC	GC				SEE SHEET E200 FOR DEVICE QUANTITIES AND LOCATION.
EXIT SIGNS	T	GC	GC				SEE SHEET E200 FOR DEVICE QUANTITIES AND LOCATION.
NEW LIGHT FIXTURES & LAMPS	T	GC	GC				SEE SHEET E200 FOR DEVICE QUANTITIES AND LOCATION.
REPLACEMENT OR MATCHING EXISTING LIGHT FIXTURES & LAMPS							SEE SHEET E200 FOR DEVICE QUANTITIES AND LOCATION.
TIME CLOCK/ CONTACTORS/ CURRENT LIMITER	GC	GC	GC				SEE SHEET E201 FOR DEVICE LOCATION. SEE DETAIL E033 ON SHEET E201 FOR DEVICE CONNECTION AND INFORMATION.
CONDUITS - DATA, COMMUNICATION, ALARMS, PHONES	GC	GC	GC				SEE SHEETS E002 AND E201 FOR LOCATIONS AND REQUIREMENTS.
BUZZER AT REAR DOOR	GC	GC	GC				N/A
WIRELESS EQUIPMENT	T	T	T				
SECURITY – HARDWARE	T	GC	T				SEE SHEET E003 FOR PATCH PANEL SCHEDULE.
SECURITY - WIRING	GC	GC	T				WIRING TO BE PLENUM RATED
POS AND DATA WIRING (TEMPORARY)	GC	GC	GC				
POS AND DATA WIRING (PERMANENT)	GC	GC	GC				WIRING TO BE PLENUM RATED
WIRING TO WIRELESS ACCESS POINTS	GC	GC	GC				PROVIDE NEW. SEE PLANS FOR SCOPE OF WORK.
BACKBOARD TERMINATION - DATA	GC	GC	GC				SEE DETAIL E068 ON SHEET E003.
BACKBOARD TERMINATION - PHONE	T	T	T				SEE DETAIL E068 ON SHEET E003.
FIRE ALARM SYSTEM	GC	GC	GC				FIRE ALARM CONTRACTOR TO PROVIDE DOCUMENTS FOR AND IS RESPONSIBLE FOR BUILDING DEPARTMENT SUBMITTALS, INCLUDING ASSOCIATED FEES
PRODUCT SECURITY SYSTEM	GC	GC	GC				GC TO COORDINATE W VENDOR
LOW VOLTAGE EQUIMENT & WIRING	GC	GC	GC				SEE SPECIALIZED LOW VOLTAGE SCHEDULE ON ELECTRICAL SHEET E003.

MEP RESP
SCHEDULE-REV00
A-SGH-E001-REV03

B RESPONSIBILITY SCHEDULE (LOW VOLTAGE)

T= TENANT
GC= GENERAL CONTRACTOR
LL= LANDLORD
EC= ELECTRICAL CONTRACTOR
N/A= NOT APPLICABLE
U = UTILITY VIA VENDOR

DIVISION 16000 - LOW VOLTAGE	SUPL.	RCV.	INSTL.	EXG	P & R	RELO	REMARKS
DATA/TECH RACK	EC	EC	EC				
DATA/TECH RACK - DATA WIRING	EC	EC	EC				SEE SHEETS E002 AND E201 FOR LOCATIONS AND REQUIREMENTS. WIRING TO BE PLENUM RATED.
DATA/TECH RACK - PATCH PANELS	EC	EC	EC				SEE SHEETS E002 AND E201 FOR LOCATIONS AND REQUIREMENTS.
DATA/TECH RACK - DATA JACKS	EC	EC	EC				SEE SHEETS E002 AND E201 FOR LOCATIONS AND REQUIREMENTS.
DATA - LABELING BOTH ENDS OF CABLE	EC	EC	EC				SEE SHEETS E002 AND E201 FOR LOCATIONS AND REQUIREMENTS.
TRAFFIC COUNTER	T	EC	T				
TRAFFIC COUNTER - DATA WIRING	EC	EC	EC				SEE SHEETS E002 AND E201 FOR LOCATIONS AND REQUIREMENTS. WIRING TO BE PLENUM RATED.
SURVEILLANCE CAMERA	T	EC	T				
SURVEILLANCE CAMERA - DATA WIRING	EC	EC	EC				SEE SHEETS E002 AND E201 FOR LOCATIONS AND REQUIREMENTS. WIRING TO BE PLENUM RATED.
SOUND SYSTEM	T	T	T				
SOUND SYSTEM - RECEPTACLES (UNSWITCHED)	EC	EC	EC				SEE SHEET E201 FOR LOCATIONS AND REQUIREMENTS.
SOUND SYSTEM - STREAM TRANSMITTER	T	T	T				SEE SHEET E201 FOR LOCATIONS AND REQUIREMENTS.
SOUND SYSTEM - TRACK MOUNTED SPEAKER	T	T	T				SEE SHEET E201 FOR LOCATIONS AND REQUIREMENTS.
LED WALLS	T	T	T				
LED - RECEPTACLES (UNSWITCHED)	EC	EC	EC				SEE SHEET E201 FOR LOCATIONS AND REQUIREMENTS.
LED - DATA OUTLETS, TERMINATED AND TESTED	EC	EC	EC				SEE SHEETS E002 AND E201 FOR LOCATIONS AND REQUIREMENTS.
LED - DATA WIRING BACK TO PATCH PANEL	EC	EC	EC				SEE SHEETS E002 AND E201 FOR LOCATIONS AND REQUIREMENTS. WIRING TO BE PLENUM RATED.
LED - POWER WIRING BETWEEN COMPONENTS	T	T	T				SEE SHEETS E002 AND E201 FOR LOCATIONS AND REQUIREMENTS. WIRING TO BE PLENUM RATED.
LED - DATA WIRING BETWEEN COMPONENTS	T	T	T				SEE SHEETS E002 AND E201 FOR LOCATIONS AND REQUIREMENTS. WIRING TO BE PLENUM RATED.
LED - MEDIA PLAYER	T	T	T				SEE SHEETS E002 AND E201 FOR LOCATIONS AND REQUIREMENTS. WIRING TO BE PLENUM RATED.
LED - MEDIA PLAYER SHELF	EC	EC	EC				SEE SHEETS E002 AND E201 FOR LOCATIONS AND REQUIREMENTS. WIRING TO BE PLENUM RATED.
LED - PROGRAMMING	T	T	T				SEE SHEETS E002 AND E201 FOR LOCATIONS AND REQUIREMENTS. WIRING TO BE PLENUM RATED.
TELEPHONE FIRE RATED PLYWOOD BACKBOARD (TELE BCKBRD)	EC	EC	EC				PROVIDE NEW. SEE PLANS FOR SCOPE OF WORK.
TELE BCKBRD - CONDUIT FROM LL ROOM TO TENANT SPACE	LL	LL	LL	●			EXISTING - EXTEND TO NEW LOCATION AS REQUIRED
TELE BCKBRD - WIRING FROM LL ROOM TO TENANT SPACE	EC	EC	EC	●			EXISTING - EXTEND TO NEW LOCATION AS REQUIRED
TELE BCKBRD - PLYWOOD BACKBOARD	EC	EC	EC				PROVIDE NEW. SEE PLANS FOR SCOPE OF WORK.
TELE BCKBRD - UNSWITCHED RECEPTACLES	EC	EC	EC				PROVIDE NEW. SEE PLANS FOR SCOPE OF WORK.
BACKWRAP – DLINK SWITCH (WHERE USED)	T	T	T				
EQUIPMENT SPECIFICATIONS							
SUNGLASS HUT INLINE AND OUTLET RACK KITS							
RETAIL EQUIPMENT RACK KIT	EC	EC	EC				Order from Anixter. 5-7 Day Lead Time. Reference Luxottica Part# LUX-SUNMODEL-1. Includes Racks, Components, Termination Panels, Shelves, and Cable Management required for retail sales floor installations.
RETAIL FIELD DATA CABLING KIT	EC	EC	EC				Order from Anixter. 5-7 Day Lead Time. Reference Luxottica Part # LUXFTR-CABLING-1. Includes Field cabling for low voltage Retail data network, includes all cabling and termination jacks required for site.
CAT6 PLENUM CABLE - 1000 FT BOX	EC	EC	EC				Order from Anixter. Reference Manufacturer Part # CMP-00423GEN-6U-06
CAT6 TERMINATION JACK - WHITE	EC	EC	EC				Order from Anixter. Reference Manufacture Part # CJ688TGWH
CAT6 TERMINATION JACK - BLUE	EC	EC	EC				Order from Anixter. Reference Manufacture Part # CJ688TGBU
4 PORT WHITE FACEPLATE - MINICOM	EC	EC	EC				Order from Anixter. Reference Manufacture Part # CFP4WH
2 PORT WHITE FACEPLATE – MINICOM	EC	EC	EC				Order from Anixter. Reference Manufacture Part # CFP2WH
WIRING FROM LL TELEPHONE ROOM TO SPACE: 25 PAIR, CATEGORY 5e, PLENUM GenSPEED® 5000 Category 5e 25-Pair Backbone Cable, Grey.	EC	EC	EC				SEE PLANS FOR APPROXIMATE DISTANCE FROM LL ROOM TO TENANT SPACE.
TESTING AND REPORTS	EC	EC	EC				
Testing of ALL Data Cabling Terminations	EC	EC	EC				Testing to ANSI/TIA-568-C.2 CAT 6 Field Test Specifications
PDF Report of Compilance with Testing	EC	EC	EC				Provide reporting of each cable and termination compliance with ANSI/TIA-568-C.2 Testing
Horizontal Cable Labeling	EC	EC	EC				Label each horizontal cable according to ANSI/TIA-606-B Standards
Panel Schedule Labeling and Identification	EC	EC	EC				Label each termination panel in accordance with provided schedule to correspond to field terminations
Field Location Labeling and Identification	EC	EC	EC				Label each Field Outlet in accordance with provided schedule to correspond to panel terminations
Field Location Cable Mapping and Identification	EC	EC	EC				Provide updated drawing indicating field locations of each horizontal cable
TELEPHONE BACKBOARD DIGITAL EQUIPMENT							
MIRAKI ROUTER	T	T	T				
66 BLOCK OR BISQUIT JACK	U	U	U				
CONNECTION BETWEEN THE 66 BLOCK AND PATCH PANEL	T	T	T				
ROUTERS OR SWITCHES, UNLESS NOTED SPECIFICALLY OTHERWISE	T	T	T				
PATCH CABLES BETWEEN PATCH PANELS AND ELECTRONICS	T	T	T				
ANY PATCH CABLES	T	T	T				
VENDOR CONTACTS:							
luxottica_requests@wescodist.com							

MEP RESP
SCHEDULE-REV00
B-SGH-E001-REV01

DESIGN & CONSTRUCTION MANAGEMENT:
EssilorLuxottica
NORTH AMERICA STORE DEVELOPMENT
1 West 37th Street New York, NY 10018
+1 212 302 1200

STORE #4728
LEESBURG PREMIUM OUTLETS
241 FORT EVANS RD, NE #605
LEESBURG, VA 20176

Construction for:

sunglass hut
A Brand of EssilorLuxottica

Revisions:

Mark	Date	By
△		
△		
△		
△		

A

ROOM
MOUNTING SURFACE
FED FROM UTILITY
NOTE

VOLTS 208Y/120V 3P 4W
BUS AMPS 250
NEUTRAL 100%

AIC EXISTING
MAIN BKR MLO
LUGS STANDARD

CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA A	LOAD KVA B	LOAD KVA C	CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA A	LOAD KVA B	LOAD KVA C
1	20/1	(T) OUTLETS – SALES RECEPTACLE	1.62			2	45/3	(EX) RTU-1	4.2		
3	20/1	(T) OUTLETS – SALES RECEPTACLE		1.8		4	|			4.2	
5	20/1	(EX) TELEPHONE BOARD RECEPTACLE			0.18	6	|				4.2
7	20/1	(T) OUTLETS – SALES RECEPTACLE	1.44			8	20/2	WH-1	2.05		
9	20/1	(T) OUTLETS – SALES RECEPTACLE		1.44		10	|			2.05	
11	20/1	(T) TRACK LIGHTING			0.96	12	20/1	(T) TRACK LIGHTING			0.36
13	20/1	MICROWAVE RECEPTACLE	1.38			14	20/1	MONITOR RECEPTACLE	0.18		
15	20/1	REFRIGERATOR RECEPTACLE		0.8		16	20/1	(EX) SIGNAGE RECEPTACLE		1.2	
17	20/1	TECH RACK RECEPTACLE			0.36	18	20/1	(EX) SIGNAGE RECEPTACLE			1.2
19	20/1	CASH WRAP RECEPTACLE	0.72			20	20/1	(EX) STOREFRONT RECEPTACLE	0.36		
21	20/1	TECHRACK RECEPTACLE		0.36		22	20/1	SHOPPERTRAK RECEPTACLE		0.18	
23	20/1	(EX) ROOFTOP RECEPTACLE			0.18	24	20/1	(EX) SECURITY GATES RECEPTACLE			2
25	20/1	TECH RACK RECEPTACLE	0.36			26	20/1	MONITOR RECEPTACLE	0.18		
27	20/1	TECH RACK RECEPTACLE		0.36		28	20/1	(EX) RESTROOM AND STOCK LIGHTING		0.079	
29	20/1	(EX) RESTROOM RECEPTACLE			0.72	30	20/1	CASH WRAP RECEPTACLE			0.72
31	20/1	TIME CLOCK	1			32	20/1	SALES LIGHTING	0.017		
33	20/1	(T) OUTLETS – SALES RECEPTACLE		0.72		34	–/1	SPACE		0	
35	–/1	SPACE			0	36	–/1	SPACE			0
37	–/1	SPACE	0			38	–/1	SPACE	0		
39	–/1	SPACE		0		40	–/1	SPACE		0	
41	–/1	SPACE			0	42	–/1	SPACE			0
								TOTAL CONNECTED KVA BY PHASE	13.5	13.2	10.9

	CONN KVA	CALC KVA			CONN KVA	CALC KVA	
LIGHTING	3.82	4.77	(125%)	MOTORS	12.6	12.6	(100%)
LARGEST MOTOR	12.6	3.15	(25%)	RECEPTACLES	16.1	13	(50%>10)
				NONCONTINUOUS	5.1	5.1	(100%)
				TOTAL LOAD		38.7	
				BALANCED 3–PHASE LOAD		107 A	

C

TYPE OF PENETRANT	F-RATING (HR)	CONCRETE FLOOR	CONCRETE OR BLOCK WALLS	GYPSUM WALLS	WOOD FLOORS	BASIS OF DESIGN HILTI PRODUCTS
		BASIS OF DESIGN UL SYSTEM				
METAL PIPES OR CONDUIT	1	C-AJ-1226, F-A-1017, F-A-1028, F-B-1026	C-AJ-1226, W-J-1020, W-J-1067	W-L-1054, W-L-1058, W-L-1164, W-L-1506, W-L-5029	F-C-1009, F-C-1059, F-C-1168	CFS-D, CFS-DID, CFS-S SIL GG, CFS-S SIL SL, CFS-SP WB, CP 606, CP 637, CP 680-M, CP 680-P, FS-ONE MAX, MINERAL WOOL
	2	C-AJ-1140, C-AJ-1630, F-A-1017, F-A-1028, F-B-1026	C-AJ-1226, W-J-1020, W-J-1067, W-J-1248	W-L-1054, W-L-1058, W-L-1164, W-L-1506, W-L-5029	F-C-1009, F-C-1059, F-C-1168	
	3	C-AJ-1140, C-AJ-1226, C-AJ-1630, F-A-1017, F-B-1026	C-AJ-1226, W-J-1041, W-J-1068	W-L-1252, W-L-5029	-	
	4	C-AJ-1630, C-BJ-1034, C-BJ-1037, F-A-1091	C-BJ-1034, C-BJ-1037, W-J-1041, W-J-1042, W-J-1068	W-L-1110, W-L-1111, W-L-1165, W-L-1252	-	
NON-METALLIC PIPE OR CONDUIT (I.E. PVC, CPVC, ABS, FRP, ENT) (SEE NOTE 10)	1	C-AJ-2098, C-AJ-2109, C-AJ-2167, C-A-2271, C-AJ-2342, C-BJ-2021, F-A-2025	C-AJ-2098, C-AJ-2109, C-AJ-21067, C-AJ-2342, C-AJ-2371	W-L-1252, W-L-2075, W-L-2078, W-L-2128, W-L-2447	F-C-2030, F-C-2160, F-C-2232, F-C-2389	CFS-S SIL GG, CFS-S SIL SL, CP 643 N, CP 644, CP 648-E, CP 648-S, CP 680-P, FS-ONE MAX, MINERAL WOOL
	2	C-AJ-2098, C-AJ-2109, C-AJ-2167, C-A-2271, C-AJ-2342, C-BJ-2021, F-A-2025, F-A-	C-AJ-2098, C-AJ-2109, C-AJ-2167, C-AJ-2342, C-AJ-2371	W-L-1252, W-L-2075, W-L-2078, W-L-2128, W-L-2447	F-C-2029, F-C-2030, F-C-2128, F-C-2160	
	3	F-A-2054, C-AJ-2109, C-AJ-2098, C-AJ-2371, C-AJ-2342	C-AJ-2098, C-AJ-2109, C-AJ-2342, C-AJ-2371	W-L-1252, W-L-2184, W-L-2245, W-L-2447	-	
	4	C-AJ-2017, C-BJ-2016, F-A-2166	C-BJ-2017, W-J-2057, W-J-2091	W-L-1252, W-L-2184, W-L-2245, W-L-2447	-	
SINGLE OR BUNDLED CABLES	1	C-AJ-2095, C-AJ-3180, C-AJ-3283, F-A-3007, F-A-3060	C-AJ-3095, W-J-3036, W-J-3060, W-J-3167, W-J-3189	W-L-3065, W-L-3111, W-L-3112, W-L-3334, W-L-3385, W-L-3396, W-L-3413	F-C-3012, F-C-3044, F-C-3110	CFS-CC, CFS-COS, CFS-D, CFS-PL, CFS-S SIL GG, CFS-T, CP 606, CP 617, CP 618, CP 619 T, CP 653 BA, CP 680-M, CP 680-P, FS-ONE MAX, MINERAL WOOL
	2	C-AJ-3095, C-AJ-3180, C-AJ-3283, C-AJ-8250, F-A-3007, F-A-3060	C-AJ-3095, C-AJ-8250, W-J-3036, W-J-3060, W-J-3167, W-J-3189	W-L-3065, W-L-3111, W-L-3112, W-L-3334, W-L-3385, W-L-3396, W-L-3413	F-C-3012, F-C-3110	
	3	C-AJ-3095, C-AJ-3180, C-AJ-3285, C-AJ-8250, F-A-3007	C-AJ-3095, C-AJ-8180, C-AJ-8250, W-J-3167	W-L-3277, W-L-3334, W-L-3385	-	
	4	C-AJ-8250, C-BJ-3031, C-BJ-3032	C-AJ-8250, C-BJ-3031, W-J-3050, W-J-3167	W-L-3139, W-L-3277, W-L-3334	-	
CABLE TRAY	1	C-AJ-4034, C-AJ-4035	C-AJ-4034, C-AJ-4035, W-J-4027	W-L-4011, W-L-4019, W-L-4081	-	CFS-BL, CFS-COS, CP 617, CP 618, CP 619 T, CP 620, CP 660, FS-ONE MAX
	2	C-AJ-4034, C-AJ-4035, C-AJ-4107	C-AJ-4034, C-AJ-4035, W-J-4027	W-L-4011, W-L-4019, W-L-4081	-	
	3	C-AJ-4034, C-AJ-4035, C-AJ-4107	C-AJ-4034, C-AJ-4035	W-L-8014	-	
	4	C-AJ-4107	C-AJ-4107, W-J-4060, W-J-8007	W-L-8014	-	
ELECTRICAL BUSWAY	1	C-AJ-6006, C-AJ-6017, C-AJ-6036, F-A-6002	C-AJ-6006, C-AJ-6017, C-AJ-6036	W-L-6019	-	CFS-BL, CFS-S SIL GG, CFS-S SIL SL, CP 618, CP 620, CP 637, CP 660, FS-ONE MAX, MINERAL WOOL
	2	C-AJ-6006, C-AJ-6017, C-AJ-6036, F-A-6002	C-AJ-6006, C-AJ-6017, C-AJ-6036	W-L-6019	-	
	3	C-AJ-6006, C-AJ-6017	C-AJ-6006, C-AJ-6017	-	-	

NOTES:
1. BASIS OF DESIGN SHALL BE HILTI, INC. OTHER ASTM E814 AND UL 1479 LISTED THROUGH PENETRATION SYSTEMS ARE ACCEPTABLE.
2. SCHEDULE DOES NOT INCLUDE ALL LISTED THROUGH PENETRATION SYSTEMS. REFER TO MANUFACTURER'S TECHNICAL LIBRARY: (hilti.com/firestops) or (constructionplatform.hilti.com).
3. JOBSITE CONDITIONS OF EACH THROUGH-PENETRATION FIRESTOP SYSTEM MUST MEET ALL DETAILS OF THE UL-CLASSIFIED SYSTEM SELECTED.
4. IF JOBSITE CONDITIONS DO NOT MATCH ANY UL-CLASSIFIED SYSTEMS IN SCHEDULE ABOVE, CONTACT HILTI FOR ALTERNATIVE SYSTEMS.
5. WHERE MORE THAN ONE APPLICABLE UL-CLASSIFIED SYSTEM IS LISTED IN THE SCHEDULES, CHOOSE THE UL SYSTEM WHICH IS MOST ECONOMICAL FOR EACH.
6. COORDINATE WORK WITH OTHER TRADES TO ASSURE THAT PENETRATION OPENING SIZES ARE APPROPRIATE FOR PENETRATION LOCATIONS, AND VICE VERSA.
7. REFER TO ARCHITECTURAL DRAWINGS FOR WALL AND FLOOR RATINGS.
8. SUBMIT SHOP DRAWING OF EACH PROPOSED PENETRATION SYSTEM FOR APPROVAL BY ENGINEER.
9. MAINTAIN A LOG BOOK OF PENETRATION SYSTEM USED ALONG WITH MANFUFACTURER'S SYSTEM. LOG BOOK SHALL BE AVALIABLE FOR INSPECTION BY AHJ AND/OR ENGINEER.
10. ALL NON METALIC PIPE OR CONDUIT PENETRATIONS ARE APPROVED FOR USE ONLY IN UNITED STATES.

D-SGH-E002-REV01

EQUIPMENT CONNECTIONS SCHEDULE

TAG	DESCRIPTION	POWER (HP)	POWER (WATTS)	MAX FUSE	MCA	FLA	VOLT/PH	DISC.	FEEDER	CIRCUIT	NOTES
WH-1	WATER HEATER	-	4100	-	-	-	208/1	30	3#10 & 1#10 GND. 3/4" IN C	A-8,10	1
(EX) RTU-1	EXISTING ROOFTOP UNIT 1	-	12608	50	35	-	208/3	60	3#4 & 1#10 GND. 1" IN C	A-2,4,6	1

NOTES:
1. COORDINATE WITH THE MECHANICAL CONTRACTOR AND SUPPLIER ALL STARTERS AND DISCONNECTS. PROVIDE AS REQUIRED.

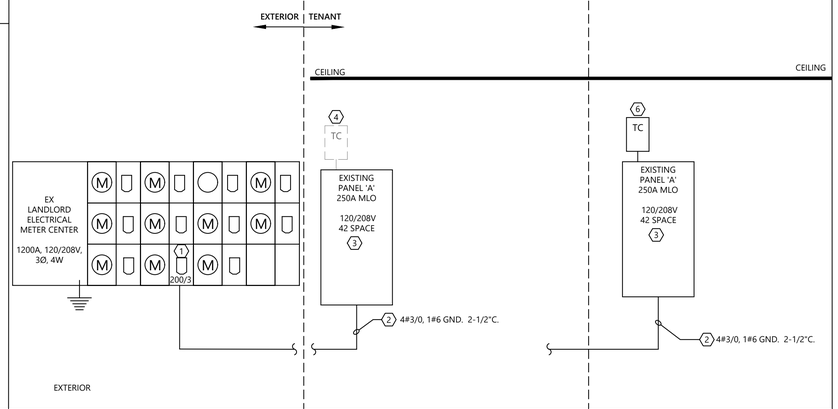
MAN = MANUAL STARTER WITH OVERLOAD; FSSW = FUSED SAFETY SWITCH; NFSSW = NON-FUSED SAFETY SWITCH; EX = EXISTING TO REMAIN

A KEY NOTES - ELECTRICAL ONE-LINE DIAGRAM

1. EXISTING ENCLOSED BREAKER IN EXISTING LANDLORD ELECTRICAL METER CENTER - TO REMAIN.
2. EXISTING FEEDER TO REMAIN.
3. EXISTING PANEL TO REMAIN.
4. DISCONNECT AND SITE CLEAR EXISTING TIMECLOCK.
5. PROVIDE NEW TIMECLOCK.

EXISTING CONDITIONS
(FOR REFERENCE)

ELECTRICAL ONE LINE DIAGRAM



A-SGH-E002-REV01

ELECTRICAL SERVICE LOAD SUMMARY

LOAD DESCRIPTION	CONNECTED LOAD (kW)	DEMAND FACTOR	CALCULATED LOAD (kW)
LIGHTING/SIGNAGE	3.82	1.25	4.775
RECEPTACLES	16.1	>10kW=10+[0.5*(kW-10)]	13.1
WATER HEATER	4.10	1	4.10
HVAC MOTOR	12.6	1.0	12.6
LARGEST MOTOR	12.6	0.25	3.15
NONCONTINUOUS	1	0.25	1
TOTAL (kW):	50.22	TOTAL:	38.68
TOTAL (A):	139.40	TOTAL (A):	107.35
SERVICE VOLTAGE: 120/208V 3Ø 4W			200A SERVICE IS SUFFICIENT

B 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.

GENERAL CONTRACTOR BIDDING NOTE

THE INTENT OF THIS DESIGN IS TO REUSE AS MUCH EXISTING WIRING AND CIRCUITRY AS POSSIBLE. BEFORE BIDDING, THE GC SHALL REFER TO THE EXISTING PANEL SCHEDULES AND ASSOCIATED NOTES, AS WELL AS THE LIGHTING AND POWER PLANS (SHEETS E002, E100, E200, E201) AND EXISTING AS-BUILT ELECTRICAL DRAWINGS FOR THE SPACE (PROVIDED BY LANDLORD/ARCHITECT), TO PROVIDE A BID BASED ON THE MATERIALS AND LABOR ASSOCIATED WITH THIS METHOD.

AS A SEPARATE LINE ITEM ON THE BID FORM THE GC SHALL ALSO FORMULATE AN ALTERNATE BID BASED ON THE USE OF NEW WIRING FOR THE UNKNOWN CIRCUITS IN THE SPACE. THIS BID SHALL ALSO INCLUDE ALL MATERIALS AND LABOR ASSOCIATED WITH THIS ALTERNATE METHOD.

GC BIDDING NOTE-SGH-E002-REV01

DESIGN & CONSTRUCTION MANAGEMENT:

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LEESBURG, VA 20176

Construction for:
sunglass hut
A Brand of EssilorLuxottica

Revisions:

Mark	Date	By
△		
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PROFESSIONAL ENGINEER
8/29/2025

Architect / Engineer Job No.: 13219

EssilorLuxottica CDS Layout No.:
DD-REV7

EssilorLuxottica Reference Set No.:
SGH06E

EssilorLuxottica Project Number: 101057

Brand Design Type:
SGH06E

ISSUED FOR:
☐ 100% PRELIM ☐ CONSTRUCTION
☐ 100% FINAL ☐ BULLETIN
☐ ADDENDUM

Sheet Name:
ELECTRICAL GENERAL NOTES & DETAILS

Date: 8/27/2025
Drawn By: MQE
Checked By: MQE
Sheet: E002

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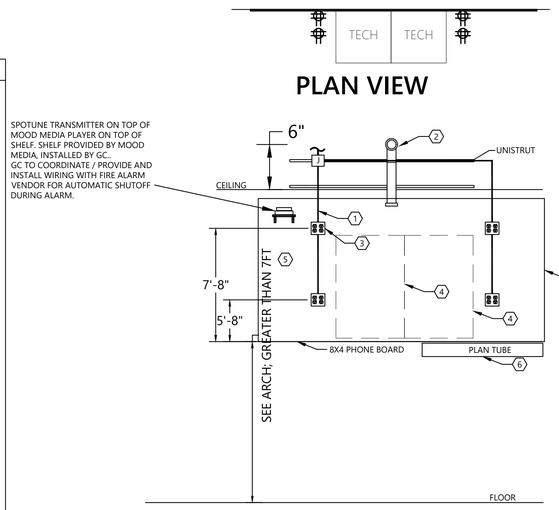
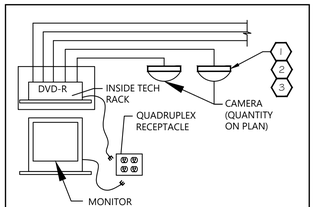
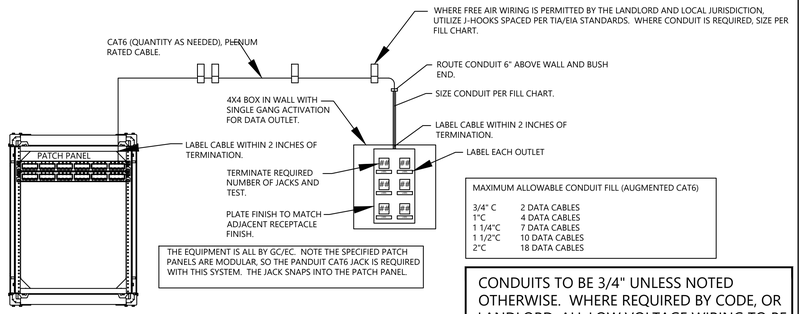
DETAIL NOTES

1. 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
2. MINIMUM 2-1/2" EMT CONDUIT 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.
3. 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
4. RACKS PROVIDED BY ELECTRICAL CONTRACTOR TO BE AS SPECIFIED IN THE RESPONSIBILITY SCHEDULE. INSTALL RACKS AT 18 INCHES AND 49 INCHES FROM FLOOR, AND 3 INCHES FROM THE LEFT EDGE OF THE BOARD. USE 2 INCH X ¾ INCH LAG BOLTS IN PROPER KEYHOLE MOUNTS WITH WASHER FOR MIN 40 LBS.
5. DEMARC AREA FOR TELCO AND BROADBAND PROVIDERS. RESERVED TOP OF BOARD AREA 22 INCHES BY 48 INCHES.
6. 36 INCH LONG X 6 INCH DIAMETER PVC TUBE FOR AS BUILT PLANS (BY GC), UPON COMPLETION OF PROJECT, GENERAL CONTRACTOR MUST RUN A NEW PRINT SET OF THE AS-BUILT STORE DRAWINGS (ALL APPLICABLE TRADES) AND PLACE PRINTS INTO THE PLAN TUBE HOLDER. LABEL (W/ CLEAR TAPE) STATING: "THIS TUBE CONTAINS STORE DRAWINGS AND IS NOT TO BE REMOVED WITHOUT THE CONSENT OF THE STORE MANAGER". TENANT G.C. TO SUPPLY AND INSTALL DRAWING TUBE ASSEMBLY WHERE INDICATED ON PLANS OR AS DIRECTED B THE PROJECT MANAGER, SEE DETAIL 13 ON SHEET A401 FOR MORE INFORMATION.
7. MOUNT 8FT X 4FT HIGH, 3/4" THICK VOID-FREE, FIRE RATED PLYWOOD AT 6 INCHES ABOVE DOOR. PAINT TO MATCH WALL BUT DO NOT PAINT OVER FIRE RATED LABELING ON THE PLYWOOD FOR INSPECTOR TO VERIFY PLYWOOD IS RATED.





1. EXTEND CABLE TO PROPOSED HEAD END EQUIPMENT LOCATION. AND TERMINATE IN PATCH PANEL.
2. FOR CAMERAS, PROVIDE WHITE PLENUM RATED CAT 6 CABLING. COIL 15' OF CABLING AT EACH CAMERA LOCATION FOR CONNECTIONS.
3. PROVIDE RJ-45 CONNECTORS AT CAMERA LOCATIONS ONLY. CONNECTORS NOT NEEDED AT THE HEAD END EQUIPMENT LOCATION.



THE EQUIPMENT IS ALL BY GC/EC. NOTE THE SPECIFIED PATCH PANELS ARE MODULAR, SO THE PANDUIT CAT6 JACK IS REQUIRED WITH THIS SYSTEM. THE JACK SNAPS INTO THE PATCH PANEL.

MAXIMUM ALLOWABLE CONDUIT FILL (AUGMENTED CAT6)

3/4" C	2 DATA CABLES
1"C	4 DATA CABLES
1 1/4"C	7 DATA CABLES
1 1/2"C	10 DATA CABLES
2"C	18 DATA CABLES

CONDUITS TO BE 3/4" UNLESS NOTED OTHERWISE. WHERE REQUIRED BY CODE, OR LANDLORD, ALL LOW VOLTAGE WIRING TO BE IN CONDUIT.

▽ PATCH PANEL "PPA" - 24 PORT (LOCATED AT TECH RACK)

POS	LABEL	DESCRIPTION	POS	LABEL	DESCRIPTION	POS	LABEL	DESCRIPTION	POS	LABEL	DESCRIPTION
1	PPA1	POS STATION #1 - CASH DESK	7	PPA7	POS STATION #2 - CASH DESK	13	PPA13	SALES FIXT. DIG DISPLAY #1	19	PPA19	SPACE FOR FUTURE
2	PPA2	POS STATION #1 - CASH DESK	8	PPA8	POS STATION #2 - CASH DESK	14	PPA14	SALES FIXT. DIG DISPLAY #1	20	PPA20	SPACE FOR FUTURE
3	PPA3	POS STATION #1 - CASH DESK	9	PPA9	POS STATION #2 - CASH DESK	15	PPA15	SPACE FOR FUTURE	21	PPA21	SPACE FOR FUTURE
4	PPA4	POS STATION #1 - CASH DESK	10	PPA10	POS STATION #2 - CASH DESK	16	PPA16	SPACE FOR FUTURE	22	PPA22	SPACE FOR FUTURE
5	PPA5	SPACE FOR FUTURE	11	PPA11	SPACE FOR FUTURE	17	PPA17	BACKWRAP MONITOR	23	PPA23	WIFI
6	PPA6	SPACE FOR FUTURE	12	PPA12	SPACE FOR FUTURE	18	PPA18	BACKWRAP MONITOR	24	PPA24	TRAFFIC COUNTER

ROUTE CATEGORY 6 CABLING FROM EACH PORT ON THE PATCH PANEL TO THE CORRESPONDING JACK IDENTIFIED ON THE PLAN. ROUTE THE WIRING IN A CODE COMPLIANT FASHION, IN CONDUIT OR IN FREE AIR AS PER THE JURISDICTION REQUIREMENTS. WHERE WIRING IS ROUTED IN FREE AIR, PROVIDE J-HOOKS AT 6FT INTERVALS MAXIMUM AND NEATLY INSTALL.

▽ PATCH PANEL "PPB" - 24 PORT (LOCATED AT TECH RACK)

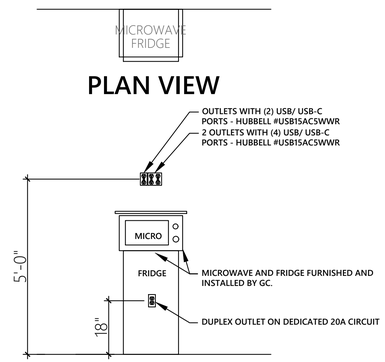
POS	LABEL	DESCRIPTION	POS	LABEL	DESCRIPTION	POS	LABEL	DESCRIPTION	POS	LABEL	DESCRIPTION
1	PPB1	SURVEILLANCE CAMERA	7	PPB7	SPACE FOR FUTURE	13	PPB13	SPACE FOR FUTURE	19	PPB19	SPACE FOR FUTURE
2	PPB2	SURVEILLANCE CAMERA	8	PPB8	SPACE FOR FUTURE	14	PPB14	SPACE FOR FUTURE	20	PPB20	SPACE FOR FUTURE
3	PPB3	SURVEILLANCE CAMERA	9	PPB9	SPACE FOR FUTURE	15	PPB15	SPACE FOR FUTURE	21	PPB21	SPACE FOR FUTURE
4	PPB4	SPACE FOR FUTURE	10	PPB10	SPACE FOR FUTURE	16	PPB16	SPACE FOR FUTURE	22	PPB22	SPACE FOR FUTURE
5	PPB5	SPACE FOR FUTURE	11	PPB11	SPACE FOR FUTURE	17	PPB17	SPACE FOR FUTURE	23	PPB23	SPACE FOR FUTURE
6	PPB6	SPACE FOR FUTURE	12	PPB12	SPACE FOR FUTURE	18	PPB18	SPACE FOR FUTURE	24	PPB24	SPACE FOR FUTURE

ROUTE CATEGORY 6 CABLING FROM EACH PORT ON THE PATCH PANEL TO THE CORRESPONDING JACK IDENTIFIED ON THE PLAN. ROUTE THE WIRING IN A CODE COMPLIANT FASHION, IN CONDUIT OR IN FREE AIR AS PER THE JURISDICTION REQUIREMENTS. WHERE WIRING IS ROUTED IN FREE AIR, PROVIDE J-HOOKS AT 6FT INTERVALS MAXIMUM AND NEATLY INSTALL.

E068	WALL MOUNTED TECH RACK(TR)/COMM. BOARD ELEVATION

E068

E068-SGH-E003-REV02



E010	MICROWAVE, REFRIGERATOR, USB ELEVATION

E010-SGH-E003-REV02

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sunglass hut
A Brand of EssilorLuxottica

Revisions:

Mark	Date	By
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13219

EssilorLuxottica CDS Layout No.:
DD-REV7

EssilorLuxottica Reference Set No.:
SGH06E

EssilorLuxottica Project Number 101057

Brand Design Type:
SGH06E

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☐ 100% FINAL ☐ BULLETIN
☐ ADDENDUM

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Drawn By MQE
Checked By MQE

Sheet E003

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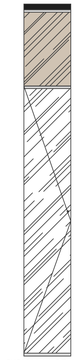


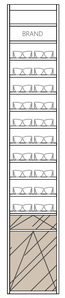
SKS1621-MLBZM-00

NO POWER REQUIREMENTS

SKS1621-MLBZM-00

SKS1621-MLBZM	16" WALL UNIT	SKS1621-MLBZM

SKS1621-MLBZM-SGH-E004-REV02

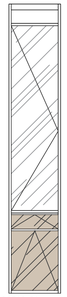


06510-01

06510-01

06510-01	16" WALL UNIT	06510-01

06510-01-SGH-E004-REV02



06516-01

NO POWER REQUIREMENTS

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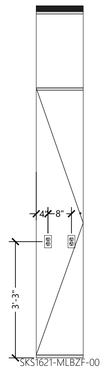
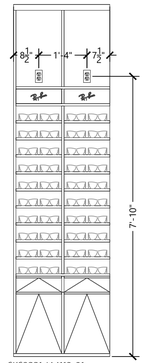


SKS1621-MLBZF-00

SKS1621-MLBZF-00

SKS1621-MLBZF	16" WALL UNIT	SKS1621-MLBZF

SKS1621-MLBZF-SGH-E004-REV02



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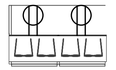

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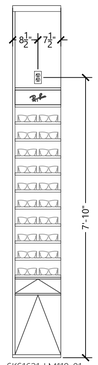

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SKS1621-LM118	16" WALL UNIT	SKS1621-LM118

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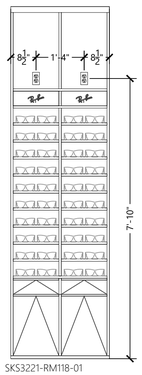

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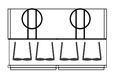

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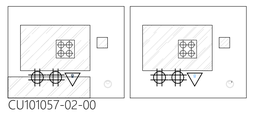

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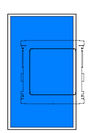

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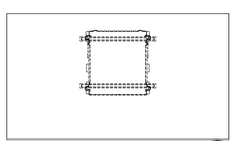

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DIG-0019L-00	DIGITAL MONITOR	DIG-0019L-00

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DESIGN & CONSTRUCTION MANAGEMENT:
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STORE #4728
LEESBURG PREMIUM OUTLETS
241 FORT EVANS RD, NE #605
LEESBURG, VA 20176

Construction for:
sunglass hut
A Brand of EssilorLuxottica

Revisions:

Mark	Date	By
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COMMONWEALTH OF VIRGINIA
JOHN WILDER QUILLEN JR.
LIC# 0402056051
PROFESSIONAL ENGINEER
8/29/2025

Architect / Engineer Job No.:
13219

EssilorLuxottica CDS Layout No.:
DD-REV7

EssilorLuxottica Reference Set No.:
SGH06E

EssilorLuxottica Project Number 101057

Brand Design Type:
SGH06E

ISSUED FOR:
☐ 100% PRELIM ☐ CONSTRUCTION
☐ 100% FINAL ☐ BULLETIN
☐ ADDENDUM

Sheet Name:
ELECTRICAL DETAILS

Date 8/27/2025
Drawn By MQE
Checked By MQE

Sheet E004

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Demolition Comments:

• Any existing equipment or component in or pertaining to the premises that is being abandoned must be demolished completely and properly removed from premises.

• All above ground utility lines not to be re-used must be removed to point of origin. All under slab utility lines to be cut, capped and sealed per code.

• All roof mounted equipment above the leased premises not to be re-used must be removed by tenant GC at tenant expense. Roof must be properly patched by Mall required Roofer. Roof curbs must be removed and roof patched – do not cap. Coordinate all work with Mall Operations Director.

• Slab Requirements: Tenant's General Contractor shall advise the Operation Team prior to any slab modifications or removal. Tenant GC shall verify that Work shall not conflict with any existing structural, utility, or other under-slab condition. (Nondestructive verification maybe required.) Any damage or downtime caused by Tenant's work shall be repaired and reimbursed at Tenant's expense.

• Tenant's construction work is to be performed inside the demised space, and contractor entry into the demised space during construction is to be only through the rear door unless alternate means are approved by property management.

• Identify all wiring, conduits, piping or other items in the above ceiling space prior to removing it. Any damage or interruption of service to fire alarm or other building monitoring systems shall be repaired and charged to the tenant GC.

SIMON PREMIUM OUTLETS

B KEY NOTES - ELECTRICAL DEMOLITION PLAN

1. DISCONNECT AND REMOVE ALL EXISTING LIGHT FIXTURES IN THIS AREA.
2. DISCONNECT AND REMOVE ALL EXISTING SPEAKERS IN THIS AREA.
3. DISCONNECT AND REMOVE ALL ELECTRICAL DEVICES, SWITCHES ETC AS REQUIRED TO PROVIDE THE ELECTRICAL AS SHOWN ELSEWHERE ON THESE PLANS.
4. DISCONNECT AND REMOVE ALL EXISTING SECURITY DEVICES IN THIS AREA.
5. DISCONNECT AND REMOVE EXISTING FLOOR BOXES IN THIS AREA AND PATCH FLOOR AS REQUIRED. SEE ARCHITECTURAL PLANS FOR CONCRETE POUR BACK DETAIL.
6. DISCONNECT AND REMOVE FIRE ALARM DEVICE(S).
7. DISCONNECT AND REMOVE EXISTING EMERGENCY LIGHTING UNIT FIXTURES IN THIS AREA.
8. REMOVE EXISTING POWER AND LOW VOLTAGE WIRING FROM EXISTING CASH WRAP. CUT STUB UPS TO BELOW FINISHED FLOOR LEVEL AND COORDINATE WITH GC FOR PATCHING.
9. DISCONNECT AND REMOVE EXISTING TIMECLOCK. REPLACE WITH NEW TIMECLOCK - SEE SHEET E200 FOR NEW DEVICE LOCATION.
10. DISCONNECT AND REMOVE EXISTING EXIT SIGN. SALVAGE EXISTING CIRCUIT FOR REUSE.
11. DISCONNECT CEILING EXHAUST FAN POWER AND CONTROL. FAN WILL REMAIN, RE-CIRCUIT.
12. EXISTING WINDOW RECEPTACLE TO REMAIN.
13. DISCONNECT AND REMOVE LOCAL EXISTING LIGHT SWITCH.
14. EXISTING STORE SIGN TO REMAIN. PROVIDE NEW CONTROLS
15. EXISTING EXIT FIXTURES TO REMAIN.
16. EXISTING SECURITY GATES CONTROLS TO BE RELOCATED. EXISTING POWER AND BRANCH CIRCUIT TO REMAIN.
17. EXISTING PANEL TO REMAIN.
18. DISCONNECT AND REMOVE WATER HEATER.
19. EXISTING RECEPTICLE TO REMAIN.
20. EXISTING LIGHT FIXTURE TO REMAIN. MAINTAIN EXISTING CONTROLS.
21. EXISTING POWER TO TELEPHONE BOARD TO REMAIN.
22. EXISTING POWER TO HVAC AND SERVICE RECEPTACLE TO REMAIN.

B-SGH-E100-REV01

INFORMATION IS BASED ON SURVEY PICTURES. VERIFY ALL WORK IN FIELD. ADVISE ESSILOR LUXOTTICA PROJECT MANAGER OF ANY DISCREPANCIES.

FIELD VERIFICATIONNOTE-SGH-E100-REV01

A GENERAL DEMOLITION NOTES

A. IN EVERY INSTANCE OF DEMOLITION AND/OR REMODELING, THE E.C. SHALL FIGURE A COMPLETE JOB AS NONE OTHER SHALL BE ACCEPTED.

B. THE DRAWINGS ARE TO BE USED ONLY AS A GUIDELINE FOR DEMOLITION. THE E.C. MUST VISIT THE SITE PRIOR TO BIDDING TO VERIFY ALL WORK REQUIRED FOR A COMPLETE JOB & INCLUDE THE COST OF SUCH WORK IN HIS BID.

C. THE E.C. SHALL MAINTAIN EXISTING SERVICES TO & IN THE EXISTING AREA AS REQUIRED.

D. IF NECESSARY, THE E.C. SHALL PROVIDE TEMPORARY SERVICES IN THE EXISTING AREAS.

E. THE E.C. SHALL DISCONNECT & REMOVE ELECTRIC SERVICE TO ALL MECHANICAL EQUIPMENT BEING REMOVED AS A RESULT OF THE REMODELING (OR TENANT FIT OUT).

F. ELECTRICAL EQUIPMENT & DEVICES SHALL BE REMOVED COMPLETE INCLUDING CONDUIT & WIRE.

G. FLUSH MOUNTED WALL OUTLETS SHALL BE REMOVED AND THE WALL PATCHED AND FINISHED TO MATCH THE ADJACENT WALL FINISHES.

H. ANY EXISTING CONDUIT, WIRING AND/OR ELECTRICAL & MECHANICAL DEVICES BEING DISTURBED BY THE WORK SHALL BE REWORKED BY THIS CONTRACTOR AS REQUIRED TO RETURN TO ITS FORMER EXISTING OPERATING CONDITION.

I. ANY CIRCUITS FEEDING THROUGH DEVICES OR EQUIPMENT BEING RELOCATED, REWORKED, OR ABANDONED & SERVING OTHER ELECTRICAL DEVICES, AND/OR EQUIPMENT SHALL BE MAINTAINED BY PROVIDING J-BOXES OR OTHER ACCEPTABLE METHOD AS REQUIRED.

J. ALL WALLS, CEILINGS, FLOORS, ETC., BEING DISTURBED BY THE WORK SHALL BE RETURNED TO FINISHED CONDITIONS TO MATCH EXISTING BY THE E.C. & THEY SHALL DO THEIR OWN CUTTING & PATCHING AS NECESSARY UNDER THEIR CONTRACT.

K. EXISTING MATERIALS SHALL BE TURNED OVER TO THE OWNER. IF NOT REQUIRED BY OWNER, THE E.C. SHALL REMOVE THESE MATERIALS FROM THE PREMISES.

L. NO CONDUIT, BOXES, WIRING, OR CABLES SHALL BE INSTALLED WITHIN 1 1/2" OF THE LOWEST POINT OF THE UNDERSIDE OF THE ROOF DECKING, NOR SHALL THEY BE INSTALLED CONCEALED WITHIN METAL-CORRUGATED ROOF DECKING. THE E.C. SHALL BE RESPONSIBLE TO REPLACE AND/OR REWORK EXISTING CONDUIT, BOXES, WIRING, AND CABLING THAT IS NOT IN COMPLIANCE WITH THIS REQUIREMENT.

M. ALL CONDUIT AND CABLING SHALL BE PROPERLY SUPPORTED AS REQUIRED BY THE NATIONAL ELECTRICAL CODE. THE E.C. SHALL BE RESPONSIBLE TO REPLACE AND/OR REWORK EXISTING CONDUIT AND/OR CABLING THAT IS NOT IN COMPLIANCE WITH THIS REQUIREMENT.

N. E.C. SHALL FIELD VERIFY SLAB ON GRADE FLOOR CONSTRUCTION TYPE PRIOR TO CUTTING. X-RAY OF FLOOR IS REQUIRED PRIOR TO ANY SAW CUTTING OR TRENCHING. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR CUT A STRUCTURAL FLOOR SLAB THICKER THAN FOUR (4") INCHES WITHOUT PRIOR WRITTEN APPROVAL FROM ENGINEER OF RECORD. NOTIFY ENGINEER OF RECORD OF ANY SLAB THICKNESS GREATER THAN FOUR (4") INCHES PRIOR TO PROCEEDING WITH ANY SAW CUTTING.

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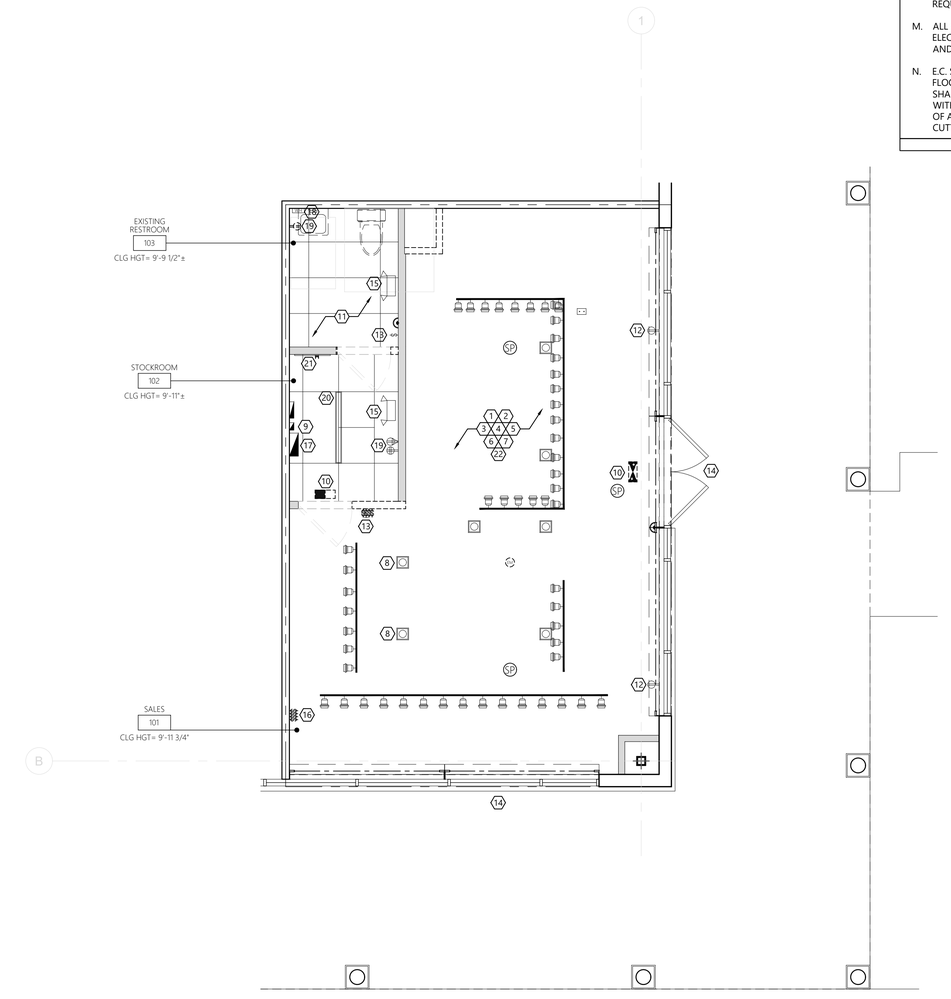

1 ELECTRICAL - DEMOLITION
SCALE: 1/4" = 1'-0"

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Sheet Name:
ELECTRICAL DEMOLITION PLAN

Date 8/27/2025
Drawn By MQE
Checked By MQE
Sheet E100

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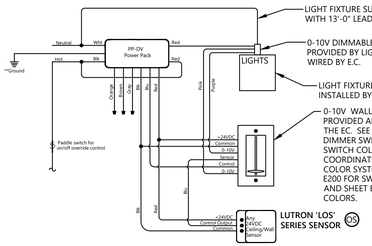
ENERGY CODE - COMMISSIONING

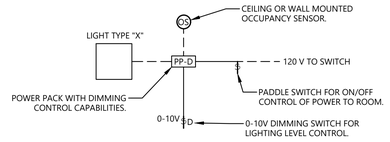
1. COMMISSIONING AGENT TO CONFIRM THE FOLLOWING IN THE OFFICE AREA:
   - 1.1. OCCUPANCY SENSORS DETECT MOTION AND ENERGIZE THE LOCAL SWITCHING.
   - 1.2. OCCUPANCY SENSORS DE-ENERGIZE AFTER NO MOTION IS DETECTED AFTER A 30 MINUTE DELAY.
2. COMMISSIONING AGENT TO CONFIRM THE FOLLOWING IN THE SALES AREA: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

E012 — ENERGY CODE - COMMISSIONING SMALL PROJECTS

E012-SGH-E200-REV01



MULTIPLE SENSOR, MULTIPLE POWER PACK (CONFIRM WITH CURRENT MANUFACTURER LITERATURE)



E002 — OCCUPANCY SENSOR SCHEMATICS

E002

E002-SGH-E200-REV02

B — KEY NOTES - ELECTRICAL LIGHTING PLAN

1. ROUTE UNSWITCHED CONNECTION TO EXIT SIGNS AND WHERE FIXTURES ARE SWITCHED, ROUTE ADDITIONAL POWER FROM THE SAME CIRCUIT AHEAD OF ALL SWITCHING FOR POWER LOSS SENSING.
2. NEW CURRENT LIMITER PANEL CLP##. MOUNT AT APPROXIMATELY 8'-0" AFF.
3. ROUTE CIRCUIT THROUGH NEW TIMECLOCK.
4. ROUTE THROUGH NEW SWITCH BANK.
5. NEW LIGHTING SWITCH BANK SEE DETAIL E033. IF LOCATION IS UNDESIRABLE, FIELD VERIFY EXACT LOCATION WITH TENANT'S PROJECT MANAGER PRIOR TO ROUGH-IN.
6. 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. SPEAKERS, WIRING AND ACCESSORIES ARE SUPPLIED AND INSTALLED BY THE SOUND SYSTEM VENDOR. COORDINATE WORK WITH THE VENDOR PRIOR TO CEILING INSTALLATION. SEE DETAIL E068.
7. INSTALL CATEGORY 6 CABLING FOR OWNER FURNISHED/INSTALLED SURVEILLANCE SYSTEM. LOCATIONS SHOWN ARE APPROXIMATE - OBTAIN EXACT LOCATIONS FROM THE TENANT'S PROJECT MANAGER PRIOR TO ROUGH IN. WHERE THE SPACE HAS A GYP CEILING, OR IS EXPOSED TO STRUCTURE, THE ELECTRICAL CONTRACTOR PROVIDES A RACEWAY SYSTEM AS WELL. ELECTRICAL CONTRACTOR PROVIDES BACK BOXES, CONDUITS AND UN-TERMINATED CATEGORY 6 CABLING. WHERE SPACE IS EXPOSED TO STRUCTURE, INSTALL THE CONDUIT CLOSE TO DECK. WHERE THERE ARE SOLID BEAMS TO PASS, DO SO WITH LB FITTINGS AND FOLLOW THE STRUCTURE, KEEPING CONDUIT CLOSE. PROVIDE 3/4" CONDUITS. SEE DETAIL E068.
8. LOCATION OF TRAFFIC COUNTER. 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.
9. CIRCUIT ROUTED THROUGH CLP-3A-8A (CURRENT LIMITING SUBPANEL).
10. EXISTING LIGHTING IN THIS AREA TO REMAIN. MAINTAIN ALL EXISTING CONNECTIONS AND CONTROLS. CIRCUIT SHOWN FOR LOAD CALCULATION PURPOSES ONLY.
11. LOCATION OF WIFI. PROVIDE CONDUIT FROM TECH RACK TO 24 INCHES ABOVE CEILING FOR TERMINATION AT WIRELESS POWER INJECTOR BRICK/WIRELESS ACCESS POINT. PROVIDE CATE6 CABLE WITH MINIMUM 6 FT LABELED AND COILED AT BOTH ENDS.
12. CONNECT EMERGENCY FIXTURE TO ADJACENT LIGHTING CIRCUIT AHEAD OF SWITCHING.
13. EXISTING LIGHTING IN THIS AREA TO REMAIN. PROVIDE NEW CONTROLS AS INDICATED. CIRCUIT SHOWN FOR LOAD CALCULATION PURPOSES ONLY.

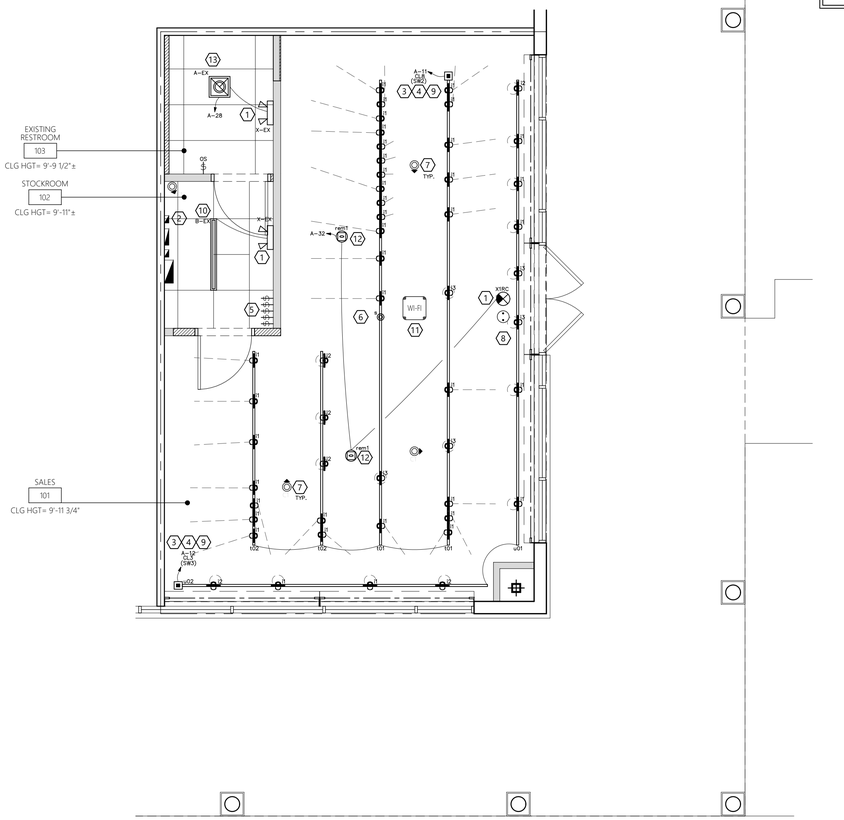
B-SGH-E200-REV01

LUMINAIRE SCHEDULE

TAG	DESCRIPTION	MANUFACTURER	MODEL NUMBER	FINISH/COLOR	VOLTS	LAMP TYPE	LAMP QTY	FIXTURE WATTS
A-EX	EXISTING TO REMAIN EXHAUST FAN LIGHT FIXTURE COMBO	ETR	ETR	ETR	120V 1P 2W	ETR	1	32
B-EX	EXISTING TO REMAIN LINEAR LIGHT FIXTURE	ETR	ETR	ETR	120V 1P 2W	ETR	1	25
i1	ISI SPOT TRACK BLACK 15 DEGREE LED 3000K RA95 18.3W 1970LM 120V, NOT DIMMABLE POWER SUPPLY ON BOARD.	VIABIZZUNO	ST7.001.N.3097.15.U	BLACK	120V 1P 2W	NON-DIMMABLE LED	1	18.3
i2	ISI SPOT TRACK BLACK 24 DEGREE LED 3000K RA95 18.3W 1970LM 120V, NOT DIMMABLE POWER SUPPLY ON BOARD.	VIABIZZUNO	ST7.001.N.3097.24.U	BLACK	120V 1P 2W	NON-DIMMABLE LED	1	18.3
i3	ISI SPOT TRACK BLACK 36 DEGREE LED 3000K RA95 18.3W 1970LM 120V, NOT DIMMABLE POWER SUPPLY ON BOARD.	VIABIZZUNO	ST7.001.N.3097.36.U	BLACK	120V 1P 2W	NON-DIMMABLE LED	1	18.3
rem1	RECESSED EMERGENCY LIGHT	LIGHTALARMS	RPW-PSQ WITH REMOTE CONTROL TEST SWITCH	WHITE	120V 1P 2W	4 LED W/UNIT, 717 LUMENS AT 90 MIN.	1	7
s	SPOT01TB – SPOTTUNE TRACK SPEAKER, BLACK 18W 50 – 15000HZ RF-BAND 1, 8-1, 9Ghz Ø115mm H200mm, 100-240V 50/60HZ	VIABIZZUNO	SPOT01TB	BLACK	120V 1P 2W	–	0	18
t#	TRACK VbB ~ 120V 16A BLACK	VIABIZZUNO	TRACK VbB	BLACK	120V 1P 2W	–	0	960
u#	TRACK VbB ~ 120V 16A BLACK	VIABIZZUNO	TRACK VbB	BLACK	120V 1P 2W	–	0	960
X1LC	WHITE, SEMI-RECESSED EXTRUDED ALUMINUM LED EDGE LIT EXIT SIGN, RED LETTER, CEILING MOUNTED WITH BATTERY	LIGHT ALARMS	SPLEDNWRCD (WHITE)	WHITE	120V 1P 2W	LED W/UNIT	2	3
X1RC	WHITE, SEMI-RECESSED EXTRUDED ALUMINUM LED EDGE LIT EXIT SIGN, RED LETTERS, CEILING MOUNTED, WITH BATTERY	LIGHTALARMS	SPLEDNWRCD (WHITE)	WHITE	120V 1P 2W	LED W/UNIT	–	3
X-EX	EXISTING EMERGENCY LIGHT FIXTURE TO REMAIN	ETR	ETR	ETR	120V 1P 2W	ETR	ETR	11

QR CODE
- SPOTTUNE: INSTALLATION MANUAL, CUTSHEETS, INSTALLATION VIDEO
- LIGHTING BOOK: CUTSHEETS, MOUNTING INSTRUCTIONS, VIDEO

QRC-001-REV00



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

N

A — GENERAL NOTES

A. EMERGENCY LUMINAIRES THAT ARE NOT WIRED TO A CENTRAL INVERTER SYSTEM SHALL BE CIRCUITED WITH AN "UNSWITCHED HOT" TO PROVIDE CONTINUOUS POWER TO BATTERY PACK EVEN WHEN LUMINAIRE IS OFF.

B. 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 AT THE G.C.s EXPENSE.

C. 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 ESSILOR LUXOTTICA PROJECT MANAGER FOR DIRECTION.

D. 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 ESSILOR LUXOTTICA PROJECT MANAGER FOR DIRECTION.

E. IN THE CASE OF EXISTING LIGHT FIXTURES TO REMAIN, E.C. SHALL RELAMP ALL FIXTURES PRIOR TO STORE OPENING BUT NOT DURING HEAVY CONSTRUCTION PERIOD.

F. 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.

G. 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.

H. E.C.'S BID SHALL INCLUDE THE INSTALLATION OF ALL LUMINAIRES AND ASSOCIATED LAMPS FURNISHED BY ESSILOR LUXOTTICA. E.C. IS RESPONSIBLE TO ENSURE THE ADJUST ABILITY OF ALL DIRECTIONAL FIXTURES AFTER INSTALLATION AND SHALL AIM THE FIXTURES PER DIRECTION FROM PLAN (LINE SHOWN DASHED FROM TRACK HEAD FIXTURE).

I. EMERGENCY AND EXIT LUMINAIRES SHALL BE INSTALLED AND CIRCUITED PER LOCAL AND LATEST NATIONAL ELECTRICAL CODES.

J. E.C. SHALL MAKE ALL FINAL CONNECTIONS AS REQUIRED FOR A FULLY COMPLETE AND OPERABLE SYSTEM. E.C. SHALL VERIFY THE VOLTAGE AND COMPATIBILITY OF ALL EQUIPMENT, FIXTURES AND MILLWORK PRIOR TO CONNECTION.

K. REPLACE EXISTING EMERGENCY BATTERY PACKS PRIOR TO TURN OVER.

L. IF INSTALLATION VARIES FROM THE CONTRACT DRAWINGS, THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR OBTAINING "AS BUILT" DRAWINGS FROM THE SUBCONTRACTORS AND SUBMITTING SAME TO ESSILOR LUXOTTICA PROJECT MANAGER.

A-SGH-E200-REV01

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.

JUNCTION BOX NOTE-SGH-E200-REV01

INFORMATION IS BASED ON SURVEY PICTURES. VERIFY ALL WORK IN FIELD. ADVISE ESSILOR LUXOTTICA PROJECT MANAGER OF ANY DISCREPANCIES.

FIELD VERIFICATIONNOTE-SGH-E200-REV01

NOTE: 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.

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ISSUED FOR:
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- ☐ BULLETIN
- ☐ ADDENDUM

Sheet Name: ELECTRICAL LIGHTING PLAN

Date 8/27/2025
Drawn By MQE
Checked By MQE

Sheet E200

G:\~projects\13219 - sunglass hut - leesburg premium outlets - leesburg, va\0000 E200.dwg E200 8/29/25 jremm

A COORDINATION NOTES

C01. DO NOT ROUGH IN ANY RECEPTACLES OR DATA OUTLETS ON THE SALES FLOOR WITHOUT FIRST CONFIRMING EXACT LOCATION WITH ESSILOR LUXOTTICA 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.

A-SGH-E201-REV01

B NOTE

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.

INFORMATION IS BASED ON SURVEY PICTURES. VERIFY ALL WORK IN FIELD. ADVISE ESSILOR LUXOTTICA PROJECT MANAGER OF ANY DISCREPANCIES.

B-SGH-E201-REV01

C NOTE

PROVIDE FIRE STOPPING FOR ALL PENETRATIONS OF FIRE WALLS. PROVIDE THROUGH WALL FIRE STOPPING FOR ALL LOCATIONS WHERE JUNCTION BOXES ARE LOCATED IN A DEMISING WALL, OR OTHER FIRE WALL.

C-SGH-E201-REV01

D KEY NOTES - ELECTRICAL POWER/SYSTEMS PLAN

1. POWER NEW CASHWRAP THRU FLOOR. CONDUITS TO BE ONE 1" FOR POWER AND THREE 1-1/4" FOR COMMUNICATIONS. PROVIDE NEW CAT6 CABLING AND ROUTE TO NEW TECH RACK LOCATION. SEE DETAIL.
2. ROUTE CIRCUIT THROUGH SWITCH BANK. SEE DETAIL E033.
3. NEW TIMECLOCK LOCATION.
4. PROVIDE A RECESSED CLOCK STYLE OUTLET BOX FOR THE RECEPTACLE AND DATA OUTLET CENTERED BEHIND MONITOR. VERIFY EXACT MOUNTING LOCATION WITH TENANT'S PROJECT MANAGER PRIOR TO INSTALLATION. (TYPICAL).
5. ROUTE CIRCUIT THROUGH NEW TIMECLOCK.
6. SWITCH BANK LOCATION.
7. PROVIDE TECH RACKS AND SUPPORTING EQUIPMENT. SEE DETAIL E068.
8. EXISTING PANEL BOARD TO REMAIN - SEE ONE-DIAGRAM.
9. EXISTING SIGNAGE POWER AND CONTROLS TO REMAIN. LABEL SHOWN FOR SWITCH PURPOSES.
10. PAINT TO MATCH ADJACENT CEILING.
11. PROVIDE SURFACE MOUNTED CONDUIT AND J-BOX FOR POWER TO REFRIGERATOR AND MICROWAVE.
12. PROVIDE TRENCHING (AS APPLICABLE) FOR POWER AND TELE/DATA. E.C. SHALL VERIFY ALL TRENCHING 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.
13. 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. PROVIDE DUPLEX RECEPTACLE LOCATED NEAR ACCESS PANEL TO SERVE TRAFFIC COUNTER. SEE ARCHITECTURAL PLANS FOR LOCATION.
14. PROVIDE 208V/2P/30A NON FUSED DISCONNECT AND FINAL CONNECTION TO WATER HEATER. COORDINATE POWER REQUIREMENTS WITH PLUMBING CONTRACTOR.
15. PROVIDE NEW OCCUPANCY SENSOR SWITCH. MAINTAIN EXISTING CIRCUIT. INTERLOCK EXISTING EXHAUST FAN WITH NEW OCCUPANCY SENSOR SWITCH AND LIGHTING IN RESTROOM. COORDINATE EXACT REQUIREMENTS IN FIELD.
16. WINDOW SECURITY GATE CONTROLS TO BE RELOCATED ADJECENT TO NEW LIGHTING SWITCHBANK. VERIFY EACT LOCATION IN FIELD WITH PROJECT MANAGER. EXTEND/MODIFY/SUPPLEMENT EXISTING CONTROL WIRING AS NEEDED.
17. EXISTING ROOFTOP UNIT TO REMAIN. MAINTAIN EXISTING BRANCH CIRCUIT.
18. EXISTING ROOFTOP RECEPTICLE TO REMAIN. MAINTAIN EXISTING BRANCH CIRCUIT.
19. CONFIRM EXACT RECEPTACLE PLACEMENT AND REQUIREMENTS WITH WALL DISPLAYS VENDOR.
20. EXISTING POWER FOR MOTORIZED WINDOW SECURITY GATES TO REMAIN.

D-SGH-E201-REV01

All saw cutting and slab removal to occur outside of normal business hours. Coordinate all work with Operations Director PRIOR to scheduling work to occur.

BOX CALL OUT ON PLANS	
FLOOR BOX	
SYSTEMONE FLOOR BOX HUBBELL CFBS1R4PFB W/CUP	CFBS1R4CVRALU (CARPET)
SYSTEMONE SUB-PLATE S1R4SP2X2DUPLEX	

E008 FLOOR BOX SCHEDULE

E008-SGH-E201-REV01

SGH ELEC. / DATA FACEPLATE, SWITCHES & PLUGS COLOR SCHEDULE

WALL FINISH	LUTRON DEVICE COLOR	WALL FINISH	LUTRON DEVICE COLOR
P-53	BRILLIANT WHITE (BW)	WC-60	COORDINATE WITH ARCHITECT
P-57	LIGHT ALMOND (LA)	WC-61	COORDINATE WITH ARCHITECT
P-61	COORDINATE WITH ARCHITECT	PWT-52	PEBBLE (PB)
P-62	MIDNIGHT (MN)		
P-501	MIDNIGHT (MN)		

UTILIZE LUTRON FOR ALL ELECTRICAL DEVICES. APPLIES TO SWITCHES, (DEVICES & FACEPLATES), RECEPTACLES, (DEVICES & FACEPLATES), DATA, (INSERTS AND FACEPLATES. JACK COLORS NOT APPLICABLE), HDMI PORTS AND OCCUPANCY SENSORS. SHOULD ANY DEVICES BE LOCATED ON WALLS WITH OTHER FINISHES RATHER THAN WHAT IS SPECIFIED ABOVE, GC SHALL PROVIDE AN RFI TO THE ESSILOR LUXOTTICA PROJECT MANAGER.

ELECTRICIAN MUST COORDINATE WITH ARCHITECTURAL FINISH PLAN SHEET.

COLOR SCHEDULE-SGH-E201-REV01

Electrical Comments:

• Tenant is required to make a field survey of the existing electrical service to ensure that the proposed total connected load does not exceed the existing electrical service capacity. Verify existing electrical service, sub-feed wiring & panels prior to start of Tenant's electrical work. Existing conduits, exposed low voltage wiring, water pipes, drain lines, etc. may be installed either above the existing ceiling, inside the original concrete slab or just below the slab; Landlord's as built drawings may not accurately reflect these installations. Any/ all modifications or upgrades needed are subject to Landlord's prior approval, and will be completed by Tenant/ Tenant's GC, at Tenant's sole expense.

• EMT (electric metallic tubing) shall be used in all demising walls, home runs, and between junction boxes and pull boxes. MC Cable may be used in other application as allowed by the Authority Having Jurisdiction (AHJ) or as approved by the Landlord. All exposed conduit, rigid or MC cable, shall be installed in tight straight lines, parallel or perpendicular to the building structure. Do not loop excess MC Cable in ceiling space or wall cavity. Where MC cable is approved for installation, no "slack" will be permitted in exposed applications. MC cable support shall be provided as often as required to maintain a tight installation.

• All panels shall be UL labeled with bolt on type circuit breakers. Panels shall NOT be recessed in demising and shall be mounted on plywood backer panels or unistrut supports unless recessed into a furred out or interior wall.

• Panel phase loads to be balanced within 10%. Field verify all riser diagram details.

• Nothing is permitted to be attached to, suspended from, or penetrate Landlord's structure, floor deck, or roof deck. You may attach, non-destructively, to or suspend from the top chord of the joist or the structural steel which exists above the tenant space. When attaching to Landlord's structure, do NOT drill, weld, screw, or shoot into structure. Alternative methods of attachment ONLY, nothing to damage landlord's base building structure. Tenant shall provide signed and sealed structural drawings, by a structural engineer with legally active registration as indicated by all jurisdictional requirements, for all structural modifications for Landlord records.

• All equipment, devices and fixtures shall be grounded in compliance with NEC and UL requirements.

• All additions, extensions or modifications shall be approved by Landlord prior to installation. All fire alarm related work shall comply with all applicable codes and shall be installed by licensed, certified contractors only. All connections to the Landlord's base building fire alarm system shall be coordinated with the Property Management team.

• All low voltage cabling (telephone, data, security, CCTV, background music, etc. shall be installed per applicable codes and Tenant shall secure all required permits for cabling installation. All cabling shall be installed in a neat and workmanlike manner, and shall be installed parallel and perpendicular to building walls similar to electrical conduit systems. "Looping" of cable in exposed spaces will not be permitted.

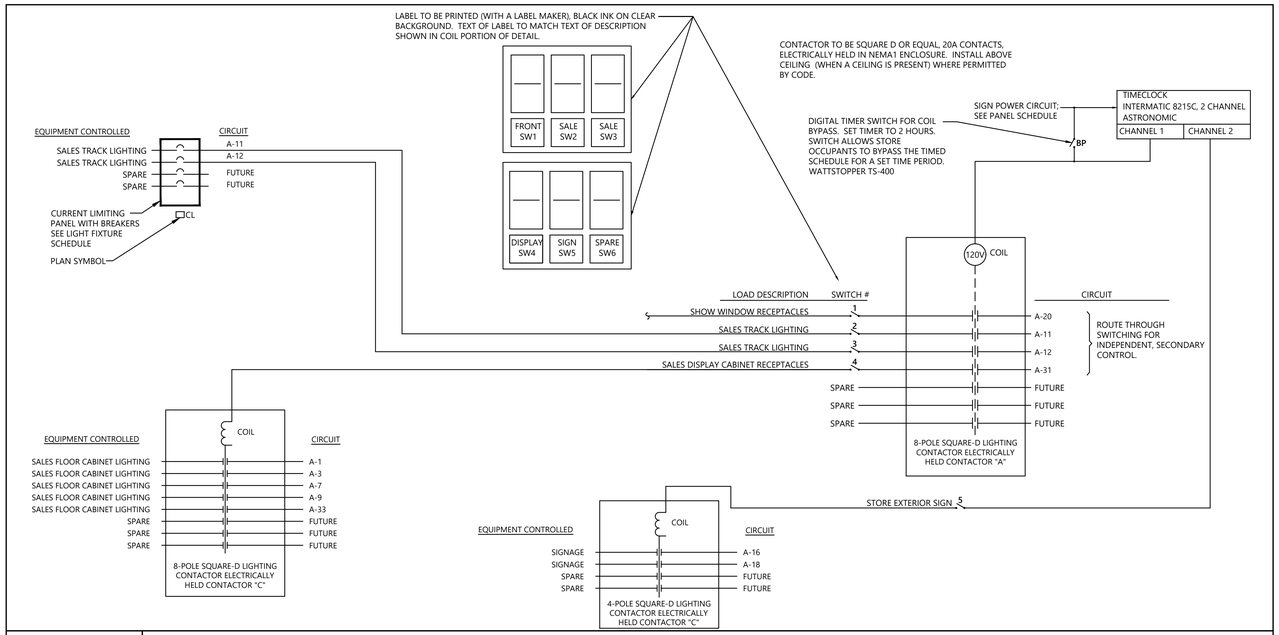
• All background music/paging systems shall be connected to the building fire alarm system to allow for shutdown of the system in an emergency situation. Connect to the existing building shutdown relay if already provided.

• Slab requirements: Tenant's General Contractor shall advise the Property Management team prior to any slab modifications or removal. Tenant GC shall verify that work shall not conflict with any existing structural, utility, or other under-slab condition. (Nondestructive verification may be required.) Any damage or downtime caused by Tenant's work shall be repaired and reimbursed at Tenant's expense.

• Tenant's storefront sign must remain circuited via Tenant's electrical panel and controlled via sign relay tied into Landlord's master time clock system. In some circumstances, the storefront sign circuit may be connected to a Landlord "House panel" with a time function. If this is the case, all means necessary shall be taken to maintain this circuit and connectivity. NO EXCEPTIONS shall be allowed. Verify existing conditions at pre-construction meeting. Tenant's storefront sign must be working when store opens for business.

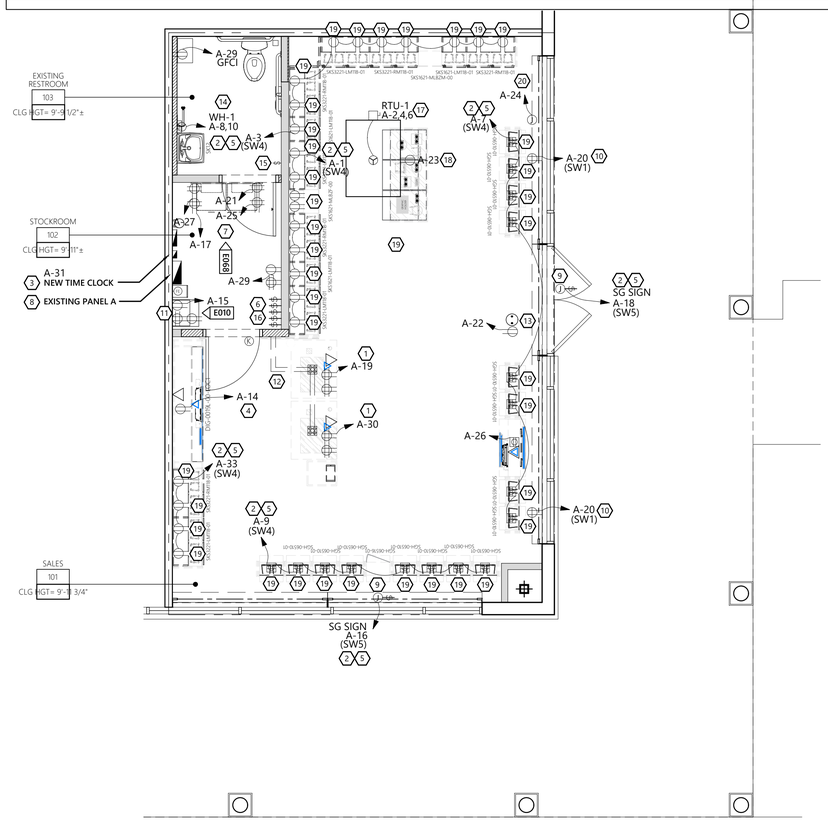
• All penetrations to roof must be approved by Landlord. All related roof work MUST be done by property's designated roofing contractor, at Tenant's expense. Coordinate all work with Property Management on site.

SIMON PREMIUM OUTLETS



E033 SWITCH BANK AND ASSOCIATED CONTACTORS, PHOTOSWITCH WHEN EXTERIOR CONTROL IS REQUIRED

E033



1 ELECTRICAL - POWER/SYSTEMS
SCALE: 1/4" = 1'-0"

E033-SGH-E201-REV02

NOTE: ALL TRENCHED CONDUIT TO BE 3/4" UNLESS NOTED OTHERWISE.
TRENCHED CONDUIT NOTE-SGH-E201-REV01

NOTE: ROUTE ALL CAT6 WIRING TO TECH RACK UNLESS NOTED OTHERWISE.
DATA WIRE NOTE-SGH-E201-REV01

DESIGN & CONSTRUCTION MANAGEMENT:

EssilorLuxottica
NORTH AMERICA STORE DEVELOPMENT
1 West 37th Street New York, NY 10018
+1 212 302 1200

STORE #4728
LEESBURG PREMIUM OUTLETS
241 FORT EVANS RD, NE #605
LEESBURG, VA 20176

Construction for:
sunglass hut
A Brand of EssilorLuxottica

Revisions:

Mark	Date	By
△		
△		
△		
△		
△		
△		
△		

Architect / Engineer of Record
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CINCINNATI, OH 45255

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COMMONWEALTH OF VIRGINIA
JOHN WILDER QUILLEN JR.
LIC# 0402056051
PROFESSIONAL ENGINEER
8/29/2025

Architect / Engineer Job No.: 13219
EssilorLuxottica CDS Layout No.: **DD-REV7**
EssilorLuxottica Reference Set No.: **SGH06E**
EssilorLuxottica Project Number: 101057
Brand Design Type: **SGH06E**

ISSUED FOR:
☐ 100% PRELIM ☐ CONSTRUCTION
☐ 100% FINAL ☐ BULLETIN
☐ ADDENDUM

Sheet Name: ELECTRICAL POWER/SYSTEMS PLAN

Date 8/27/2025
Drawn By MQE
Checked By MQE
Sheet E201

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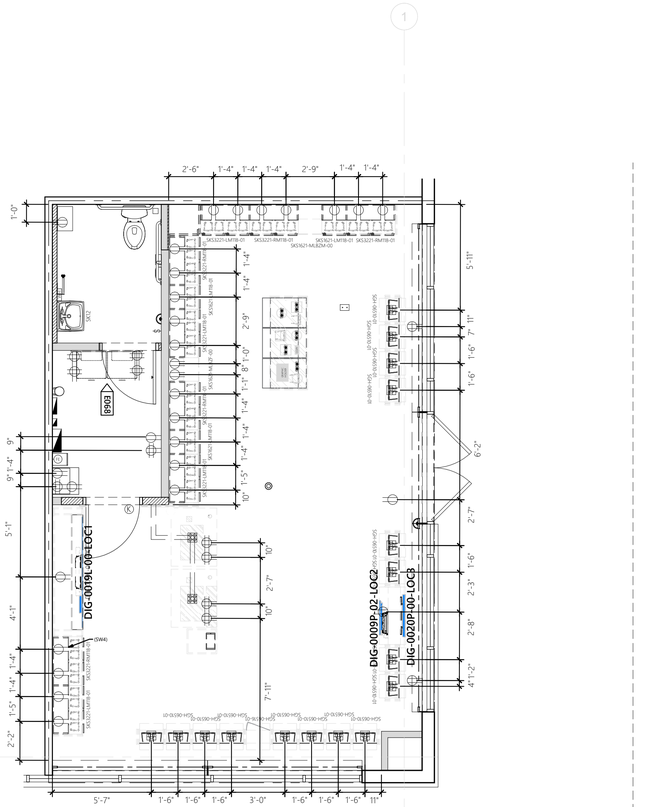
A GENERAL NOTES - ELECTRICAL DIMENSION

A. FLOOR BOX AND CONDUIT STUB UP LOCATIONS TO BE VERIFIED WITH THE ARCHITECTURAL PLANS / CASEWORK LAYOUT, GENERAL CONTRACTOR, AND ESSILOR LUXOTTICA PROJECT MANAGER PRIOR TO TRENCHING FLOOR.
B. VERIFY ALL MONITOR LOCATIONS AND EXACT HEIGHT REQUIREMENTS FOR THE ELECTRICAL DEVICES.
C. HEIGHTS LISTED ARE TO CENTER OF BOX.
D. SEE ARCHITECTURAL PLANS TO COORDINATE DEVICE HEIGHTS FOR ALL CASEWORK.
E. HAND DRYERS: VERIFY FINAL MOUNTING HEIGHT WITH ARCHITECTURAL PLANS AND MANUFACTURER RECOMMENDATIONS.
F. ELECTRICAL WATER COOLER: VERIFY FINAL MOUNTING LOCATION WITH THE PLUMBING CONTRACTOR.
G. DATA OUTLETS TO BE LOCATED ADJACENT TO RECEPTACLE.
H. VERIFY ALL DIGITAL MONITOR LOCATIONS PRIOR TO ROUGH-IN OF MONITOR DEVICES.
I. IF MOUNTING HEIGHT FOR RECEPTACLE IS NOT EXPLICITLY NOTED, RECEPTACLE CAN BE ASSUMED TO BE MOUNTED AT 18".

A-SGH-E202-REV01



1 ELECTRICAL - DIMENSION PLAN
SCALE: 1/4" = 1'-0"

DESIGN & CONSTRUCTION MANAGEMENT:

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1 West 37th Street New York, NY 10018
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EssilorLuxottica Project Number: 101057
Brand Design Type: **SGH06E**

ISSUED FOR:
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Sheet Name: ELECTRICAL DIMENSION PLAN

Date: 8/27/2025
Drawn By: MQE
Checked By: MQE
Sheet: E202

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COM*check* Software Version COMcheckWeb

Interior Lighting Compliance Certificate

Project Information

Energy Code: 2021 IECC
Project Title: 13219 - Sunglass Hut - Leesburg Premium Outlets - Leesburg, VA
Project Type: Alteration

Construction Site:
241 FORT EVANS RD, NE
LEESBURG, Virginia 20176

Owner/Agent:

Designer/Contractor:
John Quillen
Marque Engineering
4850 Smith Rd Suite 101
Cincinnati, Ohio 45212
513-901-0040

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts
1-Common Space Types:Storage >=50 - <=1000 sq.ft.	49	0.38	19
2-Common Space Types:Restrooms	47	0.63	30
3-Common Space Types:Sales Area	546	1.05	573
Allowance: Other retail highlighting / Fix. ID: CL3	85 (a)	0.45	38 (b)
Allowance: Other retail highlighting / Fix. ID: CL8	200 (a)	0.45	90 (b)
		Supplemental Allowed Watts (null) =	539
		Total Allowed Watts =	1289

(a) Area claimed may exceed total floor area when Retail Merchandise Highlighting allowance(s) are specified.
(b) Allowance is (B x C) or the actual wattage of the fixtures given in Proposed Power section, whichever is less.
(c) Supplemental watts must be associated with retail merchandise highlighting fixtures.

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture	D Fixture Watt.	E (C X D)
Common Space Types: Storage >=50 - <=1000 sq.ft. (49 sq.ft.)				
LED: A-EX: Other:	1	1	40	40
Common Space Types: Restrooms (47 sq.ft.)				
LED: B-EX: Other:	1	1	35	35
Common Space Types: Sales Area (546 sq.ft.)				
Track Lighting: CL3: Wattage based on current limiting device capacity	0	0	360	360
Track Lighting: CL8: Wattage based on current limiting device capacity	0	0	840	840
LED: rem1: Other:	1	2	7	14
			Total Proposed Watts =	1289

Interior Lighting : Passes using retail merchandise highlighting supplemental watts.

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2021 IECC requirements in COM*check* Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title Signature Date

COM*check* Software Version COMcheckWeb

Inspection Checklist

Energy Code: 2021 IECC

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

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

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

Additional Comments/Assumptions:

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

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.3.1 [EL22][1]	Spaces required to have light-reduction controls have a manual control that allows the occupant to reduce the connected lighting load in a reasonably uniform illumination pattern >= 50 percent.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C405.2.1.1, C405.2.1.1 [EL18][1]	Occupancy sensors installed in classrooms/lecture/training rooms, conference/meeting/multipurpose rooms, copy/print rooms, lounges/breakrooms, enclosed offices, open plan office areas, restrooms, storage rooms, locker rooms, corridors, warehouse storage areas, and other spaces <= 300 sqft that are enclosed by floor-to-ceiling height partitions. Reference section language C405.2.1.2 for control function in warehouses and section C405.2.1.3 for open plan office spaces.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C405.2.1.2 [EL19][1]	Occupancy sensors control function in warehouses: In warehouses, the lighting in aisleways and open areas is controlled with occupant sensors that automatically reduce lighting power by 50% or more within 20 minutes of when the areas are unoccupied. The occupant sensors control lighting in each aisleway independently and do not control lighting beyond the aisleway being controlled by the sensor. Lights not turned off by occupant sensors is done so by time-switch.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	**Exception:** Requirement does not apply.
C405.2.1.3 [EL20][1]	Occupant sensor control function in open plan office areas: Occupant sensor controls in open office spaces >= 300 sq.ft. have controls 1) configured so that general lighting can be controlled separately in control zones with floor areas <= 600 sq.ft. within the space, 2) general lighting in each zone permitted to turn on upon occupancy in control zone, 3) automatically turn off general lighting in all control zones within 20 minutes after all occupants have left the space, 4) are configured so that general lighting power in each control zone is reduced by >= 80% of the full zone general lighting power within 20 minutes of all occupants leaving that control zone.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	**Exception:** Requirement does not apply.
C405.2.2.1 C405.2.2.1 [EL21][1]	Each area not served by occupancy sensors (per C405.2.1.1) have time-switch controls and functions detailed in sections C405.2.2.1.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.

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

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.4.1, C405.2.4.2 [EL23][1]	Daylight zones provided with individual controls that control the lights independent of general area lighting. See code section C405.2.3 Daylight-responsive controls for applicable spaces. C405.2.3.1 Daylight responsive control function and section C405.2.3.2 Sidelit zone.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C405.2.5 [EL27][1]	Additional interior lighting power allowed for special functions per the approved lighting plans and is automatically controlled and separated from general lighting.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C405.7 [EL26][1]	Low-voltage dry-type distribution electric transformers meet the minimum efficiency requirements of Table C405.6.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C405.8 [EL27][1]	Electric motors meet the minimum efficiency requirements of Tables C405.7(1) through C405.7(4). Efficiency verified through certification under an approved certification program or the equipment efficiency ratings shall be provided by motor manufacturer (where certification programs do not exist).	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C405.9.1, C405.9.2 [EL28][1]	Escalators and moving walks comply with ASME A17.1/CSA B44 and have automatic controls configured to reduce speed to the minimum permitted speed in accordance with ASME A17.1/CSA B44 or applicable local code when not conveying passengers.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	**Exception:** Requirement does not apply.
C405.10 [EL29][1]	Total voltage drop across the combination of feeders and branch circuits <= 5%.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C405.1.1 [EL30][1]	At least 90% of dwelling unit permanently installed lighting shall have lamp efficacy >= 65 lm/W or luminaires with efficacy >= 45 lm/W or comply with C405.2.4 or C405.3.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C405.11, C405.11.1 [EL31][1]	50% of 15/20 amp receptacles installed in enclosed offices, conference rooms, copy rooms, break rooms, classrooms and workstations and > 25% of branch circuit feeders for modular furniture will have automatic receptacle control in accordance with C405.11.1.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

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

Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C303.3, C408.2.5.2 [FI17][1]	Furnished O&M instructions for systems and equipment to the building owner or designated representative.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C408.1.1 [FI57][1]	Building operations and maintenance documents will be provided to the owner. Documents will cover manufacturers' information, specifications, programming procedures and means of illustrating to owner how building, equipment and systems are intended to be installed, maintained, and operated.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C408.2.5 [FI16][1]	Furnished as-built drawings for electric power systems within 90 days of system acceptance.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C408.3 [FI33][1]	Lighting systems have been tested to ensure proper calibration, adjustment, programming, and operation.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

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

DESIGN & CONSTRUCTION MANAGEMENT:
EssilorLuxottica
NORTH AMERICA STORE DEVELOPMENT
1 West 37th Street New York, NY 10018
+1.212.302.1200

STORE #4728
LEESBURG PREMIUM OUTLETS
241 FORT EVANS RD, NE #605
LEESBURG, VA 20176

Construction for:
sunglass hut
A Brand of EssilorLuxottica

Revisions:

Mark	Date	By
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Architect / Engineer of Record
JOHN QUILLEN, PE, MBA
8394 GREENLEAF DR.
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Seal

COMMONWEALTH OF VIRGINIA
JOHN WILDER QUILLEN JR.
LIC# 0402056051
PROFESSIONAL ENGINEER
8/29/2025

Architect / Engineer Job No.:
13219

EssilorLuxottica CDS Layout No.:
DD-REV7

EssilorLuxottica Reference Set No.:
SGH06E

EssilorLuxottica Project Number 101057

Brand Design Type:
SGH06E

ISSUED FOR:
☐ 100% PRELIM ☐ CONSTRUCTION
☐ 100% FINAL ☐ BULLETIN
☐ ADDENDUM

Sheet Name:
ELECTRICAL ENERGY COMPLIANCE

Date 8/27/2025
Drawn By MQE
Checked By MQE
Sheet EN100

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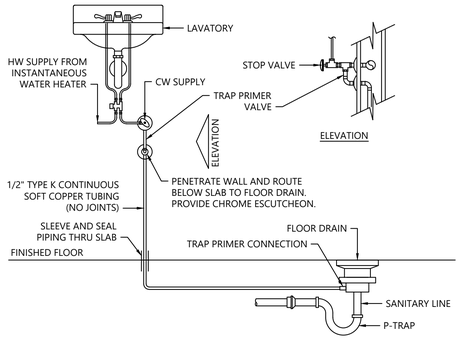
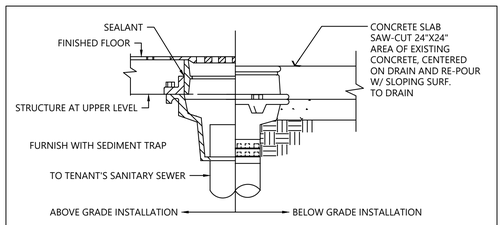


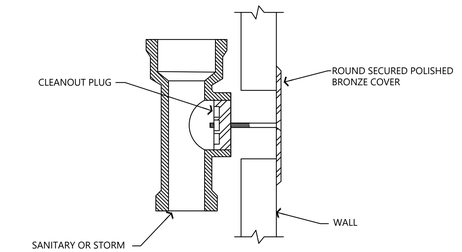
PD1 TRAP PRIMER DETAIL

PD1-SGH-P001-REV01



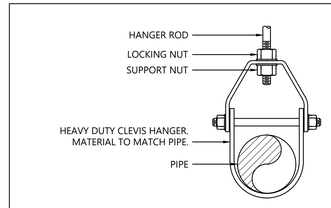
PD2 TYPICAL FLOOR DRAIN DETAIL

PD2-SGH-P001-REV01



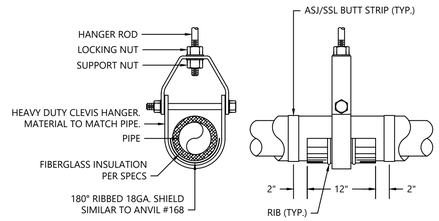
PD3 WALL CLEAN OUT DETAIL

PD3-SGH-P001-REV01



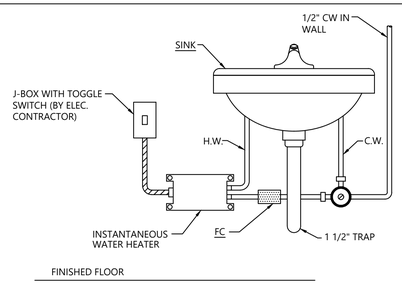
PD4 UNINSULATED PIPE SUPPORT DETAIL

PD4-SGH-P001-REV01



PD5 INSULATED PIPE SUPPORT DETAIL

PD5-SGH-P001-REV01



PD6 INSTANT WATER HEATER DETAIL

PD6-SGH-P001-REV01

1 PLUMBING SPECIFICATIONS

I. GENERAL PROVISIONS

A. GENERAL CONDITIONS, CODES & STANDARDS

1. GENERAL CONDITIONS OF THE CONTRACT FOUND IN THE ARCHITECTURAL DRAWINGS, GENERAL AND SPECIAL CONDITIONS OF THE AMERICAN INSTITUTE OF ARCHITECTS (AIA) (NSPE)(NEC) AND ANY OF THE TENANT'S GENERAL REQUIREMENTS SHALL APPLY UNLESS NOTED OTHERWISE.
2. REFER TO THE GENERAL CONDITIONS ON THE ARCHITECTURAL DOCUMENTS AND THE GENERAL AND SPECIAL CONDITIONS OF THE AIA FOR ADDITIONAL REQUIREMENTS REGARDING; SAFETY, COORDINATION & COOPERATION, WORKMANSHIP, PROTECTION, CUTTING AND PATCHING, DAMAGE TO OTHER WORK, PRELIMINARY OPERATIONS, STORAGE, ADJUSTMENTS, CLEANING, ETC.
3. ALL WORK SHALL BE IN CONFORMANCE WITH ALL LOCALLY ENFORCED, FEDERAL, STATE AND LOCAL CODES AND ORDINANCES INCLUDING ANY SPECIAL THE TENANT REQUIREMENTS IN ADDITION TO THOSE SPECIFIED.
4. 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.

B. SCOPE OF WORK

1. THIS CONTRACT SHALL INCLUDE THE FURNISHING, INSTALLING, CONNECTING, AND OPERATION OF ALL EQUIPMENT WHICH IS A PART OF THE PLUMBING SYSTEMS AS SHOWN ON THE DRAWINGS AND AS REQUIRED BY SIMILAR INSTALLATIONS. ANY MATERIAL OR LABOR WHICH IS NEITHER SHOWN ON THE DRAWINGS NOR CALLED FOR IN THE SPECIFICATIONS, BUT WHICH IS OBVIOUSLY NECESSARY TO COMPLETE THE WORK AND WHICH IS USUALLY INCLUDED IN WORK OF A SIMILAR CHARACTER SHALL BE FURNISHED AND INSTALLED UNDER THIS CONTRACT AT NO ADDITIONAL COST TO THE TENANT. GENERAL CONTRACTOR SHALL PROVIDE ALL LABOR AND MATERIALS REQUIRED TO PROVIDE THE TENANT A COMPLETE, CODE APPROVED AND OPERATIONAL PLUMBING SYSTEMS.
2. CAREFULLY READ SPECIFICATION FOR ALL PARTS OF THE WORK SO AS TO BECOME FAMILIAR WITH ALL TRADES' WORK SCOPE. CONSULT WITH OTHER TRADES TO INSURE PROPER LOCATIONS AND AVOID INTERFERENCES. ANY CONFLICT SHALL BE BROUGHT TO THE ATTENTION OF THE TENANT BEFORE WORK IS COMMENCED.
3. ALL CONTRACTORS SHALL BE HELD TO HAVE EXAMINED THE PREMISES AND SITE SO AS TO COMPARE THEM WITH THE DRAWINGS AND SPECIFICATIONS, NOTE THE EXISTING CONDITIONS AND OTHER WORK THAT WILL BE REQUIRED, AND THE NATURE OF THE CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED. NO ALLOWANCE SHALL BE MADE TO ANY CONTRACTOR BY REASON OF THIS FAILURE TO HAVE MADE SUCH EXAMINATION OR OF ANY ERROR ON HIS PART.
4. ALL EXISTING UTILITY AND MECHANICAL SERVICES SHALL BE FIELD VERIFIED. CORRECTIONS TO THE DESIGN AND INSTALLATION SHALL BE MADE WITHOUT ADDITIONAL COST TO THE TENANT.
5. THIS GENERAL CONTRACTOR IS RESPONSIBLE TO COORDINATE THE OPENINGS WITH THE GENERAL TRADES CONTRACTOR. THE FINAL LOCATIONS AND SIZES OF ALL DUCT AND LOUVER OPENINGS SHALL BE PROVIDED BY THIS CONTRACTOR.
6. THIS CONTRACT SHALL ALSO INCLUDE ALL LABOR, MATERIALS AND MISCELLANEOUS EXPENSES REQUIRED FOR ALL REQUIRED PLUMBING DEMOLITION OF THE EXISTING AREAS BEING RENOVATED.
   a. THE DEMOLITION SHALL CONSIST OF THE COMPLETE REMOVAL (PROPERLY DISPOSED OFF SITE UNLESS OTHERWISE NOTED) OF ALL PLUMBING EQUIPMENT, PIPING, MATERIALS, ETC. NOT REQUIRED IN THE FINAL DESIGN AND INSTALLATION OF THE PLUMBING SYSTEMS FOR THE NEW RENOVATED AREAS.
   b. ALL UNDERGROUND SERVICES NOT BEING REUSED SHALL BE CAPPED BELOW THE FLOOR.
   c. ALL ABOVE GROUND SERVICES SHALL BE REMOVED BACK TO THEIR RESPECTIVE MAIN AND CAPPED OR IF THE MAIN IS NOT REQUIRED, THE MAIN SHALL BE REMOVED IN IT'S ENTIRETY.
   d. COORDINATE ALL DEMOLITION WITH THE ARCHITECTURAL DOCUMENTS AND THE ARCHITECT AND THE TENANT'S GENERAL REQUIREMENTS.
7. ALL WORK INCLUDING, BUT NOT LIMITED TO PARTS, MATERIAL, EQUIPMENT AND LABOR SHALL BE GUARANTEED FOR ONE YEAR AFTER ACCEPTANCE BY THE ENGINEER AND TENANT. WHERE AN EQUIPMENT MANUFACTURER HAS A WARRANTY THAT EXCEEDS ONE YEAR, THAT WARRANTY PERIOD SHALL APPLY TO THIS PROJECT.

C. DOCUMENTS

1. THE DRAWINGS ARE DIAGRAMMATIC, ALL WORK SHALL BE PERFORMED AS INDICATED ON THE DRAWINGS UNLESS EXISTING CONDITIONS OR COORDINATION ISSUES REQUIRE CHANGES. THESE CHANGES SHALL BE MADE WITH NO ADDITIONAL COST TO THE TENANT.
2. ANY INCIDENTAL ITEMS OR LABOR, ETC. NOT INCLUDED IN THE SPECIFICATIONS OR THE DRAWINGS BUT REASONABLY IMPLIED AS NECESSARY FOR THE COMPLETE INSTALLATION OF ALL APPARATUS SHALL BE INCLUDING IN BID.
3. THE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO SUPPLEMENT EACH OTHER AND ANY MATERIAL OR LABOR CALLED FOR IN ONE SHALL BE FURNISHED EVEN THOUGH NOT MENTIONED IN BOTH.
4. IF ERRORS ARE FOUND IN THE DRAWINGS OR SPECIFICATIONS OR DISCREPANCIES OCCUR BETWEEN THE SAME, OR BETWEEN THE FIGURES ON THE DRAWINGS, AND THE SCALE OF SAME OR BETWEEN THE LARGER AND SMALLER DRAWINGS, OR IN THE DESCRIPTIVE MATTER ON THE DRAWINGS SHALL BE REFERRED TO THE TENANT FOR REVIEW AND FINAL DECISION PRIOR TO THE BID DUE DATE.
5. THE BIDDING OF THIS WORK WILL CONTEMPLATE THE USE OF EQUIPMENT AND MATERIALS EXACTLY AS SPECIFIED HEREIN. WHERE MORE THAN ONE MANUFACTURER IS MENTIONED ANY ONE MAY BE UTILIZED. SUBSTITUTE MANUFACTURERS MAY BE OFFERED ONLY AS AN ALTERNATE TO THE SPECIFIED EQUIPMENT AND MATERIAL.
   a. SUBSTITUTIONS
   i. 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 EXACTLY AS INDICATED.
   ii. THE GENERAL CONTRACTOR SHALL SUBMIT FOR APPROVAL, WITH HIS BID QUOTATION, A LIST OF ANY PROPOSED SUBSTITUTIONS OF MATERIALS AND EQUIPMENT FOR THOSE ON WHICH THE ORIGINAL DESIGN WAS BASED. A FULL DESCRIPTION OF ALL PROPOSED SUBSTITUTED ITEMS, THE CHANGE TO THEIR BID PRICE OR OTHER REASONS FOR SUCH SUBSTITUTIONS SHALL ACCOMPANY THE BID. ALL ACCESSORIES, FEATURES, ETC., SUPPLIED WITH THE SUBSTITUTED MANUFACTURER'S PRODUCT SHALL ALSO BE INCLUDED IN THE BID.
   iii. IF THE GENERAL CONTRACTOR DOES NOT SUBMIT PROPOSED SUBSTITUTIONS WITH THEIR BID THE TENANT SHALL CONSIDER THE BIDDER TO BE PROPOSING THE MANUFACTURERS AND MODEL NUMBERS SPECIFIED HEREIN AND SHOWN ON THE CONTRACT DRAWINGS.
   iv. SUBSTITUTIONS AFTER CONTRACT AWARD SHALL NOT BE PERMITTED.
6. MISCELLANEOUS ITEMS NECESSARY TO COMPLETE THE SYSTEMS CAN BE OF ANY RECOGNIZED MANUFACTURE PROVIDED THESE ITEMS MEET MINIMUM STANDARDS AS SET IN THESE SPECIFICATIONS. REFER TO EACH SECTION FOR ANY SPECIFIC REQUIREMENTS.

D. COORDINATION

1. GENERAL CONTRACTOR SHALL INCLUDE A VISIT TO THE JOB SITE AND TAKE INTO CONSIDERATION MECHANICAL, ELECTRICAL AND GENERAL TRADE WORK CURRENTLY EXISTING AND WORK WHICH MAY BE INSTALLED PRIOR TO CONTRACT AWARD. RELOCATION OF DUCTWORK, PIPING AND EQUIPMENT, AS REQUIRED, TO AVOID THIS WORK SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE TENANT.
2. GENERAL CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AT THE BUILDING SITE BEFORE STARTING ANY FABRICATION OR DOING ANY WORK IN THE FIELD AND SHALL BE RESPONSIBLE FOR THE CORRECT AND PROPER MEASUREMENTS OF HIS WORK ALONG WITH RESOLUTIONS FOR ANY CONFLICT OF SPACE WITH OTHER TRADES.
3. WHERE THE WORK OF TWO OR MORE TRADES INTERFERE WITH EACH OTHER AND A DEVIATION FROM DESIGN IS NECESSARY, NEITHER WORK SHALL PROCEED UNTIL THE TENANT HAS BEEN NOTIFIED OF THE CONFLICT AND THEY HAVE RENDERED A DECISION AS TO WHAT CHANGES SHOULD BE MADE.
4. 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.
5. IT IS ESSENTIAL THAT ALL WORK AT THE PROJECT BE DONE AS SUCH TIME AND IN SUCH MANNER AS NOT TO INTERFERE WITH THE NORMAL OPERATIONS OF THE FACILITY. A WORK SCHEDULE SHALL BE ARRANGED WITH THE TENANT TO FACILITATE WORK WITH A MINIMUM OF INTERFERENCE WITH THE TENANT'S OPERATIONS.
6. AREAS TO BE USED FOR STORAGE SHALL BE ONLY AS DIRECTED BY THE TENANT. ALL STORED MATERIAL SHALL BE RELOCATED OR REMOVED FROM THE SITE AS DIRECTED BY THE TENANT.
7. DAILY, AND AT THE COMPLETION OF THE WORK, EACH GENERAL CONTRACTOR SHALL REMOVE ALL EXCESS MATERIALS AND DEBRIS CAUSED BY HIS WORK. UPON COMPLETION OF EACH GENERAL CONTRACTOR'S WORK, CONDITIONS OF THE SPACE(S) SHALL BE THE SAME AS FOUND PRIOR TO COMMENCEMENT OF THE WORK. FAILURE TO DO SO MAY RESULT IN THE TENANT'S EMPLOYMENT OF A SEPARATE SERVICE TO OBTAIN THIS CONDITION AND REDUCING THE FACTOR'S CONTRACT AMOUNT BY THE COST OF SUCH A SERVICE.
8. EACH GENERAL CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ALL DAMAGE TO OTHER WORK CAUSED BY HIS WORK OR THROUGH THE NEGLECT OF HIS, OR HIS SUB-TRADE'S PERSONNEL. ALL PATCHING, REPAIRING, REPLACEMENT AND PAINTING, ETC. SHALL BE DONE AS DIRECTED BY THE TENANT BY THE CRAFTSMEN OF THE TRADES INVOLVED. THE COSTS OF SUCH WORK SHALL BE PAID BY THE CONTRACTOR CAUSING THE DAMAGE.

E. METHODS

1. EXCAVATIONS SHALL BE MADE IN OPEN TRENCHES. FLOORS SHALL BE SAW CUT. PIPING SHALL BE LAID ON AN APPROPRIATELY GRADED 6" BED OF CLEAN AND DRY SAND. ENGINEERED FILL SHALL BE USED TO BACKFILL TO 6" ABOVE THE PIPING. BACKFILL THE REMAINDER OF THE TRENCH UTILIZING THE EXCAVATED MATERIAL IF APPROVED BY THE ARCHITECT OR THE TENANT. IF THE EXCAVATED MATERIALS ARE NOT ACCEPTABLE, ENGINEERED FILL ACCEPTABLE TO THE ARCHITECT SHALL BE UTILIZED TO BACKFILL THE REMAINDER OF THE TRENCH. BACKFILL SHALL BE ACCOMPLISHED IN 9" LIFTS WITH ALL LIFTS COMPACTED TO 95% PROCTOR. PATCH FLOOR TO MATCH EXISTING.
2. EQUIPMENT, PIPING, DUCTWORK, ETC. SHALL NOT BE SUPPORTED FROM ANY CEILINGS, OTHER PIPING, CONDUIT OR DUCTWORK, ROOF DECK, OR JOIST BRIDGING. ITEMS SHALL BE SUPPORTED FROM ACCEPTABLE STRUCTURAL BUILDING COMPONENTS AS DETERMINED BY THE ARCHITECT AND STRUCTURAL ENGINEER.
3. ALL ROOF PENETRATIONS, FLASHING AND COUNTER FLASHING SHALL BE PERFORMED BY THE TENANT'S ROOFING CONTRACTOR AT THE REQUESTING GENERAL CONTRACTORS COST.

II. INSULATION

A. GENERAL

1. INSTALLATION SHALL CONFORM TO THE MANUFACTURER'S RECOMMENDATIONS, AND IN ACCORDANCE WITH RECOGNIZED INDUSTRY PRACTICES.
2. CLEAN AND DRY SURFACES PRIOR TO INSULATING.
3. EXTEND INSULATION WITHOUT INTERRUPTION THROUGH WALLS, FLOORS, HANGERS AND SIMILAR PENETRATIONS.
4. INSULATION JACKET AND FITTING COVER MUST BE PLENUM RATED.
5. IT IS ESSENTIAL THAT THE INTEGRITY OF THE VAPOR-BARRIER BE MAINTAINED. SEAL ALL PENETRATIONS OF THE VAPOR BARRIER BY STAPLES, HANGERS OR WHERE OTHERWISE DAMAGED.
6. MAINTAIN ACCESS TO BALANCING DAMPERS AND VALVES.
7. INSULATION SHALL BE BY OWENS-CORNING, KNAUF, OR MANVILLE.

B. PLUMBING

1. ALL ABOVE GROUND PIPING SHALL BE INSULATED WITH FIBERGLASS PIPING INSULATION WITH AN ALL SERVICE JACKET AND SELF SEALING LAP (ASJ/SSL).
   a. DOMESTIC HOT AND COLD WATER PIPING UP TO 3/4 INCH DIAMETER - 1/2 INCH THICK.
2. FITTINGS AND VALVES SHALL BE INSULATED WITH PRE-MOLDED FIBERGLASS FITTINGS AND COVERED WITH A PRE-FORMED PVC FITTING COVER.

III. PLUMBING

A. GENERAL

1. THE ENTIRE PLUMBING INSTALLATION, MATERIALS, EQUIPMENT, ETC. SHALL CONFORM TO THE REQUIREMENTS OF THE LANDLORD, LOCALLY ENFORCED BUILDING CODE, THE PLUMBING CODE, THE AMERICAN DISABILITIES ACT GUIDELINES, ANSI A117.1 REQUIREMENTS FOR THE PHYSICALLY CHALLENGED AND THE UNIFORM FEDERAL ACCESSIBILITY STANDARDS (UFAS). GENERAL CONTRACTOR TO VERIFY ALL PLUMBING ROUGH IN DIMENSIONS MEET THE ABOVE NOTED REQUIREMENTS. VERIFY FINAL ROUGH IN WITH ARCHITECT PRIOR TO BACKFILLING OR WALL INSTALLATION.
2. TEST ALL SEWER AND WATER PIPING IN ACCORDANCE WITH LOCAL CODES AND ORDINANCES.
3. FURNISH ACCESS DOORS FOR WALL CLEAN OUTS AND VALVES IN WALLS.
4. ALL FIXTURES AND EQUIPMENT NOT SPECIFIED HERE-IN ARE BEING PROVIDED BY OTHERS. THIS GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ROUGH-INS ALL SERVICES FOR ALL EQUIPMENT WHETHER PROVIDED BY THIS GENERAL CONTRACTOR OR OTHERS. GENERAL CONTRACTOR SHALL COORDINATE HIS INSTALLATION WITH THE APPROPRIATE EQUIPMENT SUPPLIER FOR PROPER ROUGH IN INFORMATION AND SHALL REVISE THE DESIGN AS REQUIRED TO MATCH THE EQUIPMENT BEING SUPPLIED. THIS GENERAL CONTRACTOR SHALL PROVIDE ALL LABOR AND MATERIALS REQUIRED TO CONNECT ALL FIXTURES TO THE PLUMBING SYSTEMS INCLUDING BUT NOT LIMITED TO; ALL WATER OR NATURAL GAS CONNECTIONS FROM APPROPRIATE STOP OR VALVE, ALL DIRECT SANITARY CONNECTIONS, ALL INDIRECT WASTE CONNECTIONS TO FLOOR DRAINS OR SINKS FROM SINKS OR EQUIPMENT, COOLER AND FREEZER COIL CONDENSATE DRAIN PIPING, ETC.
5. FIRE STOPPING - REFER TO ARCHITECTURAL DRAWINGS FOR WALL TYPE AND UL CONSTRUCTION DESIGN NUMBER. FOR RATED MASONRY WALL AND FLOOR ASSEMBLIES, PROVIDE A UL APPROVED THROUGH-PENETRATION FIRE STOP SYSTEM NUMBER C-AJ-1175. FOR RATED GYPSUM BOARD ASSEMBLIES, PROVIDE A UL APPROVED THROUGH-PENETRATION FIRE STOP SYSTEM NUMBER W-L-1003.

B. PIPING

1. PIPE HANGERS FOR THE PLUMBING SYSTEM SHALL BE ADJUSTABLE CLEVIS HANGERS WITH APPROPRIATE CLAMP. ALL PIPING SHALL BE SUPPORTED ON A MAXIMUM SPACING OF:
   a. 6' CENTERS FOR PIPING 3/4" AND SMALLER.
   b. 8' CENTERS FOR 1" PIPING.
   c. 10' CENTERS FOR PIPING LARGER THAN 1".
   d. PIPING ABOVE THE ROOF SHALL BE SUPPORTED PER THE DETAIL ON THE DRAWINGS.
   e. PIPE HANGERS FOR INSULATED PIPING SYSTEMS SHALL BE SIZED FOR THE GROSS OUTSIDE DIMENSION OF THE PIPE AND INSULATION. SEE INSULATION SPECIFICATIONS FOR INSULATION REQUIREMENTS.

C. SANITARY AND VENT

1. ALL PIPING SHALL PITCH TO ITS APPROPRIATE MAIN AT NO LESS THAN 1/4" PER FOOT SLOPE.
2. UNDERGROUND WASTE AND VENT PIPING SHALL BE SCHEDULE 40 DWV-PVC WITH SOLVENT WELD SOCKET FITTINGS UNLESS OTHERWISE RESTRICTED BY LANDLORD OR LOCAL MUNICIPALITIES. PVC SHALL NOT BE USED IN ANY RETURN AIR PLENUM SPACES.
3. ABOVE GROUND WASTE AND VENT PIPING (3" AND LARGER) SHALL BE HUB AND SPIGOT CAST IRON PIPE WITH LEAD AND OAKUM JOINTS AND BE HUNG PER C.I.S.P.I. REQUIREMENTS.

D. DOMESTIC WATER

1. GENERAL CONTRACTOR SHALL COORDINATE WITH THE BUILDING TENANT AND THE LOCAL WATER COMPANY FOR THE INSTALLATION OF A NEW WATER METER. THIS SHALL INCLUDE THE FEES/COSTS AND INSTALLATION OF A NEW WATER METER AS SHOWN ON THE PLANS AND THE ASSOCIATED REMOTE READER. THE ENTIRE INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE LOCAL WATER COMPANY. LOCATE REMOTE READER AT BUILDING TENANT'S AND WATER COMPANY'S DIRECTION.
2. TEST WATER PIPING TO HYDROSTATIC PRESSURE OF 100 PSIG. FOR TWO HOURS. STERILIZE ALL DOMESTIC WATER PIPING IN ACCORDANCE WITH A.W.W.A. STANDARDS.
3. ABOVE GROUND WATER PIPING, 3" AND SMALLER, SHALL BE TYPE "L" HARD DRAWN COPPER PIPE WITH WROUGHT COPPER FITTINGS AND 95-5 SOLDERED JOINTS. AS AN ALTERNATE THE GENERAL CONTRACTOR MAY UTILIZE COPPER PRESS FITTINGS (PROPRESS SYSTEM) AS MANUFACTURED BY VIEGA. FITTINGS SHALL CONFORM TO THE MATERIAL AND SIZING REQUIREMENTS OF ASME B16.18 OR ASME B16.22. O-RINGS FOR FITTINGS SHALL BE EDPM. INSTALLATION OF FITTINGS SHALL CONFORM TO CODE AND THE MANUFACTURER'S SPECIFICATIONS/REQUIREMENTS. WATER PIPING JOINTS BETWEEN DIFFERENT MATERIALS SHALL BE PER THE LOCALLY ENFORCED PLUMBING CODE SECTION 605.22.
4. DOMESTIC WATER VALVES SHALL BE MILWAUKEE VALVE #BA-100 OR #BA-150 BALL VALVE. ALL VALVES SHALL BE LEAD-FREE.

1-SGH-P001-REV01

2 RESPONSIBILITY SCHEDULE (PLUMBING)

T= TENANT
GC= GENERAL CONTRACTOR
LL= LANDLORD
MW= MILLWORKER
N/A= NOT APPLICABLE

DIVISION 15000 - PLUMBING	SUPPLIED BY: SUPL	RECEIVED BY: RCV	INSTALLED BY: INSTL	EXISTING: EXIG	DISCONNECT & RELOCATE: D & R	RELOCATE: RELO	REMARKS
ACCESS PANELS	GC	GC	GC				COORDINATE WITH ARCHITECT FOR SIZE AND LOCATION.
ROOF WORK	N/A	N/A	N/A				N/A
PLUMBING FIXTURES	GC	GC	GC				PROVIDE NEW. SEE PLUMBING DRAWINGS P200 FOR SCOPE OF WORK.
DRAINS / FAUCETS	GC	GC	GC				GC TO MAKE FINAL CONNECTIONS.
FLOOR DRAINS / PIPING / SUPPORTS	GC	GC	GC				PROVIDE NEW. SEE PLUMBING DRAWINGS P200 FOR SCOPE OF WORK.
WATER AND SEWER CONNECTION	GC	GC	GC	●			SEE PLUMBING DRAWINGS P200 FOR SCOPE OF WORK.
WATER HEATER	GC	GC	GC				PROVIDE NEW. SEE PLUMBING DRAWING P200 FOR SCOPE OF WORK
WATER METER	GC	GC	GC	●			EXISTING TO REMAIN OR PROVIDE NEW.
GAS METER	N/A	N/A	N/A				N/A
GAS PIPING AND SUPPORTS	N/A	N/A	N/A				N/A
WATER COOLER AND/OR DRINKING FOUNTAIN	N/A	N/A	N/A				N/A
CAMERA / VIDEO OF EXISTING SANITARY LINES	GC	GC	GC				FOOTAGE TO BE SENT TO LUXOTTICA P.M. AT START OF JOB AND UPON COMPLETION OF JOB.

2-SGH-P001-REV01

DESIGN & CONSTRUCTION MANAGEMENT:
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+1 212 302 1200

STORE #4728
LEESBURG PREMIUM OUTLETS
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LEESBURG, VA 20176

Construction for:
sunglass hut
A Brand of EssilorLuxottica

Revisions:

Mark	Date	By
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Architect / Engineer Job No.: 13219

EssilorLuxottica CDS Layout No.: **DD-REV7**

EssilorLuxottica Reference Set No.: **SGH06E**

EssilorLuxottica Project Number: 101057

Brand Design Type: **SGH06E**

ISSUED FOR:
☐ 100% PRELIM ☐ CONSTRUCTION
☐ 100% FINAL ☐ BULLETIN
☐ ADDENDUM

Sheet Name: PLUMBING DETAILS

Date: 8/27/2025
Drawn By: MQE
Checked By: MQE
Sheet: P001

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G PLUMBING EQUIPMENT SCHEDULE

GENERAL NOTE: FOLLOW ALL MANUFACTURERS INSTALLATION AND MAINTENANCE INSTRUCTIONS.

ITEM	MARK	DESCRIPTION	MANUF.	MODEL # / COLOR	REMARKS
FLOOR MOUNTED ONE PIECE WATER CLOSET (ADA)	WC-1	FLOOR MOUNTED, ONE PIECE WATER CLOSET, LEFT HAND TRIP, 1.28GPF	AMERICAN STANDARD (800) 217-1929	AMERICAN STANDARD #238AA104.020	CHECK PLANS FOR TRIP HANDLE PRIOR TO ORDERING.
LAVATORY	SK12	WALL HUNG, WHITE VITREOUS CHINA LAVATORY, SINGLE HOLE, CENTER SET, ACRYLIC KNEE SHROUD, ADA COMPLIANT with DELTA MANUAL FAUCET	AMERICAN STANDARD & DELTA	SINK: AMERICAN STANDARD DECORUM 9134001EC, WHITE, SINGLE HOLE, WALL MOUNTED FAUCET: DELTA 559LF-SSPP and 0.5 GPM AERATOR	COORDINATE WITH MANUFACTURER FOR FIXTURE SUPPORT AND PROVIDE. INSTALL THERMOSTATIC MIXING VALVE BELOW FIXTURE, CONNECT TO SUPPLY PIPING AT FIXTURE, SET WATER TEMP. @ 110° F USING TMV-1 (WATTS OR EQUAL).
INSTANTANEOUS WATER HEATER	IWH	FLOW CONTROLLED, ELECTRIC TANKLESS WATER HEATER WITH 0.5 GPM FLOW RESTRICTOR. MOUNTED ON WALL BELOW LAVATORY. TEMPERATURE TO BE SET AT 105 DEGREES.	EEMAX	#SPEX4208, 4.1KW 208V, 1PH, 60HZ, 20A, #12 WIRE	REFER TO PLUMBING PLAN FOR LOCATION
PIPING SUPPORTS		WATER HAMMER ARRESTORS	WATTS/GRAINGER	#26X567	ADJUST PRESSURE SETTING FOR 60 PSI
FLOOR DRAINS	FD	CAST IRON FLOOR DRAIN W/ DOUBLE DRAINAGE FLANGE, TAP FOR TAP PRIMER, WEEP HOLES, 3" OUTLET & 6" NICKEL BRONZE ADJUSTABLE STRAINER.	J.R. SMITH	2100 SERIES	REFER TO PLUMBING PLAN FOR LOCATION
WALL CLEANOUTS	WCO	THREADED CLEANOUT PLUG WITH FERRULE AND ROUND ACCESS COVER. EITHER NICKEL BRONZE OR CHROME FINISH.	J.R. SMITH	4420 SERIES	REFER TO PLUMBING PLAN FOR LOCATION
TRAP PRIMER VALVE	TP	VALVE TO AUTOMATICALLY ADD WATER TO DRAIN LINE TRAP. INSTALL BELOW LAVATORY.	PPP, INC	P2-500	REFER TO PLUMBING PLAN FOR LOCATION
VALVES	TMV-1	THERMOSTATIC MIXING VALVE	SYMMONS	C-225-CK "MAXLINE"	CERTIFIED TO MEET ANSI/ASSE 1070 AND LOW LEAD REQUIREMENTS OF WETTED SURFACE AREA CONTAINING LESS THAN .25% LEAD BY WEIGHT

G-SGH-P200-REV02

Plumbing Comments:

- Any changes and/ or upgrades to Tenant's existing plumbing systems shall comply with all codes and mall criteria.
- All main water lines shall be copper – PVC is not permitted. There shall be no piping joints or fittings installed in water piping below the floor slab. PEX is an alternative, if allowable and compliant with local code.
- All drain, waste and vent piping and fittings above grade must be cast iron pipe. (PVC is acceptable in our new construction as long as it is not installed in a return air plenum.)
- Plumbing is not permitted in any demising partitions. Fur out the wall as necessary.
- Exhaust and plumbing vents shall be located a minimum of 10'-0" away from any outside air intake, and 5'-0" from any demising wall vertical plane. All vents shall be located outside of any snow drift zones as specified on the center's documentation.
- All penetrations to roof must be approved by Landlord. All related roof work MUST be done by mall's designated roofing contractor, at tenant's expense. Coordinate all work with Property Management on site.
- Any unused plumbing equipment, piping, etc., within or serving the premises must be completely removed to point of origin. Do not abandon in place. All penetrations through the roof shall be patched and repaired by the approved roofing contractor approved by Property Management.
- If not already existing, install a shut off valve on domestic water line inside space. Existing shut off valve to the space shall serve as the point of service to the tenant space.
- All new plumbing (domestic water and drain waste vent "DWV" piping) shall be insulated where exposed or in plenum spaces.
- Tenant is required to install a waterproof membrane in all wet areas of the space. Tenant shall use a 30 mil polyethylene cleavage membrane (equal to Nobleseal TS) installed per manufacturers recommendations and ANSI A108. Membrane must be extended up the wall a minimum of 6" or equal to the height of the floor base.
- Tenant's General Contractor shall advise the Property Management Team prior to any slab modifications or removal. Tenant GC shall verify that work shall not conflict with any existing structural, utility, or other under-slab condition. (Nondestructive verification maybe required.) Any damage or downtime caused by Tenant's work shall be repaired and reimbursed at Tenant's expense.
- Vapor barrier and dowels must be reviewed and approved by the property's Operation Director prior to trench concrete back fill. Where the slab is saw-cut and removed for trenching, Landlord requires Tenant's contractor to install appropriate moisture barrier (Stego 15 Mil thick). Confirm work with Center Operations Director before you backfill.

Please Note:
Some tenant suites have furred out columns with access panels to an existing clean out or exposed roof drain. Tenant will be required to always keep this access panel area clear of obstructions. Refer to plumbing drawings for pipe locations. Existing conduits, exposed low voltage wiring, water pipes, drain lines, etc. may be installed either above the existing ceiling, inside the original concrete slab or just below the slab. Landlord's as built drawings may not accurately reflect these installations. It is the Tenant and its contractor's responsibility to verify the locations of any pipe or conduit under the slab by whatever means the contractor deems appropriate prior to cutting the slab. Likewise, identify all wiring, conduits, piping or other items in the above ceiling space prior to removing it. Any repairs or damages resulting from the tenant contractor's work will be that contractor's responsibility to repair to the Landlord's satisfaction.

SIMON PREMIUM OUTLETS

A PLUMBING SYMBOLS (ALL SYMBOLS SHOWN ARE NOT NECESSARILY USED ON THE DRAWINGS)

- ELBOW UP
- ELBOW DOWN
- VALVE IN DROP
- TEE OUTLET UP
- TEE OUTLET DOWN
- UNION
- BALL VALVE
- PIPE BREAK
- CHECK VALVE
- CAP
- WALL CLEANOUT
- FLOOR CLEANOUT
- P-TRAP
- FLOOR DRAIN
- TRAP PRIMER
- WATER METER
- CIRCULATION PUMP
- SANITARY PIPING (SAN)
- VENT PIPING (V)
- COLD WATER PIPING (CW)
- HOT WATER PIPING (HW)
- NATURAL GAS PIPING (G)
- EXISTING SANITARY PIPING
- EXISTING VENT PIPING
- EXISTING COLD WATER PIPING
- EXISTING HOT WATER PIPING
- EXISTING NATURAL GAS PIPING
- CONNECT TO EXISTING
- KEYED NOTE
- EQUIPMENT TAG

A-SGH-P200-REV02

B STANDARD P.D.I. WH 201 WATER HAMMER ARRESTER SCHEDULE

P.D.I. UNITS	AA	A	B	C	D	E	F
FIXTURE UNITS	1-3	4-11	12-32	33-60	61-113	114-154	155-330

B-SGH-P200-REV01

C PLUMBING CALCULATIONS

PLUMBING FIXTURE	QTY.	SAN F.U. EACH	SAN F.U. TOTAL	C.W F.U. EACH	WTR. DMD. TOTAL
WATER CLOSET - WC-1	1	4.0	4.0	5.0	5.0
LAVATORY - SK12	1	1.0	1.0	2.0	2.0
FLOOR DRAIN - FD	1	2.0	2.0	0.0	0.0
TOTALS			7.0		7.0
SERVICE CONNECTION SIZE		SAN:	4"	WATER:	1"

C-SGH-P200-REV01

D GENERAL PLUMBING NOTES

A. FIELD VERIFY EXACT CONDITIONS AND ROUTING OF WORK. CONTACT ENGINEER OR ARCHITECT IMMEDIATELY SHOULD ANY CONFLICT ARISE.
B. EXISTING PLUMBING INFORMATION IS BASED ON LIMITED EXISTING BUILDING DRAWINGS AND FIELD WORK. THE 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.
C. G.C. TO VERIFY EXISTING CONDITIONS AND COORDINATE CONFLICTS PRIOR TO BIDDING.
D. ANYTHING NOT NOTED AS EXISTING IS TO BE FURNISHED AND INSTALLED AS PART OF THIS PROJECT.
E. REFER TO DRAWINGS, GENERAL NOTES OF OTHER DISCIPLINES, AND PROJECT SPECIFICATIONS FOR ADDITIONAL PROJECT INFORMATION AND REQUIREMENTS. NOTIFY ENGINEER OF ANY CONFLICTS BETWEEN THE INFORMATION PRESENTED AND FIELD CONDITIONS.
F. 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.
G. ALL SANITARY PIPING INSTALLED UNDERGROUND IS TO BE PITCHED @ 1/4" SLOPE.
H. ALL OVERHEAD PIPING IS TO BE ROUTED TIGHT TO BUILDING STRUCTURE.
I. BACKFLOW PREVENTER DRAINS TO BE ROUTED TO NEAREST FLOOR DRAIN/MOP SINK.
J. PIPING IS NOT PERMITTED IN DEMISING WALLS.
K. ALL GAS PIPING SHALL BE PAINTED WITH RUST INHIBITIVE PRIMER, COLOR CODED FINISH, AND IDENTIFICATION LABELS.
L. VERIFY NATURAL GAS AVAILABILITY AND CAPACITY. COORDINATE PRESSURE, SERVICE CONNECTION, AND METER INSTALLATION WITH THE LANDLORD AND LOCAL UTILITY COMPANY.
M. PROVIDE GAS PIPE SUPPORTS ON ROOF. PROVIDE 10'-0" ON CENTER AND AT ALL CHANGES OF DIRECTION. REFER TO DETAIL.
N. CLEAN AND REFURBISH EXISTING PLUMBING FIXTURES TO BE RE-USED. FIELD VERIFY EXISTING PLUMBING FIXTURES ARE IN PROPER WORKING ORDER. NOTIFY TENANT IMMEDIATELY SHOULD OPERATIONAL CHECK OF FIXTURES REVEAL ANY MAJOR COMPONENT FAILURES.
O. DO NOT ROUTE ANY WATER CONVEYING PIPING OVER ELECTRICAL EQUIPMENT.
P. ALL EXPOSED OR ACCESSIBLE P-TRAPS MUST BE PROVIDED WITH BOTTOM CLEANOUT PLUGS.
Q. INSULATE EXPOSED P-TRAPS, HOT AND COLD VALVES AND PIPING SERVING HANDICAPPED LAVATORIES.
R. PRIOR TO ANY ISOLATION OF SYSTEMS, SHUTDOWNS OR DEMOLITION THE G.C. SHALL PROVIDE NECESSARY INVESTIGATION AND NOTIFY THE FACILITIES ENGINEERING/MAINTENANCE PERSONNEL OF WORK TO BE PERFORMED SO AS TO AVOID ANY DETRIMENTAL SHUTDOWN OF SYSTEMS TO ADJACENT SPACES.
S. 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.
T. NO PLUMBING OR FIRE PROTECTION PIPING OR EQUIPMENT MAY BE SUPPORTED FROM THE SUSPENDED CEILING SYSTEM, BUT MUST BE INDEPENDENTLY SUPPORTED FROM THE BUILDING STRUCTURE.
U. ALL FLOOR DRAINS/CLEANOUTS ARE TO BE INSTALLED FLUSH WITH THE FINISHED FLOOR.
V. G.C. TO X-RAY EXISTING FLOOR TO DETERMINE LOCATIONS OF THE EXISTING UNDER FLOOR BUILDING COMPONENTS, PRIOR ANY CORE DRILLING OR PLUMBING ROUGH-IN WORK IS STARTED.

D-SGH-P200-REV02

E GENERAL PLUMBING NOTES

A. ALL PLUMBINGS LINES (SANITARY AND SEWER) TO BE VIDEO RECORDED FOR ANY BLOCKAGE PRIOR TO CONSTRUCTION START. G.C. TO SEND VIDEO FOOTAGE TO ESSILOR LUXOTTICA P.M.
B. AT END OF CONSTRUCTION, ALL PLUMBING LINES (SANITARY AND SEWER) TO BE VIDEO RECORDED FOR ANY BLOCKAGE. UPON CONSTRUCTION COMPLETION, G.C. TO SEND VIDEO FOOTAGE TO ESSILOR LUXOTTICA P.M.

E-SGH-P200-REV02

F PLUMBING FIXTURE CONNECTION SCHEDULE

FIXTURE	DRAIN	HOT	COLD	VENT
WATER CLOSET (WC-1)	4"	-	1/2"	2"
LAVATORY (SK12)	1 1/4"	1/2"	1/2"	1-1/4"
FLOOR DRAIN (FD)	2"	-	-	1-1/2"
WALL CLEAN OUT (WCO)	PIPE SIZE	-	-	-

F-SGH-P200-REV02

H KEY NOTES - DEMOLITION (#)

1. REMOVE EXISTING WATER CLOSET. MAINTAIN EXISTING ASSOCIATED PIPING BACK FOR REUSE.
2. REMOVE EXISTING LAVATORY AND ASSOCIATED PIPING BACK TO MAINS AND CAP.
3. DISCONNECT AND REMOVE EXISTING INSTANT WATER HEATER AND ASSOCIATED PIPING BACK TO MAINS AND CAP.
4. FIELD VERIFY EXISTING VENT AND WATER LINE LOCATIONS FOR THE WATER CLOSET. PROVIDE FIELD FINDINGS WITH DOCUMENTATION TO THE ARCHITECT

H-SGH-P200-REV

J KEY NOTES - SUPPLY (#)

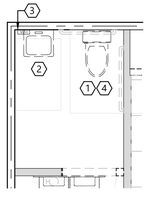
1. PROVIDE TRAP PRIMER VALVE. ROUTE 1/2" FROM VALVE TO FLOOR. SEE ASSOCIATED DETAIL ON DRAWING P001.
2. CONNECT NEW 1/2" COLD WATER PIPING TO EXISTING COLD WATER PIPING NEAR THIS AREA. CONTRACTOR TO FIELD VERIFY EXACT POINT OF CONNECTION AND SIZE.
3. INSTALL NEW INSTANTANEOUS WATER HEATER BELOW LAVATORY. SEE ASSOCIATED DETAIL ON DRAWING P001.
4. PROVIDE ASSE 1070 COMPLIANT THERMOSTATIC MIXING VALVE AT LAVATORY. SET MAX OUTLET TEMP TO 110°F .
5. EXTEND AND CONNECT EXISTING DOMESTIC COLD WATER PIPING IN THE AREA TO NEW WATER CLOSET. VERIFY EXACT LOCATION IN THE FIELD.
6. PROVIDE NEW COLD SHUTOFF VALVES AT FIXTURE.
7. ROUTE ALL PIPING CONCEALED. INSTALL TO COMPLY WITH LOCAL JURISDICTION.

J-SGH-P200-REV01

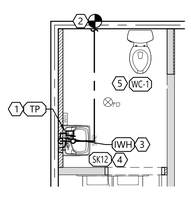
K KEY NOTES - SANITARY & VENT (#)

1. CONNECT NEW 1-1/2" VENT PIPING TO EXISTING VENT PIPING NEAR THIS AREA. CONTRACTOR TO FIELD VERIFY EXACT LOCATION.
2. CONNECT NEW 3" SANITARY PIPING TO EXISTING SANITARY PIPING NEAR THIS AREA. CONTRACTOR TO FIELD VERIFY EXACT LOCATION.
3. CONNECT NEW WATER CLOSET TO EXISTING SANITARY AND VENT IN THIS AREA. CONTRACTOR TO FIELD VERIFY EXACT LOCATION AND SIZE.
4. PROVIDE WALL CLEANOUT 12" MIN AFF CENTERED ON FIXTURE DRAIN PIPING.
5. ROUTE ALL PIPING CONCEALED. INSTALL TO COMPLY WITH LOCAL JURISDICTION.

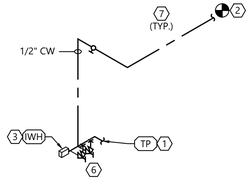
K-SGH-P200-REV01



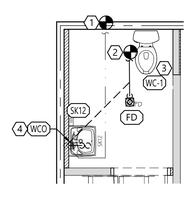
1 MECHANICAL - PLUMBING DEMOLITION
SCALE: 1/4" = 1'-0"



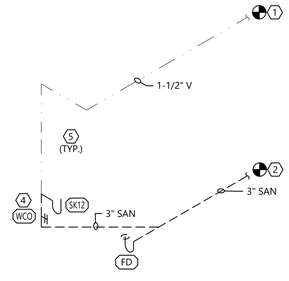
2 MECHANICAL - PLUMBING SUPPLY
SCALE: 1/4" = 1'-0"



A PLUMBING - SUPPLY
SCALE: 1/4" = 1'-0"



3 MECHANICAL - PLUMBING SANITARY & VENT
SCALE: 1/4" = 1'-0"



B PLUMBING - SANITARY & VENT
SCALE: 1/4" = 1'-0"

DESIGN & CONSTRUCTION MANAGEMENT:

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STORE #4728
LEESBURG PREMIUM OUTLETS
241 FORT EVANS RD, NE #605
LEESBURG, VA 20176

Construction for:
sunglass hut
A Brand of EssilorLuxottica

Revisions:

Mark	Date	By
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Architect / Engineer Job No.: 13219
EssilorLuxottica CDS Layout No.: **DD-REV7**
EssilorLuxottica Reference Set No.: **SGH06E**
EssilorLuxottica Project Number: 101057
Brand Design Type: **SGH06E**

ISSUED FOR:
☐ 100% PRELIM ☐ CONSTRUCTION
☐ 100% FINAL ☐ BULLETIN
☐ ADDENDUM

Sheet Name: PLUMBING PLAN

Date: 8/27/2025
Drawn By: MQE
Checked By: MQE
Sheet: P200

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B KEY NOTES - FIRE PROTECTION PLAN (#)

1. DISCONNECT AND REMOVE EXISTING SEMI RECESSED SPRINKLER HEAD IN THIS AREA. RE-WORK PIPING AS REQUIRED FOR NEW LAYOUT.
2. EXISTING SEMI RECESSED SPRINKLER HEAD AND PIPING TO REMAIN IN THIS AREA.

B-SGH-FP100-REV01

A FIRE PROTECTION LEGEND

SYMBOL	DESCRIPTION
⊙	CONCEALED QUICK RESPONSE HEAD
◎	SEMI RECESSED CHROME QUICK RESPONSE HEAD
⊕	UPRIGHT SPRINKLER HEAD
F	NEW FIRE PROTECTION PIPING
EX F	EXISTING FIRE PROTECTION PIPING
DOWN UP	PIPE RISERS
EX F F	POINT OF CONNECTION (POC)
	CAPPED PIPING

A-SGH-FP100-REV01

D FIRE PROTECTION DEFERRED SUBMITTAL REQUIREMENTS

A. THE FIRE PROTECTION PLANS IN THIS SET OF DRAWINGS IS FOR DESIGN INTENT.
B. THE GENERAL CONTRACTOR SHALL ENGAGE THE FIRE SPRINKLER CONTRACTOR (WHERE REQUIRED, THE LANDLORD REQUIRED CONTRACTOR) TO COMPLETE AN 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.
C. FIRE SPRINKLER SHOP DRAWINGS MUST BE SUBMITTED TO ESSILOR LUXOTTICA FOR APPROVAL. THE ARCHITECT AND ESSILOR LUXOTTICA PROJECT MANAGER MUST APPROVE THE SHOP DRAWINGS BEFORE ANY INSTALLATION CAN OCCUR. THE DESIGN INTENT OF THE CEILING IS FOR ALL CEILING ELEMENTS TO BE IN ALIGNMENT WITH EACH OTHER, INCLUDING FIRE ALARM DEVICES AND SPRINKLER HEADS. IF FIRE ALARM AND SPRINKLER HEADS ARE INSTALLED WITHOUT THE PROJECT MANAGER OR ARCHITECTS APPROVAL, THE GENERAL CONTRACTOR IS SUBJECT TO RELOCATING THESE ITEMS, TO ACHIEVE THE DESIRED ALIGNMENT, AT THE GENERAL CONTRACTORS COST.

D-SGH-FP100-REV01

C RESPONSIBILITY SCHEDULE (FIRE PROTECTION)

T= TENANT
GC= GENERAL CONTRACTOR
LL= LANDLORD
MW= MILLWORKER
N/A= NOT APPLICABLE

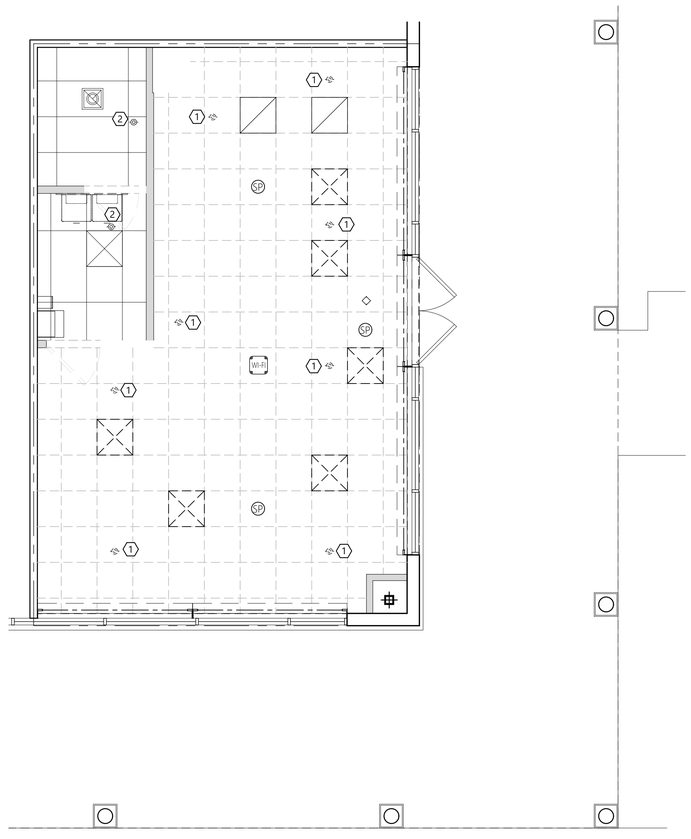
DIVISION 15000 - FIRE PROTECTION	SUPPLIED BY	PURCHASED BY	INSTALLED BY	EXISTING	P & R	RELOCATE	REMARKS
ACCESS PANELS	GC	GC	GC				COORDINATE WITH TRADES FOR SIZE AND LOCATION.
SPRINKLER SYSTEM MODIFICATIONS	GC	GC	GC				BY L.L. DESIGNATED CONTRACTOR AT G.C. EXPENSE. GC RESP. FOR MODIFICATIONS, DRAWINGS, AND APPROVALS.
FIRE SPRINKLER MAIN	GC	GC	GC	●			
SPRINKLER SYSTEM SHOP DRAWINGS AND SUBMITTALS	GC	GC	GC				FIRE PROTECTION CONTRACTOR TO PROVIDE DOCUMENTS FOR AND IS RESPONSIBLE FOR BUILDING DEPARTMENT SUBMITTALS, INCLUDING ASSOCIATED FEES.

C-SGH-FP100-REV01

Demolition Comments:

- Any existing equipment or component in or pertaining to the premises that is being abandoned must be demolished completely and properly removed from premises.
- All above ground utility lines not to be re-used must be removed to point of origin. All under slab utility lines to be cut, capped and sealed per code.
- All roof mounted equipment above the leased premises not to be re-used must be removed by tenant GC at tenant expense. Roof must be properly patched by Mall required Roofer. Roof curbs must be removed and roof patched – do not cap. Coordinate all work with Mall Operations Director.
- Slab Requirements: Tenant's General Contractor shall advise the Operation Team prior to any slab modifications or removal. Tenant GC shall verify that Work shall not conflict with any existing structural, utility, or other under-slab condition. (Nondestructive verification maybe required.) Any damage or downtime caused by Tenant's work shall be repaired and reimbursed at Tenant's expense.
- Tenant's construction work is to be performed inside the demised space, and contractor entry into the demised space during construction is to be only through the rear door unless alternate means are approved by property management.
- Identify all wiring, conduits, piping or other items in the above ceiling space prior to removing it. Any damage or interruption of service to fire alarm or other building monitoring systems shall be repaired and charged to the tenant GC.

SIMON PREMIUM OUTLETS



1 FIRE SPRINKLER - DEOMLITION FLOOR PLAN
SCALE: 1/4" = 1'-0"

THIS SHEET IS FOR REFERENCE ONLY. FULL SUBMITTAL OF FIRE PROTECTION IS TO BE DEFERRED.

DESIGN & CONSTRUCTION MANAGEMENT:
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STORE #4728
LEESBURG PREMIUM OUTLETS
241 FORT EVANS RD, NE #605
LEESBURG, VA 20176

Construction for:
sunglass hut
A Brand of EssilorLuxottica

Revisions:

Mark	Date	By
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Architect / Engineer of Record
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Seal

PRELIMINARY
NOT FOR CONSTRUCTION
This document is partially complete. The information contained is not necessarily coordinated or correct. This drawing is for review purposes only.

Architect / Engineer Job No.: 13219
EssilorLuxottica CDS Layout No.:
DD-REV7
EssilorLuxottica Reference Set No.:
SGH06E
EssilorLuxottica Project Number 101057
Brand Design Type:
SGH06E

ISSUED FOR:
☐ 100% PRELIM ☐ CONSTRUCTION
☐ 100% FINAL ☐ BULLETIN
☐ ADDENDUM

Sheet Name:
FIRE PROTECTION DEMOLITION PLAN
(FOR REFERENCE ONLY)

Date 8/27/2025
Drawn By MQE
Checked By MQE
Sheet FP100

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A FIRE PROTECTION LEGEND

SYMBOL	DESCRIPTION
⊙	CONCEALED QUICK RESPONSE HEAD SUPPLY FACTORY FINISHED CUSTOM COLOR FACE PLATES FOR THE CONCEALED HEADS. PLACE ORDER FOR FACE PLATES UPON AWARD, ITEM IS A LONG LEAD TIME. COLOR TO MATCH ADJACENT CEILING COLOR (SEE NOTE ON THIS SHEET).
⊗	SEMI RECESSED CHROME QUICK RESPONSE HEAD
ⓘ	UPRIGHT SPRINKLER HEAD
F	NEW FIRE PROTECTION PIPING
EX F	EXISTING FIRE PROTECTION PIPING
DOWN UP	PIPE RISERS
EX F F	POINT OF CONNECTION (POC)
C	CAPPED PIPING

A-SGH-FP200-REV01

C GENERAL FIRE PROTECTION NOTES

A. PROVIDE FIRE STOPPING FOR ALL PENETRATIONS OF FIRE WALLS. PROVIDE THROUGH WALL FIRE STOPPING FOR ALL LOCATIONS WHERE JUNCTION BOXES IN A DEMISING WALL, OR OTHER FIRE WALL.

C-SGH-FP200-REV01

D SPRINKLER COVER PLATE CUSTOM FINISH

THIS IS A GC SUPPLIED AND INSTALLED ITEM

TO ORDER, CONTACT QUICK RESPONSE FIRE SUPPLY (888) 361-6662. THERE WILL BE A PAINT SETUP FEE "PER ORDER".
INFORMATION TO HAVE READY:

- SPRINKLER IDENTIFICATION NUMBER OR SIN #(TYPICALLY ON SPRINKLER HEAD BEGINNING WITH 1-2 LETTERS FOLLOWED BY 3-4 #S.)
- QUANTITY
- BENJAMIN MOORE PAINT #, PAINT NAME, & PAINT SHEEN.

THIS IS A 6-8 WEEK LEAD TIME AND MUST BE ORDERED UPON AWARD OF THE PROJECT.

D-SGH-FP200-REV01

B FIRE PROTECTION 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. 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 OWNERS 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.

THE ENTIRE INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF NFPA 13, THE BUILDING TENANT'S INSURANCE COMPANY, THE LOCALLY ENFORCED BUILDING CODE, LOCAL BUILDING AND FIRE OFFICIALS AND ALL OTHER LOCAL AUTHORITIES HAVING JURISDICTION.

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.

ALL SPRINKLER PLANS SHALL BEAR THE STAMP OF A REGISTERED PROFESSIONAL FIRE PROTECTION ENGINEER LICENSED WITH THE STATE WHERE THE STORE IS LOCATED.

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 INSPECTORS 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.

GC TO HIRE LANDLORD PREFERRED CONTRACTOR FOR ALL SPRINKLER WORK. 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 ANY INSTALLATION CAN BEGIN. APPROVED DRAWINGS MUST BE AT THE JOBSITE DURING CONSTRUCTION.

SUBMIT DATA ON THE FOLLOWING ITEMS:
PIPING AND COUPLINGS.
WET ALARM VALVE.
BACKFLOW PREVENTER.
VALVES AND SUPERVISORY DEVICES.
SPRINKLER HEADS AND ESCUTCHEON PLATES.
SUPPORTS, HANGERS AND ACCESSORIES.
SEISMIC CALCULATIONS.

PLANS SUBMITTED WITHOUT ALL HYDRAULIC CALCULATIONS WILL BE RETURNED "REJECTED". PROVIDE INDEPENDENT HYDRAULIC CALCULATION SHEETS.

AT THE COMPLETION OF THE PROJECT, PROVIDE TENANT WITH OPERATION AND MAINTENANCE MANUALS INCLUDING "AS-BUILT" RECORD DRAWINGS, SPECIFICATIONS AND APPROVED PLANS.

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.

B-SGH-FP200-REVO2

E FIRE PROTECTION DEFERRED SUBMITTAL REQUIREMENTS

A. THE FIRE PROTECTION PLANS IN THIS SET OF DRAWINGS IS FOR DESIGN INTENT.
B. THE GENERAL CONTRACTOR SHALL ENGAGE THE FIRE SPRINKLER CONTRACTOR (WHERE REQUIRED, THE LANDLORD REQUIRED CONTRACTOR) TO COMPLETE AN 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.
C. FIRE SPRINKLER SHOP DRAWINGS MUST BE SUBMITTED TO ESSILOR LUXOTTICA FOR APPROVAL THE ARCHITECT AND ESSILOR LUXOTTICA PROJECT MANAGER MUST APPROVE THE SHOP DRAWINGS BEFORE ANY INSTALLATION CAN OCCUR. THE DESIGN INTENT OF THE CEILING IS FOR ALL CEILING ELEMENTS TO BE IN ALIGNMENT WITH EACH OTHER, INCLUDING FIRE ALARM DEVICES AND SPRINKLER HEADS. IF FIRE ALARM AND SPRINKLER HEADS ARE INSTALLED WITHOUT THE PROJECT MANAGER OR ARCHITECTS APPROVAL, THE GENERAL CONTRACTOR IS SUBJECT TO RELOCATING THESE ITEMS, TO ACHIEVE THE DESIRED ALIGNMENT, AT THE GENERAL CONTRACTORS COST.

E-SGH-FP200-REV01

F KEY NOTES - FIRE PROTECTION PLAN (#)

1. EXISTING SEMI RECESSED SPRINKLER HEAD AND PIPING TO REMAIN IN THIS AREA.
2. PROVIDE NEW CONCEALED QUICK RESPONSE 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. ALL WORK IS TO BE COMPLETED BY THE LANDLORD'S SPRINKLER CONTRACTOR AT THE GC'S EXPENSE. SPRINKLER CONTRACTOR TO INCLUDE ALL WORK, INCLUDING BUT NOT LIMITED TO, LANDLORD COORDINATION, SUBMITTALS AND CALCULATIONS, DRAIN DOWNS, ETC., AS REQUIRED TO COMPLETE THE SPRINKLER SYSTEM REVISIONS TO SUPPORT THE NEW SUNGLASS HUT.

F-SGH-FP200-REV01

Fire Protection / Sprinkler Comments:

• Simon Premium Outlets requires all tenants to use one of Landlord's pre-qualified sprinkler contractor(s) for tenant's sprinkler work, listed on simon.com. Tenant may competitively bid to only those sprinkler contractors pre-qualified by Landlord.

The sprinkler contractor shall be responsible for providing all drawings, documentation and flow calculations to the local Authority Having Jurisdiction in order to obtain all proper permits.

• Sprinkler work may need to be reviewed/ approved by Simon's insurer, Global Risk Consultants. Please review all Rules and Regulations on simon.com for pertinent information.

• Sprinkler System shall be fully charged and operational whenever contractor is not on site.

•Tenant General Contractor must meet with the Property Management office to find out the process and fees associated with sprinkler drain downs during construction.

• If local Fire Department and/or AHJ determines additional sprinkler heads and fire alarm devices will be required based on tenant improvements, it is the Tenant's responsibility to hire the Landlord required Fire Alarm & Fire Sprinkler contractor for this work. Tenant is responsible for any code required changes or upgrades to existing conditions. Existing building monitoring system pull stations and horn/strobes must be kept clear of all obstructions. Tenant or its General Contractor must verify existing locations, and make any applicable changes per the local jurisdiction.

• All additions, extensions or modifications shall be approved by Landlord prior to installation. All fire alarm related work shall comply with all applicable codes and shall be installed by licensed, certified contractors only. All connections to the Landlord's base building fire alarm system shall be coordinated with the Property Management team.

• All background music/paging systems shall be connected to the building fire alarm system to allow for shutdown of the system in an emergency situation. Connect to the existing building shutdown relay if already provided.

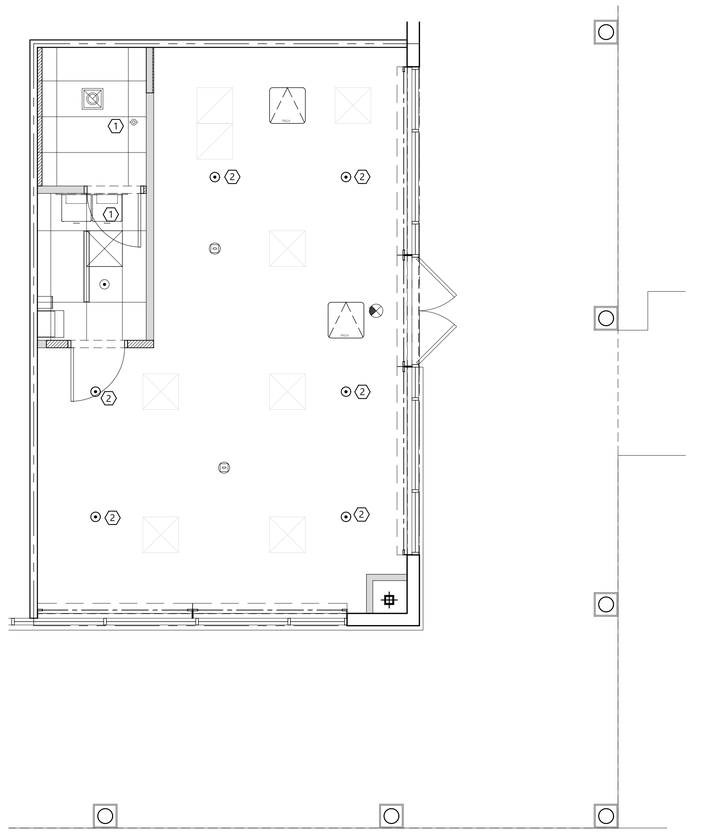
• Fire alarm contractor shall be responsible for updating all programming of addressable devices, systems, etc. of the newly installed fire alarm devices to satisfy the requirements of the local AHJ.

• Fire alarm contractor shall be responsible for providing all drawings, documentation, battery calculations, etc. to the local AHJ to obtain all necessary permits.

• All Landlord equipment, component, and / or services feeding other tenant(s) that are existing in the space shall remain visible and accessible to the Landlord. Tenant shall install access panels as required to maintain access and shall be labeled to properly identify systems. Tenant shall coordinate location with Operations Director.

• All penetrations to roof must be approved by Landlord. All related roof work MUST be done by property's designated roofing contractor, at Tenant's expense. Coordinate all work with Property Management on site.

SIMON PREMIUM OUTLETS



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

N

THIS SHEET IS FOR REFERENCE ONLY. FULL SUBMITTAL OF FIRE PROTECTION IS TO BE DEFERRED.

DESIGN & CONSTRUCTION MANAGEMENT:

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Construction for:
sunglass hut
A Brand of EssilorLuxottica

Revisions:

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Architect / Engineer of Record
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Seal

PRELIMINARY
NOT FOR CONSTRUCTION
This document is partially complete. The information contained is not necessarily coordinated or correct. This drawing is for review purposes only.

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EssilorLuxottica Reference Set No.: **SGH06E**
EssilorLuxottica Project Number 101057
Brand Design Type: **SGH06E**

ISSUED FOR:
☐ 100% PRELIM ☐ CONSTRUCTION
☐ 100% FINAL ☐ BULLETIN
☐ ADDENDUM

Sheet Name: FIRE PROTECTION PLAN (FOR REFERENCE ONLY)

Date: 8/27/2025
Drawn By: MQE
Checked By: MQE
Sheet: FP200

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