- 1. ALL DIMENSIONS AND FIELD CONDITIONS WILL BE VERIFIED BY THE GENERAL CONTRACTOR. THE ACCURACY OF THE FIELD MEASUREMENTS IS THE RESPONSIBILITY OF THE GENERAL
- 2. THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS WILL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL LAWS AND ORDINANCES PERTAINING TO THE CONSTRUCTION OF THIS DENTAL OFFICE.
- 3. MILLWORK SHALL BE DESIGNED BY THE MILLWORK SUPPLIER AND/OR DENTAL CABINETRY SUPPLIER EXCEPT AS NOTED.
- 4. BENCO SUGGESTS COMPLIANCE WITH CDC/OSHA RECOMMENDATIONS AGAINST INSTALLING CARPETING IN TREATMENT ROOMS.
- 5. ALL HAZARDS, TEMPORARY OR OTHERWISE SHALL BE PROTECTED TO PRESERVE PUBLIC
- 6. BENCO WILL SUPPLY ALL DETAILED TEMPLATES AND/OR DETAIL MANUFACTURER'S INSTRUCTIONS. SUCH TEMPLATES AND INSTRUCTIONS WILL DEFINE THE LOCATIONS, CONNECTIONS, AND SERVICES REQUIRED BY THE DENTAL EQUIPMENT. ERRORS RESULTING FROM THE FAILURE OF THE GENERAL CONTRACTOR TO FOLLOW THE INSTRUCTIONS AND/OR TEMPLATES WILL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
- 7. DIMENSIONS FOR ALL DENTAL EQUIPMENT ARE CRITICAL AND MUST COMPLY WITH THE MANUFACTURER'S SPECIFICATIONS, AS SUPPLIED BY BENCO. BENCO WILL NOT ASSUME RESPONSIBILITY FOR UNAUTHORIZED VARIATIONS TO THE PLANS AND/OR THE MANUFACTURER'S SPECIFICATIONS.
- 8. WHERE NEW MATERIALS ARE TO BE APPLIED IN EXISTING AREAS, THE GENERAL CONTRACTOR WILL REMOVE EXISTING MATERIALS, AS REQUIRED, AND PROPERLY PREPARE AREA TO RECEIVE THE NEW WORK.
- 9. THE GENERAL CONTRACTOR WILL INSPECT ALL AREAS OF CONSTRUCTION AFTER COMPLETION OF THE WORK AND PROVIDE "REPAIR" AND "TOUCH-UP" PAINTING, IN ORDER TO RETURN AREA TO ORIGINAL CONDITION.
- 10. ALL WORK FOR ALL TRADES WILL BE GUARANTEED FOR A PERIOD OF ONE YEAR MINIMUM FROM THE DATE OF ITS ACCEPTANCE.
- 11. ALL MATERIALS INCORPORATED INTO THE WORK WILL BE NEW, UNLESS OTHERWISE NOTED. INSPECTIONS BY A BENCO REPRESENTATIVE ARE AN INTEGRAL PART OF OFFICE
- 12. <u>IT IS RESPONSIBILITY OF THE CUSTOMER OR HIS GENERAL CONTRACTOR TO ARRANGE FOR ALL MEETINGS, INCLUDING THE INITIAL REVIEW OF THE PLANS, SPECIFICATIONS, AND TEMPLATES AND ALL SUBSEQUENT INSPECTIONS.</u>

BENCO DENTAL INSPECTIONS

- INITIAL REVIEW OF THE PLANS, SPECIFICATIONS, AND FIELD CONDITIONS WITH THE GENERAL CONTRACTOR, CARPENTER, PLUMBER, AND ELECTRICIAN BEFORE RENOVATIONS BEGIN.
- INSPECTION AFTER FRAMING AND BLOCKING ARE COMPLETE, PLUMBING AND ELECTRICAL LINES ARE INSTALLED, AND BEFORE WALLS AND/OR FLOORS ARE
- FINAL INSPECTION AFTER FINISH WORK IS COMPLETE, TWO (2) DAYS PRIOR TO THE INSTALLATION OF DENTAL EQUIPMENT.
- 13. BENCO WILL BE PROVIDED FIVE (5) DAYS ADVANCE NOTICE OF ALL MEETINGS. TO ARRANGE THE ABOVE, PLEASE CALL THE EQUIPMENT SPECIALIST LISTED UNDER THE PROJECT TEAM SECTION OF THE COVER SHEET.
- 14. CONTRACTOR SHALL CONSULT DOCTOR AND/OR BUILDING OWNER AND, WHERE APPLICABLE, BE RESPONSIBLE FOR THE SUPPLY AND INSTALLATION OF THE FOLLOWING:
 - a. UPGRADING AND INSTALLATION OF ELECTRICAL SERVICE TO DENTAL OFFICE b. COMPLETE HVAC SYSTEM
 - HOT WATER SYSTEM
 - d. FIRE SAFETY DEVICES INCLUDING: ALARMS, DETECTORS, EXTINGUISHERS, ETC. e. ILLUMINATED EXIT SIGNS
 - GENERAL AND EMERGENCY LIGHTING g. TELEPHONE SYSTEM AND WIRING
- h. SOUND SYSTEM i. COMPUTER SYSTEM WIRING

KEYSTONE HEALTH CENTER

STE B3A **767 5TH AVE** CHAMBERSBURG, PA 172001-4207

PROJECT TEAM



295 Centerpoint Blvd. 1-800-go-benco Pittston, PA 18640

www.benco.com

ERNIE VERNA EQUIPMENT SPECIALIST : EVERNA@BENCO.COM (717) 991-5230



PROJECT DESIGNER DAVE CHINDEMI

DRAWING LIST

| SHEET | DRAWING TITLE | ISSUED | <u>DATE</u> |
|-------|---------------------------------|---------------------------|-------------|
| Q0.1 | COVER SHEET | DENTAL SPEC. (REVISION 1) | 02/01/2016 |
| Q1.1 | DENTAL EQUIPMENT PLAN | DENTAL SPEC. (REVISION 1) | 02/01/2016 |
| Q2.1 | DENTAL CARPENTRY PLAN & DETAILS | DENTAL SPEC. (REVISION 1) | 02/01/2016 |
| Q3.1 | DENTAL ELECTRICAL PLAN | DENTAL SPEC. (REVISION 1) | 02/01/2016 |
| Q3.2 | DENTAL ELECTRICAL DETAILS | DENTAL SPEC. (REVISION 1) | 02/01/2016 |
| Q4.1 | DENTAL PLUMBING PLAN | DENTAL SPEC. (REVISION 1) | 02/01/2016 |
| Q4.2 | DENTAL PLUMBING DETAILS | DENTAL SPEC. (REVISION 1) | 02/01/2016 |

. SUMMARY OF WORK

DIVISION OF RESPONSIBILITIES TERMINOLOGY:

• "CONTRACTOR": WHERE REFERENCED ON THE DRAWINGS, THE TERM "CONTRACTOR" REFERS TO THE PERSON OR ENTITY RESPONSIBLE FOR PROVIDING ALL CONSTRUCTION

CONSTRUCTION DRAWINGS:

- CONSTRUCTION DRAWINGS SHALL NOT BE SCALED IN ORDER TO DETERMINE LOCATIONS OF ITEMS OF CONSTRUCTION. LARGER SCALE DETAILS TAKE PRECEDENCE OVER SMALLER SCALE DETAILS. DIMENSIONED DETAILS TAKE PRECEDENCE OVER NON-DIMENSIONED DETAILS.
- THE WORD "FURNISH" IS USED TO MEAN "SUPPLY" COMPLETE WITH ALL ESSENTIAL ACCESSORIES SO THAT THE WORK WHEN INSTALLED FUNCTIONS FOR ITS INTENDED USE, AND DELIVERY TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS.
- THE WORD "INSTALL" IS USED TO DESCRIBE OPERATIONS AT THE PROJECT SITE INCLUDING THE UNLOADING, UNPACKING, ASSEMBLY, ERECTION, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, CONNECTING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS NECESSARY FOR THE WORK TO FUNCTION FOR
- THE WORD "PROVIDE" MEANS "FURNISH AND INSTALL", AS DEFINED ABOVE, COMPLETE IN-PLACE AND READY FOR INTENDED USE. THE WORD "PROVIDE" THUS REQUIRES INCLUSION OF ALL ACCESSORIES, ATTACHMENTS, SUPPORTS AND SERVICES NECESSARY TO COMPLY WITH THIS DEFINITION, WHETHER OR NOT SPECIFICALLY IDENTIFIED OR DESCRIBED IN THE CONSTRUCTION DOCUMENTS.

ENVIRONMENTAL ASSESSMENT:

• REMOVAL OF HAZARDOUS MATERIALS, IF IDENTIFIED BY ANY ENVIRONMENTAL ASSESSMENT PERFORMED BY AN ENVIRONMENTAL ENGINEER CONTRACTED BY THE OWNER, SHALL BE COMPLETED BY WAY OF A HAZARDOUS MATERIALS REMOVAL CONTRACT EXECUTED BY THE OWNER INDEPENDENT FROM AND PRIOR TO THE DATE OF COMMENCEMENT.

2. PERMIT SUBMISSION, REVIEWS, APPROVALS & FEES

PERMIT SUBMISSION BY CONTRACTOR:

- THE CONTRACTOR SHALL SUBMIT THE APPLICATION FOR THE BUILDING PERMIT SUBMISSION, AND SHALL INCLUDE ALL REQUIRED DESIGN AND ENGINEERING DRAWINGS AND OTHER REQUIRED DOCUMENTS.
- THE CONTRACTOR SHALL COORDINATE WITH THE ARCHITECT TO PROVIDE FOLLOW-UP COORDINATION WITH THE LOCAL JURISDICTION, AS REQUIRED, WITH RESPECT TO BUILDING-RELATED ISSUES THAT IMPACT THE APPROVAL AND RELEASE OF THE BUILDING PERMIT.
- THE COST OF ARCHITECT/ENGINEER SIGNED/SEALED CONSTRUCTION DRAWINGS AND OTHER REQUIRED DOCUMENTS, AND TRANSMITTAL TO THE CONTRACTOR WILL BE THE OWNER'S RESPONSIBILITY.
- TIME AND MATERIAL COSTS FOR THE CONTRACTOR'S DELIVERY TO AND PICKUP FROM THE LOCAL JURISDICTION, AS APPLICABLE, WILL BE THE CONTRACTOR'S RESPONSIBILITY.

BUILDING PERMIT FEES:

• ALL BUILDING PERMIT FEES SHALL BE THE_CONTRACTOR'S RESPONSIBILITY, SHALL BE DUE AND PAYABLE TO THE LOCAL JURISDICTION ACCORDING TO THE LOCAL JURISDICTION'S REQUIREMENTS, AND SHALL BE INCLUDED BY THE CONTRACTOR IN THE BASE BID.

CONTRACTOR LICENSE OR LOCAL SUBCONTRACTOR PERMITS:

- IF THE CONTRACTOR OR ANY SUBCONTRACTOR IS REQUIRED BY THE STATE OR LOCAL JURISDICTION TO OBTAIN AN APPLICABLE CONTRACTOR LICENSE, OR ANY OTHER LOCAL SUBCONTRACTOR PERMITS, SO AS TO PERMIT LEGAL WORK TO BE PROVIDED FOR THIS PROJECT, THEN THE CONTRACTOR IS RESPONSIBLE FOR ALL COSTS INCURRED TO SATISFY THESE JURISDICTIONAL REQUIREMENTS.
- THE COST OF ANY AND ALL CONTRACTOR LICENSE(S), SUBCONTRACTOR TRADE PERMITS, SERVICES AND INSPECTIONS SHALL BE THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE INCLUDED IN THE BASE BID.
- THE PRINTING COST FOR DRAWINGS AND OTHER CONSTRUCTION DOCUMENTS REQUIRED. FOR ANY CONTRACTOR LICENSE(S) OR SUBCONTRACTOR TRADE PERMITS SHALL BE

FINAL CERTIFICATE OF OCCUPANCY:

• THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE LOCAL JURISDICTION FINAL CERTIFICATE OF OCCUPANCY. OR ITS EQUIVALENT PERMIT. SO TO ALLOW THE OWNER TO COMMENCE FULL OPERATIONS, ON OR BEFORE THE DATE OF FINAL COMPLETION.

THE CONTRACTOR'S RESPONSIBILITY, AND SHALL BE INCLUDED IN THE BASE BID.

3. SITE UTILITIES

- APPLICATIONS FOR SITE UTILITY SERVICE TO THE TENANT SPACE SHALL BE COORDINATED BY THE CONTRACTOR WITH THE OWNER. LOCAL SITE UTILITY PROVIDERS' POINTS OF CONTACT MAY BE INCLUDED IN THE DRAWINGS FOR REFERENCE PURPOSES.
- THE CONTRACTOR SHALL COORDINATE THE ISSUANCE OF ALL LETTERS OF REQUEST FOR SITE UTILITY SERVICES WITH THE OWNER WITHOUT DELAY FOLLOWING THE AWARD OF THE CONTRACT FOR GENERAL CONSTRUCTION, SO AS TO CONFIRM SITE UTILITY SERVICES AND SCHEDULE CONNECTIONS AT THE EARLIEST POSSIBLE CALENDAR DATE.
- ALL COORDINATION OF PROVISIONS FOR THE SITE UTILITY SERVICES BY THE CONTRACTOR SHALL BE INCLUDED IN THE BASE BID. FEES DUE AND PAYABLE TO THE LOCAL UTILITY SO AS TO FACILITATE PROVISIONS FOR SITE UTILITY SERVICES WILL BE EITHER THE OWNERS RESPONSIBILITY, OR THE OWNER MAY COORDINATE WITH THE CONTRACTOR FOR PAYMENT BY THE CONTRACTOR, WITH REIMBURSEMENT BY THE OWNER TO THE CONTRACTOR AT DIRECT COST.

WALL LEGEND

NEW WALL

Q0.

01/11/1 PRELIM. 01/12/16 **REVISION 1** 01/26/16 SPEC REVISION 1 02/01/16 SS150139-DPC PMS

Pental

Bencal

ALL PLANS, DRAWINGS, SPECIFICATIONS

SKETCHES AND OTHER INSTRUMENTS OF SERVICE, INCLUDING ELECTRONIC MEDIA (COLLECTIVELY, THE "INSTRUMENTS OF

SERVICE") ARE THE SOLE PROPERTY OF BENCO. BENCO RESERVES THE EXCLUSIVE

BIDDING, CONSTRUCTION AND ANY OTHER PURPOSE, IS STRICTLY PROHIBITED. BENCO DOES NOT REPRESENT THAT THE

ZONING OR LOCAL BUILDING CODES. BENCO DENTAL SPECIFICALLY EXCLUDES ALL INVOLVEMENT IN, RESPONSIBILITY FOR AND

20

201

STE B3 767 5TH / SHAMBERSBURG, F

ADVICE REGARDING ANY LOCAL BUILDING CODES, ZONING APPLICATIONS AND/OR BUILDING USE ISSUES OF ANY KIND.

世

A

NO

Ш

INSTRUMENTS OF SERVICE HAVE BEEN REVIEWED FOR COMPLIANCE WITH ANY

COPYRIGHT AND LICENSE TO USE THE INSTRUMENTS OF SERVICE. ANY

REPRODUCTION OR REUSE OF THE INSTRUMENTS OF SERVICE FOR ANY PURPOSE, INCLUDING BUT NOT LIMITED TO

COVER SHEET

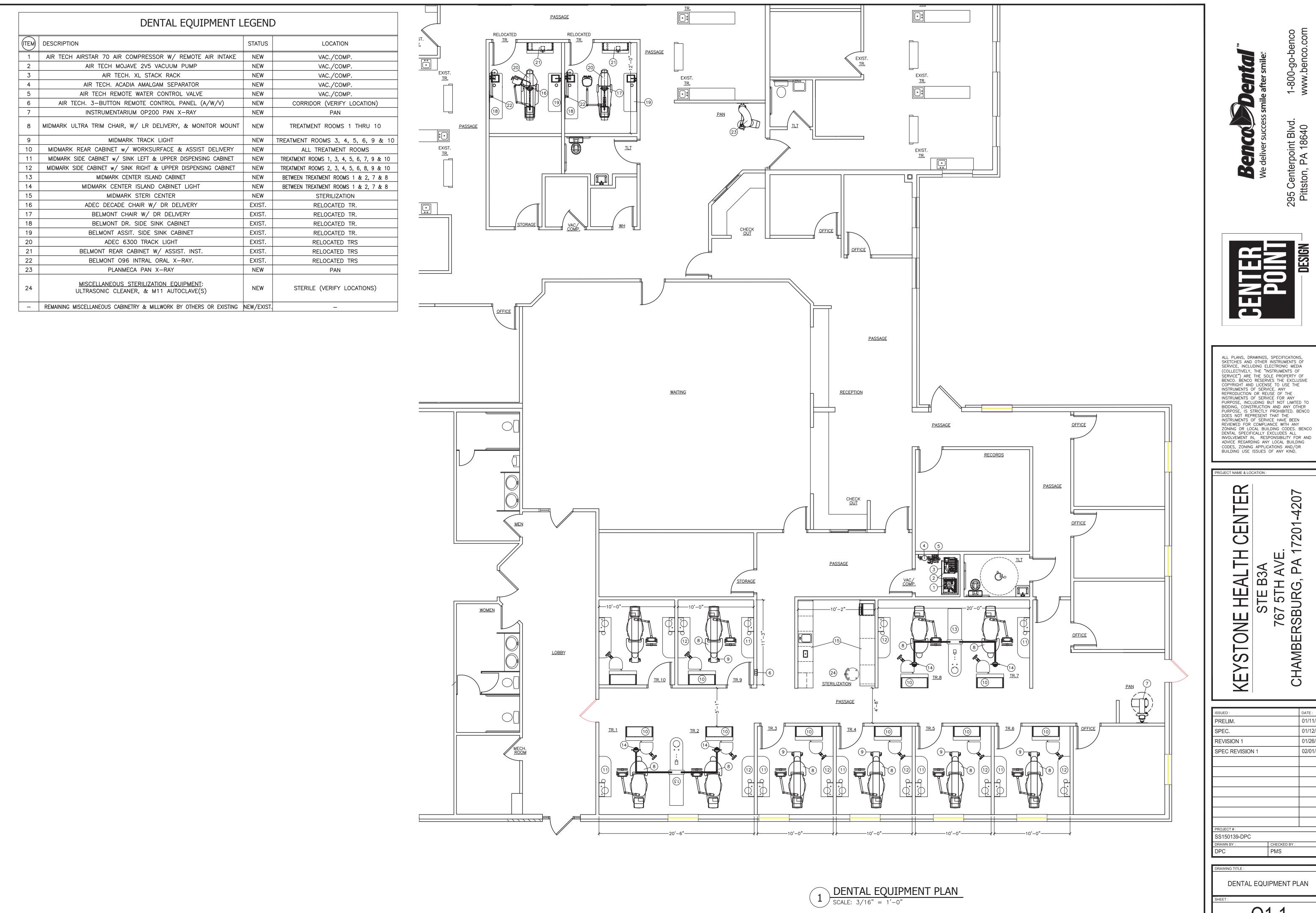
DETAIL/SHEET TAG

SYMBOLS LEGEND

EQUIPMENT TAG

NOTE TAG

SINK TAG

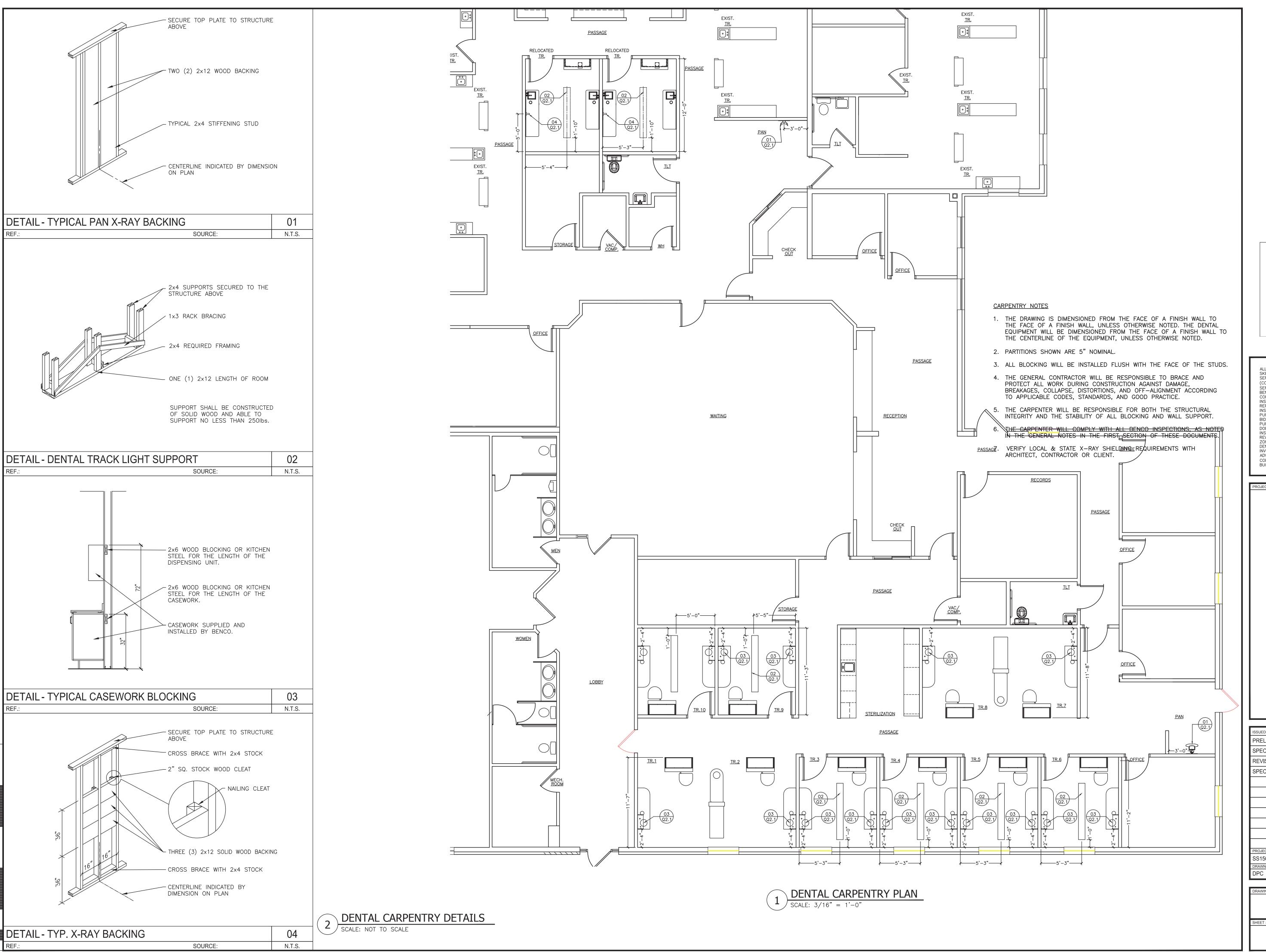


-4207

STE B3A 767 5TH AVE. CHAMBERSBURG, PA 17201-4 DATE: 01/11/15 01/12/16 01/26/16 **REVISION 1** SPEC REVISION 1 02/01/16 SS150139-DPC CHECKED BY:

DENTAL EQUIPMENT PLAN

Q1.1



er success smile after smile.

95 Centerpoint Blvd. Pittston PA 18640

CENTER POINT DESIGN

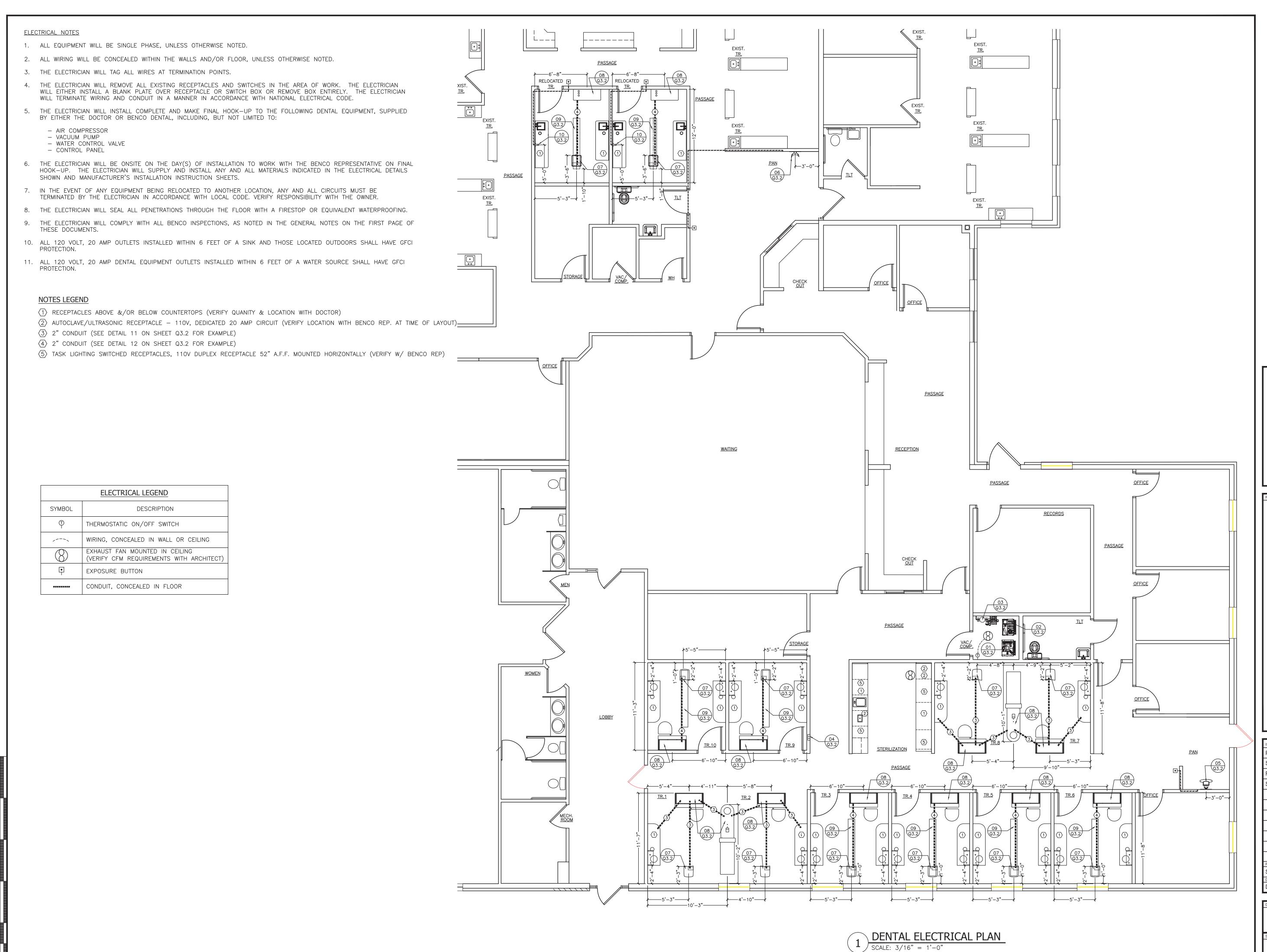
ALL PLANS, DRAWINGS, SPECIFICATIONS, SKETCHES AND OTHER INSTRUMENTS OF SERVICE, INCLUDING ELECTRONIC MEDIA (COLLECTIVELY, THE "INSTRUMENTS OF SERVICE") ARE THE SOLE PROPERTY OF BENCO. BENCO RESERVES THE EXCLUSIVE COPYRIGHT AND LICENSE TO USE THE INSTRUMENTS OF SERVICE. ANY REPRODUCTION OR REUSE OF THE INSTRUMENTS OF SERVICE FOR ANY PURPOSE, INCLUDING BUT NOT LIMITED TO BIDDING, CONSTRUCTION AND ANY OTHER PURPOSE, IS STRICTLY PROHIBITED. BENCO DOES NOT REPRESENT THAT THE INSTRUMENTS OF SERVICE HAVE BEEN REVIEWED FOR COMPLIANCE WITH ANY ZONING OR LOCAL BUILDING CODES. BENCO DENTAL SPECIFICALLY EXCLUDES ALL INVOLVEMENT IN, RESPONSIBILITY FOR AND ADVICE REGARDING ANY LOCAL BUILDING CODES, ZONING APPLICATIONS AND/OR BUILDING USE ISSUES OF ANY KIND.

KEYSTONE HEALTH CENTEF STE B3A 767 5TH AVE. CHAMBERSBURG, PA 17201-4207

| - | _ | · |
|---------------|--------------|----------|
| UED : | DATE: | |
| RELIM. | 01/11/15 | |
| EC. | | 01/12/16 |
| VISION 1 | 01/26/16 | |
| EC REVISION 1 | 02/01/16 | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| DJECT#: | | |
| 150139-DPC | | |
| AWN BY : | CHECKED BY : | |
| C | PMS | |
| | | |
| AWING TITLE : | | |
| | | |

DENTAL CARPENTRY PLAN & DETAILS

Q2.1



1-800-go-benco

5 Centerpoint Blvd.

CENTER POINT DESIGN

ALL PLANS, DRAWINGS, SPECIFICATIONS, SKETCHES AND OTHER INSTRUMENTS OF SERVICE, INCLUDING ELECTRONIC MEDIA (COLLECTIVELY, THE "INSTRUMENTS OF SERVICE") ARE THE SOLE PROPERTY OF BENCO. BENCO RESERVES THE EXCLUSIVE COPYRIGHT AND LICENSE TO USE THE INSTRUMENTS OF SERVICE. ANY REPRODUCTION OR REUSE OF THE INSTRUMENTS OF SERVICE FOR ANY PURPOSE, INCLUDING BUT NOT LIMITED TO BIDDING, CONSTRUCTION AND ANY OTHER PURPOSE, IS STRICTLY PROHIBITED. BENCO DOES NOT REPRESENT THAT THE INSTRUMENTS OF SERVICE HAVE BEEN REVIEWED FOR COMPLIANCE WITH ANY ZONING OR LOCAL BUILDING CODES. BENCO DENTAL SPECIFICALLY EXCLUDES ALL INVOLVEMENT IN, RESPONSIBILITY FOR AND ADVICE REGARDING ANY LOCAL BUILDING CODES, ZONING APPLICATIONS AND/OR BUILDING USE ISSUES OF ANY KIND.

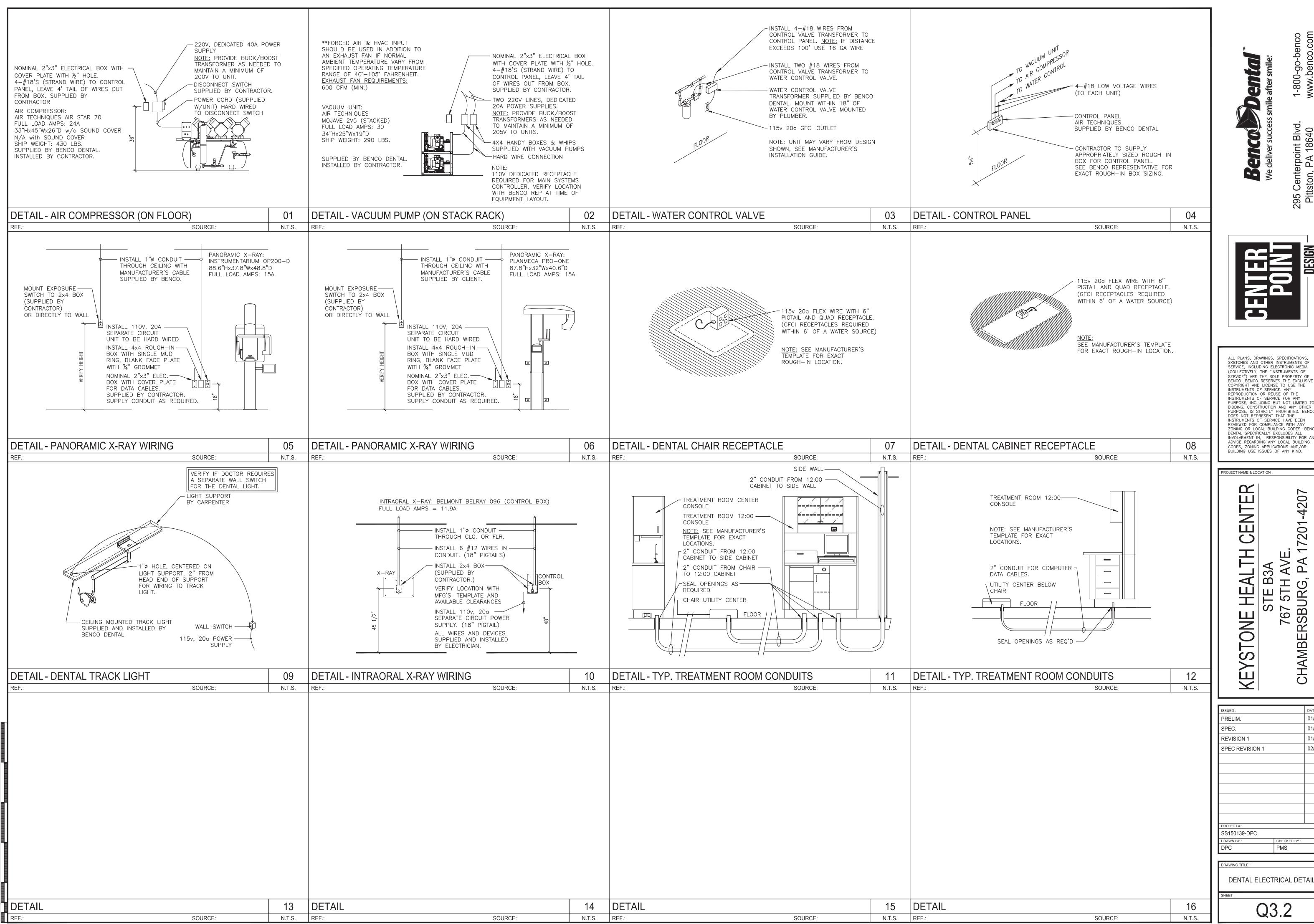
ECT NAME & LOCATION :

KEYSTONE

STE B3A 767 5TH AVE. CHAMBERSBURG, PA 17201-4207

DENTAL ELECTRICAL PLAN

Q3.1



Bencal

BIDDING, CONSTRUCTION AND ANY OTHER PURPOSE, IS STRICTLY PROHIBITED. BENCO DOES NOT REPRESENT THAT THE INSTRUMENTS OF SERVICE HAVE BEEN REVIEWED FOR COMPLIANCE WITH ANY ZONING OR LOCAL BUILDING CODES. BENCO DENTAL SPECIFICALLY EXCLUDES ALL INVOLVEMENT IN, RESPONSIBILITY FOR AND ADVICE REGARDING ANY LOCAL BUILDING CODES, ZONING APPLICATIONS AND/OR BUILDING USE ISSUES OF ANY KIND. ENTE \overline{O}

A

TON

4207 201 STE B3 767 5TH A CHAMBERSBURG, F

KEYS DATE: 01/11/1 PRELIM. SPEC. 01/12/16 **REVISION 1** 01/26/16 02/01/16 SPEC REVISION 1 SS150139-DPC PMS

DENTAL ELECTRICAL DETAILS

PLUMBING NOTES

- 1. THE PLUMBER WILL SUPPLY AND INSTALL A WATER PRESSURE REGULATOR ON INCOMING WATER SUPPLY. THE PLUMBER WILL SET THE REGULATOR NOT TO EXCEED 65 PSI.
- 2. THE PLUMBER WILL INSTALL THE WATER FILTER (AND THE WATER SOFTENER, AS NEEDED) ON THE COLD WATER MAIN ENTERING THE DENTAL SUITE. THE WATER FILTER WILL BE SUPPLIED BY EITHER BENCO DENTAL OR THE DOCTOR.
- 3. THE PLUMBER WILL SUPPLY AND INSTALL SEPARATE MANUAL SHUT-OFF VALVES ON ALL SINKS, DENTAL UNITS, AND OUTLETS REQUIRING WATER AND/OR AIR.
- 4. ALL SINKS AND FAUCETS WILL BE CONNECTED BY THE PLUMBER.
- 5. ALL PIPES WILL BE CONCEALED WITHIN THE WALLS AND/OR THE FLOOR, UNLESS OTHERWISE NOTED ON THE BENCO DRAWINGS.
- 6. THE PLUMBER WILL SEAL ALL PENETRATIONS THROUGH THE FLOOR WITH A FIRESTOP OR EQUIVALENT WATERPROOFING.
- 7. ALL PIPES WILL BE FLUSHED CLEAR OF ALL DEBRIS BY THE PLUMBER.
- 8. THE PLUMBER WILL BE ONSITE ON THE DAY(S) OF INSTALLATION TO WORK WITH THE BENCO REPRESENTATIVE ON THE FINAL HOOK-UP. THE PLUMBER WILL SUPPLY AND INSTALL ANY AND ALL MATERIALS INDICATED IN THE PLUMBING DETAILS SHOWN AND THE MANUFACTURER'S INSTALLATION INSTRUCTION SHEETS.
- 9. THE PLUMBER WILL PROVIDE AND INSTALL ALL WATER SAFETY DEVICES (i.e. CHECK VALVES, BACKFLOW PREVENTERS, ETC.) IN ACCORDANCE WITH LOCAL CODE.
- 10. THE PLUMBER WILL INSTALL COMPLETE AND MAKE FINAL HOOK-UP TO THE FOLLOWING DENTAL EQUIPMENT, SUPPLIED BY THE DOCTOR AND/OR BENCO DENTAL, INCLUDING, BUT NOT LIMITED TO:
 - AIR COMPRESSOR
 - VACUUM PUMP AIR/WATER SEPARATORS
 - WATER CONTROL VALVE AND FILTER ASSEMBLY
- 11. AN ELECTRIC MASTER WATER CONTROL VALVE AND FILTER ASSEMBLY IS REQUIRED FOR ANY/ALL COLD WATER LINES FEEDING ALL DENTAL EQUIPMENT. THIS WATER CONTROL VALVE AND FILTER ASSEMBLY IS REQUIRED WHETHER SUPPLIED BY BENCO, THE DOCTOR, OR THE PLUMBER. THE PLUMBER IS TO VERIFY THE EXACT LOCATION OF THE WATER CONTROL VALVE AND FILTER ASSEMBLY WITH THE DOCTOR/OWNER, AND A BENCO REP AT THE TIME OF LAYOUT AND PRIOR TO EQUIPMENT SELECTION.
- 12. THE PLUMBER WILL COMPLY WITH ALL BENCO INSPECTIONS, AS NOTED IN THE GENERAL NOTES ON THE FIRST PAGE OF THESE DOCUMENTS.
- 13. GENERAL DENTAL PLUMBING LINES SHOWN ARE FOR GRAPHICALLY DISPLAYING ORIGINATION AND TERMINATION POINTS. FIELD CONDITIONS MAY ALTER PLUMBING LINE LAYOUT, PER PLUMBERS DISCRETION. THE FINAL LAYOUT OF THE PLUMBING LINES IS THE RESPONSIBILITY OF THE PLUMBER.
- 14. THE APPLICATION OF DENTAL COMPRESSED AIR AS NOTED ON THIS PLAN IS NOT USED FOR LIFE-SUPPORT PURPOSES SUCH AS RESPIRATORS, IPPB MACHINES, ANALGESIA, ANESTHESIA, AND SO FORTH. IT IS ONLY USED AS INCIDENTAL AIR DISCHARGED INTO THE ORAL CAVITY AND NOT A PRIMARY SOURCE OF AIR TO SUSTAIN LIFE.

MEDICAL GAS NOTES (IF APPLICABLE)

- 1. ENGINEER AND CONTRACTOR TO FOLLOW ALL APPLICABLE DESIGN AND INSTALLATION PROCEDURES AS LISTED UNDER NFPA #99C LEVEL 3 (MEDICAL GASES).
- 2. ALL MEDICAL GAS AND VACUUM PIPING LOCATED WITHIN FLOOR SLABS AND UNDERGROUND WITHIN BUILDINGS SHALL BE:
 - a. INSTALLED IN ONE (OR MORE) CONTINUOUS CONDUITS THAT ARE OF SUFFICIENT SIZE TO PERMIT SUBSEQUENT INSTALLATION, REMOVAL AND REPLACEMENT OF THE GAS AND/OR VACUUM LINES.
 - b. EACH TUBE PULLED INTO THE CONDUIT SHALL BE A CONTINUOUS LENGTH HAVING NO JOINTS WITHIN THE CONDUIT.
- 3. ALL TUBING SHALL BE COPPER TYPE 'K' OR 'L'. ENTIRE SYSTEM SHALL BE PRESSURE TESTED AT 150 PSI FOR 24 HOURS. PRESSURE TEST CAN ONLY BE PERFORMED WITH NITROGEN, NOT COMPRESSED AIR. ALL JOINTS MUST BE BRAZED
- 4. MEDICAL GAS CLOSETS NEED TO BE VENTED TO OUTSIDE AIR. (CHECK LOCAL CODES IF REQUIRED)
- 5. WHEN (4) OR MORE TREATMENT ROOMS ARE EQUIPPED WITH MEDICAL GAS. THE DENTAL SUITE MUST BE EQUIPPED WITH A SPRINKLER SYSTEM. (CHECK LOCAL CODES IF REQUIRED)

SINK LEGEND

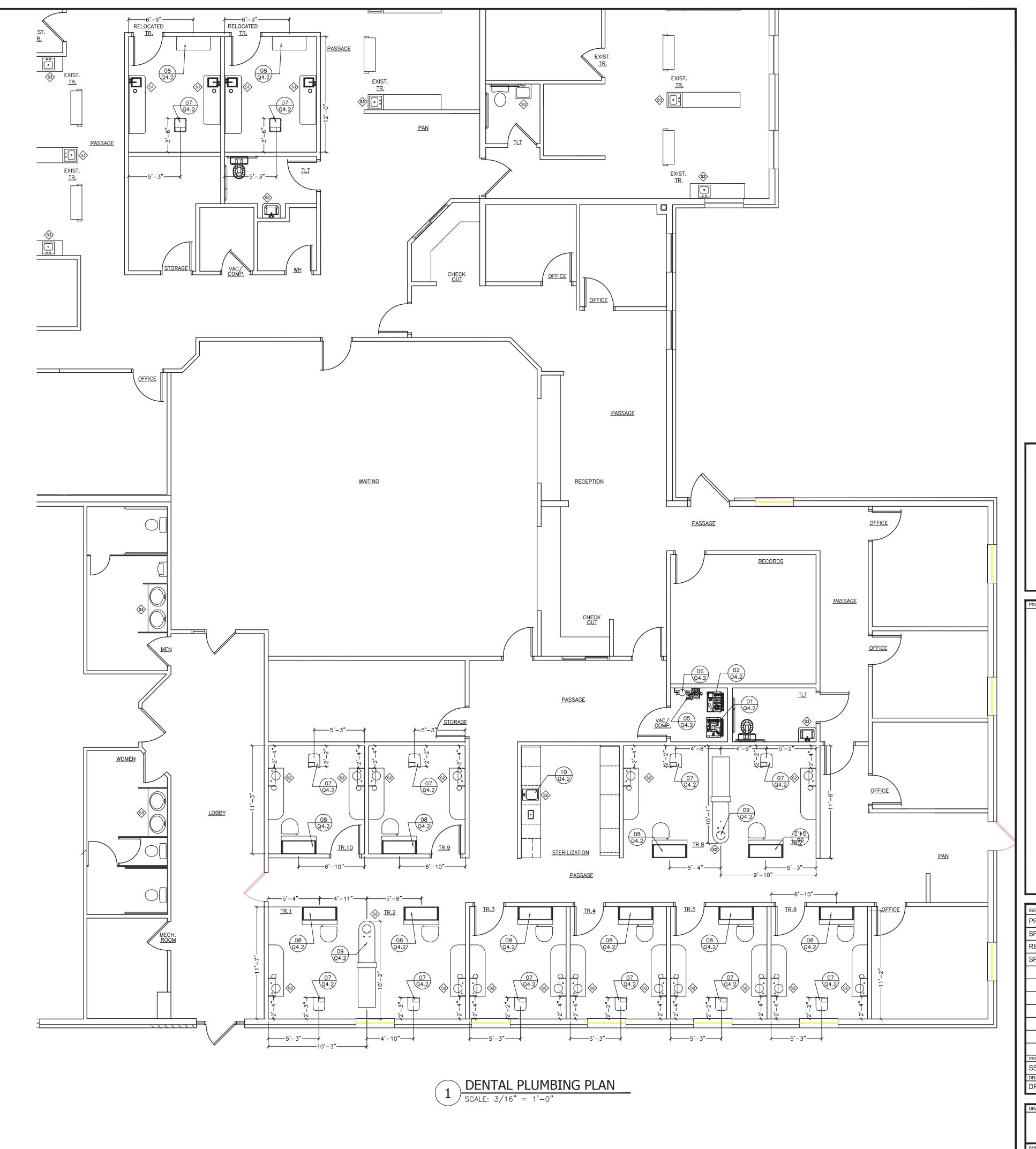
RELOCATED SINK - SINK, FAUCET AND STRAINER SUPPLIED BY OWNER. PLUMBER SHALL INSTALL HOT AND COLD WATER LINES, WASTE AND TRAP ROUGH-IN PER LOCAL CODES. PLUMBER SHALL BE RESPONSIBLE FOR FINAL HOOKUP. SEE MANUFACTURER'S SPECIFICATIONS FOR EXACT LOCATION AND REQUIREMENTS.



SINK - SINK, FAUCET AND STRAINER PROVIDED WITH CABINETRY SUPPLIED BY BENCO. PROVIDE AIR LINE WITH SHUTOFF FOR AIR ACTUATED FAUCET CONTROL MECHANISM. PLUMBER SHALL BE RESPONSIBLE FOR FINAL HOOKUP. SEE MANUFACTURER'S SPECIFICATIONS FOR EXACT LOCATION AND REQUIREMENTS.



EXISTING SINK - NO WORK REQUIRED



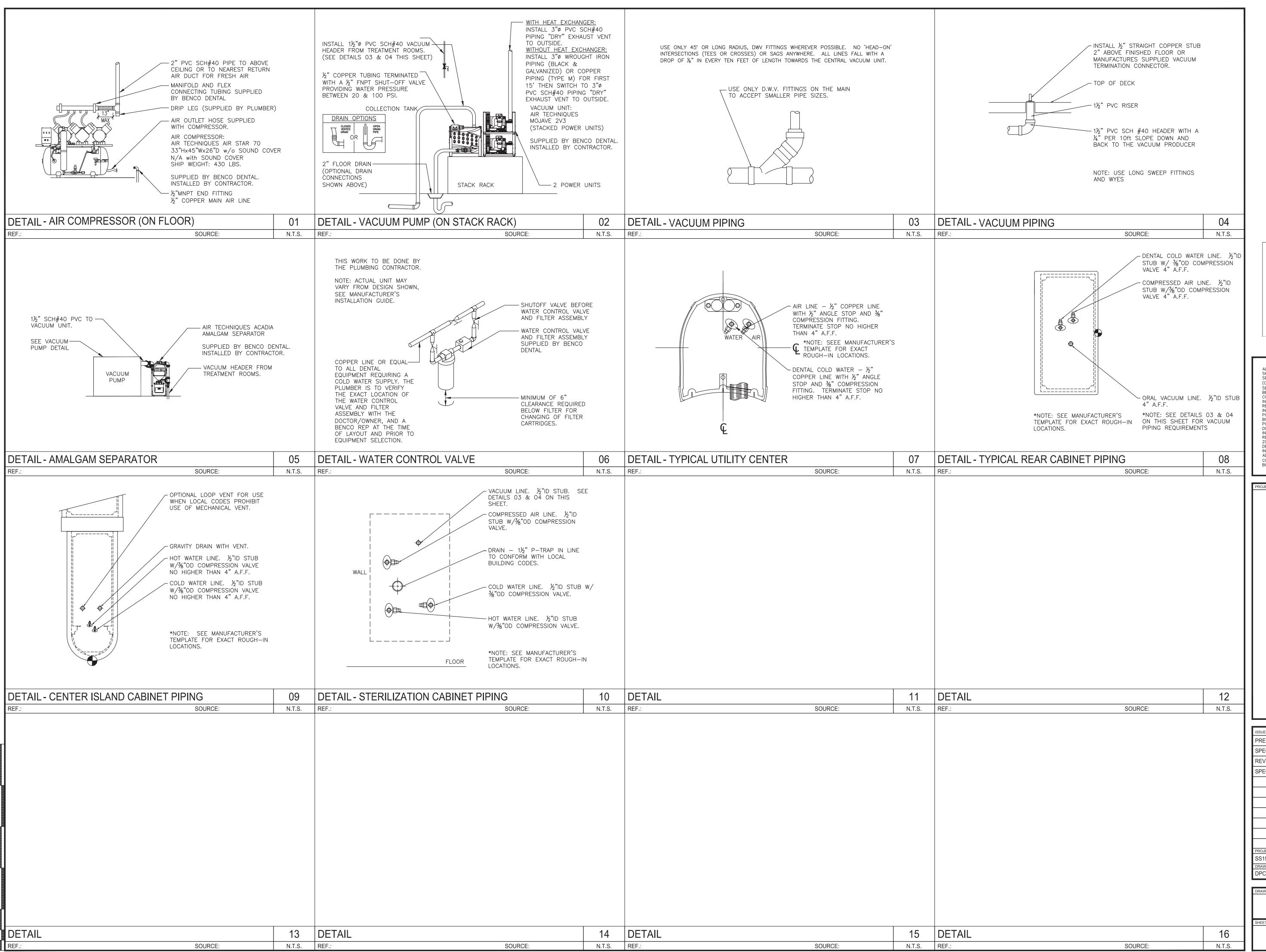
ALL PLANS, DRAWINGS, SPECIFICATIONS SKETCHES AND OTHER INSTRUMENTS OF SERVICE, INCLUDING ELECTRONIC MEDIA (COLLECTIVELY, THE "INSTRUMENTS OF SERVICE") ARE THE SOLE PROPERTY OF BENCO. BENCO RESERVES THE EXCLUSIVE COPYRIGHT AND LICENSE TO USE THE INSTRUMENTS OF SERVICE. ANY INSTRUMENTS OF SERVICE FOR ANY PURPOSE, INCLUDING BUT NOT LIMITED TO BIDDING, CONSTRUCTION AND ANY OTHER PURPOSE, IS STRICTLY PROHIBITED. BENCO INSTRUMENTS OF SERVICE HAVE BEEN REVIEWED FOR COMPLIANCE WITH ANY ZONING OR LOCAL BUILDING CODES. BENCO DENTAL SPECIFICALLY EXCLUDES ALL INVOLVEMENT IN, RESPONSIBILITY FOR AND ADVICE REGARDING ANY LOCAL BUILDING CODES, ZONING APPLICATIONS AND/OR BUILDING USE ISSUES OF ANY KIND.

世 20 201 Ш A

STE B3 767 5TH / CHAMBERSBURG, F Ш

DATE: 01/11/1 PRELIM. 01/12/16 REVISION 1 01/26/16 02/01/16 SPEC REVISION 1 SS150139-DPC PMS

DENTAL PLUMBING PLAN



Benca

ALL PLANS, DRAWINGS, SPECIFICATIONS, SKETCHES AND OTHER INSTRUMENTS OF SERVICE, INCLUDING ELECTRONIC MEDIA (COLLECTIVELY, THE "INSTRUMENTS OF SERVICE") ARE THE SOLE PROPERTY OF BENCO. BENCO RESERVES THE EXCLUSIVE COPYRIGHT AND LICENSE TO USE THE INSTRUMENTS OF SERVICE. ANY REPRODUCTION OR REUSE OF THE INSTRUMENTS OF SERVICE FOR ANY PURPOSE, INCLUDING BUT NOT LIMITED TO BIDDING, CONSTRUCTION AND ANY OTHER PURPOSE, IS STRICTLY PROHIBITED. BENCO DOES NOT REPRESENT THAT THE INSTRUMENTS OF SERVICE HAVE BEEN REVIEWED FOR COMPLIANCE WITH ANY ZONING OR LOCAL BUILDING CODES. BENCO DENTAL SPECIFICALLY EXCLUDES ALL INVOLVEMENT IN, RESPONSIBILITY FOR AND ADVICE REGARDING ANY LOCAL BUILDING CODES, ZONING APPLICATIONS AND/OR BUILDING USE ISSUES OF ANY KIND.

KEYS

4207 田 CEN. 201 A TON

STE B3 767 5TH A CHAMBERSBURG, F

DATE: 01/11/1 PRELIM. SPEC. 01/12/16 **REVISION 1** 01/26/16 02/01/16 SPEC REVISION 1 SS150139-DPC PMS

> DENTAL PLUMBING DETAILS Q4.2