

EXHAUST FAN SCHEDULE													
MARK	AREA SERVED	LOCATION	FAN DATA		AIR QUANTITY CFM	TOTAL STATIC PRESSURE IN. WTR.	WHEEL SIZE IN.	MAX SPEED RPM	WEIGHT LBS.	MOTOR			NOTES
			TYPE	DRIVE						HP	VOLTS	PHASE	
EF/1	HOOD EXHAUST	SIWALL	PRV	DIRECT	450	.75	11.75	1012	59	0.25	120	1	1,2,3,4

NOTES:  
 1. BASIS OF DESIGN IS CAPTIVEAIRE, MODEL DU3QHFA.  
 2. EXHAUST FAN TO HAVE WEATHERPROOF DISCONNECT, INTERNAL WIRING AND GREASE CLASSIFICATION TESTING.  
 3. PROVIDE FAN WITH GREASE COLLECTION BOX.  
 4. PROVIDE WALL MOUNT/STANDARD CURB AND HINGING KIT.

### EXHAUST FAN

FANS SHALL BE TURNED ON AND OFF BY A WALL MOUNTED OPERATOR CONTROL PANEL AND ALSO BE CONTROLLED TO TURN ON WHEN DETECTING HEAT. EXHAUST FAN SHALL OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300° F UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM.

### KITCHEN HOOD

KITCHEN HOOD TO BE PROVIDED WITH A WALL MOUNTED ANSUL SYSTEM, PROVIDED BY THE HOOD MANUFACTURER. SEE SCHEDULE.

KITCHEN HOOD SCHEDULE									
MARK	AREA SERVED	TYPE	LENGTH	MAX COOKING TEMP	TOTAL EXHAUST CFM	HOOD CONSTRUCTION	FIRE SYSTEM		NOTES
							TYPE	SIZE	
EH/1	KITCHEN RANGE	WALL MOUNT	3'-0"	450° F	450	430 SS	ANSUL	1.5	-

NOTES:  
 1. BASIS OF DESIGN OF HOOD IS CAPTIVEAIRE, MODEL 3044 BD-2.  
 2. BASIS OF DESIGN FOR ANSUL FIRE SYSTEM IS MODEL 110110KT  
 3. HOOD TO BE PROVIDED WITH STAINLESS STEEL BAFFLE FILTERS, INTERIOR LIGHT AND PRE-PIPED FOR ANSUL SYSTEM.  
 4. HOOD TO BE PROVIDED WITH RIGHT AND LEFT QUARTER END PANELS OF 430 SS.  
 5. ANSUL SYSTEM TO BE PROVIDED WITH AUTOMAN RELEASE AND REMOTE MANUAL PULL STATION.

RADIANT CEILING PANEL						
MARK	AREA SERVED	TYPE	BTUH REQ'D (MIN.)	GPM	WIDTH	NOTES
RCP-1	ROOM 153	HYDRONIC	7,930	0.79	18"	1

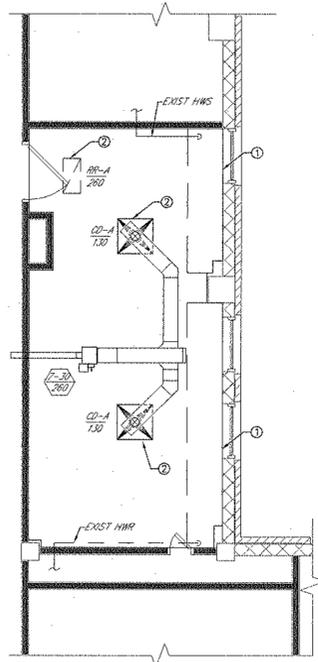
NOTES:  
 1. PANEL TO RUN FULL LENGTH OF EXTERIOR WALL.

#### SHEET NOTES:

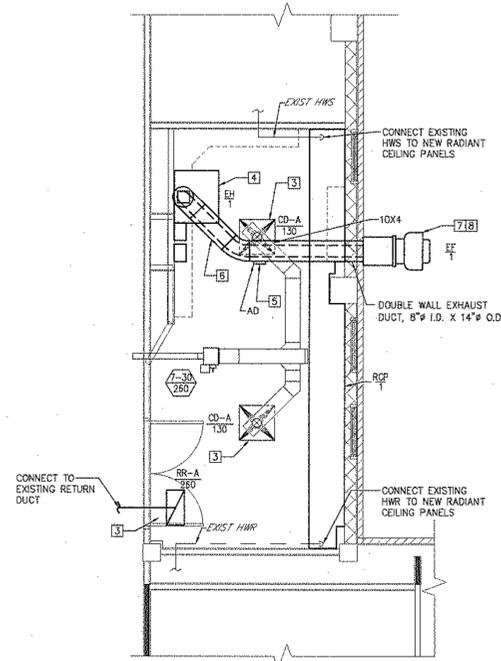
- SELECTIVE DEMOLITION INCLUDES, BUT IS NOT LIMITED TO, REMOVAL AND DISPOSAL OF EQUIPMENT AND SYSTEMS MADE OBSOLETE AND/OR REPLACED BY NEW WORK AND FOR EXISTING EQUIPMENT AND SYSTEMS WHICH ARE TO REMAIN.
- THE DEMOLITION WORK INDICATED ON THE DRAWINGS IS INTENDED TO ASSIST THE CONTRACTOR AND GIVE GENERAL INFORMATION. PRIOR TO SUBMITTING BID, THE CONTRACTOR SHALL VISIT THE PROJECT SITE, REVIEW ORIGINAL DRAWINGS IF AVAILABLE. CONTRACTOR IS RESPONSIBLE TO DETERMINE THE FULL EXTENT OF SELECTIVE DEMOLITION, AND INCLUDE ALL REQUIRED SELECTIVE DEMOLITION WORK IN THE BID, WHETHER OR NOT SPECIFICALLY SHOWN ON DRAWINGS. NO ADDITIONAL COSTS WILL BE GRANTED FOR SELECTIVE DEMOLITION. LEGALLY DISPOSE OF ALL ITEMS AND MATERIALS, EXCEPT ANY ITEMS SPECIFICALLY DESIGNATED BY THE OWNER TO BE SALVAGED. REMOVE AND PLACE THE DESIGNATED SALVAGED EQUIPMENT IN A LOCATION DIRECTED BY THE OWNER.
- REFER TO GENERAL CONSTRUCTION TRADE DRAWINGS FOR EXTENT OF AREA TO BE DEMOLISHED.

#### KEYED NOTES:

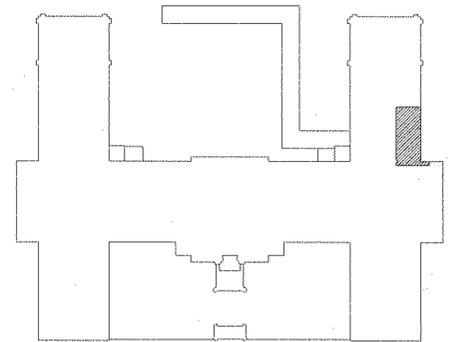
- DEMO EXISTING RADIANT CEILING PANELS.
- DEMO EXISTING RETURN AIR GRILLE AND SUPPLY AIR DIFFUSERS.
- PROVIDE NEW SUPPLY AIR DIFFUSERS AND RETURN AIR GRILLE.
- PROVIDE COMMERCIAL RANGE HOOD RATED FOR 450 CFM, SEE SCHEDULE.
- PROVIDE ACCESS DOOR IN THE SIDE OF EXHAUST DUCT.
- EXHAUST DUCTWORK SHALL SLOPE 1/4" PER FOOT BACK TO THE HOOD.
- SIWALL MOUNTED EXHAUST FAN. SEE SCHEDULE.
- CENTER LINE OF FAN SHALL BE LOCATED 9'-0" ABOVE THE FIRST FLOOR.



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



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



KEY PLAN  
SCALE: NOT TO SCALE



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#### Drawing Title

HVAC PLANS  
 Approved Project Director  
**CHRISTOPHER HALL**

#### Project Title

KITCHEN RENOVATIONS  
 Location  
**BUILDING #7 ROOM 152**  
 Date  
 2-24-2012  
 Checked  
 MPN  
 Drawn  
 DLS

#### Project Number

6944-001  
 Building Number  
**#7**  
 Drawing Number  
**7-MH 1**  
 Day 1 of 1

Office of  
 Construction  
 and Facilities  
 Management

