



UNIT PLUMBING DEMOLITION PLAN
SCALE - 1/4" = 1'-0"

- 1 REMOVE TOILET, PREPARE PIPING TO BE EXTENDED TO PROPOSED TOILET LOCATION.
- 2 REMOVE LAVATORY, PREPARE PIPING FOR INSTALLATION OF PROPOSED LAVATORY.
- 3 REMOVE BATHTUB, PREPARE PIPING FOR INSTALLATION OF PROPOSED SHOWER.
- 4 REMOVE SINK, PREPARE PIPING TO BE EXTENDED TO PROPOSED SINK LOCATION.
- 5 EXTEND EXISTING PIPING TO PROPOSED TOILET LOCATION.
- 6 CONNECT PROPOSED LAVATORY TO EXISTING PIPING.
- 7 MODIFY EXISTING PIPING AS REQUIRED FOR INSTALLATION OF SHOWER. NOTE - SHOWER CONTROLS SHALL BE INSTALLED ON THE BACK (LONG) WALL.
- 8 EXTEND EXISTING PIPING TO PROPOSED SINK LOCATION.



UNIT PLUMBING PLAN
SCALE - 1/4" = 1'-0"

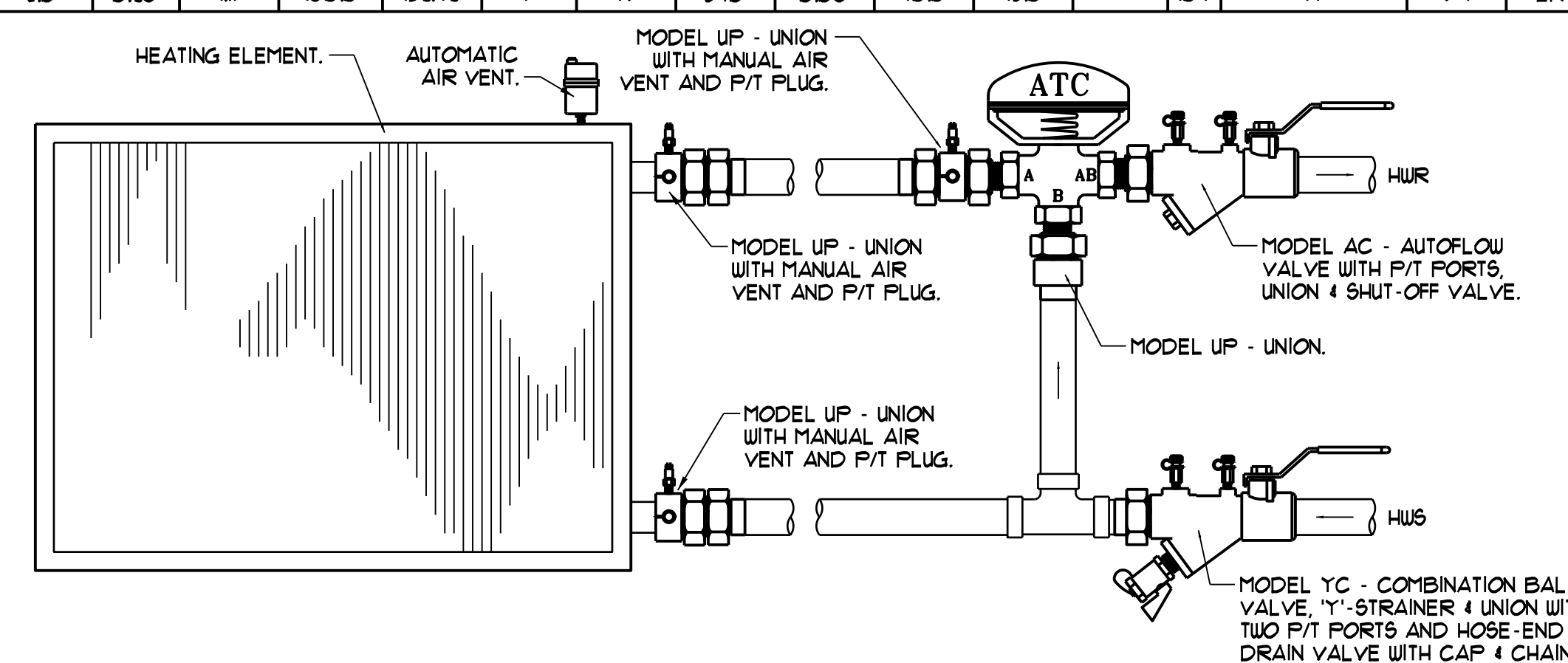
TAG	AIR STREAM	DUCT CONNECTIONS		UNIT AIRFLOW				WINTER RECOVERY	SUMMER RECOVERY	ELECTRICAL DATA			BASIS OF DESIGN - RENEWAIRE			
		ENTERING	LEAVING	CFM	E.S.P. (INWG)	T.S.P. (INWG)	HP			B.H.P.	PREHEAT KW	M.C.A.	BREAKER	VOLTAGE	WEIGHT (LBS)	ECM
ERV-1	SUPPLY	END	END	540	0.5	-	-	67%	58%	N/A	20.3	25	120/1/60	225	Y	HEIXNH-ECM
	EXHAUST	END	END	540	0.5	-	-									
ERV-2	SUPPLY	END	END	540	0.5	-	-	67%	58%	N/A	20.3	25	120/1/60	225	Y	HEIXNH-ECM
	EXHAUST	END	END	540	0.5	-	-									

TAG	OUTPUT (MBH)	COIL AREA (LxH)	FLOW RATE (GPM)	W/FD (FT.WG)	WATER VELOCITY (FPS)	E.W.T. (°F)	L.W.T. (°F)	R.O.U.S.	TURBS (Y/N)	HTG. AIR FLOW (CFM)	APD (INWG)	BASIS OF DESIGN - TRANE						
												EAT (°F)	LAT (°F)	FIN TYPE	FFF	MODEL	VALVE	SERVICE
HC-1	20.5	16x12	2.0	0.96	1.11	160.0	139.49	1	N	540	0.06	40.0	15.0	-	101	TT	V-1	ERV-1
HC-2	20.5	16x12	2.0	0.96	1.11	160.0	139.49	1	N	540	0.06	40.0	15.0	-	101	TT	V-1	ERV-2

TAG	AIRFLOW (CFM)	T.S.P. (INWG)	NOISE (SONES)	RPM	DRIVE	ELECTRICAL REQUIREMENTS					BASIS OF DESIGN - PANASONIC			
						HP	BHP	VFD	WATTS	AMPS	V/PH/Hz	SERVICE	ARRANGEMENT	MODEL
EF-1	130	0.25	-	917	DIRECT	-	-	N	215	0.12	120/1/60	TRASH RM EXHAUST	CEILING	FV-13VKS3
EF-2	100	0.25	-	1590	DIRECT	-	-	N	36	0.31	120/1/60	TOILET EXHAUST	INLINE	FV-10NLF1

TAG	AIR FLOW (CFM)	SP LOSS (INWG)	AIR VEL. (FPM)	SIZE (INCHES) (W x H)	FREE AREA (SQFT)	DRAINABLE (Y) OR (N)	BLADE ANGLE & FRAME DEPTH	BASIS OF DESIGN - RUSKIN	
								SERVICE	MODEL
L-1	540	0.05	545	20x16	0.99	Y	35°, 6"	ERV-1 EXHAUST	ELF6315DX
L-2	540	0.05	545	20x16	0.99	Y	35°, 6"	ERV-1 INTAKE	ELF6315DX
L-3	540	0.05	545	20x16	0.99	Y	35°, 6"	ERV-2 INTAKE	ELF6315DX
L-4	540	0.05	545	20x16	0.99	Y	35°, 6"	ERV-2 EXHAUST	ELF6315DX

TAG	FLOW RATE (GPM)	Cv	VALVE SIZE (IN)	TYPE	SERVICE
V-1	2.0	2.0	1/2"	3-WAY, MIXING	HC-1



NTS
AUTOFLOW VALVE PIPING SCHEMATIC W/ 3-WAY VALVE

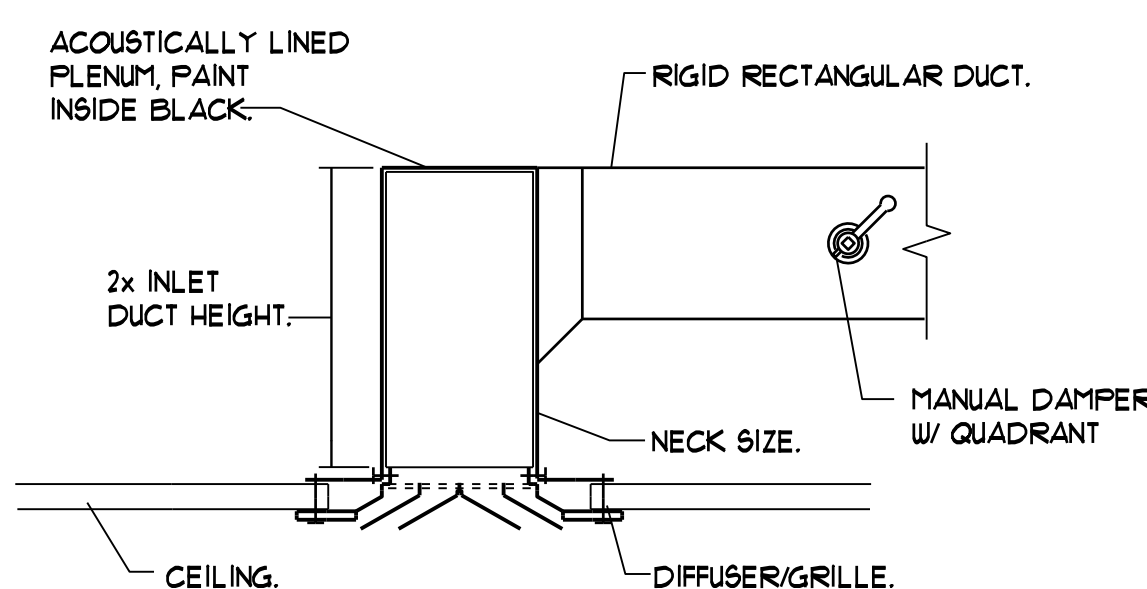
NOTE - MODEL NUMBERS BASED ON FLOW DESIGN INC. FOR PIPE SIZES 2" AND SMALLER.
NOTE - DETAIL APPLIES TO HEATING COILS (HC-*) AS NOTED BY THE CONTROL VALVE SCHEDULE

TAG	PANEL SIZE (IN)	NECK SIZE (IN)	AIRFLOW (CFM)	SPLOSS (INWG)	THROU(L)	THROU(S)	Nc	BASIS OF DESIGN - METALAIR		
								DUCT CONN.(IN)	PATTERN	MODEL
(A)	24x24	9x9	180	0.05	-	-	15	SEE DWGS	SEE DWGS	5000D
(AA)	14x14	14x14	540	0.05	-	-	15	SEE DWGS	3/4", 45°	RHD

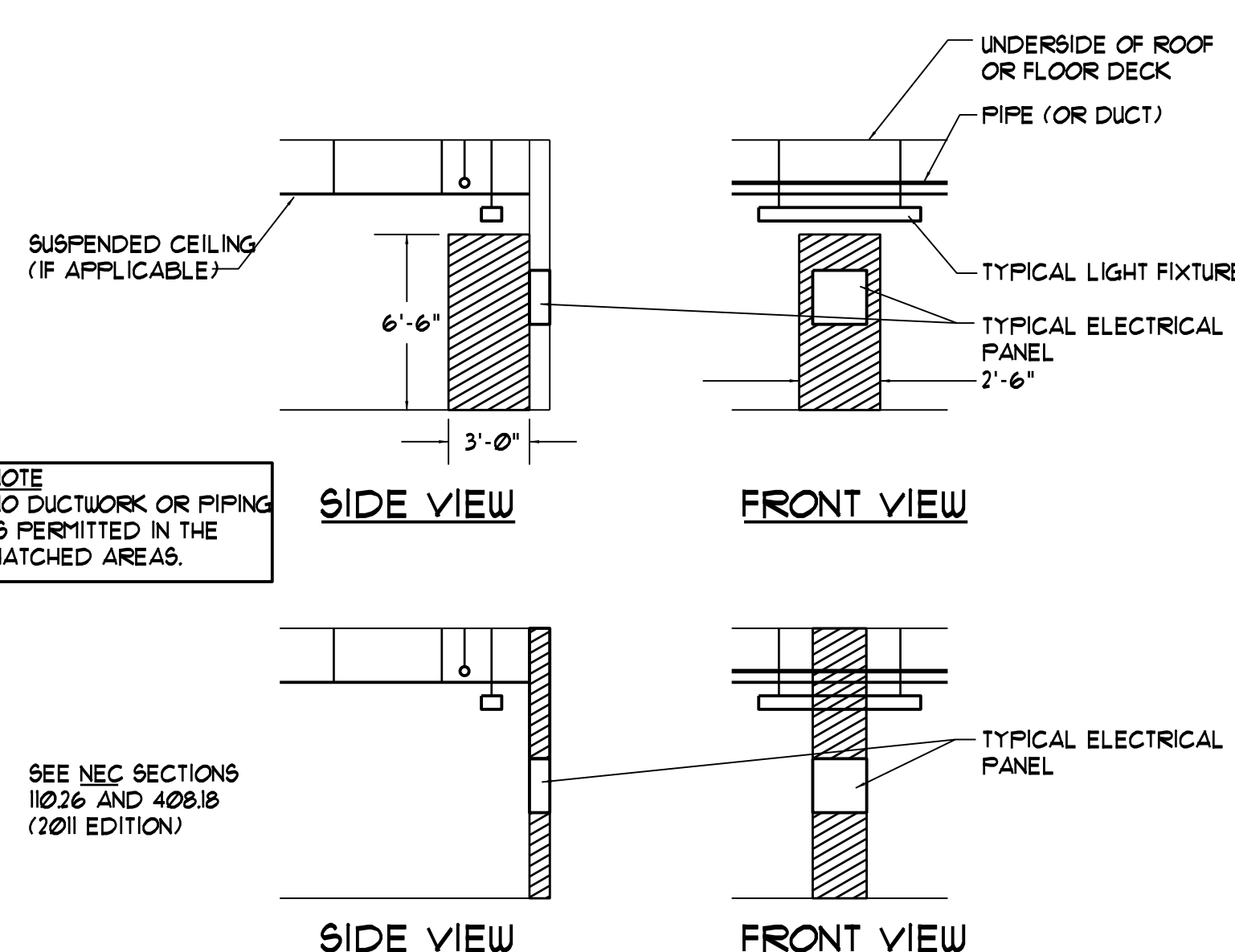
PROVIDE ALL AIR DEVICES WITH OPPOSED BLADE DAMPERS.

TAG	DESCRIPTION	SAN	VENT	CW	HW
P-1	ADA FLOOR MOUNTED TT WC	3"	2"	1/2"	-
P-2	ADA WALL HUNG LAVATORY	2"	1-1/2"	1/2"	1/2"
P-3	ADA SHOWER	2"	1-1/2"	1/2"	1/2"
P-4	ADA SINGLE BOWL SS KITCHEN SINK	2"	1-1/2"	1/2"	1/2"

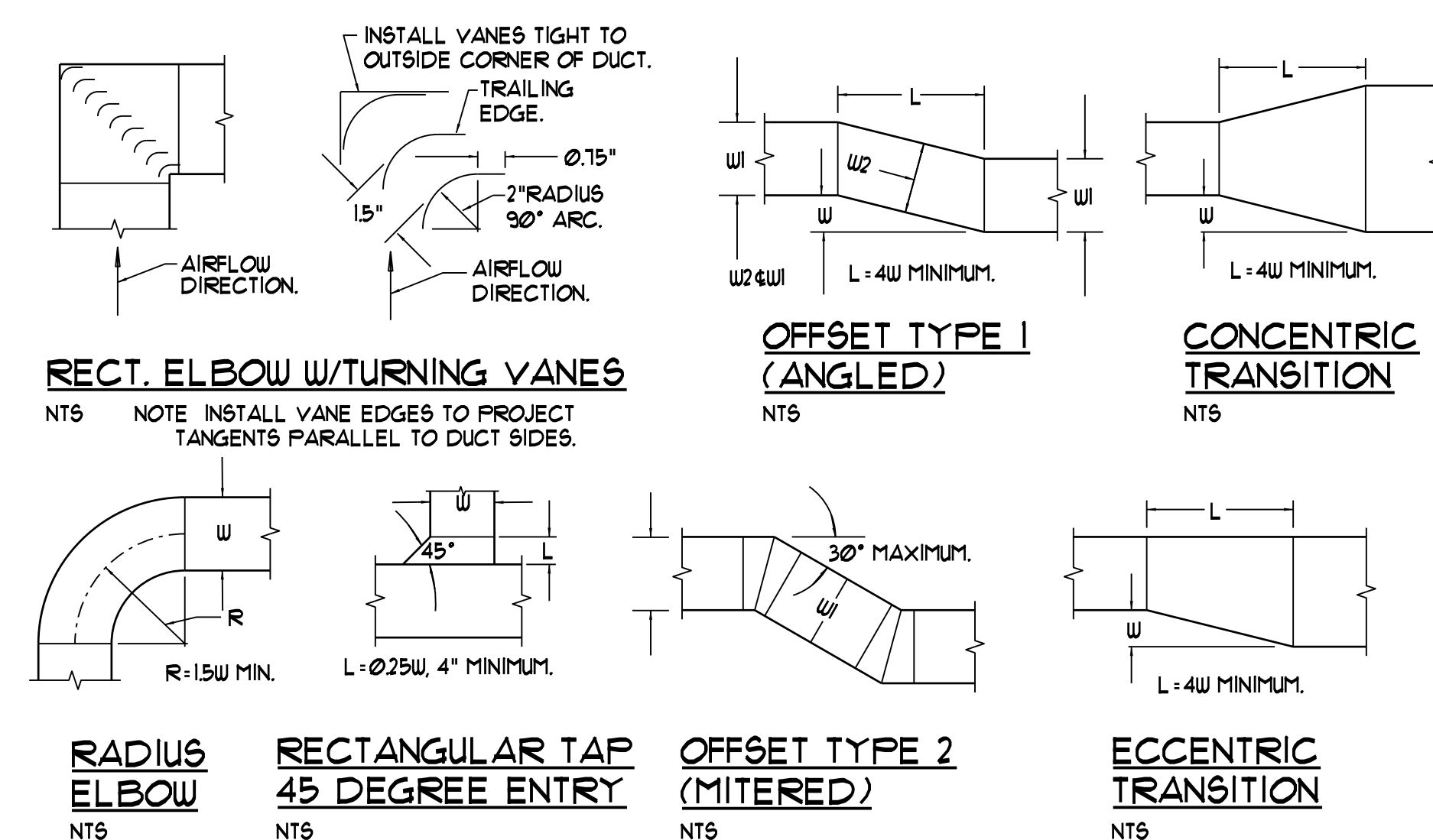
- 2" DRAIN ELBOW ABOVE FLOOR.



DIFFUSER/GRILLE CONNECTION DETAIL
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CLEARANCES AT ELECTRICAL PANELS
NTS



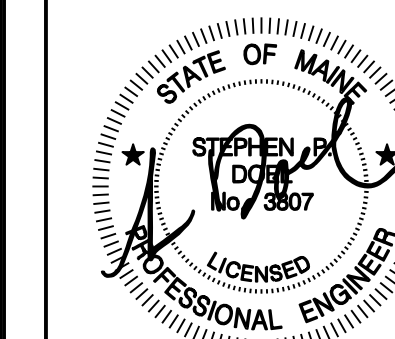
LOW PRESSURE DUCT CONSTRUCTION DETAILS - TYPICAL
NTS

RC & A

Richard Curtis & Associates

PO Box 9739-1150
Portland, ME 04104-5039
Phone: (207)797-6300
Fax: (207)797-6303
rcurtisassociates@me.rr.com

BENNETT ENGINEERING
MECHANICAL • ELECTRICAL
(207) 855-9475



Owner:
DIOCESAN BUREAU OF HOUSING

800 FOREST AVE
PORTLAND, ME

Contractor:
DICON CONSTRUCTION

510 OCEAN AVE
Portland, ME

Project:
RENOVATIONS TO DEERING PAVILION

800 FOREST AVE
PORTLAND, ME

Project No: 12404

Drawing Title:
MECHANICAL SCHEDULES AND APARTMENT MECHANICAL PLAN
Scale: As Noted
Date: 1 December 2014
Revision Dates:

Drawing Number:

M2