

DIFFUSER SCHEDULE								
MARK NO.	MANUFACTURER	MODEL NO.	FACE SIZE (IN.)	NECK SIZE (IN.)	FRAME TYPE*	NO. SLOTS	FINISH	NOTES
SA	PRICE	SDS100	24x4	8"Ø	LAY-IN	2	WHITE	
SB	PRICE	SDS100	48x4	8"Ø	LAY-IN	2	WHITE	
SC	PRICE	SDS100	48x4	8"Ø	LAY-IN	2	WHITE	
SD	PRICE	SPD	24x24	6"Ø	LAY-IN	-	WHITE	
SE	PRICE	SPD	24x24	8"Ø	LAY-IN	-	WHITE	
SF	PRICE	SPD	24x24	10"Ø	SURFACE	-	WHITE	
SG	PRICE	SPD	24x24	6"Ø	SURFACE	-	WHITE	
SH	PRICE	SPD	24x24	8"Ø	SURFACE	-	WHITE	
SI	PRICE	SDS100	48x4	8"Ø	SURFACE	2	WHITE	1
SJ	PRICE	S200	10x6	8x4	SEWALL	-	PRIME COAT	2,3
SK	PRICE	SPD	24x24	10"Ø	LAY-IN	-	WHITE	
SL	PRICE	S200	24x14	22x12	LAY-IN	-	WHITE	2
RA	PRICE	PDDR	24x12	-	LAY-IN	-	WHITE	
RB	PRICE	PDDR	24x24	-	LAY-IN	-	WHITE	
RC	PRICE	PDDR	24x12	22x10	LAY-IN	-	WHITE	
RD	PRICE	PDDR	24x24	22x22	LAY-IN	-	WHITE	
RE	PRICE	PDDR	24x24	22x10	SURFACE	-	WHITE	
RF	PRICE	PDDR	24x12	22x10	SURFACE	-	WHITE	
RG	PRICE	S200	24x14	22x12	LAY-IN	-	WHITE	
EA	PRICE	PDDR	24x24	10"Ø	LAY-IN	-	WHITE	
EB	PRICE	630	14x14	12x12	SURFACE	-	WHITE	
EC	PRICE	530	16x6	14x6	LAY-IN	-	WHITE	
NOTES: 1. PROVIDE WITH INSULATED LINEAR SLOT PLENUM MODEL SDBI. 2. PROVIDE WITH OPPOSED BLADE DAMPER. 3. FIELD PAINT (COLOR BY ARCHITECT) * CONTRACTOR SHALL VERIFY CEILING TYPE PRIOR TO ORDERING DIFFUSERS.								

FAN SCHEDULE												
MARK NO.	MANUFACTURER	MODEL NO.	AIRFLOW (CFM)	S.P (IN W.G.)	TYPE	RPM	DRIVE	ELECTRICAL				NOTES
								VOLT	Ø	HZ	WATTS	
EF-101	GREENHECK	CSP-A390	300	0.25	INLINE	1350	DIRECT	120	1	60	140W	1
EF-301	GREENHECK	CSP-A390	300	0.25	INLINE	1350	DIRECT	120	1	60	140W	1
EF-302	GREENHECK	CSP-A390	300	0.25	INLINE	1350	DIRECT	120	1	60	140W	1
EF-401	GREENHECK	CSP-A390	300	0.25	INLINE	1350	DIRECT	120	1	60	140W	1
EF-402	GREENHECK	CSP-A390	300	0.25	INLINE	1350	DIRECT	120	1	60	140W	1
NOTES: 1. PROVIDE WITH MOTOR SPEED CONTROLLER, LOCAL DISCONNECTING MEANS AND RATE-OF-RISE THERMOSTAT.												

DUCTLESS SPLIT-SYSTEM AC UNIT SCHEDULE										
MARK NO.	MANUFACTURER	MODEL NO.	MODEL ARRANGEMENT	CFM	SPACE CONDITIONS	TOTAL CAPACITY MBH	ELECTRICAL			NOTES
							VOLT	Ø	HZ	
AC-1 CU-1	MITSUBISHI	PEA-A36AA4 PUY-A36NH44	HORIZONTAL DUCTED	1200	75°F DB/50% RH	35.0	208	1	60	1
NOTES: 1. PROVIDE WITH LOW AMBIENT CONTROL, SECONDARY DRAIN PAN, STANDARD MICROPROCESSOR CONTROL AND CONDENSATE PUMP.										

## GENERAL NOTES (TYPICAL ALL SHEETS)

- A. MECHANICAL CONTRACTOR IS RESPONSIBLE TO SEE THAT WORK MEETS AND IS IN ACCORDANCE WITH ALL REQUIREMENTS OF FEDERAL, STATE, AND LOCAL LAWS AND CODES AND/OR REQUIREMENTS, INCLUDING HEALTH CODES AND BUILDING OWNER.
- B. ALL EXISTING DUCTWORK SHOWN ON DRAWINGS IS SCHEMATIC AND DOES NOT REFLECT EXACT EXISTING CONDITIONS. CONTRACTOR TO FIELD VERIFY EXACT DEPTH AND/OR LOCATIONS ON JOB SITE. CONTRACTOR SHALL REROUTE NEW WORK TO ACCOMMODATE EXACT LOCATIONS OF EXISTING UTILITIES, STUBOUTS AND/OR CONNECTIONS.
- C. CUTTING AND PATCHING OF FLOORS, WALLS, CEILING, ETC., REQUIRED IN STRICT ACCORDANCE WITH THE RULES AND REGULATIONS OF THE ARCHITECTS AND/OR LANDLORDS REQUIREMENTS.
- D. COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO INSTALLATION TO AVOID ROUTING CONFLICTS.
- E. ANY MATERIAL REMOVED THAT OWNER DOES NOT WISH TO RETAIN SHALL BE REMOVED FROM PROJECT SITE AND DISPOSED OF BY CONTRACTOR.
- F. MECHANICAL CONTRACTOR SHALL REMOVE, PATCH AIR TIGHT AND REINSULATE ALL DUCTWORK TAPS NOT REUSED WITH SAME MATERIAL AS EXISTING DUCTWORK.
- G. ALL REMOVED DEVICES THAT ARE BEING REUSED FOR NEW CONSTRUCTION SHALL BE CLEANED OF ALL DIRT AND STORED ON SITE.
- H. MECHANICAL CONTRACTOR SHALL AIR BALANCE ALL GRILLES TO CFMS SHOWN ON PLANS.
- I. ALL THERMOSTATS SHALL BE MOUNTED TO MATCH BUILDING STANDARDS UNLESS OTHERWISE NOTED.
- J. MECHANICAL CONTRACTOR SHALL PROVIDE NEW 1" FARR TYPE PLEATED FILTERS ON ALL TERMINAL BOXES WHICH ARE IN PROJECT SCOPE OF WORK PRIOR TO BALANCING. PROVIDE TEMPORARY FILTERS ON RETURN AIR OPENINGS DURING CONSTRUCTION.
- K. MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND RETAINING ALL TEMPERATURE CONTROLS FROM EXISTING FAN POWERED BOXES FOR REINSTALLATION UNDER NEW WORK. UPON REINSTALLATION, CONTRACTOR SHALL VERIFY PROPER OPERATION AND NOTIFY THE OWNER'S REPRESENTATIVE IN WRITING IF PROBLEMS ARE FOUND.
- L. ALL DUCTWORK, DIFFUSERS, TERMINAL UNITS, ETC. ARE EXISTING TO REMAIN, UNLESS NOTED OTHERWISE.
- M. MECHANICAL CONTRACTOR SHALL BID WORK IN CEILING SPACE BELOW TO BE COMPLETED AFTER HOURS ONLY IN AREAS THAT ARE NOT OCCUPIED BY THE OWNER'S PERSONNEL. CONTRACTOR SHALL COORDINATE WORK/TIMES WITH THE OWNER'S REPRESENTATIVE.
- N. INSTALL ELASTOMERIC JOINT SEALER AROUND ALL DUCTS, PIPES, ETC. PASSING THRU INTERIOR NON-RATED CONCRETE AND MASONRY WALLS, GYPSUM-BOARD PARTITIONS, AND CONCRETE FLOOR/ROOF SLABS. FOR FIRE RATED INTERIOR CONCRETE AND MASONRY WALLS, GYPSUM-BOARD PARTITIONS, AND CONCRETE FLOOR/ROOF SLABS SEAL ALL DUCTS, PIPES, ETC. INSTALL FIRESTOP MATERIALS IN ALL GAPS PRIOR TO SEALANT APPLICATION. INSTALL SEALER ACCORDING TO MANUFACTURERS WRITTEN INSTRUCTIONS.
- O. MECHANICAL CONTRACTOR SHALL BID AND SCHEDULE ALL CORE DRILLING AND HAMMER DRILLING FOR AFTER BUSINESS HOURS.
- P. MECHANICAL CONTRACTOR SHALL X-RAY FLOOR PRIOR TO ANY CORE DRILLING AND SHALL VERIFY PLACEMENT WITH BUILDING OWNER'S REPRESENTATIVE PRIOR TO DRILLING.
- Q. MECHANICAL CONTRACTOR SHALL COORDINATE ALL TEMPERATURE CONTROL WORK WITH BEN ACKLEY WITH THERMAL COMPONENTS (816) 607-6200 AND BUILDING MANAGEMENT COMPANY. BUILDING SYSTEM SHALL REMAIN OPERATIONAL AT ALL TIMES.
- R. UPON REQUEST FOR ELECTRONIC FILES, CONTRACTOR SHALL FILL OUT, SIGN AND RETURN ELECTRONIC MEDIA RELEASE FORM FROM ENGINEER AND PROVIDE PAYMENT FOR FEES STIPULATED ON ELECTRONIC MEDIA RELEASE FORM. UPON RECEIPT OF COMPLETED RELEASE FORM AND PAYMENT, ELECTRONIC FILES WILL BE RELEASED.

## MECHANICAL SYMBOLS

- OR EXISTING DUCTWORK TO BE REMOVED
- OR EXISTING DUCTWORK TO REMAIN
- OR NEW DUCTWORK
- SUPPLY DUCT
- RETURN DUCT
- EXHAUST DUCT
- SUPPLY DIFFUSER
- RETURN GRILLE
- EXHAUST GRILLE
- RISE OR DROP IN DUCT
- THERMOSTAT
- MANUAL VOLUME DAMPER
- WALL MOUNTED DIFFUSER/GRILLE
- ACCESS DOOR IN DUCT
- FIRE AND SMOKE DAMPER
- FLEXIBLE DUCT CONNECTION
- EQUIPMENT TYPE AND DESIGNATION
- MARK NO. SUPPLY (S.), RETURN (R.), EXHAUST (E.)
- SUPPLY DIFFUSER, RETURN OR EXHAUST GRILLE MARK NO. AND CFM
- CONNECT TO EXISTING

## Ascend Learning

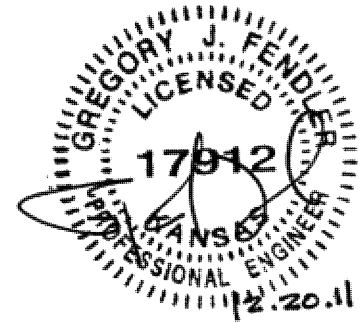
Tenant Improvement

11161 Overbrook Road  
Leawood, Kansas

Two Hallbrook Place

ISSUED FOR:

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Gastinger  
Walker  
Harden  
Architects

817 Wyndotte  
Kansas City, MO 64105  
816 421 8200 p  
816 421 1282 f  
www.gwhm.com

Structural Engineer  
BSE Structural Engineers, LLC  
9811 Plumm Road  
Lenexa, KS 66215  
913-492-7400

Mechanical/Electrical/Plumbing Engineer  
Lankford + Associates Consulting Engineers, Inc.  
1730 Walnut Street  
Kansas City, MO 64108  
816-221-1411

Consulting Engineers, Inc.  
1730 Walnut Street  
Kansas City, Missouri 64108 816.221.1411  
Fax: 816.221.1429  
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KEY PLAN

Drawn By RMF, JDB, SMP  
Checked By GJF

MECHANICAL  
SCHEDULES

82.02

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