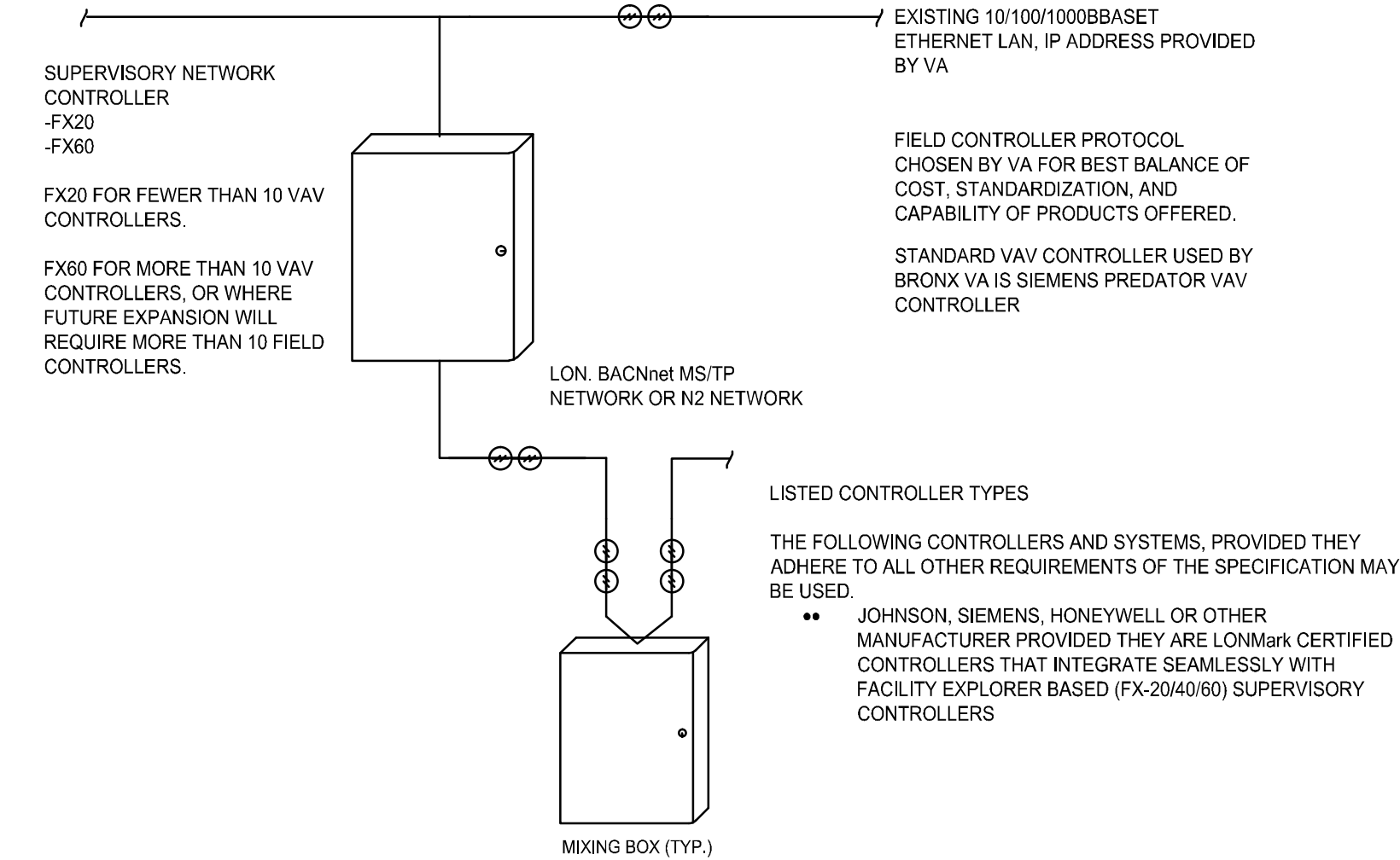
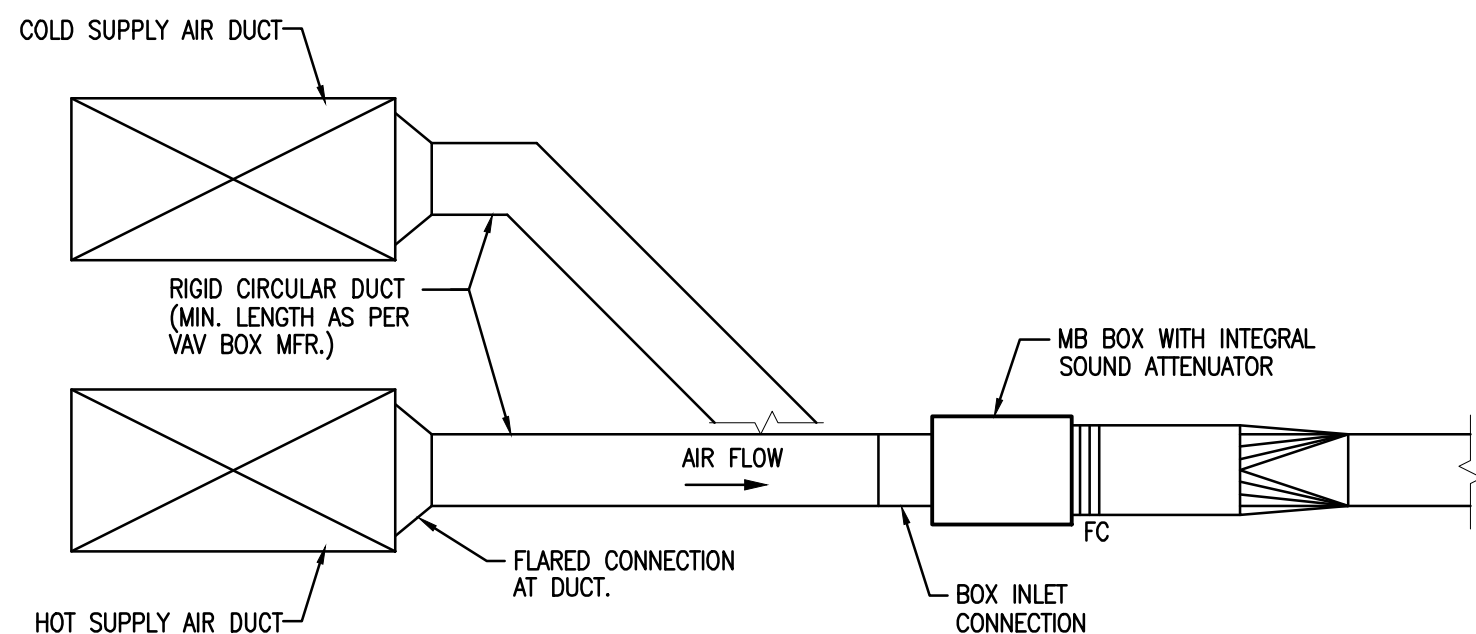


three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
three eighths inch = one foot
one half inch = one foot
one quarter inch = one foot
one eighth inch = one foot

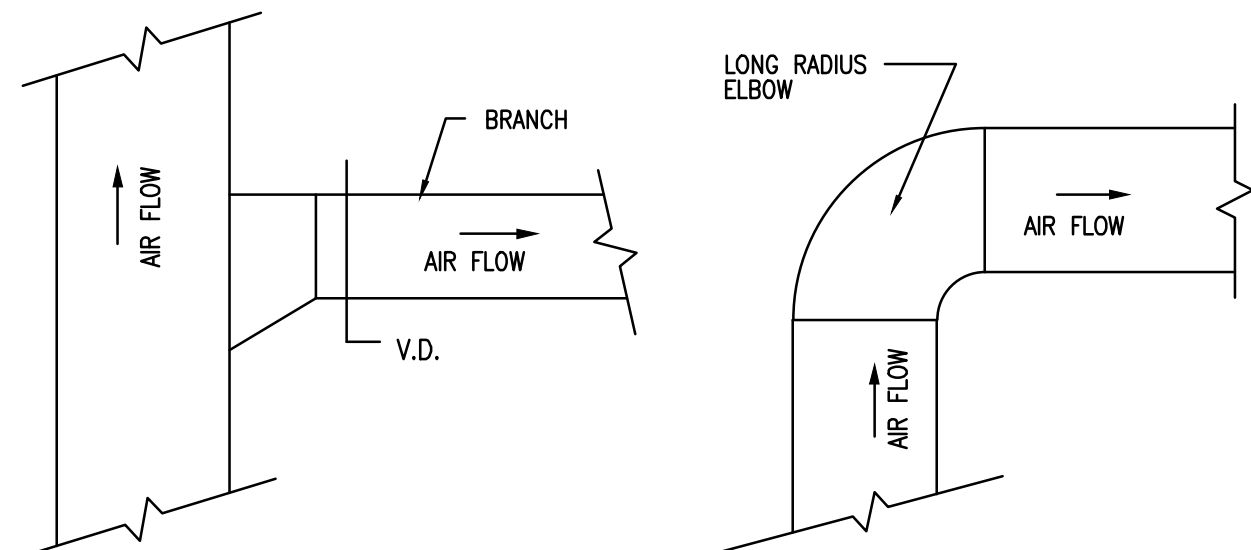
MIXING BOX SCHEDULE							(TRANE AS STANDARD)
TAG No.	AREA SERVED	CFM	NK SIZE HOT	NK SIZE COLD	ELECTRICAL V/PH/Hz	MODEL & MANUFACTURER	REMARKS
MB 2B-1	SCREENING/BLOOD DONOR	450	8	8	115/1/60	VDDF TRANE	PROVIDED WITH CONTROL TRANSFORMER, DDC CONTROL PACKAGE WITH WALL MOUNTED THERMOSTAT BY CONTROLS CONTRACTOR, INTEGRAL SOUND ATTENUATOR, & DISCONNECT SWITCH.
MB 2B-2	ADMIN OFFICE/ B.B. CONSULT. OFFICE	550	8	8	115/1/60	VDDF TRANE	PROVIDED WITH CONTROL TRANSFORMER, DDC CONTROL PACKAGE WITH WALL MOUNTED THERMOSTAT BY CONTROLS CONTRACTOR, INTEGRAL SOUND ATTENUATOR, & DISCONNECT SWITCH.
MB 2B-3	REFRIGERATION AREA	700	8	8	115/1/60	VDDF TRANE	PROVIDED WITH CONTROL TRANSFORMER, DDC CONTROL PACKAGE WITH WALL MOUNTED THERMOSTAT BY CONTROLS CONTRACTOR, INTEGRAL SOUND ATTENUATOR, & DISCONNECT SWITCH.
MB 2B-4	GLASSWASH	1350	12	12	115/1/60	VDDF TRANE	PROVIDED WITH CONTROL TRANSFORMER, DDC CONTROL PACKAGE WITH WALL MOUNTED THERMOSTAT BY CONTROLS CONTRACTOR, INTEGRAL SOUND ATTENUATOR, & DISCONNECT SWITCH.
MB 2B-5	GLASSWASH	1350	12	12	115/1/60	VDDF TRANE	PROVIDED WITH CONTROL TRANSFORMER, DDC CONTROL PACKAGE WITH WALL MOUNTED THERMOSTAT BY CONTROLS CONTRACTOR, INTEGRAL SOUND ATTENUATOR, & DISCONNECT SWITCH.
MB 2B-6	CORRIDOR	475	8	8	115/1/60	VDDF TRANE	PROVIDED WITH CONTROL TRANSFORMER, DDC CONTROL PACKAGE WITH WALL MOUNTED THERMOSTAT BY CONTROLS CONTRACTOR, INTEGRAL SOUND ATTENUATOR, & DISCONNECT SWITCH.
MB 2B-7	ELECTRIC ROOM / STORAGE	410	8	8	115/1/60	VDDF TRANE	PROVIDED WITH CONTROL TRANSFORMER, DDC CONTROL PACKAGE WITH WALL MOUNTED THERMOSTAT BY CONTROLS CONTRACTOR, INTEGRAL SOUND ATTENUATOR, & DISCONNECT SWITCH.
MB 2B-8	B.B. DIR. OFFICE/ B.B. STORAGE	325	8	8	115/1/60	VDDF TRANE	PROVIDED WITH CONTROL TRANSFORMER, DDC CONTROL PACKAGE WITH WALL MOUNTED THERMOSTAT BY CONTROLS CONTRACTOR, INTEGRAL SOUND ATTENUATOR, & DISCONNECT SWITCH.
MB 2B-9	LAB / ACCESSIONING	995	10	10	115/1/60	VDDF TRANE	PROVIDED WITH CONTROL TRANSFORMER, DDC CONTROL PACKAGE WITH WALL MOUNTED THERMOSTAT BY CONTROLS CONTRACTOR, INTEGRAL SOUND ATTENUATOR, & DISCONNECT SWITCH.
MB 2B-10	REAGENT REFRIG/ BULK STOR	615	8	8	115/1/60	VDDF TRANE	PROVIDED WITH CONTROL TRANSFORMER, DDC CONTROL PACKAGE WITH WALL MOUNTED THERMOSTAT BY CONTROLS CONTRACTOR, INTEGRAL SOUND ATTENUATOR, & DISCONNECT SWITCH.
MB 2B-11	SUPPLY & PREP	1150	10	10	115/1/60	VDDF TRANE	PROVIDED WITH CONTROL TRANSFORMER, DDC CONTROL PACKAGE WITH WALL MOUNTED THERMOSTAT BY CONTROLS CONTRACTOR, INTEGRAL SOUND ATTENUATOR, & DISCONNECT SWITCH.
MB 2B-12	SUPERVISOR/ STORAGE	175	5	5	115/1/60	VDDF TRANE	PROVIDED WITH CONTROL TRANSFORMER, DDC CONTROL PACKAGE WITH WALL MOUNTED THERMOSTAT BY CONTROLS CONTRACTOR, INTEGRAL SOUND ATTENUATOR, & DISCONNECT SWITCH.
MB 2B-13	BLOOD BANK	630	8	8	115/1/60	VDDF TRANE	PROVIDED WITH CONTROL TRANSFORMER, DDC CONTROL PACKAGE WITH WALL MOUNTED THERMOSTAT BY CONTROLS CONTRACTOR, INTEGRAL SOUND ATTENUATOR, & DISCONNECT SWITCH.
MB 2B-14	LAB	1200	12	12	115/1/60	VDDF TRANE	PROVIDED WITH CONTROL TRANSFORMER, DDC CONTROL PACKAGE WITH WALL MOUNTED THERMOSTAT BY CONTROLS CONTRACTOR, INTEGRAL SOUND ATTENUATOR, & DISCONNECT SWITCH.
MB 2B-15	LAB	795	8	8	115/1/60	VDDF TRANE	PROVIDED WITH CONTROL TRANSFORMER, DDC CONTROL PACKAGE WITH WALL MOUNTED THERMOSTAT BY CONTROLS CONTRACTOR, INTEGRAL SOUND ATTENUATOR, & DISCONNECT SWITCH.
MB 2B-16	LAB	800	8	8	115/1/60	VDDF TRANE	PROVIDED WITH CONTROL TRANSFORMER, DDC CONTROL PACKAGE WITH WALL MOUNTED THERMOSTAT BY CONTROLS CONTRACTOR, INTEGRAL SOUND ATTENUATOR, & DISCONNECT SWITCH.
MB 2B-17	LAB	800	8	8	115/1/60	VDDF TRANE	PROVIDED WITH CONTROL TRANSFORMER, DDC CONTROL PACKAGE WITH WALL MOUNTED THERMOSTAT BY CONTROLS CONTRACTOR, INTEGRAL SOUND ATTENUATOR, & DISCONNECT SWITCH.
MB 2B-18	LAB	800	8	8	115/1/60	VDDF TRANE	PROVIDED WITH CONTROL TRANSFORMER, DDC CONTROL PACKAGE WITH WALL MOUNTED THERMOSTAT BY CONTROLS CONTRACTOR, INTEGRAL SOUND ATTENUATOR, & DISCONNECT SWITCH.
MB 2B-19	LAB/ SUPERVISOR	845	10	10	115/1/60	VDDF TRANE	PROVIDED WITH CONTROL TRANSFORMER, DDC CONTROL PACKAGE WITH WALL MOUNTED THERMOSTAT BY CONTROLS CONTRACTOR, INTEGRAL SOUND ATTENUATOR, & DISCONNECT SWITCH.
MB 2B-20	LAB	800	8	8	115/1/60	VDDF TRANE	PROVIDED WITH CONTROL TRANSFORMER, DDC CONTROL PACKAGE WITH WALL MOUNTED THERMOSTAT BY CONTROLS CONTRACTOR, INTEGRAL SOUND ATTENUATOR, & DISCONNECT SWITCH.
MB 2B-21	LAB DIR. OFFICE	290	6	6	115/1/60	VDDF TRANE	PROVIDED WITH CONTROL TRANSFORMER, DDC CONTROL PACKAGE WITH WALL MOUNTED THERMOSTAT BY CONTROLS CONTRACTOR, INTEGRAL SOUND ATTENUATOR, & DISCONNECT SWITCH.
MB 2B-22	SERVERS / SUPPLIES	420	8	8	115/1/60	VDDF TRANE	PROVIDED WITH CONTROL TRANSFORMER, DDC CONTROL PACKAGE WITH WALL MOUNTED THERMOSTAT BY CONTROLS CONTRACTOR, INTEGRAL SOUND ATTENUATOR, & DISCONNECT SWITCH.
NOTES: 1. THE CONTRACTOR SHALL HAVE THE OPTION OF PROVIDING ONE (1) CONTROL TRANSFORMER FOR UP TO SIX (6) MIXING BOXES. INSTEAD OF PROVIDING CONTROL TRANSFORMER FOR EACH MIXING BOX, UNLESS OTHERWISE NOTED AS FACTORY SUPPLIED AND INSTALLED. 2. TRANSFORMERS FOR ALL MIXING BOXES SHALL BE PROVIDED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR. 3. ALL MIXING BOXES SHALL BE ACOUSTICALLY LINED WITH 1" IAO LINER.							



NETWORK SYSTEM ARCHITECTURE
AND ACCEPTABLE CONTROLLER TYPES



CONSTANT VOLUME MIXING BOX CONNECTION DETAIL
N.T.S.



DUCT TURNS & TAKE-OFFS
N.T.S.

DESIGN APPROVED W/ COMMENT:	CONSULTANTS:	ARCHITECT/ENGINEERS:	Drawing Title MECHANICAL SCHEDULES & DETAILS Approved Project Director	Project Title LABORATORY RENOVATION 100% CD SUBMISSION NK Job Number: 1925400 LAN Job Number 41160.03 Location BRONX, NY Date 03/09/11 Checked SS Drawn EK	Project Number 526-09-122 Building Number 100 Drawing Number MH 003 Dwg. of	Office of Facilities Management Department of Veterans Affairs
	LAN ASSOCIATES engineering • planning • architecture • surveying 252 MAIN STREET, GOSHEN, NEW YORK 10924 (845)615-0350	NADAKAY KOPELSON ARCHITECTS ARCHITECTURE ENGINEERING PLANNING INTERIORS 89 MADISON STREET, HOBOKEN, NJ 07030 T. (201) 526-5500 F. (201) 526-5505 114 JERSEY STREET, NEW YORK, NY 10008 T. (212) 463-7000 F. (212) 463-8111				