DIFFUSER SCHEDULE

TAG	MODEL	CFM RANGE	NECK	THROW	REMARKS
DROP IN T-BAR, PERFORATED FACE, MODULAR CORE, SUPPLY DIFFUSERS					
A	TITUS PMC	0-125	6"x6"	4 WAY	EARTHQUAKE TABS & O.B.D. SQUARE TO ROUND FITTING
B	TITUS PMC	130-225	8"x8"	4 WAY	EARTHQUAKE TABS & O.B.D. SQUARE TO ROUND FITTING
C	TITUS PMC	230-300	10"x10"	4 WAY	EARTHQUAKE TABS & O.B.D. SQUARE TO ROUND FITTING
D	TITUS PMC	305-400	12"x12"	4 WAY	EARTHQUAKE TABS & O.B.D. SQUARE TO ROUND FITTING
E	TITUS PMC	405-625	15"x15"	4 WAY	EARTHQUAKE TABS & O.B.D. SQUARE TO ROUND FITTING
F	TITUS PMC	630-905	18"x18"	4 WAY	EARTHQUAKE TABS & O.B.D. SQUARE TO ROUND FITTING
DROP IN T-BAR, PERFORATED FACE, RETURN DIFFUSERS					
1	TITUS PMR	0-125	6"x6"	RETURN	EARTHQUAKE TABS & O.B.D. SQUARE TO ROUND FITTING
2	TITUS PMR	130-225	8"x8"	RETURN	EARTHQUAKE TABS & O.B.D. SQUARE TO ROUND FITTING
3	TITUS PMR	230-350	10"x10"	RETURN	EARTHQUAKE TABS & O.B.D. SQUARE TO ROUND FITTING
4	TITUS PMR	355-500	12"x12"	RETURN	EARTHQUAKE TABS & O.B.D. SQUARE TO ROUND FITTING
5	TITUS PMR	505-780	15"x15"	RETURN	EARTHQUAKE TABS & O.B.D. SQUARE TO ROUND FITTING
6	TITUS PMR	785-1000	18"x18"	RETURN	EARTHQUAKE TABS & O.B.D. SQUARE TO ROUND FITTING
MODULAR CORE, SUPPLY/RETURN/EXHAUST IN HARD-LID CEILINGS OR NO CEILING					
AA	TITUS MCD	0-125	6"x6"	4 WAY	SURFACE MOUNT & O.B.D. SQUARE TO ROUND FITTING
BB	TITUS MCD	130-225	8"x8"	4 WAY	SURFACE MOUNT & O.B.D. SQUARE TO ROUND FITTING
CC	TITUS MCD	230-350	10"x10"	4 WAY	SURFACE MOUNT & O.B.D. SQUARE TO ROUND FITTING
DD	TITUS MCD	355-450	12"x12"	4 WAY	SURFACE MOUNT & O.B.D. SQUARE TO ROUND FITTING
EE	TITUS MCD	455-550	14"x14"	4 WAY	SURFACE MOUNT & O.B.D. SQUARE TO ROUND FITTING
FF	TITUS MCD	555-700	16"x16"	4 WAY	SURFACE MOUNT & O.B.D. SQUARE TO ROUND FITTING
BAR TYPE SIDEWALL SUPPLY GRILLES					
NN	TITUS 300RL	0-100	6x6	SUPPLY	FIELD FABRICATED PLENUM, O.B.D.
PP	TITUS 300RL	105-150	8x8	SUPPLY	FIELD FABRICATED PLENUM, O.B.D.
QQ	TITUS 300RL	155-300	10x10	SUPPLY	FIELD FABRICATED PLENUM, O.B.D.
RR	TITUS 300RL	305-450	12x12	SUPPLY	FIELD FABRICATED PLENUM, O.B.D.
SS	TITUS 300RL	455-675	18x14	SUPPLY	FIELD FABRICATED PLENUM, O.B.D.
TT	TITUS 300RL	680-900	24x12	SUPPLY	FIELD FABRICATED PLENUM, O.B.D.
BAR TYPE SIDEWALL RETURN GRILLES					
11	TITUS 350RL	0-100	6x6	RETURN	FIELD FABRICATED PLENUM, O.B.D.
12	TITUS 350RL	105-150	8x8	RETURN	FIELD FABRICATED PLENUM, O.B.D.
13	TITUS 350RL	155-300	10x10	RETURN	FIELD FABRICATED PLENUM, O.B.D.
14	TITUS 350RL	305-450	12x12	RETURN	FIELD FABRICATED PLENUM, O.B.D.
15	TITUS 350RL	455-675	18x12	RETURN	FIELD FABRICATED PLENUM, O.B.D.
16	TITUS 350RL	680-900	24x12	RETURN	FIELD FABRICATED PLENUM, O.B.D.
17	TITUS 350ZRL	AS NOTED	30x18	RETURN	FIELD FABRICATED PLENUM, O.B.D.
ROUND SUPPLY DIFFUSERS					
R1	TITUS TMR	0-100	6"ø	SUPPLY	11" OUTER DIAMETER
R2	TITUS TMR	105-175	8"ø	SUPPLY	15" OUTER DIAMETER
R3	TITUS TMR	180-275	10"ø	SUPPLY	18" OUTER DIAMETER
R4	TITUS TMR	280-400	12"ø	SUPPLY	22" OUTER DIAMETER
R5	TITUS TMR	405-550	14"ø	SUPPLY	26" OUTER DIAMETER
R6	TITUS TMR	555-700	16"ø	SUPPLY	29" OUTER DIAMETER
R7	TITUS TMR	705-885	18"ø	SUPPLY	33" OUTER DIAMETER
R8	TITUS TMR	890-1100	20"ø	SUPPLY	36" OUTER DIAMETER
R9	TITUS TMR	1105-1575	24"ø	SUPPLY	43" OUTER DIAMETER
R10	TITUS TMR	1580-2500	30"ø	SUPPLY	54" OUTER DIAMETER
R11	TITUS TMR	2505-3500	36"ø	SUPPLY	65" OUTER DIAMETER
DOOR LOUVERS					
L1	TITUS 170DL	AS NOTED	24x18	24x16	W/AUX FRAME.
L2	TITUS 170DL	AS NOTED	12x6	12x6	W/AUX FRAME.

EXHAUST FAN SCHEDULE

EQUIP. NO.	MANUFACTURER & MODEL NUMBER	AREA (S) SERVED	TYPE	CFM	STATIC PRESSURE	MOTOR RPM	DRIVE	SONES	MOTOR HP	MOTOR ELECTRICAL V/P/HZ	OPER. WEIGHT (LBS.)	REMARKS	ANCHORAGE DETAIL
EF 1	LOREN COOK ACRUB-135R3B	MEN'S AND WOMAN'S RESTROOMS AND STORAGE	CENTRIFUGAL UPBLAST	1390	0.5	1725	BELT	10.5	1/4	115/1/60	116	BACKDRAFT DAMPER, STANDARD DISCONNECT, ROOF CURB TO MATCH ROOF SLOPE, HINGED BASE KIT CONTROLLED BY TIME CLOCK	1 M5.0

NOTES: PROVIDE AND INSTALL BACKDRAFT DAMPERS ON ALL EXHAUST FANS.

HEAT PUMP SCHEDULE

EQUIP. NO.	MANUFACTURER & MODEL NO.	AREA SERVED	COOLING CAPACITY TONS	COOLING CAPACITY NET COOLING (BTU/H)	COOLING CAPACITY SEER	COOLING CAPACITY E.A. DB °F	HEATING CAPACITY (BTU/H)	HEATING CAPACITY HSPF	ELECTRICAL COMPRESSOR R.L.A.	ELECTRICAL COMPRESSOR L.R.A.	ELECTRICAL CONDENSOR FAN F.L.A.	ELECTRICAL CONDENSOR FAN RPM	ELECTRICAL CONDENSOR FAN HP	ELECTRICAL MAIN DISCONNECT V/PH/HZ	ELECTRICAL MAIN DISCONNECT MCA	ELECTRICAL MAIN DISCONNECT MOCP	DIMENSIONS LxWxH	OPER. WT. LBS	ACCESSORIES/ REMARKS	ANCHORAGE DETAIL
HP 1	CARRIER 25HCA460A003	FITNESS CENTER	5	60,650	14.0	94 °F	44,680	8.3	26.3	134	1.2	800	1/5	208-230/1/60	34.1	50A	35"x35"x39"	335	LONG LINE APPLICATION KIT, CRANKCASE HEATER, COMPRESSOR START ASSIST, DISCONNECT, PURON R410	2 M5.0
HP 2	CARRIER 25HCA460A003	FITNESS CENTER	5	60,650	14.0	94 °F	44,680	8.3	26.3	134	1.2	800	1/5	208-230/1/60	34.1	50A	35"x35"x39"	335	LONG LINE APPLICATION KIT, CRANKCASE HEATER, COMPRESSOR START ASSIST, DISCONNECT, PURON R410	2 M5.0
HP 3	CARRIER 25HCA460A003	FLEXIBLE CLASSROOM	5	57,920	14.0	94 °F	44,680	8.3	26.3	134	1.2	800	1/5	208-230/1/60	34.1	50A	35"x35"x39"	335	LONG LINE APPLICATION KIT, CRANKCASE HEATER, COMPRESSOR START ASSIST, DISCONNECT, PURON R410	5 M5.0
HP 4	CARRIER 25HCA460A003	FLEXIBLE CLASSROOM	5	57,920	14.0	94 °F	44,680	8.3	26.3	134	1.2	800	1/5	208-230/1/60	34.1	50A	35"x35"x39"	335	LONG LINE APPLICATION KIT, CRANKCASE HEATER, COMPRESSOR START ASSIST, DISCONNECT, PURON R410	5 M5.0

NOTE:

FAN COIL UNIT SCHEDULE

EQUIP. NO.	MFR. & MODEL NO.	AREA SERVED	FAN CFM ESP(IN)	FAN CFM SUPPLY	FAN CFM RETURN	OUTSIDE AIR CFM	OUTSIDE AIR TEMP	COOLING CAPACITY NOMINAL TOTAL TONS	COOLING CAPACITY SENSIBLE COOLING BTUH	COOLING CAPACITY LATENT COOLING BTUH	ELECTRICAL FAN FLA	ELECTRICAL FAN HP	ELECTRICAL POWER V/PH/HZ	FILTERS	DIMENSIONS LxWxH	OPER. WT. LBS	REMARKS	ANCHORAGE DETAIL
FC 1	CARRIER FX4CNB060	FITNESS CENTER	0.5	2000	1725	275	94/69	5	42,800	17,850	6.0	3/4	208/1/60	21-1/2"x23-5/16"	22"x60"x25"	200	FREEZE STAT, SECONDARY DRAIN PAN, UNIT SHUTDOWN VIA TOTAL AREA COVERAGE SYSTEM (CMC 609 EXCEPTION 1). DISCONNECT KIT, CONDENSATE DRAIN TRAP KIT	3 M5.0
FC 2	CARRIER FX4CNB060	FITNESS CENTER	0.5	2000	1725	275	94/69	5	42,800	17,850	6.0	3/4	208/1/60	21-1/2"x23-5/16"	22"x60"x25"	200	FREEZE STAT, SECONDARY DRAIN PAN, UNIT SHUTDOWN VIA TOTAL AREA COVERAGE SYSTEM (CMC 609 EXCEPTION 1). DISCONNECT KIT, CONDENSATE DRAIN TRAP KIT	3 M5.0
FC 3	CARRIER FX4CNB060	FLEXIBLE CLASSROOM	0.5	2000	1750	250	94/69	5	42,800	10,040	6.0	3/4	208/1/60	21-1/2"x23-5/16"	22"x60"x25"	200	FREEZE STAT, SECONDARY DRAIN PAN, UNIT SHUTDOWN VIA TOTAL AREA COVERAGE SYSTEM (CMC 609 EXCEPTION 1). DISCONNECT KIT, CONDENSATE DRAIN TRAP KIT	3 M5.0
FC 4	CARRIER FX4CNB060	FLEXIBLE CLASSROOM	0.5	2000	1750	250	94/69	5	42,800	10,040	6.0	3/4	208/1/60	21-1/2"x23-5/16"	22"x60"x25"	200	FREEZE STAT, SECONDARY DRAIN PAN, UNIT SHUTDOWN VIA TOTAL AREA COVERAGE SYSTEM (CMC 609 EXCEPTION 1). DISCONNECT KIT, CONDENSATE DRAIN TRAP KIT	3 M5.0

NOTE:

OUTSIDE AIR INTAKE VENTILATOR SCHEDULE

EQUIP. NO.	MANUFACTURER & MODEL NO.	OUTER DIAMETER	THROAT DIAMETER	HEIGHT*	CFM	OPERATING WT (LBS)	REMARKS	ANCHORAGE DETAIL
IV 1	LOREN COOK 12-PR	28"ø	12"ø	9"	275	52	INSTALL PER MANUFACTURERS RECOMMENDATIONS, PROVIDE ROOF OPENING 2" LARGER THAN THROAT DIMENSIONS. PROVIDE ROOF CURB. PROVIDE GALVANIZED BIRDSCREEN - 0.5 IN. MESH TYPE.	4 M5.0
IV 2	LOREN COOK 12-PR	28"ø	12"ø	9"	275	52	INSTALL PER MANUFACTURERS RECOMMENDATIONS, PROVIDE ROOF OPENING 2" LARGER THAN THROAT DIMENSIONS. PROVIDE ROOF CURB. PROVIDE GALVANIZED BIRDSCREEN - 0.5 IN. MESH TYPE.	4 M5.0
IV 3	LOREN COOK 12-PR	28"ø	12"ø	9"	250	52	INSTALL PER MANUFACTURERS RECOMMENDATIONS, PROVIDE ROOF OPENING 2" LARGER THAN THROAT DIMENSIONS. PROVIDE ROOF CURB. PROVIDE GALVANIZED BIRDSCREEN - 0.5 IN. MESH TYPE.	4 M5.0
IV 4	LOREN COOK 12-PR	28"ø	12"ø	9"	250	52	INSTALL PER MANUFACTURERS RECOMMENDATIONS, PROVIDE ROOF OPENING 2" LARGER THAN THROAT DIMENSIONS. PROVIDE ROOF CURB. PROVIDE GALVANIZED BIRDSCREEN - 0.5 IN. MESH TYPE.	4 M5.0

* UNIT HEIGHTS DO NOT INCLUDE ROOF CURB

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Del Mar High School

312 Del Mar Ave
San Gabriel, CA 91776

MECHANICAL
EQUIPMENT SCHEDULES

Project Number	20318
Date	FEBRUARY, 2010
Drawn By	BM
Checked By	BM

M0.2

Scale	N.T.S.