

BUILDING 17 EQUIPMENT

FAN COIL UNIT SCHEDULE																									
SYMBOL	MANUFACTURER	MODEL	SIZE	CONFIGURATION	SUPPLY FAN & MOTOR				COIL ROWS	COOLING CAPACITY (MBH)		COOLING COIL DATA				WATER				HEATING COIL DATA	OUTSIDE AIR QUANTITY (CFM)	SMOKE DETECTOR REQUIRED	APPROX. OPERATING WEIGHT (LBS)	NOTES	
					AIR QUANTITY (CFM)	EXTERNAL STATIC PRESSURE (IN. W.G.)	FAN SPEED (RPM)	FAN MOTOR (HP)		VOLTAGE/PHASE	AIR TEMP (°F)		GPM	PRESS. DROP (FT. W.G.)	TEMP (°F)		ENT.	LVG.							
											TOTAL	SENSIBLE			ENT.	LVG.									
																			Tdb						Twb
FC 1	TRANE	BCVB	072	VERTICAL PRE-SWIRL	2,000	1.00	1,034	1.0	460V-3Ø	4	34.55	34.55	71.96	63.81	60.01	56.98	0.34	0.50	45	55	SEE BELOW	645	-	350	(1)(2)(3)
FC 2	TRANE	BCVB	072	VERTICAL PRE-SWIRL	2,000	1.00	1,034	1.0	460V-3Ø	4	34.55	34.55	71.96	63.81	60.01	56.98	0.34	0.50	45	55	SEE BELOW	645	-	350	(1)(2)(3)
FC 3	TRANE	BCVB	072	VERTICAL PRE-SWIRL	2,000	1.00	1,034	1.0	460V-3Ø	4	34.55	34.55	71.96	63.81	60.01	56.98	0.34	0.50	45	55	SEE BELOW	645	-	350	(1)(2)(3)
FC 4	TRANE	BCVB	072	VERTICAL PRE-SWIRL	2,000	1.00	1,034	1.0	460V-3Ø	4	34.55	34.55	71.96	63.81	60.01	56.98	0.34	0.50	45	55	SEE BELOW	645	-	350	(1)(2)(3)
FC 5	TRANE	BCVB	072	VERTICAL PRE-SWIRL	2,000	1.00	1,034	1.0	460V-3Ø	4	34.55	34.55	71.96	63.81	60.01	56.98	0.34	0.50	45	55	SEE BELOW	645	-	350	(1)(2)(3)
FC 6	TRANE	BCVB	072	VERTICAL PRE-SWIRL	2,000	1.00	1,034	1.0	460V-3Ø	4	34.55	34.55	71.96	63.81	60.01	56.98	0.34	0.50	45	55	SEE BELOW	645	-	350	(1)(2)(3)
FC 7	TRANE	BCVB	072	VERTICAL PRE-SWIRL	2,000	1.00	1,034	1.0	460V-3Ø	4	34.55	34.55	71.96	63.81	60.01	56.98	0.34	0.50	45	55	SEE BELOW	645	-	350	(1)(2)(3)
FC 8	TRANE	BCVB	072	VERTICAL PRE-SWIRL	2,000	1.00	1,034	1.0	460V-3Ø	4	34.55	34.55	71.96	63.81	60.01	56.98	0.34	0.50	45	55	SEE BELOW	645	-	350	(1)(2)(3)

FAN COIL UNIT NOTES:

- PROVIDE WITH THE FOLLOWING:
 - 18 GA GALVANIZED STEEL CASING WITH 1", 1-1/2 PCF MATT INSULATION.
 - ANGLED FILTER MIXING BOX WITH 2" PLEATED MEDIA FILTERS.
 - THERMOSTAT CONTROL INTERFACE WITH MOTOR CONTACTORS.
 - FREESTAT.
 - FAN STATUS SWITCH.
 - FORWARD CURVED, CENTRIFUGAL BLOWER WITH V-BELT DRIVE.
 - LEFT OR RIGHT HAND CONFIGURATION AS REQUIRED. VERIFY UNIT ACCESS AND PIPING CONNECTION LOCATIONS IN FIELD PRIOR TO ORDERING EQUIPMENT.
 - 2" DEFLECTION MASON TYPE SLR SPRING ISOLATORS.
 - MOTORIZED DAMPER ON INLET TO PROVIDE 100% SHUTOFF WHEN UNIT IS OFF-LINE.
 - VERTICAL COUNTERSWIRL.
 - FACTORY MOUNTED AND WIRED MAGNETIC MOTOR STARTER.
- FUSED DISCONNECT SWITCH (WITH FUSES) TO BE FURNISHED, INSTALLED AND WIRED BY DIV. 16 SEE ELECTRICAL DRAWINGS.
- SEE 1/15.02 FOR UNIT MOUNTING.

BUILDING 17 EQUIPMENT

FAN COIL UNIT SCHEDULE CONT'D								
SYMBOL	COIL ROWS	HEATING CAPACITY (MBH)	HEATING COIL DATA		GPM	PRESS. DROP (FT. W.G.)	WATER TEMP (°F)	
			ENT.	LVG.			ENT.	LVG.
FC 1	1	85.23	61.52	100.82	5.54	0.50	180	150
FC 2	1	85.23	61.52	100.82	5.54	0.50	180	150
FC 3	1	85.23	61.52	100.82	5.54	0.50	180	150
FC 4	1	85.23	61.52	100.82	5.54	0.50	180	150
FC 5	1	85.23	61.52	100.82	5.54	0.50	180	150
FC 6	1	85.23	61.52	100.82	5.54	0.50	180	150
FC 7	1	85.23	61.52	100.82	5.54	0.50	180	150
FC 8	1	85.23	61.52	100.82	5.54	0.50	180	150

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UTILITY EXHAUST FAN SCHEDULE									
SYMBOL	MANUFACTURER	MODEL NO.	AIR QUANTITY (CFM)	STATIC PRESSURE (IN. W.G.)	VOLTAGE/PHASE	HP	RPM	APPROX. OPER. HEIGHT (LBS)	NOTES
EF 1	GREENHECK	13 B15H	2,500	1.50	460V/3Ø	1.5	2,210	250	(1) THRU (9)
EF 2	GREENHECK	13 B15H	2,500	1.50	460V/3Ø	1.5	2,210	250	(1) THRU (9)

EXHAUST FAN NOTES:

- WEATHER HOOD, FLANGED OUTLET.
- BELT DRIVE, NON-OVERLOADING, HIGH EFFICIENCY TEFC MOTOR.
- DRAIN CONNECTION.
- MOUNT ON MASON TYPE NO DOUBLE DEFLECTION MOUNTS.
- BACKDRAFT DAMPER. DAMPER TO PROVIDE 100% SHUT-OFF WHEN UNIT IS OFF-LINE.
- ADJUST FAN SPEED AND DRIVE TO DELIVER REQUIRED CFM AT LOWEST POSSIBLE SPEED SETTINGS.
- NOT USED
- FUSED DISCONNECT SWITCH (WITH FUSES) TO BE FURNISHED, INSTALLED AND WIRED BY DIV. 16 SEE ELECTRICAL DRAWINGS.
- SEE 1/15.03 FOR UNIT MOUNTING.

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SPLIT AIR CONDITIONING SYSTEM SCHEDULE																		
INDOOR FAN COIL UNIT ELECTRICAL DATA					OUTDOOR CONDENSING UNIT ELECTRICAL DATA					SEER	NOTES							
SYMBOL	MANUFACTURER	MODEL NO.	VOLTAGE	PHASE	MINIMUM AMPACITY	MAX. FUSE SIZE (AMPS)	COOLING CAPACITY @ ARI CONDITIONS (BTU/HR)	OPERATING WEIGHT (LBS.)	SYMBOL			MANUFACTURER	MODEL NO.	VOLTAGE	PHASE	MINIMUM AMPACITY	MAX. FUSE SIZE (AMPS)	OPERATING WEIGHT (LBS.)
CU 1	MITSUBISHI	PK18EK	120V	1Ø	1.0	15.0	18,000	55	CU 1	MITSUBISHI	FU18EK	208-230V	1Ø	16.0	20	160	11.0	(1) THRU (6)

SPLIT AIR CONDITIONING SYSTEM NOTES:

- SEPARATE ELECTRICAL CIRCUITS REQUIRED FOR INDOOR AND OUTDOOR SECTIONS. FUSED DISCONNECT SWITCH (WITH FUSES) TO BE FURNISHED, INSTALLED AND WIRED BY DIV. 16 SEE ELECTRICAL DRAWINGS.
- SET CONTROL SWITCHES FOR AUTO RESTART.
- SIZE AND INSTALL REFRIGERANT PIPING IN COMPLETE ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- PROVIDE AND INSTALL WIND BAFFLE FOR LOW AMBIENT COOLING TO OFF AMBIENT.
- PROVIDE CONDENSATE PUMP. INSTALL CONDENSATE PUMP IN CONCEALED ABOVE CEILING SPACE ABOVE THE INDOOR FAN COIL UNIT.
- SEE 4/15.02 FOR UNIT MOUNTING.

SUPPLY CFM IN EXCESS OF 2000 ARE NOTED TO BE PROVIDED WITH AUTOMATIC SHUTDOWN PER CMC 604.

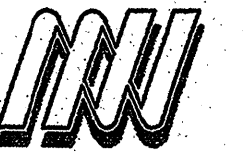
ARCHITECT OF RECORD

architects and planners

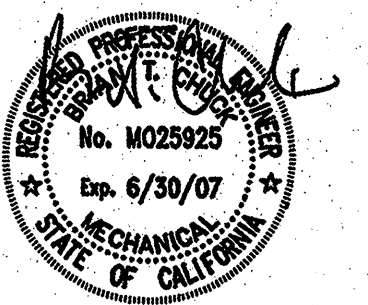
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IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
FILE NUMBER: 44-1
APPROVAL NUMBER: 01/0011
DATE: 4/4/06

BID DOCUMENTS

CAÑADA COLLEGE
BUILDING 16, 17, 18
RENOVATION

SMCCCD
3401 CSM Drive
San Mateo, CA 94402
Cañada College
4200 Farm Hills Blvd.
Redwood City, CA 94061

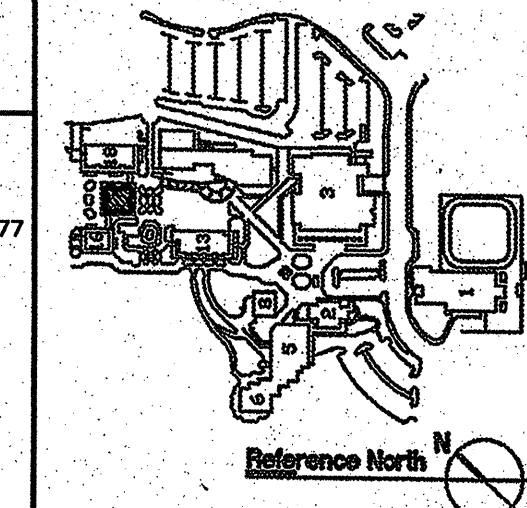
SHEET TITLE
**BUILDING 17
MECHANICAL
SCHEDULES**

REVISIONS		
NO.	DATE	DESCRIPTION
1	02/01/07	RECORD SET

DATE: MARCH 1, 2006
DRAWN: JP
CHECKED: BC
SCALE: AS NOTED
N&T JOB NO.: 2220.07

SHEET NUMBER **17**

KEY PLAN



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1133 ALADDIN AVE
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628403 M0.01.DWG RC RISSE
Job Number Filename Drawn By Project Mgr
88519
RECORD DRAWING District Contract #
DATE: 02-01-07 Contractor's Signature

MO.21