



Engberg Anderson Design Partnership, Inc.
MILWAUKEE • MADISON

AMERICAN DENTAL PARTNERS- METAIRIE

2400 VETERANS BOULEVARD SUITE 210
KENNER, LOUISIANA

Owner
American Dental Partners, Inc.
3000 W. Esplanade Ave. Suite 200
Metairie, LA 70002

Project No 071750

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Equipment Schedule

AO.2

EQPT NO.	EQPT NAME	LOCATION	EQPT PROV BY	GENERAL CONTRACTOR TO PROVIDE	ELECTRICAL CONTRACTOR TO PROVIDE	MECHANICAL CONTRACTOR TO PROVIDE
E1	Vacuum Pump (VacStar)	Mechanical Room	Dental Equipment Supplier		(1) 230 V 20 Amp circuit, three phase, provide booster transformer if required, verify w/D.E.S. (Verify Existing Req. w/ D.E.S.) -Low Voltage connection to Master Switch with conduit or use plenum rated wiring. -Adequate ventilation by code. -Provide vent top that prohibits water infiltration at the floor.	2 inch diameter, schedule 40 PVC trunk line from pump to room branch lines. 1-1/2" diameter branch lines to other locations. Do not install 90 degree corners. (See Equipment Plan) -to make final connections to the pump -2" x 1/2" drain stand pipe and vent (verify with manufacturer that drain size is adequate for tank discharge volume) -IMPORTANT: Verify with D.E.S. what type of material is acceptable to be used for vent pipe. Vent pump through the roof.
E2	Air Compressor (AirStar 50)	Mechanical Room	Dental Equipment Supplier		(1) 230 V 30 Amp circuit, single phase, provide booster transformer if required, verify with D.E.S. (Verify Existing Req. w/ D.E.S.) -Low Voltage connection to Master Switch with conduit or use plenum rated wiring. -Adequate ventilation by code. -Greasy ventilation out of room if possible	-1/2" copper compressed air lines to Floor or Headwall Utility Centers at each Treatment (see Mech. Plan) -to make final connections to the compressor, install 3 way bypass and dryer provided by owner. -Provide fresh air intake
E3	Vacuum/Air Water Master Planer & Lighting Master Switch	Staff Entrance Vestibule	Dental Equipment Supplier (Vacuum, Air, Water Master Switch) Electrical contractor (Lighting Master Switch)		24 V Power -Low voltage connection to Vacuum Pump, Air Compressor & Water Manifold, and lighting circuits. Either place within conduit or use plenum rated wiring. Switches sized to system. Switches to have illuminated indicator lights (Switch(es) to be located 60" A.F.F.)	
E4	Water Manifold (Solonox)	Janitor's Closet	Dental Equipment Supplier		24 V Power -Low voltage connection to Master Switch, either place within conduit or use Teflon wiring. Verify low voltage connections with D.E.S.	-Provide solenoid valves on both the downstream side of the water softener and hot water heater. Valves not to be supplied on the incoming side. -Install ball valves and bypass piping on each side of solenoid. -Valve on hot water side to be installed upstream of recirculation pump
E5	Hot water recirculating pump	Janitor's Closet	Mechanical Contractor		Electrical connection - Coordinate w/ Mechanical contractor.	-Recirc. Pump and thermostat control. -Pump to run only when water in line reaches set point
E6	Domestic Water Heater	Janitor's Closet	Mechanical Contractor		Electrical contractor to verify required power with Plumbing/Mechanical Contractor	-40 gallon electric. Hang from ceiling.
E7	Nitrous Oxide and Oxygen Manifold and Tanks	Medical Gas Storage Room	Dental Equipment Supplier		-2" x blocking for tank rack placed horizontally in back wall of mechanical room at 40" above finish floor.	-3/8" o.d. Nitrous Oxide lines -1/2" o.d. Oxygen lines -piping 60 inches of finish floor and connect to manifold. -Supplier to purge and test system as required by N.F.P.A., Dental Equip Supplier to supply test manifold, Mech. Contractor to supply gas cylinders for test -Vent room as req. by Code.
E8	Not Incl.					
E9	Xray Activation switch	On headwalls outside Treatment/Hygiene Rooms	Dental equipment Supplier		-See x-ray unit (item 14) for coordination -Dental Equipment Supplier to install. -Mounting height: 66" to center of switch	-Refer to templates supplied by D.E.S. for mounting location -Provide low voltage switching and (2) #10 gauge power wires for single phase in wall. -Dedicated circuit (coordinate w/x-ray unit) -Verify w/D.E.S. if any other special accommodations need to be made for x-ray equipment that is located over 100' from electrical panel.
E10	Floor Utility Center	Treatment & Hygiene Rooms	Dental Equipment Supplier		-Box to be mounted 1'-6" from exterior wall to centerline of box top (8 Treatment Rooms, Hygiene Rooms Chair locations. -2x blocking around box location for void in slab. Blocking to be adequately staired to ground to avoid movement as slab is poured. -Verify with DES.	No water -1/2" I.D. compressed air -1/2" I.D. vacuum, 2 1/2" vacuum line to neck down to 1/2" i.d. line entering utility box. Verify Vacuum line sizing with the Dental Equipment Supplier. Line to project 2" above 10" slab elev. -3/8" angle steel valve to air supply.
E11	Dental Chair	Treatment & Hygiene Rooms	Dental Equipment Supplier. DES to set chair in place and make final connections to Utility Center			
E12	Track Mounted Dental Light	Operator & Hygiene Rooms	Dental Equipment Supplier		Verify requirements with Owner's D.E.S. -Fire treated blocking at ceiling to underside of deck above -Verify ceiling height before ordering	7-0 amp, 115 VAC +/-10%, 50/60Hz supply -Verify w/D.E.S. -Light to be circuited to room lighting control
E13	Not Incl.					
E14	X-Ray Equipment	Treatment & Hygiene Rooms	Dental Equipment Supplier		-Full height CFMF framing at headwall behind mounting location. -Provide plywood backer directly behind unit. See elevations. -Verify backing requirements w/D.E.S. and manufacturer	-120 V power, refer to templates supplied by D.E.S. for mounting location -Provide (3) #12 power wires from panel (#10 if distance exceeds 100 ft.). -Dedicated circuit. -Verify w/D.E.S. if any other special accommodations need to be made for x-ray equipment that is located over 100' from electrical panel. -See E9 for wall mounted switching requirements and location
E15	Wall Bumpers at X-ray heads	Treatment & Hygiene Rooms w/X-Ray	General Contractor		Rockwood #403. Provide two (2) per room. -Installation	
E16	Not Incl.					
E17	Curing Wand	Operator & Hygiene Rooms	Dental Equipment Supplier			
E18-19	Not Incl.					
E20	Triple Outlet Station	All Treatment Rooms	Dental Equipment Supplier		2 x blocking behind wall plate. Verify blocking with DES.	-3/8" o.d. Nitrous Oxide -1/2" o.d. oxygen lines -1/2" o.d. vacuum line -Boxes to be installed 1/2" above finish floor -Mech. Cont. to purge and test system as required by N.F.P.A.
E21	Typical Treatment Room Sink and fittings	Treatment Rooms, 1 each room	Mechanical Contractor		-Cold water supply -Hot water supply -Drain and vent -Mech. Cont. to size all supply, waste and vent piping as to Plumbing Code having jurisdiction -Sink: Kohler K-3363-1 with w/ K-8807 strainer -Faucet: Chicago 608-E3 -Thermostatic Mixing Valve: Watts USG-B-SC -Supply stops -Floodcontrol: Topmaster 1750 Kick Pedal Activation (No exposed tubes acceptable)	-Cold water supply -Hot water supply -Drain and vent -Mech. Cont. to size all supply, waste and vent piping as to Plumbing Code having jurisdiction -Sink: Kohler K-3363-1 with w/ K-8807 strainer -Faucet: Chicago 608-E3 -Thermostatic Mixing Valve: Watts USG-B-SC -Supply stops -Floodcontrol: Topmaster 1750 Kick Pedal Activation (No exposed tubes acceptable)
E22	Not Incl.					
E23	Glove Dispensers	Treatment, Hygiene, Steril., & Lab Rooms	Dental Equipment Supplier		-Installation location per elevations	
E24	Paper Towel Dispenser	Treatment, Hygiene, Steril., Lab., & Staff Room	General Contractor		-Installation location per elevations -Paper Towel dispenser: Bobrick B2521. These are to have knob latch only, NO KEYPED LOCKS.	
E25	Not Incl.					
E26	Coat Hook	1 each at all Treatment and Hygiene rooms, Consultation, Doctor's Office, Director's office	General contractor (Habele #842.54.1 White)		Blocking at wall to support hook.	
E27	Lead Apron Holder (Stainless St Finish)	Treatment, Hygiene Rooms and Panorex	Dental Equipment Supplier		Blocking at wall to support bracket and apron.	
E28	Not Incl.					
E29	Not Incl.					
E30	Trench Can (Stainless, step-on, with pad and liner)	1 each in Doctor's Office, Consultation, Scheduling/Reception	General Contractor		-In Doctor's Office & Consult Rooms, provide Simplehuman 3.2gal stainless steel can (#10019860 from www.theconairstore.com). -In Reception/Scheduling, provide Simplehuman 10gal stainless steel can (#10019867 from www.theconairstore.com).	
E31-38	Not Incl.					

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E39	Eye Wash System	Sterilization	Mechanical Contractor			-Cold water supply -Mech. Cont. to size all supply, waste and vent piping as to Plumbing Code having jurisdiction -Chicago Eyewash Fixture, #9010 NF -Supply stop -Mount eyewash on sink rim at back of sink. Make sure that eyewash does not interfere or have the faucet or sprayer interfere with its operation. Eyewash should seal out over sink bowl.
E40	Sterilization Sink	Sterilization	Mechanical Contractor			-Cold water supply -Hot water supply -Drain and vent -Mech. Cont. to size all supply, waste and vent piping as to Plumbing Code having jurisdiction -Sink: Elkay DLR series #2522-10 w/perforated grid strainer. Provide w/ 4 holes. -Faucet: Delta 172 WF wispry attachment.
E41	Quick Cycle Autoclave	Sterilization	Dental Equipment Supplier		-120v, 20 amp dedicated circuit in sterile cabinetry -GFCI outlet -Dedicated 3-wire circuit	
E42	11" Chamber Autoclave	Sterilization	Dental Equipment Supplier		Hole and grommet in countertop -115 V outlet in sterile cabinetry -Dedicated 3-wire circuit. -In practices with more than ten (10) rooms, plan on two (2) units.	
E43	Ultrasonic Cleaner	Sterilization	Dental Equipment Supplier		120 V outlet below counter -Practices with 6 or more treatment Rooms require 2 Ultrasonics	Connect drain line directly into waste line below counter top, do not drain into sink.
E44	Not Incl.					
E45	Not Incl.					
E46	Refrigerator	Sterilization	General Contractor		-120 V outlet below counter -Contractor to provide and install. -GE #GM804AMWV, color white -GC to verify model numbers. GE changes them annually.	
E47	Heat Sealer w/ Heat Seal Bag Material	Sterilization	Dental Equipment Supplier		-120V power below counter	-Install Heat Seal Bag material dispenser.
E48	Handpiece Prep Unit (Optional)	Sterilization	Dental Equipment Supplier		-120V Power below counter	Provide hole and grommet in counter above valve.
E49	22"x22" Bulletin Board	Sterilization	General Contractor			-Neal Slate Porcelain enamel steel marker board to be used as magnetic bulletin board. 22"x22" Color W402 white with .25 Tim in clear anodized aluminum. Magnets to be provided. (40 count) Claspide or equal 3/4" magnetic discs with white finish. (Order magnets thru Neal Slate) -Installation
E50	Laboratory Sink	Laboratory	Mechanical Contractor			-Cold water supply -Hot water supply -Drain and vent -Mech. Cont. to size all supply, waste and vent piping as to Plumbing Code having jurisdiction -Sink: Elkay DLR series #2522-10 w/perforated grid strainer. Provide 4 hole configuration. -Faucet: Delta #172 WF faucet
E51	Model Trimmer	Laboratory	Dental Equipment Supplier		120 V outlet below counter	-1" Flexible hose waste line, connect into sink waste line above Plaster Trap with dishwasher tailpiece through hole & grommet in countertop -1/4" cold water shut-off valve in countertop, Chicago #1305
E52	Polishing Lathe	Laboratory	Dental Equipment Supplier		120 V outlet below counter	-Attach waste tube directly to waste line above plaster trap below counter. NOT EMPTY TO WASTE SINK. -Verify waste tube size with D.E.S.
E53	Vibrator	Laboratory	Dental Equipment Supplier		120 V outlet below counter	
E54	Plaster Trap	Laboratory	Dental Equipment Supplier			1 1/2" Waste and Vent to lab. sink, install waste line into wall 18" above cabinet floor to cleat Plaster Trap
E55	Magnetic Strip #2, color white	Laboratory	Dental Equipment Supplier			Item through cabinet maker and installation. -Required blocking in wall for mounting bin, verify w/D.E.S. -Installation
E57	Air Outlet	Laboratory & Sterilization	Mechanical Contractor			Provide hole and grommet in counter above valve.
E58	Handpiece unit w/ foot control	Laboratory	Dental Equipment Supplier			-120v power through cabinet
E59	Splash Hood	Laboratory	Dental Equipment Supplier			
E60-69	Not Incl.					
E70	Sink	Staff Room	Mechanical Contractor			-Cold water supply -Hot water supply -Drain and vent -Mech. Cont. to size all supply, waste and vent piping as to Plumbing Code having jurisdiction -Sink: Elkay DLR series #RAD02224-5 w/basket strainer. Provide 4 hole configuration. -Faucet: Delta #172 WF faucet wispry attachment. -Provide Delta #72020 Dishwasher Air Gap.
E71	Lockers	Staff Room	General Contract (Lyons 5283)			-Blocking as required for attachment. Installation
E72	Refrigerator	Staff Room	General Contractor		-120V Duplex Outlet	Contractor to provide install, inc. all attach. to provide a complete working installation -GE QTS16BPHVW, w/ optional ice maker #MAA.
E73	Garbage Disposal	Staff Room	Mechanical Contractor		-120V direct wire power connection w/ wall switch	Contractor to provide and install inc. all attachments to provide a complete working installation -GE GFC03GF
E74	Microwave	Staff Room	General Contractor		-120V Duplex Outlet	attach. to provide a complete working installation -GE # JE81142WD.
E75	First Aid Kit	Staff Room	-Owner -Zee Medical Kit -Phone Number is 1-800-225-5933			Installation
E76	Large markerboard	Staff Room	General Contractor			Neal Slate XXXX series 42" w. x 36" h. w one half in porcelain enamel marker board color W402 white. One half in porcelain enamel marker board color W401 silver screen grey. 1/8" tim in clear anodized aluminum. Provide 12" magnetic tray. Installation
E77	Full length mirror	Staff Room	General Contractor			-Bobrick B-290-2460. -Installation
E78	Not Incl.					
E79	Fire Extinguisher in recessed cabinet	various	General Contractor			Installation. Cabinet to have white finish. See Spec for manufacturer and model
E80-98	Not Incl.					

EQPT NO.	EQPT NAME	LOCATION	EQPT PROV BY	GENERAL CONTRACTOR TO PROVIDE	ELECTRICAL CONTRACTOR TO PROVIDE	MECHANICAL CONTRACTOR TO PROVIDE
E99- E108 E109	Not Incl. Mop Sink	Janitor's Closet	Mechanical Contractor			-Cold water supply -Hot water supply -Mech. Cont. to size all supply, waste and vent piping as to Plumbing Code having jurisdiction -Provide FRP panels both side of sink. Panels to be 48"x48"
E110- E124 E127	Not Incl. Computer	All Treatment Rooms & Panorex	Tenant			-Cold water supply -Hot water supply -Drain and vent -Mech. Cont. to size all supply, waste and vent piping as to Plumbing Code having jurisdiction -Sink: Elkay DLR series #2522-10 w/perforated grid strainer. Provide w/ 4 holes. -Faucet: Delta 172 WF wispry attachment.
E128	Monitor	All Treatment Rooms & Panorex	Tenant			-120v power. -Provide 3" dia. grommet in back of computer cabinet. -Provide one (1) VGA & audio cable to monitor location (E128). See elevations for locations. Wall plates to be located behind treatment cabinetry. -Provide 24" extra length of cable in cabinet for final connection. -Provide 1 1/2" conduit to floor utility center E10 -Provide Cable connection to Server Room. -Provide 38" extra length of cable in cabinet for final connection. -Provide one (1) USB2.0 cable from wall plate located adjacent to Xray to cabinet. Wall plate to have finished type A connections. Provide 24" extra length of cable in cabinet for final connection. -Provide one (1) USB 2.0 cable to instrument arm of chair. Connect to Cat 5e @ headwall cabinet and instrument holder. -VGA and audio cables shall be plenum rated, shielded type. -See drawings for additional information. -(1) per Treatment Room - located on exam light.
E129	Server	Server Room	Tenant			-120v power on dedicated 30amp circuit
E130	Panorex	Panorex Room	Dental equipment Supplier (Plannex Proline X2)			-Three (3) single boxes, one (Box "B") for 120V - 20A dedicated receptacle for Pan/Ceph; one (Box "A") with 1" conduit to Plannex interface box; one (Box "C") with 1" conduit to x-ray switch (E137). Verify additional electrical requirements with manufacturer. -See E137 and E138 for switch and interface box requirements.
E131	Panorex remote switch	Patient Hallway	Dental equipment Supplier			-Verify with DES. -Box "C" with 1" conduit to x-ray switch. Verify additional electrical requirements with manufacturer. Mount 18" A.F.F. behind Panorex. -For Switch: quad box and 1" conduit w/pull string to Box "C", mount in hallway outside panorex at 60" A.F.F.
E132	Panorex interface box	Panorex Room	Dental equipment Supplier			-Verify with DES. -Box "A" with 1" conduit to Plannex interface box. -For interface box: 120 VAC single box w/ultrap receptacle, quad box and 1" conduit w/pull string to Box "A" by x-ray unit at 18" A.F.F. and 1" conduit to network switch box, server or CPU, top to be determined by Tenant.
E133- E140	Not Incl.					
E141	Computer Workstation	Panorex Room & Staff Room	Dental Equipment Supplier			-Blocking as required for attachment -Provide (1) 120v duplex outlet -Provide mud ring
E142	Not Incl.					
E143	Trash Bag Collar	Sterilization, Treatment and Hygiene Rooms, and Staff Room	Dental Equipment Supplier			Installation -Standard Collar: European Design #PL-2320 -Behazard Collar: European Design #PL-2340