KEWAUNEE SCIENTIFIC SUPREME AIR LV05 HIGH P BENCH FUME HOOD OPERATING TYPE [~] LOW CONSTANT VOLUME DYNAMIC BARRIEF SASH TYPE SELF-CLOSING VERTICAL RISING SASH PERFORMANCE

NER BYPASS

[~] FRAMELESS 35-1/2" HIGH 1/4" LAMINATED UNOBSTRUCTED SIGHT INTO HOOD PEN LATCH FOR EASY LOADING

28" HIGH OPENING WITH AUTOMATIC HOLD-OPEN LATCH FOR EASY AND SETUP. SELF-CLOSING TO 18" FOR LESS EXHAUST VOLUME AND MAXIMUM PROTECTION

STAINLESS STEEL CABLE REINFORCED NOTCHED NYLON BELT AND SPROCKETED SASH COUNTERWEIGHT SYSTEM FOR LEVEL, SMOOTH, QUIET SASH OPERATION. SINGLE WEIGHTED TO PREVENT TILTING AND BINDING DURING OPERATION

FLUSH SILL AIRFOIL

[-] 12ga PAINTED COLD ROLLED STEEL FLUSH MOUNTED AIRFOIL PROVIDES PROVIDES OBSTRUCTION FREE, SWEEPING AIRFLOW ACROSS THE WORKSURFACE TO PREVENT BACK FLOW OF AIR.

AIRFOIL IS REMOVABLE TO ALLOW LARGE EQUIPMENT INTO HOOD.

INTERIOR LINER MATERIAL

[G] KEMGLASS 1/4" REINFORCED WHITE FIBERGLASS REINFORCED POLYESTER SHEET MATERIAL - METAL FREE INTERIOR WITH TRIANGULAR SHAPED GASKETED ACCESS PANELS ON EACH SIDE

INTERIOR HEIGHT

48" INTERIOR HEIGHT

BAFFLE SYSTEM

UNIQUE INTERSTITIAL, VERTICAL SLOT BAFFLES FOR EXCEPTIONAL TURBULENCE FREE AIRFLOW AND MINIMAL UPPER VORTEX ROLL. REMOVABLE FOR EASY ACCESS AND HOOD MAINTENANCE.

WIRING OPTION

[H] FACTORY PREWIRED TO A SINGLE JUNCTION BOX ON TOP OF HOOD (UL LISTED PER UL 6101A-1)

POST MOUNTED ELECTRICAL DEVICES

[~] TWO 20amp, 120v AC, GFI DUPLEX RECEPTACLES AND ONE 20amp LIGHT BLACK DEVICES WITH STAINLESS STEEL FACE PLATE

LIGHT FIXTURES [~] SINGLE TUBE T-5 FLUORESCENT LIGHT FIXTURE WITH BULB

FACTORY PIPING CONFIGURATION

[PU] PIPED UP TO A CONNECTION POINT ABOVE TOP OF HOOD

POST MOUNTED SERVICE FIXTURES

[-] REMOTE CONTROL BRASS VALVE WITH PLASTIC COLOR-CODED FOUR ARM HANDLE, NYLON COLOR-CODED PANEL FLANGE, CONNECTORS AND OUTLETS WITH COLOR-CODED EPOXY FINISH.

AIR FLOW ALARM MONITOR
[M] AIR ALERT 600 (TOP RIGHT POST ABOVE

CEILING ENCLOSURE

NOT INCLUDED

EXHAUST COLLAR

[~] STANDARD POLYETHYLENE COLLAR 11-15/16" O.D.

(8' HOODS ARE FURNISHED WITH 2 DUCT COLLARS)

ADDITIONAL STANDARD FEATURES

• CHEMICAL RESISTANT FINISH IS SEFA 8 AND GREEN BUILDING COUNCIL LEED COMPLIANT URETHANE POWDERCOAT FINISH

• TESTED USING BS 7258, DIN 12 924 & ANSI/ASHRAE 110-1995 PROCEDURE TO VERIFY COMPLIANCE WITH ANSI/AIHA Z9.5-2003.

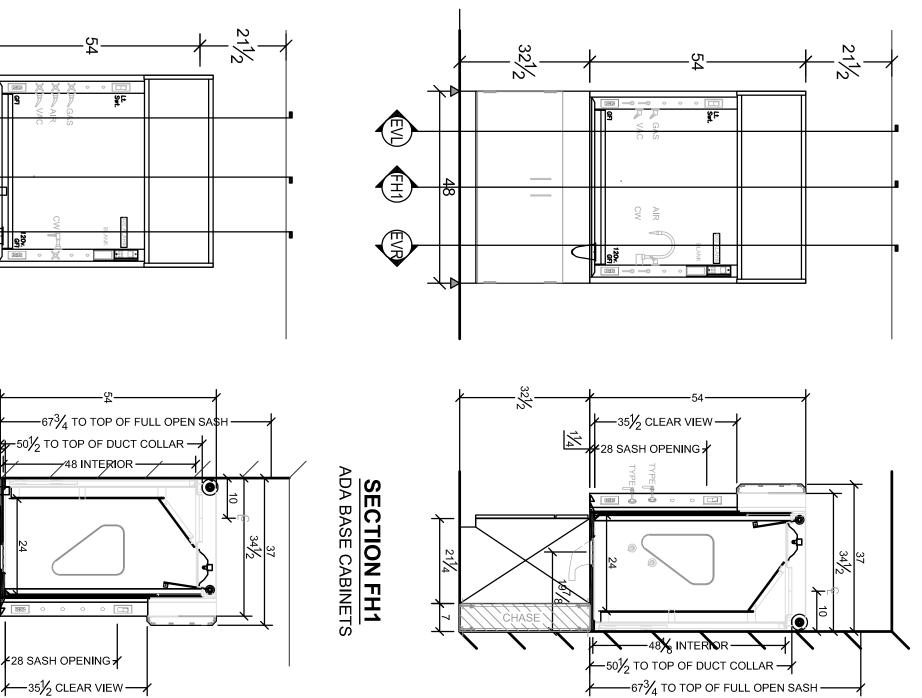
• UL1805 CLASSIFIED WHEN SPECIFIED WITH KEMGLASS [G] OR STAINLESS STEEL [S] LINERS

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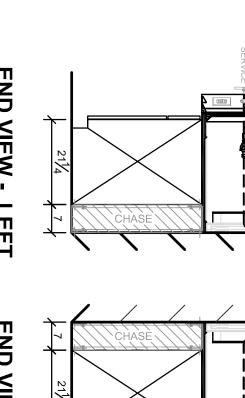
35½ CLEAR VIEW

48	HOOD SIZE		
7.85	SF OPENING @ SF OPENING 28" SASH @ 18" SASH OPENING OPENING		
5.15	SF OPENING @ 18" SASH OPENING		EXI
515	CFM	HIGH SETTING MEDIUM SETTING 100 FPM @ 18" 84 FPM @ 18" 66 FPM @ 28" 55 FPM @ 28"	EXHAUST VOLUMES
.20	SP		
430	CFM		
.15	SP		
285	CFM	LOW SETTING 55 FPM @ 18" 28" NOT RECOMMENDED	
.10	SP		

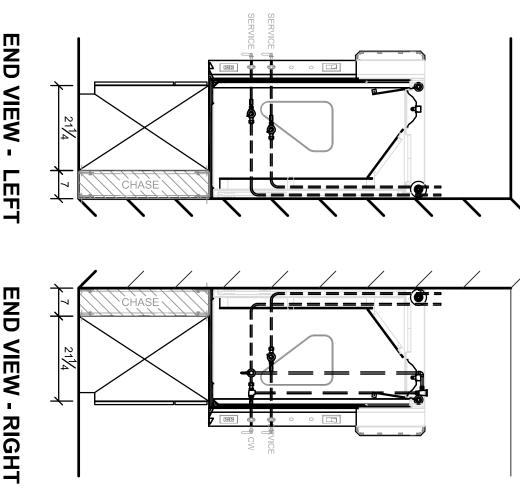
SECTION FH2
STANDING BASE CABINETS











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CATHOLIC ACADEMY

JOSEPH'S

901 Boalsburg Pike Boalsburg, PA 16827

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SCIENCE LAB RENOVATIONS

LAB HOOD SECTIONS &

PBCI engineering

PBCI

Engineering

2746 West College Avenue State College, PA 16801 phone: 814.234.7366 fax: 814.234.7040

PBCI No.: E33004 Building Company, Inc.

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PROGRESS DATES

02/18/13 02/25/13

DESIGN REVIEW SET CODE & BIDDING SET

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