

EQUIPMENT DATA SCHEDULE

MARK	EQUIPMENT	LOCATION	FURN. BY (DIV.)	MOTOR OR EQUIPMENT DATA			DISCONNECT SWITCH AT EQUIPMENT			STARTER			REMOTE CONTROLS			CONTROL DIAGRAM	REMARKS	
				HP/KW ①	VOLTS/PHASE	INST. BY/CONN. BY	NEMA TYPE/AMPS	FURN. BY	INST. BY/CONN. BY	TYPE ②	ACCESS. ③	FURN. BY	INST. BY/CONN. BY	TYPE ④	FURN. BY			INST. BY/CONN. BY
FC-1	FAN COIL UNIT #1	CORRIDOR ROOM 132	15	18.7A	208/1	15/16	1/30A	16	16	PWCP	---	15	15/15	INT	15	15/15	---	---
FC-2	FAN COIL UNIT #2	CORRIDOR ROOM 134	15	29.7A	208/1	15/16	1/60A	16	16	PWCP	---	15	15/15	INT	15	15/15	---	---
FC-3	FAN COIL UNIT #3	CORRIDOR ROOM 133	15	18.7A	208/1	15/16	1/30A	16	16	PWCP	---	15	15/15	INT	15	15/15	---	---
FC-4	FAN COIL UNIT #4	CORRIDOR ROOM 134	15	29.6A	208/1	15/16	1/60A	16	16	PWCP	---	15	15/15	INT	15	15/15	---	---
FC-5	FAN COIL UNIT #5	CORRIDOR ROOM 134	15	18.7A	208/1	15/16	1/30A	16	16	PWCP	---	15	15/15	INT	15	15/15	---	---
FC-6	FAN COIL UNIT #6	CORRIDOR ROOM 134	15	20.2A	208/1	15/16	1/30A	16	16	PWCP	---	15	15/15	INT	15	15/15	---	---
FC-7	FAN COIL UNIT #7	CORRIDOR ROOM 133	15	20.2A	208/1	15/16	1/30A	16	16	PWCP	---	15	15/15	INT	15	15/15	---	---
FC-8	FAN COIL UNIT #8	CORRIDOR ROOM 132	15	29.6A	208/1	15/16	1/60A	16	16	PWCP	---	15	15/15	INT	15	15/15	---	---
FC-9	FAN COIL UNIT #9	CORRIDOR ROOM 134	15	29.6A	208/1	15/16	1/60A	16	16	PWCP	---	15	15/15	INT	15	15/15	---	---
FC-10	FAN COIL UNIT #10	CORRIDOR ROOM 132	15	29.6A	208/1	15/16	1/60A	16	16	PWCP	---	15	15/15	INT	15	15/15	---	---
FC-11	FAN COIL UNIT #11	CORRIDOR ROOM 133	15	29.6A	208/1	15/16	1/60A	16	16	PWCP	---	15	15/15	INT	15	15/15	---	---
CU-1	CONDENSING UNIT #1	EXTERIOR EQUIPMENT PAD	15	15.4A	208/1	15/16	3R	16	16	PWCP	---	15	15/15	INT	15	15/15	---	---
CU-2	CONDENSING UNIT #2	EXTERIOR EQUIPMENT PAD	15	29.3A	208/1	15/16	3R	16	16	PWCP	---	15	15/15	INT	15	15/15	---	---
CU-3	CONDENSING UNIT #3	EXTERIOR EQUIPMENT PAD	15	15.4A	208/1	15/16	3R	16	16	PWCP	---	15	15/15	INT	15	15/15	---	---
CU-4	CONDENSING UNIT #4	EXTERIOR EQUIPMENT PAD	15	22.2A	208/1	15/16	3R	16	16	PWCP	---	15	15/15	INT	15	15/15	---	---
CU-5	CONDENSING UNIT #5	EXTERIOR EQUIPMENT PAD	15	15.4	208/1	15/16	3R	16	16	PWCP	---	15	15/15	INT	15	15/15	---	---
CU-6	CONDENSING UNIT #6	EXTERIOR EQUIPMENT PAD	15	18.0A	208/1	15/16	3R	16	16	PWCP	---	15	15/15	INT	15	15/15	---	---
CU-7	CONDENSING UNIT #7	EXTERIOR EQUIPMENT PAD	15	18.0A	208/1	15/16	3R	16	16	PWCP	---	15	15/15	INT	15	15/15	---	---
CU-8	CONDENSING UNIT #8	EXTERIOR EQUIPMENT PAD	15	22.2A	208/1	15/16	3R	16	16	PWCP	---	15	15/15	INT	15	15/15	---	---
CU-9	CONDENSING UNIT #9	EXTERIOR EQUIPMENT PAD	15	22.2A	208/1	15/16	3R	16	16	PWCP	---	15	15/15	INT	15	15/15	---	---
CU-10	CONDENSING UNIT #10	EXTERIOR EQUIPMENT PAD	15	22.2A	208/1	15/16	3R	16	16	PWCP	---	15	15/15	INT	15	15/15	---	---
CU-11	CONDENSING UNIT #11	EXTERIOR EQUIPMENT PAD	15	29.8A	208/1	15/16	3R	16	16	PWCP	---	15	15/15	INT	15	15/15	---	---
EF-1	EXHAUST FAN #1	MECHANICAL ROOM	15	0.330KW	120/1	15/16	---	---	---	MAN	---	16	16/16	TIS	16	16/16	---	---
WH-1	WATER HEATER #1	MECHANICAL ROOM	15	9.0KW	208/3	15/16	1	16	16/16	---	---	---	---	---	---	---	---	---
WH-2	WATER HEATER #2	HANDICAP TOILET	15	6.0KW	208/1	15/16	1	16	16/16	---	---	---	---	---	---	---	---	---

- ① HORSEPOWER (HP) IS SHOWN UNLESS AMPS. (A) OR KILLOWATTS (KW) ARE CALLED OUT.
- ② STARTER TYPE:
 COMB - COMBINATION MAGNETIC FVNR WITH FUSIBLE DISCONNECT SWITCH
 FVNR - FULL VOLTAGE NON-REVERSING MAGNETIC STARTER
 MAN - MANUAL STARTER
 PWCP - PREWIRED CONTROL PANEL
 CP - CONSEQUENT POLE TWO SPEED STARTER

- ③ ACCESSORIES:
 HOA - HAND-OFF AUTO SELECTOR SWITCH
 HOAP - HOA WITH PILOT LIGHT.
 HOAS - HOA WITH SPRING RETURN.
 PB - START-STOP PUSH BUTTON (MOMENTARY CONTACT).
 PBM - START-STOP PUSH BUTTON (MAINTAINED CONTACT).
 P - PILOT LIGHT (GREEN).

- ④ REMOTE CONTROL:
 FAI - FIRE ALARM INTERLOCK
 FST - FIRESTAT
 INT - INTERLOCK WITH OTHER EQUIPMENT
 RAD - REMOTE ALARM DEVICE
 RPB - REMOTE START-STOP PUSH BUTTON
 SSC - START-STOP CONTACT
 TIS - TIME SWITCH
 TS - THERMOSTAT
 DD - DUCT MOUNTED SMOKE DETECTOR
 SP - SWITCH AND PILOT
 SDS - SMOKE DETECTOR SHUTDOWN IN RETURN AIR DUCT

- ⑤ KEY TO REMARKS:
 (1) EMERGENCY POWER
 (2) TWO-SPEED, TWO WINDING MOTOR.
 (3) STAND-BY UNIT.
 (4) UNIT MOUNTED THERMOSTAT.
 (5) FOR ADDITIONAL REMOTE CONTROL REQUIREMENTS SEE SPECIFICATIONS SECTION 15900.
 (6) EXPLOSION PROOF SPARK RESISTANT MOTOR
 (7) PACKAGED UNIT WITH TWO PUMP MOTORS. ONE OF WHICH IS STANDBY.
 (8) SMOKE EVAC. SYSTEM

ELECTRICAL SYMBOL LEGEND

NOTE: MOUNTING HEIGHTS TO BE AS INDICATED ON THIS LEGEND UNLESS NOTED OTHERWISE ON PLANS.

POWER AND CONTROL PLAN SYMBOLS

- SURFACE MOUNTED BRANCH CIRCUIT PANEL
- FLUSH MOUNTED BRANCH CIRCUIT PANEL
- DISTRIBUTION PANEL OR SWITCHBOARD
- EQUIPMENT PANEL AS NOTED
- TRANSFORMER
- MAGNETIC MOTOR STARTER
- DISCONNECT SWITCH
- CONTACTOR
- MOTOR: HEXAGON AND LETTER INDICATE MOTOR TYPE AND SCHEDULE NUMBER.
- CONTROL DEVICE. LETTERS INDICATE TYPE:
 FLS = FLOAT SWITCH FS = FLOW SWITCH
 FTS = FOOT SWITCH LS = LIMIT SWITCH
 PE = PNEUMATIC SWITCH PS = PRESSURE SWITCH
- PLUGMOLD STRIP
-
- JUNCTION BOX
- JUNCTION BOX (WALL MOUNTED)
-

LIGHTING FIXTURE SYMBOLS

- CEILING MOUNTED FLOURESCENT FIXTURE - LETTER DENOTES TYPE (LOWER CASE LETTER DENOTES SWITCHING) (CENTER DIVIDER DENOTES CENTER CROSSMEMBER) (SHADING INDICATES EMERGENCY BALLAST)
- WALL MOUNTED FIXTURE (FLOURESCENT SHOWN)
- FIXTURE IN CEILING; TYPE AS SCHEDULED
- EMERGENCY BATTERY PACK LIGHT
- EXIT FIXTURE - SHADED AREA DENOTES LIGHTED FACE ARROW DENOTES DIRECTION
- EXIT FIXTURE - SHADED AREA DENOTES LIGHTED FACE ARROW DENOTES DIRECTION
- WALL MOUNTED FIXTURE
- POLE MOUNTED FIXTURE
- LIGHT TRACK; TRIANGLES INDICATE LIGHT FIXTURES

TELEPHONE SYSTEM SYMBOLS

- TELEPHONE TERMINAL BOARD SIZE AS NOTED ON PLANS
-
- FLOOR MOUNTED TELEPHONE OUTLET
-
- WALL TELEPHONE
- PAY TELEPHONE
- TELEPHONE OUTLET ABOVE COUNTER
- COMPUTER FLOOR OUTLET
- COMPUTER OUTLET ABOVE COUNTER

SOUND SYSTEM SYMBOLS

- SOUND SYSTEM SPEAKER
-
-

COMMUNICATION SYSTEM SYMBOLS

-
- BELL
- RELAY
- CAMERA

CONDUIT, RACEWAY AND WIRING SYMBOLS

- CONDUIT CONCEALED IN WALLS OR CEILING
- UNDERGROUND OR UNDER SLAB RACEWAY
- EMERGENCY CIRCUIT
- CONDUIT WITH BUSH ENDS
- UNDERGROUND COMMUNICATIONS RACEWAY
- CIRCUIT HOME RUN TO PANEL "A", CIRCUITS 1,3,5
- RACEWAY, EACH CROSS HATCH INDICATES ONE #12 CONDUCTOR, NO CROSS HATCHES INDICATES 2 #12 CONDUCTORS, LINE WITH DOT INDICATES GROUNDING CONDUCTOR.
- RACEWAY OR CONTINUATION
-
-

RECEPTACLE AND SWITCH SYMBOLS

-
-
- DUPLEX MOUNTED ABOVE COUNTER
-
-
-
- FLOOR MOUNTED DUPLEX RECEPTACLE
-
- CLOCK OUTLET
-
-
-
-
-
-
-
- MANUAL MOTOR STARTER
-
- PHOTOELECTRIC SWITCH

MISCELLANEOUS

- REFERENCE NOTE
- G.F.I. GROUND FAULT INTERRUPTER
- W.P. WEATHERPROOF
- A.F.F. ABOVE FINISHED FLOOR
- F.A.C.P. FIRE ALARM CONTROL PANEL
- AUX. DEVICE WITH AUXILLARY CONTACTS
- E.L.R. END OF LINE RESISTOR
- E.W.C. ELECTRICAL WATER COOLER
- C.O. CONDUIT ONLY
- I.G. ISOLATED GROUND

FIRE ALARM SYSTEM SYMBOLS

-
- HORN / LIGHT
- CHIME / LIGHT
- SMOKE DETECTOR
- HEAT DETECTOR
- DUCT SMOKE DETECTOR
- MAGNETIC DOOR HOLDER
- FLOW SWITCH
- MINI-HORN

REVISIONS			
REV	DESCRIPTION	DATE	BY

© DOMINGO CAMBEIRO CORPORATION 1990

DUNHAM ASSOCIATES
 CONSULTING ENGINEERS
 MECHANICAL / ELECTRICAL
 3075 East Flamingo Road, Suite 100
 Las Vegas, NV 89121
 (702) 369-7011 FAX (702) 369-5853

All designs, arrangements and plans indicated or presented by this drawing, as instruments of service, are owned by and the property of DOMINGO CAMBEIRO CORPORATION. The use of these plans and/or specifications shall be restricted to the original site for which they were prepared and publication thereof is expressly limited to such use. Reproduction, publication or re-use by any method, in whole or part, is prohibited. None of such designs, arrangements or plans shall be used by or disclosed to any person, firm, agency, or corporation without the written permission of DOMINGO CAMBEIRO CORPORATION. Visual contact with these plans and specifications shall constitute prima facie evidence of acceptance of these restrictions.

SCHEDULES AND LEGENDS

DRAWN BY: M.Z.
 CHECKED BY: R.G.K.
 ISSUED DATE: 1-16-1992

Domingo Cambeiro Corporation

ARCHITECTURE ENGINEERING PLANNING INTERIORS

3555 PECOS-McLEOD IC. LAS VEGAS, NEVADA 89121 (702) 732-0084

ADMINISTRATION BUILDING
 DETENTION FACILITY EXPANSION
 CITY OF LAS VEGAS, NEVADA

AS-BUILTS
 10-1-1992

36 OF 41
E0.00

FILE NO. 10000000
 DATE: 1-16-1992

