EXPANSION TANK PERFORMANCE SCHEDULE

TAG	TANK VOLUME (GAL)	ACCEPTANCE VOLUME (GAL)	MIN. REQ'D. ACCEPT.VOL. (GAL)	MAX. WORK'G. TEMPERATURE (DEG F)	MAX. WORK'G. PRESSURE (PSI)	WEIGHT (LBS)	BASIS OF DESIGN = TACO		
							MOUNTING	SERVICE	MODEL
ET-1	22.0	12.0	8.0	240	125	150	FLOOR	DOM HW	PAX-84

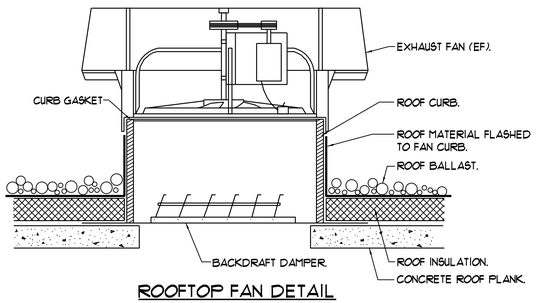
PLUMBING FIXTURE CONNECTION SCHEDULE

TAG	DESCRIPTION	SAN	VENT	CW	HW
P-1	FLUSH VALVE WATER CLOSET	3"	2"	1"	-
P-1A	ADA FLUSH VALVE WATER CLOSET	3"	2"	1"	-
P-2	URINAL	2"	1-1/2"	3/4"	-
P-3	ADA WALL HUNG LAVATORY	1-1/2"	1-1/2"	1/2"	1/2"
P-3A	ADA WALL HUNG LAVATORY	1-1/2"	1-1/2"	1/2"	1/2"
P-4	MOP BASIN	3"	2"	3/4"	3/4"
P-5	BI-LEVEL DRINKING FOUNTAIN	2"	1-1/2"	3/4"	3/4"
FD-1	FLOOR DRAIN	3"	2"	1/2" •	-
FS-1	FLOOR SINK	3"	2"	1/2" •	-

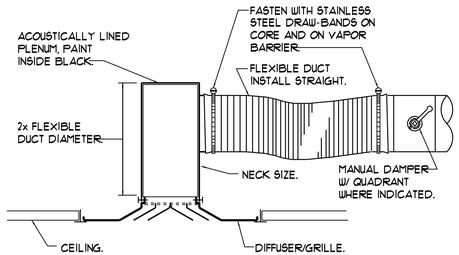
MINIMUM SIZE OF BELOW SLAB SANITARY & VENT PIPING SHALL BE 2".
• - FLOOR DRAINS SHALL HAVE TRAP PRIMER CONNECTION SERVED FROM NEAREST FIXTURE.

AIR DEVICE PERFORMANCE SCHEDULE

TAG	PANEL SIZE(IN)	NECK SIZE(IN)	AIRFLOW (CFM)	SP.LOSS (INWG.)	THROW(L)	Nc	BASIS OF DESIGN - METALAIRE		
							DUCT CONN(IN)	PATTERN	MODEL
A	24x24	6x6	100	0.05	-	25	SEE DWGS	SEE DWGS	5000D
B	24x24	9x9	250	0.05	-	25	SEE DWGS	SEE DWGS	5000D
C	24x24	12x12	450	0.05	-	25	SEE DWGS	SEE DWGS	5000D
D	-	18x6	450	0.05	-	25	SEE DWGS	SEE DWGS	RL-DA
AA	-	8x8	150	0.05	-	25	SEE DWGS	1/2", 45°	RHD
BB	-	14x14	500	0.05	-	25	SEE DWGS	1/2", 45°	RHD
CC	-	18x18	800	0.05	-	25	SEE DWGS	1/2", 45°	RHD
DD	-	30x24	3150	0.05	-	25	SEE DWGS	1/2", 45°	RHD
EE	-	24x24	1800	0.05	-	25	SEE DWGS	1/2", 45°	RHD

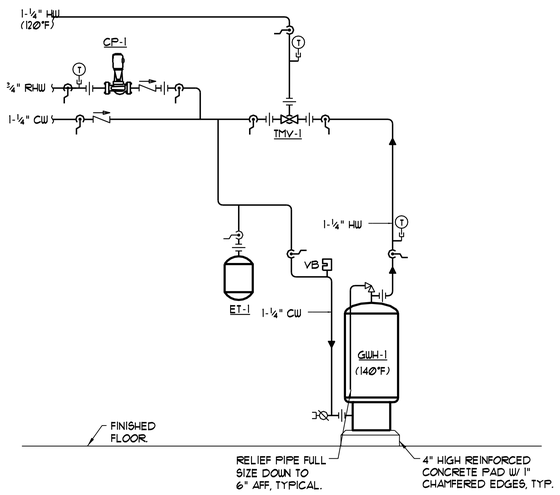


ROOFTOP FAN DETAIL
NTS
NOTE ROOF CONSTRUCTION MAY VARY.

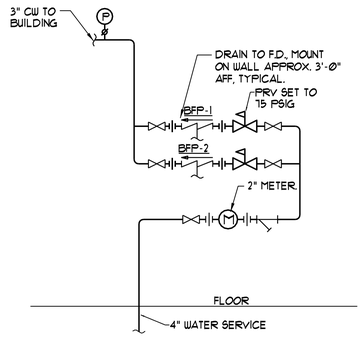


DIFFUSER/RETURN CONNECTION DETAIL
NTS

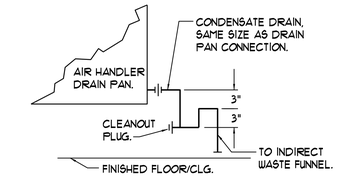
NOTE DETAIL TYPICAL FOR CEILING GRILLES, REGISTERS AND LINEAR DIFFUSERS. FOR SURFACE-MOUNT DEVICES, SUPPORT PLENUM FROM CEILING GRID WITH STEEL ANGLES FASTENED TO PLENUM.



DOMESTIC HOT WATER PIPING SCHEMATIC
NTS

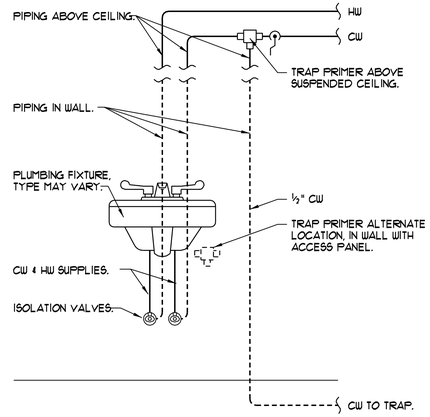


WATER ENTRANCE DETAIL
NTS



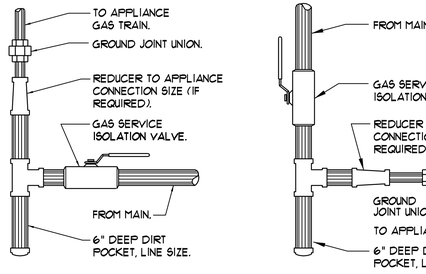
CONDENSATE TRAP DETAIL
NTS

NOTE - CAP UNUSED DRAIN PAN CONNECTIONS.



TRAP PRIMER CONNECTION DETAIL
NTS

NOTE - ALL FLOOR DRAINS SHALL HAVE TRAP PRIMERS, CONNECT TO NEAREST FIXTURE.

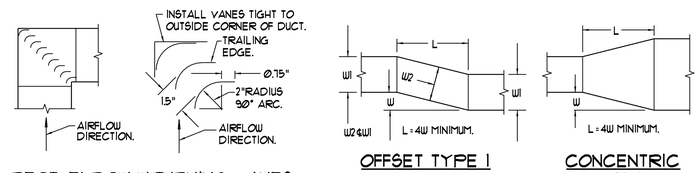


UPFEED GAS PIPING CONNECTION DETAIL
NTS

NOTE APPLIANCES WITH REGULATORS LOCATE PIPING SHOWN HEREIN UPSTREAM OF THE APPLIANCE REGULATOR. PROVIDE A TEST PLUG DOWNSTREAM OF THE APPLIANCE REGULATOR.

DOWNFEED GAS PIPING CONNECTION DETAIL
NTS

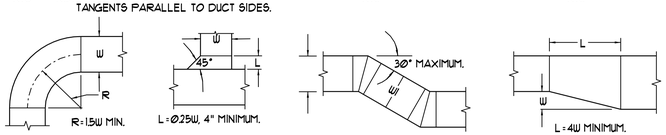
NOTE APPLIANCES WITH REGULATORS LOCATE PIPING SHOWN HEREIN UPSTREAM OF THE APPLIANCE REGULATOR. PROVIDE A TEST PLUG DOWNSTREAM OF THE APPLIANCE REGULATOR.



RECT. ELBOW W/TURNING VANES
NTS NOTE INSTALL VANE EDGES TO PROJECT TANGENTS PARALLEL TO DUCT SIDES.

OFFSET TYPE 1 (ANGLED)
NTS

CONCENTRIC TRANSITION
NTS



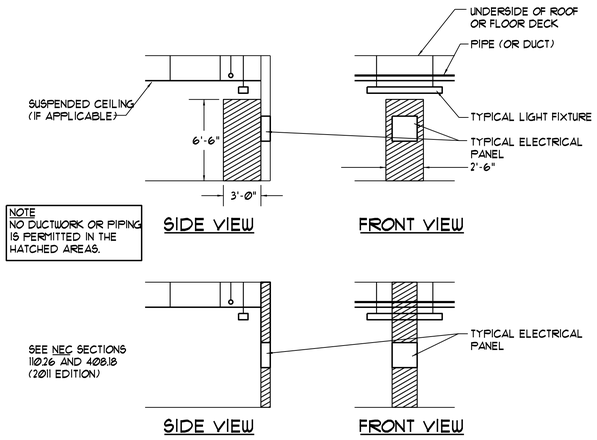
RADIUS ELBOW
NTS

RECTANGULAR TAP 45 DEGREE ENTRY
NTS

OFFSET TYPE 2 (MITERED)
NTS

ECCENTRIC TRANSITION
NTS

LOW PRESSURE DUCT CONSTRUCTION DETAILS - TYPICAL
NTS



CLEARANCES AT ELECTRICAL PANELS
NTS

STATE OF MAINE — SUPERVISOR OF THE SLATE — DEPT. OF PROFESSIONAL & FINANCIAL REGULATION — BOARD OF LICENSURE FOR PROFESSIONAL ENGINEERS — AUGUSTA, MAINE

Reviewed for Code Compliance — Inspections Services — City of Portland, Maine — Date: 11/22/16

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1	08/04/2016 ISSUED FOR PERMIT

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Date: 08-04-2016

MECHANICAL SCHEDULES AND DETAILS

M3.02