KITCHEN EXHAUST HOOD SCHEDULE

HOOD	GREENHECK MODEL NO.	SIZE L	SIZE W	TYPE	EXHAUST FAN (GREENHECK) MARK	CFM	SP	MODEL	RPM	SONES	HP	ELEC	MAKE-UP UNIT (GREENHECK) MARK	CFM	SP	MODEL	RPM	HP	ELEC	MBH	COMMENTS
# 1	GHCW-11.00-S	11'-0"	5'-6"	ISLAND	EF-KH1	2251	1.25	CUBE 180-10	1725	13.2	1	460	MU-K1	1800	1.0	KSU-109-E-1-7	1725	3/4	460	137.3	UL, NSF & INDIANA APPROVALS REQ'D
# 2	GHCW-8.00-S	8'-0"	5'-6"	ISLAND	EF-KH2	1800	1.25	CUBE 140-7	1725	11.9	3/4	460	MU-K2	1440	1.0	KSU-109-E-1-5	1725	1/2	460	109.8	UL, NSF & INDIANA APPROVALS REQ'D
# 3	GHCW-10.00-S	10'-0"	5'-6"	ISLAND	EF-KH3	2700	1.30	CUBE 180-15	1725	14.6	1 1/2	460	MU-K3	2160	1.0	KSU-109-E-1-15	1725	1 1/2	460	164.7	UL, NSF & INDIANA APPROVALS REQ'D
# 4	GHCW-9.00-S	9'-0"	5'-6"	ISLAND	EF-KH4	2245	1.475	CUBE 160-10	1725	17.6	1	460	MU-K4	1800	1.0	KSU-109-E-1-7	1725	3/4	460	136.9	UL, NSF & INDIANA APPROVALS REQ'D
# 5	GHCW-9.00-S	9'-0"	5'-0"	WALL	EF-KH5	1800	1.80	CUBE 160HP-10	1725	15.2	1	460	MU-K5	1445	1.0	KSU-109-E-1-5	1725	1/2	460	109.8	UL, NSF & INDIANA APPROVALS REQ'D
# 6	GHCW-7.33-S	7'-4"	5'-0"	WALL	EF-KH6	2025	1.25	CUBE 160-7	1725	14.8	3/4	460	MU-K6	1625	1.0	KSU-109-A-1-7	1725	3/4	460	123.6	UL, NSF & INDIANA APPROVALS REQ'D
# 7	GHCW-9.00-S	9'-0"	5'-0"	WALL	EF-KH7	2640	2.20	CUBE 180HP-20	1725	19.3	2	460	MU-K7	2115	1.0	KSU-109-A-1-15	1725	1 1/2	460	161.1	UL, NSF & INDIANA APPROVALS REQ'D
# 8	GHCW-8.00-S	8'-0"	5'-0"	WALL	EF-KH8	1600	1.40	CUBE 140-7	1725	11.4	3/4	460	MU-K8	1280	1.0	KSU-109-A-1-5	1725	1/2	460	97.6	UL, NSF & INDIANA APPROVALS REQ'D
					ALL EXHAUST FANS COMPLETE W/EXTENDED CURB AND GREASE CONTAINER																

REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS
FIRE PROTECTION SYSTEM REQ'D IN ALL HOODS – REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS

HOOD AND INSTALLATION SHALL MEET AND EXCEED THE REQUIREMENTS OF THE IMC CHAPTER 20 LATEST REVISIONS.

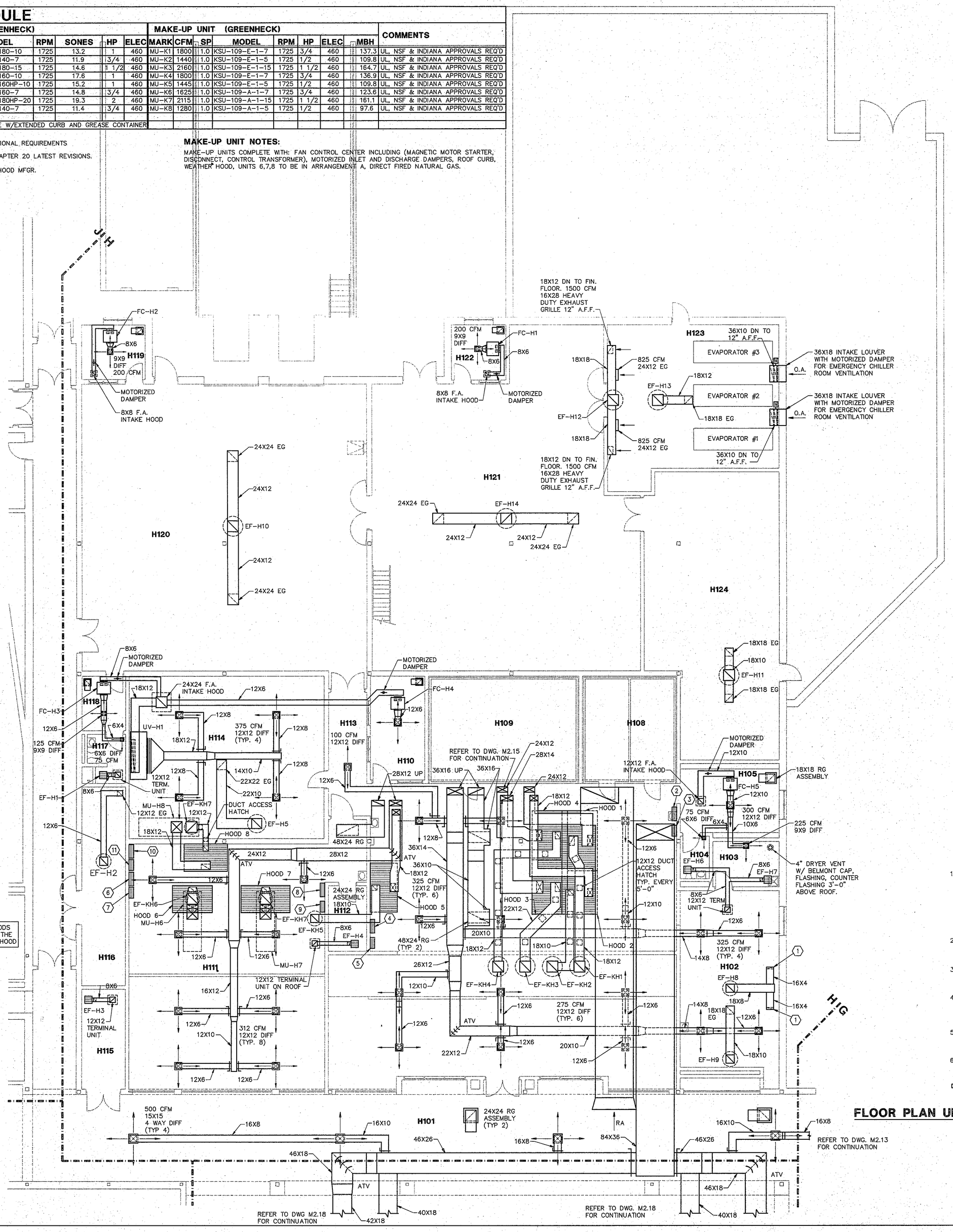
HOOD EXHAUST AND SUPPLY AIR BALANCING TO BE PROVIDED AND CERTIFIED BY THE HOOD MFGR.
REFER TO HOOD DETAILS SHEET M2.33.

MAKE-UP UNIT NOTES:

MAKE-UP UNITS COMPLETE WITH: FAN CONTROL CENTER INCLUDING (MAGNETIC MOTOR STARTER, DISCONNECT, CONTROL TRANSFORMER), MOTORIZED INLET AND DISCHARGE DAMPERS, ROOF CURB, WEATHER HOOD, UNITS 6,7,8 TO BE IN ARRANGEMENT A, DIRECT FIRED NATURAL GAS.

ROOM LEGEND "H1"

ROOM NO.	ROOM NAME	AREA S.F.	CEILING HEIGHT
H101	CORRIDOR	2240	10'-0"
H102	WAREWASHING	600	9'-4"
H103	JANITOR/LAUNDRY	101	9'-4"
H104	TOILET	42	9'-4"
H105	LOCKER/BREAK ROOM	242	9'-4"
H106	SERVING	955	9'-4"
H107	COOKING/BAKING	2252	9'-4"
H108	COOLER	342	---
H109	FREEZER	546	---
H110	OFFICE	191	9'-4"
H111	FAST FOOD SERVING	1711	9'-4"
H112	STORAGE	84	9'-4"
H113	PASSAGE	159	9'-4"
H114	DRY FOOD STORAGE	1080	9'-4"
H115	STORAGE	147	9'-4"
H116	STORAGE	292	9'-4"
H117	TOILET	70	9'-4"
H118	OFFICE	80	9'-4"
H119	OFFICE	117	9'-4"
H120	SHIPPING/RECIEVING	2788	---
H121	BOILER ROOM	2658	---
H122	OFFICE	102	9'-4"
H123	CHILLER ROOM	856	---
H124	ELECTRICAL ROOM	1209	---
H125	MECHANICAL MEZZ	1124	---



DUCT SIZES DN TO HOODS 6 & 7 ARE TO MATCH THE DUCT COLLAR ON THE HOOD

1. STAINLESS STEEL DUCTING DN TO DISHWASHER AND UP TO EXHAUST FAN. INSTALL STAINLESS STEEL ESCUTCHEON AT CEILING. ALL DUCT SEAMS ARE TO BE WELDED.
2. KITCHEN HOOD CONTROL PANEL FOR HOODS #1, 2, 3, 4 BY DIVISION 15. MOUNT TOP OF CONTROL PANEL 1'-0" BELOW FINISHED CEILING.
3. FIRE PROTECTION CABINET W/ANSUL TANK FOR HOODS #1,2,3,4 MOUNT TOP OF CABINET 1'-0" BELOW FINISHED CEILING.
4. KITCHEN HOOD CONTROL PANEL FOR HOOD #5 BY DIVISION 15. MOUNT TOP OF CONTROL PANEL 1'-0" BELOW FINISHED CEILING.
5. FIRE PROTECTION CABINET W/ANSUL TANK FOR HOOD #5 MOUNT TOP OF CABINET 1'-0" BELOW FINISHED CEILING.
6. KITCHEN HOOD CONTROL PANEL FOR HOOD #6 BY DIVISION 15. MOUNT TOP OF CONTROL PANEL 1'-0" BELOW FINISHED CEILING.
7. FIRE PROTECTION CABINET W/ANSUL TANK FOR HOOD #6 MOUNT TOP OF CABINET 1'-0" BELOW FINISHED CEILING.
8. KITCHEN HOOD CONTROL PANEL FOR HOOD #7 BY DIVISION 15. MOUNT TOP OF CONTROL PANEL 1'-0" BELOW FINISHED CEILING.
9. FIRE PROTECTION CABINET W/ANSUL TANK FOR HOOD #7 MOUNT TOP OF CABINET 1'-0" BELOW FINISHED CEILING.
10. KITCHEN HOOD CONTROL PANEL FOR HOOD #8 BY DIVISION 15. MOUNT TOP OF CONTROL PANEL 1'-0" BELOW FINISHED CEILING.
11. FIRE PROTECTION CABINET W/ANSUL TANK FOR HOOD #8 MOUNT TOP OF CABINET 1'-0" BELOW FINISHED CEILING.

NOTES

1. ALL RECTANGULAR SUPPLY AND RETURN DUCTING IS TO BE WRAPPED WITH DUCTWRAP. ALL FRESH AIR INTAKE DUCTING FROM THE INTAKE GRILLE TO THE AIR HANDLING UNIT IS TO BE WRAPPED WITH DUCT WRAP. ALL SPIRAL DUCTING IS TO BE WRAPPED WITH DUCT WRAP WITH THE EXCEPTION OF THE EXPOSED SPIRAL DUCT IN THE GYMNASIUM. FRESH AIR SUPPLY DUCT FROM MAKE-UP AIR FAN TO KITCHEN HOOD IS TO BE WRAPPED WITH DUCT WRAP. REFER TO SPECIFICATION SECTION 15250 FOR ADDITIONAL REQUIREMENTS.
2. TERMINAL UNITS FOR EXHAUST FANS AND RANGE HOODS TO BE PENN AIRETTE OR APPROVED EQUAL WITH CURB & BIRD SCREEN. SIZE SHOWN IS MINIMUM ACCEPTABLE SIZE.
3. PROVIDE OPPOSED BLADE VOLUME DAMPERS ON ALL SUPPLY DIFFUSERS AND GRILLES (EXCEPT SLOT DIFFUSERS AND GYMNASIUM RETURN GRILLS).
4. FD-1 = 1 HR FIRE DAMPER ASSEMBLY
   FD-2 = 2 HR FIRE DAMPER ASSEMBLY
   FD-3 = 3 HR FIRE DAMPER ASSEMBLY
   SD-1 = SMOKE DAMPER ASSEMBLY
5. COORDINATE GRILLE & DIFFUSER LOCATIONS WITH REFLECTED CEILING AND ELECTRICAL PLANS. (DIFFUSERS TO BE MIN. 4'-0" FROM MOTION DETECTORS.)
6. ALL LOW PRESSURE DUCT OFFSETS OVER PROJECTION SCREENS IN TYPICAL CLASSROOMS, TO BE ELIMINATED IN BASE BID.

INDICATES 16X8 AIR TRANSFER OPENING IN WALL

FLOOR PLAN UNIT "H"

1/8"=1'-0"

NORTH

97-M-15

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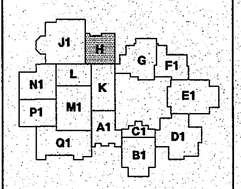
DOUGLAS M. WICKS REGISTERED STATE OF INDIANA ARCHITECT

LEE BROCKMAN REGISTERED STATE OF INDIANA ARCHITECT

THE NEW
CHESTERTON HIGH SCHOOL
FOR THE
DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA



Fanning/Howey Associates, Inc.
Architects Engineers Consultants

VENTILATION PLAN UNIT "H"		
DRAWN BY: SCB	COMM. NO.: 95067.00	REVISIONS NO. DATE
CHECKED BY: CAM	DATE: APRIL 21, 1997	

M2.14

CHESTERTON HIGH SCHOOL
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