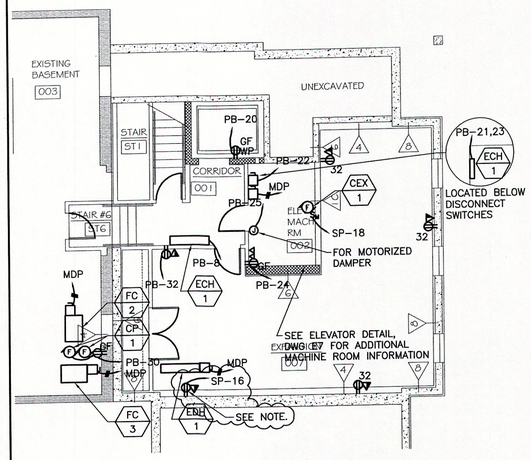
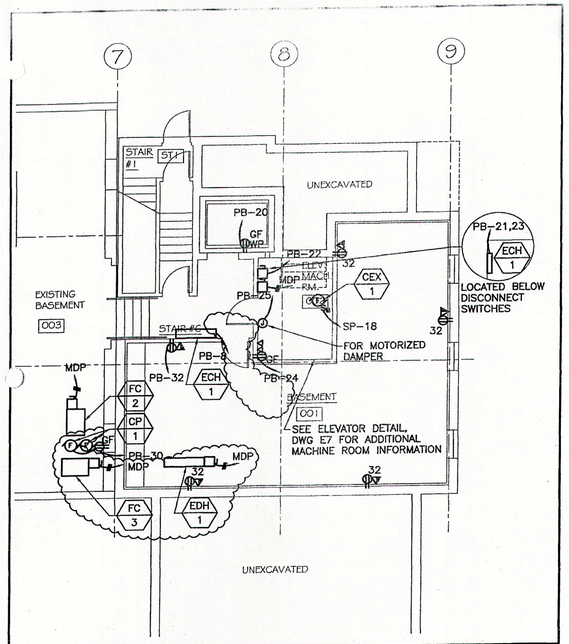
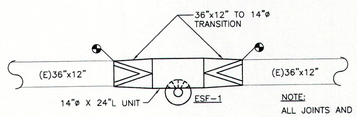


NOTE:
PROVIDE 20A BRANCH CIRCUIT FROM RECEPTACLE INDICATED TO 20A/1P CIRCUIT BREAKER IN PANEL SP.

NANGLE ENGINEERING INCORPORATED 32 Prince Street Danvers, MA 01923 Tel. (978) 777-7650 Fax (978) 777-7653	PROJECT: WESTFORD TOWN HALL ADDITION & RENOVATIONS	DATE: 9/24/10 SCALE: 1/8"=1'-0" DRAWN BY: CWN CHECKED BY: GPN	
	DRAWING TITLE: BASEMENT PART PLAN REFERENCE DRAWING E6	DRAWING NUMBER: SKE-14	



NANGLE ENGINEERING INCORPORATED 32 Prince Street Danvers, MA 01923 Tel. (978) 777-7650 Fax (978) 777-7653	PROJECT: WESTFORD TOWN HALL ADDITION & RENOVATIONS	DATE: 9/11/09 SCALE: 1/8"=1'-0" DRAWN BY: CWN CHECKED BY: GPN	
	DRAWING TITLE: ALTERNATE #1 BASEMENT POWER PLAN REFERENCE DRAWING E6	DRAWING NUMBER: SKE-3	



NOTE:
ALL JOINTS AND SEAMS WELDED

ELEVATION DETAIL

NOT TO SCALE

EXHAUST FAN SCHEDULE

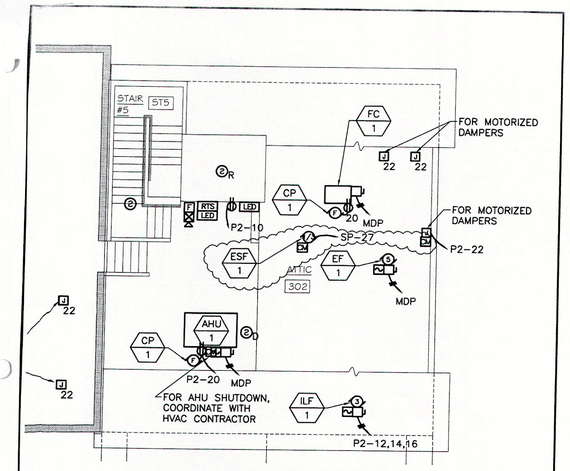
	UNIT NUMBER		ESF-1
	SERVICE		ELEVATOR SHAFT VENT.
FANS	MANUFACTURER		TJERLUND
	MODEL #		IL (FOR 14"ø)
	C.F.M.		1270
	STATIC PRESS. (IN WG)		0.159"
	FAN RPM		1725
	FAN BHP		–
MOTOR & STARTER	MOTOR	TYPE	ODP
		H.P.	1/3
		R.P.M	1725
		VOLTAGE/PHASE	115V – 1ø
	STARTER	TYPE	–
		NEMA SIZE	–
		CONTROL	FIRE ALARM & T'STAT①
		AUX. CONTACTS	
			② ③

① FAN SHALL ACTIVATE & DAMPER SHALL OPEN UPON THE ACTIVATION OF THE FIRE ALARM OR IF COOLING THERMOSTAT IN ELEVATOR MACHINE ROOM OR AT TOP OF SHAFT EXCEEDS SETPOINT (INITIALLY SET FOR 90°F)

② PROVIDE 2-HR INSULATION FOR FAN HOUSING IF WITHIN 18" OF COMBUSTIBLES.

③ FAN SHALL BE ON EMERGENCY POWER.
PROVIDE DISCONNECT SWITCH & RELAY.

ARCHITECT: KANG ASSOCIATES, INC. SUDBURY, MA	WESTFORD TOWN HALL ADDITION & RENOVATIONS 55 MAIN STREET WESTFORD, MA	ELEVATOR FAN ELEVATION & SCHEDULE	SKH-18 SCALE: NONE	DATE: 10/25/10
			SEAMAN ENGINEERING CORPORATION 30 Faith Ave.Auburn, MA 01501 508-832-3535 fax 508-832-3393	



NOTE:
1. PROVIDE 20A BRANCH CIRCUIT FROM ESF-1 TO NEW 20A/1P CIRCUIT BREAKER IN PANEL SP.
2. DISCONNECT SHALL BE FURNISHED WITH EXHAUST FAN. COORDINATE LOCATION OF FAN WITH HVAC CONTRACTOR.
3. PROVIDE CONTROL MODULES AT ESF-1 AND DAMPER. PROGRAM FACP TO ACTIVATE FAN AND OPEN DAMPER UPON FIRE ALARM. UPON CLEARING AND RESET AT THE FACP, FAN SHALL STOP AND DAMPER SHALL CLOSE. PROVIDE ALL WIRING, RELAYS, AND PROGRAMMING REQUIRED TO PROVIDE THIS SEQUENCING.

NANGLE ENGINEERING INCORPORATED 32 Prince Street Danvers, MA 01923 Tel. (978) 777-7650 Fax (978) 777-7653	PROJECT: WESTFORD TOWN HALL ADDITION & RENOVATIONS	DATE: 10/2610 SCALE: 1/8"=1'-0" DRAWN BY: CWN CHECKED BY: GPN	
	DRAWING TITLE: ATTIC PART PLAN REFERENCE DRAWING E6	DRAWING NUMBER: SKE-15	