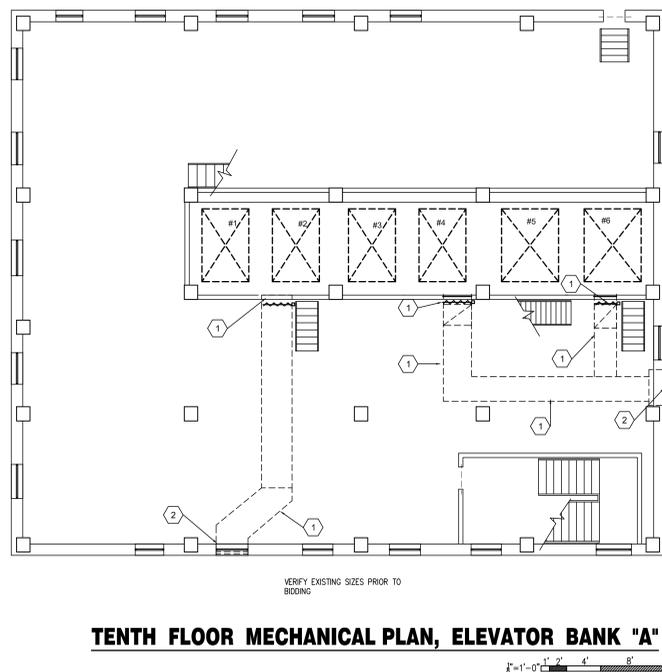
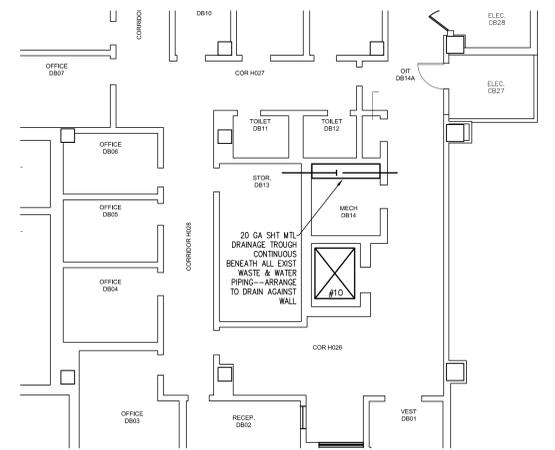
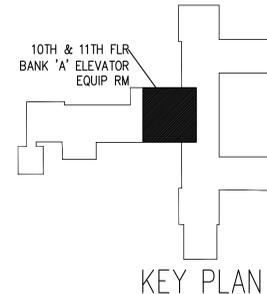


SYMBOL SCHEDULE					
MARK	DESCRIPTION	MARK	DESCRIPTION	MARK	DESCRIPTION
W	WASTE PIPING (W)	AV	AIR VENT	FSD	FIRE & SMOKE DPR
RLP	RAIN LEADER PIPING	BV	BALL VALVE	FD	FIRE DAMPER (FDR)
CW	COLD WATER PIPING (CW)	FD	FLOOR DRAIN	CRD	CEILING RADIATION DAMPER
HW	HOT WATER PIPING (HW)	VR	VENT THRU ROOF	WPL	WEATHERPROOF LOUVER
HRP	HOT WATER RECIRCULATING PIPING	TP	TRAP PRIMER CONNECTION	RAG	RETURN AIR GRILLE
PLV	PLUMBING VENT (V)	CE	CONNECT TO EXISTING	SR	SUPPLY REGISTER
CD	CONDENSATE DRAIN (CD)	MC	MECHANICAL CONTRACTOR	ER	EXHAUST REGISTER
GP	GAS PIPING	GC	GENERAL CONTRACTOR	EC	EXHAUST GRILLE
GV	GATE VALVE	EC	ELECTRICAL CONTRACTOR	CD	CEILING DIFFUSER
CV	CHECK VALVE	TCC	TEMPERATURE CONTRACTOR	CD	CURVED BLADE DIFFUSER
BV	BALANCING VALVE	SA	SUPPLY AIR DUCT	(T)	THERMOSTAT
GC	GAS COCK	RA	RETURN AIR DUCT	CWS	CHILLED WATER SUPPLY
UN	UNION	OA	OUTSIDE AIR DUCT	CWR	CHILLED WATER RETURN
WH	WALL HYDRANT	EA	EXHAUST AIR DUCT	CWR	CHILLED WTR REVERSE RET
CO	CLEANOUT	MD	MANUAL DAMPER (MD)	HWS	HOT WATER SUPPLY
STR	STRAINER	OT	OVERRIDE TIMER	HWR	HOT WATER RETURN
		\$	SPEED SWITCH	HWR	HOT WATER REVERSE RET

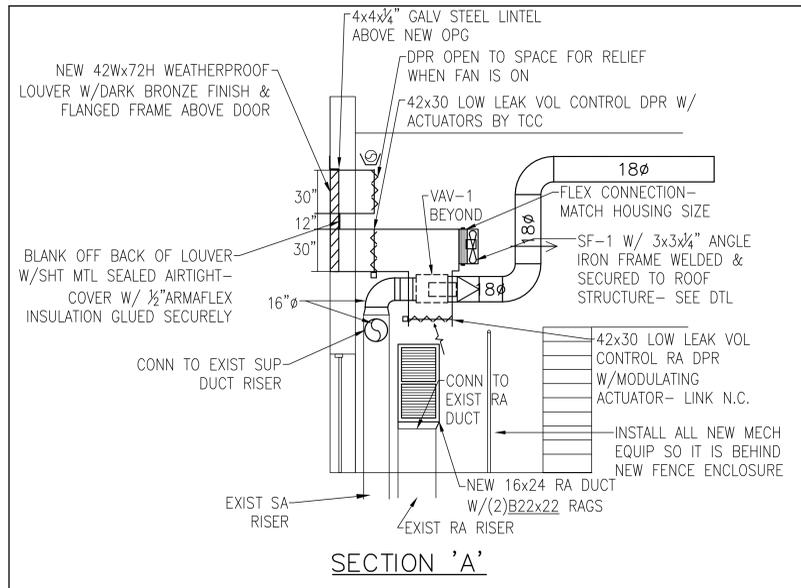
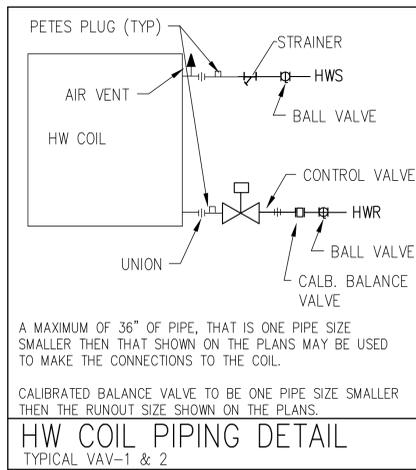
NOTE:



- PLAN NOTES:
- REMOVE EXISTING ELEVATOR SHAFT VENTILATION DUCT, DAMPERS AND CONTROLS (HOISTWAY OPENING TO BE INFILLED W/MASONRY FOR 2-HR FIRE RATING)
 - EXISTING LOUVER TO REMAIN-- COVER INSIDE OF LOUVER WITH SHEET METAL & SEAL AIRTIGHT-- INSULATE BACK OF LOUVER W/1/2" ARMAFLEX



CONSULTANTS: VAN DEUSEN and ASSOCIATES, VERTICAL TRANSPORTATION CONSULTANTS DUDLEY WILLIAMS and ASSOCIATES, PA JOHNSON ENGINEERING	ARCHITECT/ENGINEERS: Mechanical Consultants 236 LAURA WICHITA, KANSAS 67211 (316) 265-5301 engr@mciks.com	Drawing Title 10th & 11th FLR MECHANICAL PLAN ELEVATOR BANK "A"	Project Title REPLACE MECHANICAL CONTROLS and UPGRADE CABS, MAIN ELEVATORS	Project Number 657-15-200JC Building Number 01	Department of Veterans' Affairs Medical Center John Cochran Division
		Approved Project Director	Location VAMC - ST. LOUIS, MISSOURI - JC	Drawing Number 1-M101 100% REVIEW SET	
Revisions	Date	Date OCTOBER 25, 2016	Checked BP	Drawn JM	



DIFFUSER & GRILLE SCHEDULE

MARK	STYLE	DAMPER	REMARKS	PRICE MODEL #
A	SR ②	---		730H
A	RAG ②	---		630 DAL

MARK: CD-CEILING DIFF, SR-C-CURVED SUPPLY REG, RAG-RETURN AIR GR, A-SIZE #WAYS, SR-SUPPLY REG, EG-EXHAUST REG, CFM, FR-FLOOR REG, FR-FLOOR REG, FRAG-FILTER RAG

1 EQUAL BY KIND, PRICE OR TITUS
2 ALL ALUM CONSTRUCTION

SUPPLY FAN SCHEDULE

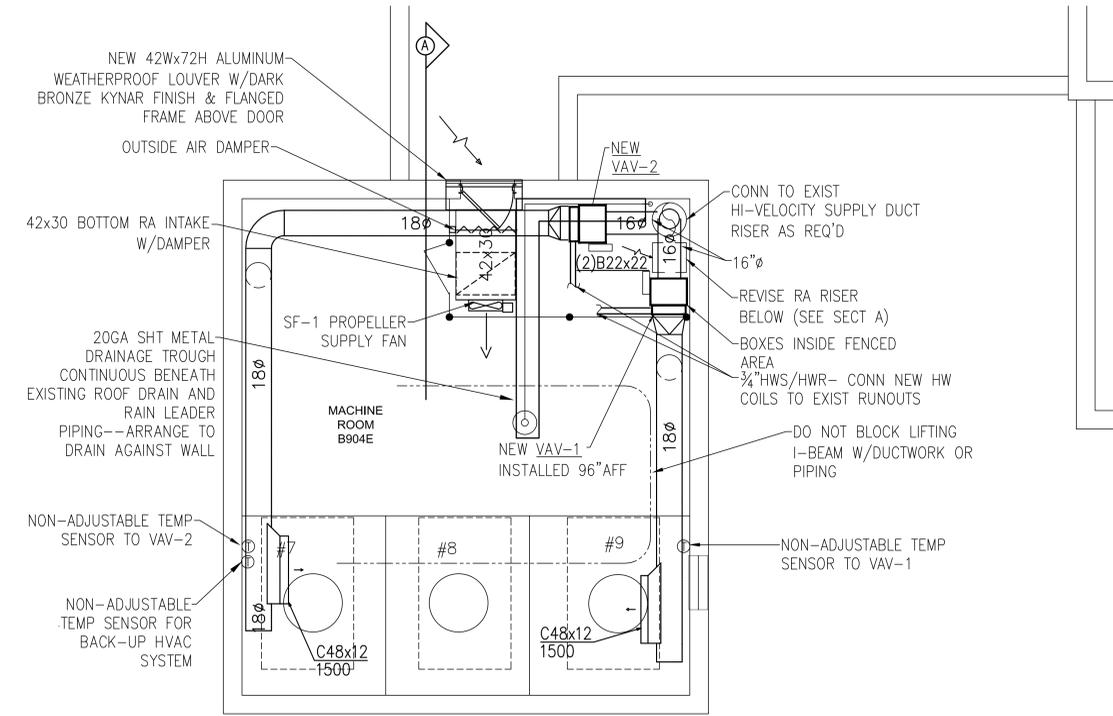
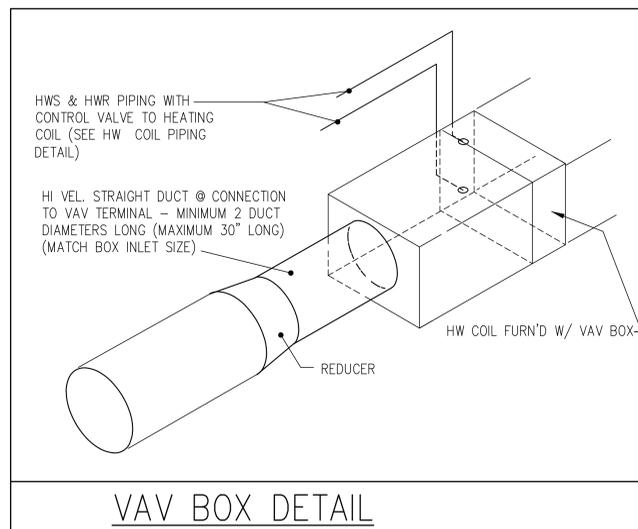
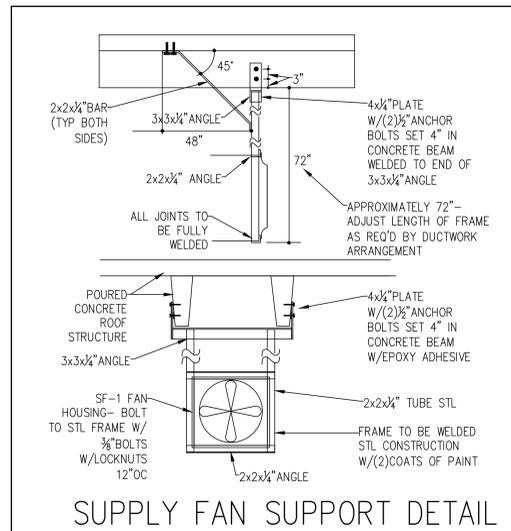
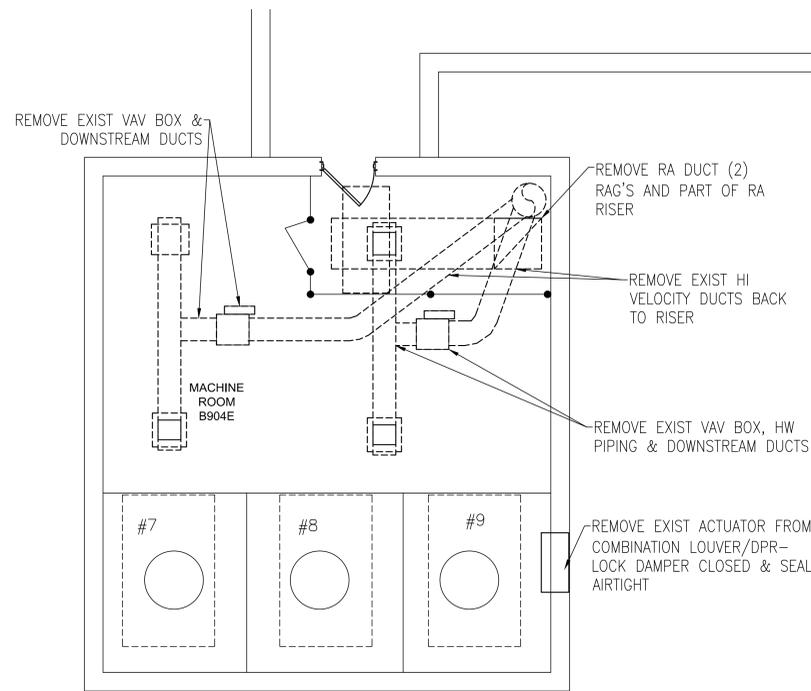
MARK	CFM	S.P.	H.P.	FAN R.P.M.	TIP SPEED	SONES	CURRENT	DRIVE	TYPE	REMARKS
SE-1	4000	0.50"	3/4	1750	---	17.4	460/60/3	DIRECT	PROP	FURNISH W/DISCHARGE GUARD

NOTE: EQUAL TO GREENHECK S1-1B-429-17 (OR EQUAL BY PENN-BARRY OR COOK)

Single Duct Terminal Unit with Hot Water Heat Schedule

Tag	Model	Unit	Size		CFM		Static Pressure		NC Levels		Hot Water Heating Coil							
			Outlet	Inlet	Max	Min	Down	Min	Rad.	Disch.	CFM	MBH	EAT/LAT	APD	GPM	EWT/LWT	WPd	Rows
VAV-01	LMHS	16	24x18	1500	450	1"	0.25	0.21	13	0	450	32	55/83	0.18	2.0	180/144.2	0.2	2
VAV-02	LMHS	16	24x18	1500	450	1"	0.25	0.21	13	0	450	32	55/83	0.18	2.0	180/144.2	0.2	2

Notes:
1. Room NC level shown includes attenuation transfer functions from tables in ARI Standard 885-98.
2. Sound data shall be obtained from tests conducted in accordance with ARI Standard 880.
3. Duct dimensions are approximate. Check submittal drawings for exact dimensions.

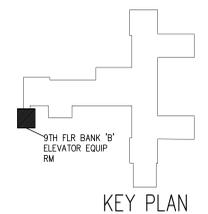


PARTIAL NINTH FLOOR MECHANICAL DEMO PLAN, ELEVATOR BANK 'B'

1"=1'-0"

PARTIAL NINTH FLOOR MECHANICAL PLAN, ELEVATOR BANK 'B'

1"=1'-0"



CONSULTANTS:
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Drawing Title
PARTIAL 9TH FLOOR MECHANICAL PLAN ELEVATOR BANK 'B'

Project Title
REPLACE MECHANICAL CONTROLS and UPGRADE CABS, MAIN ELEVATORS

Project Number
657-15-200JC
Building Number
01

Department of Veterans' Affairs
Medical Center
John Cochran Division

Approved Project Director

Location
VAMC - ST. LOUIS, MISSOURI - JC

Drawing Number
100% REVIEW SET
1-M102

Department of Veterans' Affairs

