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A. REFER TO ENGINEERING DRAWINGS FOR COORDINATION AND ADDITIONAL SCOPE AND INFORMATION.

B. CEILING TILE TO BE ACT-01 UNLESS NOTED OTHERWISE.

C. ALL COMPLETED CEILING INSTALLATIONS MUST APPEAR LIKE NEW. TILES SHALL HAVE NO MARKS, CRACKS OR CHIPS. GRID SHALL BE FREE OF ALL BENDS, KINKS, MARKS AND SCREW HOLES FROM PREVIOUS INSTALLATIONS. PATCH, REPAIR, ADJUST AND REPLACE CEILING TILE AND GRID AS NECESSARY.

D. CEILING HEIGHT TO BE 10'-0" ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE.

E. CONFIRM ALL EXISTING TO REMAIN LIGHT FIXTURES ARE IN GOOD WORKING CONDITION, INCLUDING APPEARANCE. PROVIDE NEW LAMPS AS NECESSARY.

F. PROVIDE EXIT SIGNS AS INDICATED AND AS REQUIRED PER APPLICABLE CODES.

G. ALL SPRINKLER MODIFICATIONS REQUIRED ARE TO COMPLY WITH ALL APPLICABLE CODES. PROVIDE BUILDING STANDARD SPRINKLER HEADS IN AREAS OF CEILING TILE. CENTER SPRINKLERS IN CEILING TILE. PROVIDE FULLY CONCEALED SPRINKLER HEADS IN AREAS OF GYPSUM BOARD CEILINGS IN COLOR TO MATCH ADJACENT SURFACE.

H. ALL NEW AND EXISTING CEILING MOUNTED ELECTRICAL DEVICES, SPRINKLER HEAD COVER PLATES, ETC. SHALL MATCH IN COLOR.

I. PROVIDE ACCESS AS REQUIRED FOR INSTALLATION AND MAINTENANCE OF ABOVE CEILING ELEMENTS. COORDINATE LOCATIONS AND TYPES OF ACCESS PANELS WITH OTHER TRADES.

J. PROVIDE CONTROL JOINTS AT 30'-0" ON CENTER IN NEW GYPSUM BOARD WALLS.

K. PROVIDE CONCEALED FIRE RESISTANT TREATED (FRT), MOISTURE RESISTANT WOOD WHERE BLOCKING IS REQUIRED.

L. ALL LIGHT FIXTURE DIMENSIONS ARE TO THE CENTERLINE OF THE FIXTURE, UNLESS NOTED OTHERWISE.

M. ALL LIGHT FIXTURES ARE CENTERED AND SPACED EQUALLY WITHIN THE PLAN AREA, UNLESS NOTED OTHERWISE.

N. FACE ALL SEAMS OF PENDANT FIXTURES THE SAME DIRECTION AWAY FROM MAIN VIEW OF SPACE.

O. REMOVE ALL MANUFACTURER TAGS FROM ALL LIGHT FIXTURES.

P. GANG MULTIPLE SWITCHES WITH A SINGLE COMMON COVERPLATE. ALL COVER PLATES SHALL BE WHITE WITH WHITE SWITCHES AND RECEPTACLES, UNLESS NOTED OTHERWISE.

GENERAL NOTES

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A. REFER TO SHEET A103 FOR WALL TYPES. ALL NEW WALLS SHALL BE WALL TYPE 1 UNLESS NOTED OTHERWISE.

B. REFER TO SHEET A103 FOR DOOR, FRAME AND HARDWARE SCHEDULES AND DETAILS.

C. VERIFY ALL DIMENSIONS INDICATED AS "FIELD VERIFY" OR "FV" ON THE DRAWINGS PRIOR TO CONSTRUCTION. NOTIFY THE ARCHITECT OF ANY CONFLICTS.

D. COORDINATE SECURITY, IT AND AV REQUIREMENTS WITH TENANT AND OWNER.

E. REFER TO ENGINEERING DRAWINGS FOR COORDINATION AND ADDITIONAL SCOPE AND INFORMATION.

F. MAINTAIN ALL FIRE, LIFE SAFETY AND EGRESS PATHWAYS AND EXITS THROUGHOUT THE COURSE OF DEMOLITION AND CONSTRUCTION.

G. MAINTAIN ALL EXISTING TO REMAIN FIRE-RATED ASSEMBLIES AND COMPONENTS.

H. PROVIDE BUILDING STANDARD FIRE EXTINGUISHERS AND CABINETS WHERE INDICATED. FINAL QUANTITIES AND LOCATIONS TO BE COORDINATED AND APPROVED WITH THE AUTHORITY HAVING JURISDICTION.

I. PROVIDE ALL ROOM, STAIR, RESTROOM AND OCCUPANCY SIGNAGE REQUIRED BY APPLICABLE CODES AND ADA. SIGNAGE DESIGN TO MATCH BUILDING STANDARD UNLESS NOTED OTHERWISE.

J. PATCH AND REPAIR EXISTING WALLS AND SURFACES TO BE ALIGNED WITH NEW WALLS AND SURFACES. FINISHED SURFACES TO BE ALIGNED AND TEXTURED SO AS TO BE SEAMLESS IN APPEARANCE.

K. VERIFY THAT EXISTING WALLS EXTEND TO THE BOTTOM OF STRUCTURE WHEN ADJACENT TO NEW WALL TYPES EXTENDING TO THE BOTTOM OF STRUCTURE. EXTEND ADJACENT EXISTING WALLS TO MATCH NEW CONSTRUCTION.

L. PATCH AND REPAIR ALL EXISTING TO REMAIN WALLS AS REQUIRED TO RECEIVE NEW SCHEDULED FINISHES.

M. REPLACE ANY DAMAGED OR MISSING INSULATION OR VAPOR BARRIER TO MATCH EXISTING.

N. PROVIDE CONCEALED FIRE RESISTANT TREATED (FRT), MOISTURE RESISTANT WOOD WHERE BLOCKING IS REQUIRED.

O. PROVIDE AND INSTALL VERTICAL CONTROL JOINTS AT 30'-0" ON CENTER IN NEW GYPSUM BOARD WALLS. SUBMIT LAYOUT TO ARCHITECT FOR REVIEW PRIOR TO INSTALLATION.

P. REUSE EXISTING DOORS, FRAMES AND HARDWARE WHERE POSSIBLE. DOORS, FRAMES AND HARDWARE SALVAGED FROM DEMOLITION MAY ONLY BE REUSED IF IN "LIKE NEW" CONDITION AND MATCHING NEW CONSTRUCTION FINISHES AND HEIGHTS.

Q. LOCATE ALL DOORS 4" FROM THE ADJACENT WALL FACE MEASURED FROM THE OUTSIDE EDGE OF THE DOOR FRAME UNLESS NOTED OTHERWISE.

R. REMOVE DAMAGED EXISTING CAULK AND SEALANT AND REPLACE AS REQUIRED.

GENERAL NOTES

A25

REFLECTED CEILING PLAN

A05

02'4'8'

1/4" = 1'-0"

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FLOOR PLAN

A05

02'4'8'

1/4" = 1'-0"

N

1

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Perspective

ARCHITECTURE + DESIGN

2000 SHAWNEE MISSION PARKWAY  
SUITE 100  
MISSION WOODS, KS 66205

816 502 1500

WWW.PAD.STUDIO

REES MASLONIS TURLEY ARCHITECTURE, LLC  
MISSOURI CERTIFICATE OF AUTHORITY # 00918

STATE OF MISSOURI  
MATTHEW MASLONIS  
ARCHITECT  
LICENSED PROFESSIONAL ARCHITECT  
NOV 03 2021

MATTHEW MASLONIS - ARCHITECT  
MISSOURI # A-6005

I have prepared the drawings and assume responsibility for the sheets numbered with an "A" prefix for the project named below.  
Other drawings and specifications attached for the above-mentioned project have been by and are the responsibility of the licensed engineer whose stamp and firm appear on that sheet.  
The Architect is not responsible for the design of the mechanical, electrical, plumbing, civil, landscaping, structural, signage (not specified), fire sprinkler or fire suppression systems, and does not take responsibility for the compliance of these areas with the laws of the above governmental entities. The architect is not responsible for materials, components or equipment, as well as the method in which they are installed on the project by others. The Architect is not hired or responsible for certification, during construction or upon completion of construction. The Architect is not responsible for improper operation due to faulty installation or product failure during construction or after completion of construction when operation has begun by the landlord or tenant.  
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PROJECT

JORDAN'S CHIROPRACTIC

SUMMIT CREST PLAZA  
3552 SW MARKET STREET  
LEE'S SUMMIT, MO 64082

MARK

DATE

DESCRIPTION

1

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SHEET TITLE

FLOOR PLAN AND REFLECTED CEILING PLAN

PROJECT NUMBER  
2020074.000

SHEET AUTHOR  
KR

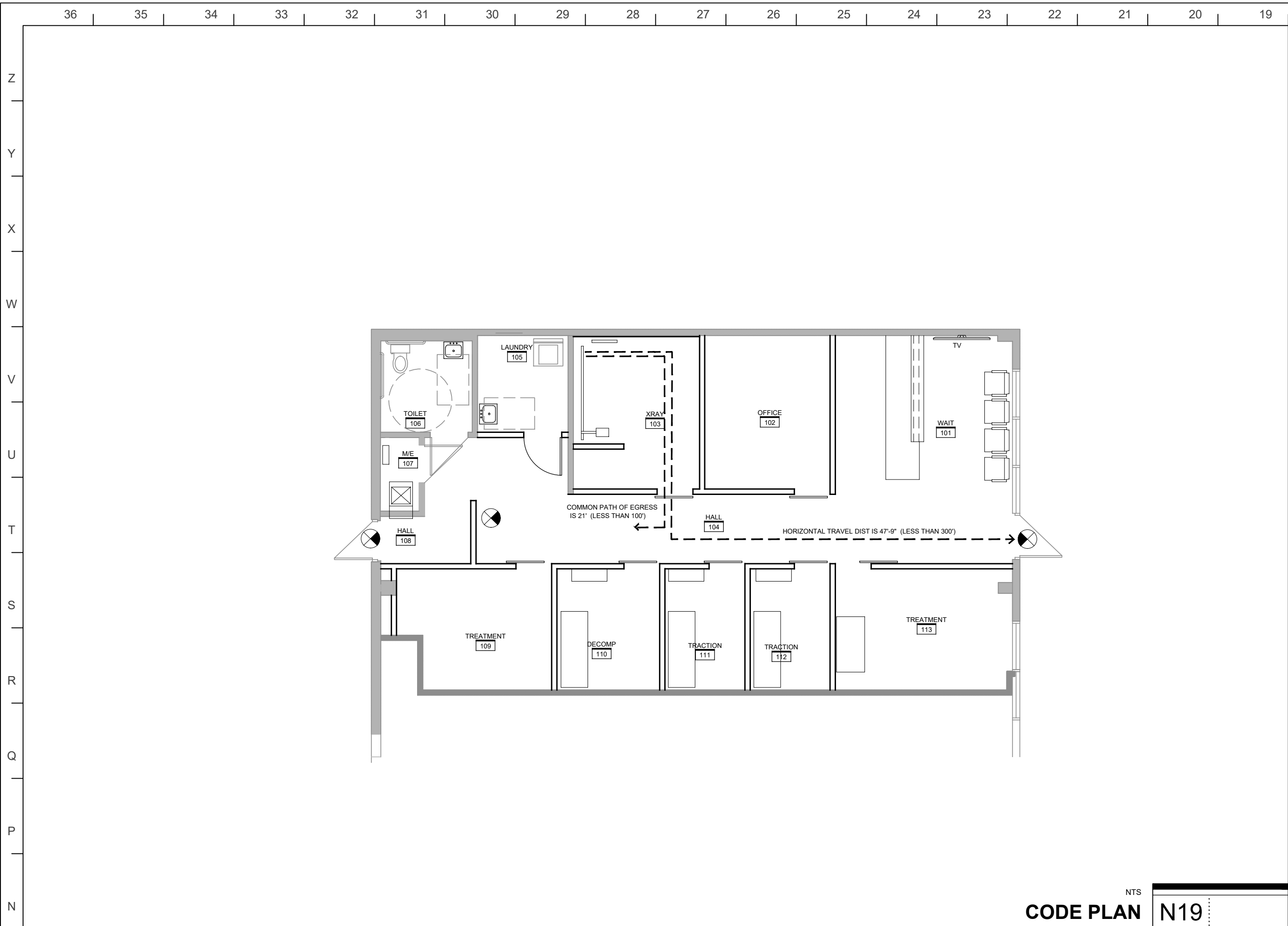
CHECKED BY  
JM

DATE  
FEBRUARY 3, 2021

SHEET NUMBER

A101

PERMIT SET



CODE	MATERIAL	MANUFACTURER	STYLE/COLOR	COMMENTS
FLOOR				
LVT-01	LUXURY VINYL TILE	TBD	PLANK	-
CFT-01	PORCELAIN FLOOR TILE	TBD	TBD	-
EXT-01	EXISTING	-	EXISTING FLOOR TO REMAIN	-
BASE				
RWB-01	RUBBER WALL BASE	TBD	4" HIGH COVE BASE	-
TWB-01	TILE WALL BASE	TBD	4" HIGH COVE TILE BASE	-
WALL				
PNT-01	PAINT	TBD	TBD	EGGSHELL
PNT-02	NOT USED			
PNT-03	DOOR FRAMES	TBD	TBD	SEMI-GLOSS AT DOOR FRAMES
PNT-04	SOFFIT	TBD	TBD	FLAT
TIL-01	CERAMIC WALL TILE	TBD	2X6 SUBWAY TILE	GROUT COLOR TO MATCH TILE, SCHLUTER TILE TRANSITION AT EDG
CEILING				
ACT-01	ACOUSTICAL CEILING TILE	TBD	2X2 TILE	-

- GENERAL NOTES** A25
- REFER TO SHEET A102 FOR FINISH LEGEND AND SCHEDULE. FINISH PLAN IS NOT REPRESENTATIVE OF ALL FINISHES.
  - DETERMINE AVAILABILITY OF ALL MATERIALS DURING BIDDING AND PRICING PHASE. ANY DELIVERY SCHEDULE THAT MAY BE IN CONFLICT WITH THE CONSTRUCTION SCHEDULE SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AS SOON AS POSSIBLE.
  - EXTEND ALL FINISHES (INCLUDING PAINT) BENEATH, BEHIND AND AROUND ALL NEW AND EXISTING TO REMAIN FURNITURE, CASEWORK, EQUIPMENT, SIGNAGE, ETC. WHETHER INDICATED OR NOT.
  - PROVIDE SCHLUTER METAL TRANSITION STRIP IN CLEAR ANODIZED FINISH BETWEEN PORCELAIN TILE OR CONCRETE AND LVT.
  - ALIGN ALL FLOORING TRANSITIONS WITH CENTERLINE OF DOOR OR FACE OF ADJACENT WALL UNLESS NOTED OTHERWISE.
  - FLOORING TO BE LVT-01 UNLESS NOTED OTHERWISE.
  - WALL BASE TO BE RWB-01 UNLESS NOTED OTHERWISE.
  - WALL BASE TO BE TWB-01 AT LOCATIONS OF FLOOR TILE CTF-01.
  - WALL FINISH TO BE PNT-01 UNLESS NOTED OTHERWISE. ACCENT COLOR LOCATIONS TO BE DETERMINED BY TENANT.
  - DOOR FRAMES TO BE PNT-03 UNLESS NOTED OTHERWISE.
  - GYPSUM BOARD SOFFITS TO BE PNT-04 UNLESS NOTED OTHERWISE.
- LEGEND:**
- NEW LVT-01
  - EXISTING FLOORING TO REMAIN
  - NEW CTF-01 AND TWB-01

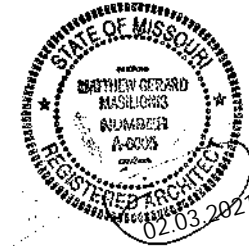


- FINISH LEGEND** N01
- ① PROVIDE TIL-01 AT ALL WALL AREAS EXTENDED 2 FEET WITHIN SINK AND TOILET TO A MINIMUM OF 48" ABOVE FINISHED FLOOR.
- KEYNOTES** A01

Perspective  
ARCHITECTURE + DESIGN

2000 SHAWNEE MISSION PARKWAY  
SUITE 100  
MISSION WOODS, KS 66205  
816 502 1500  
WWW.PAD.STUDIO

REES MASLONIS TURLEY ARCHITECTURE, LLC  
MISSOURI CERTIFICATE OF AUTHORITY # 00918



MATTHEW MASLONIS - ARCHITECT  
MISSOURI # A-6005

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PROJECT  
**JORDAN'S CHIROPRACTIC**  
SUMMIT CREST PLAZA  
3552 SW MARKET STREET  
LEE'S SUMMIT, MO 64082

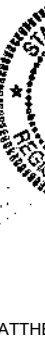
MARK	DATE	DESCRIPTION

SHEET TITLE  
**FINISH PLAN AND  
FINISH LEGEND  
CODE PLAN**

PROJECT NUMBER  
2020074.000  
SHEET AUTHOR  
KR  
CHECKED BY  
JM  
DATE  
FEBRUARY 3, 2021

SHEET NUMBER  
**A102**

PERMIT SET

<h1>Perspective</h1> <p>ARCHITECTURE + DESIGN</p> <p><b>2000 SHAWNEE MISSION PARKWAY SUITE 100 MISSION WOODS, KS 66205</b></p> <p><b>816 502 1500</b></p> <p><b>WWW.PAD.STUDIO</b></p> <p>REES MASILIONIS TURLEY ARCHITECTURE, LLC MISSOURI CERTIFICATE OF AUTHORITY # 00918</p> <div></div> <p><b>MATTHEW MASILIONIS - ARCHITECT</b> MISSOURI # A-6005</p> <p>I have prepared the drawings and assume responsibility for the sheets numbered with an "A" prefix for the project named below.</p> <p>Other drawings and specifications attached for the above-mentioned project have been by and are the responsibility of the licensed engineer whose stamp and firm appear on that sheet.</p> <p>The Architect is not responsible for the design of the mechanical, electrical, plumbing, civil, landscaping, structural, signage (not specified), fire sprinkler or fire suppression systems, and does not take responsibility for the compliance of these areas with the laws of the above governmental entities. The architect is not responsible for materials, components or equipment, as well as the method in which they are installed on the project by others. The Architect is not hired or responsible for certification during construction or upon completion of construction.</p> <p>The Architect is not responsible for improper operation due to faulty installation or product failure during construction or after completion of construction when operation has begun by the landlord or tenant.</p> <p>The licensed professional whose stamp appears on sheets other than those specifically noted above shall be responsible for those items in paragraph three.</p>		
<p>PROJECT</p> <h2>JORDAN'S CHIROPRACTIC</h2> <p>SUMMIT CREST PLAZA 3552 SW MARKET STREET LEE'S SUMMIT, MO 64082</p>		
MARK	DATE	DESCRIPTION
<p>SHEET TITLE</p> <h3>WALL TYPE, DETAILS DOOR SCHEDULE ELEVATIONS</h3>		
PROJECT NUMBER	20200774.000	
SHEET AUTHOR	KR	
CHECKED BY	JM	
DATE	FEBRUARY 3, 2021	
SHEET NUMBER	<h1>A103</h1>	
		<p><b>PERMIT SET</b></p>







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PLUMBING

1.0 SCOPE:

A. The work included under this contract consists of providing all labor, materials, tools, transportation, services, etc., necessary to complete the installation and to provide complete working systems of the Plumbing Systems, including hot and cold water, waste and vent, storm drainage, fixtures, equipment and other items described in these specifications, as illustrated in the accompanying drawings or as directed by the Architect/Engineer.

B. Extend piping systems as indicated on contract documents or to point of connection as follows:

1. Points of connection within the existing building.

2.0 PIPING, FITTINGS AND VALVES:

A. Provide service valves for each item of equipment, at branch piping and elsewhere as indicated or required. Provide balance valves, strainers, check valves and other valves as indicated or required by the application.

B. Provide a union or flanged connection between each item of equipment and its service valve. Copper to ferrous pipe connections shall have isolation coupling, flange or union.

C. Domestic water, interior, above ground -

1. Pipe, copper tube -

a. 2-1/2" and Smaller -Type "L" hard temper, wrought or cast copper fittings, Lead free 95/5 or Eagle Hard Silvacbrite or "CB" solder joints.

2. Securely anchor and support piping, valves and fittings, with adequate provisions for expansion and contraction. Grade lines, free of traps, to low point at cut-off and drain valve.

3. Hot and cold supply lines to have manufactured pre-charged piston type water hammer arresters sized and installed in accordance with FDI-WH 201. Install at each solenoid actuated quick closing valve location including but not limited to dishwashers, clothes washers, ice makers, electronic faucets and similar items. Provide access panel where required.

D. Sanitary sewer, vent, interior --

1. Pipe - Standard weight cast iron hubless with no-hub shielded mechanical joints; solid wall schedule 40 PVC, ABS with solvent cement joints; vents may be galvanized malleable iron.

2. Plastic piping shall not be allowed in return air plenums.

3. Hub drains, where shown, shall be of material compatible with piping system, 2" minimum connection size, top flared out to accept indirect wastes required at each location. Hub drains shall be fitted with trap guards. Floor mounted hub drains shall extend 2" above finish floor.

4. All gravity drainage shall be graded per code but not less than 1/8" per foot unless noted otherwise. 3" and 4" piping shall be sloped at 1/4" per foot where possible and where required by local codes.

3.0 CLEANOUTS, TEST TEES, TRAPS AND TRAP SEALS:

A. Provide cleanout at the base of each stack or riser, at ends of runs greater than 10', each 135 degree aggregate change of direction in horizontal piping, where indicated on the drawings or as required by code. Plugs, extra heavy cast brass, screwed. Scribed tops in unfinished areas, carpet markets in carpet floors, tile top in tile floors, stainless steel cover in finished walls. Cleanouts same size as pipe up to 4" diameter, 4" cleanouts for larger pipe unless otherwise noted.

B. All traps shall be deep seal type with liquid seal not less than specified by code.

C. Where trap primers are not specified provide all floor and hub drains with trap seal with EPDM diaphragm, Provent Proset Series SG22 or TG22, Rectorseal SS series or acceptable equal.

4.0 SLEEVES AND SEALS, FLASHINGS, ROOF PIPE SUPPORTS AND UV PROTECTION:

A. Provide sleeves where piping penetrations are required thru partitions, concrete floors, concrete slabs on or below grade or foundation walls. Where penetrations are through fire rated assemblies, sleeves shall be in accordance with UL listing requirements. Sleeves shall be galvanized steel pipe, sheet steel or cast iron. Sleeves are not required for core drilled penetrations of existing concrete slabs above grade. Penetrations of below grade structures and slabs on grade shall be water proofed with mechanical link seal system, Thunder Line or acceptable equivalent.

5.0 CROSS- CONNECTIONS AND INTERCONNECTIONS:

A. No plumbing device or piping shall be installed which will provide cross-connection or interconnection between a distributing supply or waste so as to make possible the backflow or back-siphonage of polluted water into the potable water supply system. Where the possibility of back-siphonage exists, water supply to the fixture shall be introduced through a suitable backflow preventer device suitable for the hazard protected. Installed backflow preventers must be approved through the University of Southern California Foundation for Cross-Connection Control and Hydraulic Research.

6.0 PLUMBING EQUIPMENT:

A. Water heaters, pumps, expansion tanks and other equipment shall be as scheduled or by acceptable equal by one of the following:

Water Heaters and Accessories:

Water Heaters: A.O. Smith, State, Rheem.

Expansion Tanks: Watts, Amtrol, Armstrong, Taco, Wessels.

B. Water Heater Installation

1. Pipe water heater drains and/or pan drains to indirect waste per code and as noted or detailed. Water heater P&T relief valves shall be piped independently, indirectly wasted 6" above receptor per code and as noted or detailed.

2. Install vacuum relief valve on each bottom fed storage water heater, installed above the top of the water heater on cold water inlet piping.

3. Mount water heaters suspended from structure on steel rods as indicated on drawings.

4. Water piping connections to water heaters shall be metallic, no plastic piping is permitted within 18" of a water heater connection. [Provide 18" minimum flexible corrugated copper or braided stainless steel connector hoses with compression ends for water heaters with 3/4" water connections.

C. Pumps used for potable water system applications shall be of lead free all bronze or stainless steel construction.

D. Provide equipment accessories including but not limited to operating controls, limit switches, oil sensors, high level controls, limiters, aquastats, energy management system interface, etc. as indicated on drawings and as required for a complete operating system.

7.0 INSULATION:

A. Pipe insulation shall conform to the International Energy Conservation Code.

B. Insulate all cold water, hot water piping, Owens Corning or acceptable equal.

1. Cold water piping insulation: 1" fiber glass sectional pipe covering with universal vapor barrier jacket.

2. Hot Water piping insulation: 1" fiber glass sectional pipe covering with universal all service jacket.

C. At Contractor's option, Armacell AP Armaflex unicellular insulation or acceptable equal with 25/50 flame and smoke rating with equal thermal performance may be substituted for fiberglass products.

D. Seal all joints on cold water insulation to maintain vapor barrier.

E. Insulation shall run continuously thru hangers and supports without interruption.

F. Refer to plumbing fixture schedule for insulation of fixture drains and water piping for compliance with ADA requirements for People with Disabilities.

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ELECTRICAL

1.0 SCOPE:

A. The work included under this contract consists of the furnishing of all labor, materials, tools, transportation, services, etc., necessary to complete the installation of the electrical systems and other items herein listed, all as directed by the Architect or Engineer, which work is comprised of, but not limited to the following principal items:

1. Electrical system for light and power:

a. Systems of conduit, conductors, and boxes.

b. Receptacles and wiring devices.

c. Lighting fixtures and lamps.

d. Power service to the various motors.

e. Complete lighting and power systems.

f. All systems, wiring and conduit as required.

2. Control wiring and electrical installation and connections for items in other contracts as may be listed in the drawings.

3. Empty conduit and boxes for future installation of telephone wiring and miscellaneous systems.

4. Rough-in and final connection to equipment furnished by others.

B. Raceway wiring systems shall be concealed in all finished parts of the building, where possible. Where the raceways are exposed, they shall be run parallel with the building walls in a neat and workmanlike manner. Should it appear necessary to expose any conduit or wiring in finished spaces, it shall be brought to the Architect's attention immediately and this Contractor shall rearrange associated work as directed to facilitate an approved installation. Contractor to coordinate with mechanical trades to avoid ductwork and piping.

2.0 RACEWAYS:

A. All electrical conductors are to be installed in metal raceways, unless specifically specified or noted otherwise. Galvanized steel or intermediate steel conduit as permitted by code. No conduit smaller than 3/4" to be used. Use compression type fittings. Provide flexible conduit connection for final connection to each motor not to exceed 3' in length and recessed lighting fixtures not to exceed 6' in length. Provide pull wires in all empty conduit systems. Identify terminus of each pull wire. All exposed raceways shall be installed with runs parallel and/or perpendicular with building walls. Fasten all rigid/non-flexible conduit every 8' and 2' from each box. Conduit shall be EMT where not subject to mechanical damage as permitted by National Electric Code (N.E.C.). EMT connectors and couplings 4" and smaller shall be compression type. Type MC Cable with ground wire is allowed in concealed spaces only, behind walls and above ceiling.

B. Conduit bushings shall be provided and installed inside all disconnects, pull boxes, panelboards, switchboard or similar type equipment and where permitted by National Electric Code (N.E.C.).

3.0 WIRES AND CABLES:

A. Electrical conductors, soft annealed copper with conductivity 98% of that of pure, stranded copper, 90 degree - 600V insulation and equal to General Cable Company. Wire and cable for all feeders, subfeeders, motor circuits and high ambient location type shall be THHN. All other branch circuit wiring shall be type XHHN or THHN. Minimum wire size shall be #12 gauge AWG. Control wiring may be #14 gauge.

B. For conductors #4 or small use the following color-code:

• 208Y/120V, 3-phase: black, red, blue, white.

• Green shall be used for ground wire conductor.

C. Conductor Material Applications:

a. Branch Circuits: Copper, Solid for No. 12 AWG and smaller; stranded for No. 10 AWG and larger.

a. Exposed Branch Circuits, Including in Crawlspace: Type THHN, single conductors in raceway.

f. Branch Circuits Concealed in Ceilings, Walls, and Partitions: Metal-clad cable, Type MC.

D. Conductor insulation and multi-conductor cable application and wiring methods:

a. Exposed Branch Circuits, Including in Crawlspace: Type THHN, single conductors in raceway.

f. Branch Circuits Concealed in Ceilings, Walls, and Partitions: Metal-clad cable, Type MC.

4.0 GROUNDING:

A. Ground all electrical apparatus in accordance with N.E.C. and as specified herein. Provide a separate grounding conductor for all lighting, receptacle and equipment circuits. All cabinets, switchboards, equipment cases, motor frames, interior metal cold water piping systems, and system neutral conductors shall be effectively grounded. Use solderless pressure type connectors, no perforated strap connectors will be allowed. Ensure continuous bond where flexible conduit is used. Provide bonding jumper inside all flexible conduit. Grounding per N.E.C. 250, and any local requirements.

B. All patient care areas shall meet grounding requirements of NEC Article 517.13. Where type MC cable is used, the metal sheathing shall be listed as an acceptable grounding path.

5.0 SPLICE AND TAPS:

A. Make splices at junction boxes, pull boxes, or outlet boxes only.

6.0 CABINETS, JUNCTION AND PULL BOXES:

A. Flush or surface mounted as indicated on drawings. Provide where shown on drawings and where required by code. Construct of cold gauge steel for flush surface mounting.

7.0 OUTLET BOXES:

A. General Electric, Appleton, Steel City or Raco hot dipped galvanized steel boxes, or equal. Install at terminal of each conduit run, each outlet, or device. Provide size, type and design to suit structural conditions. Adequate to accommodate size and number of raceways, conductors, device or fixture served. Provide plaster rings or covers on boxes where required on exposed work, use approved cast ferrous alloy outlet, junction boxes and fittings. Fixture or device cover shall completely conceal the size outlet box used. Install 3/8" fixture stud for lighting fixtures where required. Locate ceiling outlets to work with architectural features as directed. Switches installed 48" above floor on strike side of door as finally hung. Receptacles and telephone outlets, 18" above finished floor unless otherwise noted. Verify all outlet locations on job with Architect.

8.0 DISCONNECT SWITCHES:

A. Heavy duty NEMA type "HD" - same manufacturer as panelboards. Plastic nameplate properly engraved with name of equipment served, secured to switch cover. Fuses shall be Bussmann of sizes and types scheduled.

9.0 MOTOR AND CONTROL WIRING AND CONNECTIONS:

A. This Contractor to provide all necessary conduit, boxes and supports to equipment furnished by Owner and as indicated on drawings. Provide a disconnect switch and starter if required.

10.0 LABELING:

A. Contractor shall label each and every j-box above ceiling with a permanent marker with panel and circuit number.

B. Outlets, adhesive film label, machine printed clear background with black letters, by thermal transfer or equivalent process. Minimum letter height shall be 1/4 inch. Face plate shall be labeled with panel and circuit number.

C. Interior equipment self-adhesive, engraved, laminated acrylic or melamine label: adhesive backed, with white letters on a dark-gray background. Minimum letter height shall be 3/8 inch (10 mm).

11.0 WIRING DEVICES:

A. Duplex receptacles shall be Hubbell #5352-X grounding type, 20A., 125V.; G.F.C.I. shall be Hubbell GF-5352-X, 20A., 125V.; duplex, G.F.C.I. TYPE. Wall toggle switches shall be Hubbell Number 1221-X and Number 1223-X for single pole and three way types respectively. Other switch, receptacle, and outlet device variations shall be by Hubbell of "Spec. Grade" quality. Equivalent devices of P & S or Leviton will be acceptable in lieu of the above listed devices. Contractor to verify color of devices and cover plates with Architect before purchase.

12.0 LIGHTING FIXTURES:

A. This Contractor shall furnish and install complete, unless otherwise specified, a lighting fixture on each and every lighting outlet shown on the drawings of each type scheduled by letter and description. All fixtures shall be equipped with lamps as scheduled or specified herein. All fixtures installed in suspended ceilings must be securely fastened to framing members per NEC 410-36b and local seismic code requirements.

13.0 FIRE ALARM SYSTEM:

A. Fire alarm system shall be a delegated design, contractor shall be responsible for layout and design of the fire alarm system. Submit all necessary documentation including stamped and signed drawings to the authority having jurisdiction and obtain necessary permits for approval and installation of the system prior to submitting shop drawings.

B. Engineer's drawings showing fire alarm devices are schematic, and only provide code intent, coordination, and all devices may not be indicated. Final layout shall be provided by the Fire Alarm contractor. Fire alarm contractor shall become the Designer of Record as such, the contractor shall be responsible to verify device layouts comply with all applicable codes and shall include in bid all cost associated with additional devices should they be required. Final layout shall be coordinated with the architect and plans.

C. Contractor shall include in bid all cost associated with Fire alarm modifications.

D. All new equipment shall be ADA compliant, be by one manufacturer, and warranted for a minimum of one year.

210 100

FIRE PROTECTION

1.0 SCOPE:

A. Fire protection shall be governed by all applicable provisions of the Contract Document.

B. Provide a complete and operational fire protection system as required by NFPA, systems shall include:

1. Wet sprinkler system – NFPA 13

2. Systems shall be compliant with NFPA 70, 72, FM and UL as applicable.

C. All fire protection components shall be UL and FM approved devices where applicable as required by NFPA.

D. Upon completion of the work, system acceptance testing shall be performed by the sprinkler contractor in accordance with requirements of NFPA with a completed copy of 'Contractor's Material and Test Certificate' provided.

E. All cable ties for controls and other cable systems located in plenums utilized for air movement that are not installed in conduit shall be 25/50 flame and smoke rated, Hellermann Tyton T50R2C2UL or equivalent.

F. Provide permanent identification of all valves, piping, electrical components and equipment in accordance with NFPA 13.

G. Upon completion of the project, perform all flushing and testing of the system including pressure and flow tests and testing of all electrical, controls and safety components.

H. Upon completion of the project, the fire protection contractor shall furnish 'Record' documentation including plans, equipment data sheets for all component and testing results stored in a document cabinet, located adjacent to the fire protection service entrance or as directed or required by NFPA.

2.0 WET SPRINKLER SYSTEMS

A. Systems shall be in accordance with NFPA 13 complete in every respect to provide complete coverage of all areas in the entire building or throughout the area of work as indicated. Sprinkler system shall be hydraulically designed per appropriate hazard class.

B. Sprinkler system shall be a delegated design, contractor shall be responsible for layout and design of the fire sprinkler system. Submit all necessary documentation (plans, calculations, cut sheet literature and flow tests) and obtain necessary permits for approval and installation of the system. Provide PE or NICET stamp on submittal drawings.

C. As required by application, system shall include but not be limited to pipe and hangers, sprinklers, valves, inspector tests, fire department connection, audible and visible alarms, pressure, flow and tamper switches, gages, control panels, wiring, hose valves, etc. Conform to the requirements of Division 16, FM and UL or IRI where required by owner.

1. System shall be an extension of and/or modifications to the existing building system.

D. Reconfigure existing building sprinkler piping and/or sprinklers within the scope of work area in order to provide proper coverage per NFPA and Local Authorities.

E. Upon final acceptance, the owner shall be responsible for proper maintenance as established by the latest edition of NFPA 25 'Standard for the inspection, Testing and Maintenance of Water Based Fire Protection Systems'.

3.0 PIPING, FITTING AND VALVES:

A. Fire protection above ground -

1. Pipe -

a. All sizes - Schedule 40, black steel, malleable iron threaded, flanged or welded fittings; roll or cut groove mechanical joints with wrought or forged steel fittings or roll grooved end couplings.

b. 1-1/2" and larger - Schedule 10, black steel; roll groove mechanical joints with roll grooved end couplings.

c. Contractor to match existing building piping material standards.

2. Sprinkler piping shall be independently supported from all other systems, no other system or component may bear on any sprinkler pipe or support. In accordance with NFPA 25 or where required by local authority, sprinkler piping shall not be subjected to external loads by materials either hung from or resting on sprinkler piping.

3. At contractor option, sprinklers may be supplied by UL 2443 listed 1" minimum 304 stainless steel (braided or unbraided corrugated) 175 PSIG rated flexible hoses with all associated UL listed fittings, threaded ends, brackets and other attachments, 6' maximum length. Victaulic Vic-Flex or acceptable equivalent.

4.0 SPRINKLERS

A. Provide quick response sprinklers, standard response, extended coverage or dry sprinklers as required by application.

B. Sprinklers shall be of the following styles, subject to application.

1. Where not otherwise indicated, sprinkler type, style, appearance and coverage to match existing.

2. Any sprinklers removed shall be replaced with new sprinklers.

C. Locate sprinklers at center of 2 x 2 lay-in tiles or 2 x 2 portion of 2 x 4 lay-in tiles. Align sprinklers in a row when in gypsum board ceilings. All location tolerances shall be +/- 1/2".

D. Refer to reflected ceiling plans for coordination with lights, diffusers, exit signs, etc.

END OF SECTION

END OF SECTION



**2000 SHAWNEE MISSION PARKWAY  
SUITE 100  
MISSION WOODS, KS 66205**

**816 502 1500**

**WWW.PAD.STUDIO**



PROJECT

# JORDAN'S CHIROPRACTIC

SUMMIT CREST PLAZA  
3552 SW MARKET STREET  
LEE'S SUMMIT, MO 64082

MARK	DATE	DESCRIPTION
	02.03.2021	PERMIT

SHEET TITLE

## SPECIFICATIONS

PROJECT NUMBER

SHEET AUTHOR

DMS

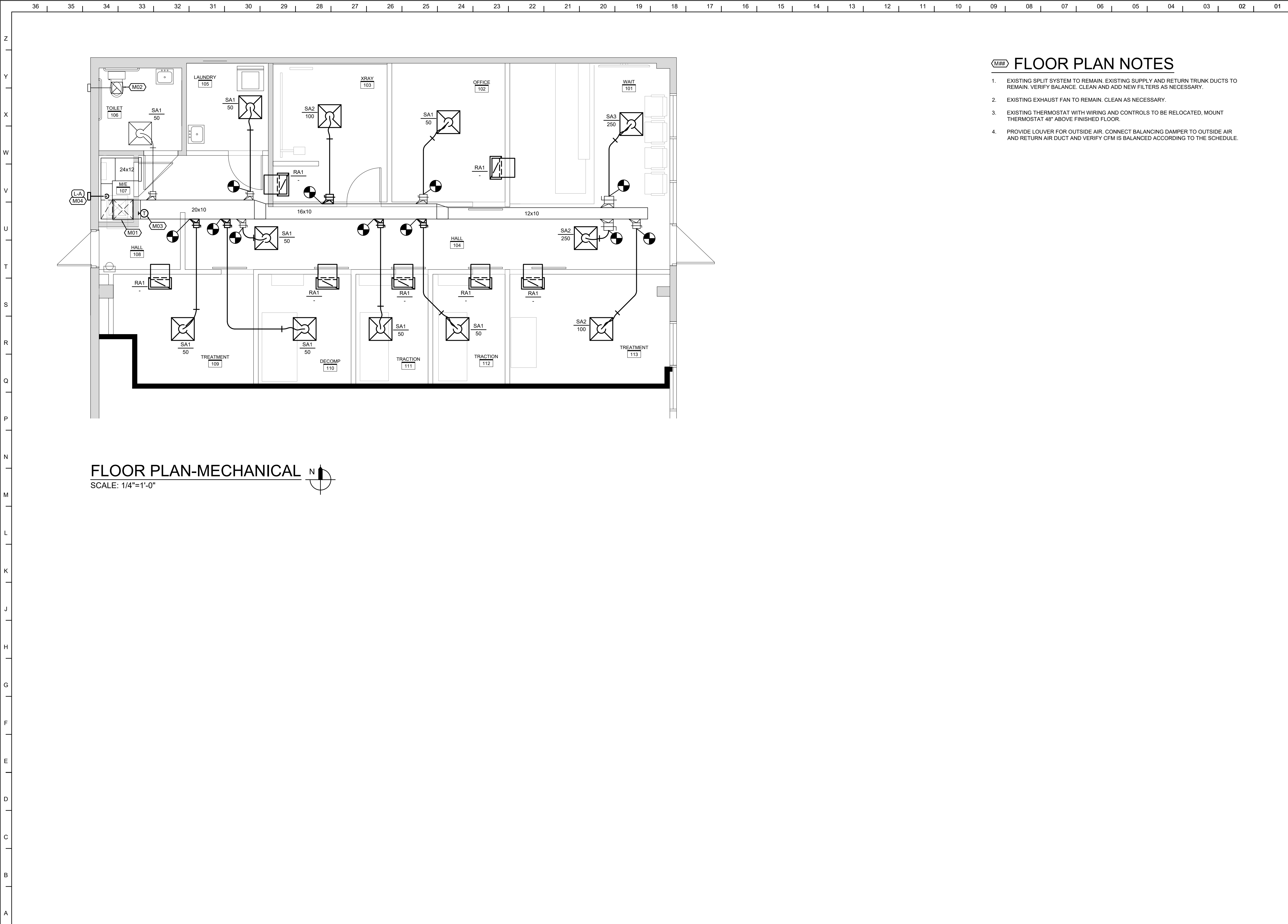
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DATE  
JANUARY 19, 2021

SHEET NUMBER

# MEP102





M## FLOOR PLAN NOTES

- EXISTING SPLIT SYSTEM TO REMAIN. EXISTING SUPPLY AND RETURN TRUNK DUCTS TO REMAIN. VERIFY BALANCE. CLEAN AND ADD NEW FILTERS AS NECESSARY.
- EXISTING EXHAUST FAN TO REMAIN. CLEAN AS NECESSARY.
- EXISTING THERMOSTAT WITH WIRING AND CONTROLS TO BE RELOCATED, MOUNT THERMOSTAT 48" ABOVE FINISHED FLOOR.
- PROVIDE LOUVER FOR OUTSIDE AIR. CONNECT BALANCING DAMPER TO OUTSIDE AIR AND RETURN AIR DUCT AND VERIFY CFM IS BALANCED ACCORDING TO THE SCHEDULE.

**Perspective**  
ARCHITECTURE + DESIGN

2000 SHAWNEE MISSION PARKWAY  
SUITE 100  
MISSION WOODS, KS 66205

816 502 1500  
WWW.PAD.STUDIO

STATE OF MISSOURI  
GREGORY J. FENDLER  
NUMBER PE-2006037230  
PROFESSIONAL ENGINEER  
02/03/2021

Lankford + Fendler  
+ associates  
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CDS No. 200601168

PROJECT  
**JORDAN'S CHIROPRACTIC**

SUMMIT CREST PLAZA  
3552 SW MARKET STREET  
LEE'S SUMMIT, MO 64082

MARK	DATE	DESCRIPTION
	02.03.2021	PERMIT

SHEET TITLE  
**FLOOR PLAN-MECHANICAL**

PROJECT NUMBER 2021000.000	
SHEET AUTHOR DMB	
CHECKED BY SLP	
DATE JANUARY 19, 2021	

SHEET NUMBER  
**M101**



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DIFFUSER SCHEDULE

MARK	MANUFACTURER	MODEL	FACE SIZE (IN.)	NECK SIZE (IN.)	NO. OF SLOTS	FRAME TYPE	FINISH	NOTES
SA.1	PRICE	SPD	24x24	6	-	LAY-IN	WHITE	-
SA.2	PRICE	SPD	24x24	8	-	LAY-IN	WHITE	-
SA.3	PRICE	SPD	24x24	10	-	LAY-IN	WHITE	-
RA.1	PRICE	PDR	24x12	22x10	-	LAY-IN	WHITE	-

NOTES: 1. -

\*CONTRACTOR SHALL VERIFY CEILING TYPE PRIOR TO ORDERING DIFFUSERS.

LOUVER SCHEDULE

MARK NO.	MANUFACTURER	MODEL	AIRFLOW (CFM)	WIDTH (IN.)	HEIGHT (IN.)	FREE AREA (FT.)	MAXIMUM S.P. DROP	COLOR	NOTES
L-A	GREENHECK	ESD-435	185	12	9	0.15	0.025	-	1,2,3
L-B	DEFLECTO	SVHAW4	200	6	6	0.38	0.04	WHITE	4

NOTES: 1. PROVIDE WITH BROSSCREEN.  
2. COORDINATE LOUVER SIZE AND JAMB WITH ARCHITECT. CONTRACTOR TO VERIFY SIZE OF OPENINGS AND FIELD MEASURE PRIOR TO ORDERING LOUVERS.  
3. COLOR AND FINISH TO BE SELECTED BY ARCHITECT.  
4. PROVIDE WITH PIPE AND COLLAR.

ROUND SUPPLY BRANCH "TAKE-OFFS"

(20% OR LESS AIRFLOW TO BRANCH LOW & HIGH VELOCITY)

RECTANGULAR SUPPLY BRANCH "TAKE-OFFS"

(20% OR LESS AIRFLOW TO BRANCH LOW & HIGH VELOCITY)

DUCT STANDARDS

NO SCALE

36"

1" ACOUSTICAL DUCT BOARD BOOT WITH A BLACK INTERIOR FACE AND BLACK PAINTED FASTENERS

1/2 OF GRILLE DIMENSION

CEILING GRID

CEILING RETURN AIR GRILLE. SIZE AS SHOWN ON PLANS.

1/2 OF GRILLE DIMENSION

RETURN AIR BOOT DETAIL

NO SCALE

45° ANGLE ENTRY BRANCH CONNECTION

NOTE: PAINT FASTENERS INSIDE BLACK

MAIN DUCT

BAND FLEX ENDS WITH NYLON STRAPS (TYP)

ROUND FLEX DUCT - 60" MAX. LENGTH

MANUAL DAMPER @ DIFFUSER ONLY WHERE DUCT-MOUNTED DAMPER WOULD BE INACCESSIBLE

TAKE-OFF WITH MANUAL DAMPER; SEE DUCT STANDARD DETAIL

FLEX DUCT

MAIN DUCT

SCREW (TYP)

INSULATED SHEET METAL ELBOW OR THERMAFLEX "FLEX FLOW ELBOW"

DIFFUSER DETAIL

NO SCALE

NOTE:  
1. BRANCH DUCT RUNOUT TO DIFFUSER SHALL BE THE SAME SIZE AS THE DIFFUSER NECK UNLESS OTHERWISE INDICATED ON PLAN.  
2. IN LOCATIONS WHERE TAKEOFFS ARE INSTALLED ABOVE HARD OR NON-ACCESSIBLE CEILINGS CONTRACTOR TO PROVIDE SCREWS TO PREVENT BRANCH DUCT FROM SLIDING OFF FITTING. INSPECT PRIOR TO CEILING INSTALLATION.

GENERAL NOTES (TYPICAL ALL SHEETS)

A. MECHANICAL CONTRACTOR IS RESPONSIBLE TO SEE THAT WORK MEETS AND IS IN ACCORDANCE WITH ALL REQUIREMENTS OF FEDERAL, STATE, AND LOCAL LAWS AND CODES AND/OR REQUIREMENTS, INCLUDING HEALTH CODES AND BUILDING OWNER.

B. ALL EXISTING DUCTWORK SHOWN ON DRAWINGS IS SCHEMATIC AND IS BASED ON EXISTING RECORD DRAWINGS PROVIDED BY THE OWNER AND DO NOT REFLECT EXACT EXISTING CONDITIONS. CONTRACTOR TO FIELD VERIFY EXACT DEPTH AND/OR LOCATIONS ON JOB SITE. CONTRACTOR SHALL REROUTE NEW WORK TO ACCOMMODATE EXACT LOCATIONS OF EXISTING UTILITIES, STUBOUTS AND/OR CONNECTIONS.

C. CUTTING AND PATCHING OF FLOORS, WALLS, CEILING, ETC., REQUIRED IN STRICT ACCORDANCE WITH THE RULES AND REGULATIONS OF THE ARCHITECT'S AND/OR BUILDING OWNER REQUIREMENTS.

D. COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO INSTALLATION TO AVOID ROUTING CONFLICTS.

E. ANY MATERIAL REMOVED THAT OWNER DOES NOT WISH TO RETAIN SHALL BE REMOVED FROM PROJECT SITE AND DISPOSED OF BY CONTRACTOR.

F. MECHANICAL CONTRACTOR SHALL REMOVE, PATCH AIR TIGHT AND REINSULATE ALL DUCTWORK TAPS NOT REUSED WITH SAME MATERIAL AS EXISTING DUCTWORK.

G. MECHANICAL CONTRACTOR SHALL AIR BALANCE ALL GRILLES TO CFM'S SHOWN ON PLANS.

H. THE THERMOSTAT SHALL BE MOUNTED TO MATCH BUILDING STANDARDS UNLESS OTHERWISE NOTED.

I. ALL DUCTWORK, DIFFUSERS, TERMINAL UNITS, ETC. ARE EXISTING TO REMAIN, UNLESS NOTED OTHERWISE.

J. INSTALL ELASTOMERIC JOINT SEALER AROUND ALL DUCTS, PIPES, ETC. PASSING THRU INTERIOR NON-RATED CONCRETE AND MASONRY WALLS, GYPSUM-BOARD PARTITIONS, AND CONCRETE FLOOR/ROOF SLABS. FOR FIRE RATED INTERIOR CONCRETE AND MASONRY WALLS, GYPSUM-BOARD PARTITIONS, AND CONCRETE FLOOR/ROOF SLABS SEAL ALL DUCTS, PIPES, ETC. INSTALL FIRESTOP MATERIALS IN ALL GAPS PRIOR TO SEALANT APPLICATION. INSTALL SEALER ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS.

K. UPON REQUEST FOR ELECTRONIC FILES, CONTRACTOR SHALL FILL OUT, SIGN AND RETURN ELECTRONIC MEDIA RELEASE FORM FROM ENGINEER AND PROVIDE PAYMENT FOR FEES STIPULATED ON ELECTRONIC MEDIA RELEASE FORM. UPON RECEIPT OF COMPLETED RELEASE FORM AND PAYMENT, ELECTRONIC FILES WILL BE RELEASED.

L. ALL CABLE TIES FOR LOW VOLTAGE SYSTEMS LOCATED IN PLENUMS UTILIZED FOR AIR MOVEMENT THAT ARE NOT INSTALLED IN CONDUIT SHALL BE 25/50 FLAME AND SMOKE RATED, HELLERMANN TYTON T50R2C2UL OR EQUIVALENT.

MECHANICAL SYMBOLS

OR

OR

EXISTING DUCTWORK TO REMAIN

NEW DUCTWORK

SUPPLY DUCT

RETURN DUCT

EXHAUST FAN

SUPPLY DIFFUSER

RETURN GRILLE

THERMOSTAT, MOUNT TOP AT 48" AFF.

MANUAL VOLUME DAMPER

SUPPLY DUCT DOWN

SUPPLY DUCT UP

RETURN DUCT DOWN

RETURN DUCT UP

EXHAUST DUCT DOWN

FLEXIBLE DUCT CONNECTION

EQUIPMENT TYPE AND DESIGNATION

MARK NO. SUPPLY (S ), RETURN (R ), EXHAUST (E ) CFM

CONNECT TO EXISTING

Perspective

ARCHITECTURE + DESIGN

2000 SHAWNEE MISSION PARKWAY  
SUITE 100  
MISSION WOODS, KS 66205

816 502 1500

WWW.PAD.STUDIO

STATE OF MISSOURI

GREGORY J. FENDLER

NUMBER PE-2006037230

02/03/2021

PROFESSIONAL ENGINEER

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PROJECT

JORDAN'S CHIROPRACTIC

SUMMIT CREST PLAZA  
3552 SW MARKET STREET  
LEE'S SUMMIT, MO 64082

MARK

DATE

DESCRIPTION

02.03.2021

PERMIT

SHEET TITLE

MECHANICAL DETAILS, SCHEDULES, NOTES, AND SYMBOLS

PROJECT NUMBER  
2021000.000

SHEET AUTHOR  
DMB

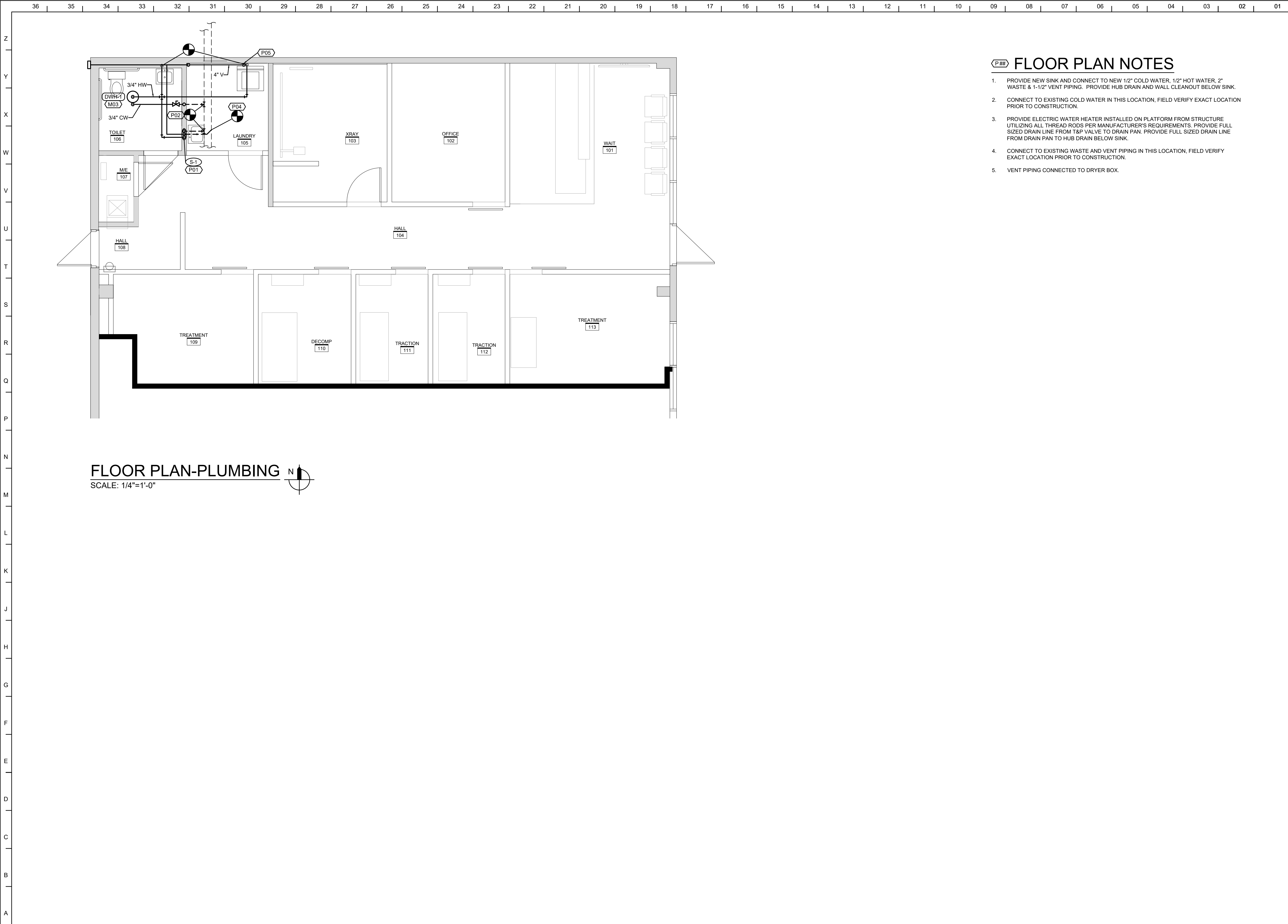
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DATE  
JANUARY 19, 2021

SHEET NUMBER

M201





**FLOOR PLAN NOTES**

1. PROVIDE NEW SINK AND CONNECT TO NEW 1/2" COLD WATER, 1/2" HOT WATER, 2" WASTE & 1-1/2" VENT PIPING. PROVIDE HUB DRAIN AND WALL CLEANOUT BELOW SINK.
2. CONNECT TO EXISTING COLD WATER IN THIS LOCATION, FIELD VERIFY EXACT LOCATION PRIOR TO CONSTRUCTION.
3. PROVIDE ELECTRIC WATER HEATER INSTALLED ON PLATFORM FROM STRUCTURE UTILIZING ALL THREAD RODS PER MANUFACTURER'S REQUIREMENTS. PROVIDE FULL SIZED DRAIN LINE FROM T&P VALVE TO DRAIN PAN. PROVIDE FULL SIZED DRAIN LINE FROM DRAIN PAN TO HUB DRAIN BELOW SINK.
4. CONNECT TO EXISTING WASTE AND VENT PIPING IN THIS LOCATION, FIELD VERIFY EXACT LOCATION PRIOR TO CONSTRUCTION.
5. VENT PIPING CONNECTED TO DRYER BOX.

**Perspective**  
ARCHITECTURE + DESIGN

2000 SHAWNEE MISSION PARKWAY  
SUITE 100  
MISSION WOODS, KS 66205

816 502 1500

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Lankford + Fendler  
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PROJECT  
**JORDAN'S CHIROPRACTIC**

SUMMIT CREST PLAZA  
3552 SW MARKET STREET  
LEE'S SUMMIT, MO 64082

MARK	DATE	DESCRIPTION
	02.03.2021	PERMIT

SHEET TITLE  
**FLOOR PLAN-PLUMBING**

PROJECT NUMBER  
2021000.000

SHEET AUTHOR  
DMB

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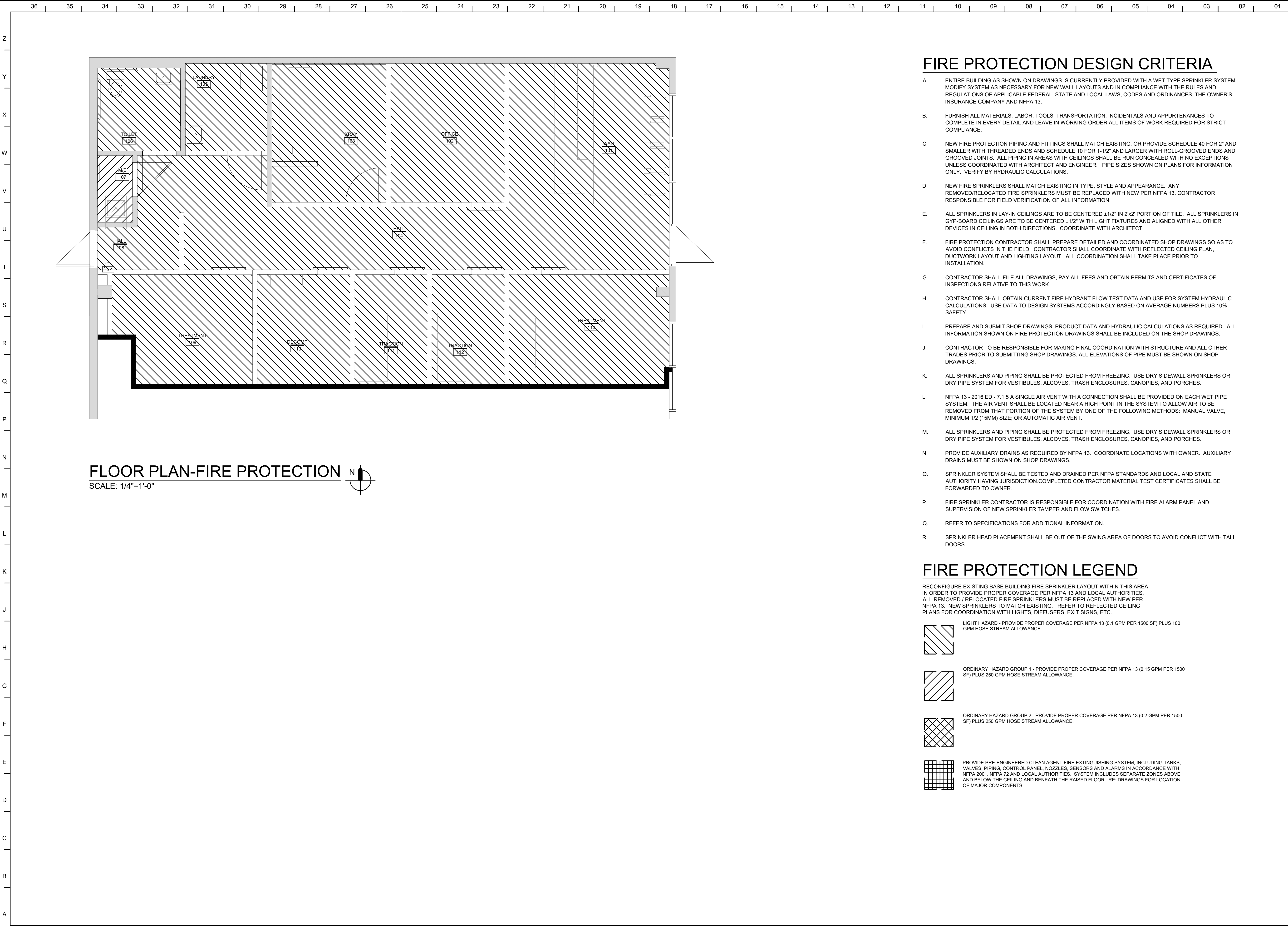
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**P101**



## WATER HEATER SCHEDULE (ELECTRIC)





PROJECT  
**JORDAN'S CHIROPRACTIC**  
SUMMIT CREST PLAZA  
3552 SW MARKET STREET  
LEE'S SUMMIT, MO 64082

MARK	DATE	DESCRIPTION
	02.03.2021	PERMIT

SHEET TITLE  
**FLOOR PLAN-  
FIRE PROTECTION**

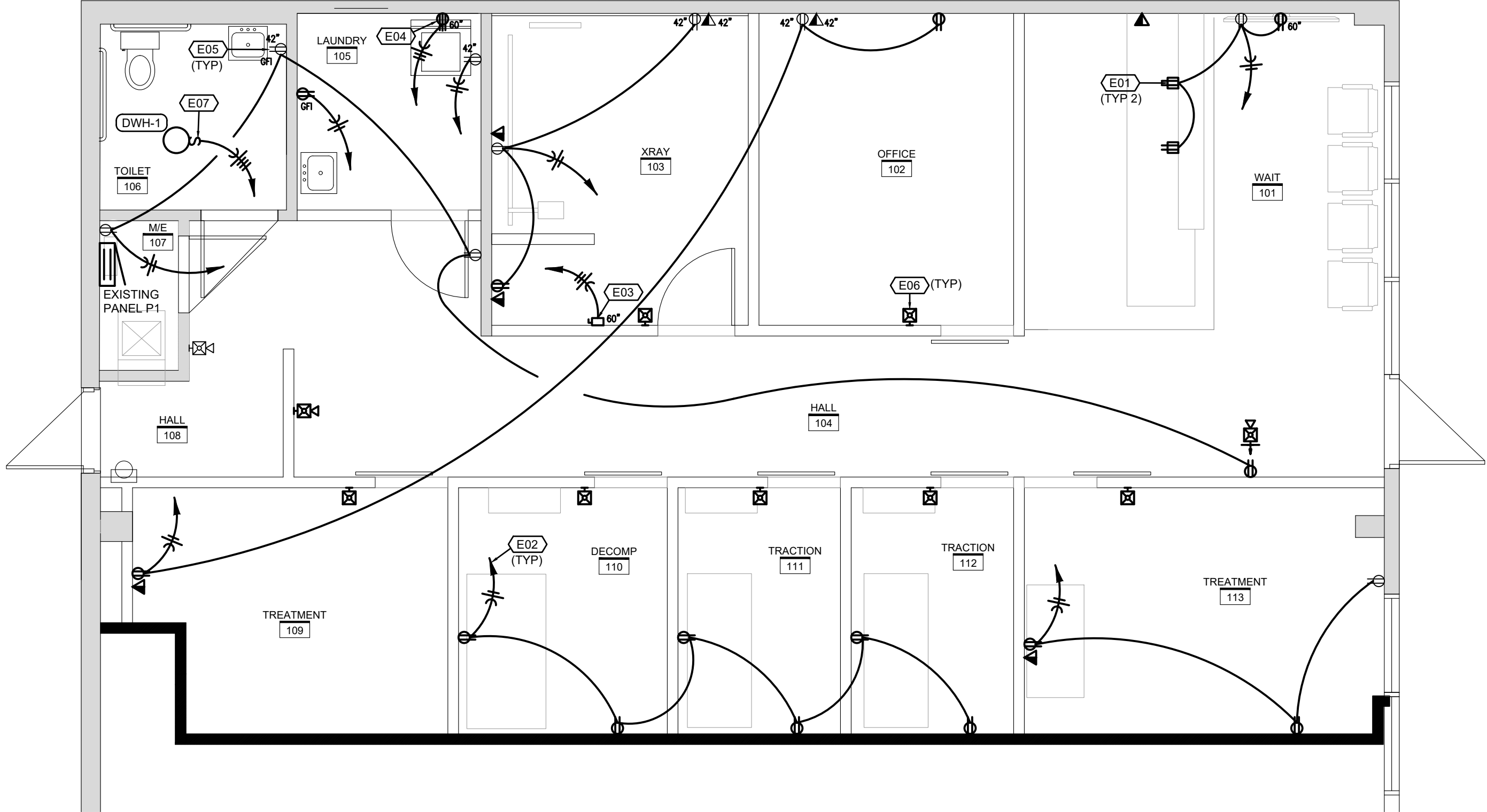
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2021000.000  
SHEET AUTHOR  
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DATE  
JANUARY 19, 2021

SHEET NUMBER  
**FP101**



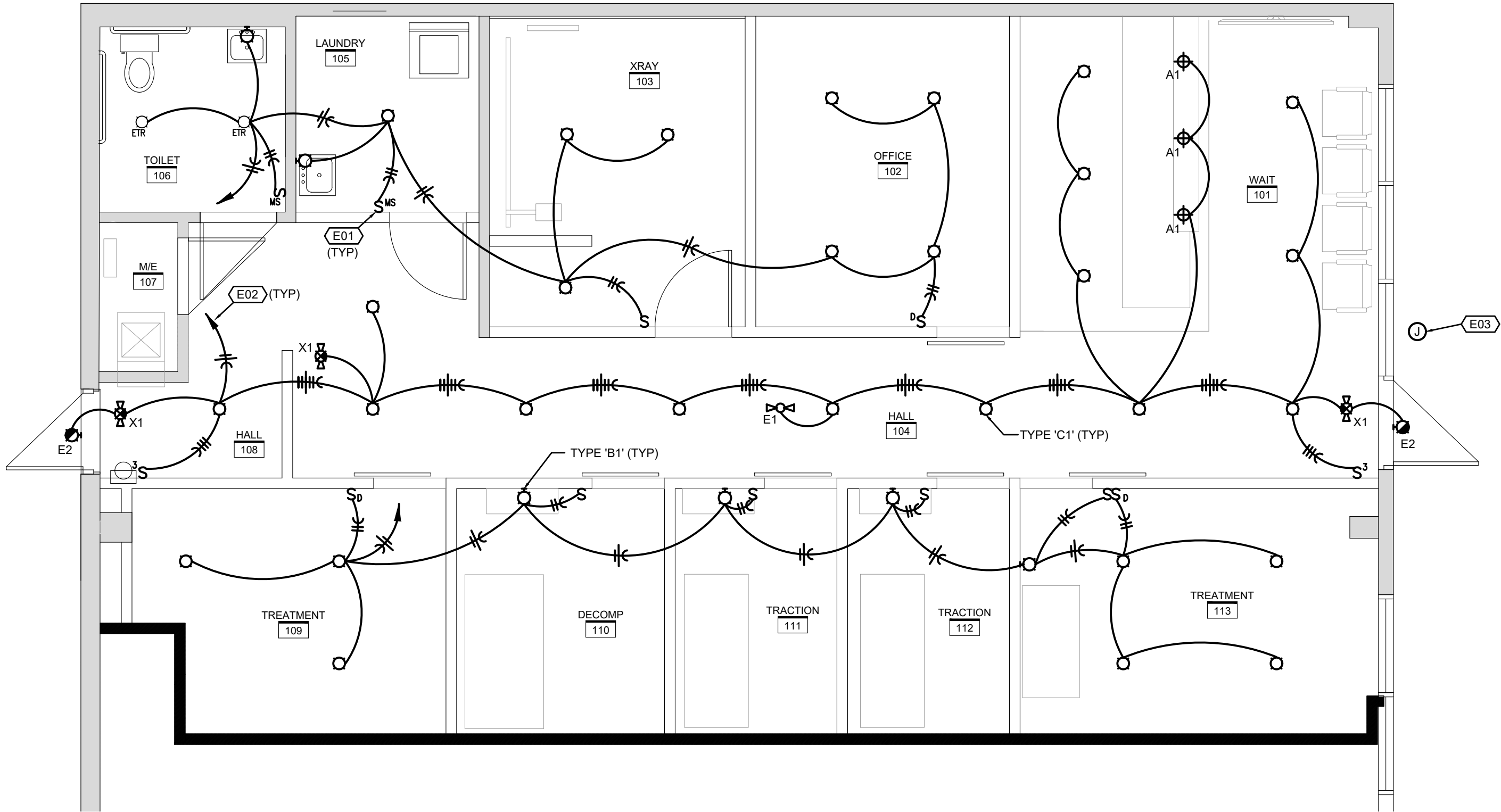
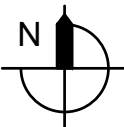
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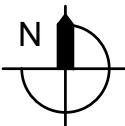
## FLOOR PLAN-POWER/SYSTEMS

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



## FLOOR PLAN-LIGHTING

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



### POWER/SYSTEMS PLAN NOTES

1. INSTALL DEVICE IN MILLWORK. FEED FROM ADJACENT WALL.
2. HOMERUN TO EXISTING PANEL P1 AND TERMINATE ON A 20A/1P BREAKER.
3. PROVIDE A 100A/2P DISCONNECT SWITCH, FUSED AT 100 AMPS, IN A NEMA 1 ENCLOSURE AND MAKE CONNECTION TO X-RAY EQUIPMENT.
4. PROVIDE 220V/30A RECEPTACLE FOR DRYER. COORDINATE RECEPTACLE CONFIGURATION WITH DRYER.
5. REPLACE EXISTING WIRING DEVICE WITH NEW DEVICE AND COVER PLATE.
6. CONNECT NEW FIRE ALARM DEVICE TO EXISTING FIRE ALARM SYSTEM.
7. PROVIDE 20A/3P DISCONNECT AND MAKE CONNECTION TO WATER HEATER. HOMERUN TO PANEL 'P1' AND TERMINATE ON A 20A/3P BREAKER.

### LIGHTING PLAN NOTES

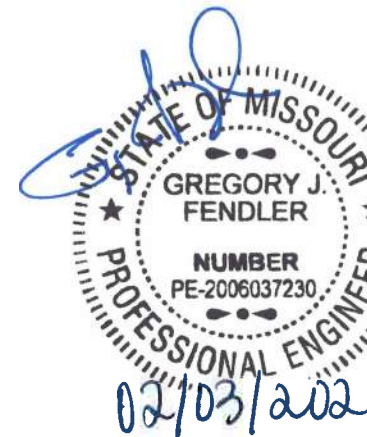
1. DUAL TECHNOLOGY WALL SWITCH OCCUPANCY SENSOR (BY WATTSTOPPER OR HUBBELL).
2. HOMERUN TO EXISTING PANEL P1 AND TERMINATE ON A 20A/1P BREAKER.
3. DISCONNECT POWER TO EXISTING SIGNAGE AND RECONNECT TO NEW SIGN.

**Perspective**  
ARCHITECTURE + DESIGN

2000 SHAWNEE MISSION PARKWAY  
SUITE 100  
MISSION WOODS, KS 66205

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PROJECT

**JORDAN'S  
CHIROPRACTIC**

SUMMIT CREST PLAZA  
3552 SW MARKET STREET  
LEE'S SUMMIT, MO 64082

MARK DATE DESCRIPTION

02.03.2021 PERMIT

SHEET TITLE

**FLOOR PLANS-  
ELECTRICAL**

PROJECT NUMBER

2021000.000

SHEET AUTHOR

DMB

CHECKED BY

GJF

DATE

JANUARY 19, 2021

SHEET NUMBER

**E101**







