

Exhibit C

Yuba Community College

Existing Building HVAC System Matrix

Bldg	User	Occupancy	Area	Clg Ld (ton)	Htg Ld (Mbh)	Air system type	Economiz	Clg System Type	Htg System Type	Clg Equip	Nom Size
0100A	Admin/Personnel/Pres.	Administration	8,550	23.2	142.8	Triple deck Multizone	Yes	Air Cooled Chiller	Central Boiler Plant	11	40
0100B	EOP&S/Registration/Support Services	Administration	18,042	46.0	330.0	CV HWReheat zones	Yes	Air Cooled Chiller	Central Boiler Plant	7	80
0200	Music	Classroom/Office	5,790	14.9	114.4	Triple deck Multizone	Yes	Air Cooled Chiller	Central Boiler Plant	7	n/a
0300	Bookstore/Cafeteria	Retail/Dining/Kitchen	22,867	46.7	316.8	CV HWReheat zones	Yes	Air Cooled Condenser	Central Boiler Plant	Varies	80
0400	Theatre	Auditorium	12,419	41.0	324.5	CV Changeover	Yes	Water Cooled Chiller	Central Boiler Plant	12	50
0500	Business & Social Sciences	Classroom	12,028	65.0	532.5	CV Fan Coils	No	Water Cooled Chiller	Central Boiler Plant	13	75
0800	Life & Physical Sciences	Classroom	25,177	52.4	364.9	VAV HWReheat zones	Yes?	Water Cooled Chiller	Central Boiler Plant	13	100
0900	Boiler Plant									32	
1000	Fine & Language Arts	Classroom	12,789	77.3	683.0	VAV HWReheat zones	Yes?	Evap Cond Chiller	Central Boiler Plant	2	80
1100	Library	Library	42,078	119.7	928.2	Multizone & Fan Coil	Yes	Water Cooled Chiller	Central Boiler Plant	25	160
1200	Gymnasium	Gymnasium	39,421	112.3	1027.0	CV	Yes	Air Cooled	Stand alone Boiler	35	250
1800	Disabled Vet Services	Office	4,304	21.1	113.4	CV Air Handlers	Yes	Air Cooled Chiller	Central Boiler Plant	18	20
2100	Heath & Public Safety	M.O.B. and Office	41,360	154.5	649.7	VAV HWReheat zones	Yes	Evap Cond Packages	Stand alone Boiler	0	170
Totals:			244,825	774.1	5527.2						