

GENERAL NOTES

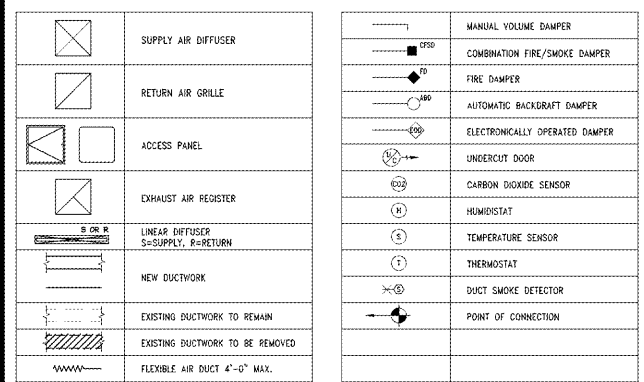
- 1. ALL NOTES INCLUDED HEREIN ARE MADE PART OF EACH AND ALL MECHANICAL, ELECTRICAL AND PLUMBING SECTIONS OF WORK.
2. REFER TO LANDLORD'S SPECIFICATIONS AND TENANT DESIGN CRITERIA FOR NECESSARY INFORMATION AND COORDINATION WITH OTHER TRADES.
3. THE ABBREVIATION LS&C WHEREVER IT APPEARS IN THE DRAWINGS, SHALL REFER TO "LBRANDS DESIGN AND CONSTRUCTION". ANY REFERENCE TO TENANT, BRAND SPECIFIC (VICTORIA'S SECRET, ETC.) OR FURNISHED BY ANY OF THE ABOVE REFERS TO LS&C.
4. ANY DISCREPANCY BETWEEN LS&C DRAWINGS AND TENANT CRITERIA, LS&C DRAWINGS SHALL TAKE PRECEDENCE.
5. THE DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC TO THE EXTENT THAT ALL INSTALLED ITEMS AND LOCATIONS ARE NOT EXACTLY PLACED AND ARE NOT TO BE SCALED.
6. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELATED PERMITS AND INSPECTION FEES.
7. BEFORE COMMENCING ANY WORK, CONTRACTORS SHALL REVIEW THE LATEST NATIONAL, STATE AND LOCAL CODE REQUIREMENTS INCLUDING LANDLORD CRITERIA AND PERFORM THE WORK IN STRICT ACCORDANCE WITH THESE. IN CASE OF CONFLICT THE STRICTER REQUIREMENTS WILL PREVAIL.
8. NO ADDITIONAL COMPENSATION SHALL BE MADE FOR ANY CHANGE ORDERS DUE TO CONTRACTOR'S FAILURE TO VISIT THE JOBSITE AND/OR PREDETERMINE ALL EXISTING CONDITIONS BEFORE SUBMITTING HIS BID.
9. A. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF ALL EXISTING CONDITIONS PRIOR TO SUBMITTING A BID. FOR THE PURPOSE OF SURVEYING EXISTING CONDITIONS, WHICH MAY AFFECT THE WORK TO BE DONE UNDER THIS SECTION, ANY DISCREPANCIES SHALL BE IMMEDIATELY REPORTED TO THE GENERAL CONTRACTOR, LS&C OR THE LANDLORD'S FIELD REPRESENTATIVE FOR CLARIFICATION.
B. AFTER BID, ANY QUESTIONS RELATING TO SPECIFIC M, E, OR P ISSUES ARE TO BE DIRECTED AS RFI'S THROUGH THE LS&C PROJECT MANAGER.
10. SHOULD THE SPACE HAVE BEEN INACCESSIBLE FOR INSPECTION CONTRACTOR MUST INDICATE SO ON HIS BID.
11. THE GENERAL CONTRACTOR'S FIRE SPRINKLER SUBCONTRACTOR SHALL DESIGN AND INSTALL FIRE SPRINKLER SYSTEM CONFORMING TO LANDLORD'S CRITERIA, TENANT'S REQUIREMENTS AND PER LOCAL CODES AND NFPA STANDARDS.
12. THE CONTRACTOR, WITHIN FIFTEEN (15) DAYS OF THE AWARD OF THE CONTRACT, SHALL SUBMIT TO THE OWNER, SIX (6) COPIES OF A COMPLETE LIST OF MATERIALS AND EQUIPMENT PROPOSED FOR THE JOB INCLUDING ALL DATA, PART NUMBERS, RATING CAPACITY, SIZE, DIMENSIONS, ELECTRICAL DATA, GRADE, MANUFACTURER, AND ANY OTHER DESCRIPTIVE DATA FOR ALL EQUIPMENT OR SYSTEMS THAT DEVIATE FROM SPECIFIED ITEMS. ANY DELAYS OR COSTS DUE TO THESE DEVIATIONS, WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
13. CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISPOSAL OF ALL UNUSED OR ABANDONED MATERIALS AND EQUIPMENT, AND ITS REMOVAL OFF THE LANDLORD'S PREMISES.
14. OWNER RESERVES THE RIGHT TO HAVE CONSTRUCTION REVIEWED BY AN OUTSIDE CONSULTANT PRIOR TO ACCEPTANCE OF THE PROJECT.
15. EACH CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP RELATED TO HIS WORK FOR A MINIMUM PERIOD OF ONE YEAR FROM THE DATE WHICH THE OWNER ACCEPTS THE PROJECT. THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER OR TENANT SHALL CORRECT ANY DEFECTS IN MATERIALS OR WORKMANSHIP DURING THIS GUARANTEE PERIOD.
16. EACH CONTRACTOR SHALL BE RESPONSIBLE AND ENSURE A CLEAN INSTALLATION ESPECIALLY IN EXPOSED CEILING AREAS. THE FINAL APPROVAL OF THIS WORK WILL BE ISSUED BY LS&C PROJECT MANAGER.
17. PROVIDE ONE SETS OF "AS-BUILT" DRAWINGS INTO PLAN TUBE AND ONE ROUND SETS OF ALL OPERATIONS MANUALS, DIAGRAMS, SERVICE CONTRACTS AND GUARANTEES IN BINDER TO STORE MANAGER. A REPORT PREPARED IN ACCORDANCE WITH MECHANICAL SPECIFICATIONS BY AN INDEPENDENT AIR BALANCE CONTRACTOR, HIRED BY GC, MUST BE INCLUDED IN THE CLOSE-OUT PACKAGE.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISPOSAL OF ALL UNUSED OR ABANDONED MATERIALS AND EQUIPMENT, AND ITS REMOVAL OFF THE LANDLORD'S PREMISES.

HVAC GENERAL NOTES

- 1. THESE PLANS MAY BE USED FOR CONSTRUCTION ONLY AFTER APPROVAL IS OBTAINED FROM THE BUILDING DEPARTMENT MECHANICAL PLAN CHECK DIVISION AND THAT DIVISION'S STAMPED APPROVAL AND AUTHORIZED SIGNATURE APPEAR ON THE PLANS.
2. COORDINATE ALL WORK WITH ALL TRADES INCLUDED BUT NOT LIMITED TO ELECTRICAL, PLUMBING, FIRE PROTECTION AND STRUCTURAL CONTRACTORS. INSTALL ALL WORK TO CLEAR NEW AND EXISTING ARCHITECTURAL AND STRUCTURAL MEMBERS. NO ITEM SUCH AS PIPE, DUCT, ETC. IS TO COME IN CONTACT WITH ANY EQUIPMENT.
3. REFER TO ARCHITECTURAL DRAWINGS FOR DEMOLITION WORK.
4. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT FEATURE LOCATION.
5. CONTRACTOR SHALL PROVIDE CUT SHEETS TO LS&C FOR ALL EQUIPMENT AND DEVICES FURNISHED BY THE CONTRACTOR THAT DEVIATE FROM SPECIFIED ITEM FOR REVIEW AND APPROVAL PRIOR TO THE PURCHASE OF ANY SUCH EQUIPMENT OR DEVICES.
6. HVAC CONTRACTOR IS RESPONSIBLE TO INQUIRE WITH THE LANDLORD'S REPRESENTATIVE ON ANY SMOKE EVACUATION SYSTEM IN USE AT THE MALL AT THE TIME OF THE BID. IF THE SAID SYSTEM IS NOT ADEQUATELY DESCRIBED ON THE DRAWINGS, THE MECHANICAL CONTRACTOR IS RESPONSIBLE TO INQUIRE FROM THE GENERAL CONTRACTOR AND INCLUDE THE COST AS A SEPARATE LINE ITEM IN THE BID. NO ADDITIONAL WORK SHALL BE AWARDED FOR THE REQUIREMENTS TO A LANDLORD'S SMOKE EVACUATION SYSTEM THAT IS IN EXISTENCE AT THE TIME OF THE BID, WITHOUT HAVING IDENTIFIED A SEPARATE LINE ITEM FOR THE SMOKE EVACUATION SYSTEM AT THE TIME OF THE BID.
7. ACCESS TO ALL COMPONENTS AND EQUIPMENT MUST BE PROVIDED TO MEET CODE AND SERVICE/MAINTENANCE EASE.
8. PRIOR TO STARTUP OF HVAC EQUIPMENT, MECHANICAL CONTRACTOR WILL CONFIRM WITH ONE OF THE LISTED HVAC MANUFACTURER REPRESENTATIVES FROM WHICH EQUIPMENT HAS BEEN PROVIDED TO LS&C PROVIDED HVAC UNITS AND HAS BEEN TURNED ON FOR A MINIMUM OF 24 HOURS. LS&C RESERVES THE RIGHT TO CHECK CONSTRUCTION COMPLIANCE WITH PLANS AND SPECIFICATIONS. SHOULD THE OWNER FIND CORRECTIVE WORK TO BE NECESSARY, HE WILL NOTIFY CONTRACTOR OF SUCH WORK IN WRITING AND EXPECT COMPLIANCE PERFORMED WITH DUE DILIGENCE. IF ANY CORRECTIVE WORK IS BELIEVED TO BE NECESSARY, THE COST OF REPAIRS WILL BE BORNE BY THE CONTRACTOR. THE MECHANICAL CONTRACTOR WILL THEN ENSURE THAT THE EQUIPMENT IS POWERED FOR A MINIMUM OF 24 HRS BEFORE START-UP.
9. IF WORK IS REQUIRED BY LS&C IN ORDER TO IMPROVE, CHANGE OR CORRECT AIR CONDITIONING OPERATIONAL CONDITIONS DUE TO: PART MALFUNCTION, WARRANTY INABILITY TO PROVIDE THE COMPANY CONDITIONS REQUIRED BY THE STORE, CONTRACTOR SHALL BE DIRECTED BY LS&C TO ADDRESS THIS WORK IN A TIMELY MANNER. IF IT BECOMES EVIDENT THAT THE CONTRACTOR CANNOT ACCOMPLISH THE TASK, THEN AFTER 72 HOURS OF WRITTEN NOTICE THE OWNER MAY, AT HIS DISCRETION, TAKE OVER SUCH WORK AND BACK CHARGE THE CONTRACTOR FOR ANY CORRECTIVE WORK THAT WAS REQUIRED DUE TO LACK OF PERFORMANCE, WORKMANSHIP AND/OR ADHERENCE TO PLANS AND SPECIFICATIONS.
10. UPON COMPLETION OF THE WORK, CONTRACTOR SHALL VERIFY THE PROPER WORKING ORDER OF THE SYSTEM(S) AND MAKE ANY ADJUSTMENTS AS REQUIRED.
11. PROVIDE FILTER CHANGES THROUGHOUT CONSTRUCTION AS REQUIRED FOR ALL HVAC EQUIPMENT. PROVIDE FILTER CHANGES AT LEAST TWICE MONTHLY ONCE STARTED, PRIOR TO TEST AND BALANCE, AND LASTLY, PRIOR TO MERCHANDISING. ANY EQUIPMENT THAT BECOMES SOILED DUE TO A LACK OF FILTER CHANGES, AS DETERMINED SOLELY BY THE LS&C PROJECT MANAGER, SHALL BE CORRECTED ON BEHALF OF THE CONTRACTOR AND CHARGES BELIEVED TO THE CONTRACTOR.
12. NOTES TO EQUIPMENT SCHEDULES USE THE WORDS "FURNISH" AND "PROVIDE". WHERE THE WORD "FURNISH" IS USED, SOME FIELD INSTALLATION IS REQUIRED BY THE CONTRACTOR, WHERE THE WORD "PROVIDE" IS USED, NO FIELD INSTALLATION IS REQUIRED AS THE DEVICES OR ACCESSORIES ARE TURNED AND INSTALLED BY THE MANUFACTURER AS PART OF THE EQUIPMENT WHEN SHIPPED.
13. UNLESS OTHERWISE SPECIFIED, CONTRACTOR SHALL PROVIDE ALL EQUIPMENT, MATERIAL, LABOR AND SUPERVISION NECESSARY TO COMPLETE THE HEATING, VENTILATING AND AIR CONDITIONING WORK IN ACCORDANCE WITH THE SPECIFICATIONS AND STANDARDS AS OUTLINED HEREIN. SEE RESPONSIBILITY SCHEDULE ON SHEET M04.01.
14. MECHANICAL CONTRACTOR SHALL FIELD MEASURE EXISTING ROOF CURB(S) FOR CURB ADAPTER(S), WHERE APPLICABLE, AND SHALL SUPPLY DIMENSIONS TO LS&C HVAC SUPPLIER PRIOR TO START OF CONSTRUCTION.
15. ALL HEATING VENTILATING AND AIR CONDITIONING EQUIPMENT SHALL BE CLEARLY IDENTIFIED WITH TENANT'S NAME, SPACE NUMBER AND UNIT DESIGNATION AND SHALL BE STENCILED IN 4" HIGH BLACK LETTERS.
16. FURNISH AND INSTALL ALL NEW DUCTWORK INCLUDING INSTALLATION OF OWNER SUPPLIED ITEMS.
A. ALL MATERIAL SHALL BE NEW AND OF COMMERCIAL GRADE AND BEAR UNDERWRITER'S LABORATORY AND UNION LABELS WHERE SUCH LABELING APPLIES.
B. ALL PLUMBING SHALL BE FABRICATED FROM GALVANIZED SHEET METAL OF THE APPROPRIATE GAUGE AND BE INSULATED WITH A MINIMUM OF 1" THICK, 0.75 LB./CU.FT., DENSITY FIBERGLASS INSULATION WITH ALUMINUM FOLK BACKED VAPOR BARRIER.
C. WHERE DESIGNATED, BRANCHES FROM MAIN LOW VELOCITY TRUNK DUCTWORK SHALL BE FURNISHED WITH SPLITTERS, DAMPERS OR SIMILAR BALANCING DEVICES IN ACCORDANCE WITH THE STANDARDS OF SMOKON.
D. ALL DUCTS FOR FINAL CONNECTION TO DIFFUSERS SHALL BE CLASS 1, UL LISTED (SL 181) FLEXIBLE AIR DUCT NOT EXCEED 4'-0" IN LENGTH (THEMATEX, GLASSFLEX, OR APPROVED EQUAL).
E. RECTANGULAR SUPPLY AND RETURN AIR DUCTS - PLENUM OR DUCTED RETURN AIR SYSTEM - DUCT WORK SHALL BE INSTALLED IN ACCORDANCE WITH CLEAR DIMENSIONS, ALL RECTANGULAR DUCTWORK (SUPPLY AND RETURN) SHALL BE EXTERNALLY INSULATED WITH FIBERGLASS INSULATION. HANGER WIRE, DUCT STRAPS, FASTENING DEVICES, ETC. SHALL BE FASTENED TO THE STRUCTURE AND/OR CEILING ABOVE. ANY SUCH ITEMS DIRECTLY TO FLOOR SLABS, PIPING, OTHER DUCTWORK, ELECTRICAL CONDUIT, ETC. SHALL BE INSTALLED ABOVE.
G. ADDITIONAL FIRE DAMPERS SHOULD BE INSTALLED AS REQUIRED BY ANY APPLICABLE CODES AND JURISDICTIONAL AUTHORITIES.
17. SEAL AROUND PIPES AND DUCTS PENETRATING FIRE SEPARATIONS WITH LISTED AND APPROVED FIRE SEALANTS. ONLY LISTED AND APPROVED SEALANTS AND METHODS FOR THE SPECIFIC USE WILL BE PERMITTED.
18. MECHANICAL CONTRACTOR SHALL INSTALL TEMPERATURE SENSORS AND AS SHOWN ON THE PLAN (VERIFY LOCAL CODES. IF PLAN LOCATION IS NOT ACCEPTABLE, IMMEDIATELY CONTACT LS&C PROJECT MANAGER FOR RFI'S).
19. UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL FULLY PRESERVE, TEST AND CHARGE ALL REFRIGERANT SYSTEMS (IF REQUIRED).
20. THE CONTRACTOR SHALL ENGAGE THE SERVICES OF AIR WATER BALANCING COMPANY THAT IS PROVIDED BY LS&C. THIS COMPANY SHALL PERFORM THE BALANCING OF AIR/WATER SYSTEMS AND MAKE ANY REQUIRED ADJUSTMENTS TO ENSURE PROPER WORKING ORDER. UPON COMPLETION, THE BALANCING COMPANY SHALL PROVIDE A COMPLETE SYSTEM REPORT.

ABBREVIATIONS - MECHANICAL

Table with columns for Abbreviation, Description, and Unit. Includes entries for AACC, AFB, AHU, ASHRAE, BLDG, BHP, BTM, BTH, CAP, CFM, CHWG, CONTR, CWS, DB, DGA, DIX, EA, EAG, ENT, EL, EMT, FLEX, etc.



MECHANICAL EQUIPMENT SCHEDULES table with columns for MARK, MANUFACTURER, MODEL, NECK SIZE, FRAME SIZE, FRAME TYPE, FINISH, NOISE CRITERIA LEVEL, ACCESSORIES, and NOTES.

ROOFTOP HEAT PUMP SCHEDULE table with columns for MARK, MANUFACTURER, MODEL, AIR FLOW, OA FLOW, AMBIENT OAT, EXT. S.P. (IN. W.C.), DX COOLING COIL, HEAT PUMP HEATING, AUXILIARY ELECTRIC HEAT, ELECTRICAL, APPROX. WEIGHT, ACCESSORIES, and NOTES.

FAN TERMINAL UNIT SCHEDULE table with columns for MARK, MANUFACTURER, MODEL, FAN SIZE, INLET SIZE, MAXIMUM PRIMARY AIR FLOW, MINIMUM AIR FLOW, FAN PERFORMANCE, ELECTRICAL, APPROX. WEIGHT, ACCESSORIES, and NOTES.

EXHAUST AND VENTILATION FAN SCHEDULE table with columns for MARK, MANUFACTURER, MODEL, DRIVE TYPE, PERFORMANCE, TYPE, ELECTRICAL, APPROX. WEIGHT, ACCESSORIES, and NOTES.

GRILLE REGISTER, AND DIFFUSER SCHEDULE table with columns for MARK, MANUFACTURER, MODEL, NECK SIZE, FRAME SIZE, FRAME TYPE, FINISH, NOISE CRITERIA LEVEL, ACCESSORIES, and NOTES.

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AIR DEVICE SCHEDULE-BBW/WBC table with columns for MARK, MANUFACTURER, MODEL, DRIVE TYPE, PERFORMANCE, TYPE, ELECTRICAL, APPROX. WEIGHT, ACCESSORIES, and NOTES.

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NATIONAL ACCOUNTS HVAC SUPPLIER GENERAL NOTES table with columns for MARK, MANUFACTURER, MODEL, NECK SIZE, FRAME SIZE, FRAME TYPE, FINISH, NOISE CRITERIA LEVEL, ACCESSORIES, and NOTES.

TRANE CONTACT INFORMATION table with columns for NAME, PHONE, EMAIL, and ADDRESS.

TBA Thorson + Baker + Associates CONSULTING ENGINEERS

Lbrands STORE DESIGN & CONSTRUCTION Three Limited Parkway - Columbus, Ohio 43230 Telephone: 614.415.7000 - Fax: 614.415.7499

104.01.2445.01 BATH & BODY WORKS CHARLOTTE PREMIUM OUTLETS 5404 NEW FASHION WAY SPACE NO. 240 CHARLOTTE, NC 28278

PROJECT INFORMATION: BATH & BODY WORKS CHARLOTTE PREMIUM OUTLETS 5404 NEW FASHION WAY SPACE NO. 240 CHARLOTTE, NC 28278

NATIONAL ACCOUNTS HVAC SUPPLIER GENERAL NOTES HVAC EQUIPMENT NOTED HAS BEEN PREPURCHASED BY L BRANDS STORE DESIGN & CONSTRUCTION. WITHIN THE FIRST WEEK OF CONSTRUCTION, THE GENERAL CONTRACTOR OR THEIR MECHANICAL SUBCONTRACTOR SHALL NOTIFY SUPPLIER VIA EMAIL.

DRAWING NUMBER: M01.01