PREPARED FOR:

PLATINUM LOGAN CHENEY

GENERAL NOTES & CONDITIONS (ALL TRADES)

1. DEFINITIONS

HENRY SCHEIN, HENRY SCHEIN INC., HENRY SCHEIN DENTAL, OR HSD INC. REFERS TO THE EQUIPMENT SUPPLIER FOR THIS PROJECT ENGAGED BY THE OWNER UNDER A SEPARATE CONTRACT.

ESS - "EQUIPMENT SALES SPECIALIST/EQUIPMENT TECHNOLOGY SPECIALIST" IS A HENRY SCHEIN EMPLOYEE THAT SPECIALIZES IN THE MANAGEMENT OF EQUIPMENT AND/OR TECHNOLOGY SALES AND INSTALLATIONS AND HAS ASSISTED THE OWNER IN THE PREPARATION OF DRAWINGS AND SPECIFICATIONS FOR THE CONSTRUCTION OF THE PROPOSED FACILITIES.

THE "**GENERAL CONTRACTOR**", ALSO KNOWN AS THE "**GC**" IS REFERRED TO AS THE PERSON(S) OR ENTITY WHO HAS ENTERED INTO A CONTRACTUAL AGREEMENT WITH THE OWNER FOR THE WORK DEFINED IN SUCH AGREEMENT. THE GC IS RESPONSIBLE FOR ALL WORK CARRIED OUT BY THEIR SUBCONTRACTORS OR SUBTRADES. IF THE CONSTRUCTION OF THE PROJECT IS LET UNDER SEPARATE CONTRACTS BY THE OWNER, THE RESPONSIBILITIES STIPULATED BELOW SHALL APPLY TO EACH CONTRACTOR.

THE "**OWNER**" IS REFERRED TO AS THE PERSON(S) OR ENTITY WHO OWNS OR LEASES THE PREMISES FOR WHICH A CONSTRUCTION AGREEMENT HAS BEEN ENTERED UPON WITH THE GENERAL CONTRACTOR. WHERE THE OWNER, AS REFERRED TO ABOVE, LEASES THE PREMISES THE ENTITY WHO HAS OWNERSHIP OF THE PROPERTY WILL BE REFERRED TO AS THE LANDLORD.

THE "**OWNER'S AGENT**" IS A REPRESENTATIVE OF THE AGENT ACTING ON THEIR BEHALF AND MAY HAVE THE AUTHORITY TO MAKE DECISIONS IN THEIR ABSENCE. THIS MAY BE AN OFFICE MANAGER, AN ARCHITECT, AN ENGINEER, OR A PROJECT MANAGER HIRED BY THE OWNER.

2. DRAWINGS

THESE DRAWINGS ARE PREPARED BY HENRY SCHEIN AS DENTAL CONSULTANTS FOR ASSISTING A CONTRACTOR TO BUILD A DENTAL OFFICE AND DO NOT CONSTITUTE A COMPLETE SET OF CONSTRUCTION DOCUMENTS. SOME ITEMS REQUIRED FOR BUILDING PERMITS OR CONSTRUCTION MAY NOT APPEAR ON THESE ARCHITECTURAL PLANS, IF THESE DRAWINGS ARE BEING SUBMITTED FOR BUILDING PERMIT, IT REMAINS THE OWNERS OR GENERAL CONTRACTORS RESPONSIBILITY RETAIN THE PROPER CONSULTANTS TO PREPARE COMPLETE ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS.

DOOR SPECIFICATIONS, LIGHTING DESIGN, FINAL REFLECTED CEILING PLANS, AND OTHER SPECIFICATIONS NOT COVERED IN THIS DESIGN PACKAGE ARE TO BE BY OTHERS.

RETENTION OF OTHER CONSULTANTS, SUCH AS AN ARCHITECT, ELECTRICAL ENGINEER, MECHANICAL ENGINEER, STRUCTURAL ENGINEER, OR SECURITY CONSULTANT, ARE THE RESPONSIBILITY OF THE OWNER OR GENERAL CONTRACTOR.

3. HENRY SCHEIN RESPONSIBILITIES

HENRY SCHEIN DENTAL WILL ISSUE DETAIL DRAWINGS SHOWING CRITICAL LOCATIONS OF ALL DENTAL AND ALLIED EQUIPMENT. THE ESS WILL BE AVAILABLE FOR PERIODIC FIELD VISITS. VISITS WILL BE LIMITED TO A PRE-CONSTRUCTION ON-SITE MEETING, LAYOUT CHECKS AND INSTRUCTIONS TO THE VARIOUS TRADES IN THE CRITICAL ASPECTS OF THE WORK PERTAINING TO DENTAL AND ALLIED EQUIPMENT. ALL REQUESTS FOR FIELD VISITS SHALL ALLOW REASONABLE ADVANCED NOTICE. HENRY SCHEIN INC. AND ITS REPRESENTATIVES WILL NOT ASSUME ANY RESPONSIBILITIES FOR DEVIATIONS FROM DETAIL DRAWINGS AND SPECIFICATIONS WITHOUT PRIOR WRITTEN ENDORSEMENT.

PRIOR TO CONSTRUCTION, THE ESS WILL VERIFY THE SITE DIMENSIONS OF THE SPACE PRIOR TO ENSURE THEY COINCIDE WITH THE DESIGN DRAWINGS. DURING CONSTRUCTION, THE ESS WILL CHECK THE JOBSITE PERIODICALLY AS REQUIRED. THE ESS WILL BE AVAILABLE TO ASSIST THE CONTRACTOR(S)AND THE OWNER IN THE INTERPRETATION OF THESE DRAWINGS AND SPECIFICATIONS. PRIOR TO ENCLOSING WALLS, THE GENERAL CONTRACTOR AND/OR THE FRAMING SUBCONTRACTOR IS REQUIRED TO COORDINATE WITH THE ESS AND THE HENRY SCHEIN INSTALLATION TECHNICIAN. THIS INSPECTION IS CRITICAL TO ENSURE THAT THE WALL AND/OR CEILING SUPPORTS FOR DENTAL EQUIPMENT WILL MATCH WITH ANY CHANGES THAT MAY HAVE OCCURRED WITH THE OWNER'S EQUIPMENT ORDER. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO HAVE PLUMBING, ELECTRICAL, SUPPORT BACKING, AND LEAD INSTALLATION APPROVED BY MUNICIPAL INSPECTORS BEFORE POURING SLABS, ENCLOSING PARTITIONS AND CEILING.

HENRY SCHEIN WILL NOT BE RESPONSIBLE FOR ANY UNFORESEEN CONDITIONS ARISING OUT OF, OR DURING THE COURSE OF, CONSTRUCTION NOR FOR ANY DEVIATIONS FROM DRAWINGS AND/OR SPECIFICATIONS WITHOUT THEIR WRITTEN ENDORSEMENT.

EQUIPMENT INSTALLATION
A PRE-CONSTRUCTION MEETING IS REQUIRED WITH THE GENERAL CONTRACTOR, PLUMBER, ELECTRICIAN, CABINET MAKER, AND THE ESS. ALL TEMPLATES CRITICAL TO EQUIPMENT INSTALLATION WILL BE DISTRIBUTED AT THIS MEETING.

THE ESS WILL INSPECT PREMISES PRIOR TO THE INSTALLATION OF ITS EQUIPMENT AT WHICH TIME ALL FINISHES (CEILINGS, FLOORING, AND PAINTING) AND MECHANICAL WORK MUST BE COMPLETED. RESPONSIBILITIES FOR THE INSTALLATION AND/OR HOOKUP OF DENTAL EQUIPMENT WILL BE DEFINED IN THE SPECIFICATIONS FOR EACH TRADE. HENRY SCHEIN DENTAL REQUIRES THAT ALL APPLICABLE TRADES BE REPRESENTED AT THE TIME OF INSTALLATION.

4. GENERAL CONTRACTOR (GC) - RESPONSIBILITIES

ALL ITEMS LISTED OR NOTED HEREIN ARE FOR GUIDANCE ONLY AND DO NOT NECESSARILY CONSTITUTE THE ENTIRE EXTENT OF THE WORK TO BE CARRIED OUT UNDER THE CONTRACT. THE GENERAL CONTRACTOR IS RESPONSIBLE TO DEFINE AND PROVIDE ALL THE WORK REQUIRED TO COMPLETE THIS PROJECT TO THE TRUE INTENT OF THE CONTRACT WHETHER OR NOT IT IS SPECIFICALLY SHOWN OR SPECIFIED. WHERE THESE DOCUMENTS DO NOT PROVIDE ALL THE INFORMATION NECESSARY FOR THE COMPLETE INSTALLATION OF ANY ITEM, THEN THE MANUFACTURER'S INSTRUCTIONS FOR THE ITEM SHALL BE STRICTLY FOLLOWED.

THE GENERAL CONTRACTOR SHALL, SUPPLY AND INSTALL ALL ITEMS, ARTICLES, MATERIALS, INCLUDE ALL LABOR, EQUIPMENT AND TOOLS NECESSARY TO COMPLETE THIS PROJECT AND ALL SYSTEMS SHOWN. TEST AND VERIFY ALL EQUIPMENT INSTALLED UNDER THIS CONTRACT AND INSTRUCT THE OWNER OR OWNER'S AGENT IN THE OPERATION OF THE EQUIPMENT.

THE GC SHALL THOROUGHLY FAMILIARIZE HIM/HERSELF WITH THE DRAWINGS, SPECIFICATIONS, AND CONDITIONS COVERING THIS JOB. THE GC SHALL ADVISE THE OWNER AND THE ESS OF ANY CONFLICT BETWEEN THESE DRAWINGS AND THE FIELD CONDITIONS BEFORE PROCEEDING WITH THE WORK.

THE GC SHALL COMPLY WITH ALL STATE AND MUNICIPAL LAWS, ORDINANCES, RULES, AND REGULATIONS OF AUTHORITIES HAVING JURISDICTION. ALL WORK MUST MEET OR EXCEED THE CURRENT BUILDING CODE UNDER THE JURISDICTION FOR WHICH THIS PROJECT IS LOCATED. THE GC SHALL FILE ALL NECESSARY APPLICATIONS AND OBTAIN AND PAY FOR ALL PERMITS, AND CERTIFICATES OF APPROVAL PERTAINING TO THE CONSTRUCTION OF THE PREMISES, INCLUDING THE FINAL INSPECTION FOR OCCUPANCY PERMIT, UNLESS OTHERWISE STATED. PERMITS OBTAINED SHALL INCLUDE THE CONNECTIONS TO ALL DENTAL EQUIPMENT AND FIXTURES WHICH ARE TO BE COMPLETED BY THE GENERAL CONTRACTOR. HVAC, SPRINKLER DRAWINGS, CORRESPONDING SPECIFICATIONS OR ANY OTHER DRAWINGS AND SPECIFICATIONS THAT MAY BE REQUIRED FOR LICENSES AND PERMITS ARE TO BE PROVIDED BY OTHERS. HENRY SCHEIN INC. WILL NOT PROVIDE OR PAY FOR THESE SERVICES OR ANY OTHER DRAWINGS AND SPECIFICATIONS THAT MAY BE REQUIRED FOR LICENSES AND PERMITS.

ALL MEASUREMENTS SHALL BE CHECKED AT THE JOB SITE. THE GENERAL CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR THE ACCURACY OF FIELD MEASUREMENTS AND CONDITIONS. THEY ARE ALSO RESPONSIBLE FOR THE PROPER MODIFICATIONS TO ANY EXISTING, OR PREVIOUSLY INSTALLED WORK. WRITTEN APPROVAL MUST BE OBTAINED FROM THE ESS BEFORE ANY CHANGES AND/OR DEVIATIONS FROM DRAWINGS AND SPECIFICATIONS ARE MADE.

THE GC SHALL ASSUME FULL RESPONSIBILITY FOR THE EXECUTION OF HIS/HER WORK AND FOR ANY CHANGES AND/OR DEVIATIONS FROM DRAWINGS OR SPECIFICATIONS MADE WITHOUT PRIOR WRITTEN APPROVAL FROM THE OWNER AND/OR THE ESS. THE COST OF CORRECTIONS RESULTING FROM CHANGES AND/OR DEVIATIONS SHALL BE BORNE BY THE GENERAL CONTRACTOR.

A COMPLETE SET OF DRAWINGS MUST BE KEPT AT THE JOB SITE AT ALL TIMES AND ANY CHANGES MUST BE NOTED THEREON AND INITIALED.

THE CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE OWNER AND THE OWNER'S AGENT FROM AND AGAINST ALL CLAIMS FOR DAMAGE TO PERSON AND/OR PROPERTY SUFFERED AS A RESULT OF THE PERFORMANCE OF WORK, WHETHER OR NOT, CAUSED BY NEGLIGENCE, AND PAY ANY EXPENSES (INCLUDING, WITHOUT LIMITATIONS, ATTORNEY'S FEES, AND DISBURSEMENTS) INCURRED IN THE CONNECTION THEREWITH.

OTHER REQUIREMENTS
THE GC SHALL PARTICIPATE AT JOB COORDINATION MEETINGS WITH HENRY SCHEIN DENTAL AND ENSURE ATTENDANCE OF THE APPROPRIATE TRADES.

ALL TRADES SHALL DO THEIR OWN CUTTING. THE GENERAL CONTRACTOR SHALL DO ALL PATCHING TO CONFORM TO MATERIAL, TEXTURE, AND SURFACE ALIGNMENT WITH THE ADJOINING SURFACE AND FINAL TOUCH UP OF ALL FINISHED SURFACES.

THE GENERAL CONTRACTOR SHALL ENSURE THE PROTECTION OF ALL EQUIPMENT FURNISHED UNDER HIS/HER CONTRACT AND BY OTHERS.

THE GC SHALL REVIEW ALL CUSTOM CABINETRY, SUCH AT THE RECEPTION DESK, TECH STATIONS, LABORATORY, AND STERILIZATION, WITH THE ESS FOR ANY DENTAL IMPLEMENTATION.

THE GC SHALL REMOVE ANY RUBBISH FROM THE CONSTRUCTION SITE AND ENSURE THAT ALL PUBLIC SPACES ARE FREE OF CONSTRUCTION MATERIALS AND DEBRIS THROUGHOUT THE DURATION OF THE CONTRACT. THE GC IS RESPONSIBLE FOR THE TOTAL CLEAN UP OF THE JOB SITE UPON COMPLETION OF THEIR WORK.

THE GENERAL CONTRACTOR SHALL ISSUE A WRITTEN ONE-YEAR WARRANTY CERTIFICATE ON ALL WORKMANSHIP AND MATERIALS FROM THE DATE OF OCCUPANCY, UNLESS NOTED OTHERWISE IN THE CONSTRUCTION AGREEMENT BETWEEN THE OWNER AND THE GC. THIS CERTIFICATE SHALL BIND THE GENERAL CONTRACTOR TO PROMPTLY CORRECT, REPAIR, OR REPLACE, ANY DEFECTIVE EQUIPMENT OR WORKMANSHIP THAT WAS THE RESPONSIBILITY OF THE GC, WITHOUT COST TO THE OWNER.

5. SEPARATE CONTRACTS BY OWNER

THE OWNER RESERVES THE RIGHT TO PERFORM WORK RELATED TO THE PROJECT WITH HIS/HER OWN FORCES, AND TO AWARD SEPARATE CONTRACTS IN CONNECTION WITH OTHER PORTIONS OF THE PROJECT OR ON OTHER WORK ON THE SITE UNDER THESE OR SIMILAR CONDITIONS OF CONTRACT. IF THE GENERAL CONTRACTOR CLAIMS THAT DELAY OR ADDITIONAL COST IS INVOLVED BECAUSE OF SUCH ACTION BY THE OWNER, THE GC MUST ENSURE THAT THEIR CLAIM WAS ORIGINALLY PART OF THEIR CONTRACT AGREEMENT.

THE GC SHALL AFFORD THE OWNER AND SEPARATE CONTRACTORS REASONABLE OPPORTUNITY FOR THE INTRODUCTION AND STORAGE OF THEIR MATERIALS AND EQUIPMENT AND THE EXECUTION OF THEIR WORK. THE GC SHALL CONNECT AND COORDINATE THEIR WORK WITH OTHERS AS REQUIRED BY THE CONTRACT DOCUMENTS. ANY COSTS CAUSED BY DEFECTIVE AND/OR ILL-TIME WORK SHALL BE BORNE BY THE PARTY RESPONSIBLE.

SEE OWNER OR OWNER'S AGENT FOR NON-DENTAL ITEMS AND AREAS NOT DETAILED IN THESE CONTRACT DOCUMENTS (SUCH AS RECEPTION, BUSINESS AREA, OFFICES, STAFF ROOM, STORAGE ROOMS, OFFICE-WIDE SOUND SYSTEMS, CONTROLS, ETC...).

GENERAL NOTES

1. THESE DESIGN DRAWINGS AND SPECIFICATIONS HAVE BEEN PRODUCED FOR THIS SPECIFIC PROJECT ONLY, AND SHALL REMAIN THE EXCLUSIVE PROPERTY OF HENRY SCHEIN INC. THESE DESIGN DRAWINGS AND SPECIFICATIONS MAY NOT BE REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT EXPRESSED WRITTEN CONSENT AND FULL PAYMENT OF ANY ASSOCIATED FEES TO HENRY SCHEIN INC.
2. ALL COMMUNICATIONS AND COORDINATION WITH TRADES SHALL BE THE RESPONSIBILITY OF THE GC UNLESS STATED OTHERWISE IN THE CONTRACT AGREEMENT.
3. THE GC MUST SIGN THIS SHEET STIPULATING THAT HE/SHE UNDERSTANDS AND WILL COMPLY WITH ALL SPECIFICATIONS BEFORE THE WORK WILL START. A SIGNED COPY OF THE PLANS ARE TO BE RETURNED TO THE OWNER AND HENRY SCHEIN DENTAL.
4. IT IS THE RESPONSIBILITY OF A SUBCONTRACTOR TO READ AND UNDERSTAND ALL NOTES AND ILLUSTRATIONS PERTAINING TO THEIR TRADE AND HOW THEIR WORK AFFECTS OTHER TRADES.
5. THE SUPPLY AND INSTALL OF THE CABINETS AND COUNTERTOPS, OTHER THAN THOSE SPECIFIED AND/OR CONTRACTED BY HENRY SCHEIN DENTAL, IS THE RESPONSIBILITY OF THE GC.
6. THE OWNER SHALL MAKE ARRANGEMENTS FOR INSTALLATION OF NON-DENTAL SYSTEMS UNDER A SEPARATE CONTRACT BEFORE WALLS ARE ENCLOSED.
7. ROUGH-IN AND FINISH WORK FOR DENTAL EQUIPMENT IS TO BE ACCORDING TO TEMPLATES FURNISHED BY THE MANUFACTURERS OF EQUIPMENT BEING INSTALLED. THE ESS WILL POSITION THE TEMPLATES IN THEIR PROPER LOCATIONS, AT WHICH TIME ALL SPECIFICATIONS ON THE PLANS WILL BE EXPLAINED TO THE GENERAL CONTRACTOR OR SUBCONTRACTOR(S). ALL SPECIFIED SIZES OF PIPES, TUBING, FITTINGS, ETC., AS WELL AS PROPER HEIGHTS MARKED, MUST BE STRICTLY FOLLOWED. ANY DEVIATIONS ON SIZES OR HEIGHTS OF PIPES, TUBING, AND/OR FITTINGS MUST BE CORRECTED BEFORE THE EQUIPMENT CAN BE INSTALLED, AND ANY SUCH EXTRA EXPENSE WILL BE THE RESPONSIBILITY OF GC AND/OR THE SUBTRADE.
8. THE GC SHALL SEAL ANY/ALL FLOOR AND FIRE PENETRATIONS MADE BY HENRY SCHEIN INSTALLERS AT THE FINISHING STAGES WITH THE APPROPRIATE MATERIAL.
9. THE GC SHALL PROVIDE DOOR THRESHOLDS & DOOR SEALS NECESSARY FOR DENTAL EQUIPMENT SOUND ATTENUATION.
10. THE GENERAL CONTRACTOR SHALL SUPPLY FASTENERS, ANCHORS, ACCESSORIES AND ADHESIVES REQUIRED FOR FABRICATION AND ERECTION OF THE WORK. KEEP EXPOSED FASTENERS TO A MINIMUM, NEATLY LAID OUT AND EVENLY SPACED. FLOOR FINISHES ARE TO BE CONTINUOUS UNDERNEATH MILLWORK AND EQUIPMENT. TRANSITIONS AND VARIATIONS BETWEEN FLOOR FINISHES TO BE SMOOTH AND LEVEL TO REDUCE IN JURY WITH USE. PROVIDE 3/4" (19MM) PLYWOOD SUPPORT BETWEEN STUDS FOR ALL WALLS TO SUPPORT UPPER CABINETRY AND SHELVING, INCLUDING RECEPTION AND ALL TREATMENT ROOMS. WOOD SUPPORTS ABOVE THE CEILING MAY NEED TO BE FIRE RATED, FOLLOW LOCAL CODES.
11. PRIOR TO POURING THE CONCRETE FLOOR AND ENCLOSING ALL WALLS, THE GENERAL CONTRACTOR SHALL CONTACT THE ESS AND INSTALLATION TECHNICIAN FOR FINAL INSPECTION OF PLUMBING, ELECTRICAL AND WOOD SUPPORTS.
12. ALL LABOR AND MATERIAL NECESSARY FOR CHANGES IN EXISTING PLUMBING, CARPENTRY, AND ELECTRICAL WORK MUST BE DONE AND SUPPLIED BY THE GENERAL CONTRACTOR AND IS NOT INCLUDED IN THE COST OF EQUIPMENT.
13. ALL PLUMBING AND ELECTRICAL LINES ARE TO BE CONCEALED UNLESS OTHERWISE SPECIFIED.
14. THE ELECTRICAL PANEL SHALL BE CONVENIENTLY AND ACCESSIBLE, MEET THE ELECTRICAL CODE REQUIREMENTS, AND BE LOCATED IN THE SUITE. LOCATION TO BE APPROVED BY THE OWNER AND LANDLORD. THE GC SHALL REVIEW THE LOCATION WITH THE ESS, AS WELL AS THE LOCATIONS OF THE TELEPHONE SYSTEM AND SERVER/DATA IMAGING.
15. HENRY SCHEIN DENTAL SHALL NOT BE HELD RESPONSIBLE FOR SUPPLYING UL/ULC OR CSA APPROVAL CERTIFICATES. THE GC MAY CONTACT THE MANUFACTURER IF REQUIRED.
16. THE ELECTRICAL SUBCONTRACTOR SHALL PROVIDE SPECIFIED TERMINATION BOXES, RECEPTACLES AND ANY HARDWIRE CIRCUITS LOCATED IN CUSTOM DENTAL CABINETRY. THEY ARE ALSO RESPONSIBLE FOR SUPPLYING GFCI RECEPTACLES WHERE REQUIRED BY CODE.
17. THE GC IS TO MAKE ARRANGEMENTS FOR TEMPORARY POWER AND/OR DISCONNECTION OF ELECTRICAL AND MECHANICAL SYSTEMS IF AND WHEN REQUIRED.
18. IF MULTIMEDIA SYSTEMS, SUCH AS ENTERTAINMENT TVS, MONITORS, OR NETWORK COMPUTER SYSTEMS, OR SECURITY SYSTEMS ARE SUPPLIED AND INSTALLED BY HENRY SCHEIN DENTAL, THEN THESE SYSTEMS WILL BE THEIR RESPONSIBILITY. IN THE EVENT THAT THESE SYSTEMS, OR OTHER SYSTEMS, ARE NOT PROVIDED BY HENRY SCHEIN DENTAL, HENRY SCHEIN DENTAL SHALL NOT BE HELD RESPONSIBLE FOR THEIR INSTALLATION OR COMMISSIONING.
19. HENRY SCHEIN DENTAL WILL ASSEMBLE EQUIPMENT AND, WHERE SPECIFIED WITHIN THESE DRAWINGS, CONNECT TO UTILITIES PROVIDED. SUCH CONNECTIONS BY OTHER TRADES ARE SUPPLIED CORRECTLY AND COMPLETELY (WITH PROPER SHUT-OFF VALVES/FITTINGS/ OUTLETS/TERMINATIONS). VERIFY ALL CONTRACTOR RESPONSIBILITIES FOR FINAL CONNECTIONS WITH THESE DRAWINGS AND HENRY SCHEIN DENTAL ESS. DIRECT ANY QUESTIONS REGARDING CONTRACTOR RESPONSIBILITIES TO HENRY SCHEIN DENTAL ESS PRIOR TO CONSTRUCTION.
20. WHEN APPLICABLE, THE GC SHALL BE RESPONSIBLE FOR PROCURING A PLUMBING SUB-CONTRACTOR THAT IS CERTIFIED TO INSTALL CATEGORY 3 NITROUS OXIDE–OXYGEN CONSCIOUS SEDATION SYSTEMS AS DETAILED IN THESE PLANS. HENRY SCHEIN DENTAL IS A NITROUS OXIDE SYSTEM END USER COMPONENT SUPPLIER AND DOES NOT MANUFACTURE OR DESIGN ANY OF THESE SYSTEMS. ANY SYSTEM DESIGN SHOWN ON THESE PLANS BY HENRY SCHEIN DENTAL IS TO BE USED AS AN ILLUSTRATION ONLY FOR THE PURPOSE OF LOCATING END USER OUTLET STATIONS, CYLINDER ROOM MANIFOLD, AND ALARM PANEL. THE FINAL TRUNK SYSTEM INSTALLATION SHALL ADHERE TO THE MECHANICAL ENGINEERING DRAWINGS PREPARED BY A THIRD PARTY.
21. PLUMBING SUBCONTRACTOR SHALL PROVIDE GAS CERTIFICATION CREDENTIALS IN ACCORDANCE WITH ANY REQUESTS BY THE OWNER, GENERAL CONTRACTOR, BUILDING DEPARTMENT, OR HENRY SCHEIN DENTAL PRIOR TO COMMENCING WORK IF ANY TYPE OF NITROUS–OXIDE SYSTEM IS BEING INCORPORATED INTO THE PROJECT.

PRIOR TO POURING THE CONCRETE FLOOR AND ENCLOSING ALL WALLS AND CEILINGS, THE GENERAL CONTRACTOR SHALL CONTACT THE ESS AND INSTALLATION TECHNICIAN FOR FINAL INSPECTION OF PLUMBING, ELECTRICAL AND WOOD SUPPORTS.

EQUIPMENT SPECIALIST (ESS): ANDREW COTTLE	**TELEPHONE:** 801-842-4450
TECHNOLOGY SPECIALIST:	**TELEPHONE:**
INSTALLATION TECHNICIAN:	**TELEPHONE:**

SHEET INDEX

SHEET	TITLE
SCV	COVER SHEET
SA.0	DENTAL EQUIPMENT FLOOR PLAN
SA.1	DENTAL DIMENSION & REINFORCEMENT PLAN
SP.1	DENTAL PLUMBING SPECIFICATIONS
SE.1	DENTAL ELECTRICAL SPECIFICATIONS
SED.1	DENTAL EQUIPMENT DETAILS
SED.2	DENTAL EQUIPMENT DETAILS

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PROJECT: **PLATINUM LOGAN CHENEY**
LOCATION: 167 E 200 NORTH LOGAN UT 84321

HENRY SCHEIN REP: ANDREW COTTLE
REGION: UTAH
PHONE #: 801-842-4450

-IMPORTANT NOTE-
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ALL DIMENSIONS ARE SUBJECT TO JOB-SITE VERIFICATION.

PROJECT NUMBER: XX-XXXXXX
PROJECT START DATE: 3/3/2021
FINALS START DATE: 3/3/2021
DRAWN BY: ARCH
FINALS BY: LMW
CHECKED BY: GS

REVISIONS:

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INT.SQ.FT.= PER ARCH
SCALE: N/A
SHT. SIZE: 24 x 36
COVER SHEET
SCV

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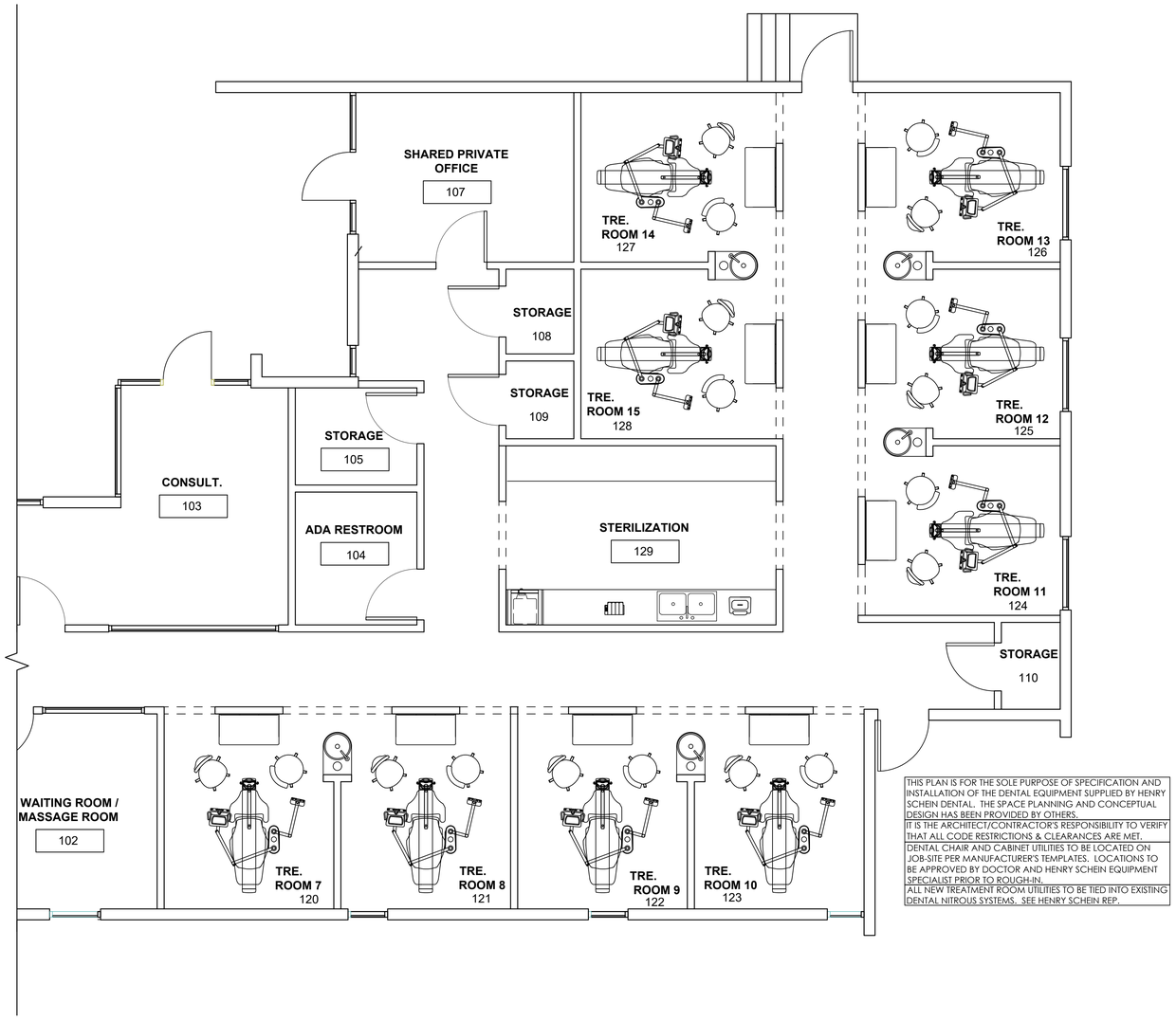
P:_ALL REGIONS\UT Utah\Platinum Dental Care\Logan Cheney\Platinum Dental Logan Cheney-1-D



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IT IS THE ARCHITECT/CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT ALL CODE RESTRICTIONS & CLEARANCES ARE MET.

DENTAL CHAIR AND CABINET UTILITIES TO BE LOCATED ON JOB-SITE PER MANUFACTURER'S TEMPLATES. LOCATIONS TO BE APPROVED BY DOCTOR AND HENRY SCHEIN EQUIPMENT SPECIALIST PRIOR TO ROUGH-IN.

ALL NEW TREATMENT ROOM UTILITIES TO BE TIED INTO EXISTING DENTAL NITROUS SYSTEMS. SEE HENRY SCHEIN REP.

PROPOSED FLOOR PLAN

1/4"=1'-0"

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INT.SQ.FT.= PER ARCH

SCALE: 1/4"=1'-0" | SHT. SIZE: 24 x 36

FLOOR PLAN

SA.0

P:_ALL REGIONS\UT Utah\Platinum Dental Care\Logan Cheney\Platinum Dental Logan Cheney-1.F

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REINFORCEMENT SPECIFICATIONS

QUANTITY	SPEC. NUMBER	DESCRIPTION	DETAIL
		PLEASE NOTE: A LICENSED CONTRACTOR IS RESPONSIBLE FOR PROVIDING EQUIPMENT BLOCKING. ALL REQUIREMENTS TO BE VERIFIED BY MANUFACTURER'S SPEC SHEETS PROVIDED BY HENRY SCHEIN DENTAL EQUIPMENT SPECIALIST. MANUFACTURER'S SPECS SUPERSEDE ANY AND ALL INFORMATION CONTAINED HEREIN.	
9	6	DENTAL TRACK LIGHT - SUPPLIED AND INSTALLED BY HENRY SCHEIN DENTAL	6

CONSTRUCTION NOTES

1. THIS SPECIFICATION SHEET IS INTENDED AS A GUIDE FOR TRADESMEN. THE FLOOR PLANS ENCLOSED HEREIN ARE SUGGESTIONS FOR THE PLACEMENT OF DENTAL EQUIPMENT. THEY ARE NOT INTENDED FOR CONSTRUCTION.

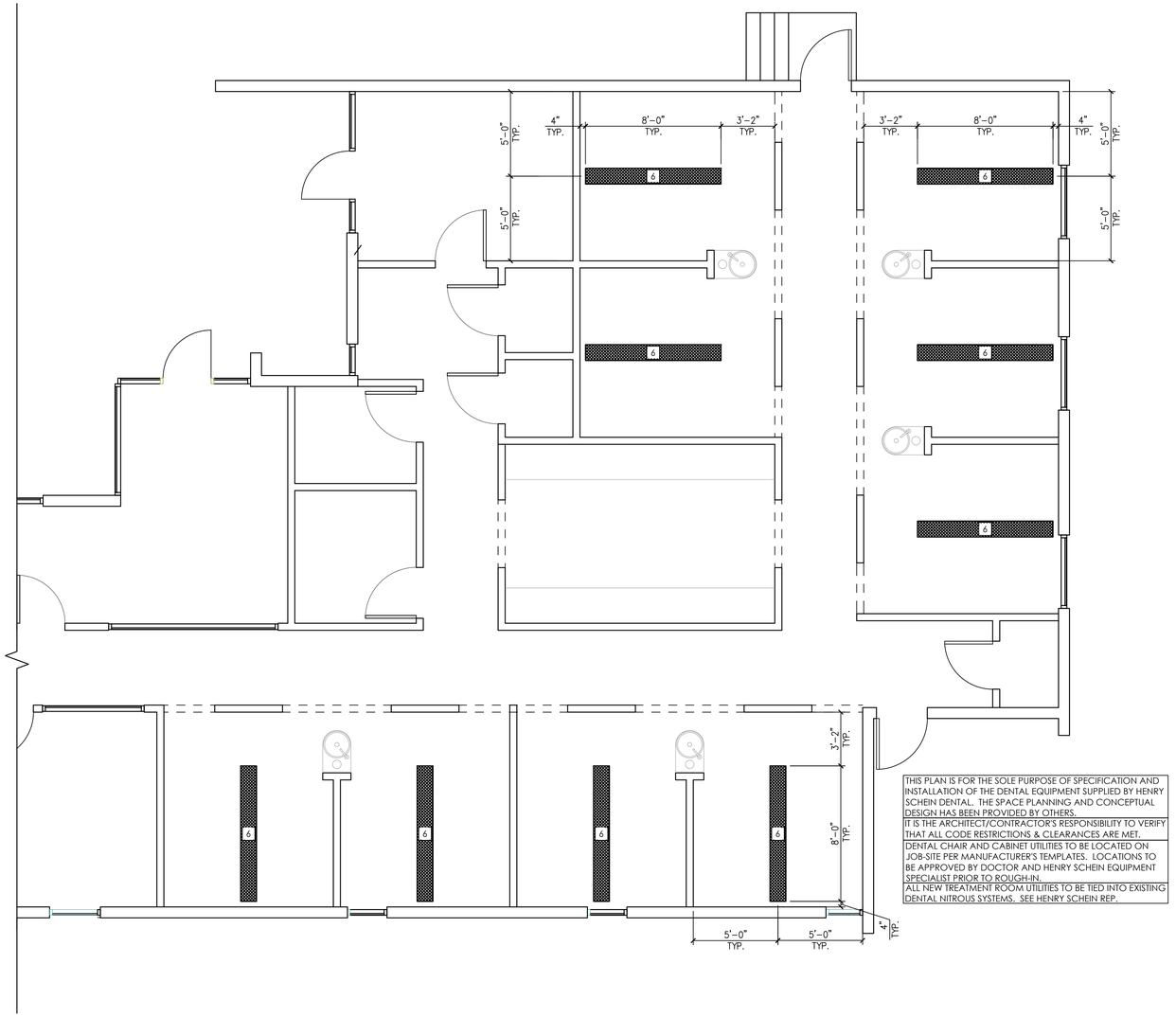
2. VERIFY ALL DIMENSIONS WITH HENRY SCHEIN DENTAL REP. ON JOBSITE. ON SITE MODIFICATIONS MAY NEED TO BE DONE BY CONTRACTOR, BUT SHOULD BE VERIFIED BY ALL PARTIES INVOLVED.

3. 5/8" GYPSUM WALLBOARD IS RECOMMENDED THROUGHOUT THE OFFICE TO PROVIDE SOUND ATTENUATION & ADDITIONAL PROTECTION AGAINST X-RAY SCATTER RADIATION.

WALL LEGEND

NEW REINFORCEMENT PLACED FOR CEILING-MOUNTED EQUIPMENT. SEE "REINFORCEMENT SPECIFICATION SCHEDULE" FOR MORE INFORMATION.

SEE SHEETS SED.1 & SED.2 FOR DENTAL EQUIPMENT DETAILS



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PROJECT NUMBER: XX-XXXXXX

PROJECT START DATE: 3/3/2021

FINALS START DATE: 3/3/2021

DRAWN BY: ARCH
FINALS BY: LMW
CHECKED BY: GS

REVISIONS:

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INT.SQ.FT.= PER ARCH

SCALE: 1/4"=1'-0"

SHT. SIZE: 24 x 36

REINFORCEMENT PLAN

SA.1

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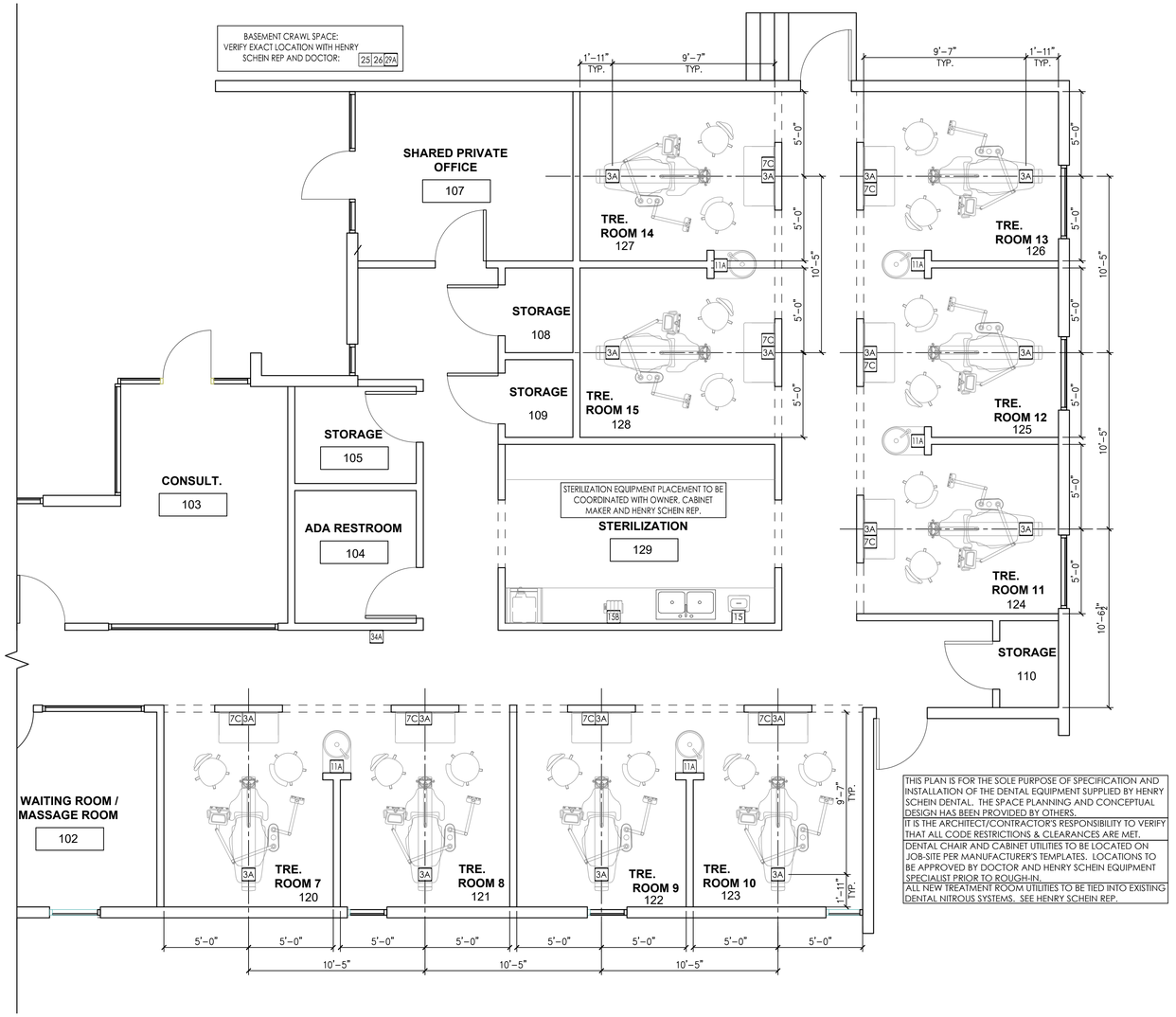


PROPOSED PLUMBING PLAN
1/4"=1'-0"

THIS PLAN IS FOR THE SOLE PURPOSE OF SPECIFICATION AND INSTALLATION OF THE DENTAL EQUIPMENT SUPPLIED BY HENRY SCHEIN DENTAL. THE SPACE PLANNING AND CONCEPTUAL DESIGN HAS BEEN PROVIDED BY OTHERS.

IT IS THE ARCHITECT/CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT ALL CODE RESTRICTIONS & CLEARANCES ARE MET.

DENTAL CHAIR AND CABINET UTILITIES TO BE LOCATED ON JOB-SITE PER MANUFACTURER'S TEMPLATES. LOCATIONS TO BE APPROVED BY DOCTOR AND HENRY SCHEIN EQUIPMENT SPECIALIST PRIOR TO ROUGH-IN.

ALL NEW TREATMENT ROOM UTILITIES TO BE TIED INTO EXISTING DENTAL NITROUS SYSTEMS. SEE HENRY SCHEIN REP.

VACUUM NOTES

THE VACUUM PIPING LAYOUT HAS A LARGE EFFECT ON THE EFFICIENCY AND RELIABILITY OF THE DENTAL VACUUM SYSTEM. REFER TO MANUFACTURER'S PRE-INSTALLATION GUIDE PROVIDED BY HENRY SCHEIN EQUIPMENT SPECIALIST (FOR SPECIFIC SIZING OF STUB-UP, TRUNK, AND BRANCH LINES.

IT IS HIGHLY RECOMMENDED THAT VACUUM LINES RUN UNDERNEATH DENTAL EQUIPMENT BY MEANS OF TRENCHING/ CORING (CONCRETE SLAB) OR IN SUB FLOOR (BASEMENT/ CRAWL SPACE). ALL LINES ARE TO BE DESIGNED WITH PVC PIPING UNLESS DICTATED BY LOCAL CODES TO USE COPPER OR CAST IRON.

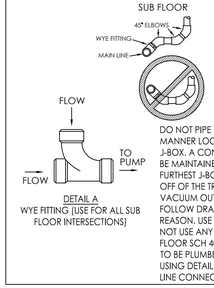
TO ENSURE OPTIMUM VACUUM PERFORMANCE, INSTALL MAIN LINE DIRECTLY BELOW THE DENTAL CHAIR, CABINET OR WALL JUNCTION BOX TO REDUCE OR ELIMINATE BRANCH LINE RUNS WHEREVER POSSIBLE.

1. STUB-UP
TERMINATE VACUUM TRUNK LINE IN MECHANICAL ROOM. PLUMBING CONTRACTOR TO PROVIDE FPT ADAPTOR ON END OF STUB-OUT FROM FLOOR OR WALL. SIZE OF ADAPTOR TO BE DETERMINED BY TRUNK AND PUMP INTAKE PIPE SIZES. SEE DETAILS THIS SET & MANUFACTURER TEMPLATES PROVIDED BY HENRY SCHEIN EQUIPMENT REP. IN THE CASE OF DUAL TRUNK LINE SYSTEM, PROVIDE ENOUGH SPACE BETWEEN STUB-UPS TO INSTALL TEES ON BOTH LINES.

2. TRUNK LINE(S)
VACUUM TRUNK LINES(S) TO BE SUPPORTED EVERY 6'-0" TO PREVENT SAG AND SLOPED A MINIMUM OF 1/4" PER 10'-0" TOWARD THE VACUUM PUMP.

3. BRANCH LINE(S)
BRANCH LINES ARE TO HAVE "SWEEPING" 90 DEGREE TURNS TO AVOID VACUUM LOSS. A "WYE" FITTING SHOULD BE USED TO JOIN BRANCH LINES TO THE TRUNK LINE.

BRANCH LINE CONFIGURATION



DETAIL A
WYE FITTING (USE FOR ALL SUB FLOOR INTERSECTIONS)

DO NOT PIPE TRUNK LINE IN A SERIES MANNER LOOPING FROM J-BOX TO J-BOX. A CONTINUOUS TRUNK LINE MUST BE MAINTAINED FROM THE PUMP TO THE FURTHEST J-BOX USING BRANCH LINES OFF OF THE TRUNK LINE TO PICK UP EACH VACUUM OUTLET. TRUNK LINE MAY FOLLOW DRAIN LINE TRENCHES WITHIN REASON. USE ONLY 45 DEGREE EL'S. DO NOT USE ANY 90 DEGREE EL'S. ALL SUB FLOOR SCH 40 PVC CONNECTIONS ARE TO BE PLUMBED WITH 45 DEGREE EL'S USING DETAIL A FOR TEEING BRANCH LINE CONNECTIONS INTO TRUNK LINE.

SPECIAL NOTE:
IF VACUUM LINES ENCROACH ON EITHER A WALL OR COLUMN FOOTING, USE 45 DEGREE ELBOWS TO PIPE AROUND FOOTING SO PIPE REACHES PROPER LOCATION.

PLUMBING SPECIFICATIONS

PLEASE NOTE: A LICENSED PLUMBING CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL REQUIRED UTILITIES. ALL REQUIREMENTS TO BE VERIFIED BY MANUFACTURER'S SPEC SHEETS PROVIDED BY HENRY SCHEIN DENTAL EQUIPMENT SPECIALIST. MANUFACTURER'S SPECS SUPERSEDE ANY AND ALL INFORMATION CONTAINED HEREIN.

QUANTITY	SPEC. NUMBER	DESCRIPTION	UTILITIES: COLD WATER	HOT WATER	DRAIN	COMPRESSED AIR	NATURAL GAS	VACUUM	N2O	OXYGEN	VENT	DETAIL
18	3A	UTILITY CENTER - SELF-CONTAINED WATER.				•		•				3A
9	7C	N2O, O2 CHECK VALVES & VACUUM LINE – CHECK VALVES SUPPLIED BY HENRY SCHEIN DENTAL. GAS LINES & CHECK VALVES INSTALLED BY ASSE 6010 CERTIFIED PLUMBER. SILVER SOLDERED TYPE K OR L COPPER GAS LINES RUN TO LOCATION SHOWN FROM MANIFOLD (33) OR SHUT-OFF VALVE (34A) DEPENDING ON APPLICATION. 1/2" VACUUM BRANCH LINE FROM MAIN TRUNK LINE BY PLUMBER. LOCATIONS SHOWN ON UTILITY CENTER DETAIL(S). VERIFIED BY HENRY SCHEIN REP. ALL ASPECTS OF SYSTEM MUST CONFORM WITH NFPA 99 CODES RELATING TO CATEGORY 3 DENTAL FACILITIES.						•	•	•		7C
5	11A	STANDARD SINK & FAUCET - CONTRACTOR TO PROVIDE AND INSTALL SINK AND FAUCET. MANUFACTURER AND STYLE DETERMINED BY OWNER. FINAL CONNECTIONS BY CONTRACTOR.	•	•	•							
1	15	ULTRASONIC CLEANER - SUPPLIED AND INSTALLED BY HENRY SCHEIN DENTAL. CONNECTS TO SINK DRAIN.										15
1	15B	HANDPIECE MAINTENANCE SYSTEM - CONTRACTOR TO PROVIDE REQ'D UTILITIES. 1/2" AIR LINE WITH 3/8" ANGLE VALVE (58-145 PSI) ABOVE COUNTERTOP. SYSTEM SUPPLIED AND INSTALLED BY HENRY SCHEIN DENTAL.				•						15B
1	25	DENTAL AIR COMPRESSOR - SUPPLIED BY HENRY SCHEIN DENTAL, INSTALLED BY CONTRACTOR. FOR DENTAL AIR DRIVEN DEVICES. 1/2" I.D. COPPER TYPE K OR L SUPPLY LINES TO LOCATIONS THAT REQUIRE AIR. BUCK BOOST TRANSFORMER SUPPLIED AND INSTALLED BY CONTRACTOR (IF REQ'D). FINAL CONNECTIONS BY CONTRACTOR. REFER TO NFPA 99 CODES RELATING TO CATEGORY 3 DENTAL FACILITIES.				•						25
1	26	VACUUM PUMP (WET) - SUPPLIED BY HENRY SCHEIN DENTAL, INSTALLED BY CONTRACTOR. VERIFY TRUNK, REDUCTION AND BRANCH LINE SIZES WITH MFR RECOMMENDATIONS. USE SCH 40 PVC WHERE PERMITTED BY CODE. EXHAUST PUMP TO OUTSIDE. BACK FLOW PREVENTION REQ'D PER LOCAL CODE. HENRY SCHEIN TO SUPPLY AIR/WATER SEPARATOR IF REQ'D. BUCK BOOST TRANSFORMER SUPPLIED AND INSTALLED BY CONTRACTOR (IF REQ'D). DRAIN BY PLUMBER. FINAL CONNECTIONS BY CONTRACTOR. SEE DETAIL.	•	•			•				•	26
1	29A	AMALGAM SEPARATOR - SUPPLIED BY HENRY SCHEIN DENTAL, INSTALLED BY PLUMBER. VERIFY LOCATION WITH HENRY SCHEIN DENTAL EQUIPMENT SPECIALIST. CONNECT TO VACUUM LINE COMING IN FROM TREATMENT ROOMS.										29A
1	34A	NITROUS OXIDE & OXYGEN EMERGENCY SHUT-OFF VALVE - SUPPLIED BY HENRY SCHEIN DENTAL, INSTALLED BY ASSE 6010 CERTIFIED CONTRACTOR ON BRANCH LINES BETWEEN MANIFOLD & TREATMENT ROOMS. SILVER SOLDERED TYPE K OR L COPPER LINES ONLY. FOLLOW NFPA 99 CODES.								•	•	34A

PLUMBING NOTES

1. THIS SPECIFICATION SHEET IS INTENDED AS A GUIDE FOR TRADESMEN. THE FLOOR PLANS ENCLOSED HEREIN ARE SUGGESTIONS FOR THE PLACEMENT OF DENTAL EQUIPMENT. THEY ARE NOT INTENDED FOR CONSTRUCTION.

2. EXACT EQUIPMENT LOCATIONS MUST BE JOB SITE VERIFIED BY THE HENRY SCHEIN DENTAL EQUIPMENT SPECIALIST.

3. FOLLOW MANUFACTURER'S TEMPLATES FOR EXACT REQUIREMENTS FOR ANY EQUIPMENT SUPPLIED BY HENRY SCHEIN DENTAL. CONSULT WITH HENRY SCHEIN DENTAL REP FOR ADDITIONAL INFORMATION.

4. ANY REFERENCE TO "AIR", "COMPRESSED AIR" OR "AIR COMPRESSOR" REFER TO THE UNIT AND ALL COMPONENTS WHICH ARE CONSIDERED A CATEGORY 3 DENTAL AIR SUPPLY SYSTEM. REFER THE LOCALLY ACCEPTED VERSION OF NFPA 99 FOR CODE REQUIREMENTS. THIS SHOULD NOT BE CONFUSED WITH "AIR" AS IT IS DEFINED IN CATEGORY 1 OR 2 MEDICAL FACILITIES.

5. WATER PRESSURE MUST NOT EXCEED 50 PSI AT ALL DENTAL UNITS.

6. BACK-FLOW PREVENTION IS REQUIRED ON ALL LINES AS PER LOCAL CODE.

7. REFER TO ARCHITECT'S DRAWINGS FOR PLUMBING REQUIREMENTS IN ALL AREAS NOT INDICATED ON THIS PLAN.

ALL DIMENSIONS NOTED ON PLAN ARE TO THE CENTERLINE OF PLUMBING OR UTILITY CENTER (UNLESS SHOWN OTHERWISE)

SEE SHEETS SED.1 & SED.2 FOR DENTAL EQUIPMENT DETAILS

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HENRY SCHEIN® DENTAL
10920 W LINCOLN AVE, WEST ALLIS, WI 53227
hsintegrateddesign.com

PROJECT: **PLATINUM LOGAN CHENEY**

LOCATION: 167 E 200 NORTH LOGAN UT 84321

HENRY SCHEIN REP: ANDREW COTTLE

REGION: UTAH

PHONE #: 801-842-4450

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FINALS BY: LMW
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INT.SQ.FT.= PER ARCH

SCALE: 1/4"=1'-0"

SHT. SIZE: 24 x 36

DENTAL PLUMBING PLAN

SP.1

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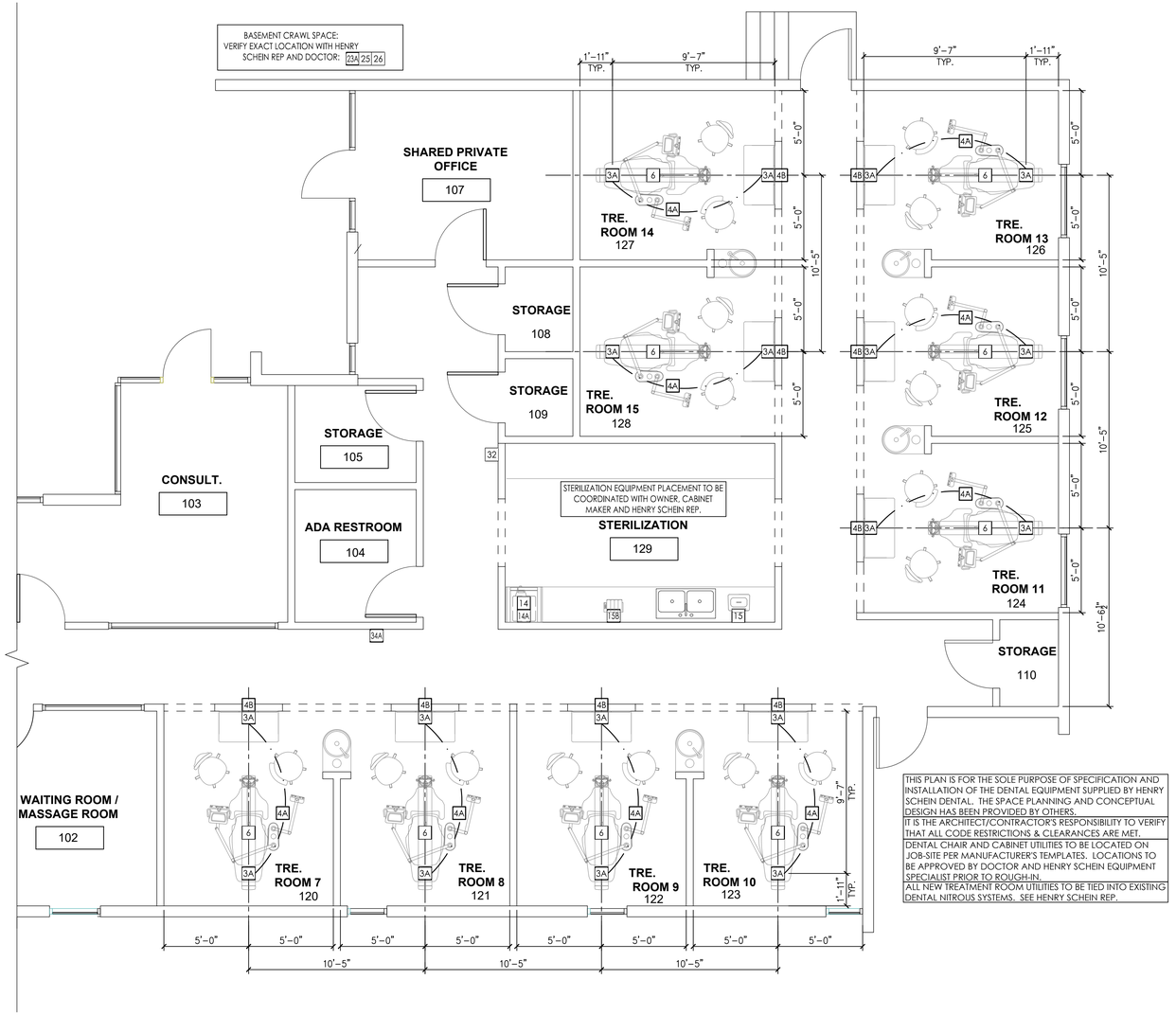

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ALL NEW TREATMENT ROOM UTILITIES TO BE TIED INTO EXISTING DENTAL NITROUS SYSTEMS. SEE HENRY SCHEIN REP.

PROPOSED ELECTRICAL PLAN

1/4"=1'-0"

ELECTRICAL SPECIFICATIONS

PLEASE NOTE: A LICENSED ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL REQUIRED UTILITIES. ALL REQUIREMENTS TO BE VERIFIED BY MANUFACTURER'S SPEC SHEETS PROVIDED BY HENRY SCHEIN DENTAL EQUIPMENT SPECIALIST. MANUFACTURER'S SPECS SUPERSEDE ANY AND ALL INFORMATION CONTAINED HEREIN.

QUANTITY	SPEC. NUMBER	DESCRIPTION	UTILITIES: POWER	DEDICATED CIRCUIT	LOW VOLTAGE CONTROL	DATA DROP	DETAIL
18	3A	UTILITY CENTER - SELF-CONTAINED WATER.	115V				3A
9	4A	2" CONDUIT - SUB-FLOOR PIPE CHASE WITH PULL-STRING SUPPLIED & INSTALLED BY CONTRACTOR. SWEEPING 90 DEGREE BENDS ONLY. STUB-UP FLUSH WITH SUB-FLOOR, MARK LOCATION AT FINISH.					4A
9	4B	3/4" CONDUIT - VERTICAL PIPE CHASE WITH PULL-STRING SUPPLIED AND INSTALLED BY CONTRACTOR. RUN FROM ABOVE CEILING DOWN TO TWO-GANG MUD RING OR BOX AT SILL PLATE.					4B
9	6	DENTAL TRACK LIGHT - SUPPLIED AND INSTALLED BY HENRY SCHEIN DENTAL	115V				6
1	14	STERILIZER (SINGLE CASSETTE) - SUPPLIED AND INSTALLED BY HENRY SCHEIN DENTAL. VERIFY IF SWITCHED OUTLET IS REQ'D.	115V	20A	•		14A
1	14A	STERILIZER (AUTO-CLAVE) - SUPPLIED AND INSTALLED BY HENRY SCHEIN DENTAL. VERIFY IF SWITCHED OUTLET IS REQ'D.	115V	20A	•		14A
1	15	ULTRASONIC CLEANER - SUPPLIED AND INSTALLED BY HENRY SCHEIN DENTAL. CONNECTS TO SINK DRAIN.	115V				15
1	15B	HANDPIECE MAINTENANCE SYSTEM - CONTRACTOR TO PROVIDE REQ'D UTILITIES. 1/2" AIR LINE WITH 3/8" ANGLE VALVE (58-145 PSI) ABOVE COUNTERTOP. SYSTEM SUPPLIED AND INSTALLED BY HENRY SCHEIN DENTAL.	115V				15B
1	23A	EXHAUST FAN FOR DENTAL MECHANICAL CLOSET - SUPPLIED AND INSTALLED BY CONTRACTOR. A THERMOSTAT CONTROLLED FAN IS REQUIRED TO KEEP ROOM TEMPERATURE WITHIN THE EQUIPMENT MANUFACTURER'S RECOMMENDED OPERATING TEMPERATURE RANGE. FAN OUTPUT (CFM) TO BE DETERMINED BY ARCHITECT/ENGINEER. VENT TO OUTSIDE.	115V	•			
1	25	DENTAL AIR COMPRESSOR - SUPPLIED BY HENRY SCHEIN DENTAL, INSTALLED BY CONTRACTOR. FOR DENTAL AIR DRIVEN DEVICES. 1/2" I.D. COPPER TYPE K OR L SUPPLY LINES TO LOCATIONS THAT REQUIRE AIR. BUCK BOOST TRANSFORMER SUPPLIED AND INSTALLED BY CONTRACTOR (IF REQ'D). FINAL CONNECTIONS BY CONTRACTOR. REFER TO NFPA 99 CODES RELATING TO CATEGORY 3 DENTAL FACILITIES.	230V	30A	•		25
1	26	VACUUM PUMP (WET) - SUPPLIED BY HENRY SCHEIN DENTAL, INSTALLED BY CONTRACTOR. VERIFY TRUNK, REDUCTION AND BRANCH LINE SIZES WITH MFR RECOMMENDATIONS. USE SCH 40 PVC WHERE PERMITTED BY CODE. EXHAUST PUMP TO OUTSIDE. BACK FLOW PREVENTION REQ'D PER LOCAL CODE. HENRY SCHEIN TO SUPPLY AIR/WATER SEPARATOR IF REQ'D. BUCK BOOST TRANSFORMER SUPPLIED AND INSTALLED BY CONTRACTOR (IF REQ'D). DRAIN BY PLUMBER. FINAL CONNECTIONS BY CONTRACTOR. SEE DETAIL.	230V	20(2)	•		26
1	32	REMOTE CONTROL PANEL - SUPPLIED BY HENRY SCHEIN DENTAL, INSTALLED BY CONTRACTOR 60" A.F.F. CONTRACTOR TO SUPPLY AND INSTALL 24V CONTROL WIRING FROM PANEL TO EACH COMPRESSOR, VACUUM AND/OR SOLENOID PER MFR SPECS.			•		32
1	34A	NITROUS OXIDE & OXYGEN EMERGENCY SHUT-OFF VALVE - SUPPLIED BY HENRY SCHEIN DENTAL, INSTALLED BY ASSE 6010 CERTIFIED CONTRACTOR ON BRANCH LINES BETWEEN MANIFOLD & TREATMENT ROOMS. SILVER SOLDERED TYPE K OR L COPPER LINES ONLY. FOLLOW NFPA 99 CODES.	24V		•		34A

ELECTRICAL NOTES

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3. FOLLOW MANUFACTURER'S TEMPLATES FOR EXACT REQUIREMENTS FOR ANY EQUIPMENT SUPPLIED BY HENRY SCHEIN DENTAL. CONSULT WITH HENRY SCHEIN DENTAL REP FOR ADDITIONAL INFORMATION.
4. GFCI PROTECTION OR REDUNDANT GROUND IN DENTAL CHAIR RECEPTACLES, DENTAL UTILITY CABINETS AND ANY OTHER AREAS REQUIRED BY LOCAL CODE IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
5. ADDITIONAL CONVENIENCE OUTLETS REQUIRED ON JOBSITE ARE THE RESPONSIBILITY OF ELECTRICAL CONTRACTORS. FOLLOW LOCAL CODE RESTRICTIONS.
6. CONDUIT LOCATIONS (4, 4A, 4B, 4C) SHOULD BE VERIFIED WITH OWNER AND HENRY SCHEIN REP PRIOR TO ROUGH-IN.
7. ALL COMPUTER NETWORKING AND WORKSTATIONS MUST BE SPECIFIED BY CUSTOMER'S COMPUTER SUPPLIER. IF HENRY SCHEIN WILL BE SUPPLYING THE COMPUTERS & NETWORKING COMPONENTS, SEE SHEET SE.2 FOR THE OFFICE TECHNOLOGY PLAN.
8. CONTRACTOR TO PROVIDE AND INSTALL ALL EXIT SIGNS, EMERGENCY LIGHTING AND FIRE SUPPRESSION & DETECTION SYSTEMS AS PER ARCHITECT'S DRAWINGS AND LOCAL CODE.
9. REFER TO ARCHITECT'S DRAWINGS FOR ELECTRICAL REQUIREMENTS IN ALL AREAS NOT INDICATED ON THIS PLAN.

ALL DIMENSIONS NOTED ON PLAN ARE TO THE CENTERLINE OF RECEPTACLE OR UTILITY CENTER (UNLESS SHOWN OTHERWISE)

*SPECIFICATIONS MAY INCLUDE DATA, SEE ELECTRICAL SCHEDULE THIS SHEET

SEE SHEETS SED.1 & SED.2 FOR DENTAL EQUIPMENT DETAILS

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INT.SQ.FT.= PER ARCH

SCALE: 1/4"=1'-0" | SHT. SIZE: 24 x 36

DENTAL ELECTRICAL PLAN

SE.1

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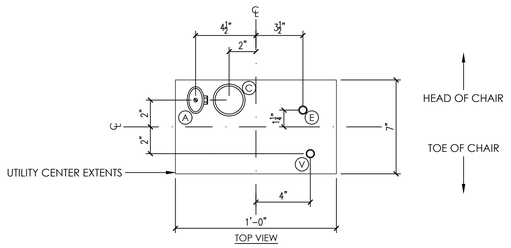
Ⓐ COMPRESSED AIR: 1/2" SUPPLY LINE FROM COMPRESSOR BY PLUMBER. STUB-UP FROM FLOOR 1"-2". TERMINATE WITH 3/8" ANGLE VALVE. PRESSURE 100 PSI MAX.

Ⓥ CENTRAL VACUUM: 5/8" RISER BY PLUMBER (SCH. 40 PVC OR TYPE M COPPER). TERMINATE 1"-2" A.F.F.

Ⓔ ELECTRICAL: TWO GANG BOX & 115V QUAD OUTLET BY ELECTRICIAN.

Ⓒ CHASE: GRAY ELECTRICAL PVC PIPE CHASE WITH PULL-STRING BY ELECTRICIAN (SEE SHEET SE.1 FOR SIZE & LOCATIONS). 6" MIN. RADIUS FOR ALL BENDS. STUB-UP FLUSH WITH SUB-FLOOR, MARK LOCATION AT FINISH.

NOTES:
1. DETAIL PROVIDED FOR UTILITY REQUIREMENTS. REFER TO MANUFACTURER'S INSTALLATION GUIDE FOR ADDITIONAL INFORMATION. HENRY SCHEIN DENTAL EQUIPMENT SPECIALIST WILL PROVIDE INSTALLATION TEMPLATE UPON REQUEST.
2. INSTALLATION MUST CONFORM TO ALL LOCAL ELECTRICAL AND PLUMBING CODES.
3. ALL UTILITIES HEREIN TO BE SUPPLIED & INSTALLED BY LICENSED CONTRACTORS. FINAL CONNECTIONS TO EQUIPMENT BY HENRY SCHEIN DENTAL.
4. ALL UTILITIES MUST BE NO HIGHER THAN 4½" A.F.F. AT FINISH.
5. ALL PLUMBED SYSTEMS MUST BE FLUSHED CLEAN OF ANY DEBRIS PRIOR TO EQUIPMENT INSTALLATION.



3A UTILITY CENTER
NOT TO SCALE

Ⓐ COMPRESSED AIR: 1/2" SUPPLY LINE FROM COMPRESSOR BY PLUMBER. STUB-UP FROM FLOOR 1"-2". TERMINATE WITH 3/8" ANGLE VALVE. PRESSURE 100 PSI MAX.

Ⓥ CENTRAL VACUUM: 5/8" RISER BY PLUMBER (SCH. 40 PVC OR TYPE M COPPER). TERMINATE 1"-2" A.F.F.

Ⓔ ELECTRICAL: TWO GANG BOX & 115V QUAD OUTLET BY ELECTRICIAN. CHAIR DRAW: 5A

Ⓒ CHASE: GRAY ELECTRICAL PVC PIPE CHASE WITH PULL-STRING BY ELECTRICIAN (SEE SHEET SE.1 FOR SIZE & LOCATIONS). 6" MIN. RADIUS FOR ALL BENDS. STUB-UP FLUSH WITH SUB-FLOOR, MARK LOCATION AT FINISH.

NOTES:
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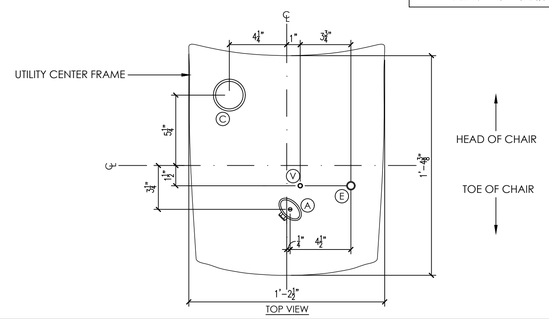
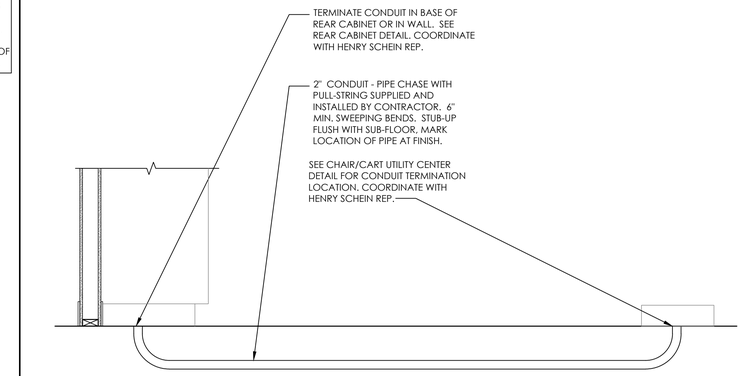


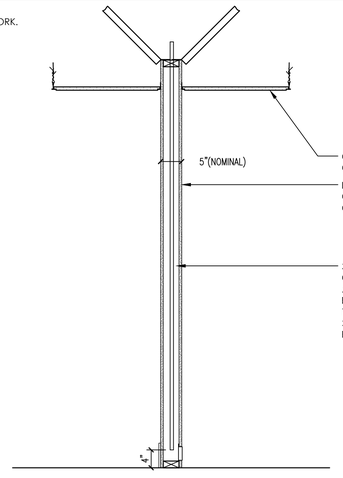
3A MIDMARK ULTRA SERIES CHAIR UTILITIES
NOT TO SCALE

FOLLOW LOCAL CODES FOR ALL WORK.

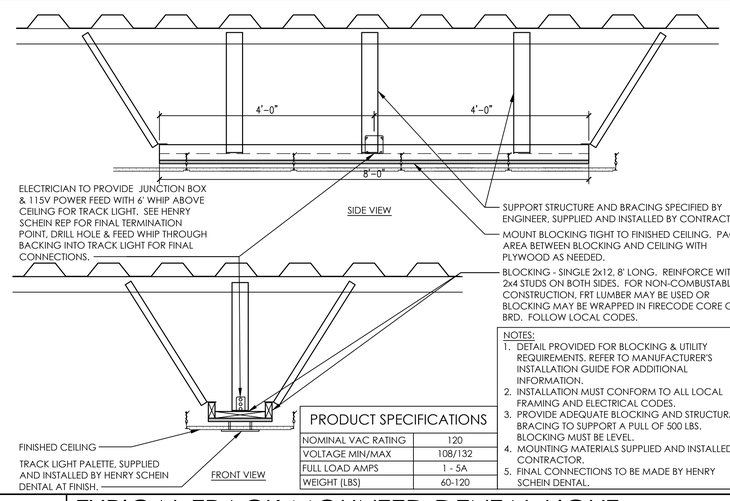


4A SUB-FLOOR CHASE
NOT TO SCALE

FOLLOW LOCAL CODES FOR ALL WORK.



4B VERTICAL CHASE
NOT TO SCALE



PRODUCT SPECIFICATIONS	
NOMINAL VAC RATING	120
VOLTAGE MIN/MAX	108/132
FULL LOAD AMPS	1 - 5A
WEIGHT (LBS)	60-120

NOTES:
1. DETAIL PROVIDED FOR BLOCKING & UTILITY REQUIREMENTS, REFER TO MANUFACTURER'S INSTALLATION GUIDE FOR ADDITIONAL INFORMATION.
2. INSTALLATION MUST CONFORM TO ALL LOCAL FRAMING AND ELECTRICAL CODES.
3. PROVIDE ADEQUATE BLOCKING AND STRUCTURAL BRACING TO SUPPORT A PULL OF 500 LBS. BLOCKING MUST BE LEVEL.
4. MOUNTING MATERIALS SUPPLIED AND INSTALLED BY CONTRACTOR.
5. FINAL CONNECTIONS TO BE MADE BY HENRY SCHEIN DENTAL.

6 TYPICAL TRACK MOUNTED DENTAL LIGHT
NOT TO SCALE

FOLLOW LOCAL CODES FOR ALL WORK.

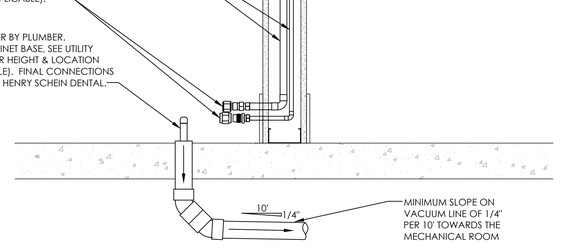
DETAIL PROVIDED FOR UTILITY REQUIREMENTS. REFER TO MANUFACTURER'S INSTALLATION GUIDE FOR ADDITIONAL INFORMATION.

TREATMENT ROOM WALL

ASSE 6010 CERTIFIED PLUMBER TO PROVIDE 3/8" N2O, 1/2" O2 LINES FROM MANIFOLD (33), OR EMERGENCY SHUT-OFF (34A) DEPENDING ON APPLICATION, SEE SHEET SP.1. SEE CABINET UTILITY DETAIL FOR HEIGHTS AND LOCATIONS (WHERE APPLICABLE).

CHECK-VALVES SUPPLIED BY HENRY SCHEIN DENTAL, INSTALLED BY ASSE 6010 CERTIFIED PLUMBER. TERMINATE LINES IN CABINET BASE OR LOCATION SPECIFIED IN CABINET UTILITY DETAIL (WHERE APPLICABLE).

VACUUM LINE RISER BY PLUMBER. TERMINATE IN CABINET BASE, SEE UTILITY CENTER DETAIL FOR HEIGHT & LOCATION (WHERE APPLICABLE). FINAL CONNECTIONS TO EQUIPMENT BY HENRY SCHEIN DENTAL.



NOTES REGARDING CATAGORY 3 / DENTAL NITROUS OXIDE CONCIOUS SEDATION SYSTEMS:

ALL ASPECTS OF THIS SYSTEM MUST COMPLY WITH THE CURRENTLY ACCEPTED VERSION OF NFPA 99 IN YOUR STATE/MUNICIPALITY. THESE INCLUDE BUT ARE NOT LIMITED TO:
-MATERIALS/INSTALLATION METHODS
-INSTALLER CERTIFICATIONS (ASSE 6010)
-CYLINDER STORAGE CLOSET REQUIREMENTS
-SYSTEM VERIFICATION CERTIFICATIONS (ASSE 6030)
-SYSTEM COMPONENT LABELING STANDARDS

IT IS THE ARCHITECT'S RESPONSIBILITY TO ENSURE THAT ALL APPLICABLE CODES ARE MET WITHIN THE CONSTRUCTION DOCUMENTS RELATING TO THE NITROUS OXIDE CONSCIOUS SEDATION SYSTEM.

COPIES OF NFPA 99 OR PORTIONS THEREOF MAY BE OBTAINED BY VISITING http://www.nfpa.org, OR CALLING: 1-800-344-3555

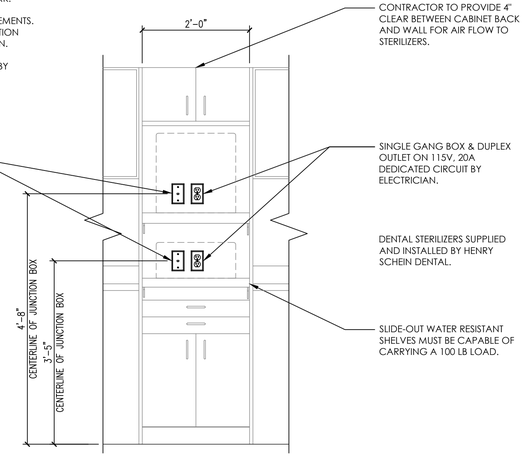
7C N_2O, O_2 SYSTEM TREATMENT ROOM TERMINATIONS
NOT TO SCALE

FOLLOW LOCAL CODES FOR ALL WORK.

DETAIL PROVIDED FOR UTILITY REQUIREMENTS. REFER TO MANUFACTURER'S INSTALLATION GUIDE FOR ADDITIONAL INFORMATION.

CABINETRY SUPPLIED AND INSTALLED BY CONTRACTOR.

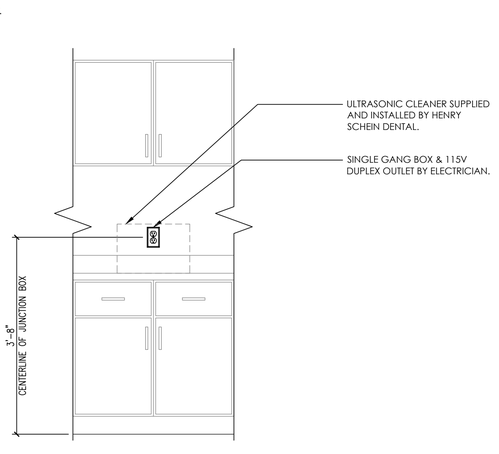
DATA: SINGLE GANG BOX WITH 1" CONDUIT AND PULL STRING TO 4" ABOVE FINISHED CEILING BY CONTRACTOR. DATA CABLING & RJ45 OUTLET BY OWNER'S I.T. COMPANY.



14A STERILIZER TOWER
NOT TO SCALE

FOLLOW LOCAL CODES FOR ALL WORK.

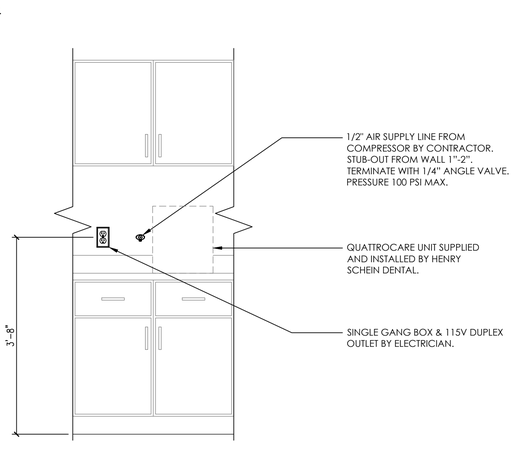
DETAIL PROVIDED FOR UTILITY REQUIREMENTS. REFER TO MANUFACTURER'S INSTALLATION GUIDE FOR ADDITIONAL INFORMATION.



15 ULTRASONIC CLEANER (COUNTERTOP)
NOT TO SCALE

FOLLOW LOCAL CODES FOR ALL WORK.

DETAIL PROVIDED FOR UTILITY REQUIREMENTS. REFER TO MANUFACTURER'S INSTALLATION GUIDE FOR ADDITIONAL INFORMATION.



15B KAVO QUATTROCARE MAINTENANCE SYSTEM
NOT TO SCALE

INTEGRATED DESIGN STUDIO®
HENRY SCHEIN® DENTAL
10920 W LINCOLN AVE, WEST ALLIS, WI 53227
henryscheinintegrateddesign.com

PROJECT: **PLATINUM LOGAN CHENEY**

LOCATION: 167 E 200 NORTH LOGAN UT 84321

HENRY SCHEIN REP: ANDREW COTTLE

REGION: UTAH

PHONE #: 801-842-4450

-IMPORTANT NOTE-
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PROJECT NUMBER: XX-XXXXXX

PROJECT START DATE: 3/3/2021

FINALS START DATE: 3/3/2021

DRAWN BY: ARCH
FINALS BY: LMW
CHECKED BY: GS

REVISIONS:

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INT.SQ.FT.= PER ARCH

SCALE: SEE DETAIL

SHT. SIZE: 24 x 36

DENTAL EQUIP. DETAILS

SED.1

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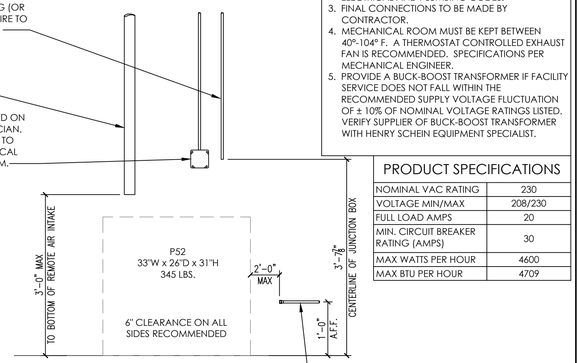
P:_ALL RECORDS\UT Utah\Platinum Dental Care\Logan Cheney\Platinum Dental Logan Cheney-1.0

THIS COMPRESSOR IS DESIGNED AS A "CATEGORY 3 GAS POWERED DEVICE SUPPLY SYSTEM" AS DEFINED IN NFPA 99.

RIGID CONDUIT TO 6" ABOVE CEILING (OR PER CODE) & 18/4 LOW VOLTAGE WIRE TO REMOTE SHUT-OFF BY ELECTRICIAN.

2" REMOTE AIR INTAKE BY PLUMBER. RUN TO EXTERIOR. PROTECT EXTERIOR PIPING FROM OUTDOOR ELEMENTS AS NEEDED.

TWO GANG BOX & 230V POWER FEED ON DEDICATED 20A CIRCUIT BY ELECTRICIAN. POWER IS HARDWIRED. ELECTRICIAN TO SUPPLY DISCONNECT BOX IF ELECTRICAL PANEL IS NOT IN MECHANICAL ROOM.



FRONT ELEVATION

1/2" TYPE "K" OR "L" COPPER AIR LINE TO TREATMENT ROOMS AND 1/2" FNPT END FITTING BY PLUMBER.

NOTES:
1. DETAIL PROVIDED FOR UTILITY REQUIREMENTS. REFER TO MANUFACTURER'S INSTALLATION GUIDE FOR ADDITIONAL INFORMATION.
2. INSTALLATION MUST CONFORM TO ALL LOCAL ELECTRICAL AND PLUMBING CODES.
3. FINAL CONNECTIONS TO BE MADE BY CONTRACTOR.
4. MECHANICAL ROOM MUST BE KEPT BETWEEN 40°-104° F. A THERMOSTAT CONTROLLED EXHAUST FAN IS RECOMMENDED. SPECIFICATIONS PER MECHANICAL ENGINEER.
5. PROVIDE A BUCK-BOOST TRANSFORMER IF FACILITY SERVICE DOES NOT FALL WITHIN THE RECOMMENDED SUPPLY VOLTAGE FLUCTUATION OF ± 10% OF NOMINAL VOLTAGE RATINGS LISTED. VERIFY SUPPLIER OF BUCK-BOOST TRANSFORMER WITH HENRY SCHEIN EQUIPMENT SPECIALIST.

PRODUCT SPECIFICATIONS	
NOMINAL VAC RATING	230
VOLTAGE MIN/MAX	208/230
FULL LOAD AMPS	20
MIN. CIRCUIT BREAKER RATING (AMPS)	30
MAX WATTS PER HOUR	4600
MAX BTU PER HOUR	4709

25 MIDMARK POWERAIR P52 COMPRESSOR

NOT TO SCALE

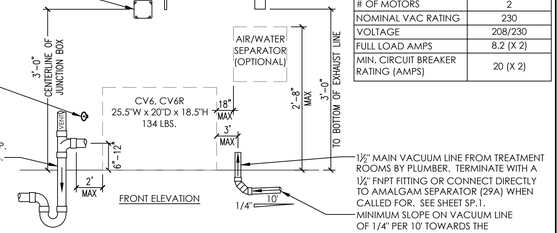
RIGID CONDUIT TO 6" ABOVE CEILING (OR PER CODE) & 18/4 LOW VOLTAGE WIRE TO REMOTE SHUT-OFF BY ELECTRICIAN.

2" EXHAUST VENT BY PLUMBER. RUN TO EXTERIOR. PROTECT EXTERIOR PIPING FROM OUTDOOR ELEMENTS AS NEEDED.

TWO GANG BOX & (2) 230V, 20A DEDICATED CIRCUITS BY ELECTRICIAN. POWER IS HARDWIRED. ELECTRICIAN TO SUPPLY DISCONNECT BOX IF ELECTRICAL PANEL IS NOT IN MECHANICAL ROOM.

1/2" WATER SUPPLY LINE WITH 1/2" FNPT x 3/8" SHUT-OFF VALVE BY CONTRACTOR.

1½" CLOSED VENTED DRAIN LINE FROM WALL OR FLOOR BY PLUMBER, NO TRAP BEFORE VENT. OR DRAIN LINE WITH P-TRAP AND AIR GAP. OR FLOOR SINK. FOLLOW LOCAL CODES.



FRONT ELEVATION

1½" MAIN VACUUM LINE FROM TREATMENT ROOMS BY PLUMBER. TERMINATE WITH A 1½" FNPT FITTING OR CONNECT DIRECTLY TO AMALGAM SEPARATOR (29A) WHEN CALLED FOR. SEE SHEET SP.1.

MINIMUM SLOPE ON VACUUM LINE OF 1/4" PER 10' TOWARDS THE MECHANICAL ROOM

NOTES:
1. DETAIL PROVIDED FOR UTILITY REQUIREMENTS. REFER TO MANUFACTURER'S INSTALLATION GUIDE FOR ADDITIONAL INFORMATION.
2. INSTALLATION MUST CONFORM TO ALL LOCAL ELECTRICAL AND PLUMBING CODES.
3. FINAL CONNECTIONS TO BE MADE BY CONTRACTOR.
4. MECHANICAL ROOM MUST BE KEPT BETWEEN 40°-104° F. A THERMOSTAT CONTROLLED EXHAUST FAN IS RECOMMENDED. SPECIFICATIONS PER MECHANICAL ENGINEER.
5. PROVIDE A BUCK-BOOST TRANSFORMER IF FACILITY SERVICE DOES NOT FALL WITHIN THE RECOMMENDED SUPPLY VOLTAGE FLUCTUATION OF ± 10% OF NOMINAL VOLTAGE RATINGS LISTED. VERIFY SUPPLIER OF BUCK-BOOST TRANSFORMER WITH HENRY SCHEIN EQUIPMENT SPECIALIST.

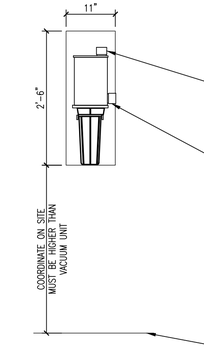
PRODUCT SPECIFICATIONS	
# OF MOTORS	2
NOMINAL VAC RATING	230
VOLTAGE	208/230
FULL LOAD AMPS	8.2 (X 2)
MIN. CIRCUIT BREAKER RATING (AMPS)	20 (X 2)

26 MIDMARK CV6R VACUUM

NOT TO SCALE

FOLLOW LOCAL CODES FOR ALL WORK.

DETAIL PROVIDED FOR UTILITY REQUIREMENTS. REFER TO MANUFACTURER'S INSTALLATION GUIDE FOR ADDITIONAL INFORMATION.



FRONT ELEVATION

AMALGAM SEPARATOR SUPPLIED BY HENRY SCHEIN DENTAL. INSTALLATION AND FINAL CONNECTIONS BY PLUMBER. COORDINATE LOCATION WITH HENRY SCHEIN TECHNICIAN.

1½" INLET FOR CONNECTION TO MAIN VACUUM LINE. USE PROVIDED INLET AND OUTLET COUPLINGS WITH FLEX PIPING. DO NOT GLUE PLUMBING TO THE NXT HG5 INLET OR OUTLET.

1½" OUTLET FOR CONNECTION TO WET RING VACUUM INLET OR DRY VACUUM COLLECTION TANK. MOUNT SEPARATOR SO THAT THIS OUTLET IS HIGHER THAN THE VACUUM TANK OR PUMP INLET. USE PROVIDED INLET AND OUTLET COUPLINGS WITH FLEX PIPING. DO NOT GLUE PLUMBING TO THE NXT HG5 INLET OR OUTLET.

SEE VACUUM PUMP DETAIL FOR VACUUM LINE TERMINATION FROM TREATMENT ROOMS.

MECHANICAL ROOM FLOOR

29A SOLMETEX NXT Hg5 AMALGAM SEPARATOR

NOT TO SCALE

FOLLOW LOCAL CODES FOR ALL WORK.

DETAIL PROVIDED FOR UTILITY REQUIREMENTS. REFER TO MANUFACTURER'S INSTALLATION GUIDE FOR ADDITIONAL INFORMATION.

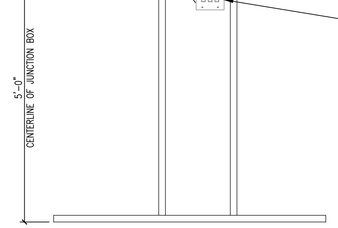
THREE GANG BOX & CONDUIT TO ABOVE CEILING (OR PER CODE) BY ELECTRICIAN. 18/4 LOW VOLTAGE WIRE TO MECHANICAL CLOSET BY ELECTRICIAN FOR EACH VACUUM MOTOR, COMPRESSOR AND WATER VALVE TO BE CONTROLLED.

NOTE: WHEN DISTANCE TO MECHANICAL CLOSET EXCEEDS 150', USE 16/4 LOW VOLTAGE CONTROL WIRE.

PROVIDE 18" WHIPS IN BOX FOR FINAL CONNECTIONS.

AIR, WATER AND VACUUM REMOTE SHUT-OFF KIT SUPPLIED BY HENRY SCHEIN DENTAL AT FINISH. FINAL CONNECTIONS BY HENRY SCHEIN DENTAL (OR PER LOCAL CODE). REFER TO MANUFACTURER'S INSTALLATION GUIDE FOR WIRING DIAGRAM.

NOTE: WHEN USING WET-RING VACUUM PUMPS, THE VACUUM SWITCH MUST BE LOCKED OUT BY THE WATER SWITCH TO INSURE THAT WATER IS AVAILABLE BEFORE THE VACUUM STARTS.



32 MIDMARK REMOTE SHUT-OFF (3 SWITCH)

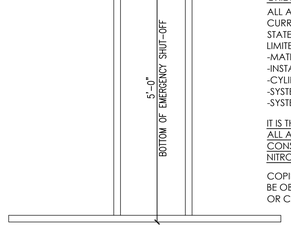
NOT TO SCALE

FOLLOW LOCAL CODES FOR ALL WORK.

DETAIL PROVIDED FOR UTILITY REQUIREMENTS. REFER TO MANUFACTURER'S INSTALLATION GUIDE FOR ADDITIONAL INFORMATION.

ELECTRICIAN TO RUN CAT6 CABLING BETWEEN EMERGENCY SHUT OFF AND N2O/O2 SYSTEM MANIFOLD. 100' IS PROVIDED BY MANUFACTURER. SEE HENRY SCHEIN REP. LEAVE 12" OF CABLE ON EACH END FOR FINAL CONNECTIONS. PROVIDE 3/4" RIGID CONDUIT BETWEEN LOCATIONS IF PLENUM SPACE IS INACCESSIBLE OR WHERE REQUIRED BY CODE. CONNECTION POINT IS UNDER EMERGENCY SHUT-OFF.

EMERGENCY SHUT-OFF SUPPLIED BY HENRY SCHEIN DENTAL, INSTALLED BY CONTRACTOR.



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-CYLINDER STORAGE CLOSET REQUIREMENTS
-SYSTEM VERIFICATION (ASSE 6030 CERTIFICATION)
-SYSTEM COMPONENT LABELING STANDARDS

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34A ACCUTRON N2O, O2 EMERGENCY SHUT-OFF

NOT TO SCALE

INTEGRATED DESIGN STUDIO®
HENRY SCHEIN® DENTAL
10920 W LINCOLN AVE, WEST ALLIS, WI 53227
henryscheinintegrateddesign.com

PROJECT: **PLATINUM LOGAN CHENEY**

LOCATION: 167 E 200 NORTH LOGAN UT 84321

HENRY SCHEIN REP: ANDREW COTTLE

REGION: UTAH

PHONE #: 801-842-4450

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INT.SQ.FT.= PER ARCH

SCALE: SEE DETAIL

SHT. SIZE: 24 x 36

DENTAL EQUIP. DETAILS

SED.2

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