

MAKE-UP AIR UNIT SCHEDULE													
UNIT No.	LOCATION	CFM	SP (INCHES)	OUTSIDE AIR	ELECTRICAL DATA			HEATING (MBH)		WEIGHT (LBS)	MANUFACTURER & MODEL NUMBER	REMARKS	
					HP	VOITS	PH	HZ	FLA				INPUT
MUA-1	ROOF	1950	0.75"	1950	1.5	208	3	60	4.7	150	120	595	CAPTIVE AIR 0.250-C10

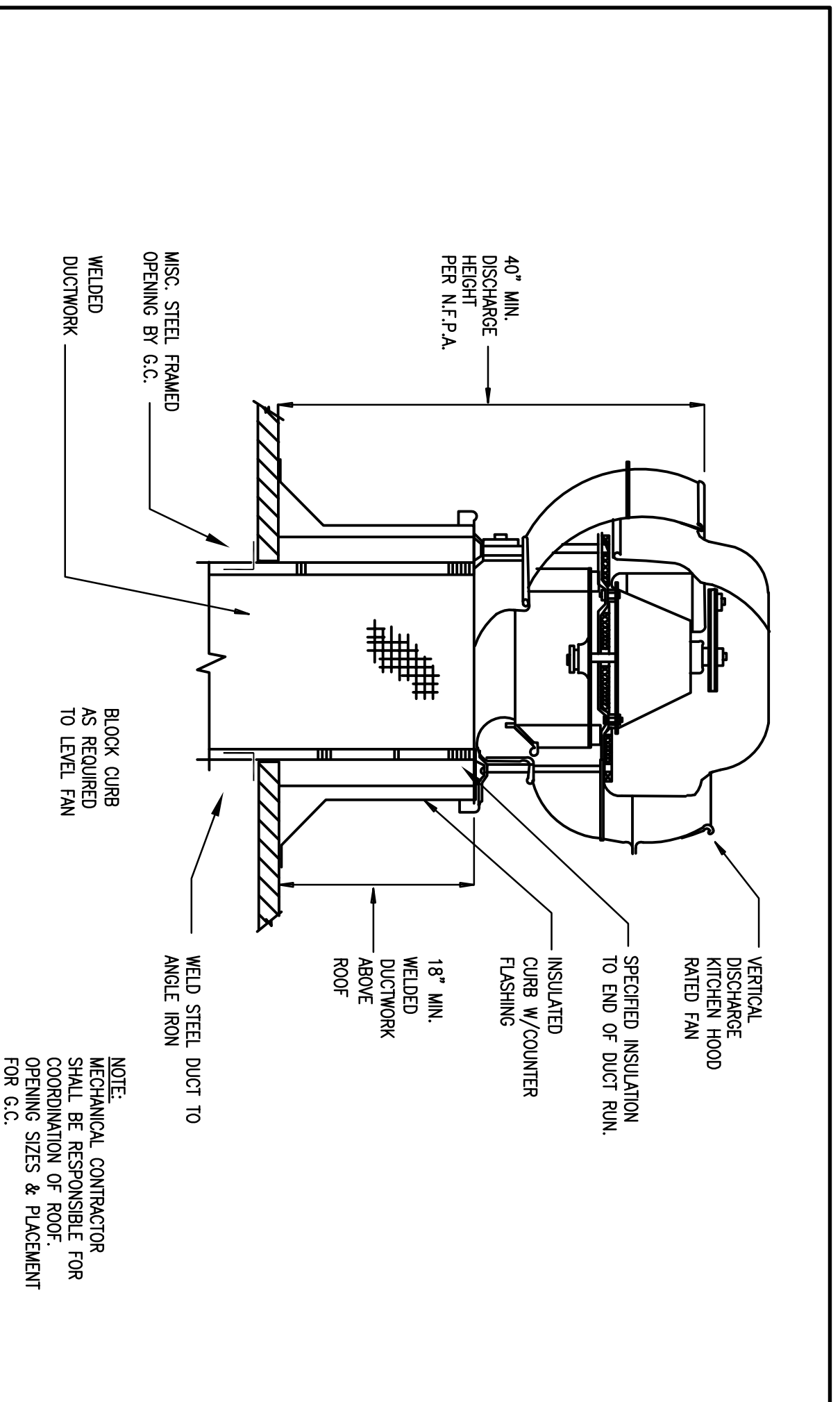
- NOTES:
 ① MUA-1 SHALL BE INTERLOCKED WITH EF-1.
 ② UNIT SHALL BE PROVIDED WITH 20" ROOF CURB.

EXHAUST FAN SCHEDULE													
SYMBOL	SERVICE	LOCATION	DRIVE TYPE	CFM	NK. WG.	ESP (IN.)	RPM (MAX.)	ELECTRICAL DATA			OPER. & MODEL NUMBER	REMARKS	
								HP	VOITS	PHASE			HZ
EF-1	KITCHEN HOOD	ROOF	BELT	2438	1.8"	1392	1.5	208	3	60	4.7	190	CAPTIVE AIR NAD10HFA ①②③④⑤

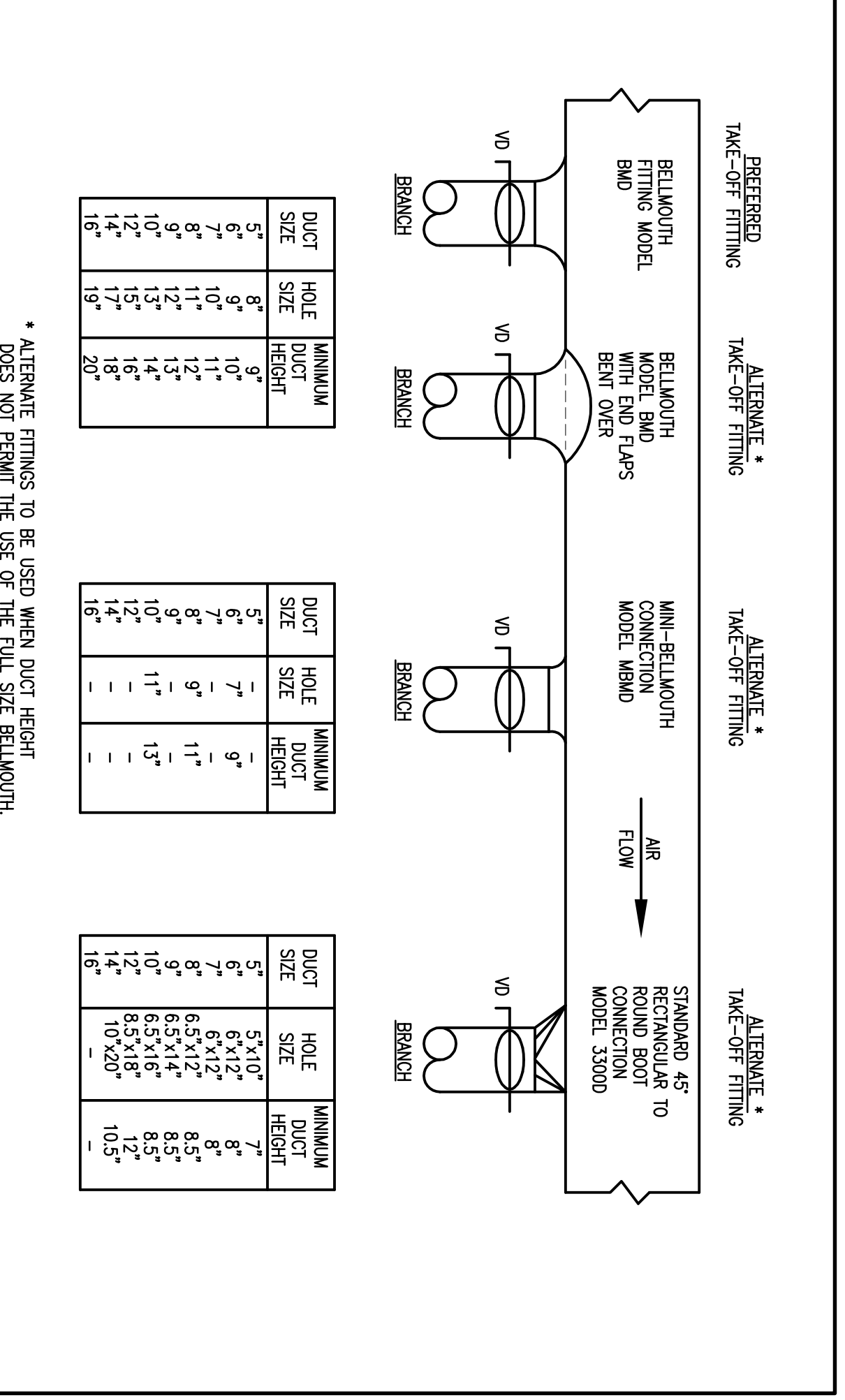
- NOTES:
 ① EF-1 CONTROLS SHALL BE INTERLOCKED WITH MUA-1.
 ② PROVIDE EXHAUST FANS WITH HINGE BASE KIT FOR MAINTENANCE.
 ③ EXHAUST FANS MUST BE UL 782 APPROVED.
 ④ UNIT SHALL BE PROVIDED WITH 20" VENTED ROOF CURB.
 ⑤ EXHAUST FANS SHALL BE PROVIDED WITH DISCONNECT SWITCH.

DIFFUSER, GRILLE & REGISTER SCHEDULE							
SYMBOL	NECK SIZE	SECTION RANGE (CFM)	BLOW	MOUNTING	OPPOSED BLADE DAMPER	MANUFACTURER MODEL NO. (AS STANDARD)	REMARKS
SD-1	SEE DWG'S	SEE DWG'S	1-MW	SURFACE	YES	TDUS - TOC	①
SD-2	SEE DWG'S	SEE DWG'S	2-MW	T-BAR	YES	TDUS - TOC	①
SD-3	SEE DWG'S	SEE DWG'S	3-MW	T-BAR	YES	TDUS - TOC	①
SD-4	SEE DWG'S	SEE DWG'S	4-MW	T-BAR	YES	TDUS - TOC	①
SD-5	SEE DWG'S	SEE DWG'S	2-MW CORNER	T-BAR	YES	TDUS - TOC	①
RR-1	SEE DWG'S	SEE DWG'S	-	T-BAR	-	TDUS - PAR	①

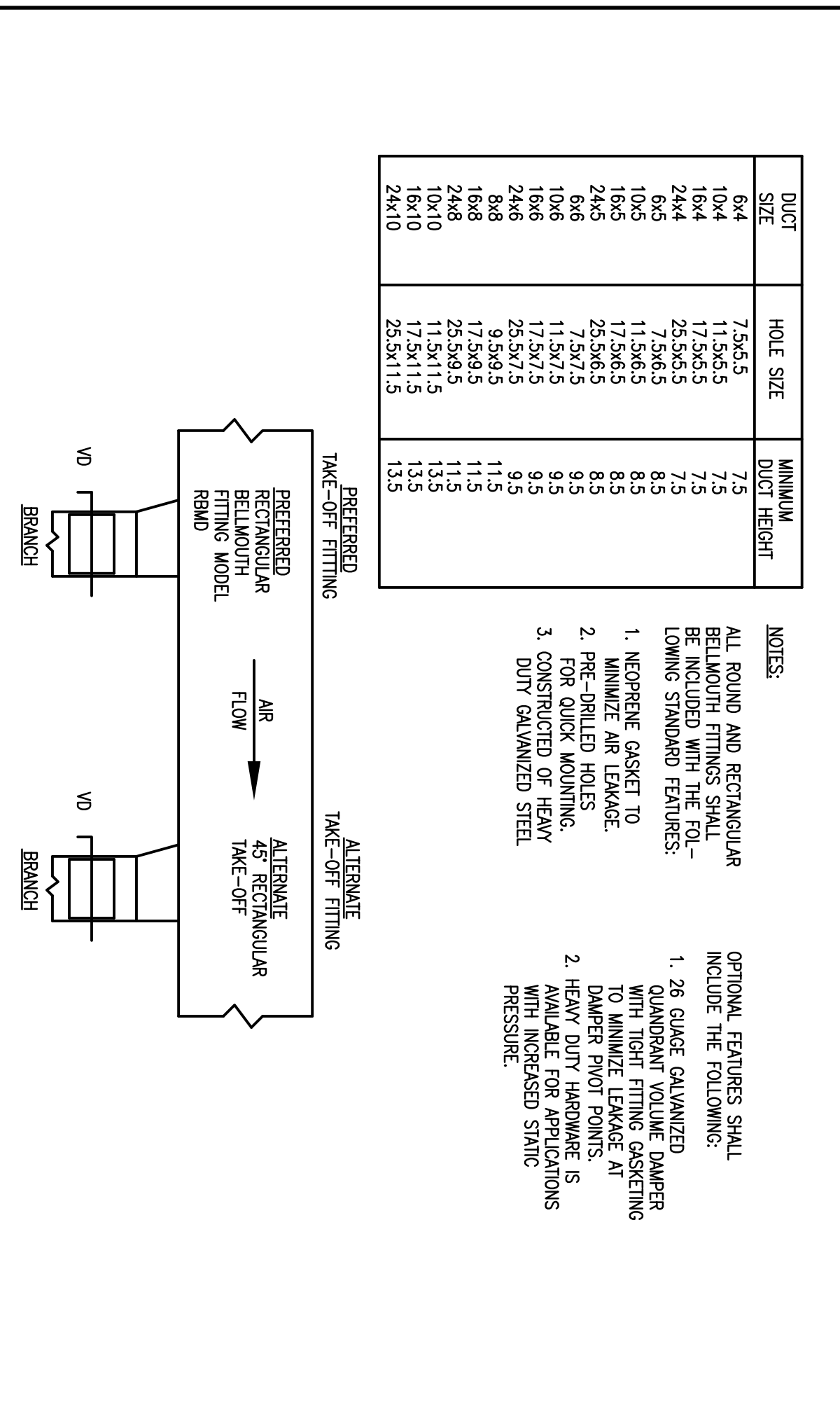
① FINISH TO BE APPROVED BY ARCHITECT.



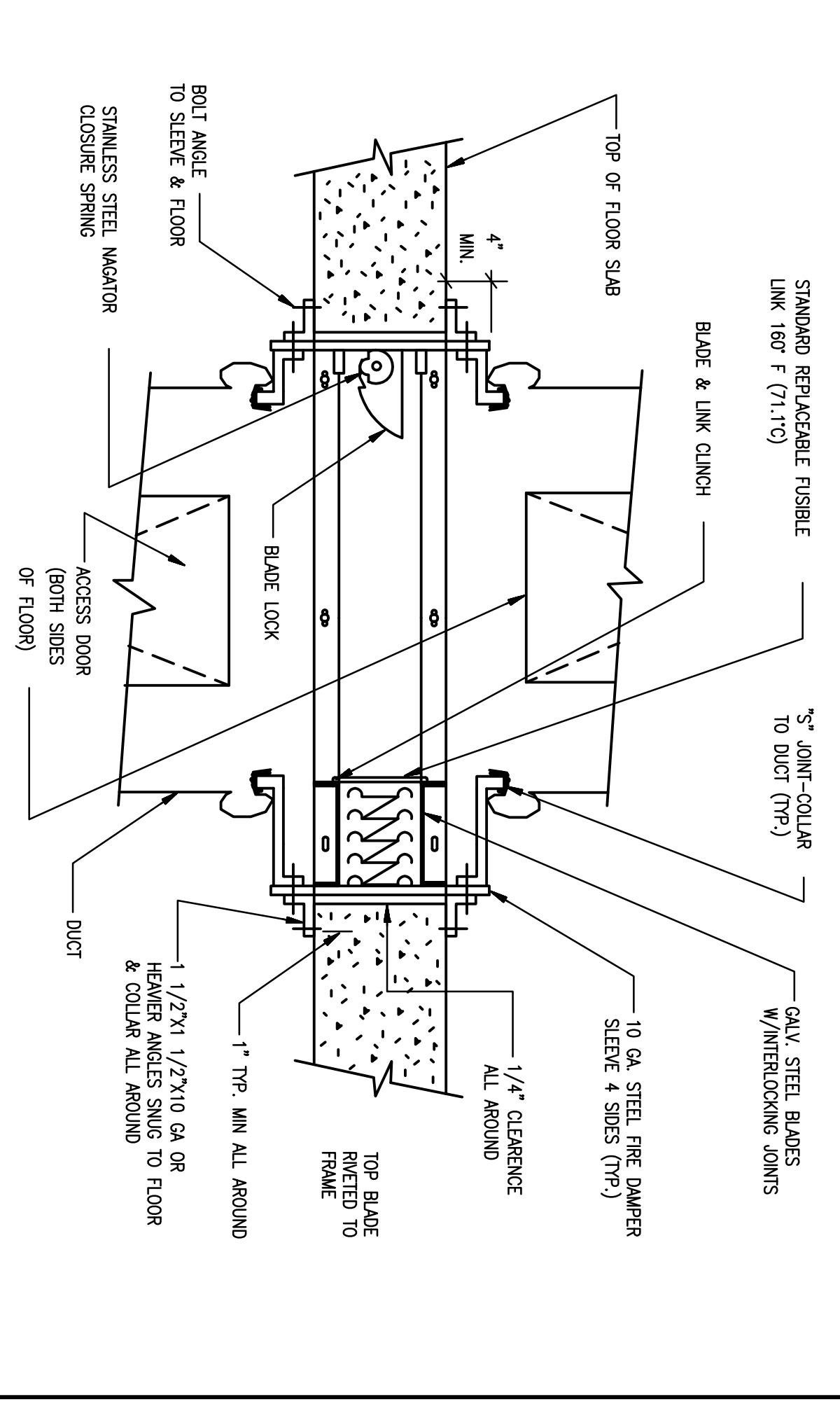
ROOF-MOUNTED KITCHEN EXHAUST FAN



ALTERNATE ROUND BRANCH DUCT TAKE-OFF DETAIL



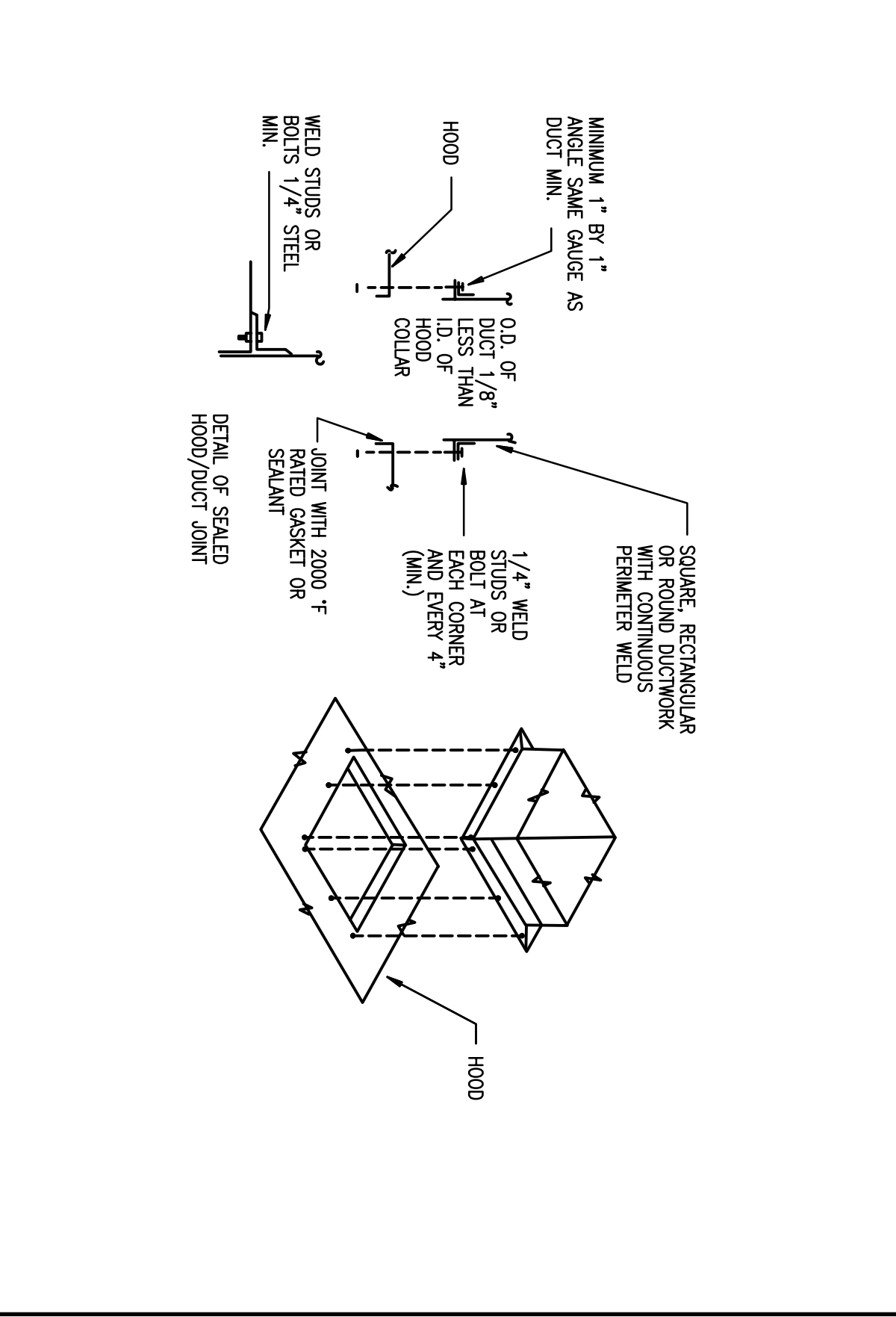
ALTERNATE RECTANGULAR BRANCH DUCT TAKE-OFF DETAIL



TYPICAL FIRE DAMPER DETAIL FOR VERTICAL AIR FLOW

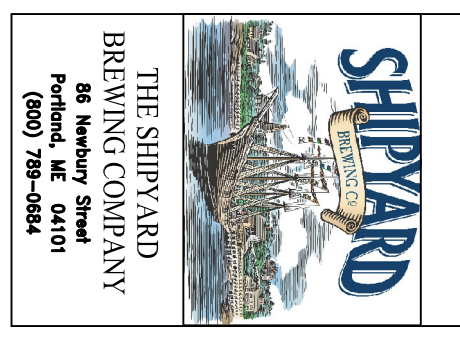
HVAC Equipment Designations	
SYMBOL	DESCRIPTION
	EQUIPMENT TAG DESIGNATION
	NOTE: THE HEXAGON SYMBOL SHALL BE USED FOR EQUIPMENT TAGS REQUIRING ELECTRICAL POWER HOOK-UP.
	EQUIPMENT TAG CPW AMOUNT
	NECK SIZE
	NOTE: THE SQUARE SYMBOL SHALL BE USED FOR EQUIPMENT TAGS NOT REQUIRING ELECTRICAL POWER.

HVAC Ductwork Symbols & Abbreviations	
SYMBOL	DESCRIPTION
	NEW PIPING, DUCTWORK, EQUIPMENT, ETC. (LINE WEIGHT)
	SUPPLY/OUTSIDE AIR DUCT UP
	RETURN/EXHAUST DUCT UP
	SUPPLY DIFFUSER
	RETURN/EXHAUST REGISTER
	MANUAL VOLUME DAMPER
	FIRE DAMPER
	CONNECT TO EXISTING
	THERMOSTAT
	SWITCH SERVING FAN
	ABOVE FINISHED FLOOR
	BRAKE HORSEPOWER
	BRITISH THERMAL UNIT
	CONDENSATE
	CUBIC FEET PER MINUTE
	CLEANOUT
	CONDENSATE PUMP
	DRY BULB TEMPERATURE °F
	DOWN
	EXHAUST GRILLE
	ENTERING WATER TEMPERATURE
	EXHAUST
	FULL LOAD AMPS
	FLOOR
	FEET PER MINUTE
	GENERAL CONTRACTOR
	HEAT PUMP/HORSE POWER
	LEAVING AIR TEMPERATURE
	LEAVING WATER TEMPERATURE
	LEAVING WATER TEMPERATURE THOUSAND BTU PER HOUR
	NOT TO SCALE
	NOT TO SCALE
	OK
	RETURN REGISTER
	REVOLUTIONS PER MINUTE
	STATIC PRESSURE (INCHES OF WATER)
	TYPICAL
	WET-BULB TEMPERATURE °F



EXHAUST DUCT CONNECTION TO KITCHEN HOOD

Item	Date



The Shipyard
 Main Terminal - Lower Level
 Portland International Jetport
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 Portland, ME 04102



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Job No: 07417
 Scale: As Noted
 Issued: 12/11/07

Mechanical Legend, Details, & Schedules