

METAL BAI	ın ¬	
SUPPORT MIN. WIDTI	TIE OFF TO	UME DAMPER SUPPLY — DUCT
5'-0" MAXIMUM — FLEX DUCT LENGTH		
	"R"	
	SCREW	TYPE OR NYLON
	"ZIP TIE" CLAMP,	MECHANICAL TYPICAL
	FLEX DUCT NOTES:	
	<ol> <li>FLEX DUCT SHOULD EXTEND STRAIGHT FOR SEVERAL INCHES FROM A CONNECTION BEFORE BENDING.</li> </ol>	<ol> <li>CLOSER MAXIMUM INTERVALS MAY BE SPECIFIED AS A CONDITION OF U.L. LISTING, PARTICULARLY IN FIRE RATED FLOOR/CEILING ASSEMBLIES.</li> </ol>
	FLEX DUCT SHALL HAVE MAXIMUM OF 1/2" SAG PER FOOT OF SUPPORT SPACING.	<ol> <li>MINIMUM BEND RADIUS (R) SHALL BE EQUAL TO OR GREATER THAN THE FLEX DUCT DIAMETER (D), TYPICAL</li> </ol>
	LAY-IN SUPPLY AIR DIFFUSER	T-BAR TYPE SUSPENDED CEILING

FLEXIBLE CONNECTION, TYPICAL

LAY-IN OR SURFACE MOUNT  $\,-\,$  GRILLE AS SCHEDULED.

NOTES:

1. VARIATIONS TO PLENUM HEIGHT DUE TO BUILDING STRUCTURE, ETC. SHALL BE APPROVED BY THE ENGINEER/ARCHITECT.

PAINT INSIDE OF PLENUM FLAT BLACK.

PLENUM WIDTH/LENGTH
SHALL MATCH SCHEDULED
GRILLE "NECK SIZE"

15855 - RETURN AIR REGISTER BOOT

15855 - SUPPLY AIR BRANCH CONNECTION

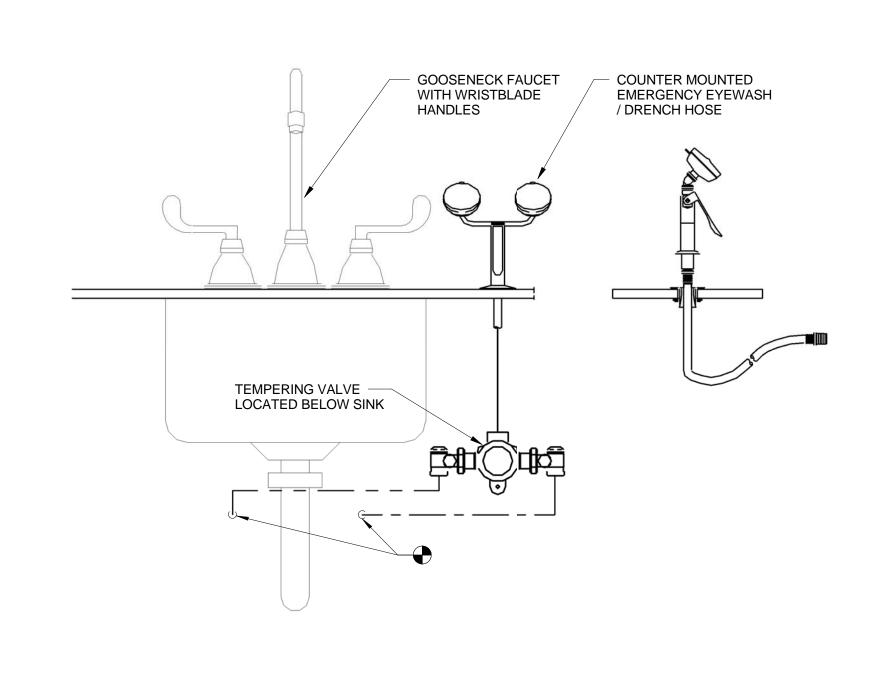
12" = 1'-0"

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VERTICAL DUCT CONNECTION

BRANCH DUCT CONNECTION AT TOP OR SIDE, TYPICAL

HORIZONTAL DUCT CONNECTION

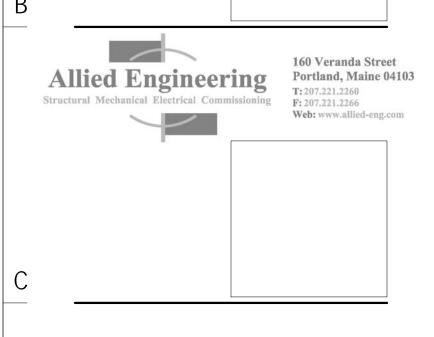


I1	EMERGENCY EYEWASH / DRENCH HOSE DETAIL	17	MECHANICAL & PLUMBING SCHEDULES
12" = 1'-0"		NOT TO SCALE	

	REGISTERS - GRILLES - DIFFUSERS (RGD) SCHEDULE										
TAG	PRICE MODEL	TYPE	DAMPER ?	NECK SIZE	FACE SIZE	CFM RANGE	MAX TOTAL P.D. (IN.W.C.)	MAX NC LEVEL	BORDER TYPE	BLOW	NOTES
S-1	SMX	SQ. CEILING SUPPLY DIFFUSER	NO	8" DIA	24" X 24"	101-280	0.10"	20	LAY-IN	4-WAY	9" X 9" NECK WITH 8" DIA RND. NECK ADAPTER
S-2	85	EGGCRATE	NO	24" X 24"	24" X 24"	15.400.000000			LAY-IN		
R-1	630	ALUM. RETURN, 3/4" SPACING, 45 DEG VANES	NO	12" X 18"	13.75" X19.75"	400-550	0.05"	20	SURFACE		MATCH EXIST. SIZE - FIELD CONFIRM

PLUMBING FIXTURE SCHEDULE							
TAC	TAG DESCRIPTION		BRANC	H SIZES	70.0	NOTES	
IAG			HW	VENT	WASTE	NOTES	
P-1	LAB SINK	1/2"	1/2"	1-1/2"	2"	WITH (2) FAUCETS	
DH-1	DECK MOUNT HAND-HELD EMERGENCY DRENCH HOSE	1/2"	1/2"			TEMPERING VALVE	





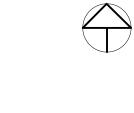


University of Southern Maine

Science Building Lab A203 Renovation

> 70 Falmouth Street Portland, ME 04104

NO.	<b>DESCRIPTION</b> ISSUED FOR PERMIT	<b>DATE</b> 03/17/201
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CONTENT:	
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DRAWN BY:	SCL
PROJECT NO:	16-005-00
DATE:	3/17/2016
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SCALE:	12" = 1'-0"
M-5	00
Project Phase	
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