

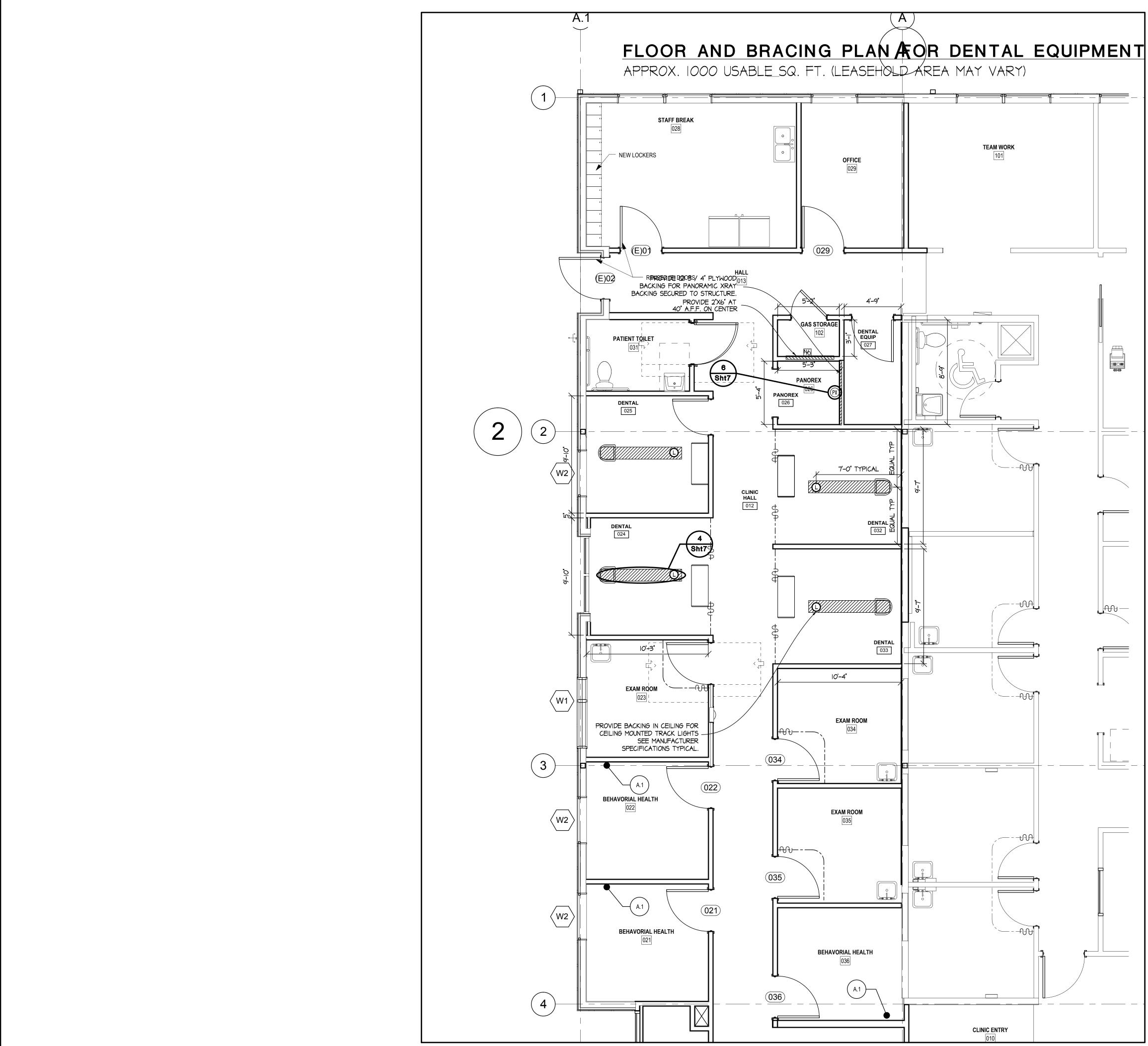
LEQUIPMENT PLACEMENT SCHEDUE MANJA ACURER/PLESCHETION MODEL # OUANITY VINSPED VINV NICHOPP TO: COURTY VINT ILEMANKG/DLIALS MANJA ACURER/PLESCHETION MODEL # OUANITY VINSPED VINV NICHOPP TO: COURTY VINT ILEMANKG/DLIALS MANJA ACURER/PLESCHETION MODEL # OUANITY VINSPED VINV NICHOPP TO: COURTY VINT ILEMANKG/DLIALS MECO RADUS RELIVEY VINT 5.53 22 13 / ILE MODEL RELIVEY VINSPED VINV DI ACCOMPTO MICHOPP TO: COURTY DI ACCOMPTO ILEMANKG/DLIALS VINTY VINT VINTY VINT VINTY VINT VINTY VINT VINTY VINT VINTY VINTY VINTY VINT VINTY VINTY	 		1. Province the province of the province	USE CALLED-OUT DIMEN NOTE: Note the service of th	cabinet heights, rest ro details should be modifi Act (A.D.A.) guidelines bust submit plans to bu the with all Federal, State re commencing work. N y dental treatment room for building-out an oper ilar layout of the equipr atible with the A.D.A. or d Burkhart are not Arch not warrant or represer other applicable law or or to installing the equip policable law or code. olumbing, and structural dental equipment can be equipment. Check all Architect's plans. The s compliance with Federa connections and fixtures hese drawings do not pr ements for the building ts for further informatio PLAN WITH	ed to and similar Iding and and Local lotify as and/or atory but, nent in a other itects or t that the code. ment to require- installed. measure- specifications I, State required ovide for or office n.	Listed requirem equipment show requirements for 1) Segregation Construction bid specifications si equipment show this project sin remainder of th 2)Contractor fu noted and show codes and regu with the curren Burkhart, inform construction de purposes and d 3) General cor Burkhart repres manufacturer's must be preser before any med must take plac At this meeting placement of el doctor is reusir sure that the cor most likely requ 4) General cor representative to Our office need and 72 hours fi inspection by o mechanical serv 5) Contractor is	s required to check with Burkhart for a list of subcontractors required	and will Branch	YAKIMA BRANCH 1705 CREEKSIDE LOOP YAKIMA, WA 98902 LOCAL: 509-248-5441 • FAX: 866-401-6649 WWW.burkhartdental.com
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When the contractor or his representative takes possession of these items ponsible for their safekeeping and condition. uipment installation requires approximately 1-2 days for each operatory, however tim ding on the configuration of equipment. Contractor to schedule with Burkhart the needed at least thirty days in advance. Schedule required days for after completic and before occupancy of tenant. tor shall obtain and pay for all permits. The contractor shall coordinate and sched e official inspections. to install paper towel, cup, glove, and miscellaneous dispensers as required. rovide wall mounted items for restrooms if applicable; tenant to provide all ot towel dispensers, unless otherwise noted. Contractor to provide paper towel to verify with tenant all items (including their dimensions and their mechanical at are not supplied by Burkhart. These items might include but are not limited to h compactor, clothes washer and dryer, etc.	s, ne dule	CHARARARA Wiedge. Client Success. Anerican Dental Trade SUPPLY COMPANY REVISION #10, 1-2004
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		SCICAN CASSETTE STERILIZER STATIM 2000 1 FB / IB SITS ON COUNTER TO BE LOCATED Sheet 2 of 8 Drafted By: MA #I H-9-2019 HA HA <td>SCICAN CASSETTE STERILIZER STATIM 2000 1 FB / IB SITS ON COUNTER TO BE LOCATED Sheet 2 of 8 Drafted By: MA #I I-9-2019 MA #I I-9-2019 MA #2 Image: Counter of the coun</td> <td>MANUFACTURER/DESCRIPTION ADEC PATIENT CHAIR ADEC RADIUS DELIVERY UNIT ADEC RADIUS DELIVERY UNIT ADEC CEILING MOUNTED TRACK LIGHT ADEC CEILING MOUNTED TRACK LIGHT ADEC REAR TREATMENT CABINETRY ADEC SIDE CABINET WITH SINK PORTER GAS MANIFOLD SYSTEM, PORTER CONCEALED ZONE VALVE AIR TECHNIQUES DRY VACUUM SYSTEM AIR TECHNIQUES AIR COMPRESSOR VATECH AMERICA PANORAMIC XRAY</td> <td>MODEL # 511 532 533 577 LED 5562.42 5531.58 VANGUARD ZONE MOJAVE V5 AIRSTAR 50 PAX-I 2D</td> <td>4 2 2 4 4 4</td> <td>INSTALLED BY: B=BURKHART O=OTHERS FB / IB FB / IB FB / IB FB / IB FB / IB FB / IB FB / I0 FB / I0 FB / I0 FB / IB FB / IB FB / IB FB / IB</td> <td>FLOOR, WALL, OR CEILINGREMARKS/DETAILSSITS ON FLOOR</td> <td>DENTAL EQUIPMENT PLAN FOR</td> <td>Maters Community Health Joseph, OR Acct. Manager: REEDY BERG (C) COMMINDED 1992</td>	SCICAN CASSETTE STERILIZER STATIM 2000 1 FB / IB SITS ON COUNTER TO BE LOCATED Sheet 2 of 8 Drafted By: MA #I I-9-2019 MA #I I-9-2019 MA #2 Image: Counter of the coun	MANUFACTURER/DESCRIPTION ADEC PATIENT CHAIR ADEC RADIUS DELIVERY UNIT ADEC RADIUS DELIVERY UNIT ADEC CEILING MOUNTED TRACK LIGHT ADEC CEILING MOUNTED TRACK LIGHT ADEC REAR TREATMENT CABINETRY ADEC SIDE CABINET WITH SINK PORTER GAS MANIFOLD SYSTEM, PORTER CONCEALED ZONE VALVE AIR TECHNIQUES DRY VACUUM SYSTEM AIR TECHNIQUES AIR COMPRESSOR VATECH AMERICA PANORAMIC XRAY	MODEL # 511 532 533 577 LED 5562.42 5531.58 VANGUARD ZONE MOJAVE V5 AIRSTAR 50 PAX-I 2D	4 2 2 4 4 4	INSTALLED BY: B=BURKHART O=OTHERS FB / IB FB / IB FB / IB FB / IB FB / IB FB / IB FB / I0 FB / I0 FB / I0 FB / IB FB / IB FB / IB FB / IB	FLOOR, WALL, OR CEILINGREMARKS/DETAILSSITS ON FLOOR	DENTAL EQUIPMENT PLAN FOR	Maters Community Health Joseph, OR Acct. Manager: REEDY BERG (C) COMMINDED 1992
	Sheet 2 of a	$\begin{array}{c c} \text{Drafted By:} & \checkmark \\ \hline \\ MA \#I & \Box \\ I-9-2019 & \Box \end{array}$	Drafted By: ✓ MA #I I-9-2019 MA #2 in the second s	MANUFACTURER/DESCRIPTION ADEC PATIENT CHAIR ADEC RADIUS DELIVERY UNIT ADEC RADIUS DELIVERY UNIT ADEC RADIUS DELIVERY UNIT ADEC CEILING MOUNTED TRACK LIGHT ADEC CEILING MOUNTED TRACK LIGHT ADEC REAR TREATMENT CABINETRY ADEC SIDE CABINET WITH SINK PORTER GAS MANIFOLD SYSTEM, PORTER CONCEALED ZONE VALVE AIR TECHNIQUES DRY VACUUM SYSTEM AIR TECHNIQUES AIR COMPRESSOR VATECH AMERICA PANORAMIC XRAY COLTENE ULTRASONIC CLEANER	MODEL # 511 532 533 577 LED 5562.42 5531.58 VANGUARD ZONE MOJAVE V5 AIRSTAR 50 PAX-I 2D UC300	4 2 2 4 4 4	INSTALLED BY: B=BURKHART O=OTHERS FB / IB FB / IB FB / IB FB / IB FB / IB FB / IB FB / I0 FB / I0 FB / I0 FB / I0 FB / IB FB / IB FB / IB FB / IB	FLOOR, WALL, OR CEILING REMARKS/DETAILS SITS ON FLOOR MOUNTS MOUNTS ON CHAIR MOUNTS MOUNTS ON CHAIR MOUNTS MOUNTS ON CHAIR SITS ON SITS ON FLOOR SITS ON SITS ON FLOOR MOUNTS SITS ON FLOOR MOUNTS MOUNTS MOUNTS SITS ON FLOOR SITS ON SITS ON FLOOR SITS ON SITS ON FLOOR TO BE LOCATED SITS ON TO BE LOCATED SITS ON TO BE LOCATED	DENTAL EQUIPMENT PLAN FOR	Maters Community Health Joseph, OR Acct. Manager: REEDY BERG (C) COMMINDED 1992
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MA #3 2-5-2019

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Scale: |**/4["]=**|'**-**0"



BRACING / BACKING LEGEND

(A) All wood backing and bracing to be of fire resistant or substitute for other material if required by local code. Verify structural application with Burkhart and architect / designer.

(B) Notify Burkhart if ceiling height in the operatories is less than 7'-8" (92"). Ceiling height may effect equipment installation.

Miscellaneous wood backing, see notes for details. Verify size and location with Burkhart Dental. All dental x—rays require backing. See manufacturer's templates provided by Burkhart.

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DO NOT SCALE FROM THESE DRAWINGS. USE CALLED-OUT DIMENSIONS ONLY.

<u>NOTE:</u>

All framing, bracing, door sizes, floor levels, cabinet heights, rest room and lunch room facilities (if any) and other design details should be modified to comply with latest Americans With Disabilities Act (A.D.A.) guidelines and similar State requirements. Architect or Contractor must submit plans to building and other local officials as necessary for compliance with all Federal, State and Local building codes, including A.D.A. guidelines, before commencing work. Notify Burkhart of any changes that would modify any dental treatment rooms and/or any dental cabinet layout.

These plans are not meant to be a design for building—out an operatory but, instead, represent only a sample layout; a similar layout of the equipment in a dentist's facilities will not necessarily be compatible with the A.D.A. or other applicable law or code. The manufacturers and Burkhart are not Architects or Engineers; the manufacturers and Burkhart do not warrant or represent that the the plans are in compliance with the A.D.A. or other applicable law or code. The dentist should consult their Architects prior to installing the equipment to ensure compliance with the A.D.A. or other applicable law or code.

The Contractor should furnish all electrical, plumbing, and structural requirements listed, as this is necessary before the dental equipment can be installed. The tenant, or Burkhart, will furnish the dental equipment. Check all measurements with the actual building dimensions, or Architect's plans. The specifications shown on this plan have <u>not</u> been checked for compliance with Federal, State or Local building codes and regulations.

Listed requirements show only the services, connections and fixtures required for the dental office equipment shown; and these drawings do not provide for the electrical, mechanical and structural requirements for the building or office as a whole.

See Mechanical Specification and Detail Sheets for further information.

THIS IS A SUGGESTED PLAN WITH SPECIFICATIONS FOR THE DENTAL EQUIPMENT ONLY.

<u>ELECTRICAL LEGEND</u>	Nitrous oxide and oxygen manifold location. Provide continuously to 🕪 and / or 😡
ALL ITEMS NOT MARKED WITH A CHECK ARE NOT APPLICABLE TO THIS JOB	install per mfg. specs. All aspects of installation to Must be Medical Gas Certified plumber. Note: Typical storage closet will contain:
A) All electrical outlets and locations of utility callouts are to be measured to the bottom of a 2x4 or 4x4 electrical box. Electrical outlets not specified are 18" above floor or 6" above countertop. All putlets above countertop should be verified with cabinet elevations for conflict with backsplashes, etc.	 (2) - "G" tanks of N O at 489 CF ((2) - "G" tanks of O²₂ at 244 CF ea
B) If dimensions of electrical and utility locations are not specified, verify and discuss locations with Burkhart and designer and owner / tenant.	Provide 110V separate circuit. This product drSee manufacturer's templates provided by But
) If required by code, provide a separate disconnect switch for each x-ray location, verify.	Nitrous oxide / oxygen alarm monitoring station loc wth all local and federal codes.
) Burkhart equipment installers are not licensed contractors. Consequently, the final "hard" lectrical and plumbing connections must be made by the applicable contractors at the time of quipment installation.	Provide 1/2" electrical conduit with pull string per manufacturer's specifications.
 Recommended lighting information: a) Strip type fluorescent task lighting mounted under upper wall—hung cabinetry. Verify 	 ✓ Install mfg. provided cable from _✓ Mo AN ✓ See manufacturer's templates provided by But
locations with doctor. b) See plans by others for general and decorative lighting and wall switching.	Zone valve for nitrous oxide and oxygen with wiring
c) If required by local code or requested by building owner / tenant, provide battery backup emergency lights in each operatory. Emergency lighting in other areas of the suite to be provided per code.	 provided by Burkhart installed by contractor. Must b All aspects to comply with NFPA 99C Level 3 stand See manfuacturer's templates provided by Bu
d) Provide minimum 150—200 foot—candles illuminaion at countertop height (30—32") in all operatories. Suggested lighting should meet the following criteria: Color Rendering Index (CRI): 90 or above	(-) Dental unit utility center location.
Color Preference Index (CPI): 90 or above Spectral Energy Distribution (SED): Natural Daylight	 Provide 110 volt hardwire connection. This pro Provide 110 volt quad outlet. This product drop
Color Temperature in Degrees Kelvin (K): 5500 K 	Provide compressed air for instrumentation de valves or 3-piece ball valves as required by l
air, vacuum, vents, electrical and waste lines when designated on plans. Notify and obtain approval of building manager, if applicable, before discontinuing service prior to hook—up.	Provide vacuum.Provide 2" conduit.
G) Notify Burkhart if ceiling height in the operatories is less than 7'—8" (92"). Ceiling neight may effect equipment installation.	Provide cold water.
 All equipment, including low voltage items, which requires hard wiring to be connected contractor. Burkhart recommends surge supression for all dedicated circuits. 	 Provide low voltage wires. See manufacturer's templates provided by Bur
) Some of the dental equipment provided by Burkhart requires mud rings, rough—in boxes, and cover plates. Contractor provide and install as required per manufacturer's instructions.	U-2 Dental unit utility center location. Provide 110 volt hardwire connection. This provide
J) Data processing equipment, terminal locations and wiring by others.	 Provide 110 volt radiume connection. This product dra Provide 110 volt quad outlet. This product dra Provide compressed air for instrumentation dra
\langle) GFCI breakers may be required at the panel for all circuits serving the patient treatment areas, verify with your local code officials.	valves or 3-piece ball valves as required by l Provide vacuum.
	🗹 Provide 2" conduit.
	 Provide cold water. Provide low voltage wires.
	See manufacturer's templates provided by Bu
\square = 110 volt dedicated outlet. FOR TABLETOP ULTRASONIC CLEANER TO BE LOCATED.	CP Location of control panel for low voltage switching. Provide wires / cabling to each 🖌 vacuum pump.
See plans by others for any additional outlets that may be required in non-treatment areas.	Provide and install Cat 6 cabling to each.
 110 volt dedicated outlet. This product draws6 amps. 220 volt dedicated outlet. This product draws amps. 	 Provide Cat 6 cabling to each. Provide4 sets 4 #18 wires to each.
ST= Sterilizer location TO BE LOCATED.	 Provide 1/4" polyflow tubing to compressed of Provide 1/4" polyflow tubing to compressed of
 Provide 110 volt dedicated circuit. This product draws12 EACH amps. Provide 220 volt dedicated circuit. This product draws amps. 	 Provide 1/4" polyflow tubing to vacuum line. See manufacturer's templates provided by Building
 Provide drain. Provide cold water. 	Dental compressed air for instrumentation devices lo
 Provide hot water. See manfuacturer's templates provided by Burkhart. 	Provide (3 wire w/ground), single phase wiring per n 1/2" minimum I.D. copper air lines to termination lo
Dental operating light location. Provide 110 volt electrical per manufacturer's specifications.	stop valves or 3-piece ball valves as required by lo location per mfg specifications. See (P) symbol. N electrical supply. See Burkhart for details. Provide 2
wood backing per mfg's specifications. See bracing / backing for more information.	 Provide 110 volt dedicated circuit. This product Provide 220 volt 30 amp dedicated circuit. The
 Provide low voltage wiring from light location to chair. See manufacturer's templates provided by Burkhart. 	Hardwire connection with disconnect. Provide receptacle. Verify finish configuration
 X-ray remote switch location. Provide the required number of stranded color coded wires from (A) OR (A) locations 	 Provide ethernet data drop See manufacturer's templates provided by Building
 Provide the required number of stranded color coded wires from () OR Iocations as noted on plan and per manufacturer's specifications. Provide CAT 5 E cable to this location also. 	Central dental vacuum motor pump location. Provide (3 wire w/ground), single phase wiring per r
🕢 Install mfg provided cables from Burkhart.	drain to sewer. Provide under floor piping continuous and mfg. specs. Install wires to control panel locat
See manufacturer templates provided by Burkhart for termination information.	Provide2" or3" exhaust to outside of t per NFPA. Notify Burkhart of voltage variance in bui
Panoramic X—ray machine location. Provide (3 wires with ground) single phase wiring per plan and manufacturer's	Provide (quantity) cold water hook-up(
specifications. Confer with Burkhart for ceiling height requirements.	 Provide cold water location, 3/4" hose bib. Provide 110 volt dedicated circuit(s). T Provide 220 volt 20 gmp dedicated
 Provide 110 volt dedicated circuit. This product draws15 amps. Provide 220 volt dedicated circuit. This product draws amps. 	 Provide1 220 volt 20 amp dedicated Hardwire connection with disconnect. Provide recentable Verify fields configuration
 Install mfg provided cable per Burkhart instructions. See manufacturer's templates provided by Burkhart. 	 Provide receptacle. Verify finish configuration Provide 120V dedicated outlet at 24" a.f.f. ar This product draws 5 amps
Exhaust fan or other. Provide and switch separately at convenient wall location.	This product draws 5 amps. Provide ethernet data drop Source design to be a morely design
When installed in a mechanical room, exhaust fan should be thermostatically controlled. Must supply adequate air intake to allow airflow through room. Maintain temperatures between 40 and 90 degrees F. Mechanical room equipment produces heat:	Sewer drain to be wall drain, to design and / or local codes.
Air Compressor4400 BTU/hour Vacuum3021 — 7660 BTU/hour	 Exhaust piping to tolerate 180 degrees Fahrer See manufacturer's templates provided by But
FORCED AIR AND HVAC INPUT MUST BE USED IN ADDITION TO AN EXHAUST FAN IF NORMAL	
AMBIENT TEMPERATURES VARY FROM SPECIFIED OPERATING TEMPERATURE RANGE. See plans by others for additional exhaust fans that may be required.	
DO NOT SCALE FROM THESE DRAWINGS.	AVERAGE EQUIPMENT LOADS (In Amps) Amalgamator I.O Model Trimmer
USE CALLED-OUT DIMENSIONS ONLY.	Chairs 10.0 Ultrasonic Cleane Communication system 2.0 Ultrasonic Scaler

<u>NOTE:</u>

All framing, bracing, door sizes, floor levels, cabinet heights, rest room and lunch room facilities (if any) and other design details should be modified to comply with latest Americans With Disabilities Act (A.D.A.) guidelines and similar State requirements. Architect or Contractor must submit plans to building and other local officials as necessary for compliance with all Federal, State and Local building codes, including A.D.A. guidelines, before commencing work. Notify Burkhart of any changes that would modify any dental treatment rooms and/or any dental cabinet layout.

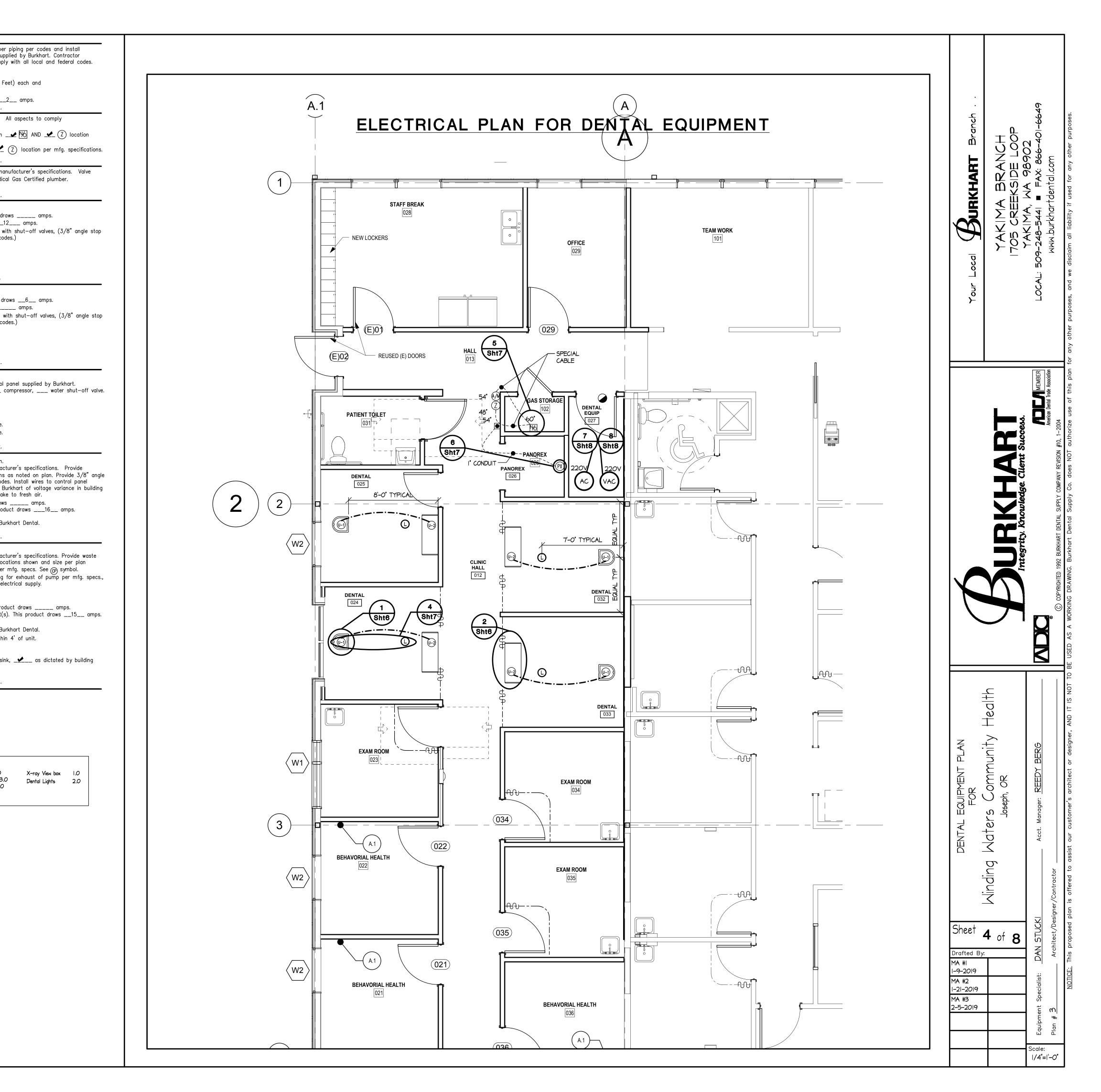
These plans are not meant to be a design for building-out an operatory but, instead, represent only a sample layout; a similar layout of the equipment in a dentist's facilities will not necessarily be compatible with the A.D.A. or other applicable law or code. The manufacturers and Burkhart are not Architects or Engineers; the manufacturers and Burkhart do not warrant or represent that the the plans are in compliance with the A.D.A. or other applicable law or code. The dentist should consult their Architects prior to installing the equipment to ensure compliance with the A.D.A. or other applicable law or code.

The Contractor should furnish all electrical, plumbing, and structural requirements listed, as this is necessary before the dental equipment can be installed. The tenant, or Burkhart, will furnish the dental equipment. Check all measurements with the actual building dimensions, or Architect's plans. The specifications shown on this plan have <u>not</u> been checked for compliance with Federal, State or Local building codes and regulations.

Listed requirements show only the services, connections and fixtures required for the dental office equipment shown; and these drawings do not provide for the electrical, mechanical and structural requirements for the building or office as a whole. See Mechanical Specification and Detail Sheets for further information.

THIS IS A SUGGESTED PLAN WITH

SPECIFICATIONS FOR THE DENTAL EQUIPMENT ONLY.



APPLICABLE TO THIS JOB	local codes.
A) If dimensions of electrical and utility locations are not specified verify and discuss with Burkhart and designer and owner / tenant.	Terminate 1" above finished floor unless otherwise specified Provide 24 hour leak test at 100 PSI with oilless clean air Where indicated rough—in, cap lines for future use.
B) Burkhart equipment installers are not licensed contractors thus some of the final "hard" lental equipment connections must be made by the applicable contractors at the time of equipment installation.	Dental vacuum lines. Use only schedule 40 PVC pipe (or c by local code. Slope 1/4" for every 10 feet of run toward pump location. Avoid 90 degree angles when possible. S
The contractor shall verify location and access to existing building utiltiies, including water, gas, vacuum, vents, electrical and waste lines when designated on plans. Notify and obtain approval building manager, if applicable, before discontinuing service prior to hook—up.	 Final hook up by plumber. Vacuum lines to run sub grade and to follow trench layout. Indicates termination point.
)) All vacuums to be hooked up by contractor as well as sinks, mixing valves, trous controls and outlets, developing tanks, etc. :) Many areas require back flow prevention——consult local codes and install as necessary.	
THIS FACILITY IS A CATEGORY 3 GAS AND VACUUM SYSTEMS CLINIC AS DESCRIBED IN NFPA 99 2012 GUIDELINES, CHAPTER 5: GAS AND VACUUM SYSTEMS.	PLUMBING TERMINATIONS FOR EQUIPMENT REQUIRED BY SERVICE DEPARTMENT FOR DRY VACUUM SYSTEMS THIS FACILITY IS A CATEGORY 3 GAS AND VACUUM SYSTEMS CLINIC AS DE NFPA 99 2012 GUIDELINES, CHAPTER 5: GAS AND VACUUM SYSTEMS.
\overbrace{A} Compressed air for instrumentation devices valve location. Contractor furnish and install 3/8" compression angle stop or 3-piece ball valve as required by local codes.	Vacuum Systems: Operatory – 1–1/2" stub up in each operatory terminating in 3/4" female Pump – 1–1/2" – 2" (VERIFY) female pipe thread
Nitrous oxide, oxygen and dental vacuum outlet location. Provide copper piping per codes. Outlets supplied by Burkhart, contractor install per codes. Must be Medical Gas Certified Plumber. All aspects of installation to comply with all local and federal codes See manufacturer's templates provided by Burkhart.	Water - 3/8" compression fitting (angle stop) Compressed air for Instrumentation Devices Systems: At compressor - 1/2" female pipe thread In operatory - 3/8" compression angle stop or 3-piece ball valves as requ
Zone valve for nitrous oxide and oxygen with wiring per manufacturer's specifications. Valve provided by Burkhart installed by contractor. Must be Medical Gas Certified plumber. All aspects to comply with NFPA 99C Level 3 standards. See manfuacturer's templates provided by Burkhart.	
Dental vacuum outlet location. Outlet supplied by Burkhart, contractor install per manufacturer's specs.	PLUMBING INSTALLATION INSTRUCTIONS FOR CENTRAL OXYGEN AND NITROUS OXIDE PIPING SYSTEMS ALL ASPECTS OF INSTALLATION AND STORAGE TO COMPLY WITH CURRENT CO
EROMercury separation and collection. Unit needs to be placed on the floor and inserted into the vacuum line immediately before the vacuum unit. Standard unit size is 23.5"Hx20"Wx8"D unless noted otherwise.	THIS FACILITY IS A CATEGORY 3 GAS AND VACUUM SYSTEMS CLINIC AS DES NFPA 99 2012 GUIDELINES, CHAPTER 5: GAS AND VACUUM SYSTEMS. 1. Plumber furnish and install the copper tubing. A: Use tupe "K" or "I": Pre cleaned decreased copper tubing.
Nitrous oxide and oxygen manifold location. Provide copper piping per codes and install continuously to (10) and / or (10/20) locations. Manifold supplied by Burkhart. Contractor install per mfg. specs. All aspects of installation to comply with all local and federal codes. Must be Medical Gas Certified plumber.	 A: Use type "K" or "L"; Pre-cleaned, degreased, capped copper tubing. B. Use 1/2" O.D. tubing for oxygen lines. C. Use 3/8" O.D. tubing for nitrous oxide lines. D. Braze all joints. Fahrenheit. Do not use corrosive flux.
 Note: Typical storage closet will contain: (2) - "G" tanks of N O at 489 CF (Cubic Feet) each and (2) - "G" tanks of O²₂ at 244 CF each. Provide 110V separate circuit. This product draws2_ amps. 	 E. Mark pipelines every 20 feet. Blue for nitrous oxide. Green for oxygen. F. Install quick connect boxes and tank room manifold supplied by dental 2. Test system for leaks. A. Use water pumped dry nitrogen. B. Fill system to 150 psi.
See manufacturer's templates provided by Burkhart. Zone valve for nitrous oxide and oxygen with wiring per manufacturer's specifications. Valve provided by Burkhart installed by contractor. Must be Medical Gas Certified plumber. All aspects to comply with NFPA 99C Level 3 standards.	 C. Disconnect nitrogen tank. D. System should hold pressure for 24 hours. Allow + or - 5 psi for ter differences. 3. All piping must comply with local plumbing and fire regulations. Must be
 See manfuacturer's templates provided by Burkhart. Dental unit utility center location. Dentity 110 with heretain accuration. 	Medical Gas Certified Plumber. 4. All aspects of installation must comply with current codes.
 Provide 110 volt hardwire connection. This product draws amps. Provide 110 volt quad outlet. This product draws12 amps. Provide compressed air for instrumentation devices with shut-off valves, (3/8" angle stop 	NITROUS GAS AND OXYGEN TANK STORAGE ROOM CONSTRUCTION AND VENT FOR LEVEL 3 INSTALLATIONS ONLY. Provide 1-hour construction of closet. Natural ventilation is permitted if go under 3000 cubic feet.
valves or 3-piece ball valves as required by local codes.)	Provide two louvered openings, each having a minimum free area of 72 sq with one located within 1 foot of the floor and one located within 1 ft of
 Provide 2" conduit. Provide cold water. Provide low voltage wires. See manufacturer's templates provided by Burkhart. 	Louvered natural ventilation shall only be allow directly to the outside. Pro mechanical ventilation to all indoor locations.
 Provide vacuum. Provide 2" conduit. Provide cold water. Provide low voltage wires. See manufacturer's templates provided by Burkhart. Dental compressed air for instrumentation devices location. Provide (3 wire w/ground), single phase wiring per manufacturer's specifications. Provide	
 1/2" minimum I.D. copper air lines to termination locations as noted on plan. Provide 3/8" angle stop valves or 3-piece ball valves as required by local codes. Install wires to control panel location per mfg specifications. See (P) symbol. Notify Burkhart of voltage variance in building electrical supply. See Burkhart for details. Provide 2" intake to fresh air. Provide 110 volt dedicated circuit. This product draws amps. 	
stop valves or 3-piece ball valves as required by local codes. Install wires to control panel location per mfg specifications. See (CP) symbol. Notify Burkhart of voltage variance in building electrical supply. See Burkhart for details. Provide 2" intake to fresh air.	
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