

FAN COIL / BLOWER COIL UNITS - FOUR PIPE (2OF 2)																			
DESIGNATION	REFERENCE PRODUCT	TYPE	AIRFLOW DATA		FILTER TYPE	COOLING DATA					HEATING DATA					ELECTRICAL DATA		REMARKS	
			TOTAL AIRFLOW (CFM)	EXTERNAL PRESSURE (IN. WATER)		COOLING TOT/SENS (MBH)	AIR EDB/EWB (DEG. F)	WATER EWT/LWT (DEG. F)	WATER FLOW RATE (GPM)	WATER PRESSURE DROP (FT. WATER)	TOTAL CAPACITY (MBH)	HEATING COIL ROWS	AIR EDB/LDB (DEG. F)	WATER EWT/LWT (DEG. F)	WATER FLOW RATE (GPM)	WATER PRESSURE DROP (FT. WATER)	VOLTS / PHASE		HP
FCU-301	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-302	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-303	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-304	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-305	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-306	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-307	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-308	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-309	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-310	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-311	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-312	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-313	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-314	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-315	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-316	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-317	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-318	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-319	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-320	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-321	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-322	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-323	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-324	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-325	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-326	TRANE FCCB030	HORIZONTAL EXPOSED	275	0	1" THROWAWAY	9.4 / 6.8	80 / 67	42 / 54	1.5	1.6	7.9	1	65 / 91	140 / 120	0.5	1.3	115 / 1	1/8	3-WAY CONTROL VALVES
FCU-327	TRANE FCCB030	HORIZONTAL CONCEALED	275	0	1" THROWAWAY	9.4 / 6.8	80 / 67	42 / 54	1.5	1.6	7.9	1	65 / 91	140 / 120	0.5	1.3	115 / 1	1/8	3-WAY CONTROL VALVES
FCU-328	TRANE FCEB040	HORIZONTAL RECESSED	400	0.1	1" THROWAWAY	11.5 / 8.7	80 / 67	42 / 54	2	5.4	8.2	1	65 / 90	140 / 120	0.5	1.1	115 / 1	1/8	3-WAY CONTROL VALVES
FCU-329	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
NOTES: 1. ACCEPTABLE MANUFACTURERS: TRANE 2. HEATING COIL SHALL BE IN THE REHEAT POSITION. 3. ALL FAN COIL UNITS SHALL BE SELECTED WITH 30% GYLCOOL FOR THE CHILLED WATER SYSTEMS.																			

AIR DEVICES													
MARK	REFERENCE PRODUCT	USE	MAXIMUM AIRFLOW (CFM)	TYPE	STYLE	NECK SIZE (INCHES)	FACE SIZE (INCHES)	MAXIMUM APD (INCHES W.C.)	MAXIMUM N.C. RATING	MATERIAL	FINISH	PROVIDE OBD	REMARKS
A	PRICE 520	SUPPLY	300	SIDEWALL	BLADE	12 / 6	14 x 8	0.13	25	STEEL	WHITE	YES	45° DOUBLE DEFLECTION
B	PRICE SCD	SUPPLY	100	CEILING	LOUVERED	6" Ø	12 x 12	0.03	25	STEEL	WHITE	YES	
C	PRICE 520	SUPPLY	400	SIDEWALL	BLADE	SEE REMARKS	SEE REMARKS	0.10					SIZE OF GRILLE TO EQUAL FAN COIL DUCT SIZE.
1	PRICE 91	RETURN / EXHAUST	300	SIDEWALL	BAR	12 / 6	14 x 8	-0.06	25	STEEL	WHITE	NO	3/8" SPACING WITH 45° DEFLECTION
2	PRICE 80	RETURN / EXHAUST	40	WALL	EGGCRATE	6 x 5	8 x 6	-0.04	20	ALUMINUM	WHITE	NO	
3	PRICE 91	RETURN / EXHAUST	325	SIDEWALL	BAR	16 / 6	18 x 8	-0.06	25	STEEL	WHITE	NO	3/8" SPACING WITH 45° DEFLECTION
NOTES: 1. ACCEPTABLE MANUFACTURERS: KRUEGER, METALAIRE, PRICE, TITUS, AND TUTTLE & BAILEY. 2. ALL CEILING DIFFUSERS SHALL BE 4-WAY THROW UNLESS OTHERWISE INDICATED ON PLANS. 3. COORDINATE WITH ARCHITECTURAL ROOM FINISH SCHEDULES FOR DEVICE FRAMING REQUIREMENTS. 4. PROVIDE OPPOSED BLADE DAMPERS AT ALL BRANCH TAKE-OFFS EVEN IF OBD'S ARE INDICATED FOR AIR DEVICES. 5. PROVIDE SQUARE TO ROUND TRANSITIONS AS REQUIRED FOR CONNECTION TO GRILLES.													



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													APPD
													BY
4/26/24													Date
100 REVISED SUBMITTAL													Revision/Issue
A													No.

PROJECT TITLE
**REPAIR (SUS) ARMEN
DORMITORY BLDG 854**

SHEET TITLE
**MECHANICAL
SCHEDULES**

DRAWN BY HS, BD	PLANT DEVELOPER GC
DESIGNED BY HS	REVISIONS NKAK 21-1034
CHECKED BY GC	SHEET M4.03
DATE 29 FEB. 2024	PRICE 85 of 100
AS NOTED	