

SA	SANITARY SEWER MAIN	○	ROOF DRAIN	SW	STORM SEWER MANHOLE
SS	SANITARY SEWER SERVICE	BM	BENCHMARK		GRATED STORM INLET
W	WATER MAIN		REFERENCE MONUMENT		STORM INLET
WS	WATER SERVICE	CA	CABLE TV RISER	SA	SANITARY SEWER MANHOLE
SW	STORM SEWER	T	TELEPHONE RISER	EG	CLEAN OUT
...	SWALE/FLOWLINE	W	WATER METER PIT	(G)	GAS VALVE
----	CULVERT		FIRE HYDRANT	G	GAS METER
OP	OVERHEAD POWER		GATE VALVE		STREET LIGHT
UP	UNDERGROUND POWER	CS	CURB STOP	)	GUY WIRE ANCHOR
GAS	GAS LINE		CONIFEROUS TREE		POWER POLE
T	PHONE LINE		DECIDUOUS TREE		GAS MARKER
FO	FIBER OPTIC		BUSH		ELECTRIC MARKER
CA	CABLE TV		HEDGE/TREE LINE		TRANSFORMER SINGLE PHASE
---	PROPERTY LINE		1 POLE SIGN		TRANSFORMER 3 PHASE
---	R.O.W.	BH	BOREHOLE		ELECTRICAL VAULT
---	BUILDING SETBACK LINE	MW	MONITORING WELL	E	ELECTRICAL METER
---	EASEMENT LINE		TRAFFIC SIGNAL		FIBER OPTIC PEDISTAL

 EXISTING CONCRETE

EROSION CONTROL NOTES

- ENGINEER'S NOTES

- UNAUTHORIZED CHANGES AND USES CAUTION:

PRIVATE ENGINEER'S NOTICE TO CONTRACTOR:

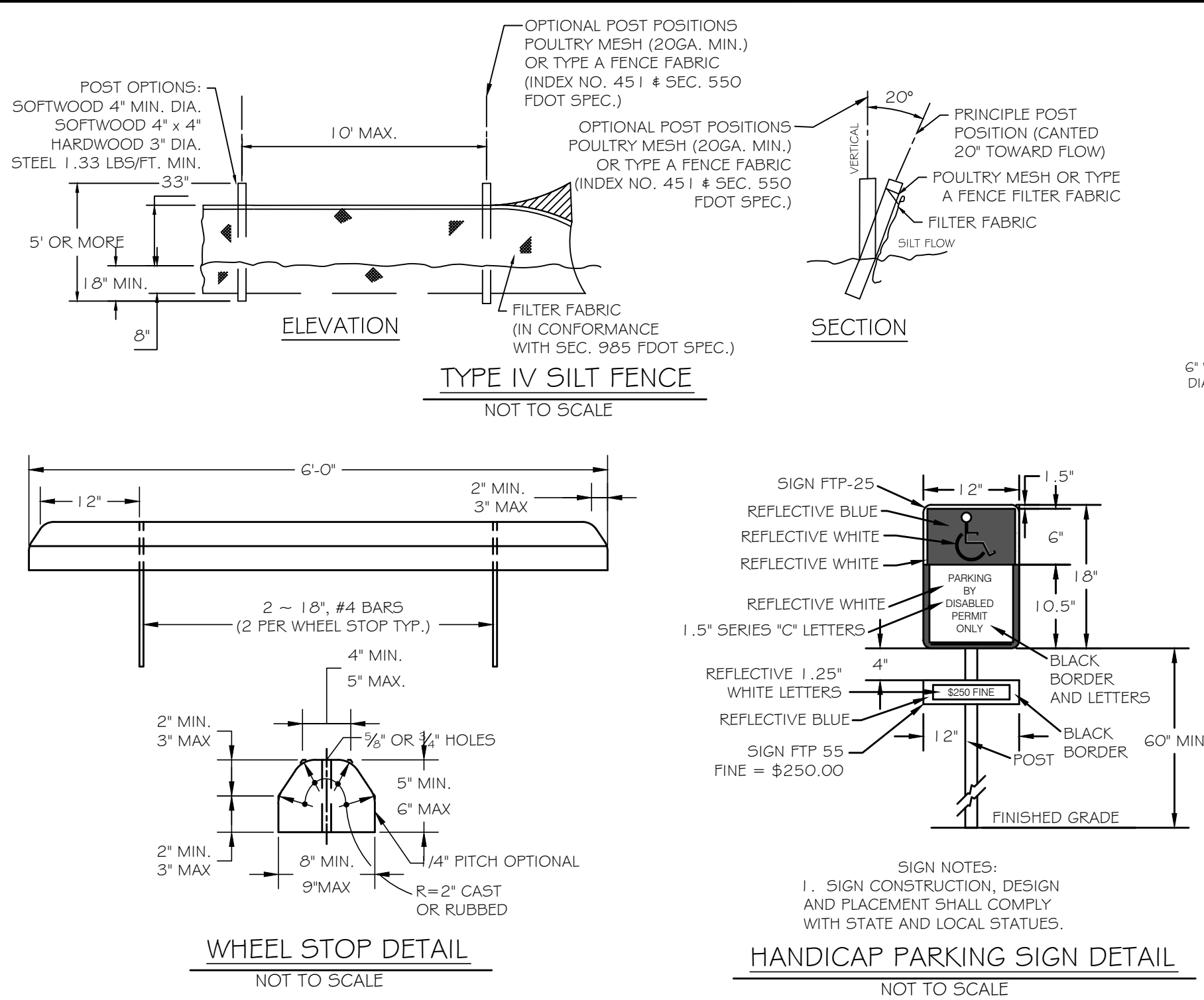
	SANITARY SEWER MAIN		CABLE TV RISER		STORM SEWER MANHOLE
	SANITARY SEWER SERVICE		TELEPHONE RISER		GRADED STORM INLET
	WATER MAIN		WATER METER PIT		STORM INLET
	WATER SERVICE		FIRE HYDRANT		SANITARY SEWER MANHOLE
	STORM SEWER		GATE VALVE		CLEAN OUT
	OVERHEAD POWER		CURB STOP		GAS VALVE
	UNDERGROUND POWER		1 1/4" BEND		GAS METER
	GAS LINE		22 1/2" BEND		STREET LIGHT
	PHONE LINE		45° BEND		GUY WIRE ANCHOR
	FIBER OPTIC		CAP (END OF LINE PLUG)		POWER POLE
	CABLE TV		COUPLER		TRANSFORMER SINGLE PHASE
	PROPERTY LINE		CROSS		TRANSFORMER 3 PHASE
	STRIPING		DEFLECTION COUPLER		ELECTRICAL VAULT
	BUILDING SETBACK LINE		TEE		ELECTRICAL METER
	EASEMENT LINE		REDUCER		FIBER OPTIC PEDISTAL
	SIDEWALK				FIBER OPTIC VAULT
	SILT FENCE				

 PROPOSED CONCRETE PROPOSED GRAVEL SURFACE GRASS

NOTE: ALL UTILITY PROVIDERS
MUST BE CONTACTED PRIOR
TO DIGGING IN ACCORDANCE
TO CHAPTER 556 "SUNSHINE
STATE ONE CALL"
CALL 811 48 HOURS PRIOR
TO DIGGING

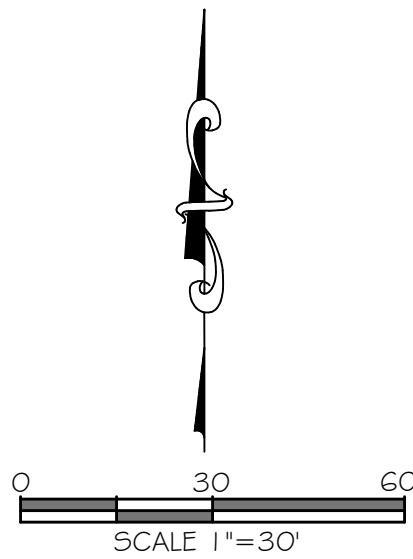


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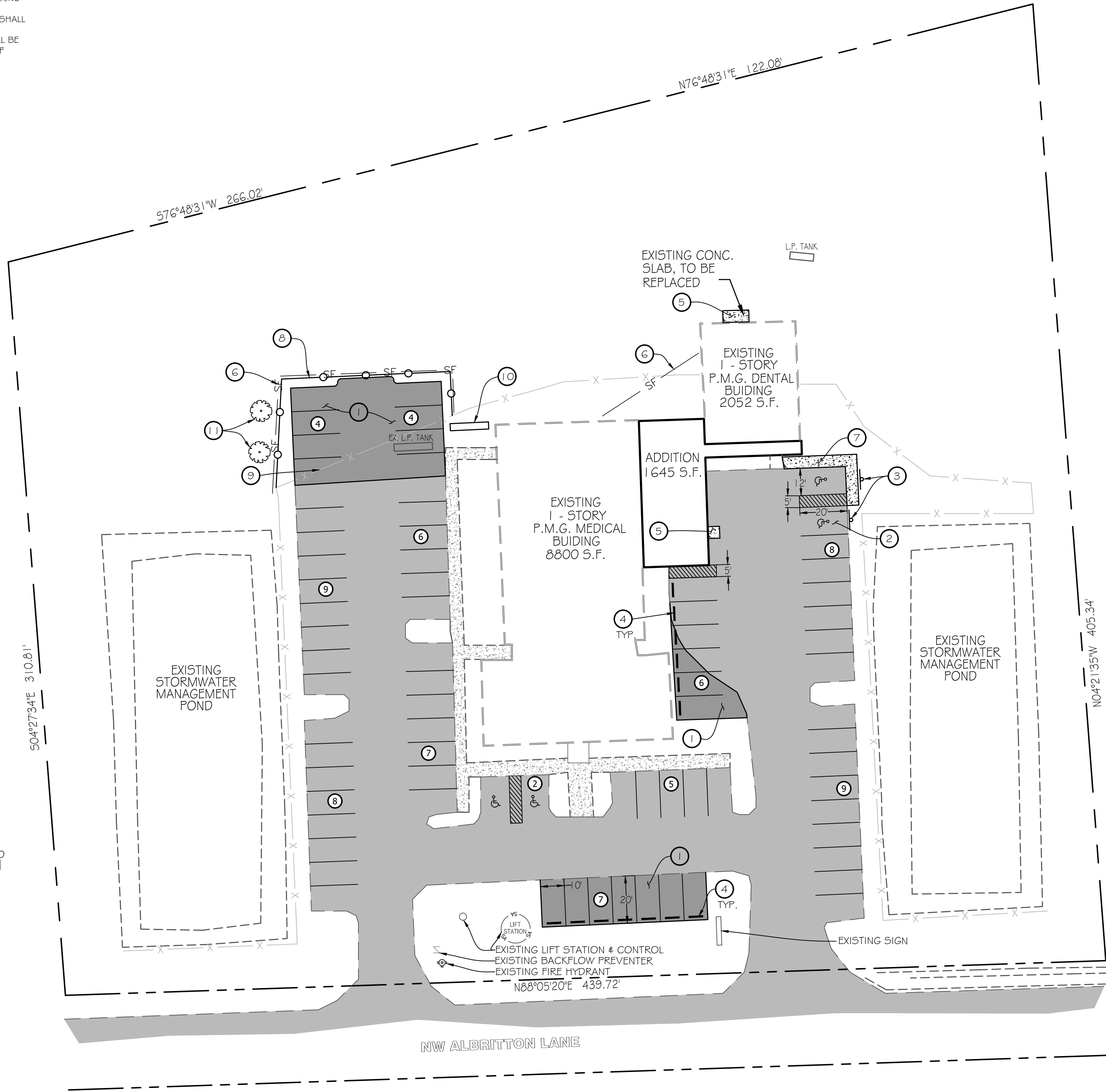
CONSTRUCTION NOTES & ESTIMATED QUANTITIES

1	1" PAVEMENT OVER 8 LIMEROCK BASE	4670 S.F.
2	HANDICAP SPACE PER DETAIL	2 EA.
3	HANDICAP PARKING SIGN PER DETAIL	2 EA.
4	WHEEL STOPS PER DETAIL	13 EA.
5	4" THICK CONCRETE THRESHOLD	81 S.F.
6	SILT FENCE PER DETAIL	190 S.F.
7	4" THICK CONCRETE SIDEWALK	238 S.F.
8	CHAIN LINK FENCE - MATCH EXISTING	136 L.F.
9	REMOVE EXISTING FENCE - SALVAGE AND REUSE IF POSSIBLE	80 L.F.
10	RELOCATE L.P. TANK	1 EA.
11	CREPE MYRTLE TREES, 30 GALLON	2 EA.

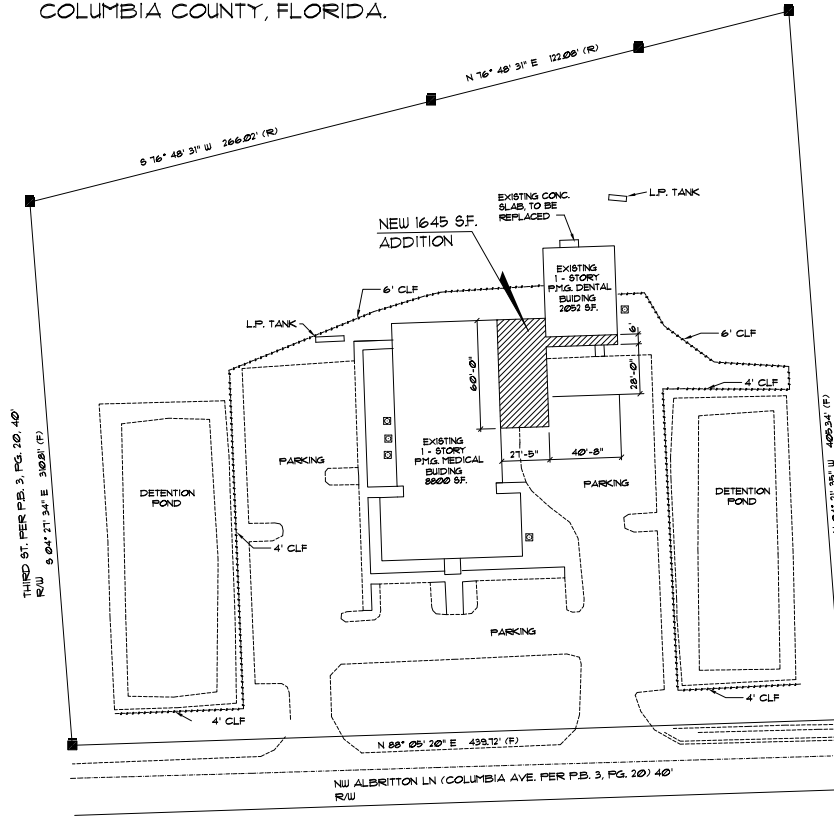


NOTES

- CONTRACTOR TO VERIFY EXISTING BLDG FINISHED FLOOR ELEVATION PRIOR TO CONSTRUCTION. MATCH NEW BLDG TO EXISTING.
- EXISTING BLDG TO REMAIN OPEN DURING CONSTRUCTION. CONTRACTOR TO PROVIDE PARKING AND ACCESS TO BLDG DURING ALL STAGES OF CONSTRUCTION.



SECTION 20, TOWNSHIP 3 SOUTH, RANGE 17 EAST,
COLUMBIA COUNTY, FLORIDA.



Site / Key PLAN
GRAPHIC SCALE
0 25 50 100 FEET



CONSTRUCTION DOCUMENTS

ALL ATTACHED DOCUMENTS ARE IN ACCORDANCE WITH THE FOLLOWING:

- FLORIDA BUILDING CODE 2020 1TH EDITION.
- LIFE SAFETY CODE - LATEST EDITION
- NATIONAL ELECTRICAL CODE - LATEST EDITION

DRAWING INDEX

- A1 SITE PLAN
- A2 GENERAL NOTES
- A3 GENERAL SPECIFICATIONS
- A4 LIFE SAFETY PLAN
- A5 P.M.G. MEDICAL DEMO PLAN
- A6 P.M.G. DENTAL DEMO PLAN
- A7 P.M.G. MEDICAL FLOOR PLAN
- A8 P.M.G. MEDICAL DIMENSION PLAN
- A9 P.M.G. DENTAL FLOOR & DIMENSION PLAN
- A10 EXTERIOR ELEVATIONS
- A11 P.M.G. MEDICAL REFLECTED CEILING PLAN
- A12 P.M.G. DENTAL REFLECTED CEILING PLAN
- A13 TYPICAL METAL STUD DETAILS
- A14 DOOR & FINISH SCHEDULE
- A15 DOOR & WINDOW DETAILS
- A16 FOUNDATION PLAN & WALL SECTION
- A17 CABINET DETAILS & WALL SECTIONS
- A18 ROOF FRAMING PLAN
- A19 TYPICAL METAL ROOF DETAILS
- E1 P.M.G. MEDICAL LIGHTING PLAN
- E2 P.M.G. MEDICAL POWER PLAN
- E3 P.M.G. DENTAL LIGHTING & POWER PLAN
- P1 PLUMBING / TRENCHING DETAILS
- P2 PLUMBING PLAN
- P3 WATER DISTRIBUTION PLAN
- P4 TYPICAL PLUMBING DETAILS
- M1 H.V.A.C. LAYOUT - MEDICAL FACILITY
- M2 H.V.A.C. LAYOUT - NEW ADDITION
- M3 H.V.A.C. LAYOUT - DENTAL FACILITY

Design Data

8136 SF.	- EXISTING MEDICAL FACILITY
2145 SF.	- EXISTING DENTAL FACILITY
1645 SF.	- NEW ADDITION
12848 SF.	- TOTAL PROJECT

GENERAL REMODEL NOTES:

1. MECHANICAL - HVAC SYSTEM IS EXISTING, EXCEPT FOR IN THE NEW PMG MEDICAL FACILITY CONFERENCE ROOM & OFFICE ADDITION.
2. PLUMBING - EXISTING PLUMBING SYSTEM SHALL BE MODIFIED AS SHOWN ON CONSTRUCTION DRAWINGS.
3. EXISTING ELECTRICAL - SHALL BE MODIFIED AS SHOWN ON THE CONSTRUCTION DRAWINGS.
4. NEW ELECTRICAL - SHALL BE INSTALLED AS SHOWN ON THE CONSTRUCTION DRAWINGS FOR THE NEW CONFERENCE ROOM AND OFFICE ADDITION.

REVISION:

DRAWN:

DJR

Palms Medical Group East
LAKE CITY, COLUMBIA COUNTY, FLORIDA
Site Plan

DAVID J. ROYAL
ARCHITECT
LAKE CITY, FLORIDA - 352-255-0000

NICHOLAS
SAUL
ARCHITECT
LAKE CITY, FLORIDA - 352-255-0000

DATE:
07/20/2022

SHEET:

A.1
1 of 29

Digitally signed by N.P. GEISLER
DN: cn=N.P. GEISLER, o=Palms Medical Group East, ou=Palms Medical Group East, email=N.P. GEISLER@palmsmedicalgroup.com, c=US

AR0007005

Custom Building Addition and Remodel For:

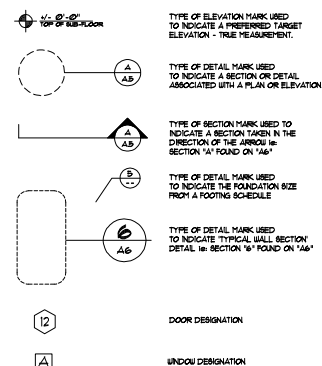
Palms Medical Group East

173 NW ALBRITTON LN. LAKE CITY, COLUMBIA COUNTY, FLORIDA

PROJECT INFORMATION / NOTES: DESIGN VALUES: LOADS 4 CODES AND DESIGN SPEED: 100 MPH UNLESS NOTED OTHERWISE SOIL DESIGN DESIGNATION: FOOTING DESIGN IS BASED UPON 1000 PSF SOIL BEARING PRESSURE PROVIDED BY CLEAN SAND, GRAVEL OR STONE. OTHER SOIL CONDITIONS IN CLAY, HIGH LEVEL OF ORGANICS OR OTHER UNDESIRABLE SOILS SHALL REQUIRE FOUNDATION MODIFICATIONS. LIVE LOADS: 1H FLOOR: 40PSF; 2ND FLOOR: 40PSF; ROOF: AS DETERMINED BY SHAPE FACTORS APPLIED TO THE WIND FORCE GENERATED BY THE DESIGN WIND SPEED. BUILDING CODE: 2009 FLOOD BUILDING CODE ELECTRICAL CODE: NATIONAL ELECTRICAL CODE - LATEST EDITION. NFPA-70E - LATEST CONSTRUCTION DOCUMENTS THE CUSTOMER IS RESPONSIBLE FOR OBTAINING THE REQUIRED SETS OF CONSTRUCTION DOCUMENTS TO THE PERMIT ISSUING AUTHORITIES FOR THE ISSUANCE OF CONSTRUCTION PERMITS. THE CONTRACTOR SHALL REVIEW THE CONSTRUCTION DOCUMENTS AND VERIFY ALL DIMENSIONS. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT PRIOR TO THE COMMENCEMENT OF ANY WORK OR FABRICATION OF ANY MATERIALS. DO NOT SCALE OFF THESE PLANS DIMENSIONAL ERRORS ARE SHOWN ON THE PLANS TO LOCATE ALL ITEMS. SIMPLE ARITHMETIC MAY BE USED TO DETERMINE THE LOCATIONS OF THOSE ITEMS NOT DIMENSIONED. CHANGES TO FINAL PLAN SETS PLEASE DO NOT MAKE ANY STRUCTURAL CHANGES TO THESE PLANS WITHOUT CONSULTING WITH THE OWNER. THE OWNER SHALL ASSUME ANY AND ALL LIABILITY FOR STRUCTURAL DAMAGE RESULTING FROM CHANGES MADE TO THE PLANS OR BY SUBSTITUTION OF MATERIALS DIFFERENT FROM SPECIFICATION ON THE PLANS. STRUCTURAL DESIGN CRITERIA: 1. THE DESIGN COMPLIES WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE - 2009 EDITION AND OTHER REFERENCED CODES AND SPECIFICATIONS. ALL CODES AND SPECIFICATIONS SHALL BE LATEST EDITION AT THE TIME OF PERMIT. 2. WIND LOAD CRITERIA: BASED ON 80001 1609 BASIC WIND VELOCITY 100 MPH. 3. MEZZANINE DESIGN LOADS: COMPOSITE DEAD LOADS: 30 PSF SUPERIMPOSED LIVE LOADS: 300 PSF 4. FLOOR DESIGN LOADS: COMPOSITE DEAD LOADS: 20 PSF SUPERIMPOSED LIVE LOADS: 30 PSF SLAB ON GRADE: 100 PSF 5. WIND NET UPLIFT: ARE AS INDICATED ON PLANS GENERAL NOTES: - THE CONTRACTOR SHALL INDEMNIFY THE OWNER AGAINST ALL CLAIMS, WHETHER FROM PERSONAL INJURY OR PROPERTY DAMAGE, ARISING FROM EVENTS ASSOCIATED WITH THE WORK PERFORMED UNDER THE CONTRACT FOR THIS PROJECT. - THE CONTRACTOR AND/OR SUB-CONTRACTORS SHALL WARRANT ALL WORK FOR A PERIOD OF ONE YEAR (UNLESS OTHERWISE NOTED) FOLLOWING THE DATE OF COMPLETION AND ACCEPTANCE BY THE OWNER. DEFECTS IN MATERIALS, EQUIPMENT/COMPONENTS DEFECTS IN MATERIALS, EQUIPMENT, COMPONENTS AND WORK, AND WORKMANSHIP SHALL BE CORRECTED AT NO FURTHER COST TO THE OWNER DURING THE ONE YEAR WARRANTY PERIOD. - AT THE OWNER'S OPTION, A WARRANTY INDEMNITY SHALL BE PERFORMED DURING THE ELEVENTH MONTH FOLLOWING THE COMPLETION OF THE WARRANTY PERIOD FOR THE PURPOSE OF DETERMINING ANY WARRANTY WORK THAT MAY BE REQUIRED. THE CONTRACTOR SHALL BE PRESENT DURING THIS INSPECTION IF REQUESTED BY THE OWNER. - THE CONTRACTOR SHALL PAY FOR ALL PERMITS, LICENSES, FEES AND THE LIKE THAT MAY BE REQUIRED BY THE VARIOUS AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT. THE CITY OF JEFFERSON, MISSOURI, OR FEDERAL (UNLESS OTHERWISE NOTED). - THE OWNER SHALL FILE A "NOTICE OF COMPLETION" PRIOR TO THE BEGINNING OF THE PROJECT AND THE CONTRACTOR(S) SHALL FILE NOTICE TO OWNERS AND PROVIDE RELEASE OF LIEN FOR ALL PAYMENT REQUESTS PRIOR TO DISBURSEMENT OF ANY FUNDS. - ANY AND ALL DISPUTES ARISING FROM EVENTS ASSOCIATED WITH THE CONTRACTOR(S) SHALL BE RESOLVED BETWEEN THE OWNER, CONTRACTOR(S) AND SUPPLIERS SHALL BE RESOLVED THROUGH BINDING ARBITRATION. 1. ALL WORK SHALL BE IN ACCORDANCE WITH APPLICABLE CODES AND LOCAL REGULATIONS INCLUDING APPLICABLE ENERGY CODES. ALL COMPONENTS OF THE BUILDING SHALL MEET WITH THE MINIMUM ENERGY REQUIREMENTS OF THE BUILDING. ANY DISCREPANCIES SHALL BE REPORTED TO THE OWNER IN WRITING PRIOR TO THE COMPLETION OF THE WORK. 2. ALL INSTALLATION SHALL BE LEFT EXPOSED AND ALL LABELS LEFT INTACT ON THE WINDOWS AND DOORS UNTIL INSPECTED BY THE BUILDING OFFICIAL. 3. ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESERVE TREATED. 4. INTERIOR BEARING WALLS SHALL BE CONSTRUCTED IN COMPLIANCE WITH THE DESIGN. EXTERIOR BATT INSULATION SHALL BE INCLUDED WHERE UNCONDITIONED AREA IS BEING SEPARATED FROM HEATED / COOLED AREA.	GENERAL MILLWORK NOTES: - MILLWORK SUB-CONTRACTOR PROVIDING CASEWORK, MILLWORK OR THE LIKE FOR THIS PROJECT SHALL BE SUBJECT TO THE PROVISIONS OF NOTES 1 THRU 6 OF THE GENERAL NOTES. THIS SHEET. - SCOPE OF WORK INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING: FABRICATION AND DELIVERY OF MILLWORK SHOWN IN THE DRAWINGS, TO THE JOB SITE, INSTALLATION OF CABINET HINGES, CATCHES, DRAWERS & TRAY GUIDES, ADJUSTABLE SHELF STANDARDS & SURFACE BOLTS. - ALL APPLICABLE STANDARDS OF "AIA QUALITY STANDARDS & GUIDE SPECIFICATIONS" APPLY TO THIS PROJECT, UNLESS NOTED OTHERWISE. - ALL "CUSTOM" GRADE EXCEPT AS OTHERWISE NOTED OR DIRECTED BY THE OWNER SHALL BE THE BASE STANDARD OF QUALITY REGD TO THIS WORK. - MILLWORK SUB-CONTRACTOR SHALL SUBMIT FOR APPROVAL BY THE OWNER, THE FOLLOWING ITEMS PRIOR TO FABRICATING ANY MATERIALS: MILLWORK, COMPLETE SET OF SHOP DRAWINGS, SAMPLES OF JO, SPECIES RECEIVING TRANSPARENT FINISH, MFR'S LITERATURE FOR ALL SPECIALTY ITEMS NOT YTD BY THE ARCHITECTURAL WOODWORK FINISH AND HARDWARE SCHEDULE, SHOWING HARDWARE USED AT EA LOCATION & CONFORMANCE WITH THE DESIGN INTENT OF THE DRAWINGS OR DIRECTIVES ISSUED BY THE OWNER. - PRODUCTS SHALL INCLUDE THE FOLLOWING: 1. SOFTWOOD - SOLID STOCK, OR BETTER HARDWOOD - SPECIES AS SELECTED BY OWNER PLYWOOD: GRADE FINISH, GRADE AS SELECTED BY OWNER PLYWOOD: TRANSPARENT FINISH - SPECIES AS SELECTED BY OWNER PARTICLE BOARD - HIGH DENSITY W/ RESIN BINDER LAM. PLYWOOD - PFG, COLORED, PATTERNS & TEXTURES AS SELECTED BY OWNER LAMINATING ADHESIVES - POLYURETHANE, ACETATE, UREA-FORMALDEHYDE, CASEIN. - ASSEMBLY WORK AT MILL & DELIVER TO JOB SITE READY TO INSTALL. NOCK-UP AS POSSIBLE. - PROTECT MILLWORK FROM MOISTURE & DAMAGE WHILE IN TRANSIT TO THE JOB SITE. UNLOAD AND STORE IN A PLACE WHERE IT WILL BE PROTECTED FROM MOISTURE AND DAMAGE AND BE CONVENIENT FOR INSTALLATION. - FABRICATE WORK IN ACCORDANCE WITH MEASUREMENTS TAKEN AT THE JOB SITE. - INSTALL HARDWARE IN ACCORDANCE WITH MANUFACTURER'S DIRECTIONS. LEAVE OPERATING HARDWARE OPERATING SMOOTHLY & QUIETLY. - DAMAGED SURFACES SHALL BE REPAIRED TO MATCH UNDAAGED ADJACENT PORTION OF THE WORK. GENERAL H.V.A.C. NOTES: - SUB-CONTRACTORS PROVIDING HVAC INSTALLATION SHALL BE SUBJECT TO THE PROVISIONS OF NOTES 1 THRU 6, GENERAL NOTES. - HVAC SUB-CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, TOOLS AND EQUIPMENT TO INSTALL A COMPLETE OPERATING HVAC SYSTEM. - HVAC SYSTEM SHALL BE AS DETAILED IN THE PLANS (IF INCLUDED); OR SHALL BE AS DIRECTED BY THE OWNER IN CONSULTATION WITH THE HVAC SUB-CONTRACTOR. - HVAC SUB-CONTRACTOR SHALL FURNISH SHOP DRAWINGS FOR DUCTWORK, CONCEALING UNIT & AIR HANDLER, EXHAUST FANS AND AIR DEVICES. - IT IS THE HVAC SUB-CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH NFPA-96A AND ALL APPLICABLE CODES. - FLEXIBLE DUCT SHALL BE FULLY ANNEALED, CORRUGATED ALUMINUM 1/34 LB. DENSITY FIBERGLASS INSULATION AND SHALL BE UL LISTED. RIBBED METAL DUCT SHALL BE LINED W/ 1/2" MINIMUM DUCT LINER & UNRAPIED W/ 1/34 LB. POLYFACED FIBERGLASS INSULATION. ALL FIBERGLASS DUCT SHALL BE POLYFACED, RATED 0 DUCTBOARD. 1. ALL EXHAUST AND OUTSIDE AIR DUCT SHALL BE GALVANIZED SHEET METAL, CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH ASHRAE & SMACNA STANDARDS. - ALL AIR DEVICES SHALL BE OF ALUMINUM CONSTRUCTION FOR WALL AND CEILING APPLICATIONS AND STEEL CONSTRUCTION IN FLOOR APPLICATIONS. ACCEPTABLE MANUFACTURERS SHALL BE TITUS, METALLAIRE, NALORHART, HART & COOLIE OR AS DIRECTED BY THE OWNER. - IF REQUIRED BY THE OWNER, THE HVAC SUB-CONTRACTOR SHALL SUPPLY A TEST AND BALANCE REPORT IN ACCORDANCE WITH AIR BALANCE COUNCIL STANDARDS, SIGN AND SEALED BY A REGISTERED ENGINEER. - HVAC SUB-CONTRACTOR SHALL SUPPLY ALL CONTRACTORS, RELAYS, AND THERMOSTATS. THE ELECTRICAL SUB-CONTRACTOR SHALL PROVIDE ALL SWITCHES, DIMMERS & CONTROLS SHALL BE TITUS, METALLAIRE, NALORHART, HART & COOLIE OR AS DIRECTED BY THE OWNER. - ALL DUCT SIZES INDICATED IN THE PLANS (IF INCLUDED) ARE NET INSIDE DIMENSIONS. - ALL EQUIPMENT SHALL BE FULLY WARRANTED FOR 1 YEAR AND THE COMPRESSORS SHALL BE WARRANTED 5 YEARS FROM DATE OF FINAL ACCEPTANCE BY THE OWNER. - ALL WORK IN THIS TRADE SHALL BE COORDINATED WITH ALL OTHER TRADES SO AS TO AVOID CONFLICTS OR HINDERANCE TO COMPLETION OF THE JOB. - CONDENSATE DRAIN PIPING SHALL BE INSULATED WITH 1/2" THICK AERMAFLEX INSULATION. - FILTERS SHALL BE DISPOSABLE TYPE AND HAVE INITIAL BARE WEIGHT ARRESTANCE OF 90% AND A CLEAN PRESSURE DROP OF 0.35. PROVIDE 2 SETS ONE DURING CONSTRUCTION AND ONE FOR USE AT FINAL ACCEPTANCE. - HVAC SUB-CONTRACTOR SHALL PROVIDE & INSTALL ALL NECESSARY OFFSETS, TRANSITIONS & BENDS REQUIRED TO PROVIDE A COMPLETE SYSTEM AT NO ADDITIONAL COST TO THE OWNER. - IT IS THE RESPONSIBILITY OF THE HVAC SUB-CONTRACTOR TO COORDINATE LOCATION OF CEILING DIFFUSERS, GRILLES AND REGISTERS IN THE FIELD WITH THE ELECTRICAL LIGHTS AND ARCHITECTURAL ELEMENTS. - COORDINATE WITH THE ELECTRICIAN, PARTICULARLY ELECTRICAL NOTE 10, TO ASSURE SUITABLE SIZES OF BREAKERS, SWITCHES AND WIRING.	GENERAL PLUMBING NOTES: - SUB-CONTRACTORS PROVIDING PLUMBING MATERIALS AND INSTALLATION SHALL BE SUBJECT TO THE PROVISIONS OF NOTES 1 THRU 6. - ALL WORKMANSHIP AND MATERIALS SHALL BE IN STRICT ACCORDANCE WITH APPLICABLE LOCAL CODES, RULES AND ORDINANCES. - ALL MATERIALS SHALL BE NEW. - ALL WORK SHALL BE PERFORMED BY A LICENSED PLUMBING CONTRACTOR IN A FIRST CLASS WORKMANLIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIONAL. - ALL EXCAVATION & BACKFILL AS REQUIRED FOR THIS PHASE OF THE CONSTRUCTION SHALL BE PART OF THE PLUMBING SUB-CONTRACTOR'S RESPONSIBILITIES. - PLUMBING FLAT PLANS AND ROOF DIAGRAM(S) (IF INCLUDED) ARE DIAGRAMMATIC. DO NOT SCALE THE DRAWINGS FOR EXACT LOCATIONS OF THE PLUMBING FIXTURES. - ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF THE CONSTRUCTION. - WATER PIPING SHALL BE TYPE L COPPER UP TO 1", TYPE K FOR ALL LARGER SIZES. ALL UNDERGROUND PIPING SHALL BE TYPE K COPPER. AT THE OWNER'S OPTION PLASTIC PIPING MAY BE CPVC, SCHEDULE 40 OR SCHEDULE 80. - DO NOT USE LEAD BASED SOLDER FOR JOINING SUPPLY PIPING. - SOIL, WASTE, VENT & RAINWATER PIPING SHALL BE CAST IRON NO-HUB 30" > ABOVE GRADE WITH NEOPRENE GASKETS AND STAINLESS STEEL GASKETS & GROMMETS BELOW GRADE. UNLESS OTHERWISE NOTED, JOINTS ON OR AT THE OWNER'S OPTION P.V.C., SCHEDULE 40, SEE NOTE 12. - AIR CONDITIONING CONDENSATE DRAIN PIPING SHALL BE THREADED STEEL PIPE, COPPER DRAIN, WASTE OR VENT PIPE AND FITTINGS, NOT VISIBLE FROM THE CIRCUIT BREAKER. THAT PROTECTS ITS SIZE IN ACCORD WITH THE LOAD. ALL DISCONNECT SWITCHES SHALL BE UP AND RATED TO THE CIRCUIT BREAKER. GROUNDING BREAK TYPE - ENCLOSURES SHALL BE AS REGD FOR EXPOSURE. - P.V.C. SCHEDULE 40 PIPE AND FITTINGS MAY BE USED FOR SOIL, WASTE, VENT, RAINWATER OR CONDENSATE PIPING AS APPROPRIATE, WHERE APPROVED BY LOCAL BUILDING CODES. OFFICIALS P.V.C. THAT NOT BE USED TO PENETRATE CHIMNEYS OR FIRE RATED WALLS / CEILING. - ALL FIXTURES MUST BE MARKED WITH READILY ACCESSIBLE STOPS AND WHERE PROVIDED, "PROTECTED ACCESS PANELS." - FURNISH AND INSTALL APPROVED AIR CHAMBERS AT EACH PLUMBING FIXTURE AND APPROVED SHOCK ARRESTERS ON MAIN LINE OR RISERS. - DISCONNECT COUPLERS ARE REQUIRED BETWEEN ALL DIAPHRAGM METALS IN PIPING AND JOINT CONNECTIONS. - ISOLATE COPPER PIPING FROM HANGERS OR SUPPORTS W/ HAIR FELT INSULATION 1/2". - PROVIDE 12" TRAP PRIMER LINE FOR ALL FLOOR DRAINS FROM NEAREST PLUMBING FIXTURE, DO NOT HANGFOLD. - PROVIDE ACCESS PANELS FOR ALL CONCEALED VALVES. - PROVIDE CORNER/CONVEYER / CLEANOUT PLUG FOR ALL WALL CLEANOUTS, FINISH AS DIRECTED BY THE OWNER. - FIXTURES, HARDWARE, EQUIPMENT, COLORS AND FINISHES SHALL BE AS SELECTED BY THE OWNER. TERMITE PROTECTION NOTES: SOIL CHEMICAL BARRIER METHOD: - A PERMANENT BARRIER WHICH IDENTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR REINJECTION AND TREATMENT CONTRACT REBID, SHALL BE PROVIDED. THE SIGN SHALL BE POSTED NEAR THE WATER HEATER OR ELECTRIC PANEL. FRC 904.24. - CONDENSATE AND ROOF DRAINPOINTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS. FRC 904.24. - IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" FROM BUILDING SIDE WALLS. FRC 904.24. - TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION BETWEEN WALL, CONCRETE AND FINAL BARRIER, GROUND SHALL NOT BE LESS THAN 1". - EXCEPTION: PAINT AND DECORATIVE CERAMIC TILE FINISH LESS THAN 3/8" THICK ADHESIVE DIRECT TO THE FOUNDATION WALL. FRC 904.24. - INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE. FRC 904.24. - ALL SOIL DISBURSED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES ABOVE OR BELOW. FRC 904.24. 1. BOWED AREAS IN CONCRETE FLOOR FOR SUBSEQUENT INSTALLATION OF TRAPS, ETC. SHALL BE MADE WITH PERMANENT METAL OR PLASTIC FORMS. PERMANENT FORMS MUST BE OF A SIZE AND DEPTH THAT WILL ELIMINATE THE DISTURBANCE OF SOIL AFTER THE INITIAL TREATMENT. FRC 904.24. - IF MINOR VAPOR RETARDER SHALL BE INSTALLED TO PROTECT AGAINST RAINFALL SEEPAGE. IF RAINFALL OCCURS BEFORE VAPOR RETARDER PLACEMENT, RETREATMENT IS REQUIRED. FRC 904.24. 3. CONCRETE OVERLAP AND MORTAR ALONG THE FOUNDATION PERIMETER MUST BE REPAIRED BEFORE BARRIER COAT. TREATMENT: FRC 904.24. - ISOL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR MASONRY. FRC 904.24. 1. AN EXTERIOR VERTICAL CHEMICAL BARRIER MUST BE INSTALLED AFTER CONSTRUCTION & COMPLETE INCLUDING LANDSCAPING AND IRRIGATION. ALL SOIL DISBURSED AFTER THE VERTICAL BARRIER IS APPLIED SHALL BE RETREATED. FRC 904.24. 2. ALL BUILDINGS ARE REQUIRED TO HAVE PRE-CONSTRUCTION TREATMENT. FRC 904.24. 1. IS A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPARTMENT BY A LICENSED TERMITE TREATMENT PROVIDER. A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFICATE OF COMPLIANCE SHALL STATE THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERNEAN TERMITE INFESTATION. THIS TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES. FRC 904.24. 1. AFTER ALL WORK IS COMPLETED, LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 1'-0" OF THE BUILDING. THIS INCLUDES ALL GRADE SURFACES, THE TRAP BOXES, FORMS, BORDERS OR OTHER CELLULOSE CONTAINING MATERIAL. FRC 1305.13. 1. IN WOOD, VEGETATION, STUMPS, CARPENTER, TRASH, ETC. SHALL BE BURIED WITHIN 6'-0" OF ANY BUILDING OR PROPOSED BUILDING. FRC 1305.14.	ELECTRICAL NOTES - General - DO NOT SCALE THE ELECTRICAL DRAWINGS. REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR EXACT LOCATION OF ALL EQUIPMENT. CONFORM WITH OWNER. - INSTALL ALL ELECTRICAL WORK IN CONFORMANCE WITH THE NEC LATEST EDITION, AND ITS AMENDMENTS AS ADOPTED BY THE PERMIT ISSUING AUTHORITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE LATEST EDITION OF THE NEC. - GROUNDING: GROUND ALL MAIN DISCONNECTS TO STANDARD GROUND ROD(S) AND TO COLD WATER SUPPLY, AS PER ARTICLE 250 OF NEC LATEST EDITION. - INSTALL ONLY COPPER WIRING ON THIS PROJECT. THE TAIL THAN THAN CABLE IN BENT UNLESS NOTED OTHERWISE. ALL CONDUCTORS NO. 4 SMALLER MAY BE SOLID, ALL CONDUCTORS 4 AND LARGER SHALL BE STRANDED TYPE. - PROVIDE CONTINUITY OF NEUTRAL ON MULTI-BRANCH CIRCUITS BY WELDED OR BENDING OUT A TAP, ASSURING NO OPENINGS OF NEUTRAL IN REPLACEMENT OF A DEVICE. - COLOR CODE MULTI-CIRCUIT WIRING AS FOLLOWS: NEUTRAL - WHITE, GROUND - GREEN, BLUE - ALL OTHER COLORS. - INSTALL ONLY HIGH POWER PATTERN BALLASTS AT FLUORESCENT FIXTURES. - INSTALL GFI BREAKERS OF DEVICES AT ALL BATHROOM, RESTROOM, KITCHEN, GARAGE AND EXTERIOR RECEPTACLES AND AS NOTED ON THE DRAWINGS. - INSTALL ONLY THOSE ELECTRICAL DEVICES THAT BEAR A "UL" OR OTHER RECOGNIZED TESTING LAB LABEL. ALL MATERIALS SHALL BE NEW. - INSTALL NON-FUSED DISCONNECT SWITCHES AT ALL PIECES OF ELECTRICAL EQUIPMENT LOCATED WHERE BAD EQUIPMENT IS NOT VISIBLE FROM THE CIRCUIT BREAKER THAT PROTECTS ITS SIZE IN ACCORD WITH THE LOAD. ALL DISCONNECT SWITCHES SHALL BE UP AND RATED TO THE CIRCUIT BREAKER. GROUNDING BREAK TYPE - ENCLOSURES SHALL BE AS REGD FOR EXPOSURE. - MOTOR STARTERS SHALL BE MANUAL OR MAGNETIC WITH OVER-LOAD RELAYS IN EACH HOT LEG. - ISOLATE DISCONNECT CONTACT AND TIEING METALS FROM SOIL, WASTE AND GAS PIPING AND OTHER BUILDING MATERIALS WHERE DAMAGE BY FRICTION OR ELECTROLYSIS MAY OCCUR EXCEPT WHERE ELECTRICAL GROUND IS PROVIDED. - FURNISH AND INSTALL ALL ELECTRICAL DEVICES AND ITEMS REQUIRED FOR A COMPLETE, OPERATING SYSTEM, PROVIDING THE FUNCTIONS AS DETAILED IN THE PLANS (AND SPECS). - OUTLET BOXES SHALL BE PREMADE STEEL, OR PLASTIC OR ALL DRY LOCATIONS FOR CONDUIT RUNS. ALL OUTLET BOXES WITH THREADED IN-LET OUTLET BOXES SHALL BE INSTALLED. - HOT CHECK ALL SYSTEMS WITH THE OWNER'S REPRESENTATIVE PRESENT TO VERIFY PROPER FUNCTION FROM TO C.O. - COORDINATE ALL WORK THROUGH GC TO AVOID CONFLICTS. COORDINATE WITH ALL OTHER TRADES AND ELECTRICAL SUB-CONTRACTORS SO THAT A COMPLETE, FUNCTIONING SYSTEM IS INSTALLED, IN EACH CASE, WITH NO EXTRA COST TO THE OWNER. - EMERGENCY LIGHTING AND EXIT SIGNS IF INDICATED ON THE PLANS, SHALL BE WARED PER NEC 100-10. - ALL PANEL SCHEDULES SHALL BE FULLY FILLED OUT AND SHALL BE TYPE WRITTEN. EA CIRCUIT SHALL BE CLEARLY IDENTIFIED & TO WHAT IS CONNECTED ON SAID CIRCUIT. - IT IS NOT THE INTENT OF THESE DRAWINGS TO SHOW EVERY MINOR DETAIL OF THE CONSTRUCTION. - THE ELECTRICAL INSTALLATION SHALL MEET ALL STANDARD REQUIREMENTS OF THE POWER COMPANY / TELEPHONE COMPANY. - FURNISH AND INSTALL DISCONNECT SWITCHES AND WIRING FOR HVAC SYSTEM AS PER MANUFACTURER'S RECOMMENDATIONS. CONTROLS ARE TO BE SUPPLIED BY THE HVAC CONTRACTOR AND CONNECTED BY THE ELECTRICAL CONTRACTOR. - ALL RACEWAYS BELOW GROUND SHALL BE A MINIMUM 60 3/4". - ALL CIRCUIT BREAKERS, TWO AND THREE POLE, SHALL BE COPPER TRIP AND NOT THE HANDLES OR TRIPS SHALL BE ACCEPTABLE. - ALL RULES, UNLESS NOTED OTHERWISE ON THE DRAWINGS, SHALL BE CURRENT LIMITED TYPE (CL) RATED 200000 AIC. - ELECTRICAL CONTRACTOR SHALL VERIFY ALL COMPONENTS FOR ALL ELECTRICAL APPLICATIONS & DETERMINE THE CORRECTNESS OF SAME. ANY DISCREPANCY SHALL BE REPORTED TO THE OWNER PRIOR TO FABRICATING ANY MATERIALS, ORDERING COMPONENTS OR DOING ANY WORK. - CIRCUITS ON PANEL SCHEDULE (AND PLANS) ARE TO DETERMINE LOAD DATA AND SIZE THE CONTRACTOR SHALL PROVIDE CIRCUITS AND ROUTING OF CIRCUITS TO THE OWNER. THE CONTRACTOR SHALL, UNDER THE BEST OF KNOWLEDGE, BALANCE THE JOB, THROUGHOUT. - CHECK EQUIPMENT FOR PROPER VOLTAGE, PHASE AND AMPERAGE RATING PRIOR TO CONNECTION TO CIRCUITS. - PANEL, BOARD, SHALL BE CIRCUIT BREAKER TYPE. VERIFY MINIMUM AND SIZES OF CIRCUITS. - WREN COUPLER RINGS EXPOSED 200 AMP, RING BOXES SHALL BE REMOVED FOR ALL CIRCUITS EXCEEDING THIS DISTANCE. - ELECTRICAL EQUIPMENT AIC RATINGS AND FEEDER SIZE SHOWN ON THE PLANS ARE DESIGNED FOR MAX. AVAILABLE FAULT CURRENT AND MAX. ALLOWABLE VOLTAGE DROP, RESPECTIVELY.	CONCRETE SLABS ON GRADE: - ALL INTERIOR AND EXTERIOR SLABS AND WALKWAYS AS SHOWN ON THE STRUCTURAL OR ARCHITECTURAL PLANS, SHALL BE FOUR INCHES THICK. MINIMUM REMOVAL WITH A 6" X 6" X 1/4" WELDED WIRE FABRIC (UNLESS OTHERWISE NOTED). - ALL SLABS ON GRADE TO BE CONSTRUCTED IN ACCORDANCE WITH LATEST A.C.I. - GUIDE FOR CONCRETE FLOOR AND SLAB CONSTRUCTION" (ACI 308.3R). - JOINTS SHALL BE PROVIDED IN ALL INTERIOR SLABS ON GRADE AT COLUMN CENTER-LINES DIVIDING THE SLAB INTO SQUARE PANELS NOT TO EXCEED 30' X 30' FT. IN SIZE. CAST SLABS IN LONG ALTERNATE STRIPS. PROVIDE A STRUCTURAL JOINT BETWEEN EACH STRIP. SEE PLAN FOR SLAB JOINT, CONSTRUCTION AND ISOLATION JOINT DETAILS. - PROVIDE SAW-CUT JOINTS AT ALL SIDEWALKS AT 10' MAXIMUM SPACING OF FIVE FEET ON CENTERS AND ISOLATION JOINTS AT 30' FEET O.C. (MIN). - FILL MATERIAL SHALL BE PLACED IN LIFTS NOT EXCEEDING 12" AND COMPACTED TO 98% MODIFIED PROCTOR (ASTM D-1557) EXTENDING A DISTANCE OF 3 FEET BEYOND ALL FOOTING EDGES. TAKE AT LEAST ONE DENSITY TEST FOR EACH 1000 SQ. FT. OF AREA AND 1" BELOW SURFACE. SEND RESULTS OF THE TEST TO OWNER, ARCHITECT (AND ENGINEER). CONCRETE AND REINFORCING: - CONCRETE DESIGN AND REINFORCEMENT IN ACCORDANCE WITH BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318 - LATEST EDITION) AND WITH DETAILS AND DETAILING OF CONCRETE REINFORCEMENT" (ACI 308.3R - LATEST EDITION). - ALL CONCRETE WORK IN ACCORDANCE WITH "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" (ACI 308.3R - LATEST EDITION). PRODUCTION OF CONCRETE, DELIVERY, PLACING AND CURING TO BE IN ACCORDANCE WITH "NOT WEATHER CONCRETE" (ACI 308R - LATEST EDITION). - ALL CONCRETE TO BE REGULAR WEIGHT WITH A COMPRESSION STRENGTH OF 3000 PSI AT 28 DAYS. MAXIMUM SLUMP 5". - ALL REINFORCING TO BE NEW BILLET STEEL, CONFORMING TO THE LATEST ASTM A-618 GRADE AND FABRICATED IN ACCORDANCE WITH CRSI. MINIMUM OF STANDARD PRACTICE AND PLACED IN ACCORDANCE WITH ACI 318 AND CRSI. MINIMUM OF STANDARD PRACTICE. - CONCRETE COVER UNLESS OTHERWISE DETAILED ON DRAWINGS: FOOTINGS: (BOTTOM) 3" (TOP & SIDES) 2" SLABS ON GRADE: CENTERED W/SLAB COLUMNS AND BEAMS: (TO THE TIE) 1-1/2" - COLLAPSE REINFORCEMENT: DOUELS TO BE SAME SIZE AND NUMBER AS VERTICAL REBAR ABOVE. LAP IN BAR DURING OR MINIMUM 18 INCHES LONG. PROVIDE TIE-ROD TEMPLATES FOR DOUEL LOCATION. PROVIDE STANDARD HOOKS AT TOP OF ALL VERTICAL REINFORCEMENT AT NONCONTINUOUS JOINTS (MIN). - ALL DOUELS FOR COLUMNS SHALL BE SECURED IN POSITION PRIOR TO CONCRETING. FURNISH THE DOUELS INTO POSITION IN TIME CONCRETE IS PLACED. - SEAM REINFORCEMENT: LAPPED 36 BAR DIAMETER OR MINIMUM 18 INCHES. BOTTOM BARS SPLICED 9' AT SUPPORTS, TOP BARS SPLICED ONLY AT MID-SPAN. ALL TOP BARS HOOKED AT NONCONTINUOUS EDGES (MIN). ALL HOOKS TO BE STANDARD 90 DEGREE HOOKS AS REQUIRED (MIN). - ADDED REINFORCEMENT: PROVIDE ADDITIONAL CORNER BARS BENT 36 INCHES MINIMUM EACH WAY AT 1" AND 1" CORNERS IN OUTER FACES OF ALL BEAMS TO MATCH ALL HORIZONTAL BAR TOP, BOTTOM AND INTERMEDIATE REBARS. CONSTRUCTION MEANS AND METHODS: - THE CONTRACTOR MEANS, METHODS, TECHNIQUES, SEQUENCE OR PROCEDURES, SAFETY PRECAUTIONS, SHORES, REBARS, LATERAL BRACING AND PROGRESS IN CONNECTION WITH THE PROJECT, ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. OUR SERVICES DO NOT GUARANTEE NOR ASSURE LIABILITY FOR THE JOB. SAFETY, TEMPORARY SHORING AND BRACING AND THE PERFORMANCE OF THE CONTRACTOR. - THE CONTRACTOR IS RESPONSIBLE AND SHALL COMPLY WITH THE SAFETY REQUIREMENTS OF THE STANDARD BUILDING CODE AND APPLICABLE LOCAL, STATE AND FEDERAL LAWS. - PROVIDE ALL SHORING, BRACING AND SHEETING AS REQUIRED FOR SAFETY, STRUCTURAL STABILITY AND FOR THE PROPER EXECUTION OF THE WORK. REMOVE SHORING WORK AS COMPLETED. - PROVIDE AND MAINTAIN GUARD LIGHTS AT ALL BARRICADES, BARRICADE OBSTRUCTIONS IN THE STREETS, ROADS OR SIDEWALKS AND TRENCHES OR PITS ADJACENT TO PUBLIC WALKS OR ROADS. - AT ALL TIMES PROVIDE PROTECTION AGAINST LEATHER (RAIN, WIND) STORMS ON THE BUILDING SO AS TO MAINTAIN ALL WORK MATERIALS, APPARATUS AND FIXTURES FREE FROM INJURY OR DAMAGE. - AT THE END OF THE DAYS WORK, COVER ALL WORK, EXPOSED TO BE DAMAGED. ANY WORK DAMAGED BY FAILURE TO PROVIDE PROTECTION SHALL BE REMOVED AND REPLACED WITH NEW WORK AT THE CONTRACTOR'S EXPENSE. - THE CONTRACTOR SHALL PAY FOR ALL DAMAGES TO ADJACENT STRUCTURES, SIDEWALKS AND TO STREETS OR OTHER PUBLIC PROPERTY OR PUBLIC UTILITIES.	REVISION: DATE: 07/25/2022 SHEET: A2 2 of 29 AR0007005 COFFICIAL REVISION & ADDITION FOR: Palm Medical Group East LAKE CITY, COLUMBIA COUNTY, FLORIDA General Notes DAVID J. ROYAL ARCHITECT 1000 N. 10TH AVE. SUITE 100 LAKE CITY, FL 32809 407.486.1111 407.486.1112 407.486.1113 407.486.1114 407.486.1115 407.486.1116 407.486.1117 407.486.1118 407.486.1119 407.486.1120 407.486.1121 407.486.1122 407.486.1123 407.486.1124 407.486.1125 407.486.1126 407.486.1127 407.486.1128 407.486.1129 407.486.1130 407.486.1131 407.486.1132 407.486.1133 407.486.1134 407.486.1135 407.486.1136 407.486.1137 407.486.1138 407.486.1139 407.486.1140 407.486.1141 407.486.1142 407.486.1143 407.486.1144 407.486.1145 407.486.1146 407.486.1147 407.486.1148 407.486.1149 407.486.1150 407.486.1151 407.486.1152 407.486.1153 407.486.1154 407.486.1155 407.486.1156 407.486.1157 407.486.1158 407.486.1159 407.486.1160 407.486.1161 407.486.1162 407.486.1163 407.486.1164 407.486.1165 407.486.1166 407.486.1167 407.486.1168 407.486.1169 407.486.1170 407.486.1171 407.486.1172 407.486.1173 407.486.1174 407.486.1175 407.486.1176 407.486.1177 407.486.1178 407.486.1179 407.486.1180 407.486.1181 407.486.1182 407.486.1183 407.486.1184 407.486.1185 407.486.1186 407.486.1187 407.486.1188 407.486.1189 407.486.1190 407.486.1191 407.486.1192 407.486.1193 407.486.1194 407.486.1195 407.486.1196 407.486.1197 407.486.1198 407.486.1199 407.486.1200
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Ø	AT	GALV.	GALVANIZED
Ø	NUMBER OR POUND/N	HORIZ.	HORIZONTAL
Ø	EQUALS	INS.	INSULATION
Ø	DIAMETER	INT.	INTERIOR
Ø	WITH	LAV.	LAVATORY
Ø	WITHOUT	LVL.	LAPWELDED VENEER LIPSEAL
Ø	CENTERLINE	PAV.	PAVEMENT
Ø	AND	PEN.	PENUMINA
Ø, or 1	PLUS OR MINUS	PK.	PROCELLANEUS
?	ONE FOOT	PO.	POSSIBLY OPENING
?	ONE INCH	NO.	NUMBER
1/4" or 1/4"	ONE QUARTER INCH	ON.	ON CENTER
8 FENNY		OC.	OVERHEAD
BM	BEAM	OCED.	OVERHEAD DOOR
B.O.	BY OTHERS	PLYWOOD	
BOT.	BOTTOM	PVT	PRESSURE TREATED
CLG.	CEILING	REIN.	REINFORCING (ED)
CO.	CLEANOUT	REQD.	REQUIRED
CONC.	CONCRETE	RET.	ROOM
COTG.	CLEANOUT TO GRADE	RF	ROUGH OPENING
DBL.	DOUBLE	8F	SQUARE FEET
DM.	DIMENSION	8GD.	SLIDING GLASS DOOR
DNL.	DRAIN	8-HEET	
ELEV.	ELEVATION	GRH.	GRANITE RIVER LOG HOMES
EXT.	EXTENSION	TRYP.	TYPICAL
F	FRENCH DOORS	VERT.	VERTICAL
FEN.	FOUNDATION	WC.	WATERCLOSET (TOILET)

THESE SYMBOLS ARE MOST OFTEN ENCOUNTERED IN THE FOLLOWING
DRAWINGS: ELEVATIONS, DIMENSION PLANS,
SECTIONS & STRUCTURAL PLANS.



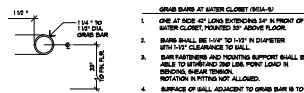
RESTROOM NOTES

WATERCLOSETS: SHALL COMPLY WITH SEC. 436 OF ADA.
HEIGHT OF SEAT SHALL BE IN ACCORDANCE WITH SEC. 436.3 OF ADA.
FLUSH CONTROLS SHALL BE IN ACCORDANCE WITH SEC. 436.5 OF ADA.
GRAB BARS: SHALL COMPLY WITH SEC. 436.4 OF ADA.
DISPENSERS: SHALL COMPLY WITH SEC. 436.6 OF ADA.
LAVATORIES, SINKS & MIRRORS: SHALL COMPLY W/ SECTION 439 OF ADA.
HEIGHTS SHALL COMPLY WITH SEC. 439.21 OF ADA.
EXPOSED PIPES & SURFACES SHALL COMPLY W/ SECTION 439.4 OF ADA.
Faucets shall comply with sec. 439.5 of ADA.
MIRRORS SHALL COMPLY WITH SEC. 439.6 OF ADA.

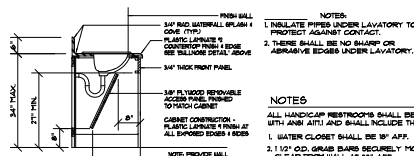
OWNER SELECTED MATERIAL AND INSTALLATION OF FINISH FLOORING MATERIALS TO COMPLY WITH THE FOLLOWING:

SEC. 43 OF ADA
SEC. 43 OF ADA
APPLICABLE SECTIONS OF NFPA FIRE CODES
APPLICABLE SECTIONS OF NFPA 101-LATEST LIFE SAFETY CODE

FIXTURES, DEVICES AND RELATED HARDWARE NOT SPECIFICALLY DEFINED OR MENTIONED ELSEWHERE ARE TO BE OWNER SELECTED AND INSTALLED TO COMPLY WITH THE ABOVE APPLICABLE ADA SECTIONS.



90. 01
SCALE: NONE



Vanity DETAIL

NOTES

ALL HANDICAP RESTROOMS SHALL BE IN ACCORDANCE WITH ANSI A117.1 AND SHALL INCLUDE THE FOLLOWING DESIGN:

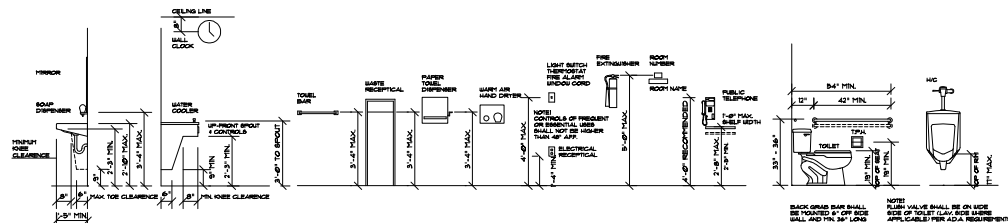
1. WATER CLOSET SHALL BE 18" AFF.

2. 1 1/2" OD. GRAB BARS SECURELY MOUNTED ON 1/2"
CLEAR FROM WALL AT 33" A.P.F.

3. GRAB BARS SHALL BE 40" LONG AND MOUNTED 12" FROM REAR OF STALL

4. STALL DOORS SHALL SWING OUT

6. AT LEAST ONE MIRROR SHALL BE MOUNTED 3'-4" AFF. OF



SCALE: 1/2" = NONE

[illegible]

ALL WIND LOADS ARE IN ACCORDANCE WITH SECTION 1609,
FLORIDA BUILDING CODE, 2020, 11TH EDITION.

TYPE OF CONSTRUCTION

Roof: Gable Construction, See 'Roof Framing Plan' Sht. A.15
Walls: 2x4 Metal Studs @ 16" O.C.
Floor: 4" Thk. Concrete Slab w/Fibermesh Concrete Additive
Foundation: Continuous 16"W x 18"D Monolithic Footing

ROOF DECKING

Material: 5/8" CDX Plywood or 5/8" OSB.
Sheet Size: 48"x96" Sheets Perpendicular to R
Fasteners: See "Roof Fastener Detail" sheet

SHEARWALLS

Material: 7/16" O.S.B. "WindSTORY" Sheathing
Fasteners: 2d Common Nails, See Typ. Wall Section
Dragstrut: Double Top Plate, See Details Sht. A
Wall Studs: 2x4 Metal Studs @ 16" O.C.

HURRICANE UPLIFT CONNECTORS

Truss to Wall: "SIMPSON H25A" • Ea. Truss End
Anchor Bolts: 1/2" A307 Bolts • 48" O.C.
Plate to Stud: See Details 8ht. A13
Stud to Sill: See Details 8ht. A13
Post to Base: "SIMPSON" AB166 • Base Connector

FOOTINGS AND FOUNDATIONS

Footings: Monolithic - 16"W x 18"D w/3-# Bars Cont.

ALL WIND LOADS ARE IN ACCORDANCE WITH SECTION 1609,
FLORIDA BUILDING CODE 2020, 11TH EDITION



WALL	ROOF 71° TO 45°	ZONE	AREA	VULT 10 MPH		VULT 15 MPH		VULT 30 MPH	
				W	E	W	E	W	E
WALL	ROOF 71° TO 45°	1	1	19.9	-21.8	23.1	-25.9	21.8	-30.4
		2	2	19.9	-20.1	20.7	-24.6	19.0	-28.0
		3	3	19.9	-19.2	22.2	-22.8	20.0	-26.4
		4	4	19.9	-25.5	23.1	-30.3	21.8	-35.6
		5	5	19.9	-22.9	22.2	-27.2	21.8	-32.1
		6	6	19.9	-24.3	23.0	-27.0	21.8	-34.4
		7	7	19.9	-24.3	23.0	-27.0	21.8	-34.4
		8	8	19.9	-24.3	23.0	-27.0	21.8	-34.4
		9	9	19.9	-24.3	23.0	-27.0	21.8	-34.4
		10	10	19.9	-24.3	23.0	-27.0	21.8	-34.4
WALL	ROOF 45° TO 30°	1	1	21.8	-26.3	25.9	-34.7	30.4	-43.0
		2	2	20.8	-27.2	24.7	-32.4	29.0	-40.0
		3	3	21.8	-24.6	25.9	-31.3	30.4	-38.0
		4	4	21.8	-26.3	25.9	-34.7	30.4	-43.0
		5	5	21.8	-26.3	25.9	-34.7	30.4	-43.0
		6	6	21.8	-26.3	25.9	-34.7	30.4	-43.0
		7	7	21.8	-26.3	25.9	-34.7	30.4	-43.0
		8	8	21.8	-26.3	25.9	-34.7	30.4	-43.0
		9	9	21.8	-26.3	25.9	-34.7	30.4	-43.0
		10	10	21.8	-26.3	25.9	-34.7	30.4	-43.0

BLDG HEIGHT	EXPOSURE "B"	EXPOSURE "C"	EXPOSURE "D"
15	1.00	1.21	1.47
20	1.00	1.29	1.55
25	1.00	1.35	1.61
30	1.00	1.40	1.66

BASIC WIND SPEED:	130 MPH
WIND IMPORTANCE FACTOR (I):	1.000
BUILDING CATEGORY:	CATEGORY II
WIND EXPOSURE:	"B"
INTERNAL PRESSURE COEFFICIENT:	+/- 0.18
MPRS PER TABLE 6-2.2A (FBC 2010) DESIGN WIND PRESSURES:	ROOF: - 23.1 PSF WALLS: +26.6 PSF EAVES: +32.3 PSF
COMPONENTS & CLADDING PER TABLES 6-2.2B & 6-2.2C (FBC 2010) DESIGN WIND PRESSURES:	OPENING: +21.6 / - 23.1 PSF EAVES: - 68.3 PSF ROOF: +19.3 / - 25.5 PSF

ALL ATTACHED DOCUMENTS ARE IN ACCORDANCE
WITH THE FOLLOWING:

- FLORIDA BUILDING CODE 2020 11TH EDITION.
- LIFE SAFETY CODE - LATEST EDITION
- NATIONAL ELECTRICAL CODE - LATEST EDITION

REVISION

DRAWN:
DJR

OFFICIAL RE-MODEL & ADDITION FOR:
Palme Medical Group East
LAKE CITY, COLUMBIA COUNTY, FLORIDA
General Specifications



DAVID J. ROYAL
ARCHITECTURAL DESIGNER

**NICHOLAS
PAUL
GEISLER
ARCHITECT**

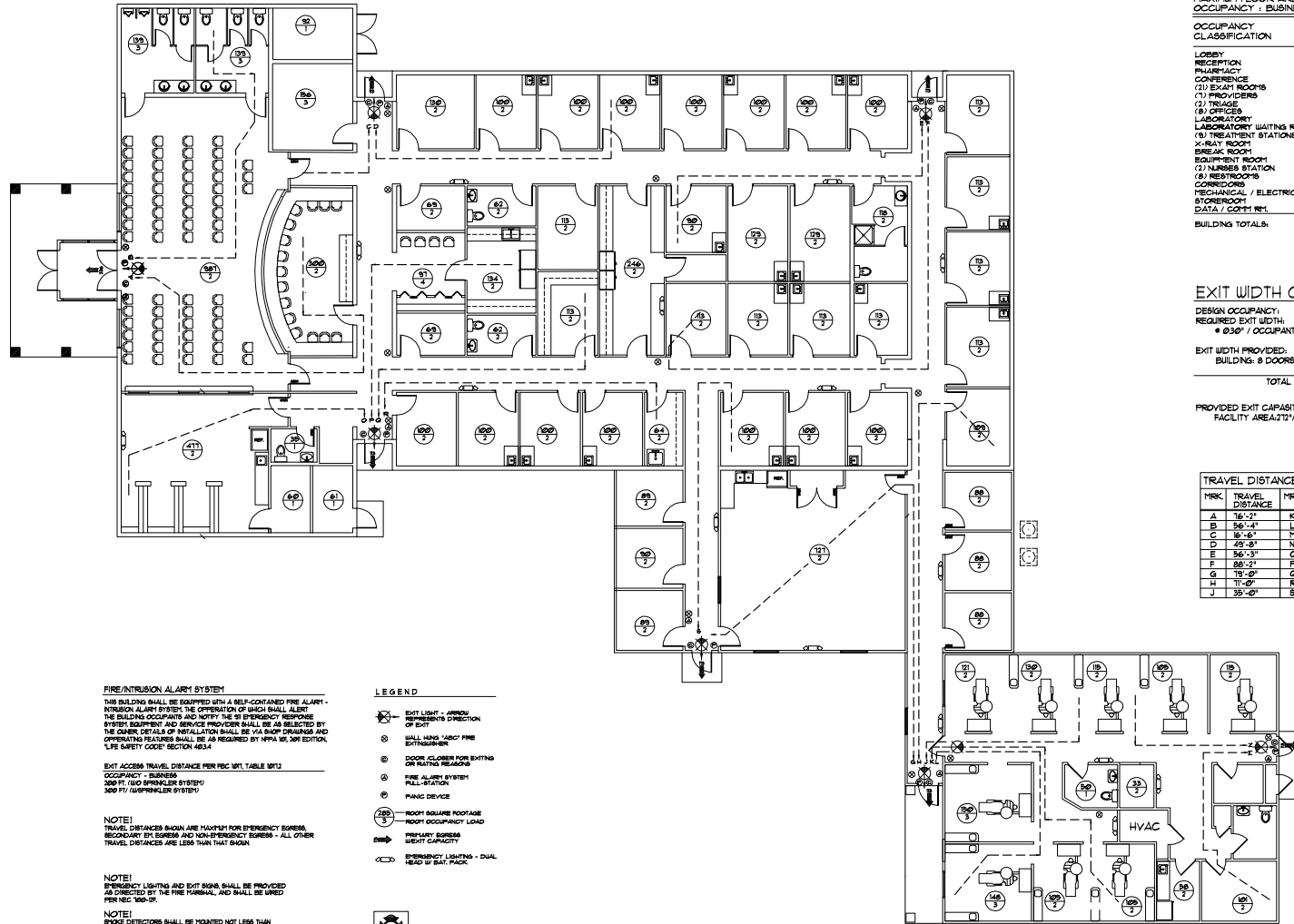
NE

1704 NW Brown Rd.
Lake City, FL 32065

DATE: 07 FEB 2022

SHEET:
A.3
3 of 29

AR0007005



FIRE/INTRUSION ALARM SYSTEM
THIS BUILDING SHALL BE EQUIPPED WITH A SELF-CONTAINED FIRE ALARM - INTRUSION ALARM SYSTEM THE OPERATION OF WHICH SHALL ALERT THE BUILDING OCCUPANTS AND NOTIFY THE FIRE DEPARTMENT. SYSTEM EQUIPMENT AND SERVICE PROVIDER SHALL BE AS SELECTED BY THE OWNER. DETAILS OF INSTALLATION SHALL BE VIA SHOP DRAWINGS AND OPERATING FEATURES SHALL BE AS REQUIRED BY NFPA 72, 2019 EDITION, LIFE SAFETY CODE SECTION 403.4.

EXIT ACCESS TRAVEL DISTANCE PER IBC 101.1 TABLE 101.2
OCCUPANCY - BUSINESS
300 FT. (W/ SPRINKLER SYSTEM)
300 FT. (W/ SPRINKLER SYSTEM)

NOTE!
TRAVEL DISTANCES SHOWN ARE MAXIMUM FOR EMERGENCY EGRESS. SECONDARY BY EGRESS AND NON-EMERGENCY EGRESS - ALL OTHER TRAVEL DISTANCES ARE LESS THAN THAT SHOWN.

NOTE!
EMERGENCY LIGHTING AND EXIT SIGNS SHALL BE PROVIDED AS DIRECTED BY THE FIRE DEPARTMENT, AND SHALL BE USED PER NEC 100-10.

NOTE!
SMOKE DETECTORS SHALL BE MOUNTED NOT LESS THAN 8" ABOVE FINISHED FLOOR AND SHALL BE THE IONIZATION TYPE, INTERLOCKED TOGETHER, POWERED FROM EACH LOCAL PANEL, BATTERY BACKUP.

LEGEND

- EXIT LIGHT - ARROW INDICATES DIRECTION OF EXIT
- WALL HANG "A" BAY FIRE EXTINGUISHER
- DOOR CLOSER FOR EXITING OR OTHER REASONS
- FIRE ALARM SYSTEM PULL-STATION
- PANIC DEVICE
- ROOF SQUARE FOOTAGE
- ROOF OCCUPANCY LOAD
- EMERGENCY LIGHTING - DUAL HEAD OR BAY PACK



8" A.D. WALLS CROSS IN 1" W/ CENTERLINE
SHOWN, MOUNTED 8" A.D. A.B.V. WALKWAY

2020 FBC-BUILDING, TABLE 1004.1.1

MAXIMUM FLOOR AREA ALLOWABLE PER OCCUPANT
OCCUPANCY - BUSINESS - PALMS MEDICAL GROUP

OCCUPANCY CLASSIFICATION	FLOOR AREA	OCCUPANCY BASIS	NUMBER OF OCCUPANTS
LOBBY	181.0	SEE SEATING PLAN	65
RECEPTION	100.0	SEE SEATING PLAN	5
PHARMACY	471.0	• 1/100 SF	5
CONFERENCE	171.0	• 1/100 SF	17
(1) EXAM ROOMS	2336.0	• 1/100 SF	47
(1) PROVIDERS	784.0	• 1/100 SF	8
(2) TRIAGE	138.0	• 1/25 SF	6
(3) OFFICE	146.0	• 1/100 SF	14
LABORATORY	134.0	• 1/100 SF	13
LABORATORY WAITING RM.	97.0	• 1/25 SF	2
(3) TREATMENT STATIONS	1095.0	• 1/100 SF	22
X-RAY ROOM	35.1	• 1/50 SF	2
BREAK ROOM	58.7	• 1/15 SF	4
EQUIPMENT ROOM	346.0	• 1/100 SF	1
(2) NURSES STATION	133.2	• 1/25 SF	7
(8) RESTROOMS	697.4	• 1/50 SF	13
CORRIDORS	238.9	• 1/100 SF	23
MECHANICAL / ELECTRICAL	92.7	• 1/100 SF	1
STORAGE ROOM	171.5	• 1/100 SF	1
DATA / COMM. RM.	63.1	• 1/100 SF	1
BUILDING TOTALS:	1,664.8		292

EXIT WIDTH CALCULATION

DESIGN OCCUPANCY:	292 OCCUPANTS
REQUIRED EXIT WIDTH:	816"
• 0.30' / OCCUPANT • 292 X 0.30 •	
EXIT WIDTH PROVIDED:	712"
BUILDING: 8 DOORS • 34" / DOOR •	
TOTAL DOOR WIDTH •	272"

PROVIDED EXIT CAPACITY:
FACILITY AREA / 0.30' = 901 OCCUPANTS

TRAVEL DISTANCE SCHEDULE

MRK.	TRAVEL DISTANCE	MRK.	TRAVEL DISTANCE
A	16'-11"	K	54'-0"
B	56'-4"	L	51'-0"
C	16'-6"	M	39'-0"
D	40'-8"	N	23'-0"
E	56'-3"	O	46'-0"
F	88'-2"	P	41'-0"
G	19'-0"	Q	61'-0"
H	11'-0"	R	62'-0"
J	35'-0"	S	53'-6"

Life Safety PLAN

SCALE 1/8" = 1'-0"



REVISION:

DRAWN:
DUR

COMMERCIAL RE-MODEL 4 ADDITION FOR
Palm Medical Group East
LAKE CITY, FLORIDA
Life Safety Plan

DAVID J. ROYAL
ARCHITECT
LAKE CITY, FLORIDA
407-731-1111

NICHOLAS
ARCHITECT
LAKE CITY, FLORIDA
407-731-1111

DATE:

07/25/2020

SHEET:

A4
4 of 29

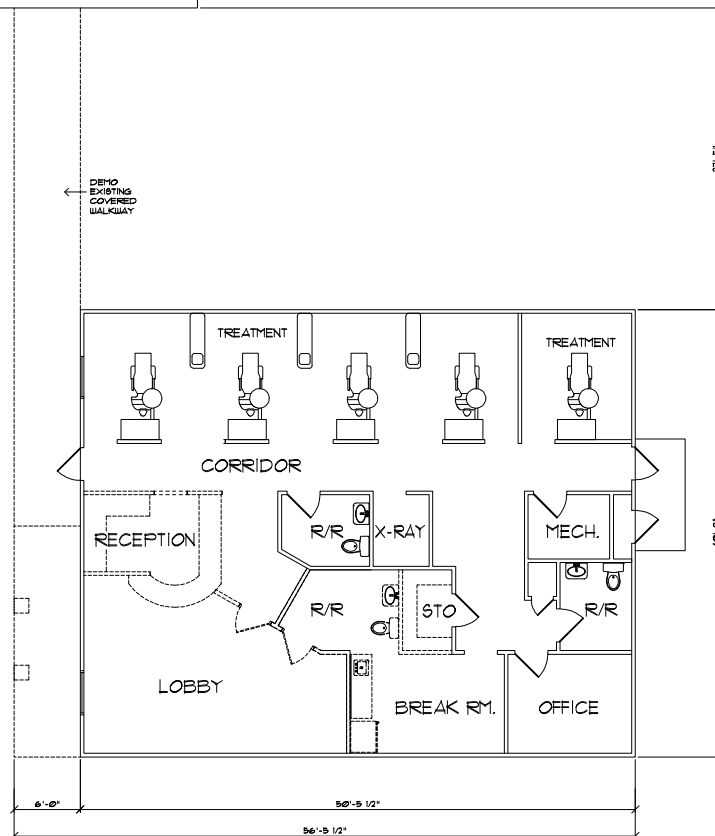
DESIGNED BY: N.P.
CHECKED BY: N.P.
DRAWN BY: D. DUR
DATE: 07/25/2020
SCALE: 1/8" = 1'-0"

GEISLER

AR0007005

← EXISTING BUILDING →

DEMO EXISTING COVERED WALKWAY



LEGEND
 - - - - - DENOTES TO BE REMOVED
 _____ DENOTES EXISTING

Demolition PLAN Existing PMG Dental Facility

SCALE: 3/16" = 1'-0"

GENERAL DEMOLITION NOTES:

SCOPE:
 COMPLETE ALL DEMOLITION WORK AS SHOWN IN THE DRAWINGS AND AS INDICATED HEREIN.

CONDITIONS AT SITE:
 VISIT THE SITE AND EXAMINE THE EXISTING STRUCTURES. NOTE ALL CONDITIONS AS TO CHARACTER AND EXTENT OF WORK INVOLVED.

PROTECTIONS:

- EXECUTE ALL DEMOLITION WORK IN AN ORDERLY AND CAREFUL MANNER WITH DUE CONSIDERATION FOR EXISTING STRUCTURE TO REMAIN, INCLUDING ANY PARTS OF THE SURROUNDING AREAS WHICH ARE TO REMAIN, BARRICADE AND COVER AS NECESSARY TO PROTECT PEDESTRIAN WORKMAN AND ADJACENT PROPERTIES. PERIODICALLY SPRINKLE TO ALLAY DUST. PROTECT ANY ACTIVE SERVICE LINES, INDICATED OR NOT.
- AVOID ANY ENCROACHMENT ON ADJACENT PROPERTIES. REPAIR AND MAKE GOOD ANY DAMAGE TO ADJACENT PROPERTIES OR IMPROVEMENTS CAUSED BY OPERATIONS, INCLUDING ANY DAMAGE OR LOSS TO ADJONING TENANTS OR PROPERTY OWNERS, WHETHER TO BUILDINGS, STOCKS OF MERCHANDISE, TRADE FIXTURES OR THE LIKE.
- CONTRACTOR SHALL CONFINED HIS APPARATUS, STORAGE OF MATERIALS, AND OPERATIONS OF HIS WORKMEN TO LIMITS INDICATED BY LAW, ORDINANCES AND PERMITS, AND SHALL ARRANGE AND MAINTAIN PARKING OF ALL VEHICLES AND STORAGE OF MATERIALS IN AN ORDERLY MANNER, LEAVING ALL WALKS, DRIVEWAYS, ROADS AND ENTRANCES UNENCUMBERED.

RESTRICTED ACCESS:

- CONTRACTOR SHALL USE AND MAINTAIN IN CLEAN CONDITION, SITE ACCESS ROUTE, AS AGREED UPON AT THE PRE-CONSTRUCTION CONFERENCE. NO OTHER ACCESS SHALL BE USED FOR VEHICLES OR MEN.
- CONTRACTOR AND ALL OTHER PARTIES CONNECTED TO THE PROJECT SHALL USE ONLY PARKING AREAS DESIGNATED AT THE PRE-CONSTRUCTION CONFERENCE.
- CONTRACTOR AND WORKMEN SHALL NOT PASS INTO AREAS BEYOND THE DESIGNATED "LIMITS OF WORK" AREAS, AS DETERMINED AT THE PRE-CONSTRUCTION CONFERENCE.

OCCUPANCY BY OWNER OF CERTAIN COMPLETED AREAS DURING DEMOLITION:

- IT IS INTENDED THAT THE OWNER MAY CAUSE CERTAIN PORTIONS OF THE BUILDING TO BE OCCUPIED DURING THE PERIOD WHEN THE WORK IS IN PROGRESS AND MAY REQUEST THAT SUCH AREAS OF THE BUILDING RECEIVE CONCENTRATED WORK TO COMPLETE THEM FOR EARLY OCCUPANCY BY THE OWNER. THIS SHALL BE DONE WITH CONSIDERATION OF THE SCHEDULING OF THE WORK BY THE CONTRACTOR. EARLY OCCUPANCY OF SUCH AREAS AND THE MOVING IN OF EQUIPMENT BY THE OWNER SHALL NOT BE CONSTRUED TO BE ACCEPTANCE OF THE WORK PERFORMED UNDER THIS CONTRACT NOR SHALL IT BE DEEMED TO BE THE EQUIVALENT OF THE FILING THE NOTICE OF COMPLETION OF ANY OF THE WORK OF THIS CONTRACT.

- CONTRACTOR SHALL BE HELD HARMLESS FOR ANY DAMAGE DONE TO THE WORK BY EARLY OCCUPANCY OF THE OWNER.

- CONTRACTOR SHALL MAKE AVAILABLE, IN AREAS SO OCCUPIED, ANY UTILITY SERVICES, HEATING AND COOLING AS ARE IN CONDITION TO BE PUT INTO OPERATION AT THE TIME OF EARLY OCCUPANCY. ALL RESPONSIBILITY FOR SUCH EQUIPMENT SHALL REMAIN WITH THE CONTRACTOR WHILE IT IS SO OPERATED. HOWEVER, AN ITEMIZED LIST OF EACH SUCH PIECE OF EQUIPMENT WITH THE DATE OF OPERATION STARTS SHALL BE MADE AND CERTIFIED BY THE ARCHITECT. THIS LIST SHALL BE THE BASIS FOR THE COMMENCEMENT OF THE GUARANTEE PERIOD ON THE EQUIPMENT BEING OPERATED FOR THE BENEFIT OF THE OWNERS EARLY OCCUPANCY. CONTRACTOR SHALL PAY FOR ALL UTILITY COSTS WHICH ARISE OUT OF THE OCCUPANCY BY THE OWNER DURING CONSTRUCTION EXCEPT FOR TELEPHONE SERVICE WHICH THE OWNER SHALL PROVIDE.

EXECUTION:

- KEEP ALL THROUGH LINES AND DRIVES CLEAN AND CLEAR AT ALL TIMES.
- CONDUCT OPERATIONS SO AS TO NOT INTERFERE W/ ADJACENT ROADS, STREETS, DRIVEWAYS, WALKS, SERVICE LINES AND THE LIKE.
- DISCONNECT ANY ELECTRIC, TELEPHONE, WATER, GAS OR OTHER LINES SERVING THE AREA OF DEMOLITION PER RULES AND REGULATIONS OF AUTHORITIES HAVING JURISDICTION.
- BACKFILL ANY TRENCHES CAUSED BY DEMOLITION WORK.

DEMOLITION WORK:
 REMOVE ALL WALLS, DOORS AND WINDOWS, AS SHOWN ON THE DEMOLITION DRAWINGS. ALL ELECTRICAL AND HVAC DUCTWORK SHALL BE REMOVED AND TIE-ED OFF IN PREPARATION FOR NEW CONSTRUCTION.

CONCRETE CURBS AND SIDEWALKS: REMOVE THAT PORTION OF THE EXISTING CURBS AND SIDEWALKS DIRECTLY AFFECTED BY THE OTHER DEMOLITION ACTIVITIES & PROPOSED NEW CONSTRUCTION.

REMOVAL OF BEARING WALLS:

- BEARING WALLS OR OTHER SECTIONS OF WALLS SHALL NOT BE PERMITTED TO FALL ON FLOORS OF BUILDING IN MASSES TO EXCEED SAFE CARRYING CAPACITY OF THE FLOOR STRUCTURAL SYSTEM.
- WHEREVER NECESSARY FOR PROTECTION OF WORKMEN - WALLS, PARTITIONS, OR FLOORS OF STRUCTURE BEING DEMOLISHED SHALL BE SHORED OR BRACED.
- STRUCTURAL OR LOAD BEARING MEMBERS SHALL NOT BE CUT OR REMOVED UNTIL ALL LOADS CARRIED BY SUCH MEMBERS HAVE BEEN REMOVED.

DEMOLITION CLEANING:

- MAINTAIN BUILDINGS GROUNDS FREE FROM ACCUMULATION OF WASTE MATERIALS AND RUBBISH.
- IN ADDITION TO CLEAN-UP PROVISIONS OF THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL TAKE APPROPRIATE STEPS TO PREVENT AIRBORNE DUST DUE TO THE WORK OF THE CONTRACT. WATER SHALL BE APPLIED WHEREVER PRACTICAL TO SETTLE AND HOLD DUST TO A MINIMUM, PARTICULARLY DURING THE DEMOLITION AND REMOVAL OF MATERIALS.
- PROVIDE DUMP CONTAINERS ON SITE FOR COLLECTION OF WASTE MATERIALS, RUBBISH AND DEBRIS FROM ALL TRADES.
- REMOVE WASTE MATERIALS, RUBBISH AND DEBRIS FROM SITE AND LEGALLY DISPOSE OF AT PUBLIC OR PRIVATE DUMPING AREAS OFF THE OWNERS PROPERTY.
- SCHEDULED CLEANING OPERATIONS SO THAT DUST AND OTHER CONTAMINATES RESULTING FROM THE CLEANING PROCESS WILL NOT INTERFERE WITH ADJONING TENANTS USE OF THE BUILDING.
- IF THE CONTRACTOR FAILS TO CLEAN-UP, THE OWNER MAY DO SO AND THE COST THEREOF WILL BE CHARGED TO THE CONTRACTOR.

DISPOSITION OF REMOVED MATERIAL:

- ALL MATERIALS REMOVED UNDER THIS CONTRACT, WHICH IS NOT SALVAGED OR REUSED, SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND BE PROMPTLY REMOVED FROM THE SITE. AT ALL TIMES, USE MOVABLE DEBRIS BOXES, COVERED TO CONVEY THE MATERIAL THROUGH THE BUILDING. DO NOT STORE OR PERMIT DEBRIS TO ACCUMULATE ON THE SITE.

CLEAN-UP:

- ON COMPLETION OF THE DEMOLITION WORK, LEAVE THE PROPERTY & ADJACENT AREAS CLEAN AND SATISFACTORY TO LOCAL AUTHORITIES AND THE ARCHITECT OR OWNER'S REPRESENTATIVE.
- THE ENTIRE AREA OF DEMOLITION SHALL BE LEFT IN "BROOM CLEAN" CONDITION WITH THE COMPLETE REMOVAL OF ALL ACCUMULATIONS OF DUST FROM ANY REMAINING SURFACES, STRUCTURAL ELEMENTS OR OTHERWISE.
- CONTRACTOR SHALL, AT THE COMPLETION OF THE WORK, REMOVE ALL RUBBISH FROM ABOUT THE BUILDING, ALL HIS TOOLS, SCAFFOLDING, & SURPLUS MATERIALS AND SHALL LEAVE THE BUILDING CLEAN, HAVING THOROUGHLY SUPT FLOORS, CLEANED WINDOWS, MILLWORK AND DUSTED FLAT SURFACES.

REVISION:

DRAWN:

DJR

COMMERCIAL RE-NOVEL & ADDITION FOR:
Palm Medical Group East
 LAKE CITY, COLUMBIA COUNTY, FLORIDA
P.M.G. Dental Demo Plan

DAVID J. ROYAL
 ARCHITECT
 LAKE CITY, FLORIDA • 407-787-7047

NE
 NICHOLAS
 ROYAL
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 ARCHITECT
 1000 10th St. N.E.
 Lake City, FL 32809
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DATE:

07FEB2012

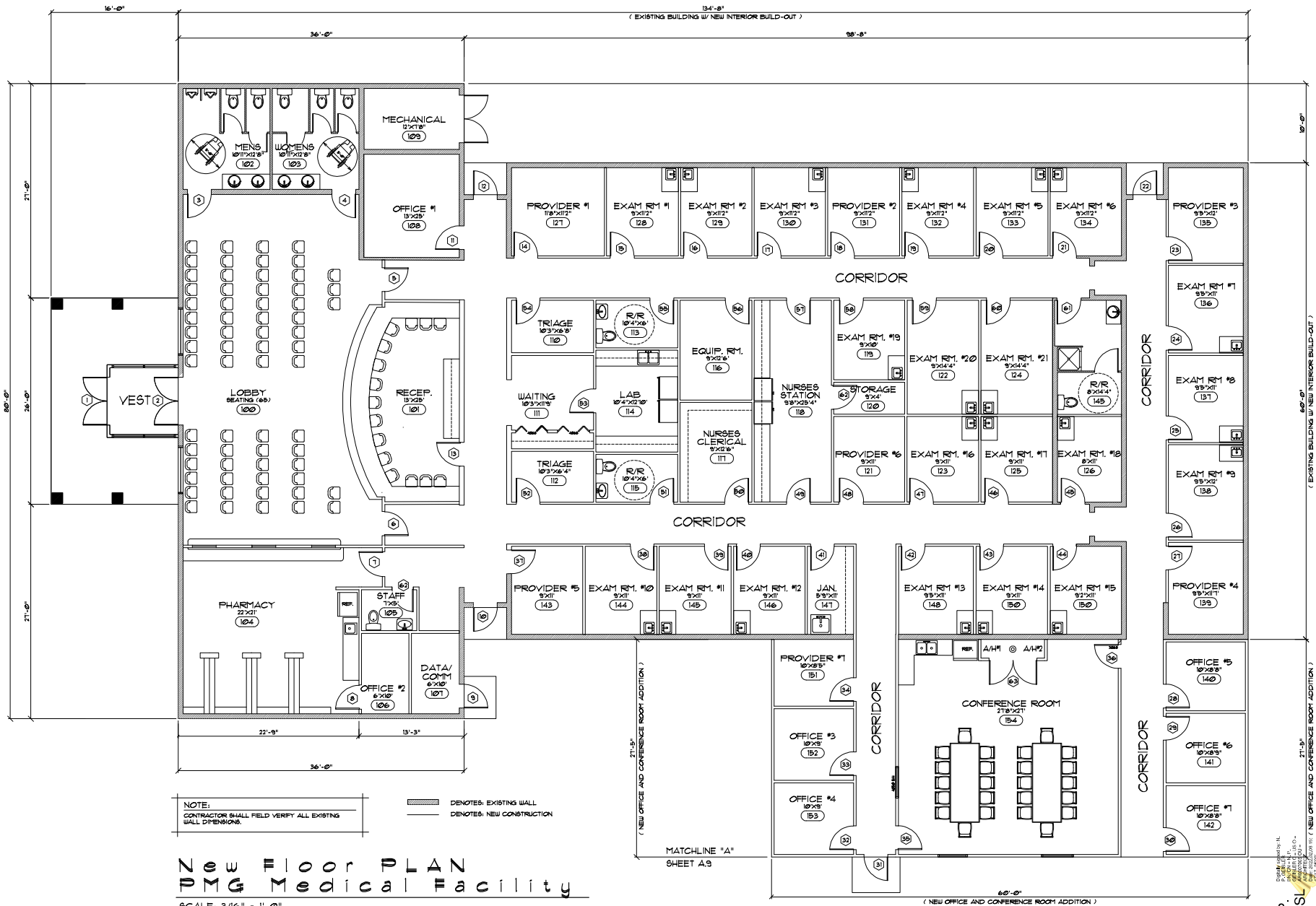
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 6 of 29

Digitally signed by N.P. GEISLER v.1.0
 C = US, O = AR0007005
 CN = N.P. GEISLER
 Date: 2012.02.25 15:46:05 -0500

N.P. GEISLER

AR0007005



REVISION:

DRAWN: DJR

PROJECT: P.M.G. Medical Facility Floor Plan
 CLIENT: P.M.G. Medical Group East
 LOCATION: LAKE CITY, FLORIDA

ARCHITECT: DAVID J. ROYAL
 FIRM: DAVID J. ROYAL ARCHITECT
 ADDRESS: 1000 N. W. 10th St., Suite 100, Lake City, FL 33701

DATE: 07FEB2012

SHEET: A.1
 1 of 29

PROJECT: P.M.G. Medical Facility Floor Plan
 CLIENT: P.M.G. Medical Group East
 LOCATION: LAKE CITY, FLORIDA

ARCHITECT: DAVID J. ROYAL
 FIRM: DAVID J. ROYAL ARCHITECT
 ADDRESS: 1000 N. W. 10th St., Suite 100, Lake City, FL 33701

DATE: 07FEB2012

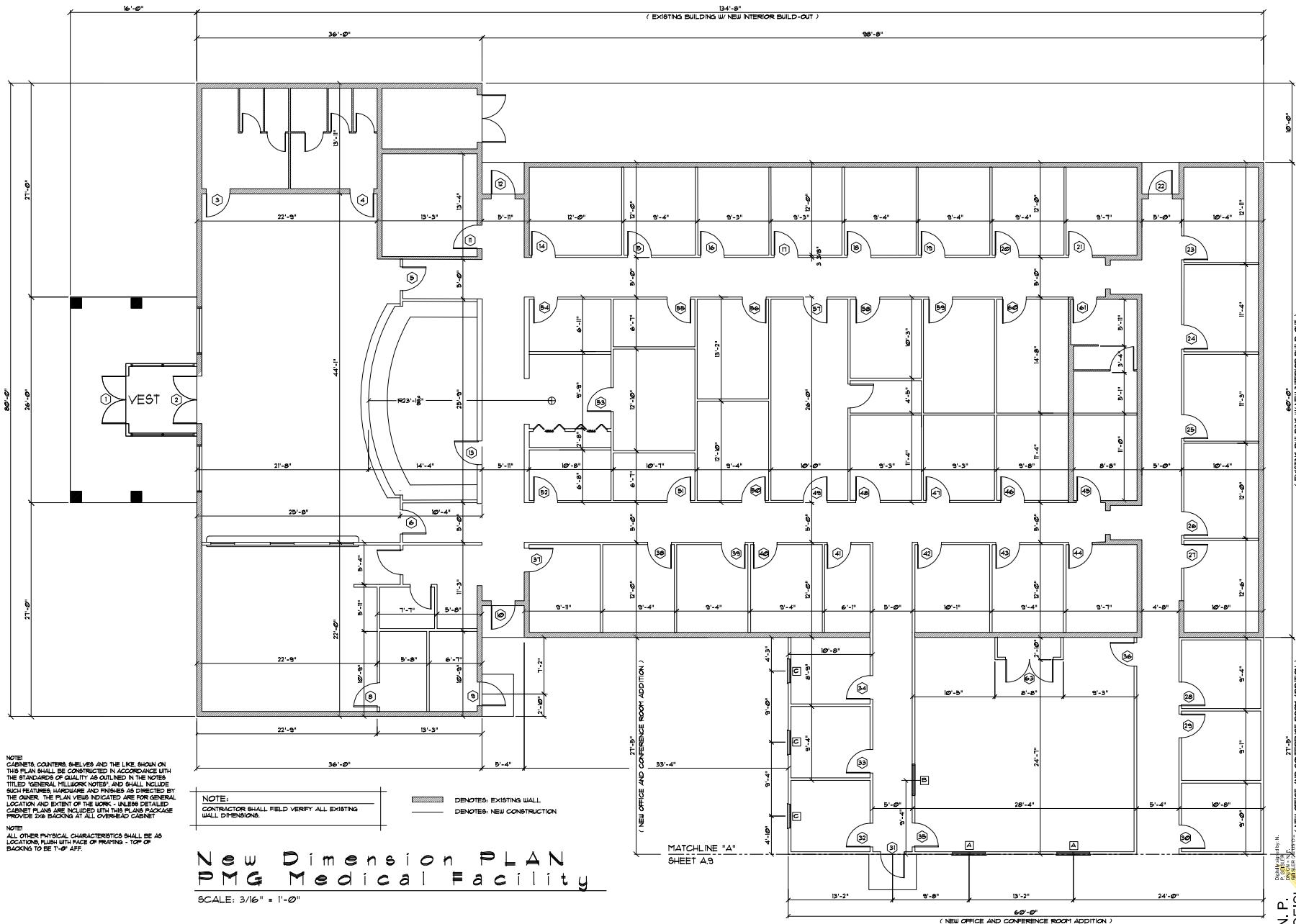
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 1 of 29

PROJECT: P.M.G. Medical Facility Floor Plan
 CLIENT: P.M.G. Medical Group East
 LOCATION: LAKE CITY, FLORIDA

ARCHITECT: DAVID J. ROYAL
 FIRM: DAVID J. ROYAL ARCHITECT
 ADDRESS: 1000 N. W. 10th St., Suite 100, Lake City, FL 33701

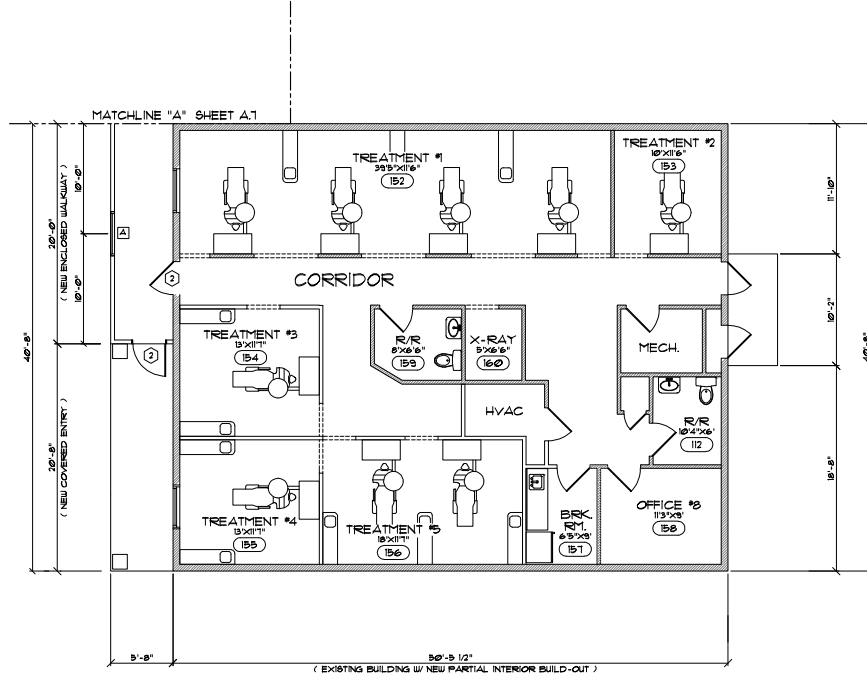
DATE: 07FEB2012

SHEET: A.1
 1 of 29



REVISION:	
DRAWN:	DJR
COMMERCIAL RE-MODEL & ADDITION FOR: Palm Medical Group East LAKE CITY, COLUMBIA COUNTY, FLORIDA P.M.G. Dental Floor Plan	
DAVID J. ROYAL ARCHITECT LAKE CITY, FLORIDA • 404.726.7449	
NICHOLAS GEORGE ARCHITECT 1000 10th St. SE Atlanta, GA 30316 • 404.525.1234	
DATE:	07FEB2012
SHEET:	A8 8 of 29

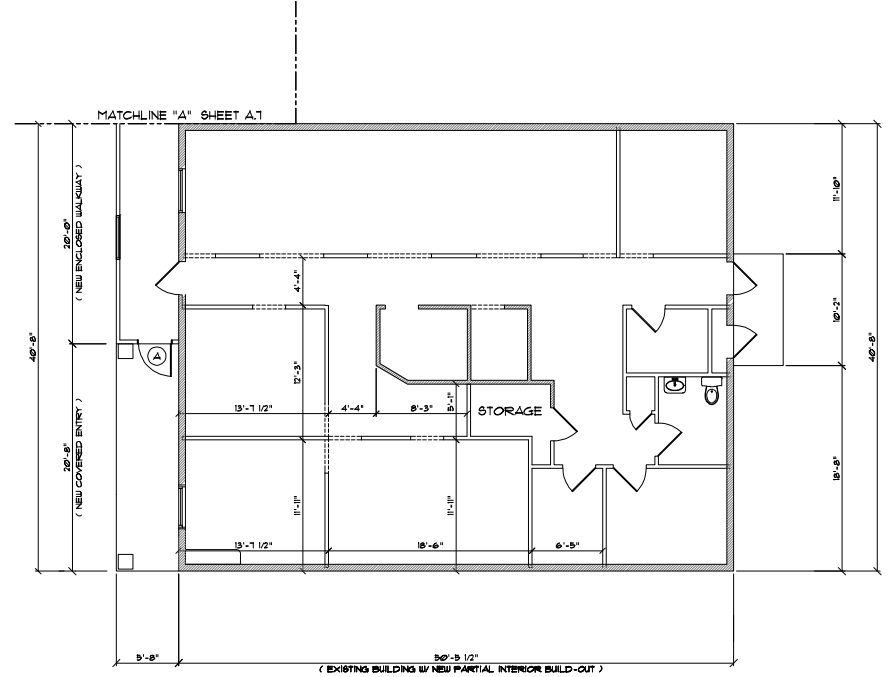
PROJECT: (NEW OFFICE AND CONFERENCE ROOM ADDITION)
 DRAWN BY: N.P. GEORGE
 CHECKED BY: N.P. GEORGE
 DATE: 07FEB2012
 SCALE: 3/16" = 1'-0"
 AR0007005



NOTE:
CONTRACTOR SHALL FIELD VERIFY ALL EXISTING WALL DIMENSIONS.

— DENOTES: EXISTING WALL
— DENOTES: NEW CONSTRUCTION

New Floor PLAN
PMG Dental Facility
SCALE: 3/16" = 1'-0"



NOTE:
CONTRACTOR SHALL FIELD VERIFY ALL EXISTING WALL DIMENSIONS.

— DENOTES: EXISTING WALL
— DENOTES: NEW CONSTRUCTION

New Dimension PLAN
PMG Dental Facility
SCALE: 3/16" = 1'-0"

NOTE!
CABINETS, COUNTERS, SHELVES AND THE LIKE SHOWN ON THIS PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS OF QUALITY AS OUTLINED IN THE NOTES TITLED "GENERAL MILLWORK NOTES", AND SHALL INCLUDE SUCH FEATURES, HARDWARE AND FINISHES AS DIRECTED BY THE OWNER. THE PLAN VIEWS INDICATED ARE FOR GENERAL LOCATION AND EXTENT OF THE WORK - UNLESS DETAILED CABINET PLANS ARE INCLUDED WITH THIS PLANS PACKAGE PROVIDE 2x6 BACKING AT ALL OVERHEAD CABINET.

NOTE!
ALL OTHER PHYSICAL CHARACTERISTICS SHALL BE AS LOCATIONS FLUSH WITH FACE OF FRAMING - TOP OF BACKING TO BE 1'-0" AFF.

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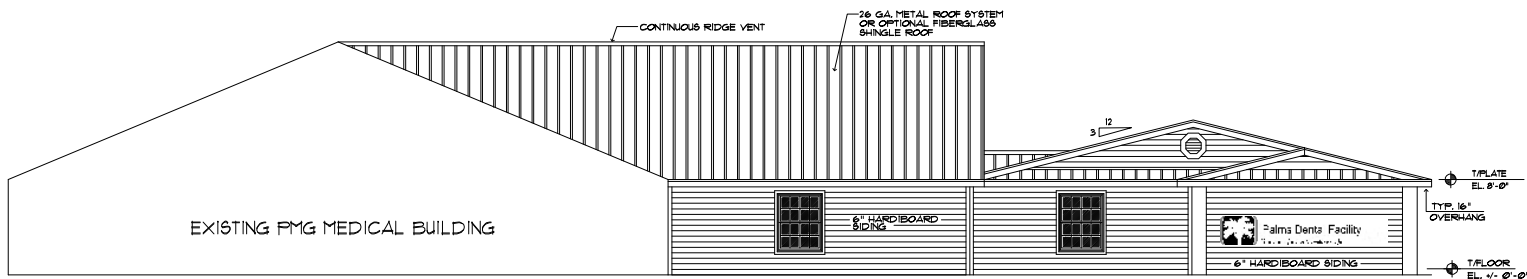
DATE: 07FEB2012
SHEET: A.9
9 of 29

REVISION:
DRAWN: DJR
Palm Medical Group East
LAKE CITY, FLORIDA
P.M.G. Dental Floor & Dim Plan

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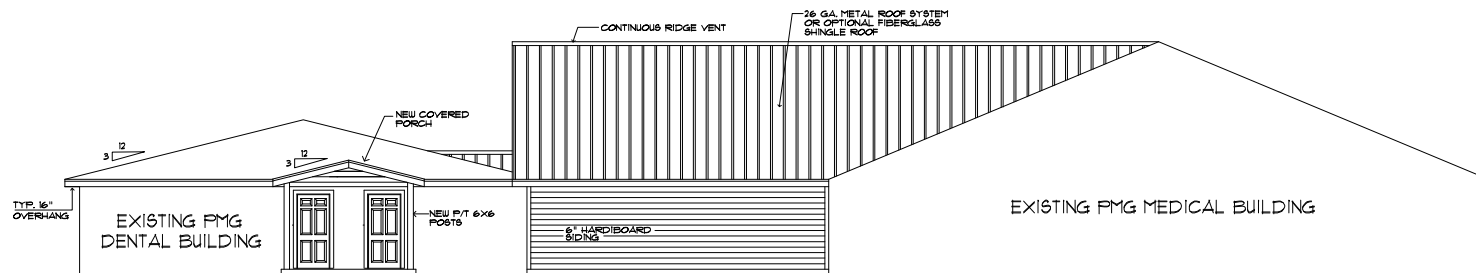
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DATE: 07FEB2012
SHEET: A.9
9 of 29



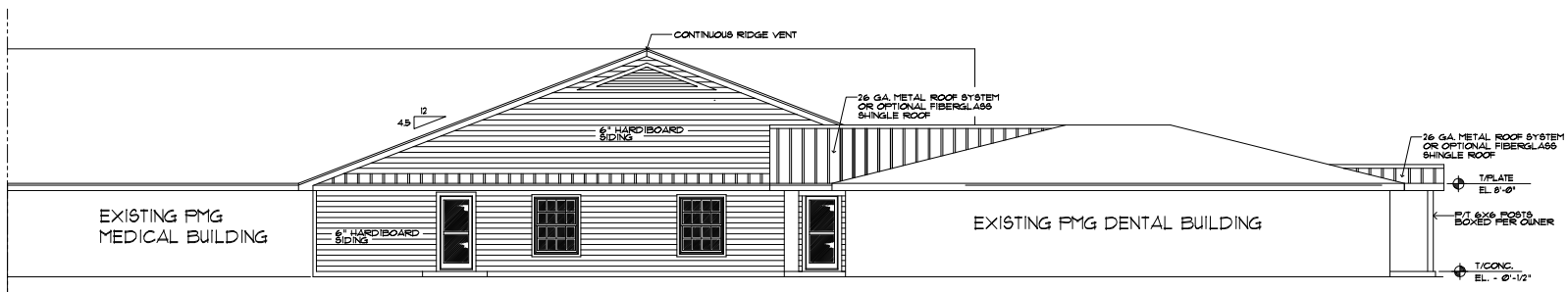
Front ELEVATION

SCALE: 3/16" = 1'-0"



Rear ELEVATION

SCALE: 3/16" = 1'-0"



Side ELEVATION

SCALE: 3/16" = 1'-0"

NOTE:
CONTRACTOR SHALL FIELD VERIFY ALL TOP OF WALL
ELEVATIONS AND EXISTING ROOF PITCH.

REVISION:

DRAWN:

DJR

COMMERCIAL RE-MODEL + ADDITION FOR:

Palm Medical Group East

LAKE CITY, COLUMBIA COUNTY, FLORIDA

Exterior Elevations

DAVID J. ROYAL

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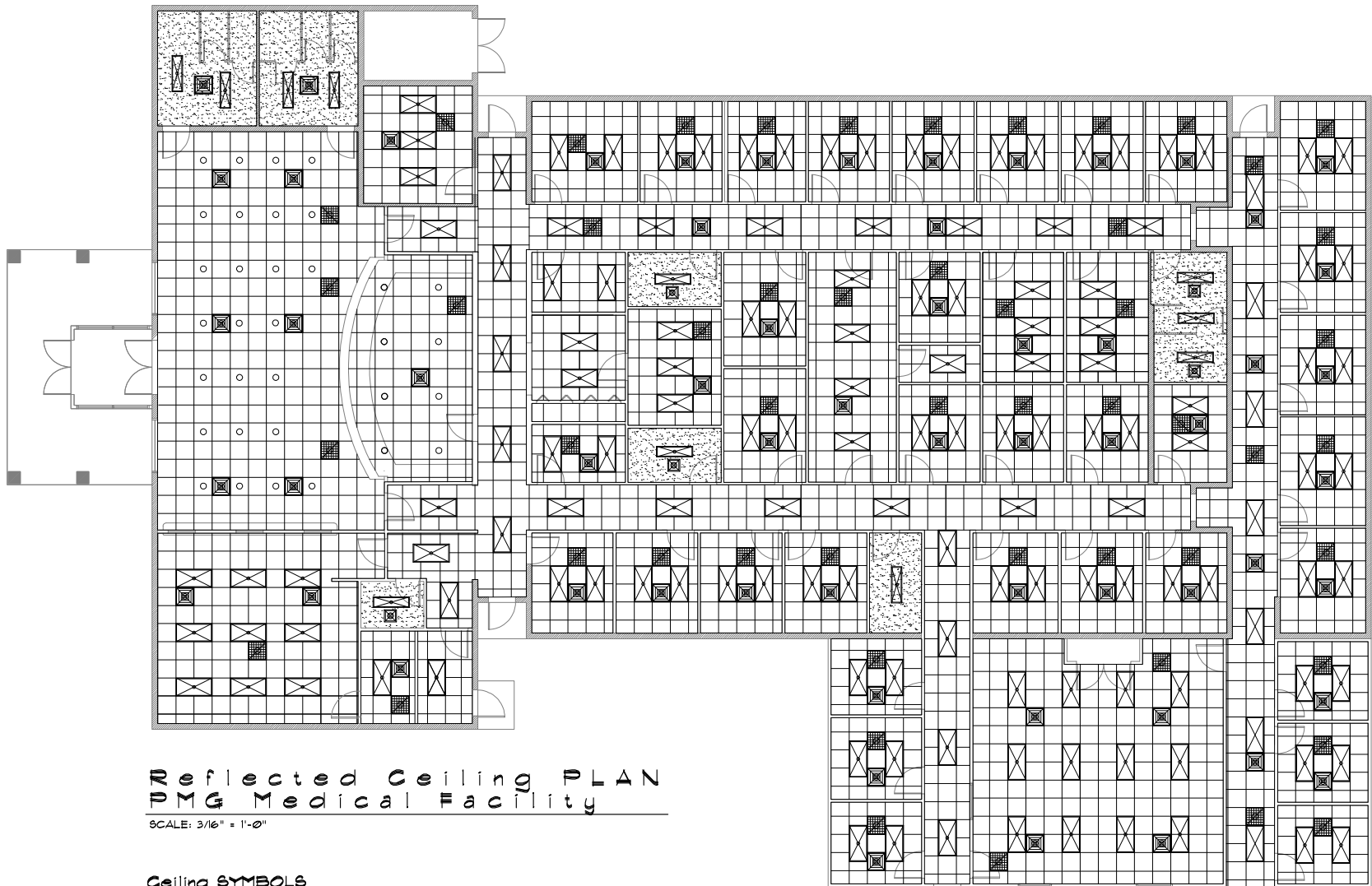
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ARCHITECT



Reflected Ceiling PLAN UMG Medical Facility

SCALE: 3/16" = 1'-0"

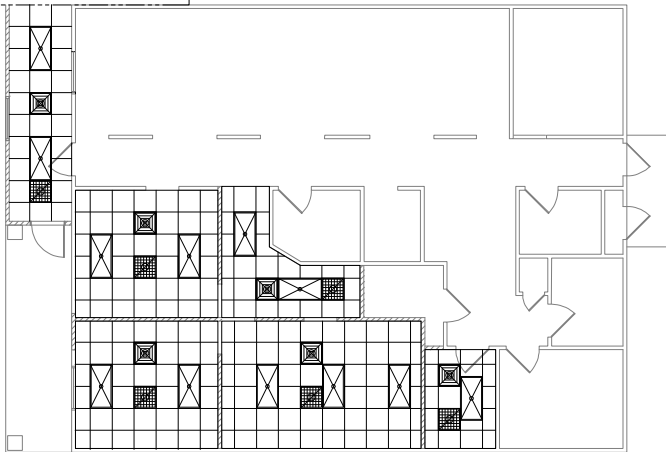
Ceiling SYMBOLS

- | | | | |
|--|---|--|--|
| | 24" X 24" LAY-IN SUPPLY AIR DIFFUSER
WHITE FACTORY FINISH W/ FINE-DAMPER | | 24" X 48" LAY-IN TROFFER W/ HOLOPHANE
ACRYLIC LENSE, W/ LED LAMPS |
| | SUPPLY AIR DIFFUSER - SEE SCHEDULE
WHITE FACTORY FINISH W/ FINE-DAMPER | | HI-HAT RECESSED LIGHTING FIXTURE W/ GOLD
SPECULAR REFLECTOR W/ LED LAMP |
| | 24" X 24" LAY-IN RETURN AIR GRILLE
WHITE FACTORY FINISH W/ FINE-DAMPER | | 5/8" GWS, TO UNDERSIDE OF FRAMED
CEILING JOIST |
| | 12" X 48" WRAPAROUND FIXTURE
W/ ACRYLIC LENSE & LED LAMPS | | |

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 Fort Lauderdale, FL 33304
 Phone: 754.467.1111
 Fax: 754.467.1112
 Email: n.p.geisler@npg.com

REVISION:
DRAWN: DJR
CORRECTIONAL RE-MODEL & ADDITION FOR Palm Medical Group East LAKE CITY, COLUMBIA COUNTY, FLORIDA P.M.G. Medical Reflected Cig. Plan
DAVID J. ROYAL ARCHITECT LAKE CITY, FLORIDA • 386.781.0400
NPG NICHOLAS PAUL GEISLER ARCHITECT 1100 N. W. 10th Ave. Suite 100 Fort Lauderdale, FL 33304 Phone: 754.467.1111 Fax: 754.467.1112 Email: n.p.geisler@npg.com
DATE: 07FEB2012
SHEET: A.11 11 of 29

NEW PMG MEDICAL FACILITY ADDITION SEE SHIT, A1



SUSPENDED CEILING NOTES

1. REMOVE AND REPLACE ALL DAMAGED ACoustICAL CEILING TILES AND CEILING GRID AS REQUIRED.
2. SEE CEILING TILE SPECIFICATIONS AND REQUIREMENTS THIS SHIT.

LEGEND

- DENOTES: NEW CONSTRUCTION
--- DENOTES: EXISTING

Reflected Ceiling PLAN PMG Dental Facility

SCALE: 3/16" = 1'-0"

Ceiling SYMBOLS

- 24" X 24" LAY-IN SUPPLY AIR DIFFUSER
WHITE FACTORY FINISH W/ FIRE-DAMPER
- 24" X 24" LAY-IN TROFFER W/ HOLOPHANE
ACRYLIC LENSE, W/ LED LAMPS
- SUPPLY AIR DIFFUSER - SEE SCHEDULE
WHITE FACTORY FINISH W/ FIRE-DAMPER
- 24" X 24" LAY-IN RETURN AIR GRILLE
WHITE FACTORY FINISH W/ FIRE-DAMPER
- 12" X 48" URAPAROUND FIXTURE
W/ACRYLIC LENSE 4 LED LAMPS
- HI-HAT RECESSED LIGHTING FIXTURE W/ GOLD
SPECULAR REFLECTOR, W/ LED LAMP
- 5/8" G.W.B. TO UNDERSIDE OF FRAMED
CEILING JOIST

Ceiling Tile Specs.

- A. Ceiling Panels:
1. Armstrong World Industries, Inc.

ACOUSTICAL CEILING UNITS

- A. Acoustical Panels Type ACT-1:
1. Surface Texture: Medium
2. Composition: Mineral Fiber
3. Color: White
4. Size: 24in X 24in X 5/8in
5. Edge Profile: Angled Regular for Interface with Prelude ML
B-67 Exposed Tee
6. Noise Reduction Coefficient (NRC): ASTM C 423-1 Classified
with UL label on product carton: 0.95
7. Ceiling Attenuation Class (CAC): ASTM C 1444 Classified
with UL label on product carton: 35
8. Flame Spread: ASTM E 264-1 Class A (UL)
9. Light Reflectance (LR): ASTM E 1471 White Panel: Light
Reflectance: 0.85
10. Dimensional Stability: Standard
11. Acceptable Product: Corrugate Tile 1 Lay-in 104 as
manufactured by Armstrong World Industries.

SUSPENSION SYSTEMS

- A. Components: All main beams and cross tees shall be commercial
quality hot-dipped galvanized (galvanized steel, aluminum or
stainless steel) as per ASTM A 653. Main beams and cross tees
are double-web steel construction with type exposed flange
design. Exposed surfaces chemically cleaned, cladding
pre-finished galvanized steel (aluminum or stainless steel) in
baked polyester paint. Main beams and cross tees shall have
rotary stitching (exception: extruded aluminum or stainless
steel).

1. Structural Classification: ASTM C 635 HD.
2. Color: White and match the actual color of the selected
ceiling tile, unless noted otherwise.
3. Acceptable Product: Prelude ML 5/16" Exposed Tee as
manufactured by Armstrong World Industries, Inc.

- B. High Humidity Finish: Comply with ASTM C 635 requirements for
Coating Classification for Severe Environment. Performance
where high humidity finishes are indicated.

1. 65 Prelude Plus by Armstrong World Industries, Inc. - 100%
Type 304 STAINLESS Steel

2. AL Prelude Plus by Armstrong World Industries, Inc. - all
ALUMINUM

3. Prelude Plus XL, Pre Guard by Armstrong World Industries,
Inc. 0.40 Hot dipped galvanized aluminum cladding

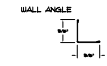
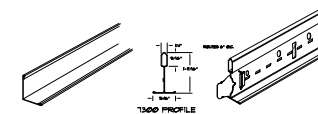
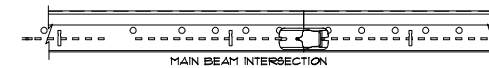
4. Structural Classification: ASTM C 635 duty class

5. Color: Stainless for 65 only 1/2" white aluminum 1/4" Clear
Anodized Aluminum

- C. Attachment Devices: Size for five times design load indicated
in ASTM C 635, Table 1. Direct Hang unless otherwise indicated.

- D. Wire for Hangers and Ties: ASTM A 641 Class 1 zinc coating
soft temper, pre-stretched, with a yield stress load of at least
three times design load, but not less than 17 gauge.

- E. Edge Holdings and Trim: Metal or extruded aluminum of types
and profiles indicated or, if not indicated, manufacturer's
standard holdings for edges and penetrations, including light
fixtures. Meet fit type of edge detail and suspension system
indicated. Provide holdings with exposed flange of the same
width as exposed runner.



CHANNEL HOLDING 183550READER CHANNEL
183550C

Suspended Ceiling Requirements

Drawn by: N.P.
Checked by: N.P.
Designed by: N.P.
Reviewed by: N.P.
Approved by: N.P.

N. P.
GEISLER
ARCHITECT

AR0007005

REVISION:

DRAWN:

DJR

Palms Medical Group, Inc.
LAKE CITY, FLORIDA
P.M.G. Dental Reflected Cig Plan

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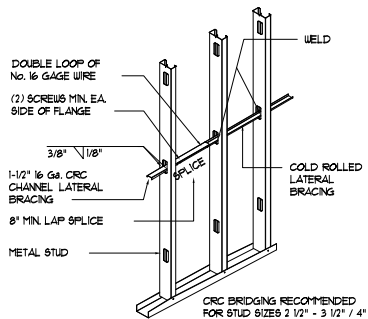
DATE:

07/26/2022

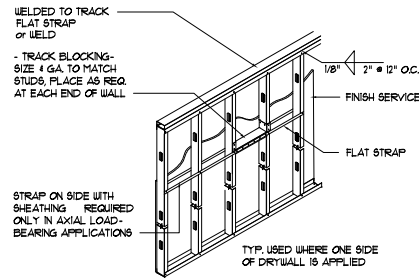
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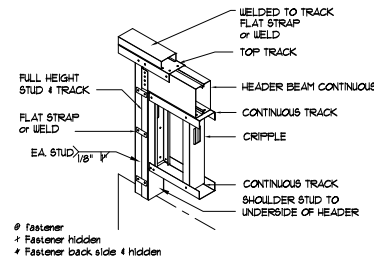
12 of 29



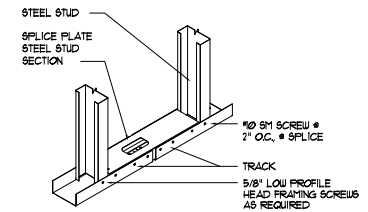
WELDED CRC BRIDGING



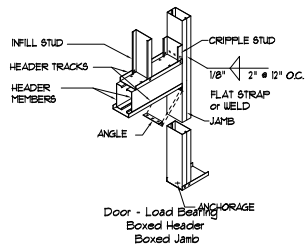
FLAT STRAP LATERAL BRACING



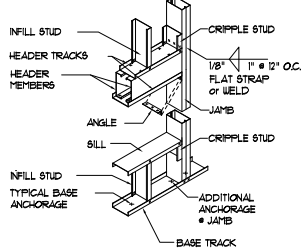
HEADER TO JAMB STUD DETAIL



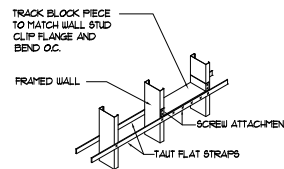
TRACK SPLICE



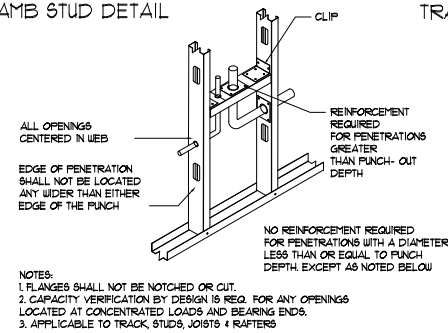
DOOR - LOAD BEARING
BOXED HEADER - BOXED JAMB



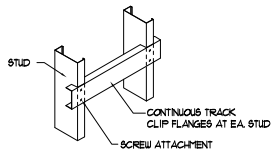
WINDOW - LOAD BEARING
BOXED HEADER - BOXED JAMB



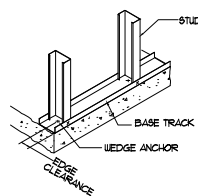
BRIDGING - DOUBLE
FLAT STRAP W/BLOCKING



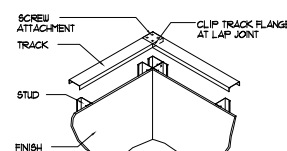
STUD WEB PENETRATIONS



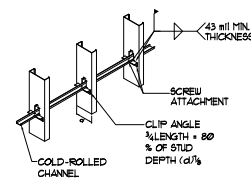
BACKING - CLIPPED TRACK
HYV. LOADED BACKING
(GRAB BARS, HANDRAILS,
WALL HUNG CABINETS)



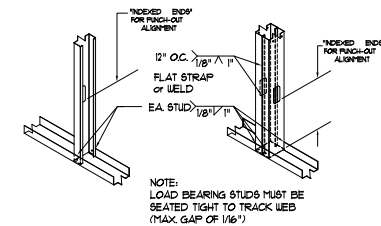
BOTTOM TRACK
WEDGE ANCHOR



CORNER TRACK
LAP CONNECTION



BRIDGING COLD-ROLLED
CHANNEL W/CLIP ANGLE



TYPICAL STUD TO TRACK CONNECTIONS

Cold Formed Metal Stud DETAILS

SCALE: NONE

NOTES - COLD-FORMED STEEL FRAMING

- STEEL FRAMING SHALL BE 3625 X 125 X 20 GA. CLARK DIETRICK PRO STUD FRAMING SYSTEM OR APPROVED EQUAL.
- STEEL FRAMING SHALL CONFORM TO THE A.I.S.I. "SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS".
- COLD FORMED STEEL FRAMING SYSTEM, INCLUDING STUDS, TRUSSES, CONNECTIONS, AND ALL ACCESSORIES, SHALL BE DESIGNED BY A DELEGATED PREPARATION OF SHOP DRAWINGS.
- WELDED CONNECTIONS SHALL CONFORM TO CODE FOR WELDING IN BUILDING CONSTRUCTION, AWS D1.1.
- ASTM A568 STANDARD SPECIFICATION FOR GENERAL REQUIREMENTS FOR STEEL, CARBON AND HIGH STRENGTH LOW ALLOY HOT ROLLED SHEET AND COLD ROLLED SHEET.
- ALL STEEL FRAMING SHALL BE INSTALLED BY PERSONNEL EXPERIENCED IN LIGHT GAUGE STEEL FRAMING INSTALLATION.
- WHERE STEEL FRAMING MEMBERS ARE COMPONENTS OF ASSEMBLIES INDICATED FOR A FIRE RESISTANCE RATING, INCLUDING THOSE REQUIRED FOR COMPLIANCE WITH GOVERNING REGULATIONS, PROVIDE MEMBERS WHICH HAVE BEEN APPROVED BY GOVERNING AUTHORITIES HAVING JURISDICTION.
- PROTECT LIGHT GAUGE STEEL FRAMING MEMBERS FROM RUSTING AND DAMAGE. DELIVER TO PROTECT SITE IN BUNDLES FULLY IDENTIFIED WITH NAME, BRAND, TYPE AND GRADE. STORE OFF GROUND IN A DRY VENTILATED SPACE OR PROTECT WITH SUITABLE WATERPROOF COVERINGS.
- WITH EACH TYPE OF STEEL FRAMING REQUIRED, PROVIDE MANUFACTURER'S STANDARD STEEL RUNNERS (TRACKS), BLOCKING, LINELS, CLIP ANGLES, BRACING, REINFORCEMENTS, FASTENERS, AND ACCESSORIES AS RECOMMENDED BY MANUFACTURER FOR APPLICATION INDICATED, AS NEEDED TO PROVIDE A COMPLETE STEEL FRAMING SYSTEM.
- FABRICATE METAL FRAMING COMPONENTS OF STRUCTURAL QUALITY SHEET STEEL WITH A MINIMUM YIELD POINT OF 50,000 PSI FOR STUDS, AND 33,000 PSI FOR RUNNERS, ASTM A563.
- PROVIDE GALVANIZED FINISH TO METAL FRAMING COMPONENTS COMPLYING WITH ASTM A563 WITH A G60 COATING.
- FRAMING COMPONENTS MAY BE PREFABRICATED INTO PANELS PRIOR TO ERECTION. FABRICATE PANELS FLUSH, SQUARE, TRUE TO LINE AND BRACED AGAINST RACKING WITH JOINTS WELDED. PERFORM LIFTING OF PREFABRICATED PANELS IN A MANNER TO PREVENT DAMAGE OR DISTORTION.
- INSTALL METAL FRAMING SYSTEMS IN ACCORDANCE WITH REVISED SHOP DRAWINGS.
- INSTALL CONTINUOUS TRACKS SIZED TO MATCH STUD DEPTH. ALIGN TRACKS ACCURATELY TO LAYOUT AT BASE AND TOPS OF STUDS. SECURE TRACKS AS RECOMMENDED BY STUD MANUFACTURER FOR TYPE OF CONSTRUCTION INVOLVED, EXCEPT DO NOT EXCEED 24\"/>

Designed by N.P. GERSLER
Checked by N.P. GERSLER
DATE: 07/20/2022
DRAWN: DJR
SCALE: AS SHOWN
PROJECT: 15-03

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REVISION:

DRAWN:
DJR

COMMERCIAL RE-MODEL & ADDITION FOR
Palm Medical Group East
LAKE CITY, COLUMBIA COUNTY, FLORIDA
Typical Metal Stud Details

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07/20/2022

SHEET:

A.13
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AR0007005

Technical drawings of six door models (D1-D6) with dimensions and descriptions:

- D1 EXTERIOR ALUM. BASH**: Dimensions: 6'-4" (width), 3'-2" (width of each panel), 1'-6" (height). Features a central handle.
- D2 INTERIOR 8/C WOOD**: Dimensions: 6'-0" (width), 3'-0" (width of each panel), 1'-6" (height). Features a six-panel design.
- D3 INTERIOR 8/C WOOD**: Dimensions: 3'-0" (width), 1'-6" (height). Features a single vertical panel with a small handle.
- D4 INTERIOR 8/C WOOD**: Dimensions: 3'-0" (width), 1'-6" (height). Features a single vertical panel.
- D5 INTERIOR 8/C WOOD**: Dimensions: 3'-0" (width), 1'-6" (height). Features a single vertical panel with a rectangular inset.
- D6 EXTERIOR METAL**: Dimensions: 3'-0" (width), 1'-6" (height). Features a single vertical panel.

1. ALL HARDWARE SHALL BE GUARANTEED FOR A PERIOD OF TWO (2) YEARS AFTER INSTALLATION. CONTRACTOR SHALL PROVIDE A WRITTEN GUARANTEE TO OWNER.

2. ALL LOCKS SHALL BE CONSTRUCTION KEYED. ALL PERMANENT KEYS AND CONSTRUCTION KEY TOOLS SHALL BE GIVEN TO THE OWNER ONLY. KEYING SHALL BE AS PER DIRECTION OF OWNER.

ALL WINDOWS ARE INSULATED AND WEATHERSTRIPPED AS MANUFACTURED BY THE PRODUCTS, INC.
- OTHER MANUFACTURERS' PRODUCTS SHALL BE CONSIDERED AS EQUAL IF THEIR WINDOW DESIGN
PERFORMANCE MEETS OR EXCEEDS THESE UNITS
NOTE, VERIFY ROUGH OPENING WINDOW REQUIREMENTS PRIOR TO CONSTRUCTION.

- DOORS
 - 1. MINIMUM 3" IN WIDTH, 6'-8" IN HEIGHT.
 - 2. MEET A MINIMUM OF 50 DEGREES.
 - 3. CLEAR WIDTH OF THE DOORWAY IS 32" MINIMUM.
 - 4. DOUBLE DOORS: AUTOMATIC DOORS - AT LEAST ONE DOOR MUST COMPLY WITH 1, 2 AND 3 ABOVE.
 - 5. BOTTOM OF DOOR HAVE A SMOOTH, UNINTERRUPTED SURFACE (KICK PLATE).
- 6. EFFORT TO OPERATE DOORS WITH THESE REQUIREMENTS ALLOWED:
 - A. INTERIOR DOORS - 5 POUNDS MAXIMUM PRESSURE TO OPERATE.
 - B. EXTERIOR DOORS - 8 TO 15 POUNDS MAXIMUM PRESSURE TO OPERATE.
 - C. FIRE DOORS - 15 POUNDS MAXIMUM PRESSURE TO OPERATE.
- 7. AUTOMATIC DOORS MUST PROVIDE A MINIMUM 32" CLEARANCE WHEN FULLY OPEN 136/414 4.135

DOORS HARDWARE

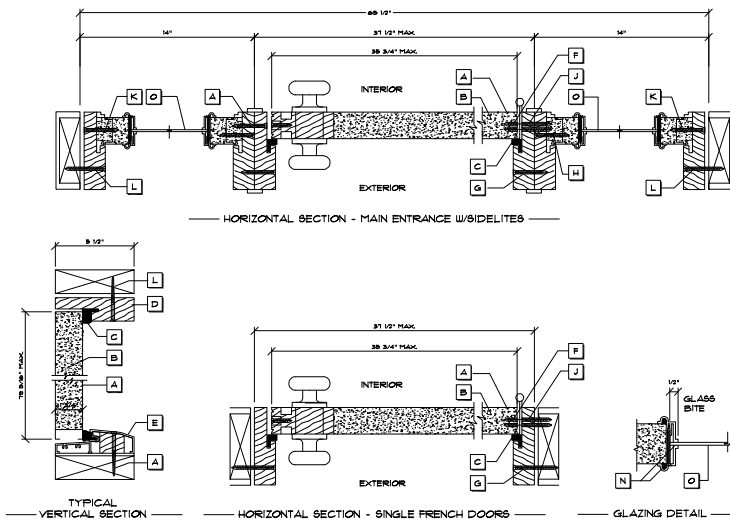
- 1. EXIT DOORS ARE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR AN UNUSUAL KNOWLEDGE OR EFFORT.
- 2. OPERABLE WITH A SINGLE EFFORT (EX. LEVER TYPE, PANE BARS OR PUSH PULL TYPE).
- 3. DOOR CLOSURE IS CENTRED BETWEEN 36" AND 44" ABOVE FINISH FLOOR.
- 4. DOOR CLOSERS IF PRESENT, MUST BE SET SO THAT IT TAKES AT LEAST 15 POUNDS OF FORCE FROM AN OPEN POSITION OF 10 DEGREES TO 90 DEGREES TO GET TO THE LATCH.

M1 FAIL SAFE -CLOSE W/ FIRE ALARM SYSTEM
AND (1) HOUR FIRE RATING
M2 FIRE RATED GLAZING
M3 DOOR CLOSER
M4 SURFACE MOUNTED PANIC BAR
M5 MAGNETIC DOOR LOCK W/BUZZER
M6 TEMPERED GLASS
M7 45 MIN. FIRE RATED, SEE LABEL

DOOR HARDWARE					
GROUP	HANGER	OPERATOR	CONTROLLER	PROTECTOR	HOUR COMMENTS
1	SPRING HINGES	LOCKSET (PASSAGE)		DOOR STOP / BASEBOARD RIDGE BUMPER	
2	HINGES NRP	LOCKSET (PRIVATE)	LOCKSET (PRIVATE)	DOOR STOP	
3	HINGES	LOCKSET (PASSAGE)	LOCKSET (PRIVATE)	DOOR STOP	
4	HINGES	LOCKSET (STOREROOM)	SPRING BALL LATCH DEVICE	DOOR STOP / HINGE TYPE	DEADBOLT
5	HINGES	LOCKSET (EXTD)	CLOSER, PANG BAR	DOOR STOP	DEADBOLT
6	HINGES	LOCKSET (EXTD)	CLOSER, PANG BAR	DOOR STOP	DEADBOLT

N. P. GEISLER
ER

AR0007005



Typ. Exterior Door Jamb DETAILS
SCALE : NONE

Door Notes

- A STEEL SKIN - 26 GA.
- B POLYURETHANE FOAM CORE
- C COMPRESSION WEATHER STRIP
- D WOOD HEAD JAMB
- E ALUMINUM BUTTER THRESHOLD
- F 1/2" X 2" F.H.W.S. (4) SCREWS PER HINGE INTO DOOR
- G 1/2" X 2" F.H.W.S. (5) SCREWS THROUGH HINGE JAMB, 8" DOWN FROM TOP, MAX. 18" O.C. THEREAFTER.
- H 1/2" X 2" F.H.W.S. (10) SCREWS THROUGH STRIKE JAMB INTO SIDELITE JAMB, 4" DOWN FROM TOP, MAX. 8" O.C. THEREAFTER.
- J 1/2" X 2" F.H.W.S. (4) SCREWS THROUGH EACH HINGE INTO DOOR JAMB.
- K 1/2" X 2" F.H.W.S. (6) SCREWS THROUGH EACH SIDELITE JAMB INTO SIDELITE, 4" DOWN FROM TOP, MAX. 18" O.C. THEREAFTER.
- L 1/2" F.H.W.S. WITHIN 1 1/2" EMBEDMENT OR 3/16" PH TAPCONS W/ MIN. 1 1/2" EMBEDMENT, (14) PER HEAD & BILL, (6) PER JAMB
- M 1/2" X 3/4" F.H.W.S. (3) PER SIDE FROM JAMB INTO THRESHOLD
- N SHERWIN WILLIAMS 880A EXTERIOR GRADE LATEX CAULK
- O TEMPERED / INSULATED GLASS WINDOW

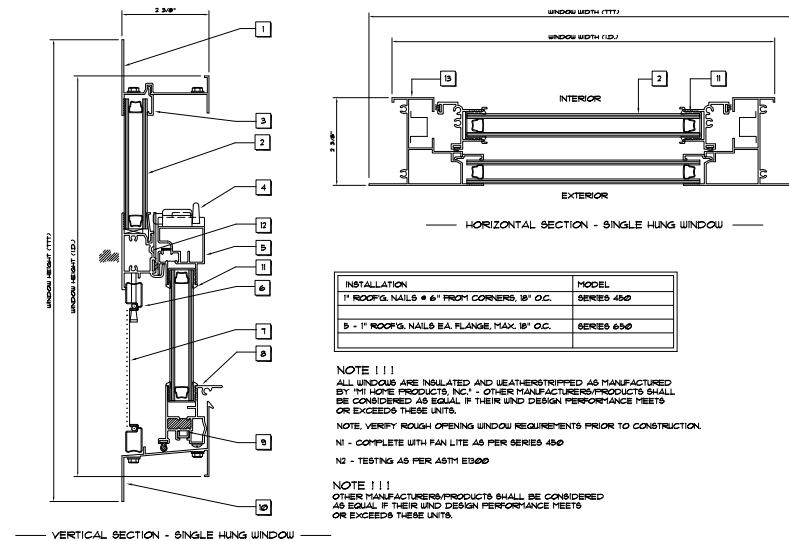
DESIGN PRESSURE RATINGS *	
POSITIVE	-76.0 PSF
NEGATIVE	-76.0 PSF

* WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED

NOTE !!!
EXTERIOR DOORS SHALL MEET OR EXCEED THE WIND RESISTANCE OF THE FOLLOWING PRODUCT:

SERIES ENTERGY 6-8 W/ INSULING OPAQUE RESIDENTIAL INSULATED STEEL DOOR W/ STEEL FRAME AS "FGD BY "PRE-DOOR ENTRY SYSTEMS"

2



Typ. Window Jamb DETAILS
SCALE : NONE

Window Notes

- 1 FLANGED HEAD
- 2 INSULATED GLASS
- 3 GLAZING BEAD
- 4 LOCK
- 5 SASH TOP RAIL
- 6 SCREEN FRAME
- 7 FIBERGLASS MESH
- 8 BOTTOM SASH RAIL
- 9 PIVOT BAR
- 10 FLANGED BILL
- 11 MARINE GLAZING
- 12 FIXED MEETING RAIL
- 13 FLANGED JAMB

INSTALLATION	MODEL
1" ROOF G. NAILS # 6" FROM CORNERS, 18" O.C.	SERIES 4500
1" ROOF G. NAILS EA. FLANGE, MAX. 18" O.C.	SERIES 6500

NOTE !!!
ALL WINDOWS ARE INSULATED AND WEATHERSTRIPPED AS MANUFACTURED BY "M HOME PRODUCTS, INC." - OTHER MANUFACTURERS PRODUCTS SHALL BE CONSIDERED AS EQUAL IF THEIR WIND DESIGN PERFORMANCE MEETS OR EXCEEDS THESE UNITS.

NOTE, VERIFY ROUGH OPENING WINDOW REQUIREMENTS PRIOR TO CONSTRUCTION.

N1 - COMPLETE WITH FAN LITE AS PER SERIES 4500

N2 - TESTING AS PER ASTM E1300

NOTE !!!
OTHER MANUFACTURERS PRODUCTS SHALL BE CONSIDERED AS EQUAL IF THEIR WIND DESIGN PERFORMANCE MEETS OR EXCEEDS THESE UNITS.

3

REVISION:

DRAWN:

DJR

COMMERCIAL RE-MODEL & ADDITION FOR:
Palm Medical Group East
LAKE CITY, COLUMBIA COUNTY, FLORIDA
Door & Window Details

DAVID J. ROYAL
ARCHITECT
LAKE CITY, FLORIDA - 32709-3400
407-762-0400

N3
NICHOLAS
ROSALES
GEISLER
ARCHITECT
LAKE CITY, FLORIDA - 32709-3400
407-762-0400

DATE:

07 FEB 2022

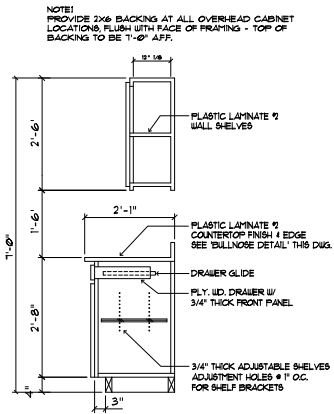
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N.P.
GEISLER
ER

AR0007005

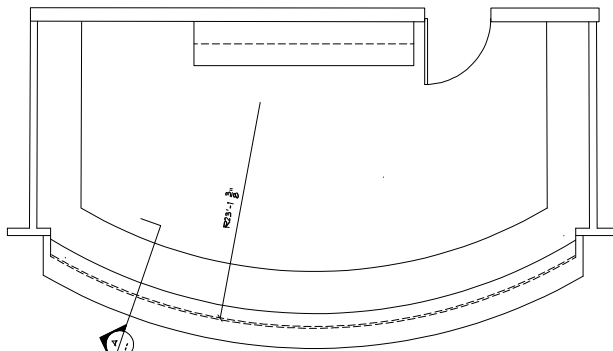


Base & O/H Cab.

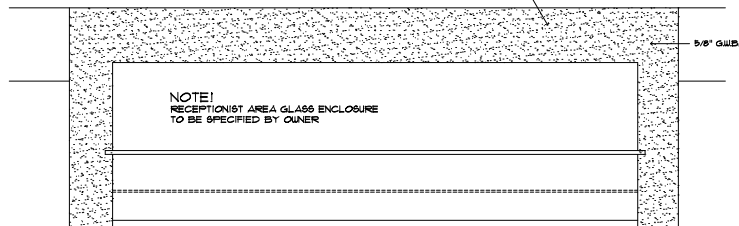
Typ. Cabinet DETAILS

SCALE 3/4" = 1'-0"

NOTE!
THESE COUNTER DETAILS ARE GENERAL IN NATURE AND PROVIDE A BASIS FOR ACTUAL CABINET CONSTRUCTION.

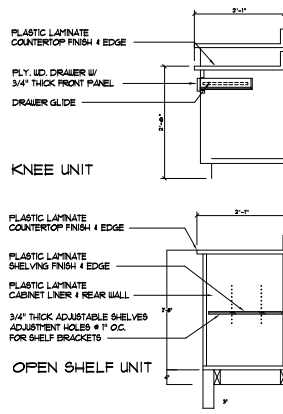


Plan
SCALE 3/8" = 1'-0"



Receptionist Desk DETAILS

SCALE 3/8" = 1'-0"

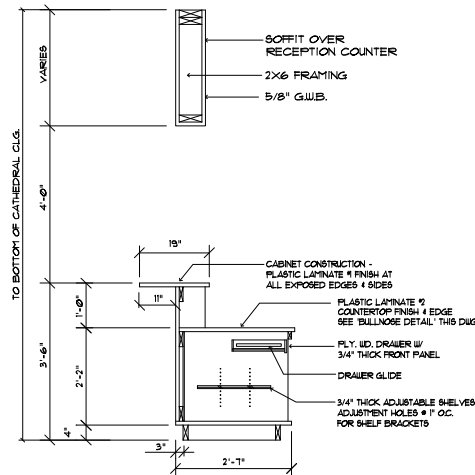


Records / Copier Counter

4

GENERAL MILLWORK NOTES:

1. MILLWORK SUB-CONTRACTOR PROVIDING CASEWORK, MILLWORK OR THE LIKE FOR THIS PROJECT SHALL BE SUBJECT TO THE PROVISIONS OF NOTES 1 THRU 6 OF THE GENERAL NOTES, THIS SHEET.
2. SCOPE OF WORK INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING: FABRICATION AND DELIVERY OF MILLWORK SHOWN IN THE DRAWINGS, TO THE JOB SITE, INSTALLATION OF CABINET HINGES, CATCHES, DRAWER & TRAY GUIDES, ADJUSTABLE SHELF STANDARDS & SURFACE BOLTS.
3. ALL APPLICABLE STANDARDS OF 'AIA' QUALITY STANDARDS & GUIDE SPECIFICATIONS' APPLY TO THIS PROJECT, UNLESS NOTED OTHERWISE.
4. ALL 'CUSTOM' GRADE EXCEPT AS OTHERWISE NOTED OR DIRECTED BY THE OWNER, SHALL BE THE BASE STANDARD OF QUALITY REQ'D FOR THIS WORK.
5. MILLWORK SUB-CONTRACTOR SHALL SUBMIT FOR APPROVAL BY THE OWNER, THE FOLLOWING ITEMS PRIOR TO FABRICATING ANY MILLWORK OR MILLWORK COMPLETE SET OF SHOP DRAWINGS, SAMPLES OF: 1. SPECIES RECEIVING TRANSPARENT FINISH, MP'S LITERATURE FOR ALL SPECIALTY ITEMS NOT MFD. BY THE ARCHITECTURAL WOODWORK FIRM AND HARDWARE SCHEDULE, SHOWING HARDWARE USED AT E.A. LOCATION & CONFORMANCE W/ THE DESIGN INTENT OF THE DRAWINGS OR DIRECTIVES ISSUED BY THE OWNER.
6. PRODUCTS SHALL INCLUDE THE FOLLOWING: 1. SOFTWOOD - SOLID STOCK PINE, C OR BETTER HARDWOOD - SPECIES AS SELECTED BY OWNER 2. PLYWOOD, OPAQUE FINISH - PIR GRADE A/B 3. PLYWOOD, TRANSPARENT FINISH - SPECIES AS SELECTED BY OWNER 4. PARTICLE BOARD - HIGH DENSITY, W/ RESIN BINDER 5. LAM. PLASTIC - MFG. COLORS, PATTERNS & TEXTURES AS SELECTED BY OWNER 6. LAMINATING ADHESIVES - POLYVINYL ACETATE, UREA-FORMALDEHYDE, CASEIN
7. ASSEMBLE WORK AT MILL & DELIVER TO JOB SITE READY TO INSTALL INsofar AS POSSIBLE.
8. PROTECT MILLWORK FROM MOISTURE & DAMAGE WHILE IN TRANSIT TO THE JOB SITE, UNLOAD AND STORE IN A PLACE WHERE IT WILL BE PROTECTED FROM MOISTURE AND DAMAGE AND BE CONVENIENT FOR INSTALLATION.
9. FABRICATE WORK IN ACCORDANCE WITH MEASUREMENTS TAKEN AT THE JOB SITE.
10. INSTALL HARDWARE IN ACCORDANCE WITH MANUFACTURER'S DIRECTIONS. LEAVE OPERATING HARDWARE OPERATING SMOOTHLY & QUIETLY.
11. DAMAGED SURFACES SHALL BE REPAIRED TO MATCH UNDAMAGED ADJACENT PORTION OF THE WORK.

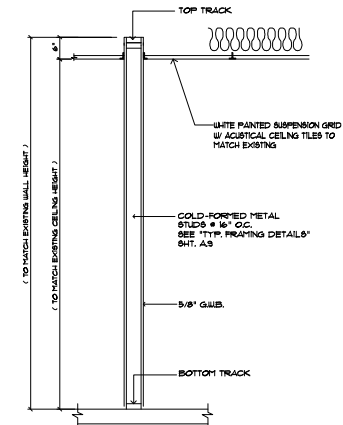


NOTE!
THESE DESK DETAILS ARE GENERAL IN NATURE AND PROVIDE A BASIS FOR ACTUAL CABINET CONSTRUCTION.

Typical Desk SECTION

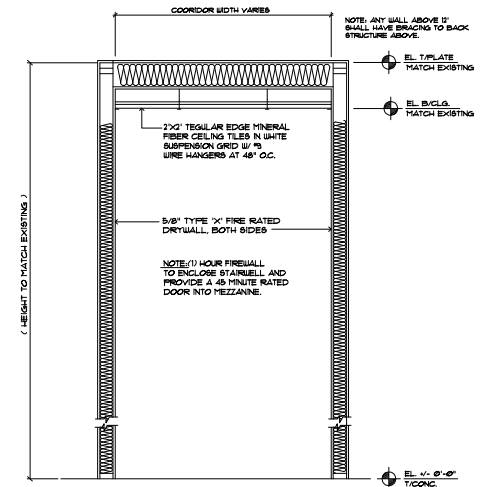
SCALE 1/2" = 1'-0"

A



TYP. INTERIOR WALL SECTION

SCALE 3/4" = 1'-0"



TYPICAL SECTION @ CORRIDOR

SCALE: N.T.S.

N.P. G.E.S. ER
DESIGNED BY N.P. G.E.S. ER
CONSULTING ARCHITECT
10000 N. 15th Ave., Suite 100
Miami, FL 33150
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REVISION:
DRAWN:
DJR
Palm Medical Group East
LAKE CITY, FLORIDA
Cabinet Det. & Wall Sections

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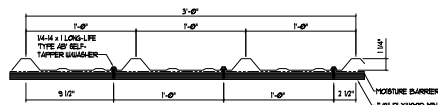
NICHOLAS
ROSA
ARCHITECT
LAKE CITY, FLORIDA
(407) 750-1500

DATE:
07/02/2012

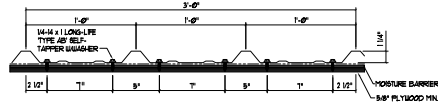
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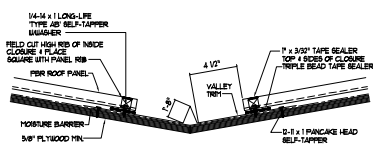




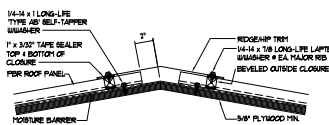
PBR FASTENER SPACING • INTERMEDIATE SUPPORTS



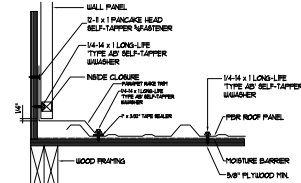
PBR FASTENER SPACING • PANEL ENDS



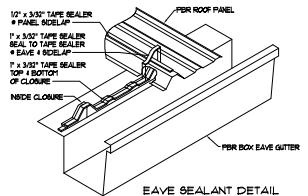
STANDARD VALLEY DETAIL



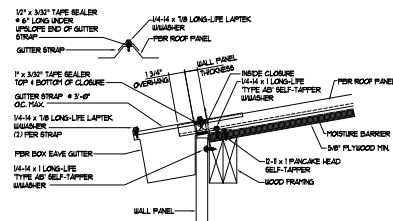
PBR FASTENER • RIDGE CAP



RAKE PARAPET OR SHEETED WALL

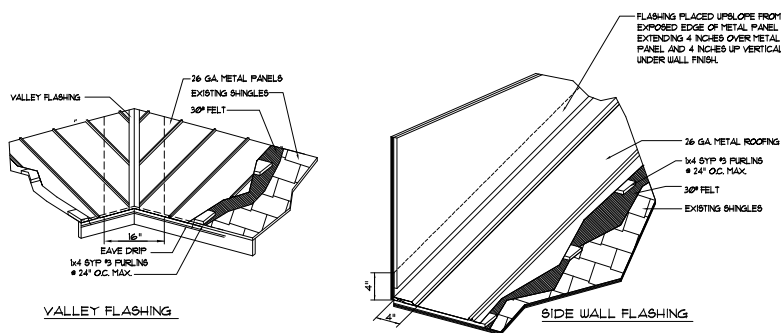


EAVE SEALANT DETAIL



EAVE WITH BOX EAVE GUTTER

TYPICAL PBR ROOFING DETAILS



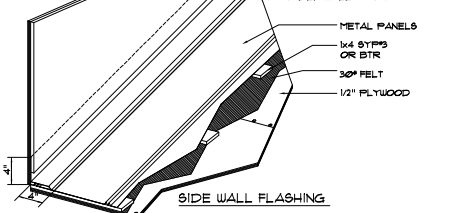
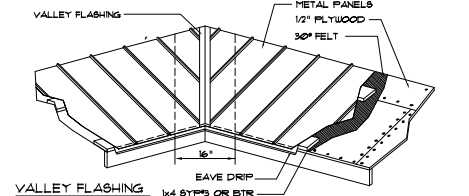
VALLEY FLASHING

RE-ROOFING OVER SHINGLES

— PBR Metal Roof Details —

Field "As-Built" Notes

5M-RIB METAL ROOFING PANELS ALTERNATE FASTENER SCHEDULE FOR VARIOUS WIND VELOCITIES							
MANUFACTURER'S RECOMMENDED FASTENER SCHEDULE FOR BUILDINGS W/ < 35' MEAN ROOF HEIGHT, MIN. 3/12 PITCH BASED ON ASCE 7-98, EXPOSURE 'C'							
ROOF ZONE	FASTENER TYPE	FASTENER SIZE	PLACEMENT TO	100 - 130 O/C SPACING	130 - 150 TRIM O/C SPACING	150 - 180 O/C SPACING	180 - 200 TRIM O/C SPACING
1	UD. SCREW	1/2" X 1 1/2"	WOOD	36"	18"	24"	12"
	MTL. SCR.	1/2" X 1 1/2"	1/4" X 1/8"	36"	18"	24"	12"
2 & 3	UD. SCREW	1/2" X 1 1/2"	WOOD	36"	18"	24"	12"
	MTL. SCR.	1/2" X 1 1/2"	1/4" X 1/8"	36"	18"	24"	12"



5M-RIB PANEL INSTALLATION NOTES

UNDERLAYMENT APPLICATION:
FOR ROOF SLOPES FROM 3/12 TO 4/12, UNDERLAYMENT SHALL BE A MIN. OF TWO LAYERS APPLIED AS FOLLOWS:
1. STARTING AT THE EAVE, A 19 INCH STRIP OF UNDERLAYMENT SHALL BE APPLIED PARALLEL WITH THE EAVE AND FASTENED SUFFICIENTLY TO STAY IN PLACE.
2. STARTING AT THE EAVE, 36 INCH WIDE STRIPS OF UNDERLAYMENT FELT SHALL BE APPLIED OVERLAPPING SUCCESSIVE SHEETS 19 INCHES AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

FOR ROOF SLOPES 4/12 AND GREATER, UNDERLAYMENT SHALL BE A MIN. OF ONE LAYER OF UNDERLAYMENT FELT APPLIED AS FOLLOWS:
STARTING AT THE EAVE, UNDERLAYMENT SHALL BE APPLIED SHINGLE FASHION PARALLEL TO THE EAVE, LAPPED 2 INCHES, AND FASTENED SUFFICIENTLY TO STAY IN PLACE.
OR ONE LAYER OF UNDERLAYMENT FELT APPLIED AS FOLLOWS:
STARTING AT THE EAVE, UNDERLAYMENT SHALL BE APPLIED SHINGLE FASHION PARALLEL TO THE EAVE, LAPPED 2 INCHES, AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

FOR ROOF SLOPES 4/12 AND GREATER, UNDERLAYMENT SHALL BE A MINIMUM OF ONE LAYER OF UNDERLAYMENT FELT APPLIED AS FOLLOWS:
STARTING AT THE EAVE, UNDERLAYMENT SHALL BE APPLIED SHINGLE FASHION PARALLEL TO THE EAVE, LAPPED 2 INCHES, AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

BASE AND CAP FLASHINGS:
BASE AND CAP FLASHINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE INSTALLATION INSTRUCTIONS. BASE FLASHING SHALL BE EITHER CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS 60/30 INCH OR MINERAL SURFACE ROLL ROOFING UNDER A MINIMUM OF 11 LBS PER 100 SQUARE FEET. CAP FLASHING SHALL BE CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS OF 60/30 INCH.

VALLEYS:
VALLEY LININGS SHALL BE INSTALLED IN ACCORDANCE WITH THE INSTALLATION INSTRUCTIONS BEFORE APPLYING ROOFING MATERIAL. VALLEY LININGS OF THE FOLLOWING TYPES SHALL BE PERMITTED:
1. OPEN VALLEYS LINED WITH METAL: THE VALLEY LINING SHALL BE AT LEAST 16" WIDE AND OF ANY OF THE CORROSION RESISTANT METAL IN PER TABLE PART 13.03.
2. OPEN VALLEYS: VALLEY LINING OF TWO PILES OF MINERAL SURFACE ROLL ROOFING SHALL BE PERMITTED. THE BOTTOM LAYER SHALL BE 16 INCHES AND THE TOP LAYER A MINIMUM OF 36 INCHES WIDE.
3. CLOSED VALLEYS: VALLEY LINING SHALL BE ONE OF THE FOLLOWING:
(BOTH TYPES 1 AND 2 ABOVE, COMBINED)
2. ONE PLY OF SMOOTH ROLL ROOFING AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 224.
3. SPECIALTY UNDERLAYMENT AT LEAST 36 INCHES WIDE & COMPLYING WITH ASTM D 1978.

DICK REQUIREMENTS:
METAL PANELS MUST BE FASTENED TO MIN. 5/8" CDX PLYWOOD.
SLOPE:
METAL PANELS SHALL BE USED ONLY ON ROOF SLOPES OF 3/12 OR GREATER.
CALCULATIONS:
MUST BE APPROVED BY THE MANUFACTURER, BUTYL SEALANT SUPPLIED IN TUBE OR GUN-GRADE FOR METAL PANELS.
FASTENERS:
FASTENERS FOR METAL PANELS SHALL BE GALVANIZED WOOD FAST SCREWS MIN. OF 1/2" X 1 1/2" HEX HEAD.
BASE AND CAP FLASHINGS:
BASE AND CAP FLASHINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE INSTALLATION INSTRUCTIONS.

— 5M-Rib Metal Roof —

REVISION:

DRAWN:

DJR

COMMERCIAL RE-ROOFING - ADDITION FOR:

Palm Medical Group East

LAKE CITY, COLUMBIA COUNTY, FLORIDA

Typical Metal Roof Details

DAVID J. ROYAL

ARCHITECT

LAKE CITY, FLORIDA • 404.726.4444

DATE:

07/26/2022

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REVISION:

07/26/2022

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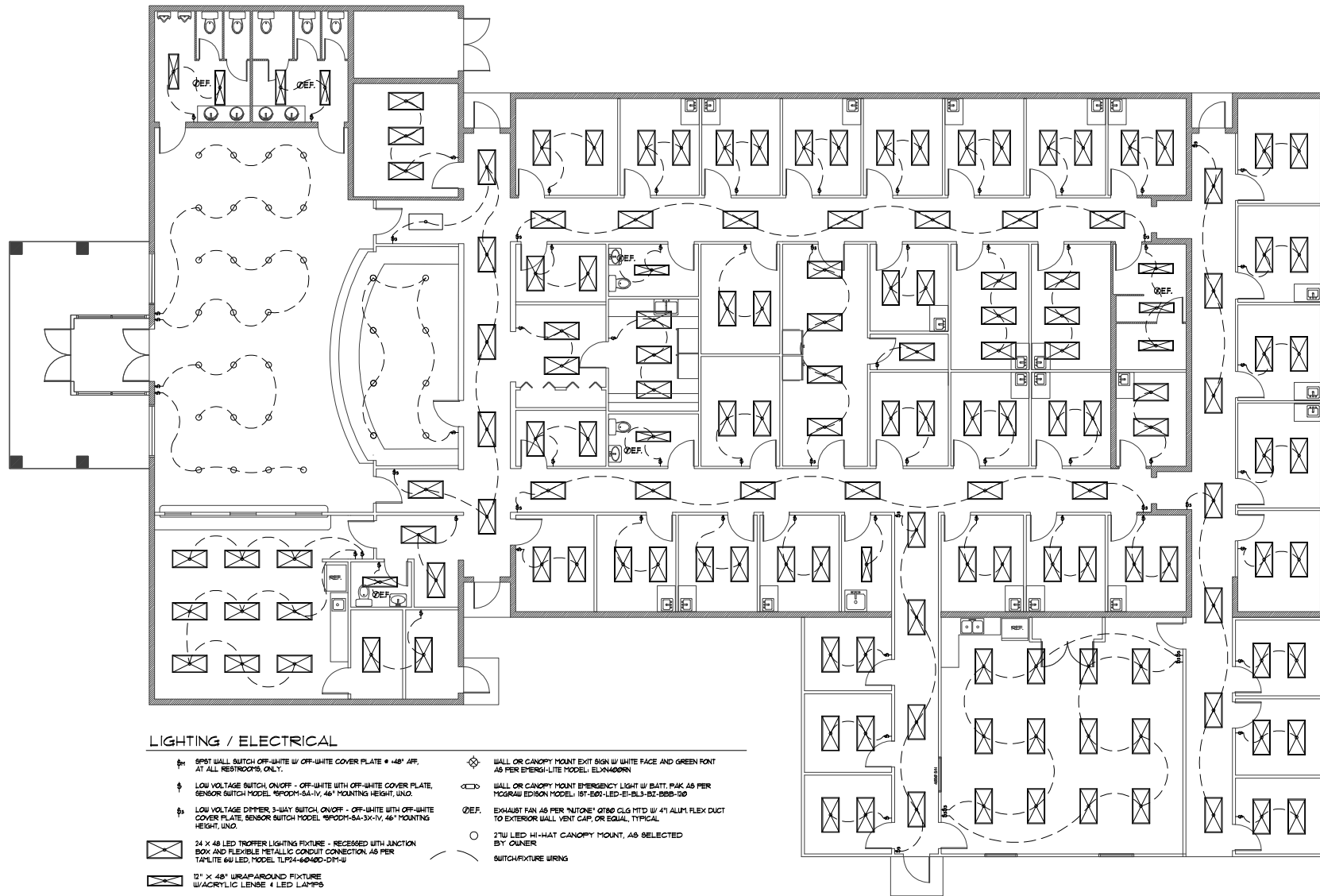
REVISION:

07/26/2022

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Lighting PLAN **PMG Medical Facility Renovation**

SCALE: 3/16" = 1'-0"

Notally signed by N.
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 GEISLER & ASSOCIATES
 ARCHITECT
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N.P.
 GEISLER
 ER

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SHEET:
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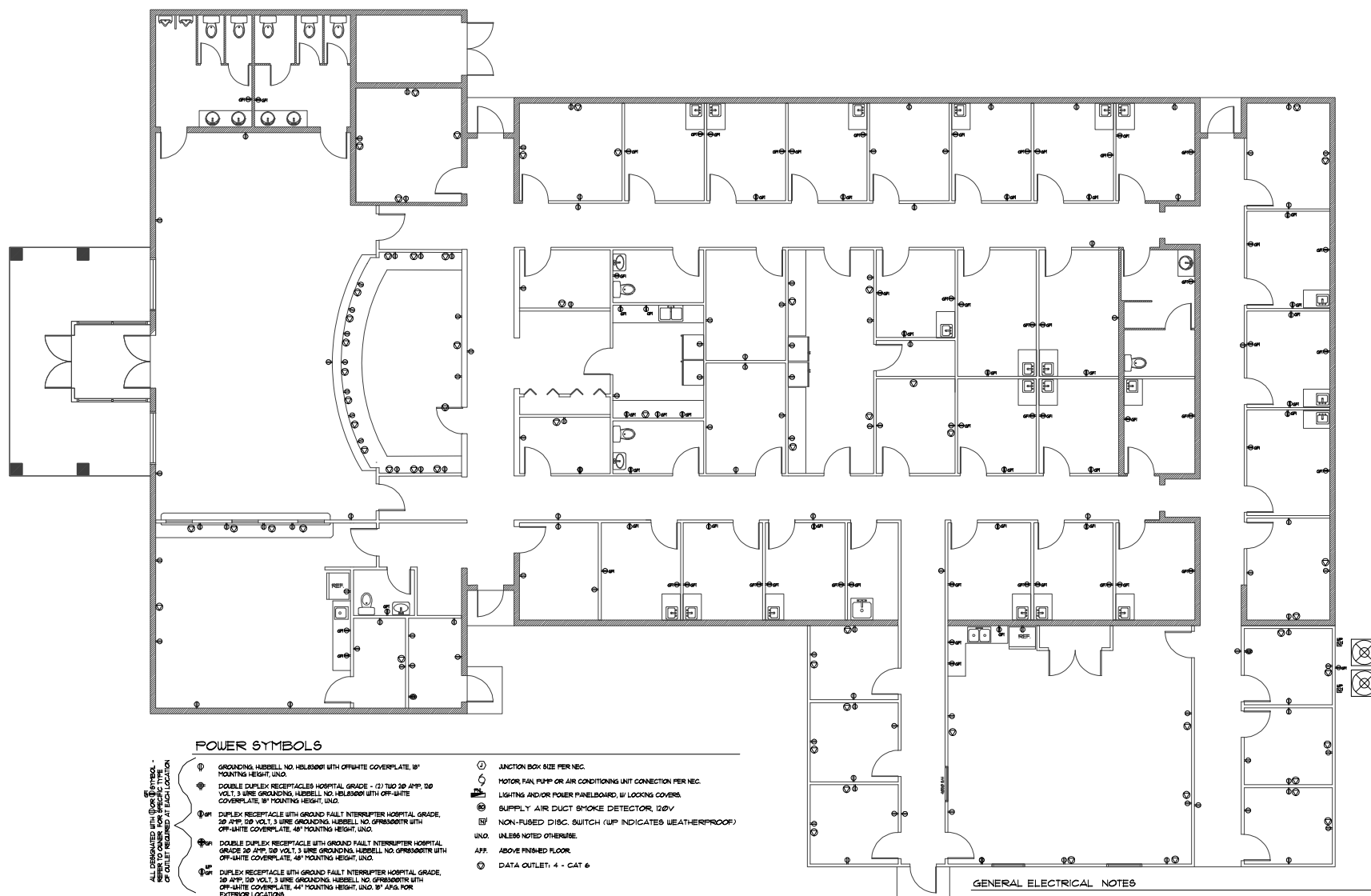
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COMMERCIAL, RE-MODEL, 4 ADDITION FOR:
Palm Medical Group East
 LAKE CITY, COVADIA COUNTY, FLORIDA
Medical Lighting Plan

DRAWN:
 DJR

REVISION:



Electrical PLAN

PMG Medical Facility Renovation

SCALE: 3/16" = 1'-0"

POWER SYMBOLS

- | | | |
|---|---|---|
| <p>1. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE 2017 NATIONAL ELECTRICAL CODE (NEC) AND THE 2017 CALIFORNIA ELECTRICAL CODE (CEC).</p> <p>2. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE 2017 CALIFORNIA ELECTRICAL CODE (CEC) AND THE 2017 NATIONAL ELECTRICAL CODE (NEC).</p> | <p>① GROUNDING, HAZELNUT NO. HSL800001 WITH OFFSHORE COVERPLATE, 36" MOUNTING HEIGHT, UNDO.</p> | <p>② ANCHOR BOLT ASIDE PER NEC.</p> |
| | <p>③ DOUBLE DUPLEX RECEPTACLE HORIZONTAL GRADE - (2) TWO 30 AMP 120 VOLT LINE GROUNDING, HAZELNUT NO. HSL800001 WITH OFFSHORE COVERPLATE, 36" MOUNTING HEIGHT, UNDO.</p> | <p>③ MOTOR FAN PUMP OR AIR CONDITIONING UNIT CONNECTION PER NEC.</p> |
| | <p>④ 1" DUPLEX RECEPTACLE WITH GROUND FAULT INTERRUPTER HORIZONTAL GRADE, 36" AMP 120 VOLT, 1 LINE GROUNDING, HAZELNUT NO. HSL800001 WITH OFFSHORE COVERPLATE, 44" MOUNTING HEIGHT, UNDO.</p> | <p>④ SUPPLYING AND/OR POWER PANELBOARD, 15 LOADS, COOKING, LIGHTING, AIR DUCT SMOKE DETECTOR, 120V.</p> |
| | <p>⑤ DOUBLE DUPLEX RECEPTACLE WITH GROUND FAULT INTERRUPTER HORIZONTAL GRADE, 30 AMP 120 VOLT, 1 LINE GROUNDING, HAZELNUT NO. HSL800001 WITH OFFSHORE COVERPLATE, 44" MOUNTING HEIGHT, UNDO.</p> | <p>⑤ NON-FUSED DISC. SWITCH (UP INDICATES WEATHERPROOF) UNDO, UNLESS NOTED OTHERWISE.</p> |
| | <p>⑥ 1" DUPLEX RECEPTACLE WITH GROUND FAULT INTERRUPTER HORIZONTAL GRADE, 30 AMP 120 VOLT, 1 LINE GROUNDING, HAZELNUT NO. HSL800001 WITH OFFSHORE COVERPLATE, 44" MOUNTING HEIGHT, UNDO. 36" AMP, 120 VOLT, 1 LINE GROUNDING, HAZELNUT NO. HSL800001 WITH OFFSHORE COVERPLATE, 44" MOUNTING HEIGHT, UNDO.</p> | <p>⑥ DATA OUTLET, 4 - CAT 6.</p> |

GENERAL ELECTRICAL NOTES

1. INSTALLATION SHALL BE PER LATEST NAT'L. ELECTRIC CODE.
2. TURN ALL APPLIANCES, HVAC UNITS, AND OTHER EQUIPMENT OFF PRIOR TO ANY ELECTRICAL WORK.
3. CONSULT THE OWNER FOR THE NUMBER OF SEPARATE TELEPHONE LINES TO BE INSTALLED.
4. ALL WIRE SPOKE DISTRIBUTION SHALL BE 100% BY BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERLOCKED TOGETHER.
5. TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNERS DIRECTIONS, & IN ACCORDANCE W/ APPLICABLE SECTIONS OF NEC LATEST EDITION.
6. ALL RECEPTACLS, NOT OTHERWISE DESIGNATED, SHALL BE AND GROUND INTERRUPTER TYPE, EXCEPT DEDICATED RECEPTACLS.
7. ALL RECEPTACLS IN NET AREAS SHALL BE GROUND PLUG INTERRUPTER TYPE (GFI).
8. ALL EXTERIOR RECEPTACLS SHALL BE WEATHER-PROOF GROUND PLUG INTERRUPTER TYPE (WGFPI).

N.P. GEISLER
DN/CN = N. P. GEISLER C = US O = AR0007005 OU = ARCHITECT
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Date: 2022.02.08 16:56:19 -0500

REVISION:

DRAIN:

DJR

COMMERCIAL RE-MODEL & ADDITION FOR:
Palmes Medical Group East
LAKE CITY, COLUMBIA COUNTY, FLORIDA
Medical Power Plan



DAVID J. ROYAL
ARCHITECTURAL DESIGNER
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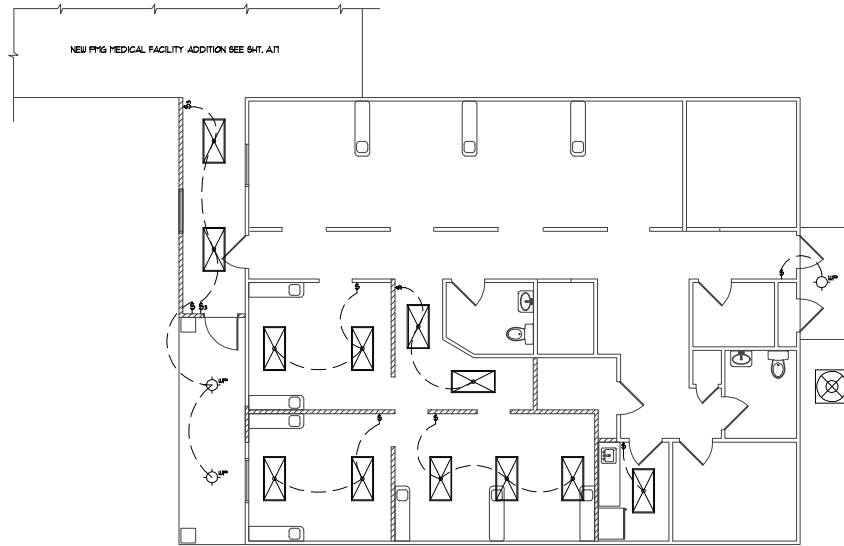
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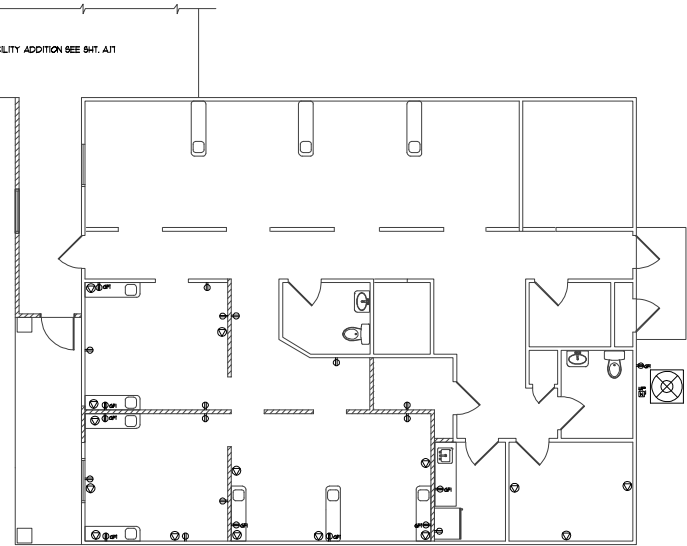
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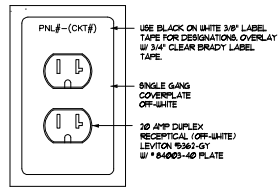
Lighting PLAN PMG Dental Facility Renovation

SCALE: 3/16" = 1'-0"



Power PLAN PMG Dental Facility Renovation

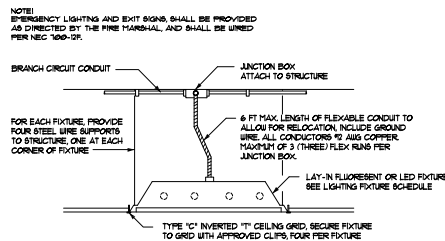
SCALE: 3/16" = 1'-0"



PNL# = Identifying Tag of the Panel
CKT# = Identifying Number of the Circuit
NOTE:
INSTALL DUPLEX RECEPTACLE AS INDICATED,
POSITIONED WITH THE GROUND HOLE DOWN.

Outlet
Identification DETAIL
SCALE: NONE

4



TYP. LAY-IN FIXTURE DETAIL
SCALE: NONE

5

NEW PMG. OFFICE ADDITION LOAD / SERVICE CALCULATION:

RECEPTABLES - 31 @ 180W	6660 W
FLAT PANEL LED TROFFER - 34 @ 40W	1360 W
REFRIGERATOR	1500 W
EMERGENCY LIT - 2 @ 50W	100 W
HVAC SYSTEM #1 (4 TON)	8000 W
HVAC SYSTEM #2 (4 TON)	8000 W
HVAC AIR HANDLERS (2)	16000 W
SUB-TOTAL LOAD:	27220 W
+ 25% L.M.	34025 W
TOTAL CONNECTED LOAD:	71938 W

ELECTRICAL PLAN NOTES

1. WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUF. SPECIFICATIONS.
2. CONSULT THE OWNER FOR THE NUMBER OF SEPARATE TELEPHONE LINES TO BE INSTALLED.
3. ALL RECEPTABLES IN BATHROOMS, KITCHENS AND EXTERIOR LOCATIONS SHALL BE ON GROUND FAULT INTERRUPTER CIRCUITS (GFCI).
4. INSTALLATION SHALL BE PER NAT'L. ELECTRIC CODE.
5. ALL SMOKE DETECTORS SHALL BE 120V W/ BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERLOCKED TOGETHER.
6. TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S DIRECTIONS, & IN ACCORDANCE W/ APPLICABLE SECTIONS OF NEC-LATEST EDITION.

Lighting Controls.
Lighting systems shall be provided with controls as specified in Sections below.
Exception: Lighting controls are not required for the following:
1. Areas designated as security or emergency areas that are required to be continuously lighted.
2. Interior exit stairwells, interior exit ramps and exit passageways.
3. Emergency egress lighting that is normally off.

Occupant Sensor Controls.
Occupant sensor controls shall be installed to control lights in the following space types:
1. Conference/meeting/multipurpose rooms.
2. Copy/print rooms.
3. Lounges.
4. Employee lunch and break rooms.
5. Private offices.
6. Restrooms.
7. Storage rooms/building services rooms.
8. Janitorial closets/building maintenance rooms.

Occupant Sensor Control Function.
Occupant sensor controls in spaces other than warehouses specified above shall comply with the following:
1. Automatically turn off lights within 30 minutes of all occupants leaving the space.
2. Be manual on or controlled to automatically turn the lighting on to not more than 50 percent power.
Exception: Full automatic-on controls shall be permitted to control lighting in public corridors, stairwells, restrooms, primary building entrance areas and lobbies, and areas where manual-on operation would endanger the safety or security of the room or building occupants.
3. Shall incorporate a manual control to allow occupants to turn lights off.

NOTE!
UNLESS INDICATED OTHERWISE, ALL CAT & DATA LINES SHALL TERMINATE AT THE IT ROOM W/ INDIVIDUAL CONDUIT RUNS - REFER TO OWNER AS TO MANNER AND EXACT LOCATION OF TERMINATIONS

NOTE!
SMOKE DETECTORS SHALL BE MOUNTED NOT LESS THAN 80" ABOVE FINISHED FLOOR AND SHALL BE THE IONIZATION TYPE, INTERLOCKED TOGETHER, POWERED FROM HOUSE PANEL W/BATTERY BACKUP.

NOTE!
TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S DIRECTIONS, & IN ACCORDANCE W/ APPLICABLE SECTIONS OF NEC-LATEST EDITION

NOTE!
PROVIDE 2 EMPTY 2" CONDS FOR COMMUNICATION SERVICES REFER TO OWNER FOR TERMINATION REQUIREMENTS

NOTE!
ALL EMPTY CONDUITS SHALL BE EQUIPPED WITH A FULL WIRE

NOTE!
EMERGENCY LIGHTING AND EXIT SIGNS SHALL BE PROVIDED AS DIRECTED BY THE FIRE MARSHAL, AND SHALL BE WIRED PER NEC 100-10.

NOTE!
UNLESS INDICATED OTHERWISE, ALL RECEPTABLES SHALL BE LOCATED 18" ABV. FIN FLOOR
NOTE!
ALL RECEPTABLES DESIGNATED WITH (1) OR (2) SYMBOL - REFER TO OWNER FOR SPECIFIC TYPE OF OUTLET REQUIRED AT EACH LOCATION - SEE SYMBOL LEGEND, ABOVE

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COMMERCIAL, RESIDENTIAL & ADDITION FOR:
Palm Medical Group East
LAKE CITY, COLUMBIA COUNTY, FLORIDA
Dental Lighting & Power Plan

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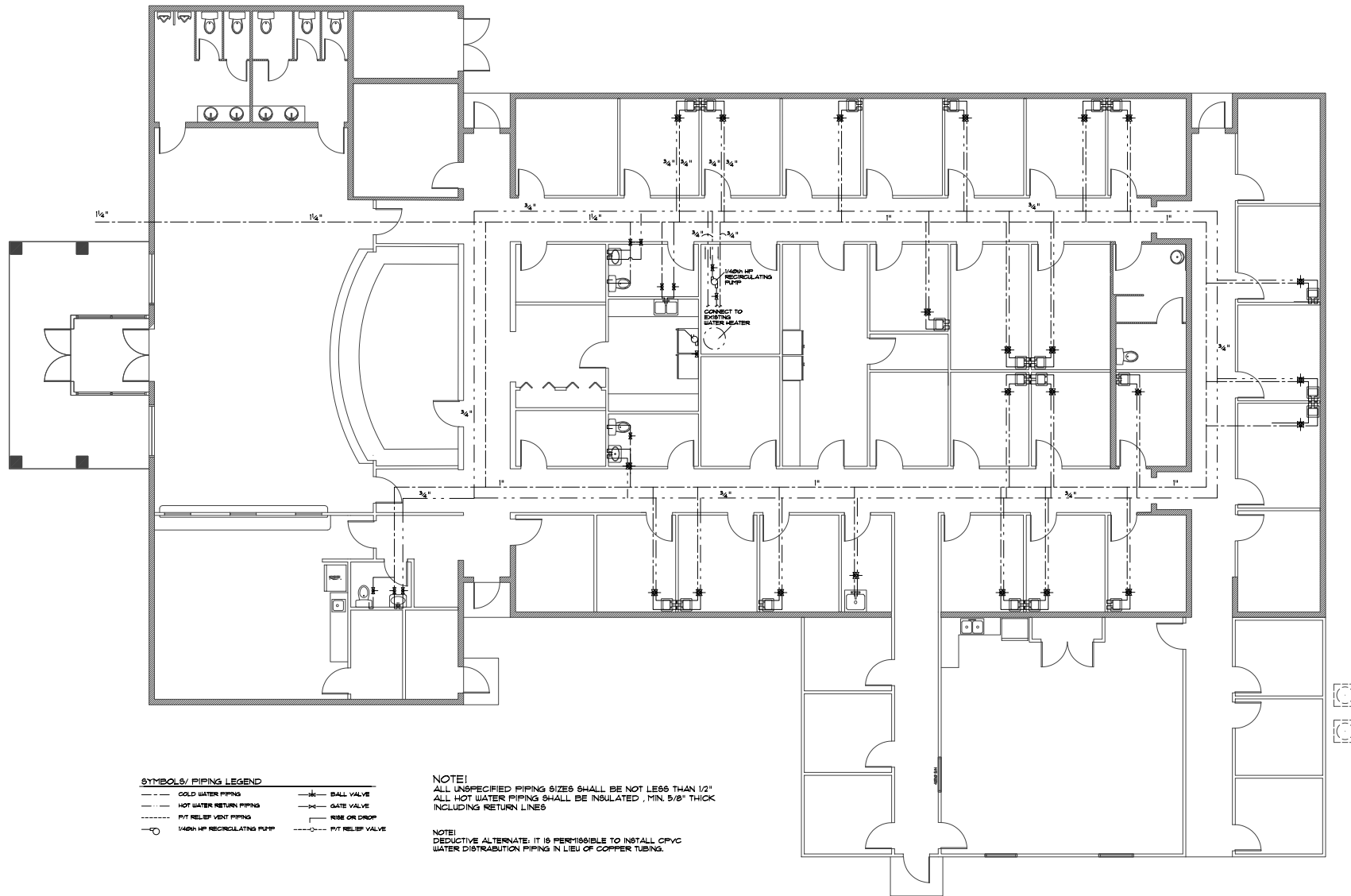
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SYMBOLS/ PIPING LEGEND

— COLD WATER PIPING	— BALL VALVE
— HOT WATER RETURN PIPING	— GATE VALVE
— PVT RELIEF VENT PIPING	— RISE OR DROP
— 1/400 HP RECIRCULATING PUMP	— PVT RELIEF VALVE

NOTE!
ALL UNSPECIFIED PIPING SIZES SHALL BE NOT LESS THAN 1/2"
ALL HOT WATER PIPING SHALL BE INSULATED, MIN. 5/8" THICK
INCLUDING RETURN LINES

NOTE!
DEDUCTIVE ALTERNATE: IT IS PERMISSIBLE TO INSTALL CPVC
WATER DISTRIBUTION PIPING IN LIEU OF COPPER TUBING.

Water Distribution PLAN PMG Medical Facility Renovation

SCALE: 3/16" = 1'-0"

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P 3
25 OF 29

DATE:
07FEB2022

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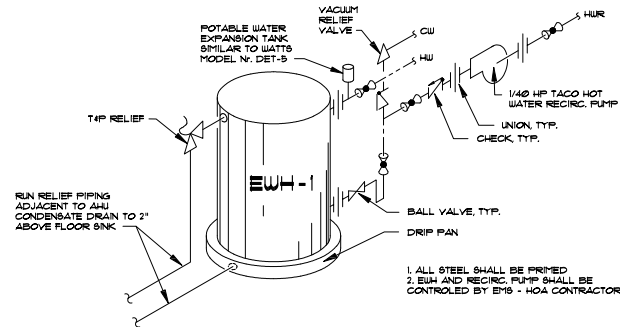
COMMERCIAL RE-MODEL, 4 ADDITION FOR:
Palm Medical Group East
LAKE CITY, FLORIDA
Water Distribution Plan

DRAWN:
DJR

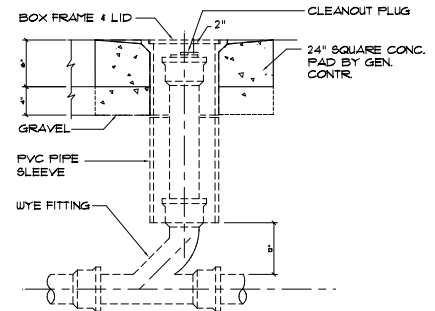
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FIELD "AS-BUILT" NOTES

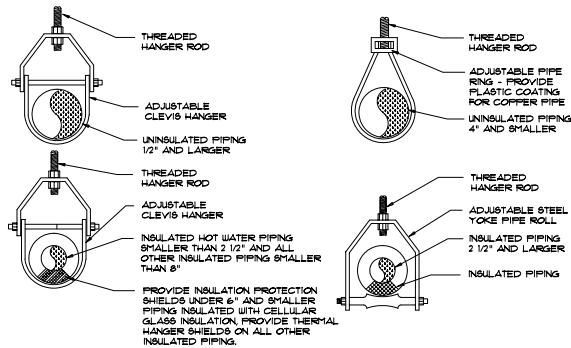
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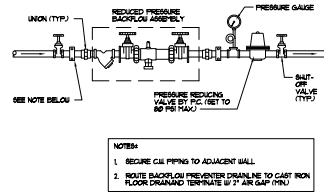
WATER HTR W/ RECIRC. PUMP DETAIL 9
NOT TO SCALE



Outdoor Cleanout DETAIL 10
N.T.S.



PIPING HANGER DETAILS 11
NOT TO SCALE



BACKFLOW PREVENTOR DETAIL 12
NOT TO SCALE

REVISION:

DRAWN:
DJR

COMMERCIAL RE-MODEL & ADDITION FOR:
Palm Medical Group East
LAKE CITY, COULMA COUNTY, FLORIDA
Typ. Plumbing Details

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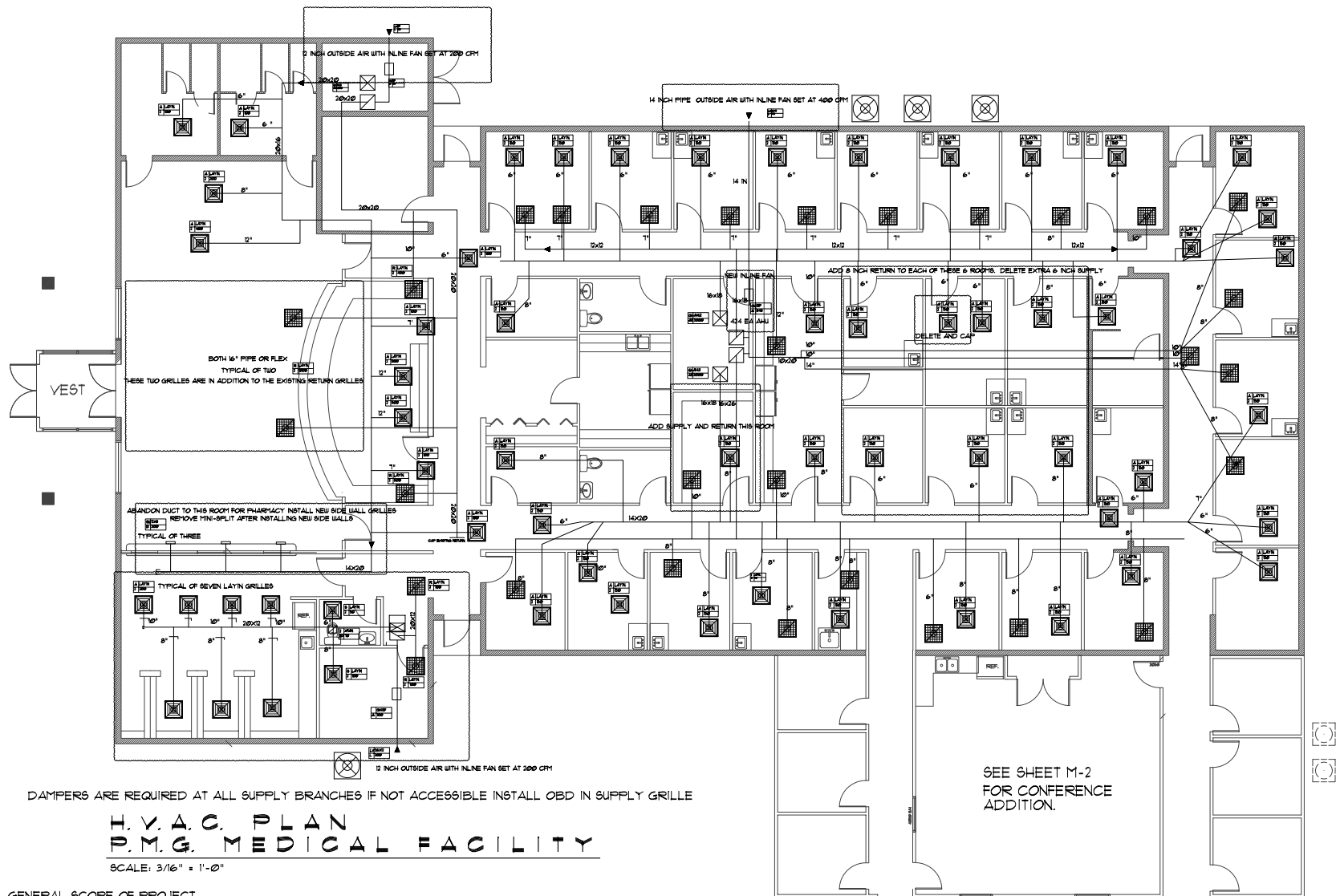
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NICHOLAS
SAUL
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DATE:
07FEB2022

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Designed by: N.P. GEISLER
Checked by: P. GEISLER
Date: 07FEB2022
Project: 2022.02.05.15.05
3/2/2022

AR0007005



DAMPERS ARE REQUIRED AT ALL SUPPLY BRANCHES IF NOT ACCESSIBLE INSTALL OBD IN SUPPLY GRILLE

H.V.A.C. PLAN P.M.G. MEDICAL FACILITY

SCALE: 3/16" = 1'-0"

GENERAL SCOPE OF PROJECT

IN LOBBY INSTALL TWO NEW RETURN GRILLES AND SIDEWALL GRILLES FROM ABOVE NEW PHARMACY. IN LOBBY REMOVE DUCTLESS SPLIT AFTER THE SIDEWALL GRILLES HAVE BEEN INSTALLED AND OPERATIONAL FOR LOBBY COOLING. ALSO INSTALL NEW INLINE SUPPLY FAN FOR OUTSIDE AIR. IN EXAM ROOMS MOVE THE GRILLES AS NEEDED WHERE THE OLD CONFERENCE ROOM IS CHANGED TO EXAM ROOMS. ALSO INSTALL NEW INLINE FAN FOR OUTSIDE AIR. IN NEW PHARMACY INSTALL NEW AC UNIT, DUCTWORK, AND GRILLES AS SHOWN ALONG WITH DUCT WORK AND INLINE FAN FOR OUTSIDE AIR. IN PHARMACY AREA ALL THE SUPPLY DUCT TO THE PHARMACY AREA FROM LOBBY/OFFICE UNIT WILL BE CAPPED AND DIVERTED TO SIDE WALL FOR LOBBY. THE NEW CONFERENCE WILL ALL BE NEW AS SHOWN ON PLANS WITH COMPLETE INSTALLATION OF NEW UNITS, DUCTWORK AND GRILLES AND CONTROLS INCLUDING SMOKE DETECTORS. THE DENTAL FACILITY WITH HAVE THE DUCTWORK MOVED AND OR INSTALLED AS SHOWN. THE EXISTING 5 TON AHU WILL HAVE THE EXISTING RETURN DUCT TO CLOSET INCREASED TO MINIMUM 3000 SQUARE INCHES WITH RETURN GRILLES TO 16 INCH ROUND TO THE NEW DUCT WORK. THE DOOR TO THE AHU UNIT WILL HAVE A LOUVER TYPE RETURN GRILLE INSTALLED IN DOOR. THE LOUVER GRILLE IN DOOR WILL - A MINIMUM 2000 METALAIR DGDF FOR ADDITIONAL RETURN AIR TO THE EXISTING DENTAL 5 TON UNIT.

THIS IS A GENERAL SCOPE OF WORK ALL ITEMS NOT INCLUDED. ALL WORK MUST BE TO CODE AND INSTALLED IN A WORKMANLIKE MANNER. ALL NEW DUCT WORK TO BE INSTALLED METAL DUCT WORK AND FLEX. NO DUCTBOARD TO BE USED ON THIS REMODEL. ALL COMPONENTS MUST BE INSTALLED IN A LEVEL AND FLUID MANNER WITHOUT EXCESSIVE DIPS AND RISES. MOST OF THE EXISTING EQUIPMENT IS AMERICAN STANDARD. IT IS ACCEPTABLE TO USE THAT IN LIEU OF CARRIER IF APPROVED BY OWNER. ALL NEW AIR HANDLERS IF IN THAT SIZE AVAILABLE MUST HAVE VARIABLE SPEED AIR HANDLER FOR THE NEW UNITS.

REVISION:

DRAWN:

DJR

COMMERCIAL RE-MODEL - ADDITION FOR:
Palm Medical Group East
LAKE CITY, COLIFIA COUNTY, FLORIDA
H.V.A.C. LAYOUT - MEDICAL

DAVID J. ROYAL
LAKE CITY, FLORIDA
LAKE CITY, FLORIDA

ARDIS MECHANICAL
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Branford, FL 32008

DATE:

07FEB2022

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27 of 29



REVISION:

DRAWN:
DJR

COMMERCIAL, RESIDENTIAL & ADDITION FOR:
Palm Medical Group East
LAKE CITY, FLORIDA
H.V.A.C. LAYOUT - DENTAL

DAVID J. ROYAL
ARCHITECT
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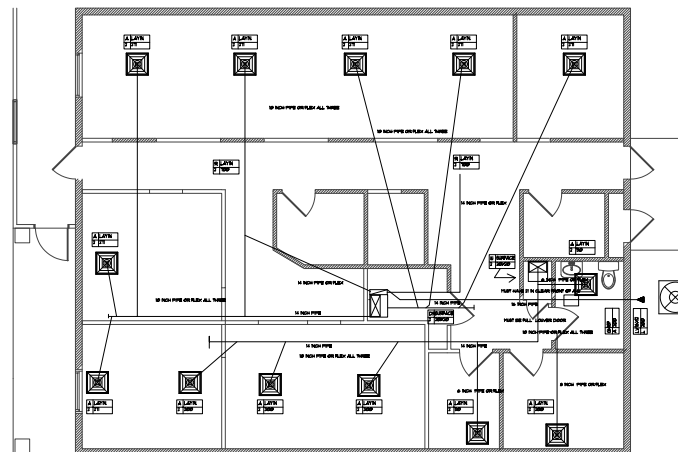
ARDIS MECHANICAL
14832 NE Highway 349
Branford, FL 32008

DATE:

07/20/2022

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M.3
29 of 29

APPROVED FOR CONSTRUCTION
STATE OF FLORIDA
REGISTERED PROFESSIONAL ENGINEER



DAMPERS ARE REQUIRED AT ALL SUPPLY BRANCHES IF NOT ACCESSIBLE INSTALL OBD IN SUPPLY GRILLE

H.V.A.C. PLAN P.M.G. DENTAL FACILITY

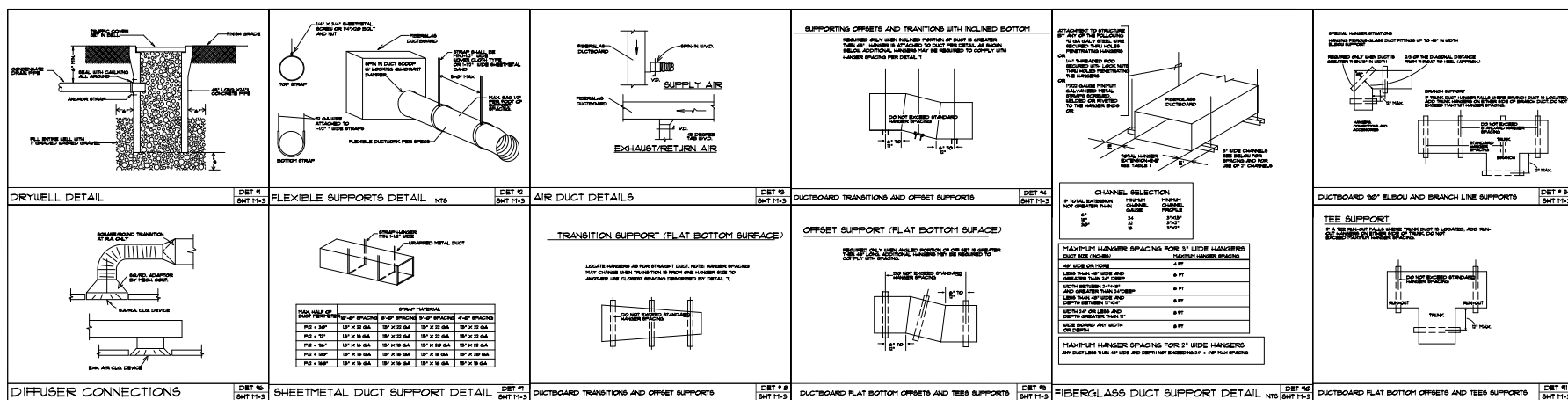
SCALE: 3/16" = 1'-0"

GENERAL H.V.A.C. NOTES:

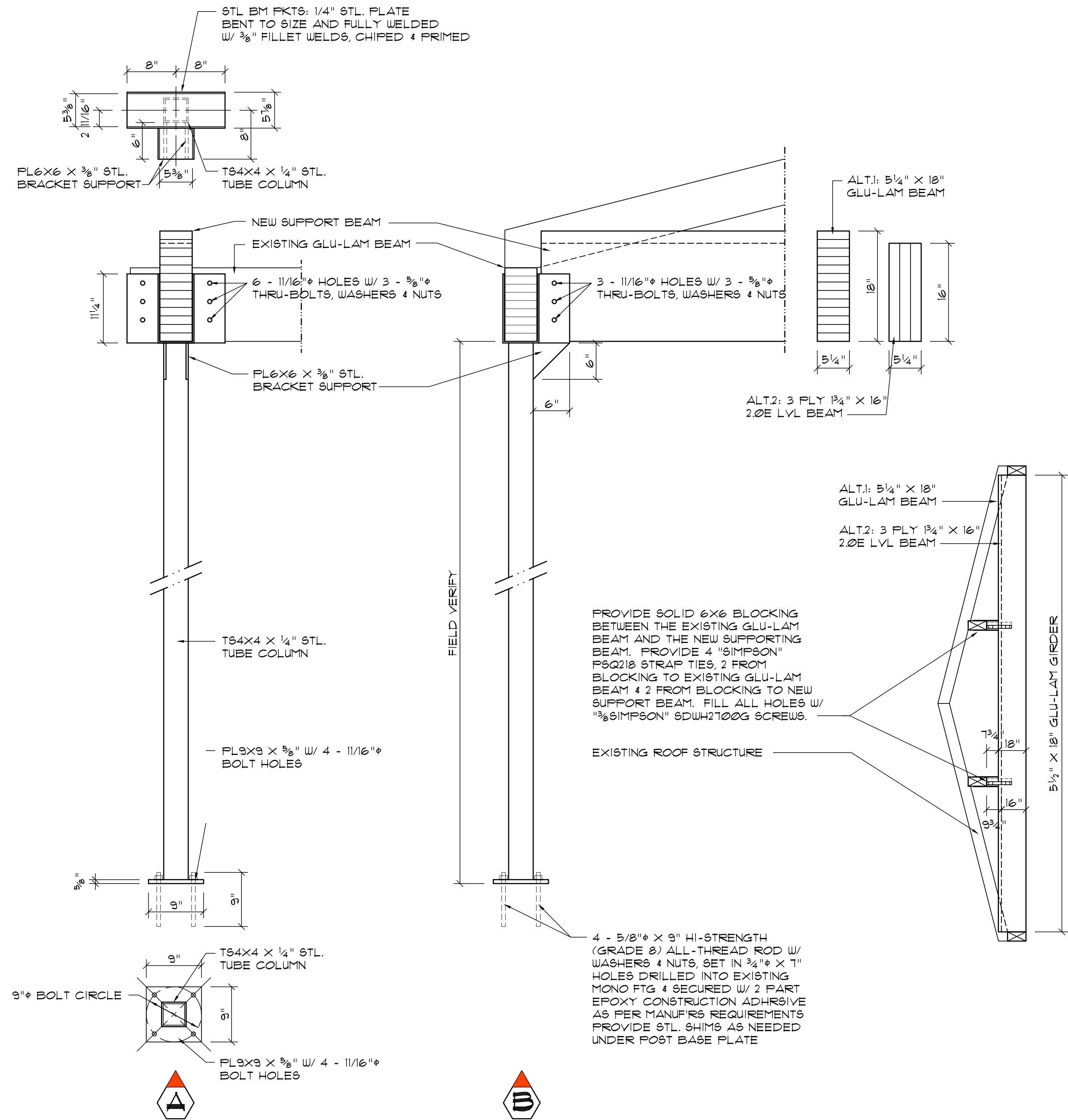
- SUB-CONTRACTORS PROVIDING HVAC INSTALLATION SHALL BE SUBJECT TO THE PROVISIONS OF NOTES 1 THRU 8 GENERAL NOTES.
- HVAC SUB-CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, TOOLS AND EQUIPMENT TO INSTALL A COMPLETE OPERATING HVAC SYSTEM.
- HVAC SYSTEM SHALL BE AS DETAILED IN THE PLANS (IF INCLUDED), OR SHALL BE AS DIRECTED BY THE OWNER IN CONSULTATION WITH THE HVAC SUB-CONTRACTOR.
- HVAC SUB-CONTRACTOR SHALL FURNISH SHOP DRAWINGS FOR DUCTWORK, CONDENSING UNIT, AIR HANDLER, EXHAUST FANS AND AIR DEVICES.
- IT IS THE HVAC SUB-CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH NEPA-NSHA AND ALL APPLICABLE CODES.
- FLEXIBLE DUCT SHALL BE FULLY ANNEALED CORRUGATED ALUMINUM 1/4 LB. DENSITY FIBERGLASS INSULATION AND SHALL BE UL LISTED SHEET METAL DUCT SHALL BE LINED WITH FIBERGLASS INSULATION 1/4 LB. DENSITY FIBERGLASS INSULATION. ALL FIBERGLASS DUCT SHALL BE FOLDED, RAZOR DUCTBOARD.
- ALL EXHAUST AND OUTSIDE AIR DUCT SHALL BE GALVANIZED SHEET METAL, CONTRACTED AND INSTALLED IN ACCORDANCE WITH ASHRAE AND SMACNA STANDARDS.
- ALL AIR DEVICES SHALL BE OF ALUMINUM CONSTRUCTION FOR WALL AND CEILING APPLICATIONS AND STEEL CONSTRUCTION IN FLOOR APPLICATIONS. ACCEPTABLE MANUFACTURERS SHALL BE TITUS, METALAIR, NALORHART, HART & COOLE OR AS DIRECTED BY THE OWNER.
- IF REQUIRED BY THE OWNER THE HVAC SUB-CONTRACTOR SHALL SUPPLY A TEST AND BALANCE REPORT IN ACCORDANCE WITH AIR BALANCE COUNCIL STANDARDS, SIGN AND SEALED BY A REGISTERED ENGINEER.
- HVAC SUB-CONTRACTOR SHALL SUPPLY ALL CONTRACTORS, RELAYS, AND THERMOSTATS. THE ELECTRICAL SUB-CONTRACTOR SHALL PROVIDE ALL SWITCHES, DISCONNECTS, & CONTROL WIRING. THERMOSTATS SHALL BE APPROVED BY THE EQUIPMENT TRUCK.
- ALL DUCT SIZES INDICATED IN THE PLANS (IF INCLUDED) ARE NET INSIDE DIMENSIONS.
- ALL EQUIPMENT SHALL BE FULLY WARRANTED FOR 1 YEAR AND THE COMPRESSORS SHALL BE WARRANTED 5 YEARS FROM DATE OF FINAL ACCEPTANCE BY THE OWNER.
- ALL WORK IN THIS TRADE SHALL BE COORDINATED WITH ALL OTHER TRADES SO AS TO AVOID CONFLICTS OR HINDERANCE TO COMPLETION OF THE JOB.
- CONDENSATE DRAIN PIPING SHALL BE INSULATED WITH 1/2" THICK ARMYLUX INSULATION.
- FILTERS SHALL BE DISPOSABLE TYPE AND HAVE INITIAL SHAPE WEIGHT RESISTANCE OF 10% AND A CLEAN PRESSURE DROP OF 0.5, PROVIDE 2 SETS, ONE DURING CONSTRUCTION AND ONE FOR USE AT FINAL ACCEPTANCE.
- HVAC SUB-CONTRACTOR SHALL PROVIDE & INSTALL ALL NECESSARY OFFSETS, TRANSITIONS & BENDS REQUIRED TO PROVIDE A COMPLETE SYSTEM AT NO ADDITIONAL COST TO THE OWNER.
- IT IS THE RESPONSIBILITY OF THE HVAC SUB-CONTRACTOR TO COORDINATE LOCATION OF CEILING DIFFUSERS, GRILLES AND REGISTERS IN THE FIELD WITH THE ELECTRICIAN LIGHTS AND ARCHITECTURAL ELEMENTS.
- COORDINATE WITH THE ELECTRICIAN PARTICULARLY ELECTRICAL NOTE NO. 28 TO ASSURE SUITABLE SIZES OF BREAKERS, SWITCHES AND WIRING.

DUCTWORK

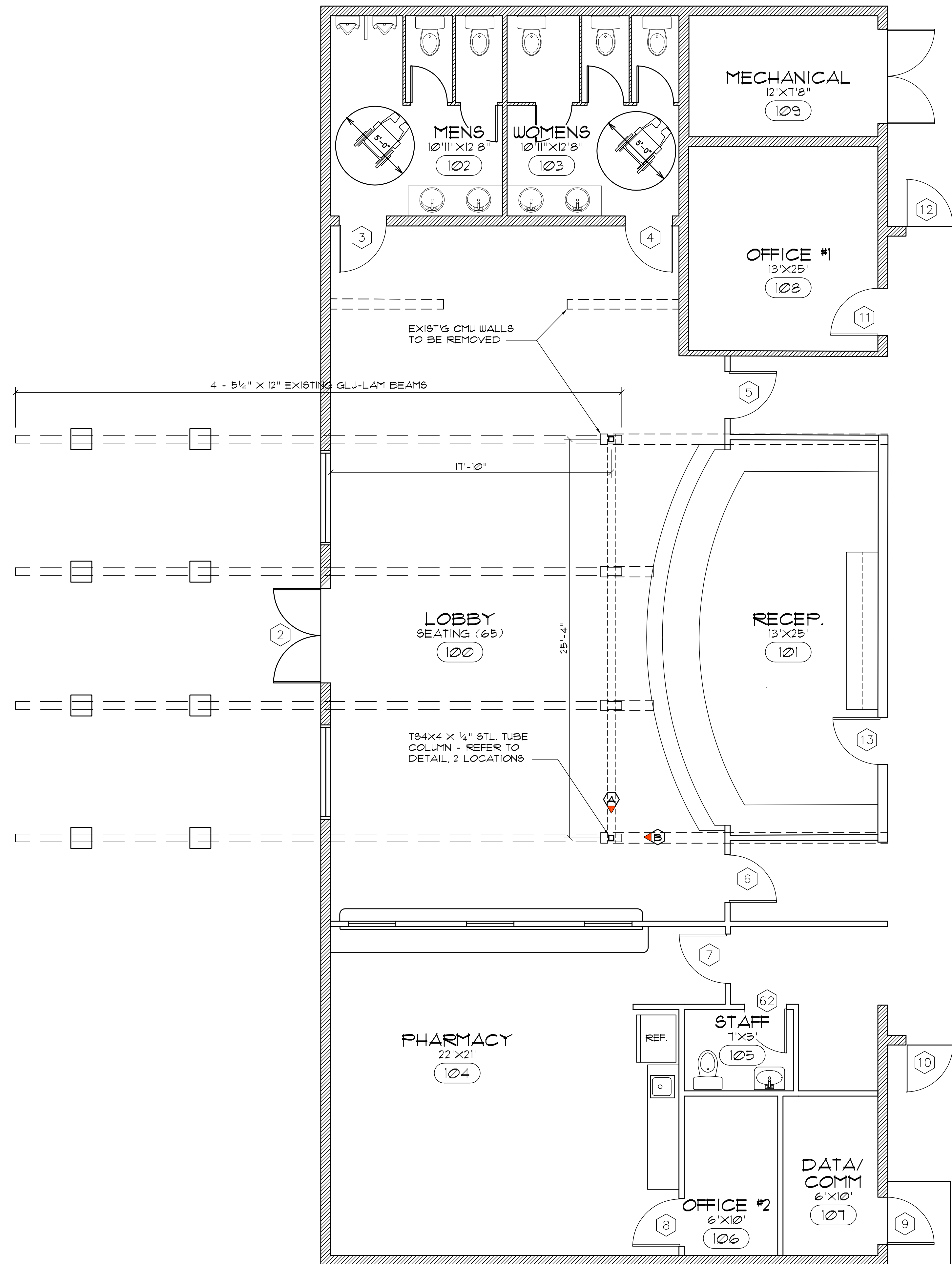
- DUCTWORK SHALL BE RIGID POLYESTER RIGID FIBERGLASS OR RIGID POLYESTER RIGID FIBERGLASS IN ATTIC AREAS FOR ALL MAIN TRUNK LINES WITH FOLDED FLEXIBLE DUCT FOR ALL BRANCH DROPS.
 - ALL TURNING VANES, EXTRACTORS AND DAMPERS SHALL BE INCLUDED AND SHALL BE FABRICATED FROM 1/4" SHEET METAL.
 - ALL JOINTS IN DUCTWORK SHALL BE LAP JOINTS IN THE DIRECTION OF FLOW AND SEALED WITH POLYESTER DUCT TAPE.
- ### SUPPLY DIFFUSERS / RETURN GRILLES
- AIR DEVICES SHALL BE CONSTRUCTED OF PAINTED STEEL FOR ALL FLOOR REGISTERS AND ANODIZED ALUMINUM FOR ALL WALL AND CEILING LOCATIONS.
 - DIFFUSERS SHALL HAVE OPERABLE DAMPERS WITH CURVED BLADES ADJUSTABLE VANES IN ALL WALL & CEILING APPLICATIONS, AND OPERABLE BLADE DAMPERS IN FLOOR LOCATIONS.
 - RETURN AIR GRILLES SHALL BE CONSTRUCTED OF PAINTED STEEL FOR ALL FLOOR LOCATIONS AND ANODIZED ALUMINUM FOR ALL WALL & CEILING LOCATIONS.
 - RETURN AIR GRILLES SHALL HAVE AN OPERABLE FACE WITH A FILTER HOLDER INCLUDED.



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COLUMN / BEAM DETAIL
SCALE: 1" = 1'-0"



RE-SUPPORT PLAN
SCALE: 1/4" = 1'-0"

REVISION:

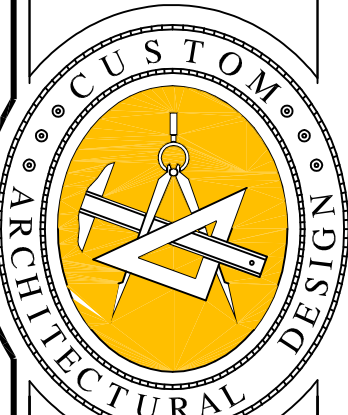
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N.P. Geisler, Architect

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138

PROJECT
PALMS MEDICAL GROUP EAST
LAKE CITY, FLORIDA
NEW SUPPORT DETAILS

Celebrating
50 Years of Service
1972 - 2022
N.P. Geisler, Architect
AR0007005



**NICHOLAS
PAUL
GEISLER
ARCHITECT**

N3

1758 NW Brown Rd.
Lake City, FL 32055
386-365-4355

DATE:

25 SEP 2022

COMM:

2K2252

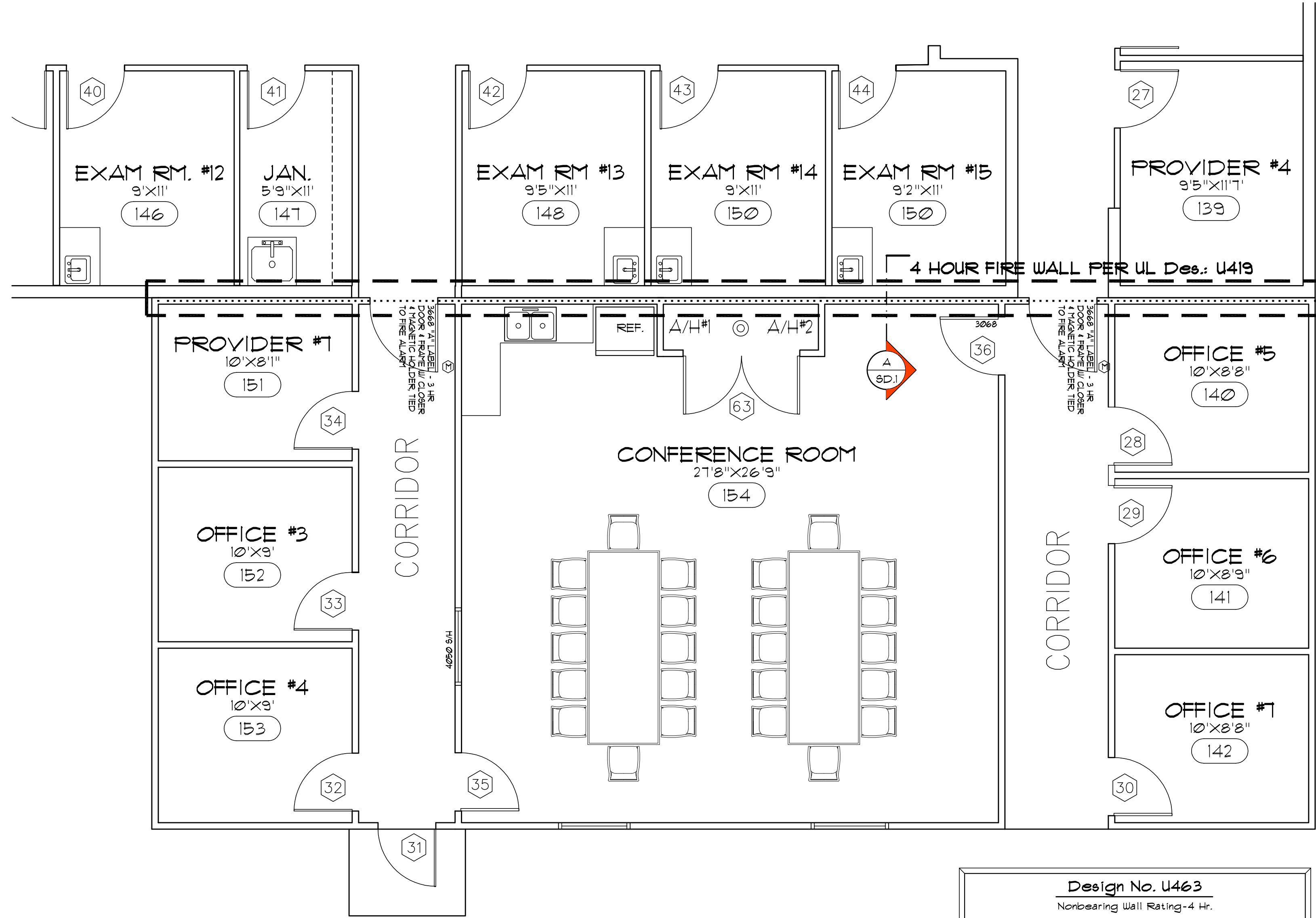
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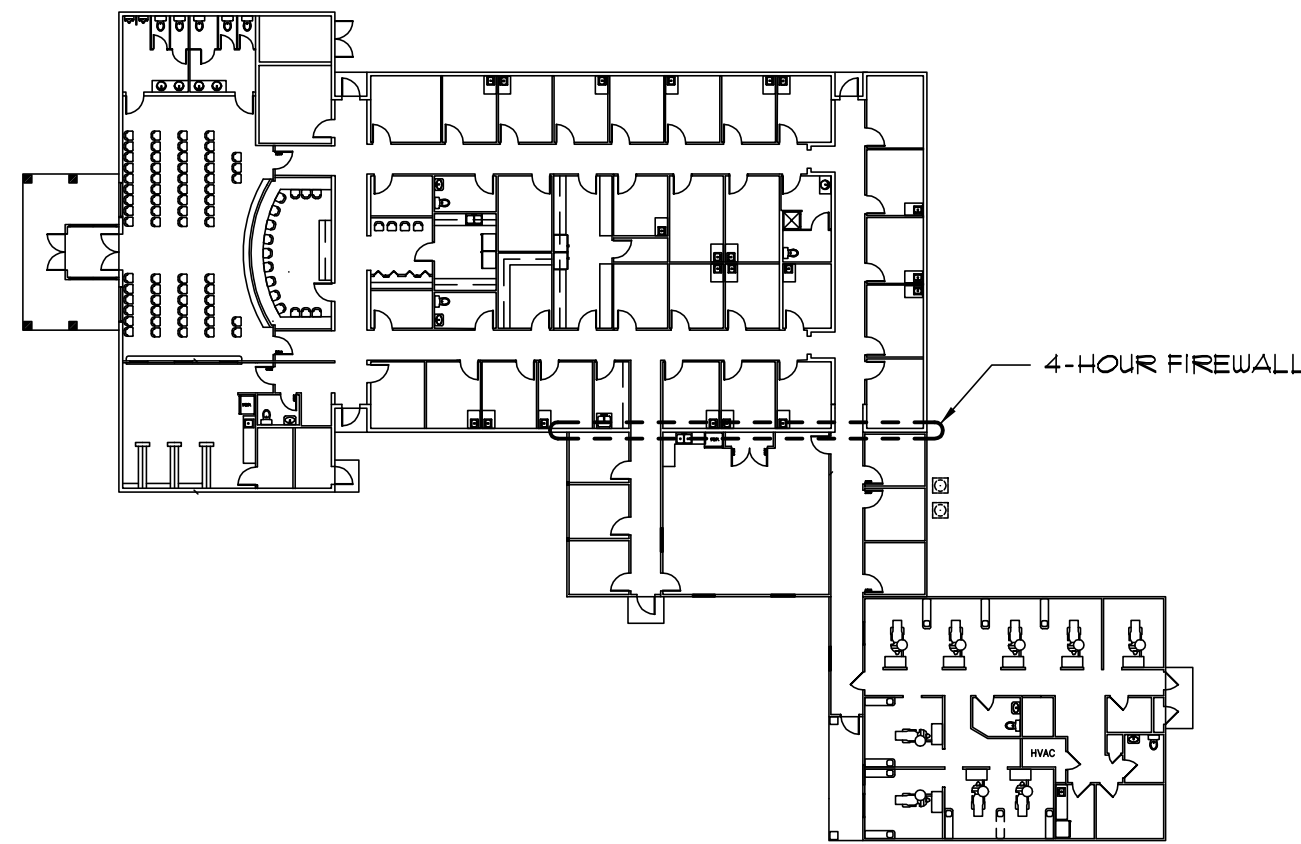
1 OF 1

AR0007005

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4-HOUR FIREWALL PLAN
SCALE: 1/4" = 1'-0"



4-HOUR FIREWALL PLAN
SCALE: 1/4" = 1'-0"

Design No. U463
Nonbearing Wall Rating-4 Hr.

1. Studs - Channel-shaped, 1-5/8 in. wide by 1 1/4 in. deep, with 5/8 in. folded back return flange legs. Fabricated from No. 25 M&G galvanized steel. Stud spacing 16 or 24 in. D.C. Studs to be cut 1 in. less than assembly height.

2. Floor and Ceiling Runners - Channel-shaped runners, 1-5/8 in. wide by 1-1/4 in. deep, fabricated from No. 25 M&G galvanized steel. Attached to floor and ceiling with fasteners spaced 24 in. D.C. max.

3. Batts and Blankets - (optional) - Nominal 1-1/2 in. thick, placed in interior of wall cavity.

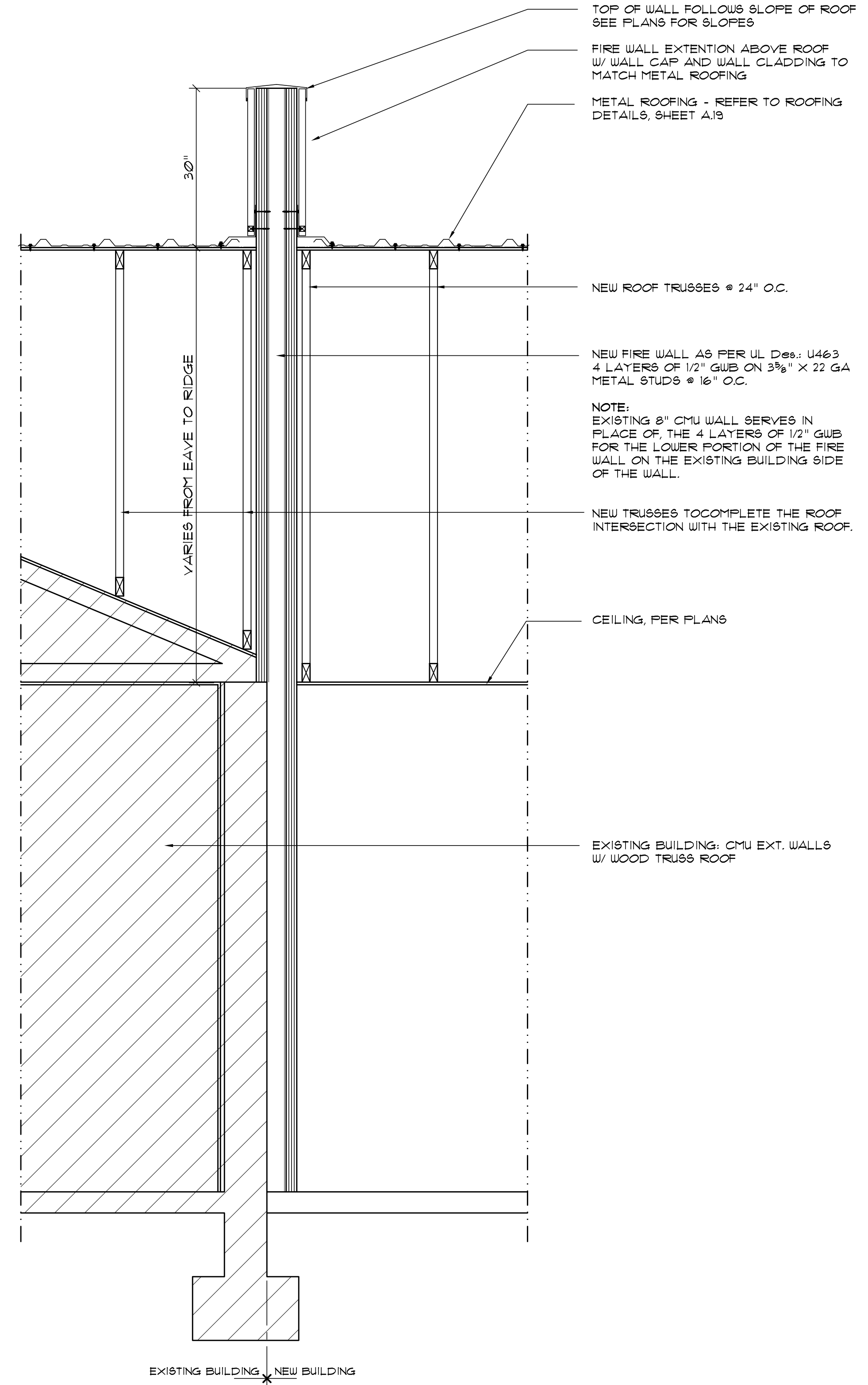
See Batts and Blankets (BZXX) category for names of manufacturers.

4. Wallboard, Gypsum 1/2 in. thick, 4 ft wide with square or tapered edges.

For 4 Hour Rating - Four layers of wallboard to be used. Inner layers to be applied vertically with joints centered over studs. Outer layer may be applied vertically or horizontally. First layer fastened to each stud with 1 in. long Type 5, self-tapping steel screws. Second layer fastened to each stud through the first layer with 1-5/8 in. long, Type 5, self-tapping steel screws. Third layer fastened to each stud through the first and second layers with 2-1/4 in. long, Type 5, self-tapping steel screws. Fourth layer fastened to each stud through the first, second and third layers with 2-5/8 in. long, Type 5, self-tapping steel screws. First layer screws shall be located 5 in. from top and bottom of wall with a maximum spacing of 48 in. D.C. vertically between top and bottom screws. Second and third layer screws shall be located 4 and 3 in. respectively, from the top and bottom of wall with the same vertical spacing as the first layer screws. Fourth layer screws shall be located 2 in. from top and bottom of wall and spaced 12 in. D.C. vertically. Each fourth layer horizontal board end shall be centered over and secured to the stud with screws spaced 1/2 in. from end joint and 12 in. D.C. vertically. Board end joints shall be staggered. At board side joints all screws shall be located 1/2 in. from the joints. Fourth layer also secured to the second and third layers with 1-1/2 in. long, Type 5, self-tapping steel screws located midway between studs and 1 in. from the horizontal joint. Joints in each layer of wallboard to be staggered from the joints in the adjacent layer and on opposite sides of studs.

Celotex Corp., The-- Type FRP.

Joint Tape and Compound (Not Shown)-Vinyl or caseln, dry or premixed joint compound applied in two coats to joints and screw heads. Paper tape, 2 in. wide, embedded in first layer of compound over all joints. Bearing the UL Classification Marking



SECTION @ 4-HOUR FIREWALL
SCALE: 3/4" = 1'-0"

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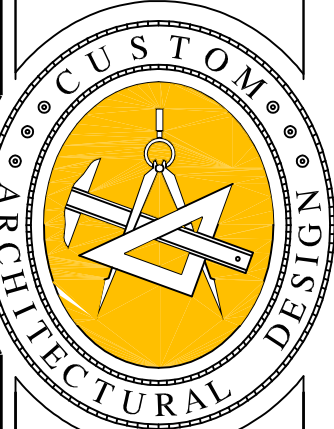
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PROJECT
PALMS MEDICAL GROUP EAST
LAKE CITY, FLORIDA
4-HOUR FIREWALL PLAN & SECTION

Celebrating
50 Years of Service
1972 - 2022
N.P. Geisler, Architect
AR0007005



**NICHOLAS
PAUL
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1758 NW Brown Rd.
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DATE:

03 NOV 2022

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SHEET:

SD.2

2 OF 2

AR0007005

Sheet List	
Sheet Number	Sheet Name
DA001	GENERAL NOTES
DA111.1	LVL FLOOR PLAN - OPTION 2
DA113	LVL 1 BACKING PLAN
DA310	LVL 1 DENTAL ELEVATIONS
DB110	LVL 1 DENTAL UTILITIES IN FLOOR
DE110	LVL 1 ELECTRICAL & LOW VOLTAGE
DP110	LVL 1 PLUMBING
DP111	LVL 1 MEDGAS PLAN
DX110	MEDGAS DETAILS
DX111	DETAILS

ABBREVIATION LEGEND

AFF	ABOVE FINISHED FLOOR
DR	SUPPLIED BY DOCTOR
EC	ELECTRICAL CONTRACTOR
ER	EXISTING RELOCATED
EX	EXISTING
FT	FUTURE
GC	GENERAL CONTRACTOR
MTD	MOUNTED
NC	NO CHANGE
NIC	NOT INCLUDED
NIS	NOT IN SCOPE
NW	NEW
PC	PLUMBING CONTRACTOR
PD	PATTERSON DENTAL
TYP	TYPICAL
VFY	VERIFY
VIF	VERIFY IN FIELD

PATTERSON DENTAL:

PATTERSON DENTAL'S RESPONSIBILITIES WILL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING:

- PATTERSON DENTAL WILL PROVIDE A SET OF DENTAL SPECIFIC SHOP DRAWINGS TO AID THE CONTRACTOR AND/OR ARCHITECT OF THE OWNER'S CHOOSING IN THE CONSTRUCTION OF THE OWNER'S DENTAL OFFICE. THESE DRAWINGS WILL PROVIDE CRITICAL DENTAL LOCATIONS OF ALL DENTAL EQUIPMENT. WRITTEN DIMENSIONS WILL TAKE PRECEDENCE OVER SCALED DIMENSIONS.
- PATTERSON DENTAL WILL ASSUME NO RESPONSIBILITY FOR DEVIATIONS FROM THE DENTAL DRAWINGS AND SPECIFICATIONS WITHOUT PRIOR WRITTEN ENDORSEMENT.
- PATTERSON DENTAL'S REPRESENTATIVES WILL PROVIDE ASSISTANCE AS NEEDED TO THE CONTRACTOR AND/OR ARCHITECT WITH PROPER ADVANCE NOTICE.
- A PRE-CONSTRUCTION MEETING BETWEEN PATTERSON DENTAL'S REPRESENTATIVES AND THE CONTRACTOR, ARCHITECT, AND SUB-CONTRACTORS TO INCLUDE MECHANICAL, PLUMBING, AND ELECTRICAL IS REQUIRED. DENTAL SPECIFIC TEMPLATES AND SPECIFIC CONSTRUCTION REQUIREMENTS WILL BE PROVIDED DURING THIS MEETING.
- PATTERSON DENTAL'S REPRESENTATIVES WILL MAKE PERIODIC VISITS TO THE JOB SITE AT CRITICAL POINTS IN THE CONSTRUCTION PROCESS. **THE CONTRACTOR IS REQUIRED TO INFORM PATTERSON WHEN INSPECTIONS OF PLUMBING, WIRING, AND BACKING IN THE WALLS CAN BE PERFORMED PRIOR TO BACKFILLING TRENCHES, POURING OF THE SLAB, SEALING PARTITIONS AND INSTALLING CEILINGS.**
- PATTERSON DENTAL'S REPRESENTATIVES WILL COORDINATE WITH THE CONTRACTOR TO INSTALL THE DENTAL EQUIPMENT AS LAID OUT IN THE INSTALLATION GUIDELINES AT A DATE AGREED UPON BY THE CONTRACTOR AND PATTERSON. A FINAL INSPECTION PRIOR TO THE INSTALLATION OF THE DENTAL EQUIPMENT WILL BE PERFORMED TO ENSURE THAT ALL PLUMBING, ELECTRICAL AND MECHANICAL CONSTRUCTION IS COMPLETE. ALL FLOORING, PAINTING AND CEILING WORK MUST BE COMPLETED PRIOR TO EQUIPMENT INSTALLATION.
- THE CONTRACTOR AND SUB-CONTRACTORS ARE TO PROVIDE FINAL HOOK UP TO ALL DENTAL EQUIPMENT AS SET FORTH THE INSTALLATION GUIDELINES.

BUILDING CONTRACTOR:

- THE BUILDING CONTRACTOR WHO HAS ENTERED INTO A CONSTRUCTION CONTRACT WITH THE OWNER IS RESPONSIBLE FOR ALL WORK DEFINED BY THAT CONTRACT. IF THE PROJECT IS LET UNDER SEPARATE CONTRACTS TO MORE THAN ONE CONTRACTOR, THE RESPONSIBILITIES LISTED BELOW APPLY TO EACH CONTRACTOR.
- THE CONTRACTOR IS RESPONSIBLE FOR THE COMPLETION OF THE PROJECT IN THE TRUE INTENT OF THE DRAWINGS AND SPECIFICATIONS. THE CONTRACTOR IS TO FURNISH ALL MATERIALS AND LABOR REQUIRED TO COMPLETE THE PROJECT, THAT IS NOT SPECIFICALLY PROVIDED BY PATTERSON DENTAL, WHETHER OR NOT EACH AND EVERY ITEM IS SPECIFICALLY MENTIONED.
- THE CONTRACTOR SHALL ADVISE THE OWNER OF ANY CONFLICT BETWEEN THESE DRAWINGS AND THE FIELD CONDITIONS BEFORE PROCEEDING WITH THE JOB. THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR THE ACCURACY OF FIELD MEASUREMENTS AND CONDITIONS AND SHALL BE RESPONSIBLE FOR THE PROPER MODIFICATIONS TO ANY EXISTING WORK, PREVIOUSLY INSTALLED WORK, AND/OR OTHER TRADES. WRITTEN APPROVAL MUST BE OBTAINED FROM THE PATTERSON EQUIPMENT SPECIALIST ASSIGNED TO THE PROJECT BEFORE ANY CHANGES AND/OR DEVIATIONS FROM THE DRAWINGS AND SPECIFICATIONS ARE MADE. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR THE EXECUTION OF HIS/HER WORK AND FOR ANY CHANGES AND/OR DEVIATIONS FROM THE DRAWINGS OR SPECIFICATIONS MADE WITHOUT PRIOR WRITTEN APPROVAL FROM THE OWNER AND/OR THE PATTERSON EQUIPMENT SPECIALIST. ANY COSTS RESULTING FROM CHANGES AND/OR DEVIATIONS SHALL BE THE RESPONSIBILITY OF THE 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 AT THE TIME THE CHANGE OR DEVIATION IS PERFORMED.
- THE GENERAL CONTRACTOR SHALL DO ALL PATCHING TO CONFORM TO MATERIAL, TEXTURE AND SURFACE ALIGNMENT WITH THE ADJOINING SURFACE AND FINAL TOUCH UP/APPEARANCE OF ALL FINISHED SURFACES. THE CONTRACTOR SHALL ENSURE THE PROTECTION OF ALL EQUIPMENT FURNISHED UNDER HIS/HER CONTRACT AND BY OTHERS PRESENT AT THE JOB SITE.
- THE CONTRACTOR SHALL REMOVE DEBRIS AND MAINTAIN THE PREMISES BROOM CLEAN AT ALL TIMES. DEBRIS IS TO INCLUDE, BUT NOT LIMITED TO SHIPPING CARTONS, BOXES, ETC., RESULTING FROM THE INSTALLATION OF DENTAL AND OTHER EQUIPMENT BY CONTRACTORS CONCURRENTLY ENGAGED.
- THE CONTRACTOR SHALL PARTICIPATE AT ALL JOB COORDINATION MEETINGS WITH PATTERSON DENTAL AND ENSURE THE ATTENDANCE OF APPLICABLE TRADES.
- THE CONTRACTOR IS REQUIRED TO INFORM PATTERSON DENTAL REPRESENTATIVES OF KEY EVENTS IN THE CONSTRUCTION PROCESS WITH REASONABLE ADVANCE NOTICE, TO FACILITATE THE INSPECTION OF SAID EVENTS, I.E. BACKFILLING TRENCHES, CLOSING WALLS, POURING CONCRETE TO BURY PLUMBING AND ELECTRICAL WORK IN FLOORS AND INSTALLING CEILING TILES.
- THE CONTRACTOR SHALL AFFORD THE OWNER AND SEPARATE CONTRACTORS REASONABLE OPPORTUNITY FOR THE INTRODUCTION AND/OR STORAGE OF THEIR MATERIALS AND EQUIPMENT AND EXECUTION OF THEIR WORK.

GENERAL NOTES:

- THE ITEMS LISTED HERE IN THE GENERAL NOTES ARE INTENDED TO CLARIFY OVERALL GENERAL CONDITIONS FOR A SMOOTH TRANSITION BETWEEN ALL SUB-CONTRACTORS, THE GENERAL CONTRACTOR, EQUIPMENT INSTALLERS, PATTERSON DENTAL AND THE OWNER FOR FINAL APPROVAL OF ALL WORK PERFORMED BY THE RESPECTIVE TRADES. THROUGHOUT THESE PLANS ARE VARIOUS DETAILS, REQUIREMENTS AND SPECIFICATIONS TO AID IN THIS PROCESS. IT IS THE RESPONSIBILITY OF EACH TRADE, CONTRACTOR AND THE OWNER TO READ ALL NOTES AND ILLUSTRATIONS THAT PERTAIN TO THEIR SPECIFIC TASK IN THE PROCESS.
- MOST OF THE DENTAL UTILITY AND SPECIFICATION REQUIREMENTS ARE OUTLINED IN THE TEMPLATES AND DOCUMENTATION THAT PATTERSON WILL PROVIDE TO THE CONTRACTOR. QUESTIONS WILL ARISE ON THE JOB SITE AND MOST CAN BE ANSWERED BY TELEPHONE. THE CONTRACTOR WILL BE PROVIDED CONTACT NUMBERS FOR PATTERSON DENTAL REPRESENTATIVES TO FACILITATE TIMELY ANSWERS TO THOSE QUESTIONS. IN SOME CASES IT WILL BE NECESSARY FOR THE PATTERSON REPRESENTATIVE TO BE PRESENT AT THE JOB SITE TO ANSWER QUESTIONS OR SPOT LOCATIONS FOR DENTAL SPECIFIC ITEMS. IN THESE CASES AN APPOINTMENT WILL BE REQUIRED WITH REASONABLE ADEQUATE NOTIFICATION.
- IF A JOB SITE APPOINTMENT IS REQUIRED, ALL TRADES SHOULD BE NOTIFIED OF THE APPOINTMENT SO THE OPTION OF BEING PRESENT WITH ANY QUESTIONS CONCERNING THEIR PORTION OF THE JOB CAN BE ADMINISTERED AT THAT APPOINTMENT. THE PATTERSON DENTAL REPRESENTATIVE SHOULD BE INFORMED AS TO THE MAGNITUDE OF THE APPOINTMENT PRIOR TO ARRIVAL ON THE JOB SITE IN ORDER TO ALLOW ENOUGH TIME IN THE APPOINTMENT.
- THE GENERAL CONTRACTOR MUST SIGN THIS SHEET STIPULATING THAT THEY UNDERSTAND AND WILL COMPLY WITH ALL SPECIFICATIONS BEFORE ANY WORK WILL COMMENCE. A SIGNED COPY OF THE PLANS ARE TO BE RETURNED TO PATTERSON DENTAL AND A SECOND SIGNED COPY KEPT ON THE JOB SITE AT ALL TIMES.
- THE PATTERSON DENTAL REPRESENTATIVE SHALL GIVE INSTRUCTIONS TO THE GENERAL CONTRACTOR ONLY. ALL COMMUNICATIONS AND COORDINATION WITH TRADESMEN SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR UNLESS PREDETERMINED TO BE OTHERWISE.
- ALL ELECTRICAL, MECHANICAL AND PLUMBING CONNECTIONS TO DENTAL EQUIPMENT WILL BE PERFORMED BY THE APPLICABLE TRADE RESPONSIBLE. INSTALLATION PERMITS, IF REQUIRED, WILL BE OBTAINED BY THE TRADES THAT PROVIDE THAT SERVICE.
- IF NECESSARY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROCURING A MED GAS CERTIFIED PLUMBING SUB-CONTRACTOR FOR ANY LEVEL 3 NITROUS-OXYGEN CONSCIOUS SEDATION SYSTEM DETAILED IN THESE PLANS. ANY NITROUS OXIDE SYSTEM DESIGN SHOWN ON THESE PLANS 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 STRICTLY ADHERE TO ONLY MECHANICALLY ENGINEERED DRAWINGS, IF SUPPLIED.
- THE PLUMBING SUB-CONTRACTOR SHALL PROVIDE MED GAS CERTIFICATION IN ACCORDANCE WITH ANY REQUESTS BY THE OWNER, CONTRACTOR, BUILDING DEPARTMENT OR PATTERSON DENTAL PRIOR TO COMMENCING WORK ON ANY TYPE OF CUSTOMER INSTALLED NITROUS OXIDE SYSTEM BEING USED IN THE CONSTRUCTION PROJECT.
- ALL PLUMBING AND ELECTRICAL LINES TO BE CONCEALED UNLESS OTHERWISE SPECIFIED.
- ALL LABOR AND MATERIALS NECESSARY FOR CHANGES IN EXISTING PLUMBING, CARPENTRY, AND ELECTRICAL WORK MUST BE DONE AND SUPPLIED BY THE CONTRACTOR AND IS NOT INCLUDED IN THE COST OF THE DENTAL EQUIPMENT.
- THE CONTRACTOR SHALL REMOVE ALL RUBBISH AND DO ALL PATCHING AFTER ROUGHING IN IS COMPLETED.
- ALL ROUGH IN AND FINISH WORK FOR DENTAL EQUIPMENT IS TO BE ACCORDING TO TEMPLATES FURNISHED BY THE MANUFACTURERS OF THE EQUIPMENT BEING INSTALLED. A REPRESENTATIVE OF PATTERSON DENTAL WILL POSITION THE TEMPLATES IN THEIR PROPER LOCATIONS, AT WHICH TIME ALL SPECIFICATIONS ON THE PLANS WILL BE EXPLAINED TO THE CONTRACTOR OR SUB-CONTRACTOR(S). ALL SPECIFIED SIZES OF PIPES, TUBING, AND/OR FITTINGS, ETC., MUST BE RIGIDLY FOLLOWED AS WELL AS PROPER HEIGHTS MARKED. ANY INFRACTIONS ON SIZES OR HEIGHTS OF PIPES, TUBING AND/OR FITTINGS WILL HAVE TO BE CORRECTED BEFORE THE EQUIPMENT CAN BE INSTALLED AND SUCH EXTRA EXPENSE WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND/OR SUB-CONTRACTOR.
- THE DOCTOR/OWNER SHALL DESIGNATE RESPONSIBILITY FOR PROVIDING AND INSTALLING CABINETS AND COUNTERTOPS (OTHER THAN THOSE SPECIFIED AND/OR CONTRACTED BY PATTERSON DENTAL).
- THE DOCTOR SHALL MAKE ARRANGEMENTS FOR INSTALLATION OF NON-DENTAL SYSTEMS BEFORE WALLS ARE CLOSED.
- PATTERSON DENTAL SHALL NOT BE HELD RESPONSIBLE FOR MULTIMEDIA SYSTEMS SUCH AS ENTERTAINMENT TVS, MONITORS, NETWORK COMPUTER SYSTEMS OR ANY ITEMS NOT SHOWN ON THESE PLANS.
- GC MUST CONFIRM ALL MEASUREMENTS OF SPACE CONDITIONS PRIOR TO STARTING DEMOLITION
- GC SHOULD NOTIFY PATTERSON EQUIPMENT SPECIALIST 1(ONE GC MUST CONFIRM ALL MEASUREMENTS OF SPACE CONDITIONS PRIOR TO STARTING DEMOLITION) WEEK PRIOR TO CLOSING OF ALL WALLS, CEILINGS, FLOORS TO ALLOW FINAL INSPECTION OF INSTALLATION.
- GC IS RESPONSIBLE FOR CONFIRMING ALL UTILITIES FOR EXISTING EQ BEING MOVED FROM EXISTING LOCATION OR EQUIPMENT NOT SUPPLIED BY PATTERSON
- GC IS RESPONSIBLE FOR CONFIRMING ALL UTILITIES FOR EXISTING EQ BEING MOVED FROM EXISTING LOCATION OR EQUIPMENT NOT SUPPLIED BY PATTERSON
- RADIATION PROTECTION: THE DOCTOR'S ARCHITECT/GC ARE REQUIRED TO REVIEW ALL LOCAL AND NATIONAL RADIATION AND XRAY SHIELDING REQUIREMENTS AND SUBMIT AN APPLICATION FOR REGISTRATION OF IONIZING RADIATION SOURCES. PLANS MUST BE SUBMITTED TO RADIATION CONTROL PROGRAM, IF APPLICABLE, ALONG WITH OTHER INFORMATION THEY WILL PROVIDE A LETTER OF ACCEPTABLE X-RAY PROTECTION OR ADVISE OTHERWISE. THIS APPLICATION AND PLAN SHOULD BE SUBMITTED PRIOR TO WALLS GOING UP. COPY OF APPROVAL LETTER FROM LOCAL GOVERNING BODY MUST BE PROVIDED TO PATTERSON EQUIPMENT SPECIALIST AND SERVICE TECHNICIAN. NOTE: IF EXISTING X-RAYS TO BE REPLACED WITH NEW AND EXISTING SHIELDING IS TO BE REUSED ARCHITECT/GC MUST VERIFY NEEDS WITH LOCAL CODE OFFICER.**



1031 MENDOTA HEIGHTS ROAD
MENDOTA HEIGHTS, MN

NOTE:
MODIFICATIONS TO THIS SPACE TO ALLOW THE PROPER FIT & FUNCTION OF THE EQUIPMENT SUPPLIED BY PATTERSON DENTAL SHALL BE THE RESPONSIBILITY OF THE OWNER/TENANT/LANDLORD/CONTRACTOR IN REGARDS TO CODE COMPLIANCE OF STRUCTURAL, ELECTRICAL, MECHANICAL, AND PLUMBING ISSUES. THIS INCLUDES, BUT IS NOT LIMITED TO, SUPPORT STRUCTURE FOR EQUIPMENT AND CLEARANCES IN REGARD TO SPRINKLER HEADS AND/OR ANY DEVICE OR STRUCTURE WHICH MAY IMPEDE OR CONFLICT WITH THE FUNCTION OF PATTERSON SUPPLIED EQUIPMENT. PATTERSON DENTAL SHALL NOT BEAR ANY COST TO CORRECT THESE ISSUES. PLEASE CONSULT PATTERSON FOR ASSISTANCE IN EQUIPMENT SUPPORT STRUCTURE & CLEARANCE QUESTIONS.

THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF PATTERSON DENTAL SUPPLY AND THE USE LIMITED TO A SPECIFIED PROJECT FOR THE PERSON OR PERSONS NAMED HEREON FOR THE CONSTRUCTION OF ONE BUILDING ONLY. ANY USE OR REPRODUCTIONS OF THESE DRAWINGS ARE STRICTLY PROHIBITED WITHOUT THE WRITTEN PERMISSION OF PATTERSON DENTAL SUPPLY, INC.

WRITTEN DIMENSIONS SHALL TAKE PREFERENCE OVER SCALE DIMENSIONS AND SHALL BE VERIFIED ON THE JOB SITE.

ANY DISCREPANCIES OR CHANGES SHALL BE BROUGHT TO THE ATTENTION OF PATTERSON DENTAL SUPPLY PRIOR TO THE COMMENCEMENT OF ANY WORK.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CURRENT AMERICAN DISABILITIES ACT, (ADA) ACCESSABILITY GUIDELINES. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR ALL REQUIRED BACKFLOW PREVENTERS. THE CONTRACTOR SHALL COMPLY WITH ALL STATE, CITY AND LOCAL CODES, PERTAINING TO THE CONSTRUCTION OF THIS PROJECT.

THE INFORMATION CONTAINED IN THESE DRAWINGS IS FOR CONCEPT PURPOSES ONLY. THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION AND DO NOT TAKE THE PLACE OF CONSTRUCTION PLANS AND SPECIFICATIONS. THESE DRAWINGS ARE NOT TO SCALE. NOR HAVE FIELD CONDITIONS BEEN VERIFIED. PATTERSON WILL NOT BE HELD RESPONSIBLE FOR THE USE OR MISUSE OF THE INFORMATION CONTAINED IN THESE DRAWINGS.

OWNER:

PALMS MEDICAL

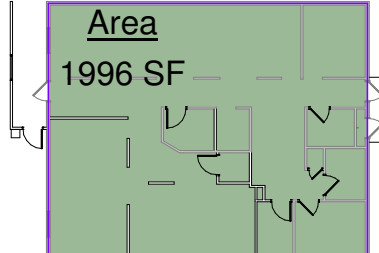
LOCATION:

Main
Lake City, FL

DRAWN BY	EQUIPMENT REP:	EQUIPMENT REP #:
JAC	Bradley Glantz	352-220-2341
PROJECT #:	ISSUE DATE:	
374-536650	07/27/2022	

REVISIONS			
REV #	SCOPE	DRAWN BY	DATE

3	PRQ	JH	4/28/2022
4	PRQII	JH	5/24/2022
5	REQUIREMENTS	EEH	06/10/2022
6	REQ REV	EEH	07/27/2022

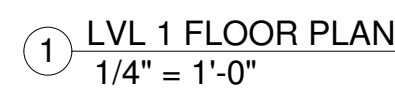


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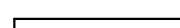
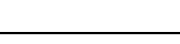
DA001

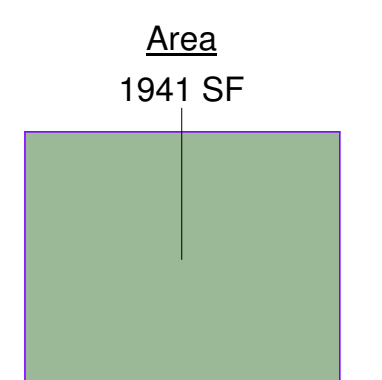
PALMS MEDICAL

Main
Lake City, FL



① LVL 1 FLOOR PLAN
1/4" = 1'-0"

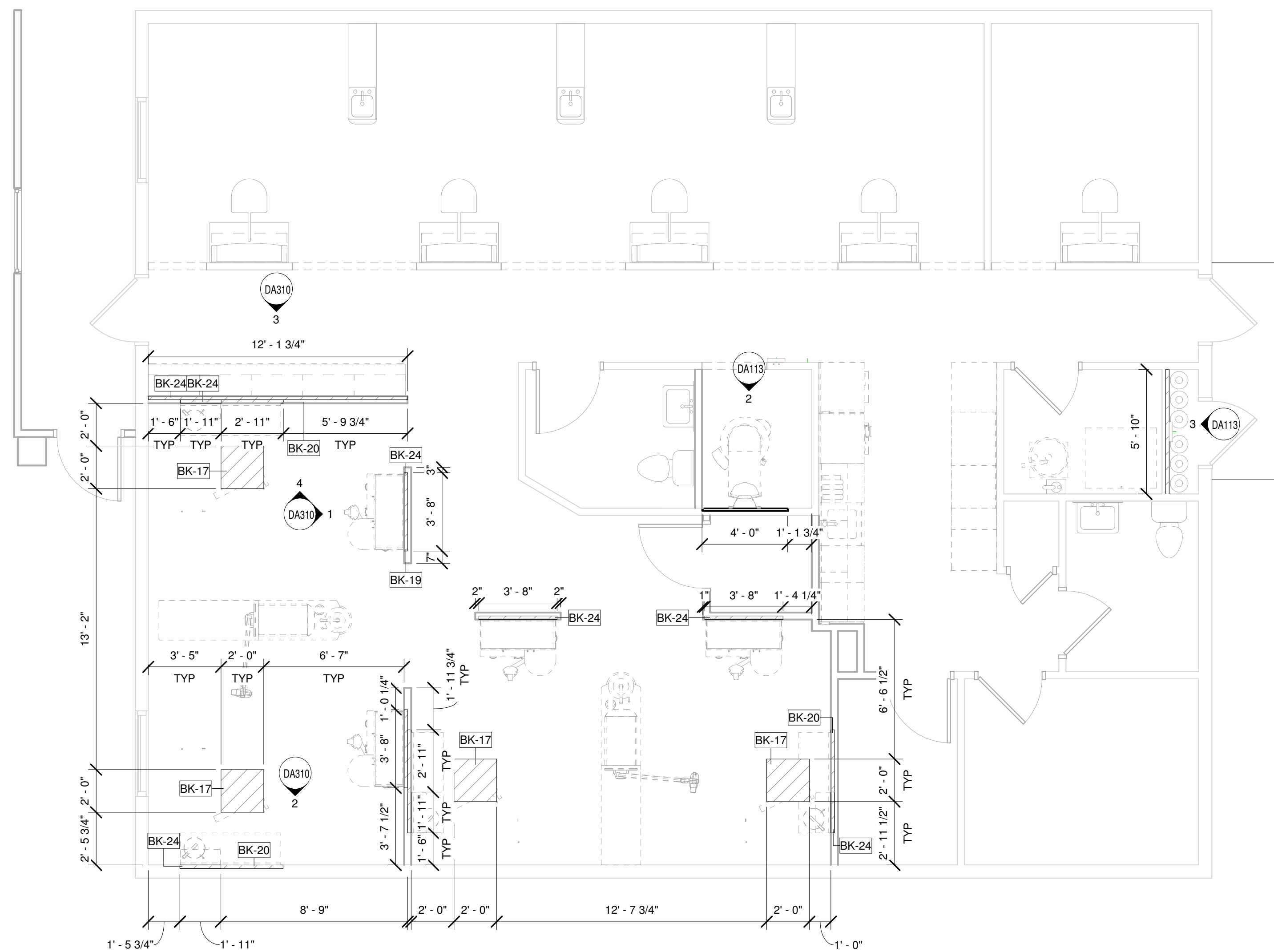
WALL LEGEND	
	EXISTING WALL
	DEMO WALL
	NEW WALL
	SOUND PROOFING IN WALL
	LEAD LINED WALL



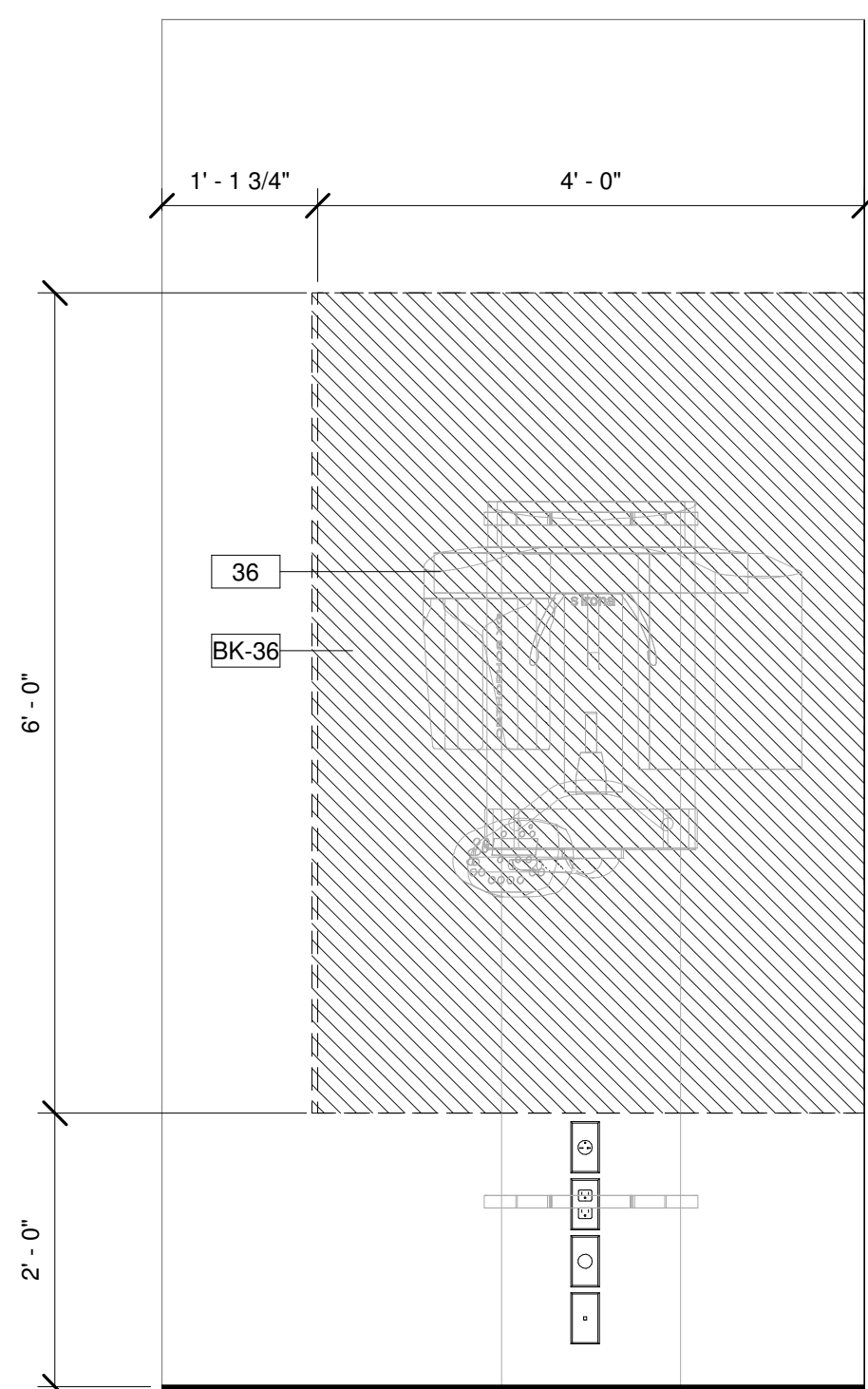
SHEET NO.

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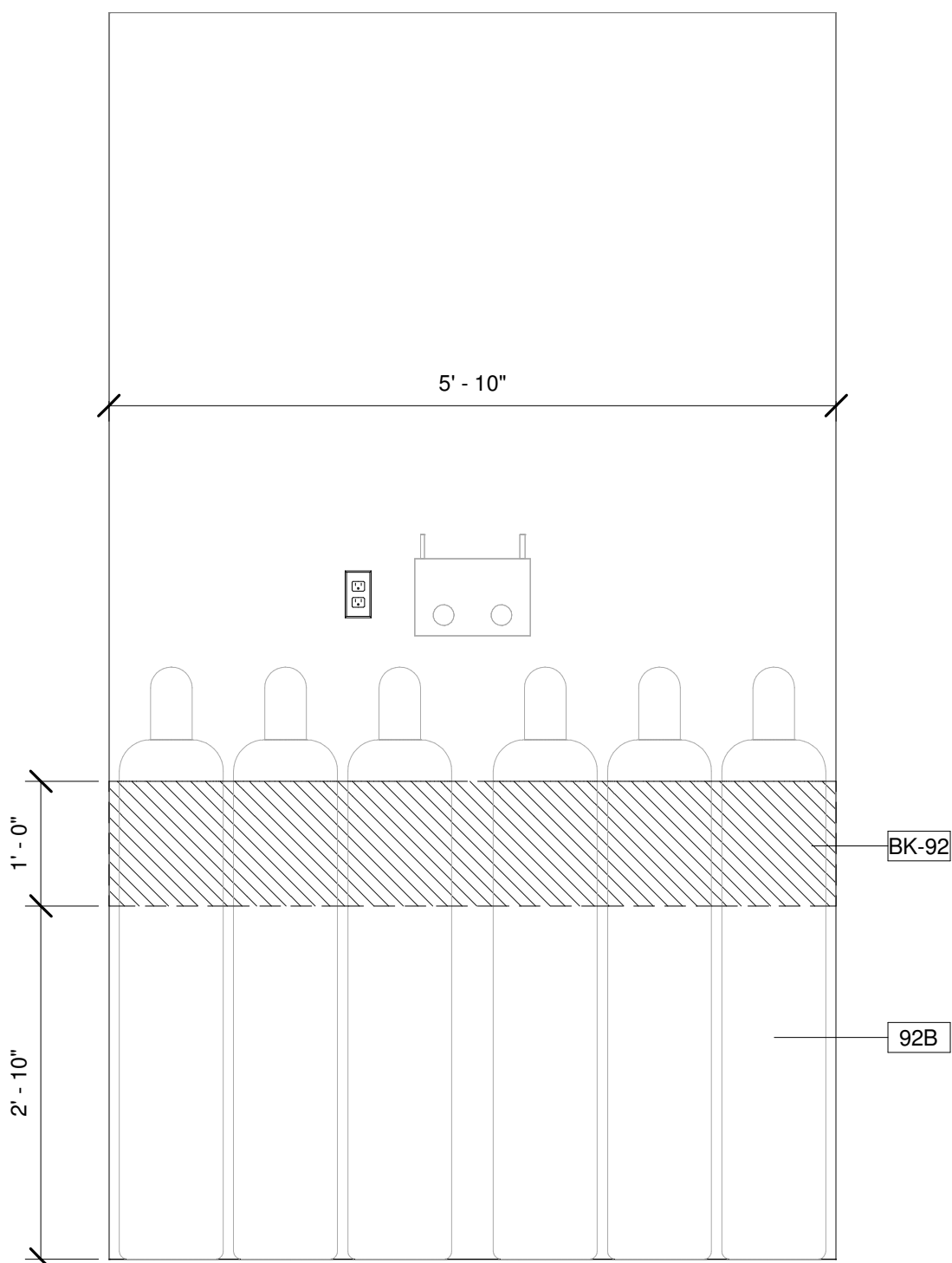
EQUIPMENT SCHEDULE											
NOTE: ALL DBL PLYWOOD BACKING IS TO BE GLUED AND SCREWED											
QTY	BACKING NUMBER	EQUIPMENT DESCRIPTION	WALL						CEILING	OTHER	BACKING REMARKS
			SGL 4" X 4" FLOOR TO STRUCTURE ABOVE	DBL 4" X 4" FLOOR TO STRUCTURE ABOVE	DBL 2" X 12" FLOOR TO STRUCTURE ABOVE	DBL .3/4" PLYWOOD (GLUED & SCREWED)	SGL .3/4" PLYWOOD	SGL 2" X 8" TOP OF BASE CABINET	SGL 2" X 8" TOP OF WALL CABINET		
4	BK-17	DENTAL CEILING MONITOR								●	24" X 24"
4	BK-19	REAR CABINET						●	●		MFR VFY
4	BK-22	SIDE CABINET									
4	BK-24	SIDE UPPER CABINET							●		
1	BK-28	SIDE CABINET						●	●		
2	BK-30	INTRAORAL X-RAY								●	MTD IN CENTRAL
1	BK-92B	COMPRESSED GAS CYLINDER RESTRAINT								●	GC TO PROVIDE 2"x12" BRACING / SEE ELEVATION FOR DETAILS



① LVL 1 BACKING PLAN
1/4" = 1'-0"



② ELEVATION PANORAMIC WALL
3/4" = 1'-0"



3 ELEVATION N2O/O2 WALL
3/4" = 1'-0"



1031 MENDOTA HEIGHTS ROAD
MENDOTA HEIGHTS, MN

NOTE:
MODIFICATIONS TO THIS SPACE TO ALLOW THE PROPER
FIT & FUNCTION OF THE EQUIPMENT SUPPLIED BY
PATTERSON DENTAL SHALL BE THE RESPONSIBILITY OF
THE OWNER. PATTERSON DENTAL CONTRACTOR IS
REQUIRED TO CODE COMPLIANCE OF STRUCTURAL,
ELECTRICAL, MECHANICAL, AND PLUMBING ISSUES. THIS
INCLUDES, BUT IS NOT LIMITED TO, SUPPORT
STRUCTURE FOR EQUIPMENT AND CLEARANCES IN
REGARD TO SPRINKLER HEADS AND/OR ANY DEVICE OR
STRUCTURE WHICH MAY IMPEDE OR CONFLICT WITH THE
FUNCTION OF PATTERSON SUPPLIED EQUIPMENT.
PATTERSON DENTAL WILL INCUR ANY COST TO
CORRECT THESE ISSUES. PLEASE CONSULT PATTERSON
FOR ASSISTANCE IN EQUIPMENT SUPPORT STRUCTURE &
CLEARANCE QUESTIONS.

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PRIOR TO THE COMMENCEMENT OF ANY WORK.

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OWNER:

PALMS MEDICAL

LOCATION:

Main
Lake City, FL

<u>DRAWN BY</u> JAC	<u>EQUIPMENT REP:</u> Bradley Glantz	<u>EQUIPMENT REP #</u> 352-220-2341
<u>PROJECT #:</u> 374-536650	<u>ISSUE DATE:</u> 07/27/2022	

REVISIONS			
REV #	SCOPE	DRAWN BY	DATE

5	REQUIREMENTS	EEH	06/10/2022
6	REQ REV	EEH	07/27/2022

SHEET NO.

DA113

NOT FOR CONSTRUCTION

NOT FOR CONSTRUCTION

NOTE:

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OWNER:

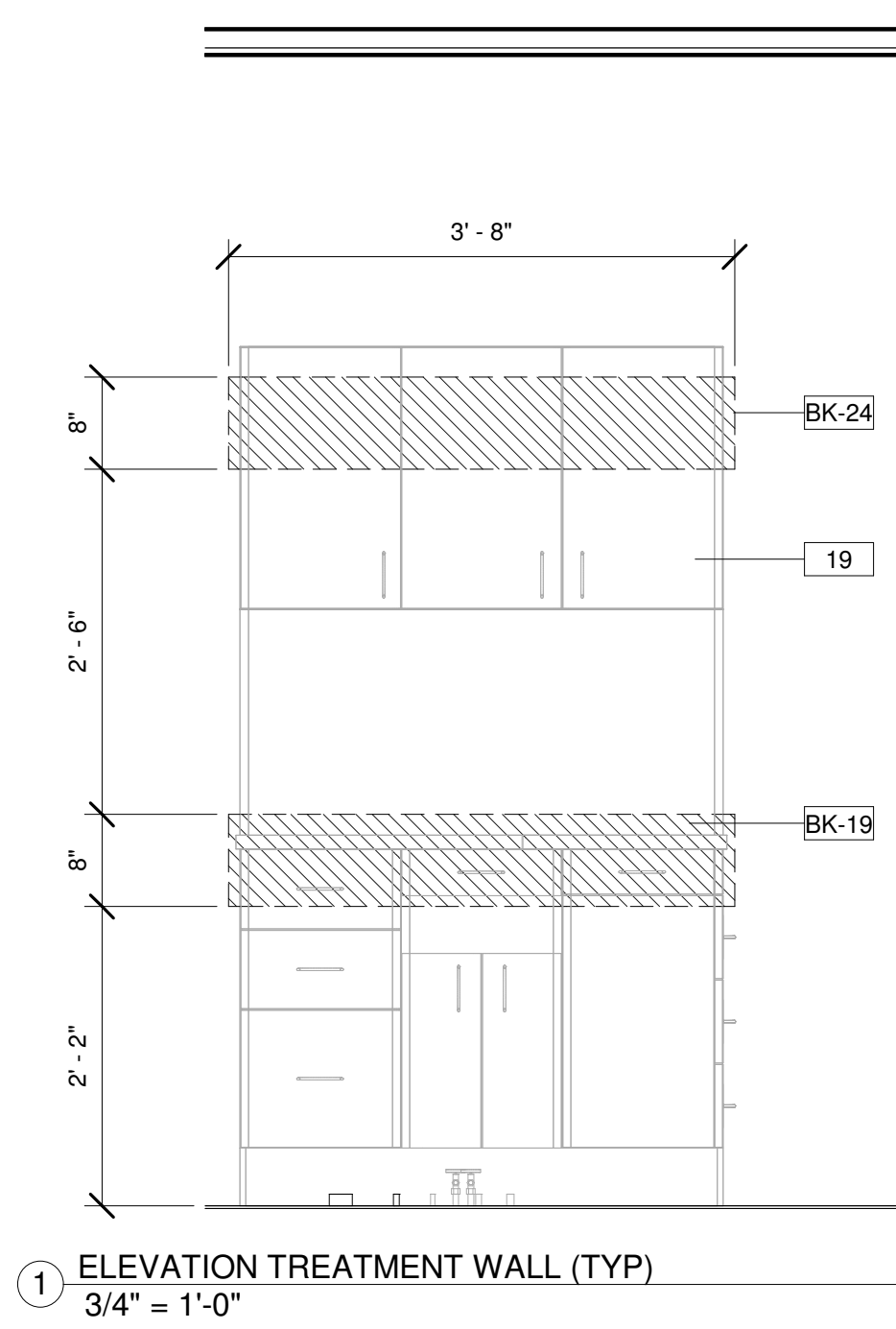
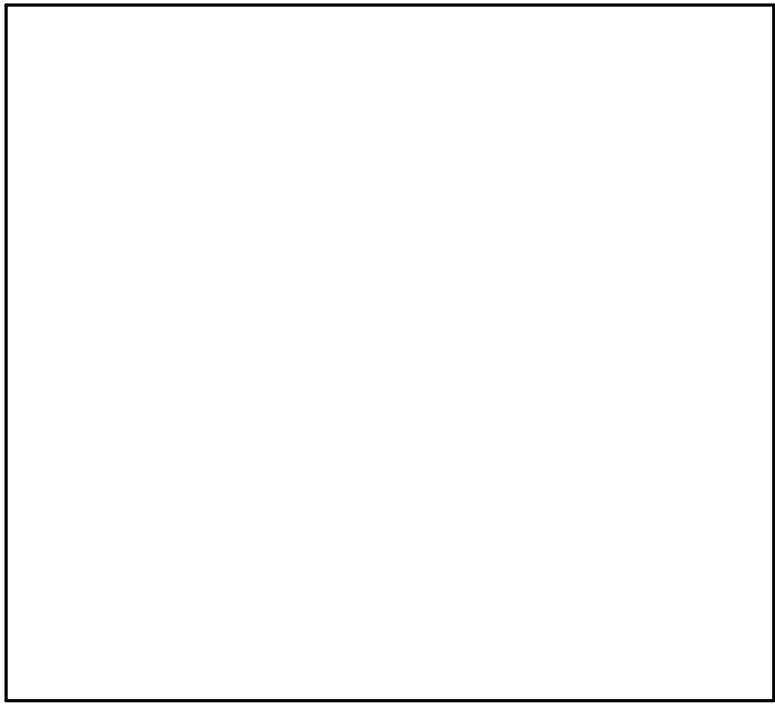
PALMS MEDICAL

LOCATION:

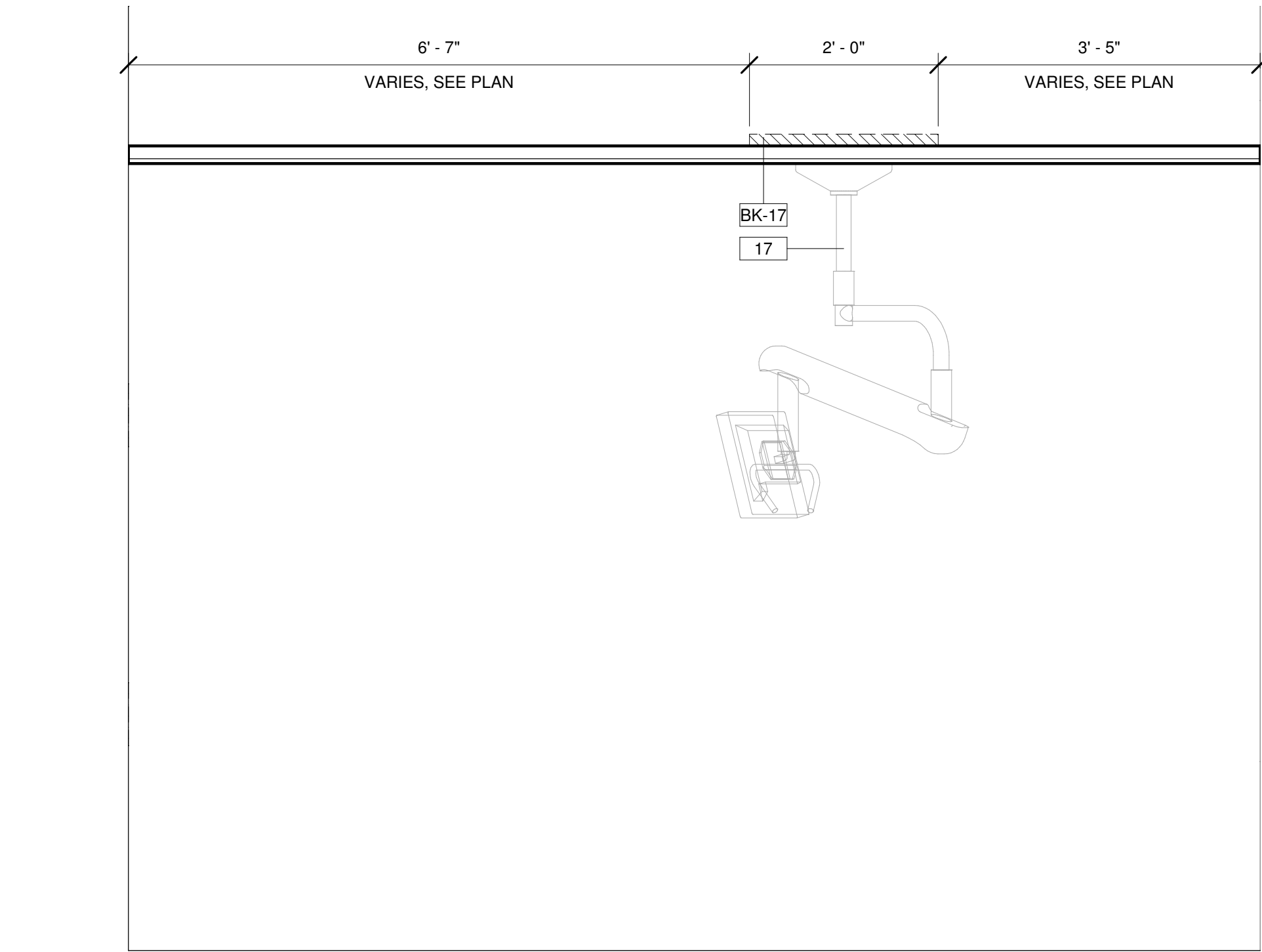
Main
Lake City, FL

DRAWN BY	EQUIPMENT REP:	EQUIPMENT REP #:
JAC	Bradley Glantz	352-220-2341
PROJECT #:	ISSUE DATE:	
374-536650	07/27/2022	

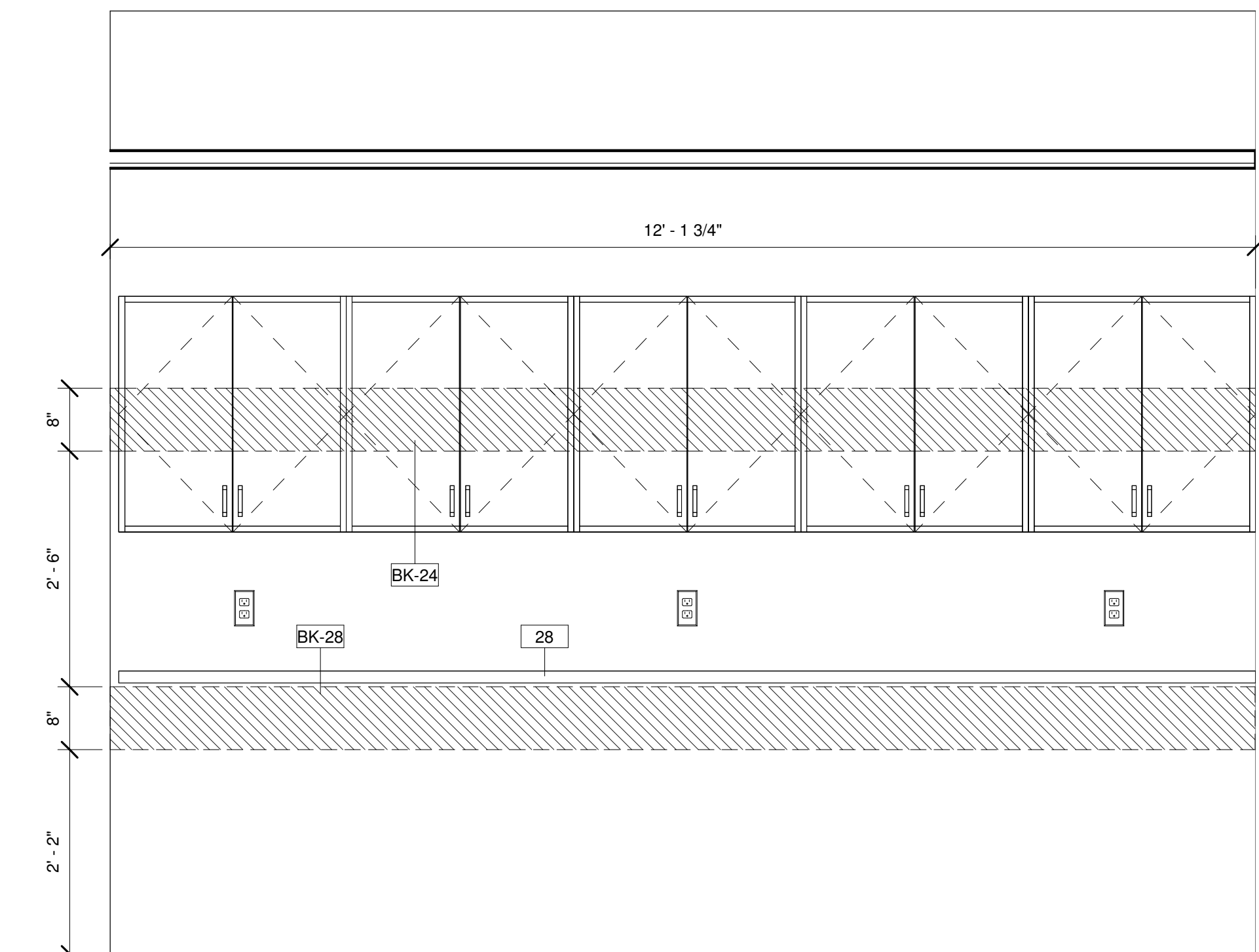
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REV #	SCOPE	DRAWN BY	DATE
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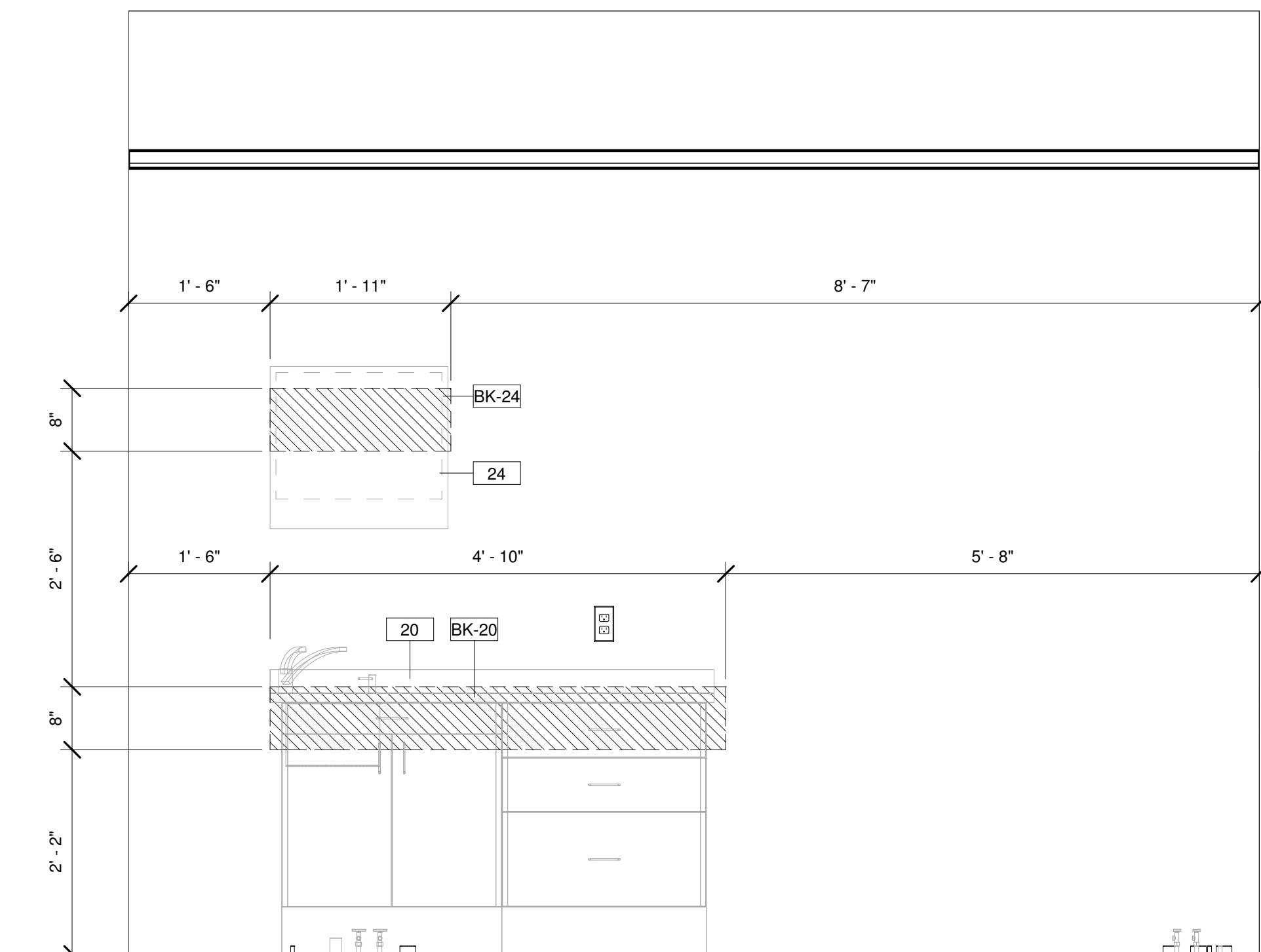
1 ELEVATION TREATMENT WALL (TYP)
3/4" = 1'-0"



2 SECTION CEILING MONITOR (TYP)
3/4" = 1'-0"



3 ELEVATION SIDE WALL
3/4" = 1'-0"



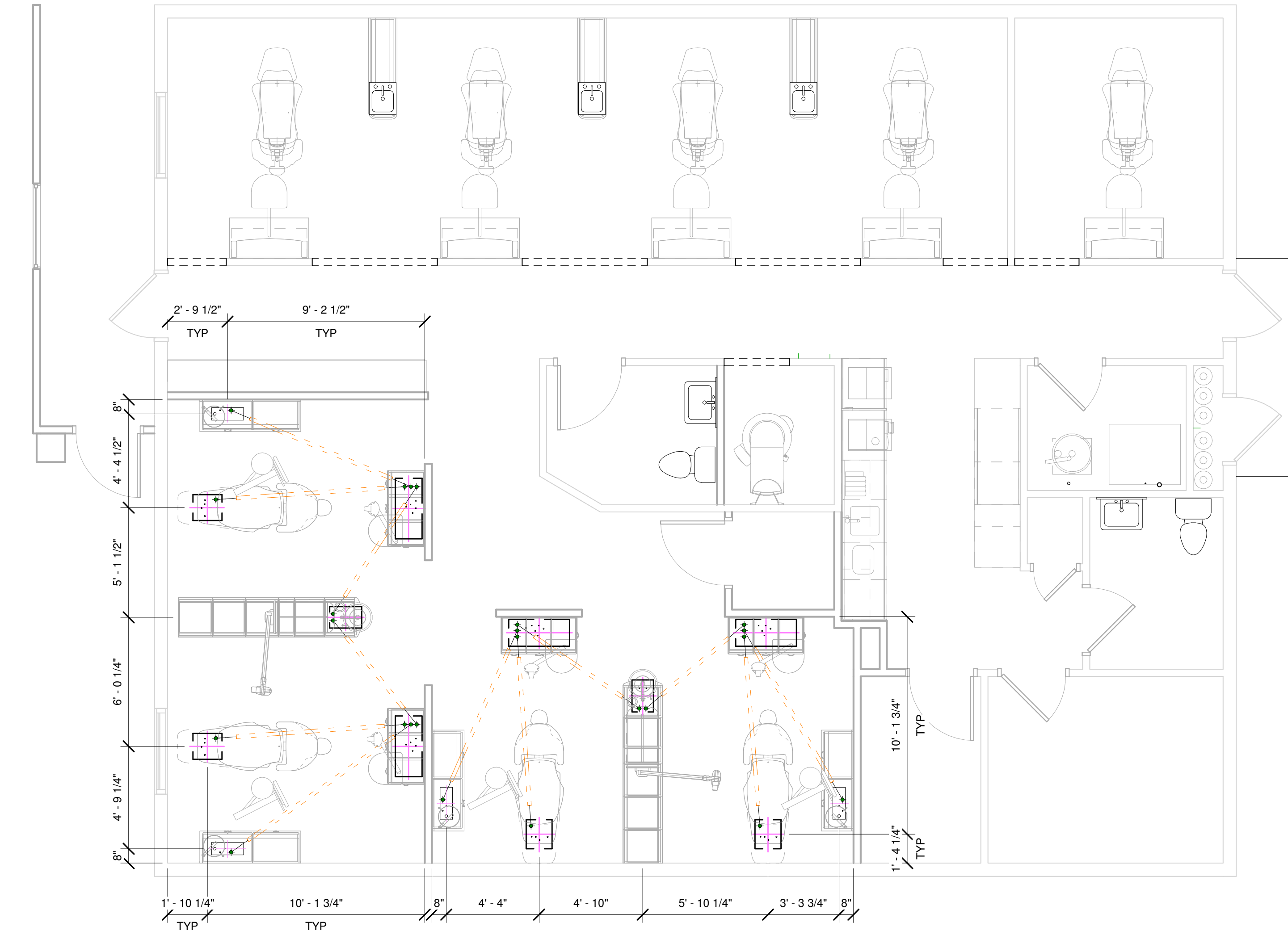
4 ELEVATION ASSISTANT WALL (TYP)
3/4" = 1'-0"

ELECTRICAL SYMBOLS IN FLOOR		
ALL DEVICES SHALL BE INSTALLED PER STATE AND LOCAL CODE. ALL LOCATIONS SHOULD BE VERIFIED WITH PATTERSON REP OR OWNER PRIOR TO PLACEMENT.		
+XX" - INDICATES HEIGHT FROM FINISHED FLOOR TO CENTER OF DEVICE UNLESS OTHERWISE NOTED BELOW, IF ITEM NOT TAGGED HEIGHT IS 18" A.F.F.		
QTY.	SYM.	DESCRIPTION

LOW VOLTAGE SYMBOLS		
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QTY.	SYM.	DESCRIPTION
20		CONDUIT FLOOR STUB OUT, IF TAG NOT PRESENT HEIGHT IS 1" A.F.F.
8		DATA DEVICE FLOOR, IF TAG IS NOT PRESENT HEIGHT IS 1" A.F.F.

PLUMBING SYMBOLS IN FLOOR		
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QTY.	SYM.	DESCRIPTION
7		1/2" OD. TO 3/8" OD. SHUT OFF AIR CONNECTION FLOOR HEIGHT 3" A.F.F. TO CENTER UNLESS OTHERWISE NOTED
6		DIRECT DRAIN FLOOR
10		SHUT OFF VALVE COLD WATER FLOOR
6		SHUT OFF VALVE HOT WATER FLOOR
4		VACUUM PIPE CONNECTION FLOOR
1		VACUUM RISER FLOOR

ELECTRICAL LEGEND	
	18/3 WIRE, CABLE RUN IN WALLS OR ABOVE FINISHED CEILING
	18/4 WIRE, WIRES RUN IN WALLS OR ABOVE FINISHED CEILING
	CAT5e OR BETTER CABLE, CABLE RUN IN WALLS OR ABOVE FINISHED CEILING
	MANUFACTURER CABLE, CABLE RUN IN WALLS OR ABOVE FINISHED CEILING
	ELECTRICAL CONDUIT UNDER FLOOR, SIZE AS INDICATED ON PLAN
	ELECTRICAL CONDUIT ABOVE CEILING, SIZE AS INDICATED ON PLAN



① LVL 1 UNDER FLOOR UTILITY PLAN
1/4" = 1'-0"



**PATTERSON
DENTAL**

1031 MENDOTA HEIGHTS ROAD
MENDOTA HEIGHTS, MN

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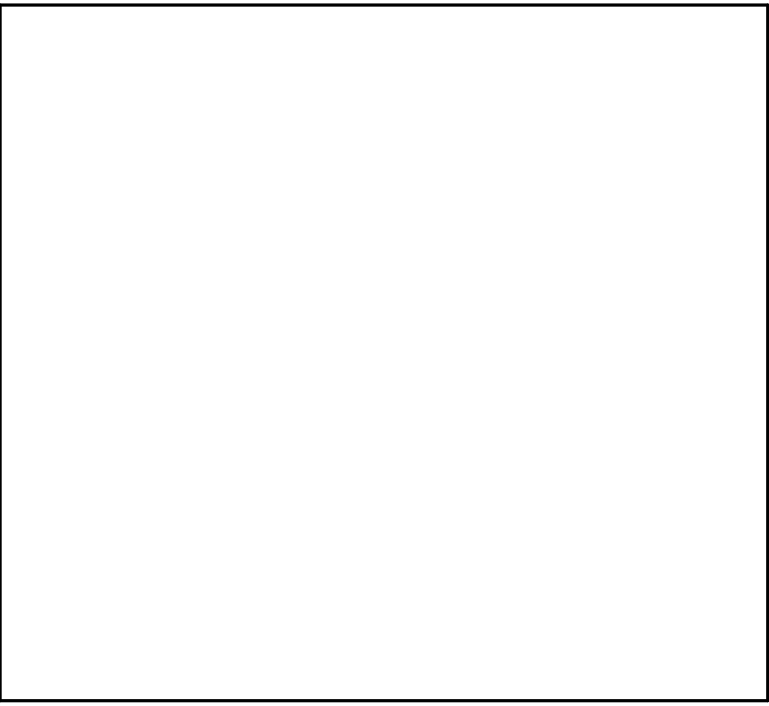
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OWNER:
PALMS MEDICAL

LOCATION:
**Main
Lake City, FL**

DRAWN BY	EQUIPMENT REP:	EQUIPMENT REP #:
JAC	Bradley Glantz	352-220-2341
PROJECT #:	ISSUE DATE:	
374-536650	07/27/2022	

REVISIONS			
REV #	SCOPE	DRAWN BY	DATE
5	REQUIREMENTS	EEH	06/10/2022
6	REQ REV	EEH	07/27/2022



SHEET NO.
DB110

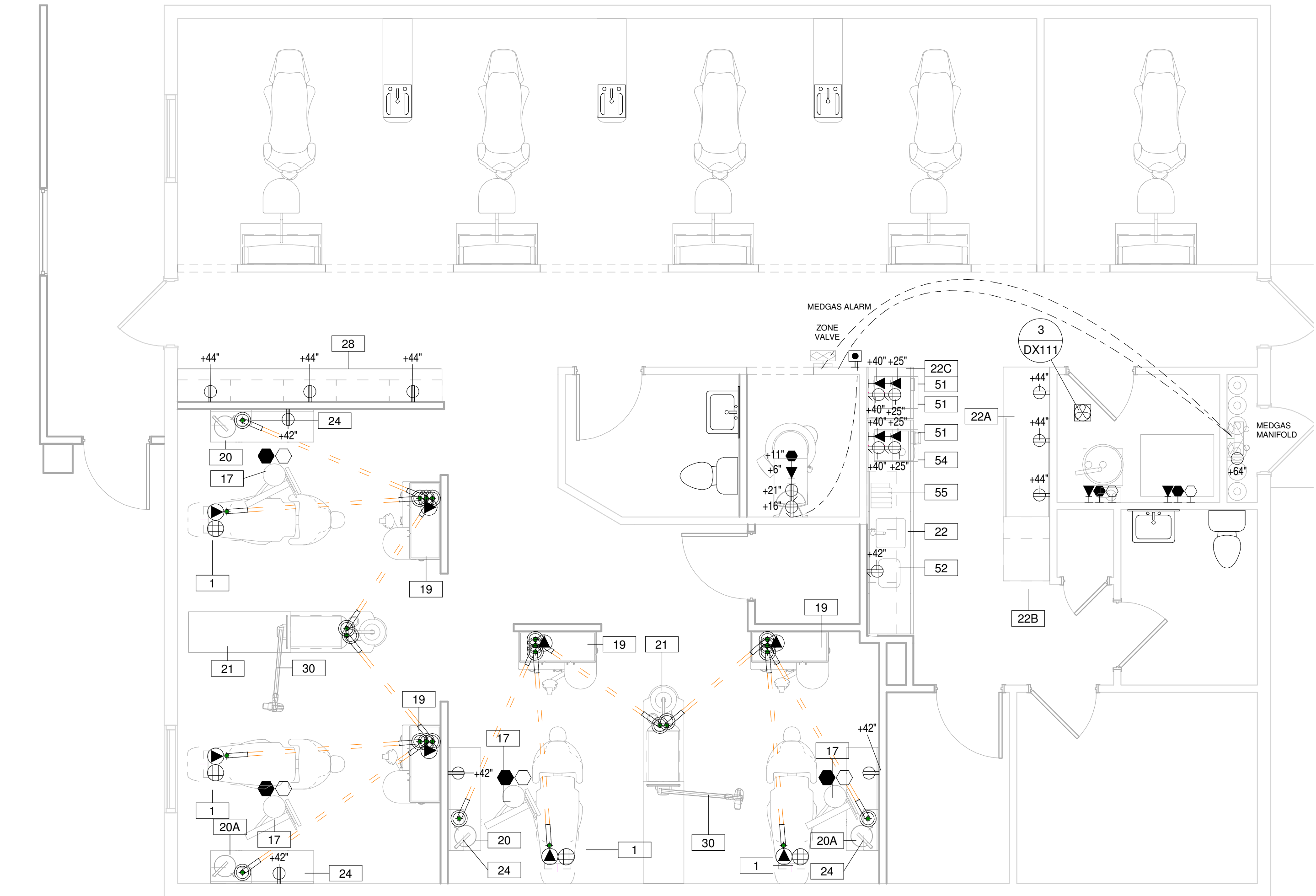
NOT FOR CONSTRUCTION

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ELECTRICAL SYMBOLS		
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+XX" - INDICATES HEIGHT FROM FINISHED FLOOR TO CENTER OF DEVICE UNLESS OTHERWISE NOTED BELOW, IF ITEM NOT TAGGED HEIGHT IS 18" A.F.F.		
QTY.	SYM.	DESCRIPTION
4		
8		120v DUPLEX DEDICATED OUTLET WALL, IF TAG NOT PRESENT HEIGHT IS 18" A.F.F. TO CENTER OF DEVICE
11		120v FLUSH DUPLEX OUTLET WALL, IF TAG NOT PRESENT HEIGHT IS 18" A.F.F. TO CENTER OF DEVICE
1		220v SINGLE OUTLET WALL, IF TAG NOT PRESENT HEIGHT IS 18" A.F.F. TO CENTER OF DEVICE
1		EXHAUST FAN
4		J-BOX CLG, IF TAG NOT PRESENT HEIGHT IS 6" ABOVE FINISHED CEILING
2		J-BOX WALL, IF TAG NOT PRESENT HEIGHT IS 18" A.F.F.

ELECTRICAL LEGEND	
	18/3 WIRE, CABLE RUN IN WALLS OR ABOVE FINISHED CEILING
	18/4 WIRE, WIRES RUN IN WALLS OR ABOVE FINISHED CEILING
	CAT5e OR BETTER CABLE, CABLE RUN IN WALLS OR ABOVE FINISHED CEILING
	MANUFACTURER CABLE, CABLE RUN IN WALLS OR ABOVE FINISHED CEILING
	ELECTRICAL CONDUIT UNDER FLOOR, SIZE AS INDICATED ON PLAN
	ELECTRICAL CONDUIT ABOVE CEILING, SIZE AS INDICATED ON PLAN

LOW VOLTAGE SYMBOLS		
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QTY.	SYM.	DESCRIPTION
4		
9		DATA DEVICE WALL, IF TAG NOT PRESENT HEIGHT IS 18" A.F.F.
4		J-BOX CLG LV, IF TAG NOT PRESENT HEIGHT IS 6" ABOVE FINISHED CEILING
3		J-BOX WALL, LOW VOLTAGE, IF TAG NOT PRESENT HEIGHT IS 18" A.F.F.
1		REMOTE X-RAY SWITCH WALL, IF TAG NOT PRESENT HEIGHT IS 60" A.F.F.



① LVL 1 POWER & LOW VOLTAGE PLAN
1/4" = 1'-0"

EQUIPMENT POWER & LOW VOLTAGE SCHEDULE																						
GENERAL NOTES																						
ALL DEVICES ARE TO BE INSTALLED PER STATE AND LOCAL CODES.																						
EQUIPMENT INFO				ELECTRICAL INFO										LOW VOLTAGE INFO								
QTY	ITEM #	DESCRIPTION	STATUS	E/C CONNECTION BY	POWER		CONNECTION TYPE				ELECTRICAL REMARKS	E/C	LV CONNECTION BY	2" EMPTY CONDUIT	3/4" EMPTY CONDUIT	1" EMPTY CONDUIT	18/3 WIRE	18/4 WIRE	JBOX LV	CAT5e OR BETTER MFG CABLE	MONITOR CABLE	LV REMARKS
					VOLTS	AMPS	SINGLE OUTLET	DUPLEX OUTLET	QUAD OUTLET	DIRECT WIRE												
4	1	DENTAL CHAIR	NW	EC	120v	5.0																
4	17	DENTAL CEILING MONITOR	NW	EC	120v	2.0																
4	19	REAR CABINET	NW	EC	120v	20.0																
2	20	SIDE CABINET	NW	EC	120v	20.0																
2	20A	SIDE CABINET	NW	EC	120v	20.0																
2	21	CENTRAL CABINET	NW	EC	120v	20.0																
1	22C	STERILIZATION CABINET	NW	EC	120v	20.0																
1	28	SIDE CABINET	NW	EC	120v	20.0																
2	30	INTRAORAL X-RAY	NW	EC	120	20.0																
3	51	STERILIZER	NW	EC	120v	12.0																
1	52	ULTRASONIC CLEANER	NW	EC	120v	2.0																
1	54	STATIM	NW	EC	120v	11.0																
1	55	HANDPIECE MAINTENANCE	NW	EC	120v	5.0																
1	60	COMPRESSOR	NW	EC	220v	40																
1	61	DRY VACUUM SYSTEM	NW	EC	208-230v	20.0																



1031 MENDOTA HEIGHTS ROAD
MENDOTA HEIGHTS, MN

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OWNER:
PALMS MEDICAL

LOCATION:
Main
Lake City, FL

DRAWN BY	EQUIPMENT REP:	EQUIPMENT REP #:
JAC	Bradley Glantz	352-220-2341
PROJECT #:	ISSUE DATE:	
374-536650	07/27/2022	

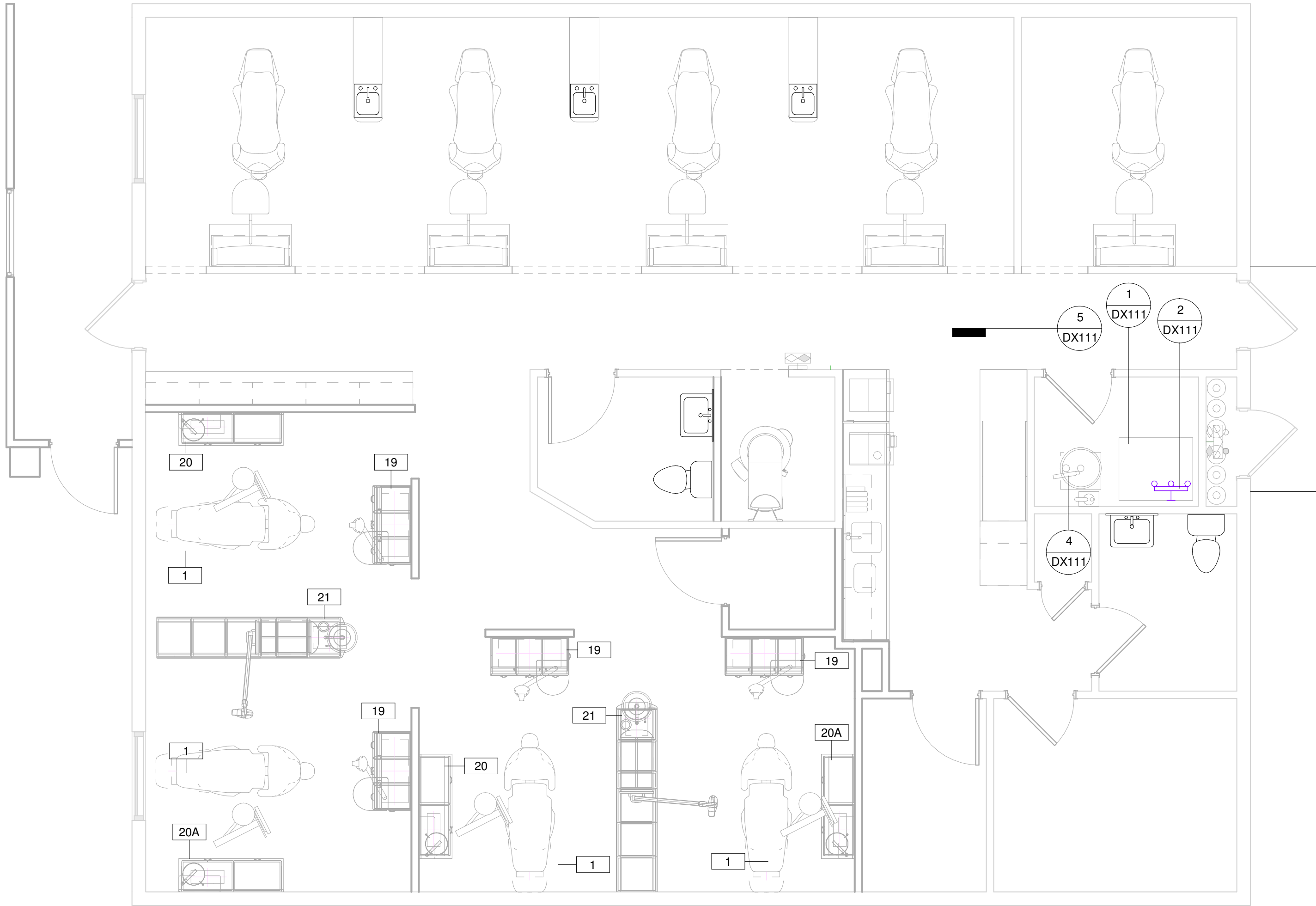
REVISIONS			
REV #	SCOPE	DRAWN BY	DATE
5	REQUIREMENTS	EEH	06/10/2022
6	REQ REV	EEH	07/27/2022

SHEET NO.
DE110

NOT FOR CONSTRUCTION

NOT FOR CONSTRUCTION

PLUMBING SYMBOLS		
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+XX"- INDICATES HEIGHT FROM FINISHED FLOOR TO CENTER OF DEVICE UNLESS OTHERWISE NOTED BELOW, IF ITEM NOT TAGGED HEIGHT IS 18" A.F.F.		
QTY.	SYM.	DESCRIPTION
13		
1		FRESH AIR IN MANIFOLD WALL



EQUIPMENT EXHAUST SCHEDULE			
GENERAL NOTES:-			
ALL ITEMS IDENTIFIED AS "FT" WILL BE INSTALLED AT A FUTURE DATE. ALL UTILITIES NEED TO BE CAP AND CONCEALED FOR FUTURE USE.			
ALL ITEMS WILL BE INSTALLED PER STATE AND LOCAL CODES...			
EQUIPMENT INFO			VENT EXHAUST REMARKS
QTY	ITEM #	DESCRIPTION	
1	60	COMPRESSOR	NW
1	61	DRY VACUUM SYSTEM	NW

① LVL 1 PLUMBING PLAN
1/4" = 1'-0"

[illegible]

**PATTERSON
DENTAL**

1031 MENDOTA HEIGHTS ROAD
MENDOTA HEIGHTS, MN

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OWNER:
PALMS MEDICAL

LOCATION:

Main
Lake City, FL

<u>DRAWN BY:</u> JAC	<u>EQUIPMENT REP:</u> Bradley Glantz	<u>EQUIPMENT REP #:</u> 352-220-2341
<u>PROJECT #:</u> 374-536650	<u>ISSUE DATE:</u> 07/27/2022	

REVISIONS			
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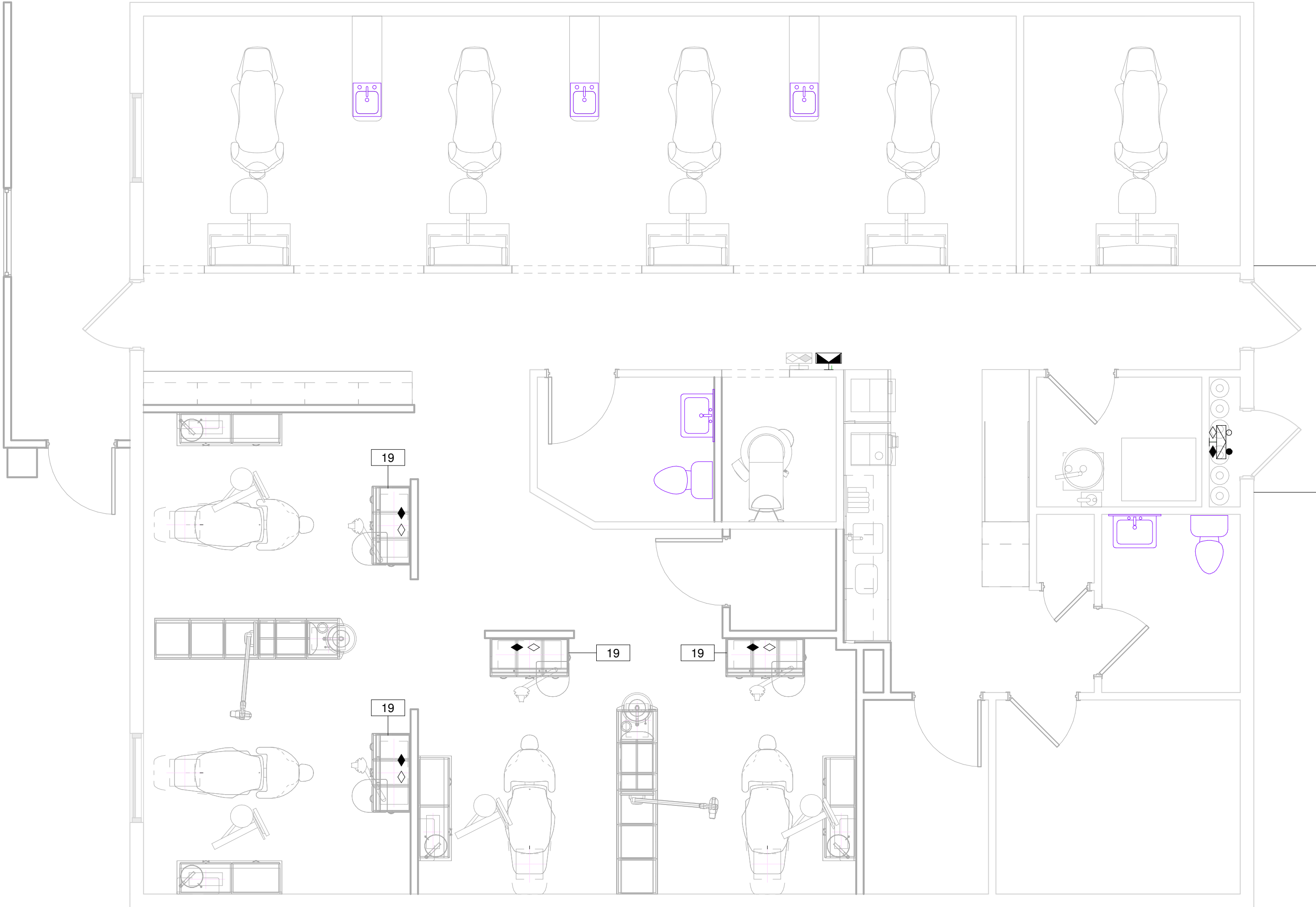


SHEET NO.

DP110

EQUIPMENT N2O-O2 SCHEDULE				
GENERAL NOTES:				
ALL ITEMS IDENTIFIED AS "FT" WILL BE INSTALLED AT A FUTURE DATE. ALL UTILITIES NEED TO BE CAP AND CONCEALED FOR FUTURE USE.				
ALL ITEMS ARE REQUIRED TO BE INSTALLED PER NFPA-99, STATE AND LOCAL CODES.				
EQUIPMENT INFO				MED GAS INFO
QTY	ITEM #	DESCRIPTION	STATUS	1/2" TYPE L OR K COPPER
4	19	REAR CABINET	NW	•

N2O-O2 SYMBOLS		
THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROCURING A MED GAS CERTIFIED PLUMBING SUB-CONTRACTOR FOR ANY LEVEL 3 NITROUS-OXYGEN CONSCIOUS SEDATION SYSTEM DETAILED IN THESE PLANS. ANY NITROUS OXIDE SYSTEM DESIGN SHOWN ON THESE PLANS 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 STRICTLY ADHERE TO ONLY MECHANICALLY ENGINEERED DRAWINGS.		
THE PLUMBING SUB-CONTRACTOR SHALL PROVIDE MED GAS CERTIFICATION IN ACCORDANCE WITH ANY REQUESTS BY THE OWNER, CONTRACTOR, BUILDING DEPARTMENT OR PATTERSON DENTAL PRIOR TO COMMENCING WORK ON ANY TYPE OF CUSTOMER INSTALLED NITROUS OXIDE SYSTEM BEING USED IN THE CONSTRUCTION PROJECT.		
+XX" - INDICATES HEIGHT FROM FINISHED FLOOR TO CENTER OF DEVICE UNLESS OTHERWISE NOTED BELOW, IF ITEM NOT TAGGED HEIGHT IS 18" A.F.F.		
QTY.	SYM.	DESCRIPTION
5		
1		N2O-O2 ALARM ON WALL, IF TAG NOT PRESENT HEIGHT IS 60" TO CENTER OF DEVICE A.F.F.
4		N2O-O2 DISS FITTINGS, IN FLOOR, HEIGHT IS NOT TO EXCEED 3" A.F.F TO TOP OF DEVICE
1		N2O-O2 MANIFOLD ON WALL, UNLESS OTHERWISE NOTED HEIGHT IS 60" TO BOTTOM OF DEVICE A.F.F.



① LVL 1 MEDGAS PLAN
1/4" = 1'-0"



**PATTERSON
DENTAL**

1031 MENDOTA HEIGHTS ROAD
MENDOTA HEIGHTS, MN

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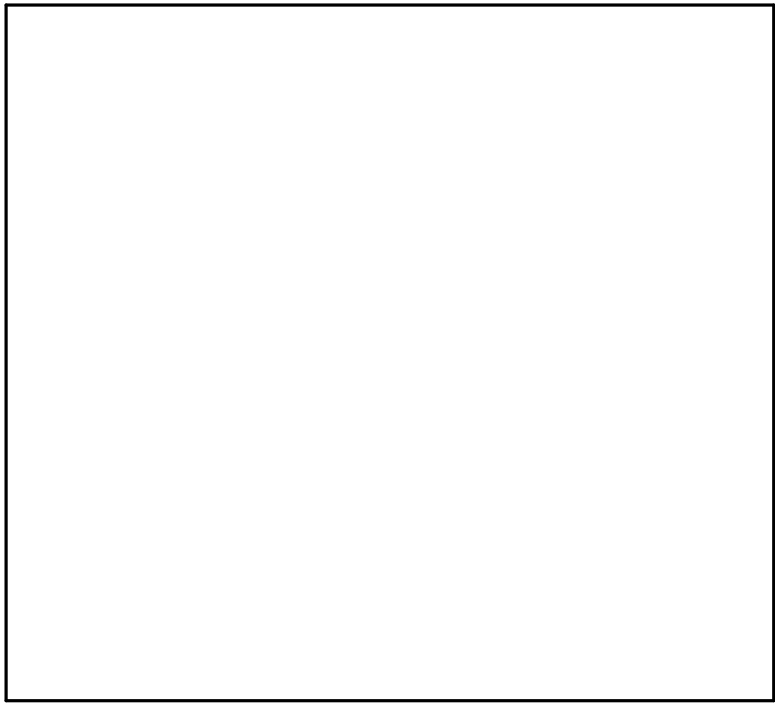
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OWNER:
PALMS MEDICAL

LOCATION:
**Main
Lake City, FL**

DRAWN BY	EQUIPMENT REP:	EQUIPMENT REP #:
JAC	Bradley Glantz	352-220-2341
PROJECT #:	ISSUE DATE:	
374-536650	07/27/2022	

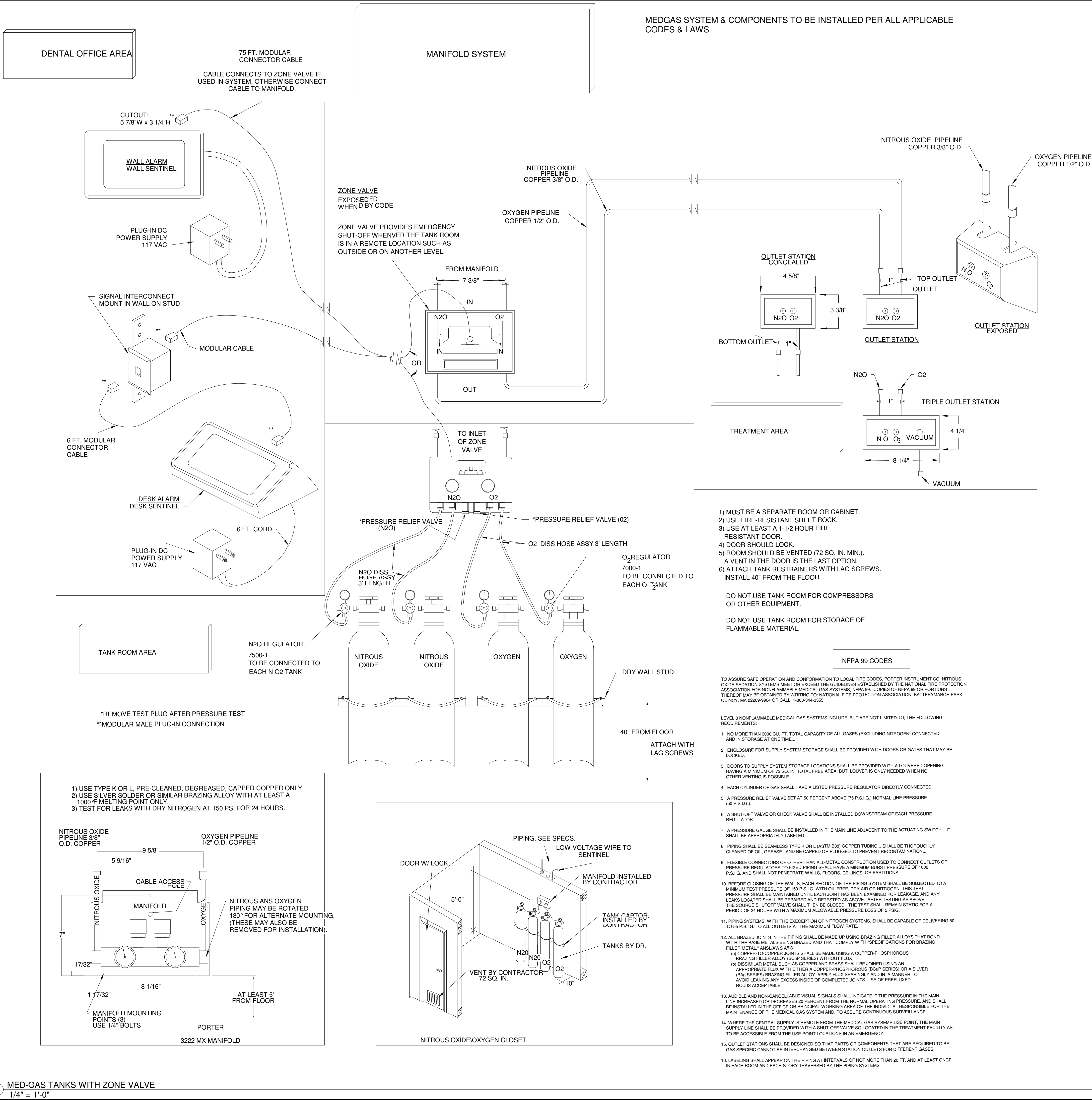
REVISIONS			
REV #	SCOPE	DRAWN BY	DATE
5	REQUIREMENTS	EEH	06/10/2022
6	REQ REV	EEH	07/27/2022



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DP111

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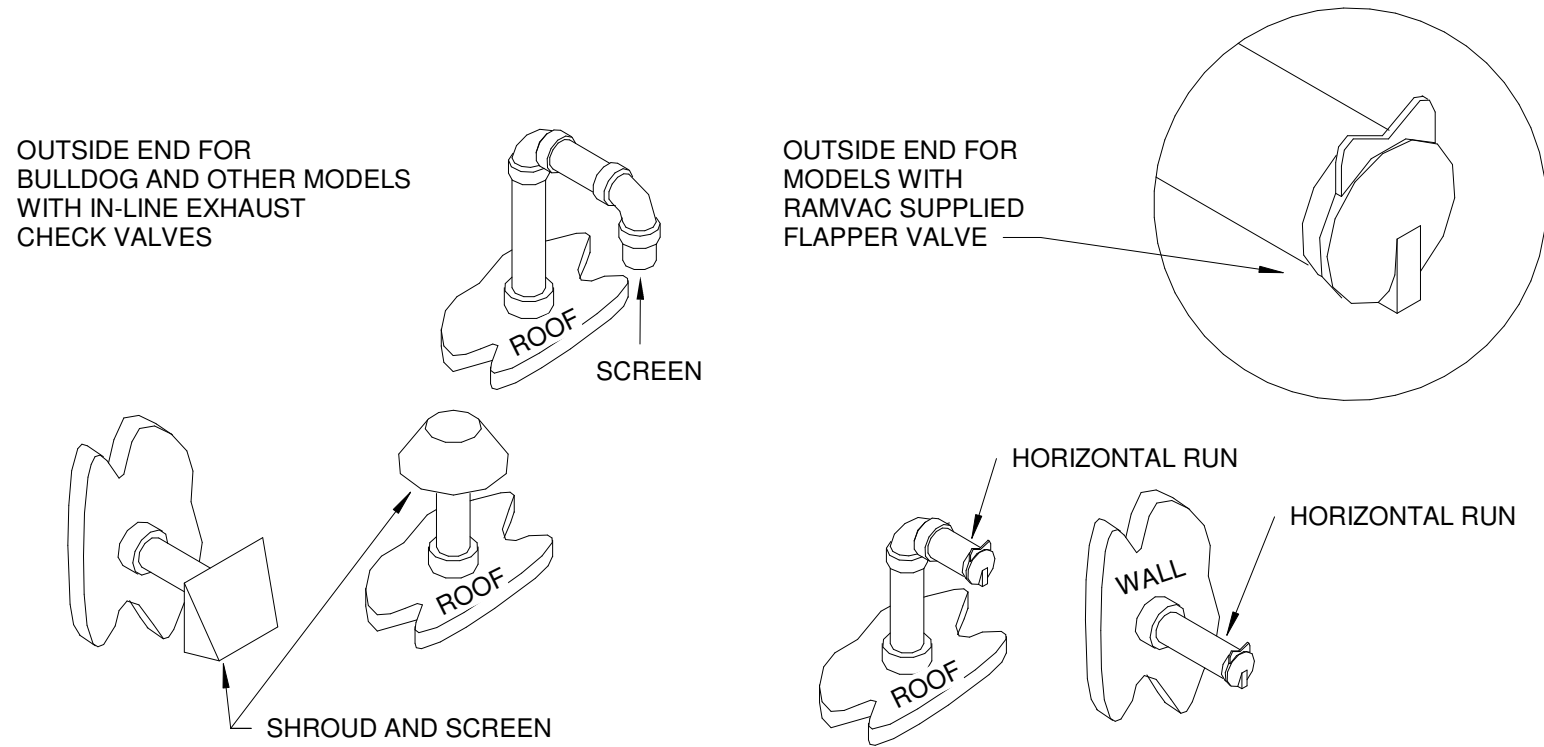
LOCATION:

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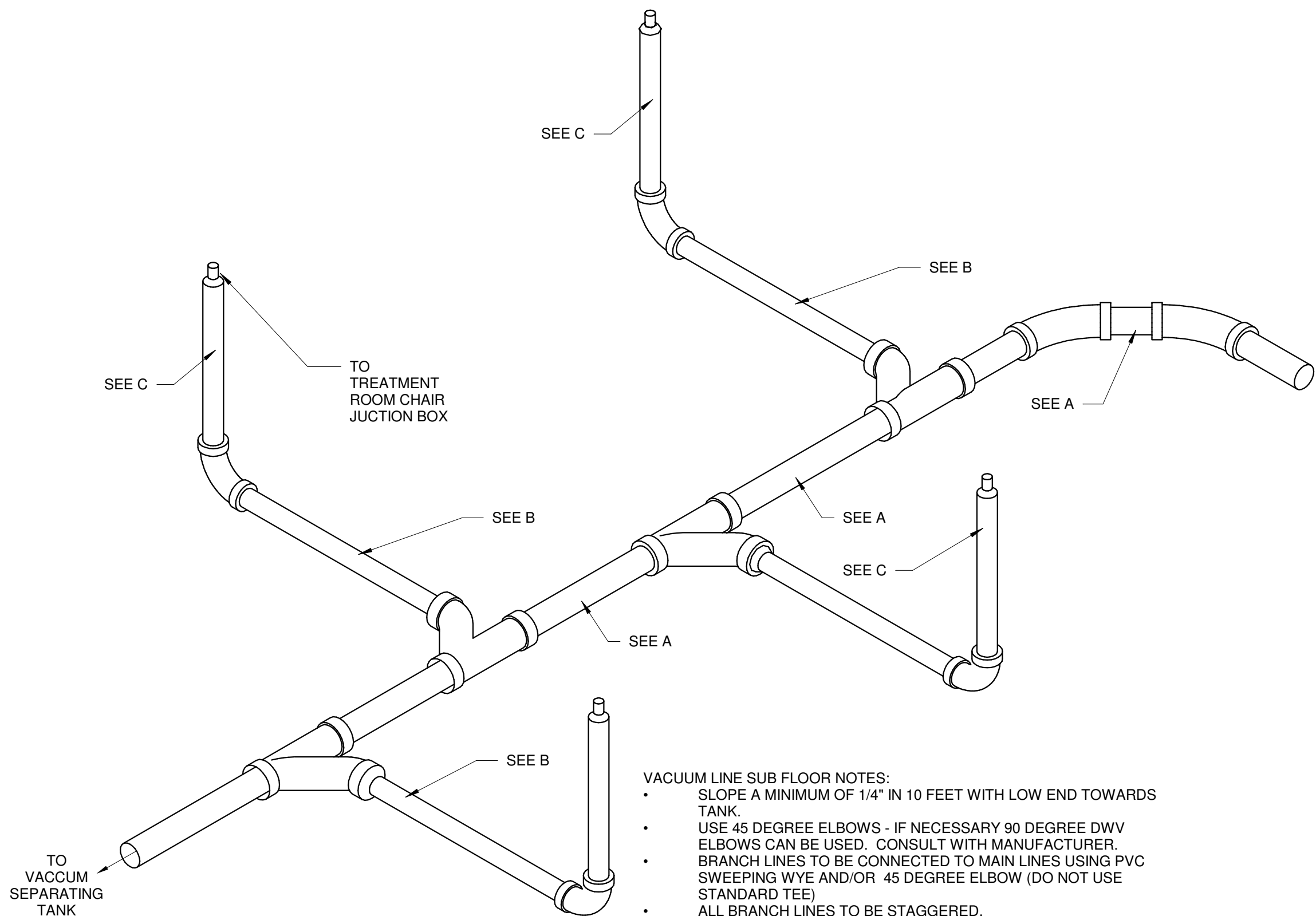
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BM 360/074-Palms Medical-536650-074-Palms Medical-536650-04



- PROTECT OUTSIDE END OF EXHAUST FROM ENTRY OF WATER, DEBRIS, AND CREATURES.
- POINT AWAY FROM PREVAILING WINDS, CLEAR OF SNOW OR OTHER OBSTRUCTIONS.
- CLEAR ROOF TOPS OR OUTSIDE WALLS BY A MINIMUM OF 6 INCHES.
- LOCATE IN AN INCONSPICUOUS SITE AWAY FROM DOORS, WINDOWS OR VENTILATION INTAKES.
- ALL WORK MUST COMPLY WITH 1996 NFPA 99C.

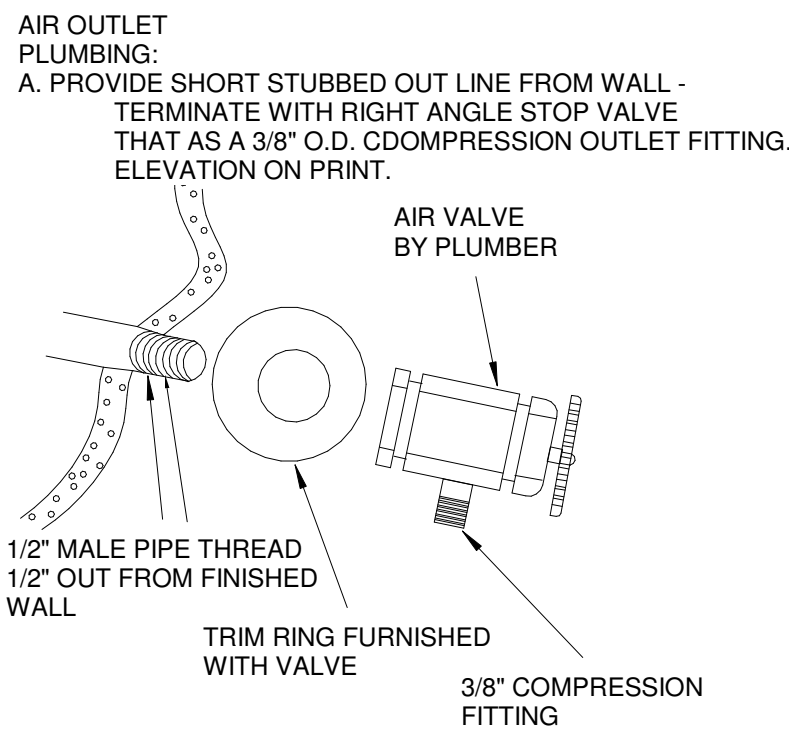
③ EXHAUST PIPING - OUTSIDE END
1 1/2" = 1'-0"



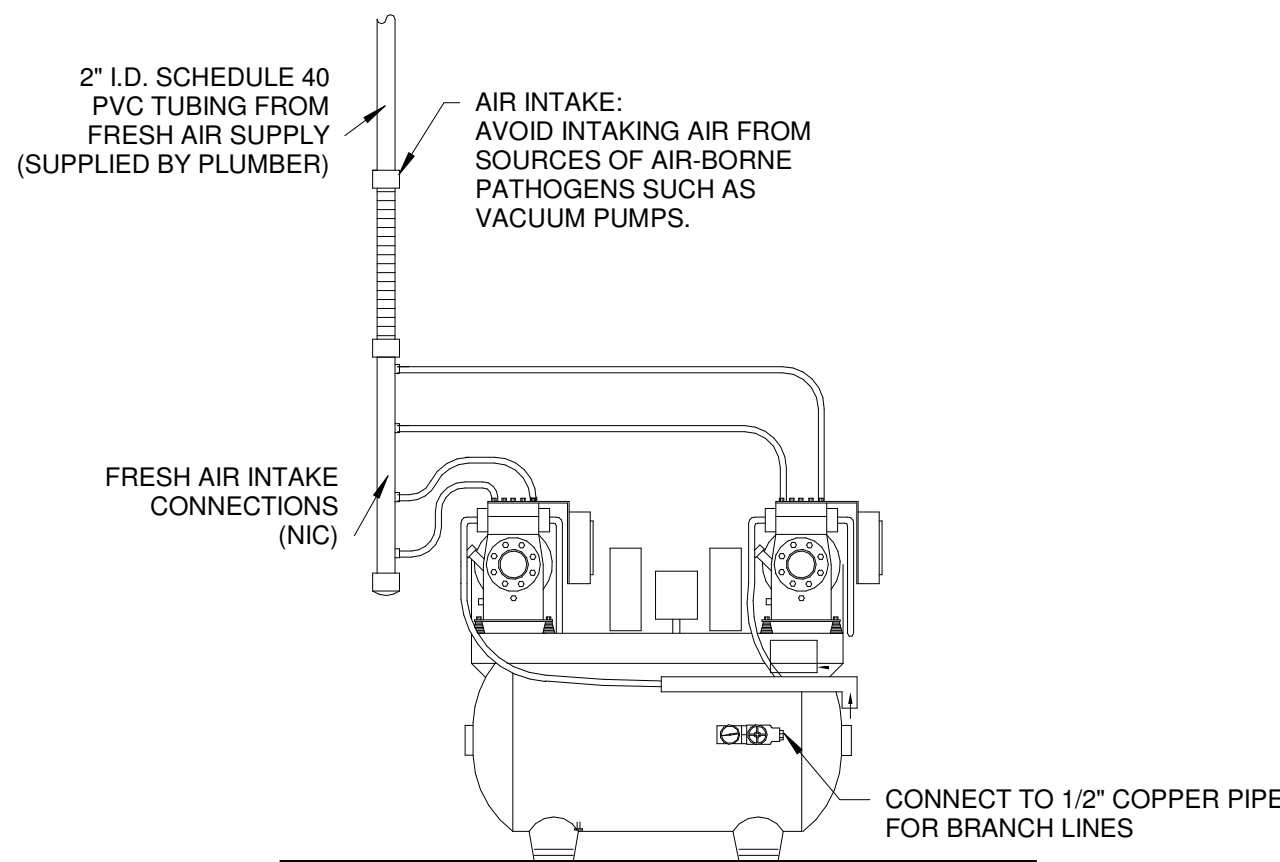
- VACUUM LINE SUB FLOOR NOTES:
- SLOPE A MINIMUM OF 1/4" IN 10 FEET WITH LOW END TOWARDS TANK.
 - USE 45 DEGREE ELBOWS - IF NECESSARY 90 DEGREE DWV ELBOWS CAN BE USED. CONSULT WITH MANUFACTURER.
 - BRANCH LINES TO BE CONNECTED TO MAIN LINES USING PVC SWEEPING WYE AND/OR 45 DEGREE ELBOW (DO NOT USE STANDARD TEE)
 - ALL BRANCH LINES TO BE STAGGERED.
 - IF AN INLINE LOW SPOT IS UNAVOIDABLE, PLACE IT IN A KNOWN LOCATION AND INCORPORATE A CLEAN OUT.
 - ALL WORK MUST COMPLY WITH 2005 NFPA 99C.

MIDMARK POWERVAC (P & G)						
IF A PIPING DIAGRAM IS PROVIDED BY THE MANUFACTURER, IT SUPERCEDES THIS CHART. IF NOT, USE THIS CHART IN CONFERENCE WITH PATTERSON DENTAL REP.						
		SINGLE P3, P5 OR P7	TWIN P6, P10 OR P14	SINGLE G3, G5 OR G7	TWIN G6, G10 OR G14	
		NUMBER OF ROOMS				
		1-2	3-4	5-6	7-9	10-12
A	MAIN LINE DIAMETER MINIMUM-MAXIMUM	3/4" PVC SCH. 40	1" PVC SCH. 40	1-1/4" PVC SCH. 40	1-1/2" PVC SCH. 40	2" PVC SCH. 40
B	BRANCH LINE DIAMETER MINIMUM-MAXIMUM	3/4" PVC SCH. 40	1" PVC SCH. 40	1-1/4" PVC SCH. 40	1-1/2" PVC SCH. 40	2" PVC SCH. 40
C	RISER LINE DIAMETER	3/4" PVC SCH. 40	1" PVC SCH. 40	1-1/4" PVC SCH. 40	1-1/2" PVC SCH. 40	2" PVC SCH. 40

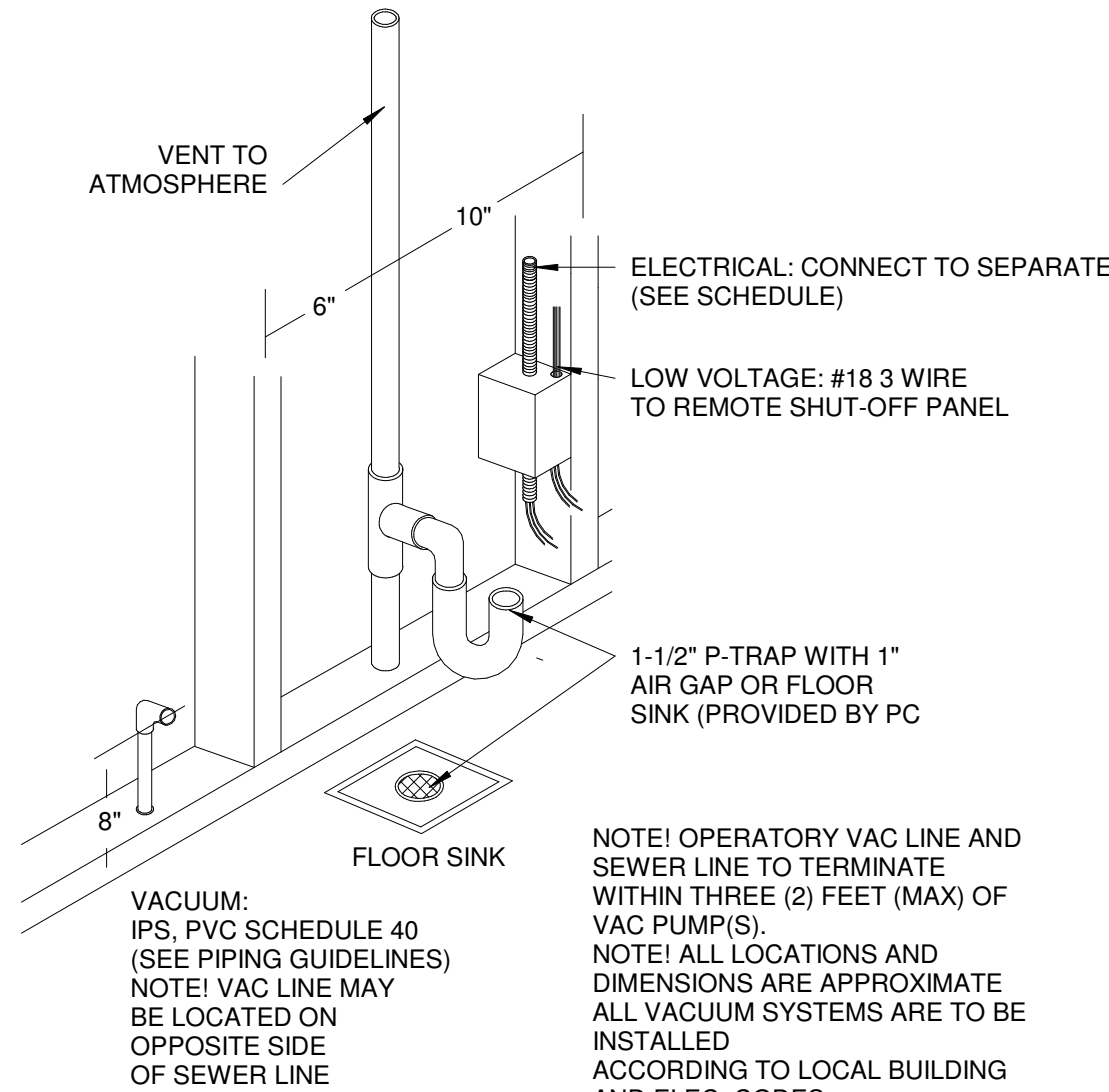
⑤ VACUUM LINE - SUB FLOOR (MIDMARK POWERVAC (G))
1 1/2" = 1'-0"



② AIR OUTLET
3" = 1'-0"



① AIR COMPRESSOR
1 1/2" = 1'-0"



④ VAC DRY
1 1/2" = 1'-0"

PATTERSON
DENTAL

1031 MENDOTA HEIGHTS ROAD
MENDOTA HEIGHTS, MN

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