



Ø1 DENTAL EQUIPMENT ELECTRICAL

*ALL SPECIFICATIONS TO BE VERIFIED BY A PATTERSON REPRESENTATIVE IN THE FIELD

DENTAL EQUIPMENT ELECTRICAL NOTES

SYMBOL	DENTAL EQUIPMENT ITEM	SUPPLIED BY	INSTRUCTIONS
E1	AIR COMPRESSOR	PATTERSON DENTAL	ELECTRICIAN TO PROVIDE AND INSTALL 230 V., 30 A., SEPARATE AND ISOLATED CIRCUIT @ 24" A.F.F. ELECTRICIAN TO PROVIDE APPROPRIATE WALL OUTLET. (NUMBERS MAY CHANGE FOR SPECIFIC EQUIPMENT. SEE PATTERSON REPRESENTATIVE FOR EXACT REQUIREMENTS OF EQUIPMENT)
E2	VACUUM PUMP	PATTERSON DENTAL	ELECTRICIAN TO PROVIDE AND INSTALL 2 EA., 230 V., 20 A., SEPARATE AND ISOLATED CIRCUIT @ 60" A.F.F. ELECTRICIAN TO PROVIDE APPROPRIATE WALL OUTLET.
E3	WATER FILTER	PATTERSON DENTAL	ELECTRICIAN TO PROVIDE 110V., 10A., SERVICE W/ 110V. X 24 VOLT TRANSFORMER AT LOCATION SHOWN.
E4	MASTER CONTROL PANEL	ELECTRICIAN	ELECTRICIAN TO PROVIDE AND INSTALL 4 SETS OF 4 CONDUCTOR #18 AWG LOW VOLTAGE WIRES FROM MASTER CONTROL PANEL TO THE FOLLOWING: <ul style="list-style-type: none"> * AIR COMPRESSOR---1 SET * VACUUM PUMP---2 SETS * WATER FILTER---1 SET ELECTRICIAN TO ALSO PROVIDE 110V. SERVICE ABOVE CEILING AS SHOWN W/ 110V., X 24V. TRANSFORMER.
E7	DENTAL CHAIR	PATTERSON DENTAL	ELECTRICIAN TO PROVIDE AND INSTALL 120 V., 20A., FLUSH MOUNTED, RECESSED HOSPITAL GRADE DUPLEX FLOOR PLUGS AS SHOWN. RUNNING LOAD 4 AMPS.
E8	INTRA ORAL X-RAY	PATTERSON DENTAL	ELECTRICIAN TO PROVIDE AND INSTALL 120 V., 20A., SEPARATE AND ISOLATED CIRCUIT AS SHOWN. ELECTRICIAN TO LEAVE 48" PIG-TAILS FROM WALL. CONTRACTOR TO PROVIDE SOLID WOOD BACKING FROM 30" A.F.F. TO 84" A.F.F. PLEASE USE MINIMUM OF 2" X 8" SEE TEMPLATE FOR EXACT LOCATION AND DETAILS. RUNNING LOAD 10 AMPS.

E9	X-RAY REMOTE	ELECTRICIAN	ELECTRICIAN TO PROVIDE AND INSTALL TWO EACH #18 AWG LOW VOLTAGE CONTROL WIRES FROM "X-RAY CONTROL" TO LOCATIONS - AS SHOWN.
E10	PANORAMIC X-RAY	PATTERSON DENTAL	ELECTRICIAN TO PROVIDE AND INSTALL 220V., 20A., SEPARATE AND ISOLATED CIRCUIT, W/ PLUG IN @ 12" A.F.F. AND 120V NON DEDICATED W/ PLUG IN @ 12" A.F.F. CONTRACTOR TO PROVIDE AND INSTALL SOLID STACKED WOOD BACKING FROM FLOOR TO CEILING. PLEASE USE MINIMUM OF 2" X 8" TO HOLD #400 LBS. PULL WEIGHT. CONTRACTOR TO PROVIDE 120V PLUG FOR COMPUTER WORKSTATION WITH DATA DROP. COMPUTER WORKSTATION PROVIDED AND LOCATED BY CLIENT.
E12	STERILIZATION CENTER	PATTERSON DENTAL	ELECTRICIAN TO PROVIDE AND INSTALL (2) TWO EACH 120V., 20A. SEPARATE AND ISOLATED CIRCUIT. (2) TWO EACH 120V., 20A. NON-DEDICATED. (1) ONE EACH 220V., 20A. SEPARATE AND ISOLATED CIRCUIT (VERIFY THAT THIS IS NEEDED WITH A PATTERSON REPRESENTATIVE BEFORE INSTALLATION). TO BE MADE UP IN WALL OUTLETS BY ELECTRICIAN @ LOCATION SHOWN. SEE TEMPLATE FOR DETAILS AND INSTRUCTIONS.
E13	CENTRAL CABINET W/ X-RAY	PATTERSON DENTAL	ELECTRICIAN TO PROVIDE AND INSTALL 120V., 10A., SERVICE IN QUAD BOX AS SHOWN ON TEMPLATE. DIRECT HOOK-UP BY ELECTRICIAN. ELECTRICIAN TO PROVIDE AND INSTALL 120 V., 20A., SEPARATE AND ISOLATED CIRCUIT AS SHOWN. ELECTRICIAN TO LEAVE 48" PIG-TAILS FROM WALL.
E14	OPERATORY CABINET	PATTERSON DENTAL	ELECTRICIAN TO PROVIDE AND INSTALL 120V., 20A., SERVICE IN QUAD ELECTRICAL BOX AS SHOWN ON TEMPLATE. DIRECT HOOK-UP BY ELECTRICIAN. SEE TEMPLATE FOR MORE DETAILS.
E15	UTILITY SERVICE CENTER	PATTERSON DENTAL	ELECTRICIAN TO PROVIDE AND INSTALL 120V., 10A., SERVICE IN QUAD ELECTRICAL BOX AS SHOWN ON TEMPLATE. SEE TEMPLATE FOR MORE DETAILS.

THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF PATTERSON DENTAL SUPPLY AND SHALL BE LIMITED TO A SPECIFIED PROJECT FOR THE PERSON OR ENTITY WHOSE NAME IS APPEARED ON THESE DRAWINGS. ANY REPRODUCTION OF PATTERSON DENTAL DRAWINGS WITHOUT THE WRITTEN PERMISSION OF PATTERSON DENTAL SUPPLY IS PROHIBITED. THESE DRAWINGS, ANY DISCREPANCIES OR CHANGES THEREIN, DO NOT SCALE. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS OF WORK BEFORE ANY WORK BEGINS. THESE PLANS ARE NOT INTENDED TO BE ARCHITECTURAL DRAWINGS. STATE AND/OR LOCAL JURISDICTION MAY REQUIRE PLANS TO BE APPROVED BY A LICENSED ARCHITECT. CONTRACTOR SHALL COMPLY WITH ALL STATE AND LOCAL CODES PERTAINING TO THE CONSTRUCTION OF THE PROJECT.

Project No.: **Ø8-025**
 Date: **OCTOBER 21, 2013**
 Detailed By: **KAREN BENNETT**
 Sheet:
 Scale: **1/4" = 1'-0"**
 Issue:
 Revision:
 1:
 2:
 Sheet No.: