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| NO. | | | | | | | | | | |

WAYNE COUNTY HEALTH DEPARTMENT

INTERIOR RENOVATION | PHASE 1 WAYNE COUNTY

Waynesboro, Tennessee

Site Address

WAYNESBORO, TENNESSEE 38485

| | | | | | | | | Drawing Sheet List | | | | | | |
|--------------|-------------------------------------|---------|-------------|-----------------------|----------------------------|-------------|---------------------------------|---------------------------------------|----------------------------|--------------------------|---------------|--------|----------------|---------------------------|
| | LM Associates, Inc. GENERAL / CIVIL | | | | ociates, Inc. ITECTURAL | | TLM Associates, Inc. STRUCTURAL | | JM2 Associates MECHANICAL | | JM2 Associon | _ | | M2 Associates ELECTRICAL |
| SHT# REV REV | | SHT# RE | EV REV DATE | SHEET TITLE | SHT# REV REV DATE | SHEET TITLE | SHT# REV | | SHT# REV REV DAT | | <u> </u> | | HT# REV REV DA | |
| CS.1 | COVER SHEET | A1.0 | | FLOOR PLAN - EXISTING | | | STRUCTURA | NOT IS SCOPE OF WORK FOR THIS PROJECT | M0.1 | HVAC SCHEDULES AND NOTES | P1.1 PLUMBING | PLAN E | 0.0 | SCHEDULES, NOTES AND DETA |
| CIVIL | PHASE 2 - SCOPE OF WORK | A1.1 | | FLOOR PLAN - PROPOSED | | | | THE TREE CO | M1.1 | HVAC DEMO PLAN | | E | 2.1 | LIGHTING PLAN |
| | | A4.1 | | EXTERIOR ELEVATIONS | | | | | M1.2 | NEW HVAC PLAN | | E | 3.1 | POWER PLAN |
| | | A7.1 | | MILLWORK ELEVATIONS | | | | | | | | | | |
| | | A7.2 | | MILLWORK SECTIONS | | | | | | | | | | |
| | | | | | | | | | | | | | | |
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APPLICABLE CODES/REGULATIONS:

2018 International Building Code 2012 International Energy Conservation Code 2018 International Fuel Gas Code 2018 International Mechanical Code 2018 International Plumbing Code National Electric Code, 2017 Edition 2018 International Fire Code 2012 NFPA 101 Life Safety Plan ICC/ ANSI A117.1 Accessible & Usable Buildings &

2010 ADA Standards for Accessible Design

Facilities, 2009 Edition

TYPE OF CONSTRUCTION (IBC CH 6): Type II-B, Non-Sprinklered

OCCUPANCY GROUP (IBC CH 3):

Single-Occupancy, One Story Building - IBC 508.3 -Nonseparated Business Group (B)

NUMBER OF STORIES (IBC TABLE 504.4):

Allowed: 3 stories Proposed: 1 stories

BUILDING HEIGHT (IBC TABLE 504.3): Allowed: 75'-0" Proposed: EXISTING

OCCUPANT LOAD (IBC CH 10): Total Occupant Load: 49 People Building Area (Net) = 4,900 sf

FIRE AREA DIVISION:

IBC 508.3.3 - No separation is required between nonseparated occupancies.

CODE ANALYSIS SUMMARY MEANS OF EGRESS:

IBC SECTION 1005.3.2 - EGRESS COMPONENT CAPACITY

STAIRWAYS- 0.3" PER OCCUPANT, MINIMUM WIDTH

OTHER EGRESS COMPONENTS - 0.2" PER OCCUPANT, MINIMUM WIDTH 44", MINIMUM DOOR CLEARANCE

IBC SECTION 1010.1.2.1- EGRESS DOORS SHALL SWING IN THE DIRECTION OF EGRESS TRAVEL WHERE SERVING AN OCCUPANT LOAD OF 50 OR MORE PEOPLE.

REQ'D # OF EXITS (IBC SECTION 1006):

Required: 2 Exits Proposed: 3 Exits

CORRIDORS:

IBC 1020.1 - CORRIDORS SHALL BE FIRE-RESISTANCE RATED IN ACCORDANCE WITH TABLE 1020.1. A-3 OCCUPANCY WITH SPRINKER SYSTEM = 0 RATED REQUIRED.

IBC TABLE 1018.2 - CORRIDOR WIDTH - MINIMUM OF 44"

EXIT OR EXIT ACCESS FROM SPACES:

IBC SECTION 1006.2.1 - TWO EXITS OR EXIT ACCESS DOORWAYS FROM ANY SPACE SHALL BE PROVIDED WHERE ONE OF THE FOLLOWING CONDITIONS EXIST: 1) THE OCCUPANT LOAD EXCEEDS THE SPACES IN TABLE 1006.2.1 (A-3 = 49 OCCUPANTS; 2) THE COMMON PATH OF EGRESS TRAVEL EXCEEDS THE LIMITATIONS OF TABLE 1006.2. 1 (75 FT) OR 3) WHERE REQUIRED IN SECTION 1006.2.2.

TRAVEL DISTANCE:

IBC TABLE 1017.2 - EXIT ACCESS TRAVEL DISTANCE: SHALL NOT EXCEED 250 FT IN AN A OCCUPANCY WITH SPRINKLER SYSTEM.

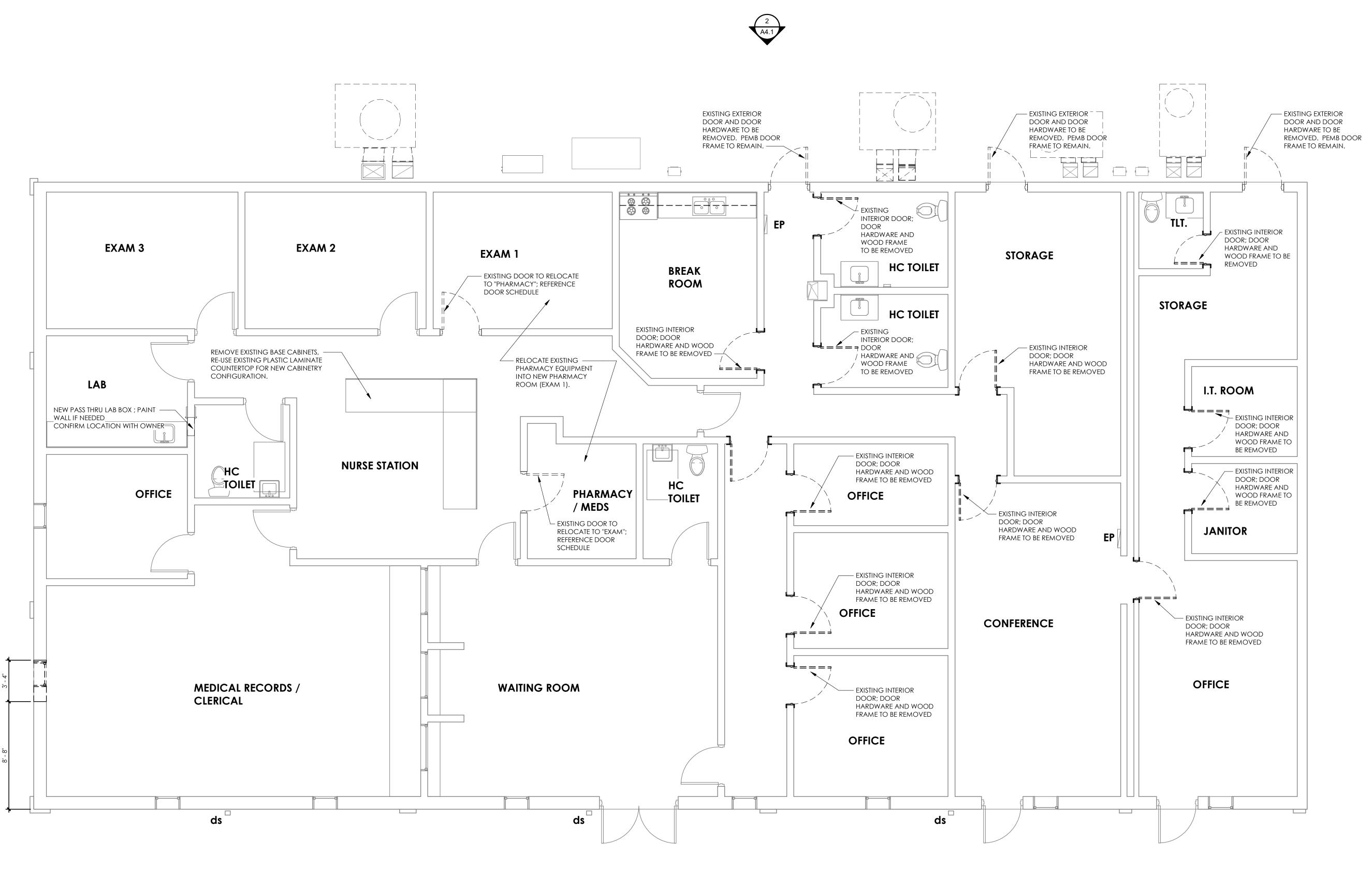
LIVE LOADS:

IBC SECTION 1607.8.2 - GRAB BARS, SHOWER SEATS AND DRESSING ROOM BENCH SEATS SHALL BE DESIGNED TO RESIST A SINGLE CONCENTRATED LOAD OF 250 POUNDS APPLIED IN ANY DIRECTION AT ANY POINT ON THE GRAB BAR OR SEAT SO AS TO PRODUCE THE MAXIMUM LOAD EFFECTS.

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AYNE CO

MAY 30, 2024 J-7076



General Notes

- . CONTRACTOR SHALL THOROUGHLY FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO and during construction, and report any DISCREPANCIES TO DESIGNER BEFORE PROCEEDING WITH WORK.
- EXISTING BUILDING INFORMATION AND RECORD DOCUMENTS WERE NOT AVAILABLE FOR THIS FACILITY. ALL INFORMATION SHOWN HEREIN, RELATED TO EXISTING CONDITIONS, WAS BASED ONLY UPON LIMITED VISUAL OBSERVATION. CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS, AND REPORT ANY AND ALL DISCREPANCIES, AS ENCOUNTERED, TO THE DESIGNER PRIOR TO PROCEEDING WITH WORK.
- B. ELEMENTS THAT ARE NOT INDICATED AS "EXISTING" ARE TO BE PROVIDED AS NEW ELEMENTS (UNLESS SPECIFICALLY NOTED OTHERWISE). ELEMENTS THAT ARE EXISTING ARE NOTED "EXISTING" OR "EXIST".
- PROTECT EXISTING SURFACES AND FEATURES FROM DAMAGE DURING THE WORK. REPAIR, REPLACE, AND/OR RE-FINISH (AS APPLICABLE) ANY EXISTING SURFACES AND FEATURES DAMAGED AS A RESULT OF THE WORK.
- 5. DO NOT SCALE THE DRAWINGS. CONTRACTOR SHALL NOTIFY THE DESIGNER FOR CLARIFICATION, SHOULD QUESTIONS ARISE REGARDING DIMENSIONS.
- 5. PROVIDE AND MAINTAIN TEMPORARY BARRIERS AS REQUIRED TO IDENTIFY AND SECURE THE WORK AREA FROM THE GENERAL PUBLIC AND ADJACENT OCCUPANTS. MAINTAIN REQUIRED EGRESS AND EMERGENCY ROUTES, WITHIN AND AROUND THE WORK AREA. NOTIFY AND SCHEDULE WITH LOCAL OFFICIALS 48 HOURS IN ADVANCE OF ANY NECESSARY INTERRUPTIONS.
- REFER TO STRUCTURAL FOR OTHER INFORMATION NOT INDICATED IN ARCHITECTURAL DRAWINGS, INCLUDING (AS APPLICABLE) ALL LOAD-BEARING AND SHEAR WALL LOCATIONS; IF APPLICABLE.
- 8. REFER TO PLUMBING DRAWINGS FOR FLOOR DRAIN LOCATIONS. SLOPE SLAB TO DRAIN 1% MIN; 2% MAX.
- P. VERIFY ALL EQUIPMENT, DUCT, LOUVER, AND OTHER OPENING LOCATIONS & SIZES, IN WALLS & ROOF, WITH MP&E DRAWINGS.
- O. PROVIDE WOOD BLOCKING IN WALLS FOR ALL DOOR STOPS, CABINETS, FIXTURES, AND OTHER WALL MOUNTED ELEMENTS.
- 1. AT ALL DRYWALL PARTITIONS, PROVIDE CONTROL JOINTS @ 20 FT. O.C. MAX., OR AS NOTED. CONTROL JOINTS TO BE PAINTED TO MATCH WALL
- 12. LOOSE FURNISHINGS AND APPLIANCES ARE PROVIDED BY OWNER, UNLESS INDICATED OTHERWISE.
- 13. AT ALL FIRE BARRIERS /PARTITIONS, PROVIDE PAINTED STENCIL SIGNAGE ABOVE ACCESSIBLE CEILINGS, DENOTING THE HOURLY RATING OF THE BARRIER. STENCIL SHALL BE 3" TALL LETTERS, RED COLOR. SIGNAGE SHALL BE LOCATED ALONG BOTH SIDES OF BARRIER (WHERE ACCESSIBLE), AND SPACED 10 FT. O.C. MAX.

FLOOR PLAN - EXISTING

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

REVISIONS

CONSULTANT



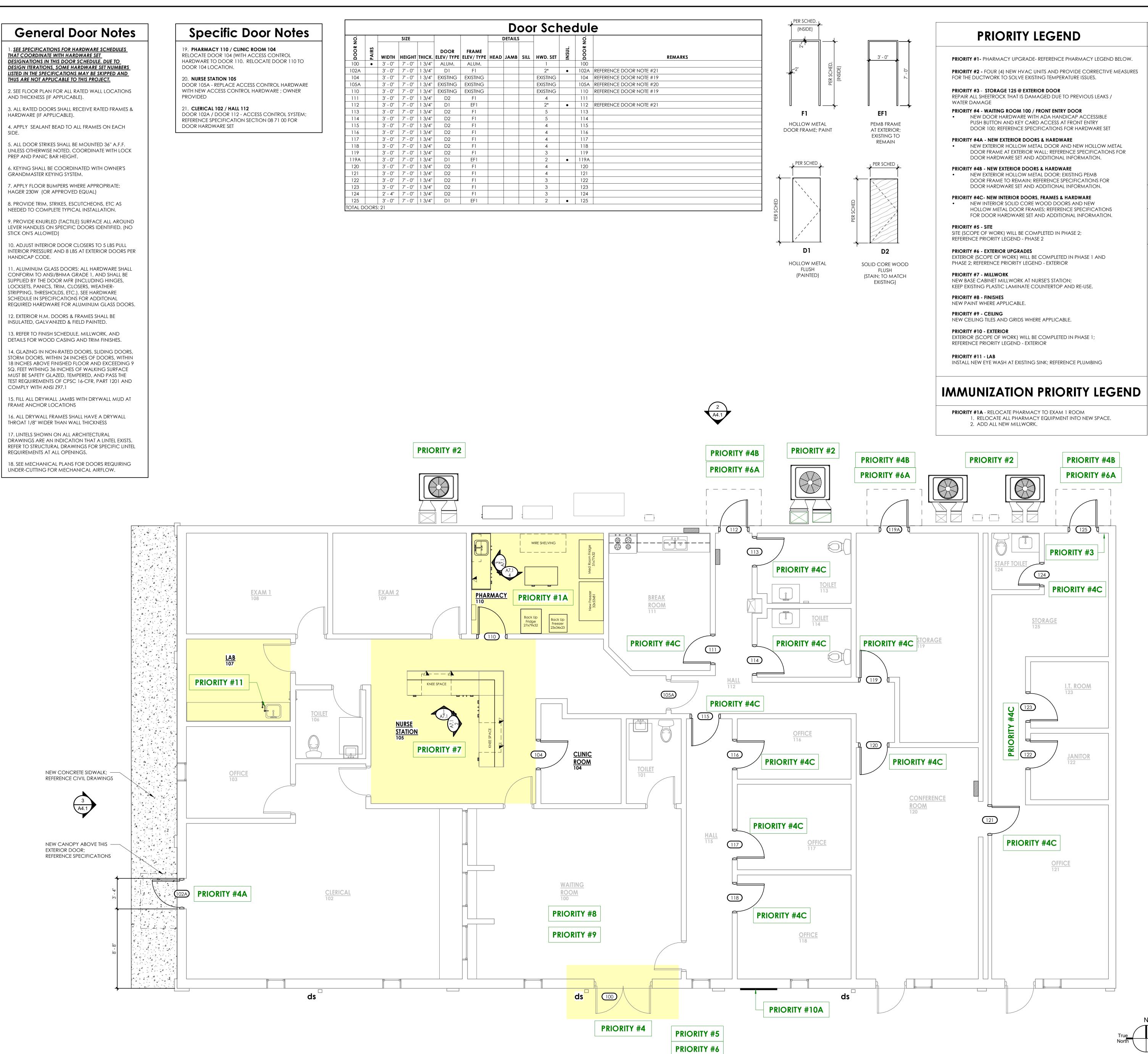
ITY HEALTH DEPARTMENT
NOVATION | PHASE 1
FOR AYNE COUNTY
1ynesboro, Tennessee PLAN - EXISTING

WAYNE COUNTY INTERIOR RENC

FLOOR

MAY 30, 2024 J-7076

A1.0



A4.1

PRIORITY LEGEND - EXTERIOR

PRIORITY #5A- SITE (PHASE 2)

NEW PARKING LOT WITH HANDICAP ACCESS RAMP & ADD STAFF

PARKING LOT TO THE NORTH SIDE OF BUILDING WITH SIDEWALK TO BACK EMPLOYEE DOOR.

BACK EMPLOYEE DOOR.

PRIORITY #6A - EXTERIOR UPGRADES (PHASE 1)

NEW AWNING / CANOPY OVER EXTERIOR REAR DOORS

PATCH AND REPAIR DAMA OF (HOLE) AT ERONT EXTERIOR

PRIORITY #6A - EXTERIOR UPGRADES (PHASE 1)

NEW AWNING / CANOPY OVER EXTERIOR REAR DOORS
 PATCH AND REPAIR DAMAGE (HOLE) AT FRONT EXTERIOR
 WALL / BRICK FACADE

WALL / BRICK FACADE
 SPRAY INSULATION FOR ENTIRE BUILDING

SPRAY INSULATION FOR ENTIRE BUILDING

PRIORITY #6B - EXTERIOR UPGRADES (PHASE 2)

STORAGE UNIT; NEW BUILDING REPAIR CURRENT SIDEWALKS AND STAIN NEW FLAGPOLE

PRIORITY #10A - EXTERIOR UPGRADES (PHASE 1)

NEW LAB BOX HOLDER; FABRICATE METAL HOLDER;

NEW CHAINLINK FENCE WITH MESH SCREEN

ADD ALTERNATE NO. 1

PRIORITY #11 - LED LIGHTING

COORDINATE WITH SHEET E2.1 FOR LED LIGHTING NOTES REPLACE EXISTING FIXTURES FOR LED LIGHT FIXTURES.

General Notes

ANCHOR BOLT TO BRICK AND EPOXY TO SET ANCHOR BOLTS

- 1. CONTRACTOR SHALL THOROUGHLY FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO AND DURING CONSTRUCTION, AND REPORT ANY DISCREPANCIES TO DESIGNER BEFORE PROCEEDING WITH WORK.
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FLOOR PLAN - PROPOSED

CONSULTANT

AGINEERS son, Tennessee 88,9959 (fax)

ARCHITECTS + ENGIN

Y HEALTH DEPARTMENT
OVATION | PHASE 1

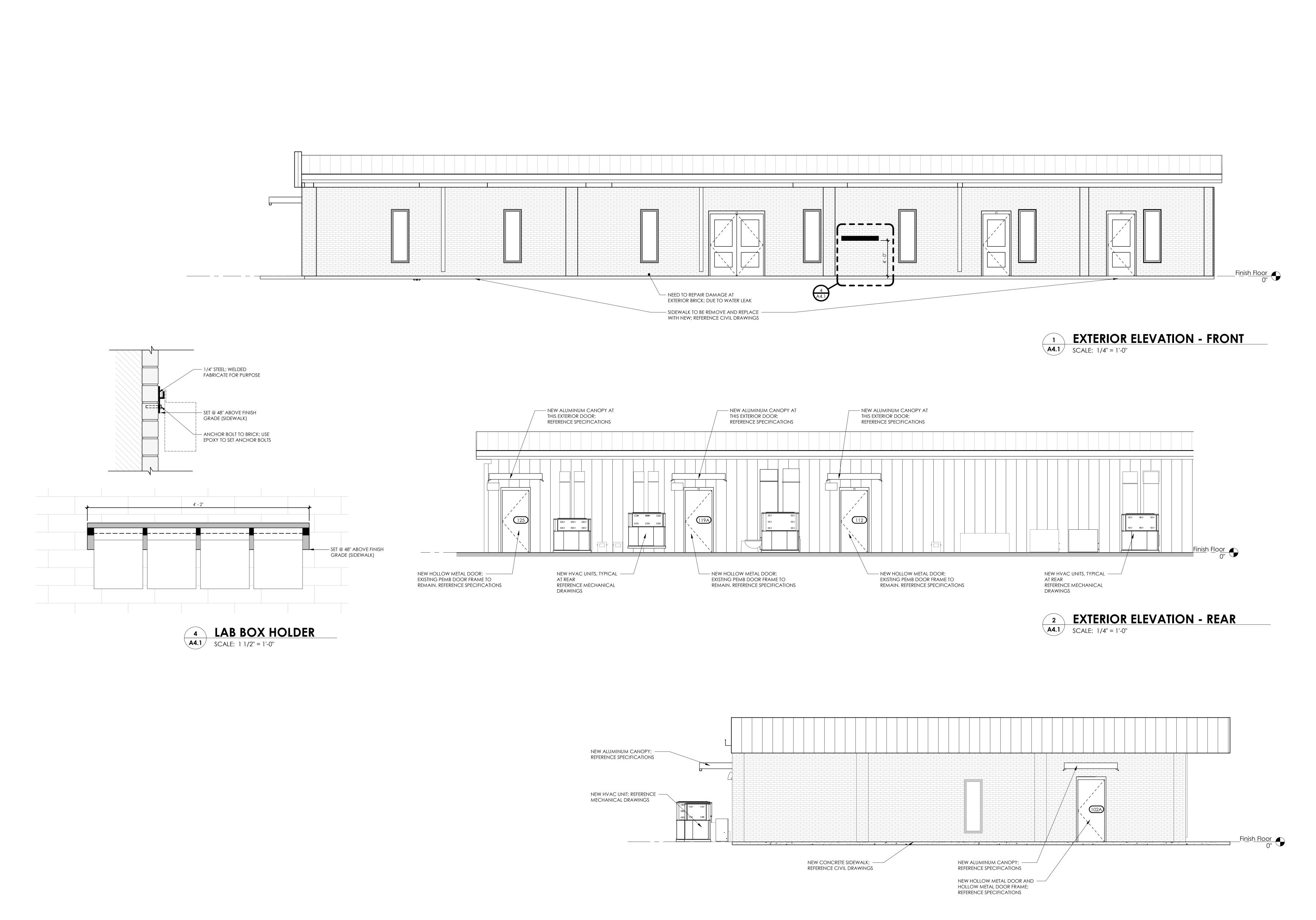
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FLOOR P

WAYNE COUNTY HE INTERIOR RENOVA

MAY 30, 2024 J-7076

A1.1



REVISIONS

CONSULTANT

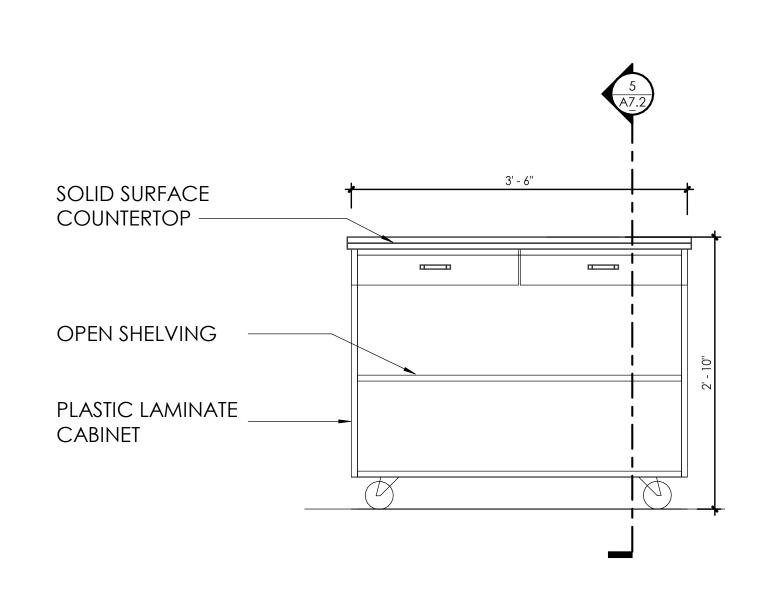
ITY HEALTH DEPARTMENT
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FOR AYNE COUNTY
Ilynesboro, Tennessee EXTERIOR ELEVATIONS

WAYNE COUNTY
INTERIOR RENC
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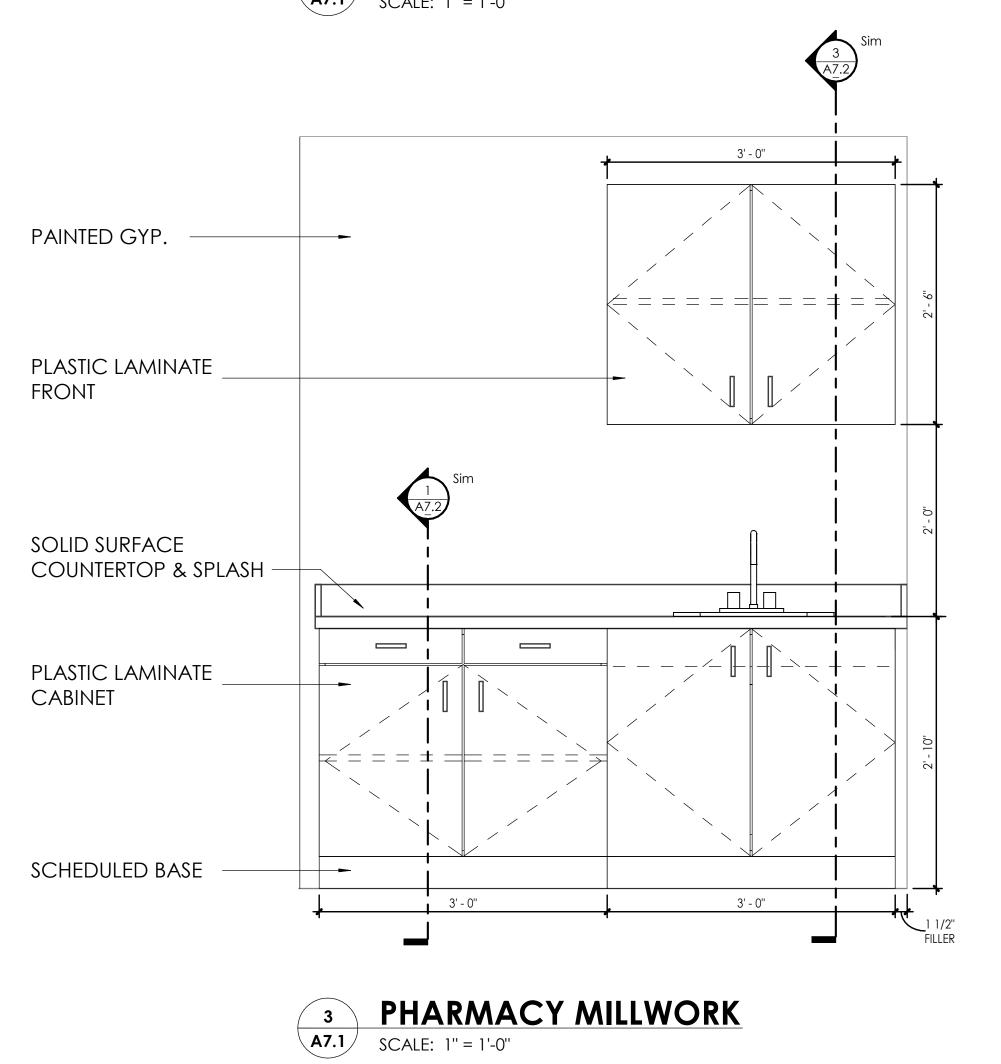
MAY 30, 2024

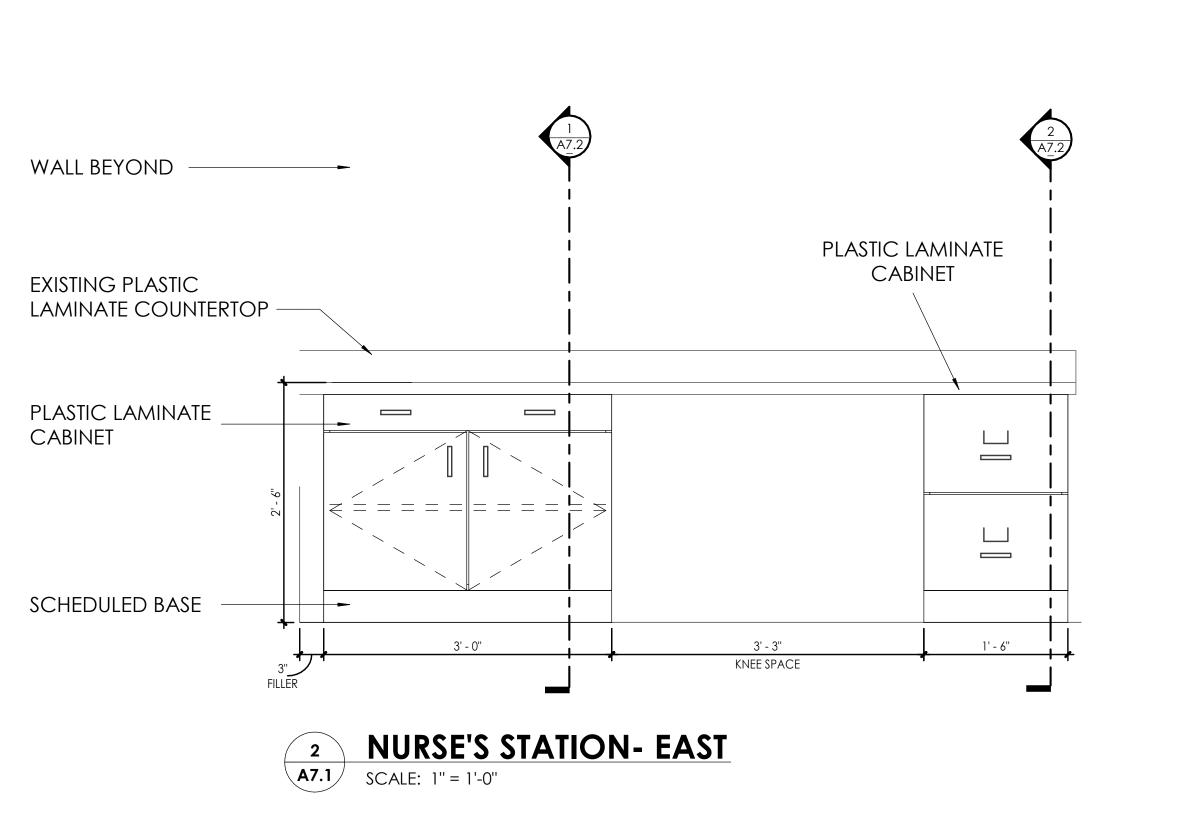
3 EXTERIOR ELEVATION - SIDE SCALE: 1/4" = 1'-0"

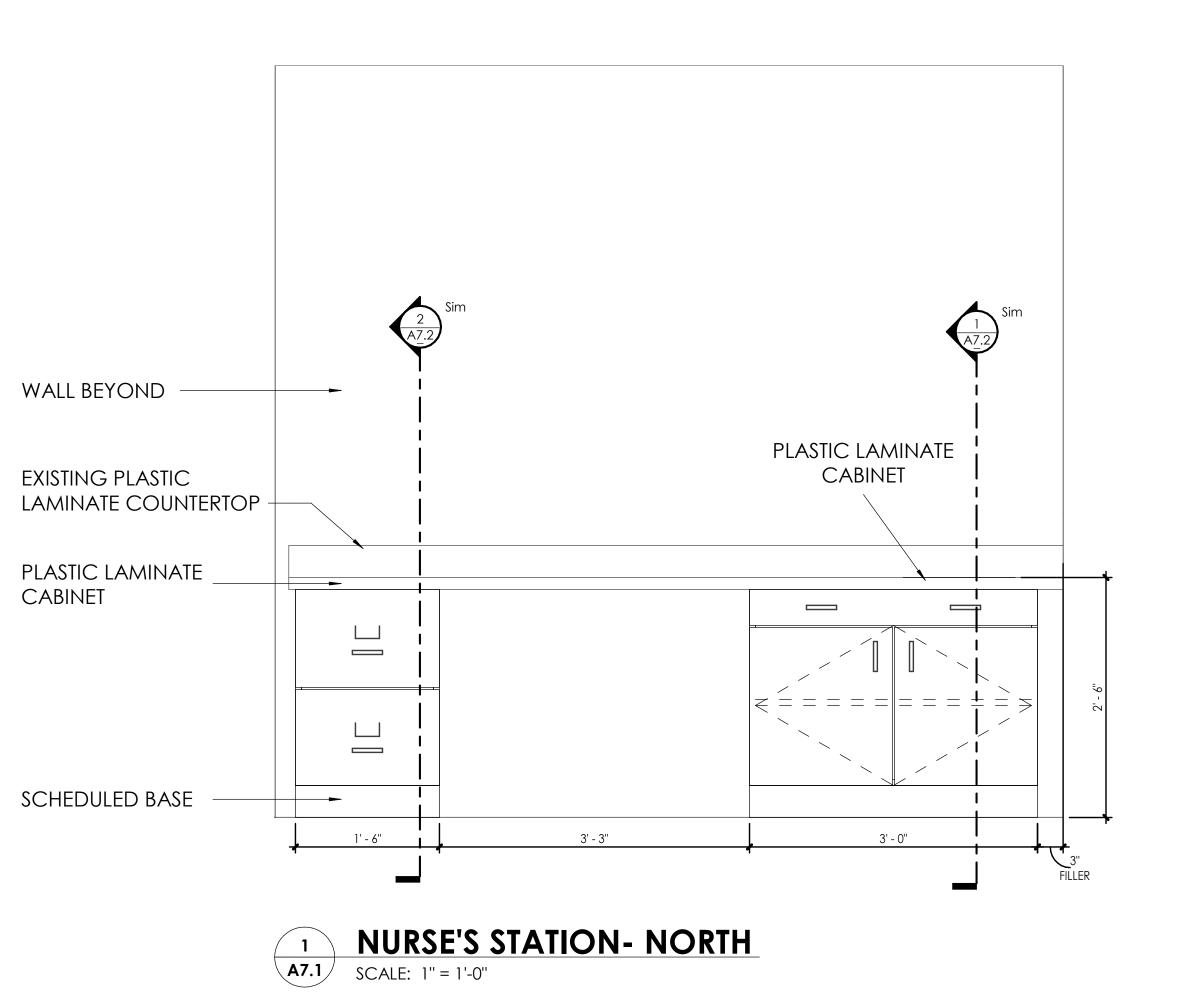
J-7076 **A4.1**

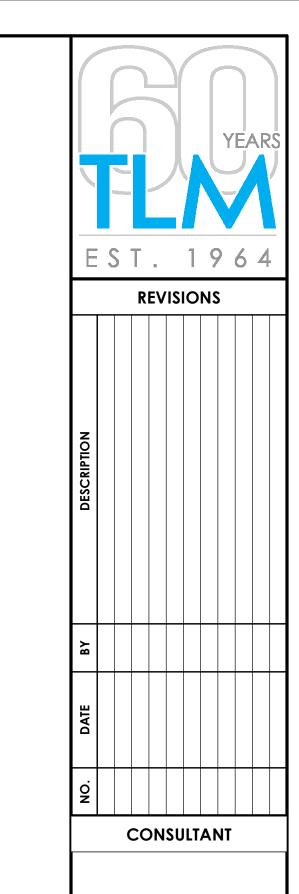


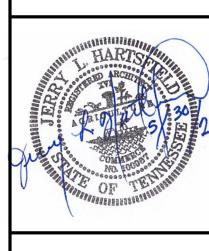
PHARMACY ISLAND- MOBILE SCALE: 1" = 1'-0"







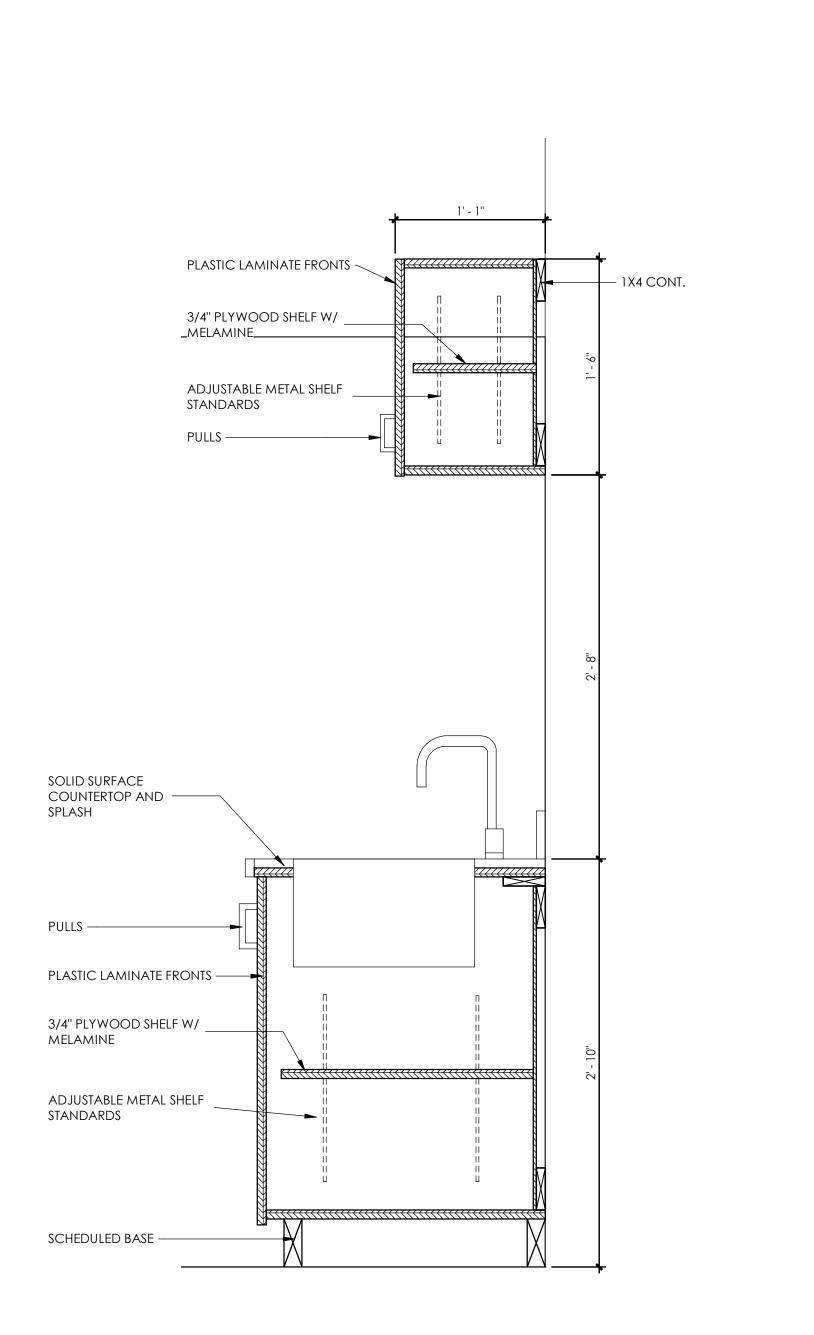




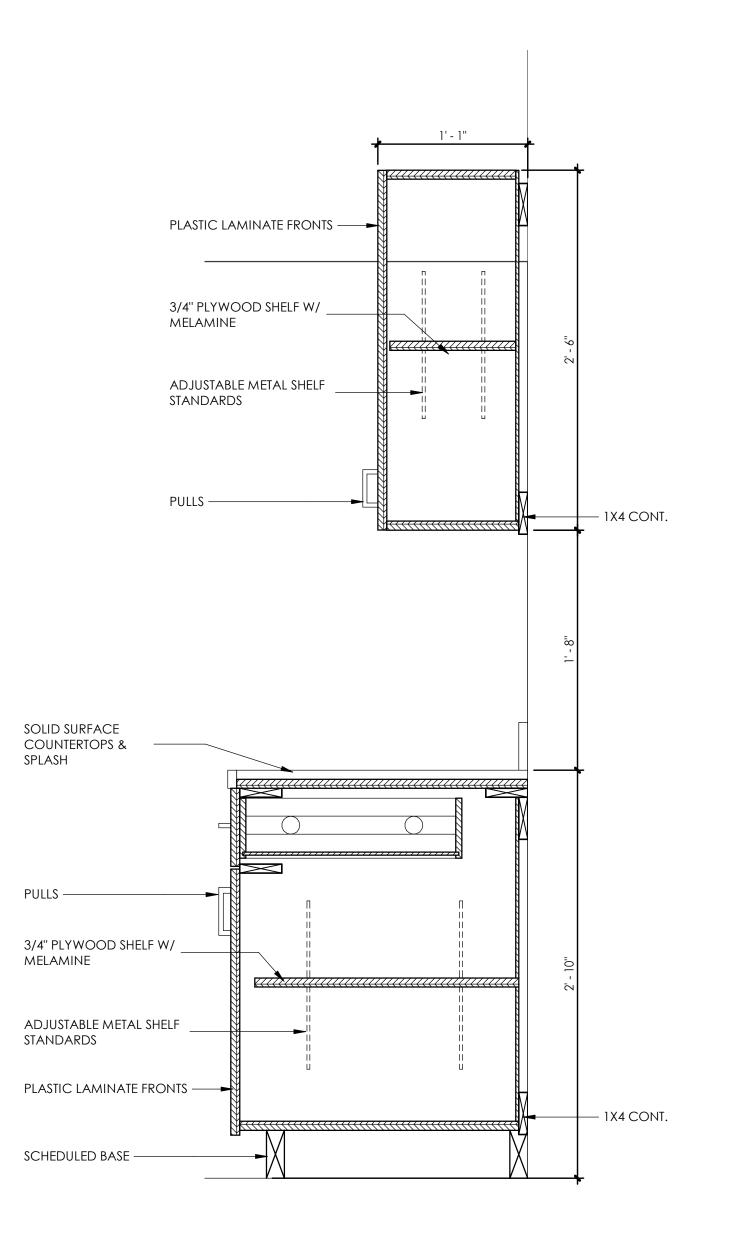
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FOR AYNE COUNTY
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MAY 30, 2024 J-7076

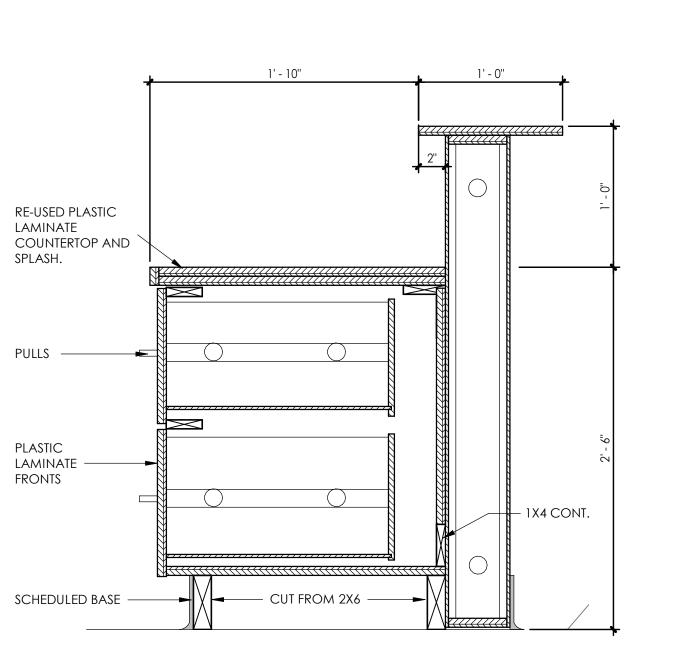
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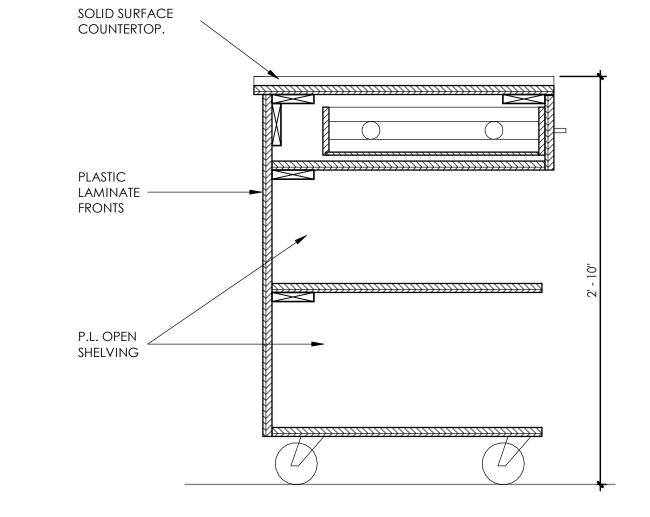




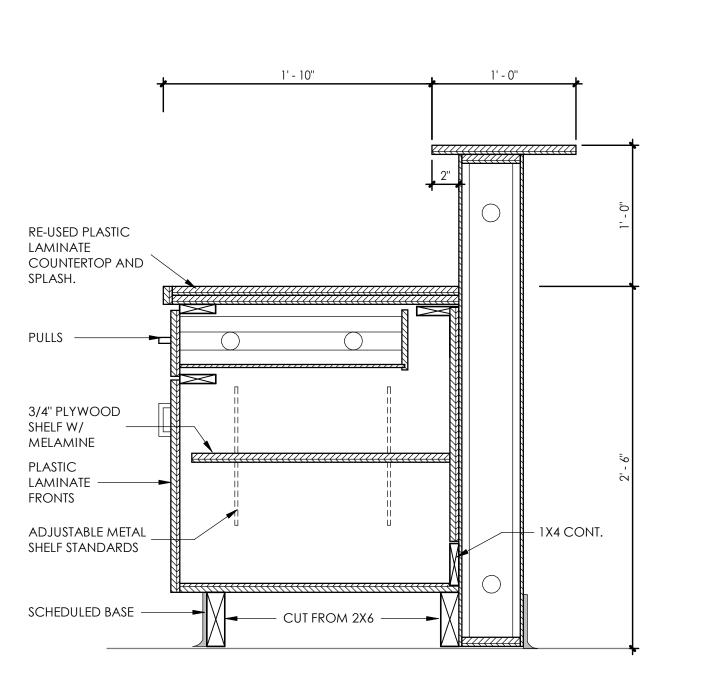






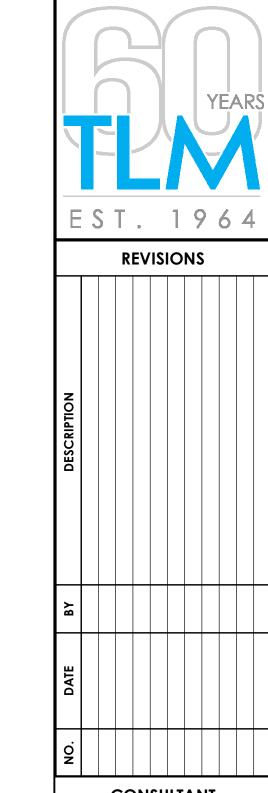


5 PHARMACY ISLAND- MOBILE
SCALE: 1 1/2" = 1'-0"

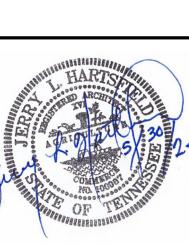


1 NURSE'S STATION EAST- A

SCALE: 1 1/2" = 1'-0"



CONSULTANT



TY HEALTH DEPARTMENT
NOVATION | PHASE 1
FOR AYNE COUNTY
Ilynesboro, Tennessee MILLWORK SECTIONS

WAYNE COUNTY
INTERIOR RENC

MAY 30, 2024 J-7076

A7.2

| | | | D | UCTLESS I | MINI-S | SPLIT UNIT | SCHEDULI | Ε | | | |
|---------------|--------------------|--------------|--|---|--------|--------------|---|-----------|--------------|--------------|-------------|
| MARK | NOMINAL TONNAGE | AREA SERVED | OUTDOOR UNIT COOLING CAPACITY BTU/HR | INDOOR UNIT COOLING CAPACITY BTU/HR | CFM | HEATING TYPE | HEATING COIL CAPACITY - OUTPUT BTUH | VOLTAGE | MCA/ MOCP | MODEL | NOTES |
| IDU-1 / ODU-1 | 1.5 | NEW MED ROOM | 18,000 | 18,000 | 400 | COOLING ONLY | NA | 208/230/1 | 19/30 | LG LS181HSV5 | 1,2,3,4,5,6 |
| | | | | | | | | | | | |

1. PROVIDE TEMPERATURE CONTROLS WITH 7-DAY PROGRAMMING AND AUTO CHANGEOVER

2. PROVIDE WALL MOUNT INDOOR UNIT. POWER TO INDOOR UNIT IS FED FROM OUTDOOR UNIT. 3. ALL HVAC SYSTEMS MUST BE PURCHASED AND INSTALLED ACCORDING TO ALL LOCAL CODES INCLUDING THE ENERGY CODES

4. PROVIDE OR COORDINATE PROVISION OF DISCONNECT FOR BOTH INDOOR AND OUTDOOR UNITS

5. PROVIDE AND INSTALL A REFRIGERATION LINESET ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS. SEAL THE WALL/ROOF PENETRATION

PROVIDE CONDENSATE PUMP

INCOMING GAS LINE

APPLIANCE

FULL SIZE NON-LUBRICATED PLUG VALVE UPSTREAM

POUNDS-TO-OUNCES REGULATOR SIZED FOR

TYPICAL PIPING AT REGULATOR

7 NATURAL GAS CONNECTION DETAIL

OF REGULATOR. -

| | | | PAC | KAGE | ED All | R CC | NDITIC | NING UN | IT SCH | EDU | LE | | |
|--------|--------------------|------------------------|------------------------------------|------|--------|------|-----------------|--|-----------|------|------|----------------------------|-------------------|
| MARK | NOMINAL TONNAGE | AREA SERVED | COOLING COIL CAPACITY - BTUH | CFM | OSA | ESP | HEATING TYPE | HEATING COIL CAPACITY - IN/OUT (MBH) | VOLTAGE | MCA | МОСР | MODEL | NOTES |
| PMU-1 | 4 | EXAM RMS AND NURSES | 48,000 | 1600 | 180 | 0.8" | NAT GAS | 65 / 52 | 208/230/1 | 30 | 45 | JCI GAURDIAN PCG4B480652X4 | 1,2,3,4,5,6,7,8,9 |
| PMU-2 | 5 | LOBBY AND FRONT OFFICE | 60,000 | 1950 | 310 | 0.8" | NAT GAS | 65 / 52 | 208/230/1 | 36.5 | 50 | JCI GAURDIAN PCG4B600652X4 | 1,2,3,4,5,6,7,8,9 |
| PMU-3 | 2 | CONF RM | 24,000 | 800 | 85 | 0.8" | NAT GAS | 50 / 40 | 208/230/1 | 16.9 | 25 | JCI GAURDIAN PCG4A240502X4 | 1,3,4,5,6,7,8,9 |
| PMU-4 | 2 | END OFFICE | 24,000 | 800 | 85 | 0.8" | NAT GAS | 50 / 40 | 208/230/1 | 16.9 | 25 | JCI GAURDIAN PCG4A240502X4 | 1,3,4,5,6,7,8,9 |
| | | | | | | | | | | | | | |
| NOTES: | | | | | | | ' | | ' | | | | |

1 PROVIDE 7-DAY PROGRAMABLE THERMOSTAT WITH AUTO CHANGEOVER.

2 PROVIDE ENTHALPY ECONOMIZER IN RETURN DUCT

3 ALL HVAC SYSTEMS MUST BE PURCHASED AND INSTALLED ACCORDING TO ALL LOCAL CODES INCLUDING THE ENERGY CODES. DESIGN OA CONDITIONS ARE 95/75 DEG F.

4 PROVIDE FILTER SECTION WITH MERV 7 FILTERS DOWNSTREAM OF OSA INTAKE 5 FOR UNITS EQUAL TO OR GREATER THAN 2,000 CFM, INSTALL A SMOKE DETECTOR IN THE SUPPLY AND RETURN DUCTS TO SHUT DOWN UNIT WHEN TRIPPED.

6 PROVIDE IONINZING AIR CLEANING IN ACCORDANCE WITH IAQ PROCEDURE IN ASHRAE 62.1 FOR IMPROVED INDOOR AIR QUALITY AND TO ALLOW REDUCTION OF OUTSIDE AIR REQUIRED. 7 COORDINATE PROVISION OF CONCRETE PAD WITH GENERAL CONTRACTOR.

8 PROVIDE DISCONNECT OR COORDINATE WITH THE ELECTRICAL CONTRACTOR

9 PROVIDE A UV LIGHT IN THE UNIT ON THE LEAVING SIDE OF THE COIL. THE UV LIGHT WILL REQUIRE A SEPARATE POWER FEED.

| | | ELECTRIC | AL COM | IPONENT | RESP | ONSIBII [*] | TY SCH | HEDULE | | | | |
|-----------------|-----------|------------------------------|--------|---------------|--------------|----------------------|-------------|---------------|-------------|-----------------|-----------------------|-------|
| Equip | Star | Starters Prov. By Install By | | -D's | Disconnnects | | Cor | ntrols | _ | actors/ ches | | |
| | Prov. By | | | Install By | Prov. By | Install By | Prov. By | Install By | Prov. By | Install By | Pov Interco Wir | nnect |
| PMU'S | MC | MC | NA | NA | MC | MC | MC | MC | MC | MC | NA | NA |
| MINI SPLITS | MC | MC | NA | NA | EC | EC | MC | MC | MC | MC | EC | EC |
| MC - MECHANIC | AL SUB-CO | VTRACTO | R PROV | IDES | • | • | | • | | • | | |
| EC - ELECTRICAL | SUB-CONTI | RACTOR P | ROVIDE | S | | | | | | | | |

| | AIR DISTRIBUTION SCHE | DULE |
|-------|---------------------------------|------------------|
| MARK | DESCRIPTION | MODEL (EQUAL TO) |
| SAD-1 | 24"X24" CEILING SUPPLY DIFFUSER | NAILOR RNS3 |
| | | |
| RG-1 | 24"X24" CEILING RETURN GRILLE | NAILOR 4260 |

- 1 ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LOCAL STATE, FEDERAL BUILDING CODE AND STATE HEALTH REGULATIONS AS WELL AS ANY
- APPLICABLE LOCAL REQUIREMENTS. 2 THESE DRAWINGS ARE DIAGRAMMATIC AND ARE NOT SHOP DRAWINGS. THIS CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS BEFORE FABRICATION OF DUCTWORK OR PIPING AND PROVIDE NECESSARY OFFSETS AND APPURTENANCES IN DUCTWORK AND PIPING TO AVOID ALL OBSTRUCTIONS.
- 3 ALL MATERIALS SHALL BE NEW AND OF THE FINEST QUALITY.
- 4 ALL WORK SHALL BE PERFORMED BY TRADESMEN THAT ARE TRAINED AND HIGHLY SKILLED IN THE WORK THAT THEY ARE TO PERFORM. 5 ALL EQUIPMENT, MATERIALS, AND LABOR FURNISHED BY THIS CONTRACTOR SHALL BE WARRANTED BY HIM FOR A PERIOD OF ONE YEAR FROM THE DATE OF
- 6 HVAC CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR ALL VOLTAGES, ELECTRICAL LOADS, ETC. OF ELECTRICALLY OPERATED EQUIPMENT PRIOR TO ORDERING. ALL WIRING BY ELECTRICAL CONTRACTOR. DISCONNECT FOR PACKAGED AIR CONDITIONERS SHALL BE SUPPLIED AND INSTALLED BY
 - ELECTRICAL CONTRACTOR. 7 THE CONTRACTOR SHALL SECURE AND PAY FOR ALL NECESSARY PERMITS, INSPECTIONS, ETC.
 - 8 CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SITE COORDINATION.
- 9 ROUTE ALL DUCTWORK PARALLEL AND PERPENDICULAR TO BUILDING LINES. DUCTWORK SHALL BE HUNG LEVEL AND FREE OF BENDS, CRIMPS AND SAGS. 10 DUCTWORK SHALL BE CONSTRUCTED OF PRIME GALVANIZED SHEET METAL; USE OF FIBERGLASS DUCTBOARD IS NOT ACCEPTABLE. ALL JOINTS SHALL BE SEALED WITH HIGH-PRESSURE DUCT SEALANT. PROVIDE TURNING VANES AT ALL ELBOWS AND OFFSETS. ALL DUCTWORK SHALL BE ROUTED CONCEALED AND SHALL BE SECURELY SUPPORTED FROM THE BUILDING STRUCTURAL ELEMENTS.
- 11 ALL INSULATED DUCTWORK SHALL HAVE EXTERNAL WRAP OR INTERNAL LINER. DUCT SIZES SHOWN ON THE DRAWINGS ARE CLEAR AIR DIMENSIONS AND
- HAVE NOT BEEN ADJUSTED FOR INTERNAL LINER. EXPOSED DUCT SHALL BE PAINT GRIP DOUBLE WALL SPIRAL DUCT WITH FIBERGLASS INSULATION BETWEEN
- 12 CONSTRUCT ALL SUPPLY AIR DUCTWORK IN ACCORDANCE WITH SMACNA STANDARDS FOR 2" PRESSURE CATEGORY. CONSTRUCT ALL RETURN AIR
- DUCTWORK IN ACCORDANCE WITH SMACNA STANDARDS FOR 1" PRESSURE CATEGORY.
- 13 LIMIT LENGTHS OF FLEXIBLE DUCTWORK TO 6'0" OR LESS. 14 ALL DUCTWORK LOCATED OUTSIDE OF THE BUILDING ENVELOPE, INCLUDING UNINSULATED ATTIC OR MEZZANINE SPACES, SHALL BE INSULATED WITH MINIMUM R-8 INSULATION. DUCTWORK LOCATED IN UNCONDITIONED SPACES WITHIN THE BUILDING ENVELOPE SHALL BE INSULATED WITH MINIMUM R-6 INSULATION. DUCTWORK LOCATED IN CONDITIONED SPACES, INCLUDING CEILING SPACES USED AS RETURN AIR PLENUMS SHALL BE INSULATED FOR
- 15 SEAL ALL LONGITUDINAL AND TRANSVERSE SEAMS BEFORE APPLYING INSULATION.

CONDENSATION CONTROL ONLY.

- 16 EXPOSED DUCT SHALL BE FABRICATED USING "PAINT GRIP" GALVANIZING. 17 PROVIDE DEEP SEAL PVC CONDENSATE TRAPS ON AIR CONDITIONERS. IF ALLOWED BY LOCAL CODE, CONDENSATE PIPING SHALL BE ASTM D-2665, D-1785,
- SCHEDULE 40 PVC WITH PVC FITTINGS. JOINTS SHALL BE ASTM D-2855, SOLVENT WELDED WITH ASTM D-2564 SOLVENT CEMENT. 18 THE COMPLETED INSTALLATION SHALL BE IN ACCORDANCE WITH ALL UTILITY COMPANY REGULATIONS, APPLICABLE INDUSTRY STANDARDS OF GOOD

PRACTICE AND SAFETY AND THE MANUFACTURERS' RECOMMENDATIONS FOR EQUIPMENT AND PRODUCT APPLICATION AND INSTALLATION.

- 19 THE CONTRACTOR SHALL VISIT THE SITE, OBSERVE EXISTING CONDITIONS AND VERIFY THAT THE WORK CAN BE INSTALLED IN ACCORDANCE WITH THE
- 20 SUBMIT PRODUCT DATA SHEETS AND SHOP DRAWINGS REPRESENTING THE WORK PROPOSED TO BE INSTALLED PRIOR TO THE ACTUAL INSTALLATION, FOR REVIEW AND COMMENT BY THE ARCHITECT. SHOP DRAWINGS SHALL SHOW ALL EQUIPMENT, MAINTENANCE CLEARANCE, ETC.
- 21 ALL PENETRATIONS THROUGH RATED WALLS OR FLOORS SHALL BE SEALED WITH AN APPROVED U.L. LISTED FIREPROOFING TO MAINTAIN THE INTEGRITY OF THE WALL OR FLOOR. 22 THE CONTRACTOR SHALL TEST AND BALANCE THE NEW HVAC SYSTEMS AND SHALL SUBMIT COPIES OF TEST AND BALANCE REPORTS TO THE ENGINEER FOR
- 23 INSTALL SMOKE DETECTORS IN THE DUCTWORK AT AIR CONDITIONERS FOR FAN SHUTDOWN IN ACCORDANCE WITH CODE.
- 24 SUPPLY, INSTALL AND WIRE DIGITAL, NON-MERCURY, SEVEN-DAY PROGRAMMABLE THERMOSTATS/HUMIDISTATS FOR EACH AIR CONDITIONER. MOUNT THERMOSTATS WHERE INDICATED ON THE DRAWING AT 48" ABOVE THE FLOOR.
- 25 VERIFY THAT EACH PIECE OF EQUIPMENT OR SYSTEM HAS BEEN CHECKED FOR PROPER LUBRICATION, DRIVE ROTATION, BELT TENSION, CONTROL SEQUENCE OR FOR OTHER CONDITIONS WHICH MAY CAUSE DAMAGE.
- 26 DEMONSTRATE OPERATION AND MAINTENANCE OF PRODUCTS TO OWNER'S PERSONNEL ONE WEEK PRIOR TO DATE OF FINAL INSPECTION. 27 EXECUTE FINAL CLEANING PRIOR TO FINAL PROJECT ASSESSMENT. 28 LOCATE DUCTS AND EQUIPMENT WITH SUFFICIENT SPACE AROUND EQUIPMENT TO ALLOW NORMAL OPERATING AND MAINTENANCE ACTIVITIES.
- 29 PROVIDE CANVAS, FLAME RETARDANT DUCT CONNECTORS AT ALL CONNECTIONS OF EQUIPMENT TO DUCTWORK. 30 VERIFY FLOOR PLAN AND WALL/FLOOR/CEILING RATINGS WITH ARCHITECTURAL PLANS. PROVIDE RATED PENETRATIONS AT EACH INSTANCE WHERE
- MECHANICAL INSTALLATION PENETRATES A RATED ASSEMBLY. PENETRATIONS SHALL BE PER DETAILS ON DRAWINGS OR SOME OTHER U.L. LISTED DESIGN.
- 31 ALL SUPPLY AIR DIFFUSERS SHALL HAVE 4-WAY THROW UNLESS INDICATED OTHERWISE ON THE PLANS. 32 FRAME STYLE OF ALL AIR DISTRIBUTION DEVICES SHALL MATCH THE TYPE OF CEILING/WALL IN WHICH THEY ARE INSTALLED. VERIFY WITH ARCHITECTURAL
- 33 THE COLOR OF ALL AIR DISTRIBUTION DEVICES SHALL BE AS DIRECTED BY THE ARCHITECT. 34 COORDINATE WITH GENERAL CONTRACTOR ON SIZE AND LOCATION OF STURCTURAL SUPPORT OR CONCRETE PADS FOR ANY EQUIPMENT REQUIRING
- 35 USE EQUIVALENT SQUARE INCHES TO CHANGE DUCT DIMENSIONS OR CONSULT WITH MECHANICAL ENGINEER IF NEEDED.
- 36 DUCT PENETRATIONS THROUGH THE EXTERIOR WALL SHALL BE WEATHERPROOFED WITH FLASHING AND CAULK. 37 THE AIR CONDITIONING EQUIPMENT SHALL BE MANUFACTURED BY DAIKIN, YORK, CARRIER OR AN APPROVED EQUAL. THE EXHAUST FANS SHALL BE MANUFACTURED BY LOREN COOK, GREENHECK, AREOVENT OR AN APPROVED EQUAL.
- NATURAL GAS NOTES: 1 VALVES TO BE NON-LUBRICATED PLUG VALVES RATED FOR GAS SERVICE. PROVIDE NON-CONDUCTING DIELECTRIC CONNECTIONS WHEREVER JOINTING
- DISSIMILAR METALS. 2 PIPING, UNIONS, VALVES, ETC. SHALL REMAIN FULL-SIZE AND SHALL NOT REDUCE TO UNIT CONNECTION SIZE UNTIL WITHIN 6" OF UNIT APPLIANCE.
- 3 ANCHOR GAS PIPING TO APPLIANCE PAD OR BUILDING STRUCTURE WITHIN 36" OF TERMINATION. DIRT LEG AND SHUT-OFF VALVE SHALL BE EXPOSED. GAS PIPING SHALL NOT BE INSTALLED IN ROOF CURB OF ANY GAS-FIRED ROOF MOUNTED EQUIPMENT. 4 DIRT LEGS SHALL BE INSTALLED AS SHOWN IN DETAIL, FORMED BY A 6" CAPPED NIPPLE IN THE RUN OF A TEE.
- LABEL ALL GAS PIPING. FOR OTHER THAN STEEL PIPE, EXPOSED PIPING SHALL BE IDENTIFIED BY A YELLOW LABEL MARKED "GAS" IN BLACK LETTERS AND EACH LENGTH OF PIPE OR TUBING. EACH PIPE FITTING UTILIZED IN A FUEL/GAS SYSTEM SHALL BEAR IDENTIFICATION OF THE MANUFACTURER.
- 6 ALL PRESSURE REGULATORS INSTALLED INDOORS SHALL BE VENTED TO OUTDOORS WITH SCH 40 BLACK STEEL PIPING SAME SIZE AS VENT OUTLET ON REGULATOR. PRESSURE REGULATORS INSTALLED OUTDOORS SHALL BE INSTALLED A MIN OF 24" ABOVE GRADE WITH VENT OUTLET FACING DOWN.
- 7 GAS PIPING SHALL BE SCHEDULE 40 BLACK STEEL ASTM A120 OR A53. FITTINGS ON ALL PIPING INSTALLED IN CONCEALED INACCESSIBLE SPACE SHALL BE
- 8 FITTINGS 2" AND SMALLER (PRESSURES LESS THAN 1 PSIG) SHALL BE SCREWED MALLEABLE IRON OR VIEGA MEGAPRESS G. 9 SYSTEMS INSPECTED AND FOUND NOT TO COMPLY WITH THESE REQUIREMENTS WILL REQUIRE CORRECTION AT NO ADDITIONAL COST TO THE OWNER.

DUCT HANGERS, ATTACH TO

THE STRUCTURE ABV.

AIR SCOOP

MANUAL DAMPER WITH LOCKING QUADRANT REGULATOR.

- 10 COORDINATE NEW GAS DEMAND WITH LOCAL UTILITY COMPANY. PROVIDE NEW REGULATORS ON THE EXISTING MAIN AS REQUIRED. 11 PROVIDE SEISMIC BRACING IF REQUIRED FOR NAT GAS PIPING.
- 12 PROVIDE FLEXIBLE CONNECTIONS TO GAS FIRED EQUIPMENT IF REQUIRED TO MEET SEISMIC CODES. 13 FOR GAS PIPING IN ACCESSIBLE CEILING SPACES, VALVES SHALL NOT BE LOCATED IN SUCH SPACES UNLESS THEY SERVE GAS APPLIANCES IN SUCH SPACES.

ATTACH THE FLEXIBLE DUCT TO THE

RIGID DUCT AND THE DIFFUSER USING

TWO (2) BANDS; ONE FOR THE DUCT AND ONE FOR THE INSULATION.

INSULATE DUCT, FLEX, AND TOPS

OF DIFFUSERS

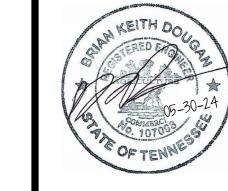
DIFFUSER RUNOUT DETAIL

U.L. LISTED FLEXIBLE DUCT. THE MAXIMUM ALLOWABLE LENGTH SHALL

BE 6'-0". SUPPORT TO PREVENT SHARP BENDS OR SAG.

CEILING DIFFUSER

8 DIFFUSER RUNOUT DETAIL



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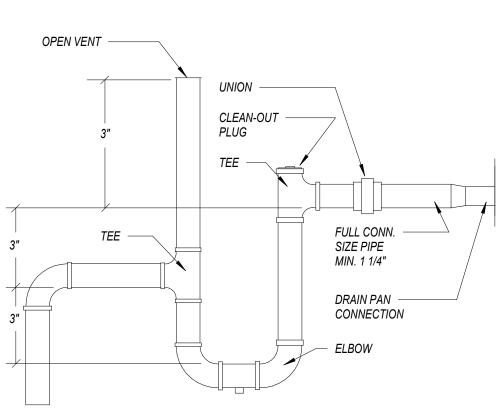
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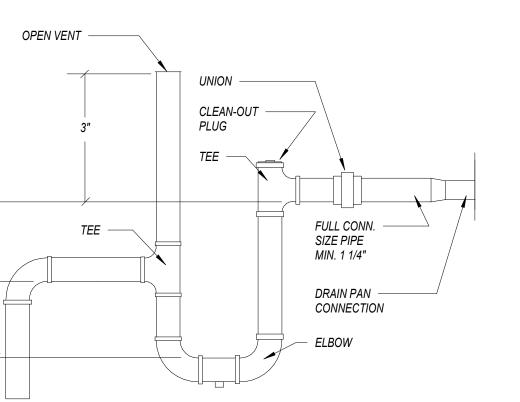
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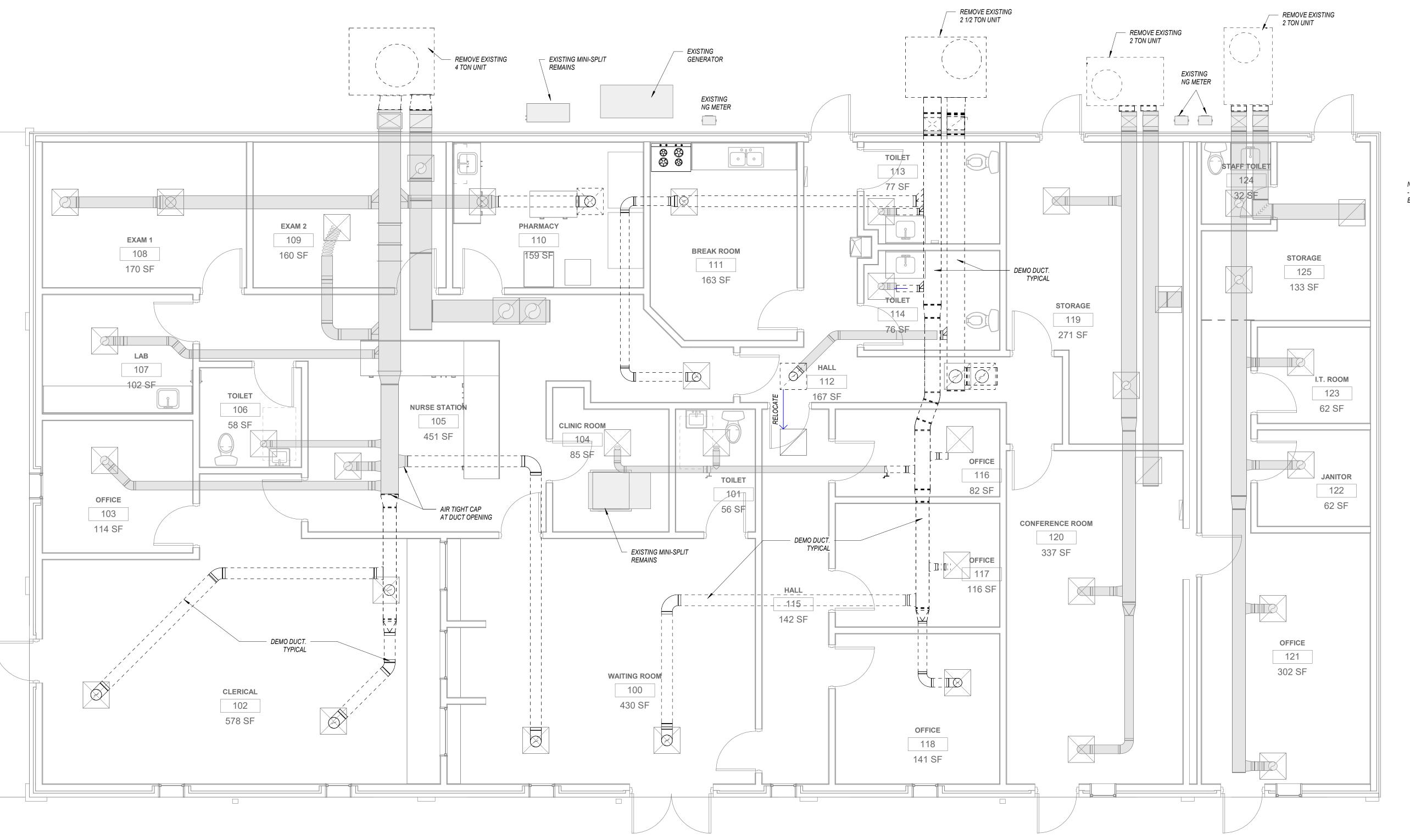
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NOTE: SLOPE DRAIN LINE MINIMUM OF 1/8" PER FOOT.

6 CONDENSATE DRAIN TRAP





1 HVAC DEMO PLAN

1/4" = 1'-0"

NOTE: - CAP, INSULATE AND SEAL UNUSED BRANCH TAPS OR OPENINGS.

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M ASSOCIATES, IN

CHITECTS + ENGINEE

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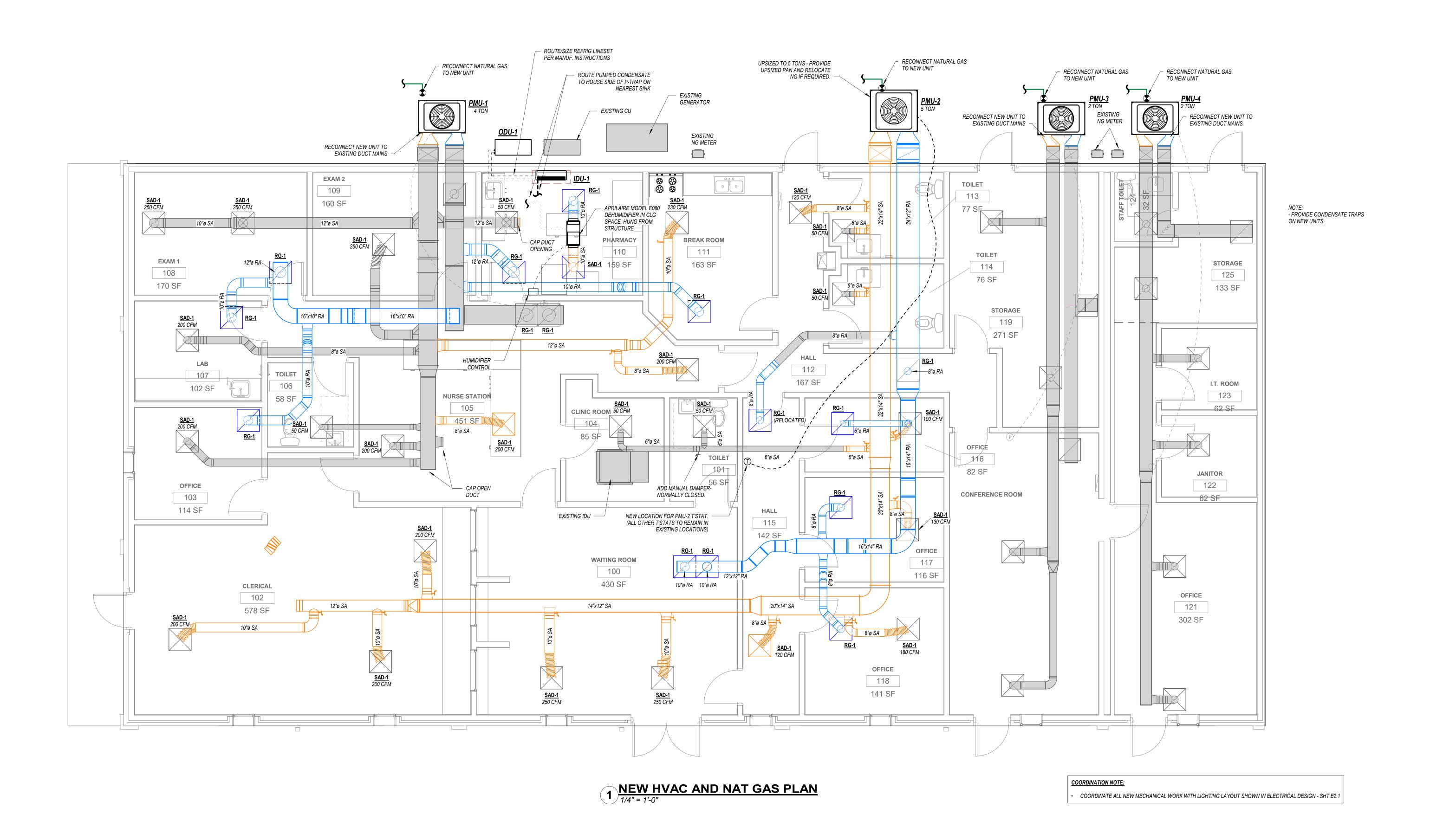
HVAC DEMO PLAN

E COUNTY HEALTH DEPARTMENT
RENOVATION
FOR
WAYNE COUNTY
Waynesboro, Tennessee

MAY. 30, 2024 J-7076

M1-1

WAYNE



REVISIONS CONSULTANT

COUNTY HEALTH DEPARTMENT
RENOVATION
FOR
WAYNE COUNTY
Waynesboro, Tennessee

MAY. 30, 2024 J-7076

M1-2

| | | Р | LUMBING | PIPE SCHE | DULES | |
|---------|-------------------------|-------------------|---------------|--------------------|-----------|---------------------------------|
| | | | TYPICA | AL PIPING SCHEDULE | | |
| ARK | DESCRIPTION | PIPE SIZE | PIPE MATERIAL | FITTING MATERIAL | | INSULATION SPECS |
| AKK | DESCRIPTION | PIPE SIZE | PIPE WATERIAL | FITTING WATERIAL | THICKNESS | TYPE |
| SAN | SANITARY (UNDERGROUND) | ALL | SCH 40 PVC | PVC DWV | | |
| SAN | SANITARY (ABOVE GROUND) | ALL | SCH 40 PVC | PVC DWV | | |
| /CNT | CANITA DV/ VENT | 2 1/2" & LARGER | PVC | PVC | | |
| /ENT | SANITARY VENT | 2" OR SMALLER | PVC | PVC | | |
| CW | DOMESTIC COLD WATER | 3" & LARGER | NA | NA | | |
| CW | DOMESTIC COLD WATER | 2 1/2" OR SMALLER | COPPER | COPPER | 1/2" | FIBERGLASS W/ASJ OR CLOSED CELL |
| / !! 4/ | DOMESTIC LIST WATER | 1 1/2" & LARGER | COPPER | COPPER | 1 1/2" | FIBERGLASS W/ASJ OR CLOSED CELL |
| HW | DOMESTIC HOT WATER | 1 1/4" OR SMALLER | COPPER | COPPER | 1" | FIBERGLASS W/ASJ OR CLOSED CELL |

| MIN. SLC | PE FOR DRAINAGE PIPE |
|----------------|-----------------------------|
| SIZE (IN.) | MINIMUM SLOPE (INCH PER FT) |
| 2 1/2" OR LESS | 1/4" |
| 3" TO 6" | 1/8" |
| 8" OR LARGER | 1/16" |
| | |

| | PLUMBING | FIXTURE SCHEDUL | .E | | |
|------|----------------------------------|--|--------|------|--------|
| MARK | TYPE | MODEL | CW | HW | DRAIN |
| SK-1 | STAINLESS STEEL SINGLE BOWL SINK | ELKAY LRQ1720 DROP-IN SINK, ZURN Z831B4-XL GOOSENECK FAUCET WITH WRISTBLADE HANDLES, WATTS SERIES LFUSG-B MIXING VALVE, PROVIDE WADE 5740 SOLIDS INTERCEPTOR | 1/2" | 1/2" | 1-1/2" |
| EW-1 | COUNTERTOP EYEWASH | GUARDIAN G1806 WITH G6020 THERMOSTATIC MXING VALVE | 1/2" T | EPID | |
| | | | | | |

1. ALL MODEL NUMBERS CAN BE SUBSTITUTED WITH AN EQUIVILENT PRODUCT OF EQUAL QUALITY AND PERFORMANCE.

PLUMBING NOTES

- 1 ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LOCAL, STATE, & FEDERAL BUILDING CODE AND STATE HEALTH REGULATIONS AS WELL AS ANY OTHER APPLICABLE LOCAL REQUIREMENTS.
- 2 ALL INSTALLATION MUST MEET THE APPLICABLE ENERGY CODE. 3 THESE DRAWINGS ARE DIAGRAMMATIC AND SHOW GENERAL PLUMBING LAYOUTS AND PIPE ROUTING FOR BIDDING
- PURPOSES ONLY. 4 IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONFIRM SPACE ALLOCATIONS.
- 5 ALL MATERIALS SHALL BE NEW AND OF THE FINEST QUALITY. ALL WORK SHALL BE PERFORMED BY TRADESMEN THAT ARE TRAINED AND HIGHLY SKILLED IN THE WORK THAT THEY ARE TO PERFORM.
- 6 ALL EQUIPMENT, MATERIALS, AND LABOR FURNISHED BY THIS CONTRACTOR SHALL BE WARRANTED BY HIM FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE.
- 7 PVC-DWV (ASTM 2665) PIPE AND SOLVENT WELDED FITTINGS WITH ASTM D-2564 SOLVENT CEMENT SHALL BE USED FOR UNDERGROUND SEWER PIPE IF ALLOWED BY LOCAL CODES. SERVICE WEIGHT CAST IRON (ASTM A74) MAY BE USED IF LOCAL CODES DO NOT ALLOW PVC.
- 8 USE MINIMUM 1/8" PER FT. SLOPE ON UNDERGROUND SANITARY SEWER LINE. 9 PROVIDE CLEANOUTS AT CHANGE IN DIRECTION AND AS REQUIRED INSIDE AND OUTSIDE OF BUILDING. 10 DOMESTIC WATER SHOWN ON PLANS TO RUN CONCEALED ABOVE CEILINGS WHERE THERE IS A CEILING. DOMESTIC WATER PIPE ABOVE GROUND SHALL BE COPPER TYPE L (UNLESS OTHERWISE STATED) WITH ½" (PIPE SIZES LESS

THAN 3") OR 1" (PIPE SIZES GREATER THAN OR EQUAL TO 3") FIBERGLASS PAPER BACKED MOLDED INSULATION (ASTM Ć547) ON COLD WATER AND 1" (PIPE SIZES LESS THÁN 11/2") OR 11/2" (PIPE SIZES GREATER THAN OR EQUAL TO 11/2") FIBERGLASS PAPER BACKED MOLDED INSULATION ON HÓT WATER. TAPE JOINTS IN INSULATION TO CREATE

- 11 UNDERGROUND WATER PIPING SHALL BE TYPE "K" COPPER OR SCHEDULE 40 PVC (ASTM D1785) (DO NOT INSTALL PVC UNDER SLAB), AS LOCAL CODES ALLOW.
- 12 ALL WATER LINES RUN IN EXTERIOR WALLS SHALL BE LOCATED BETWEEN INTERIOR GYPSUM AND INSULATION TO PREVENT FREEZING. INSULATE ALL WATER LINES IN EXTERIOR WALLS WITH 2" THICK INSULATION. EXTERIOR WALL BUILDING INSULATION SHALL COMPLETELY ENCOMPASS INSULATED PLUMBING PIPING WITHIN STUD CAVITY.
- 13 IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL WATER DISTRIBUTION PIPING IS ROUTED IN AREAS THAT ARE NOT SUBJECT TO FREEZING TEMPERATURES. IF PIPING IS SHOWN ROUTED IN SUCH AREAS AND NO PROVISION FOR FREEZE PROTECTION IS INDICATED, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER

VAPOR TIGHT BARRIER. INSULATION TO MEET ENERGY CODE REQUIREMENTS.

- 14 PROVIDE ACCESSIBLE STOPS IN PIPING CONNECTIONS TO ALL PLUMBING FIXTURES. ALL HAND LAVATORIES DESIGNED AS HANDICAPPED WITH EXPOSED PIPING SHALL BE PROVIDED WITH INSULATION KITS COVERING SINK
- DRAINS AND SINK SUPPLIES. 15 PLUMBING CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR ALL VOLTAGES, ELECTRICAL LOADS,
- ETC. OF ELECTRICALLY OPERATED EQUIPMENT PRIOR TO ORDERING. ALL WIRING BY ELECTRICAL CONTRACTOR. 16 PLUMBING CONTRACTOR SHALL FURNISH ACCESS PANELS TO BE INSTALLED BY GENERAL CONTRACTOR AS
- REQUIRED FOR PLUMBING INSTALLATIONS. 17 SLEEVES SHALL BE INSTALLED WHERE PIPING PASSES THROUGH STRUCTURE. ALL PENETRATIONS THROUGH FIRE RATED WALLS AND FLOOR SHALL BE SEALED WITH AN APPROVED U.L. LISTED FIREPROOFING TO MAINTAIN THE
- INTEGRITY OF THE WALL OR FLOOR RATING. 18 PROVIDE MANUFACTURED COMPATIBLE PIPE HANGERS, RODS AND INSERTS, OR CLAMPS FOR THE PROPER SUPPORT OF ALL PIPING. NO BAND IRON, TIE WIRE, METAL STRAPPING OR WIRE STRAPPING WILL BE PERMITTED. INSTALL
- LATERAL AND LONGITUDINAL SEISMIC BRACING IF REQUIRED. PIPE VIBRATION AND/OR PIPE SWAY WILL NOT BE 19 ALL PIPING SHALL BE LABELED. ALL HOLES THROUGH CONCRETE SHALL BE CORE DRILLED. SAW CUT ALL CONCRETE
- 20 DEMONSTRATE OPERATION AND MAINTENANCE OF PRODUCTS TO OWNER'S PERSONNEL ONE WEEK PRIOR TO DATE

AND ASPHALT BEFORE BREAKING AND REMOVING. FIELD LOCATE ALL EXISTING SERVICES PRIOR TO STARTING ANY

- OF FINAL INSPECTION. EXECUTE FINAL CLEANING PRIOR TO FINAL PROJECT ASSESSMENT. 21 PROVIDE SUPPORT AND EQUIPMENT REQUIRED TO CONTROL EXPANSION AND CONTRACTION OF PIPING. PROVIDE LOOPS, PIPE OFFSETS, SWING JOINTS AND EXPANSION JOINTS WHERE REQUIRED.
- 22 BEFORE COMMENCING WORK ON SANITARY SEWER, CHECK INVERTS AND ENSURE THAT THESE CAN BE PROPERLY
- CONNECTED WITH SLOPE FOR DRAINAGE AND COVER TO AVOID FREEZING. 23 ENSURE EXTERIOR WALL CHASES ARE INSULATED TO PREVENT FREEZING.



ABBREVIATIONS AFF ABOVE FINISHED FLOOR BFF BELOW FINISHED FLOOR BFP BACKFLOW PREVENTER CAST IRON PIPE COPPER PIPE CLEANOUT DCW DOMESTIC COLD WATER DHW DOMES DWR DOMESTIC WATER RETURN DWR DOMESTIC WATER RETURN

EWT ENTERING WATER TEMPERATURE

FCO FLOOR CLEANOUT

FPHB FROST PROOF HOSE BIB

GAL GALVANIZED STEEL PIPE

GCO GRADE CLEANOUT

HDPE HIGH DENSITY POLYETHYLENE PIPE

HB HOSE BIBB

L LENGTH M.H. MANHOLE
PVC POLYVINYL CHLORIDE PIPE
PS PROCESS SEWER
FM FORCED MAIN
RD ROOF DRAIN
SCO STACK CLEAN OUT SRD SECONDARY ROOF DRAIN
SAN SANITARY SEWER
SD PRIMARY STORM DRAIN
SSD SECONDARY STORM DRAIN W WIDTH
WCO WALL CLEANOUT

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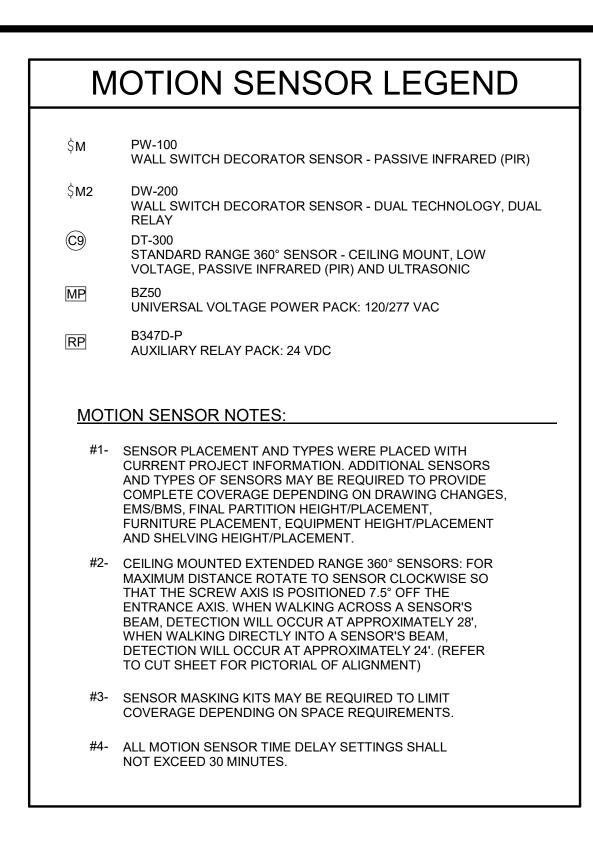


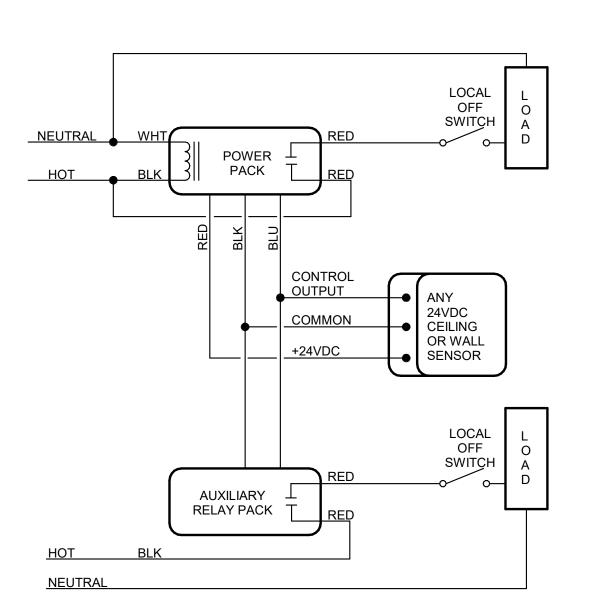
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RENOVATION
FOR
WAYNE COUNTY
Waynesboro, Tennessee

MAY. 30, 2024

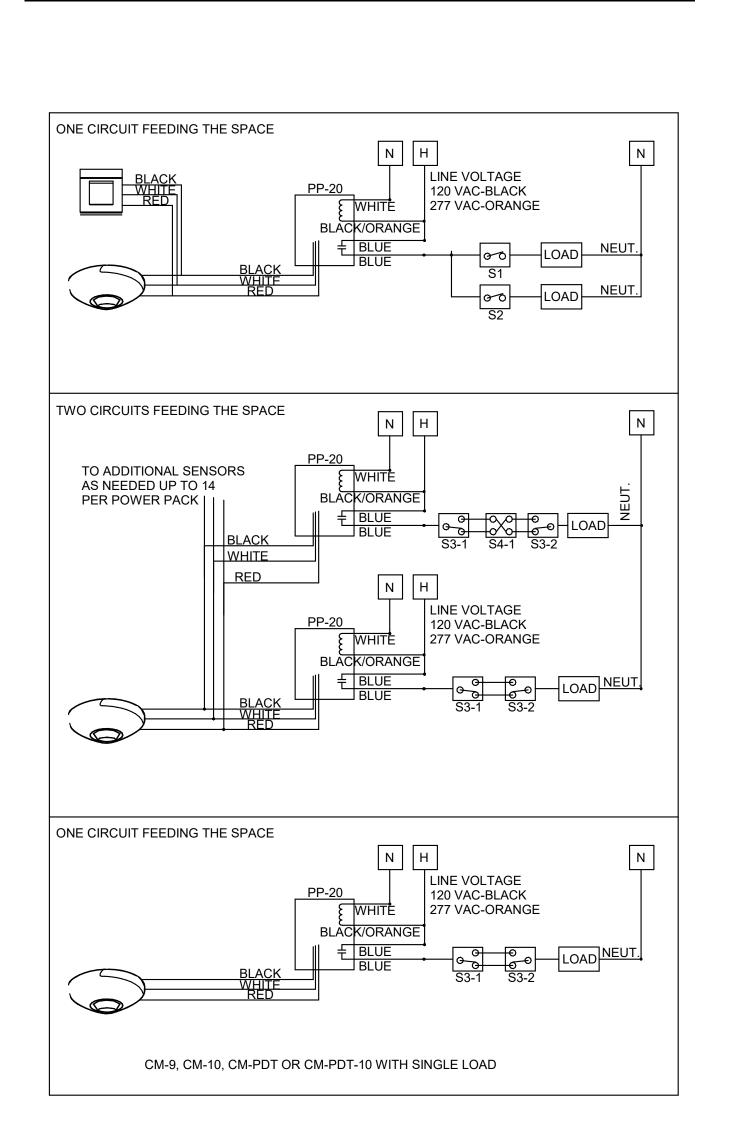
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TWO CIRCUIT OR TWO LOAD SENSOR CONTROL



MOTION SENSOR LIGHTING CONTROL WIRING DIAGRAMS

| | | | MOUNTIN | SE: 120/240 VOLT, 1Ø, 3W IG: RECESSED RE: NEMA 1 | | S RATING: INS TYPE: | | ١ | | | | | |
|----------------|--------------------------------|--|-----------------------------------|---|---|--|--|-----------|--|------------|------------------|--|--|
| | | | | | | | | | EXISTING | PAI | NELF | 30A | ۱RI |
| СКТ | TRIP | POLES | TYPE | FEED | , | A | ı | В | FEED | TYPE | POLES | TRIP | СКТ |
| 1 3 | 25 A | 2 | E | WATER HEATER | 1.0 | 3.9 | 1.0 | 3.9 | PMU-1 | E | 2 | 50 A | 2 |
| 5 | 20 A | 1 | E | TONY'S COMPUTER | 0.8 | 4.8 | 1.0 | | PMU-2 | N | 2 | 50 A | 6 |
| 7 9 | 20 A 20 A | 1 | E E | TELEPHONE SYSTEM SERVER ROOM LIGHTS & PHONE | 0.5 | 2.1 | 1.0 | 4.8 | | | | | 8 |
| 11 | 20 A | 1 | E | SPARE | 0.0 | | 0.0 | 2.1 | - PMU-3 | N | 2 | 25 A | 12 |
| 13 | 20 A | 1 | E | HALL/BATH LIGHTS | 0.5 | 0.5 | 0.5 | 0.5 | FRONT LOBBY LIGHTS | E | 1 | 20 A | 14 |
| 15 17 | 20 A 20 A | 1 | E E | T. GANT LIGHTS LOBBY COMPUTER WORKSTATION RECPT | 0.8 | 0.8 | 0.5 | 0.5 | M. PALMER & LOBBY LIGHTS KITCHEN N. WALL RECEPTACLE | E | 1 | 20 A 20 A | 16 18 |
| 19 | | - | | GENERATOR ATS NORMAL CIRCUIT | 0.0 | 0.0 | 3.4 | 0.0 | R. HEATHERLY OFFICE | E | 1 | 20 A | 20 |
| 21 | 70 A | 2 | E | | 6.0 | 1.0 | | | DWIGHT'S OFFICE RECEPTACLE | Е | 1 | 20 A | 22 |
| 23 25 | 20 A 20 A | 1 | E E | J. BECK & J. DAVIS LIGHTS/RECPT M. PALMER RECEPTACLE | 0.8 | 0.0 | 0.8 | 0.0 | SPARE SPARE | E | 1 1 | 20 A 20 A | 24 |
| 25 27 | 20 A | 1 | E | SPARE | 0.6 | 0.0 | 0.0 | 0.5 | L. SHELTON'S LIGHTS | E | 1 | 20 A | 26 28 |
| 29 | 20 A | 1 | Е | CONFERENCE ROOM LIGHTS | 0.5 | 0.8 | | | KITCHEN REFRIGERATOR | Е | 1 | 20 A | 30 |
| 31 | 20 A | 1 | E | SPARE | | | 0.0 | 0.5 | LIGHT TABLE RECEPTACLE | E | 1 | 20 A | 32 |
| 33 35 | 20 A 20 A | 1 | E E | NANCY'S LIGHTS M. STRICKLAND LIGHTS | 0.5 | 0.8 | 0.5 | 0.8 | M. STRICKLAND S. WALL RECEPTACLE | E | 1 1 | 20 A 20 A | 34 |
| 37 | 20 A 20 A | 1 | E | SPARE | 0.0 | 0.0 | 0.3 | 0.0 | M. STRICKLAND S. WALL RECEPTACLE | E | 1 | 20 A 20 A | 38 |
| 39 | 20 A | 1 | E | OUTSIDE RECEPTACLE | | | 0.2 | 0.8 | SERVER RECEPTACLE | E | 1 | 20 A | 40 |
| | | | | TOTAL KW / PHASE: | |) kW | | 2 kW | | | | | |
| | | | | TOTAL AMPS / PHASE: TOTAL KW: | 21 | 7 A 47 2 | 17 2 kW | 7 A | | | | | |
| | PHASE | TOTAL | _ | TOTAL AMPS: | | | 7 A | | | | | | |
| жт | TRIP | POLES | TYPE | FEED | | Α | | В | EXISTING | PAI | POLES | 3OA TRIP | CKT |
| | | | E | COMPUTER RECEPTACLE | | | ' | | FEED | | POLES | IRIP | |
| 1 3 | 20 A 20 A | 1 | E | RECEPTACLE/LIGHTS FAR WALL | 1.0 | 2.1 | 1.0 | 2.1 | PMU-4 | E | 2 | 30 A | 4 |
| 5 | 20 A | 1 | E | DATA ROOM | 1.0 | 1.0 | | | RECEPTACLES THIS WALL | Е | 1 | 20 A | 6 |
| 7 | 15 A | 2 | Е | SPARE | 0.0 | 0.5 | 0.0 | 0.1 | SMOKE DETECTOR | E | 1 1 | 15 A | 8 |
| 9 11 | 20 A | 1 | N | MINI-SPLIT HVAC | 0.0 | 0.5 | 1.2 | | DATA ROOM RECEPTACLE SPACE | E | 1 | 20 A | 10 |
| 13 | | 1 | | SPACE | | | | | | | , | 1 | 12 |
| 15 | | 1 | | | | | | | SPACE | | 1 | | 12 14 |
| 17 | | 1 1 | | SPACE | | | | | SPACE | | 1 | | |
| | | - | | SPACE | | | | | SPACE SPACE | | 1 1 1 | | 14 16 18 |
| 19 | | 1 | | SPACE SPACE | | | | | SPACE | | 1 1 1 1 | | 14 16 |
| 19 | | - | | SPACE | 5.6 | kW 6 A | 4.4 | | SPACE SPACE | | 1 1 1 | | 14 16 18 |
| 19 | | 1 | | SPACE SPACE TOTAL KW / PHASE: TOTAL AMPS / PHASE: TOTAL KW: | 5.6 | kW 6 A 9.9 | 4.4 36 kW | kW | SPACE SPACE | | 1 1 1 1 | | 14 16 18 |
| | PHASE | 1 TOTAL | | SPACE SPACE TOTAL KW / PHASE: TOTAL AMPS / PHASE: TOTAL KW: TOTAL AMPS: | 5.6 | kW 6 A 9.9 | 4.4 36 | kW | SPACE SPACE | | 1 1 1 | | 14 16 18 |
| 19 | PHASE | TOTAL ICH P VOLTAGE | AND PHAS | SPACE SPACE TOTAL KW / PHASE: TOTAL AMPS / PHASE: TOTAL KW: | 5.6 46 MAINS | kW 6 A 9.9 | 4.4 36 kW 1 A | kW S A | SPACE SPACE SPACE | PAI | 1 1 1 1 | | 14 16 18 20 |
| | PHASE | TOTAL ICH P VOLTAGE | AND PHAS MOUNTIN ENCLOSUR | SPACE SPACE TOTAL KW / PHASE: TOTAL AMPS / PHASE: TOTAL KW: TOTAL AMPS: L: ATS SE: 120/240 VOLT, 1ø, 3W NG: SURFACE RE: NEMA 1 | 5.6 46 MAINS MAI | S RATING: | 4.4 36 kW I A 70 A MLO & SN | kW SA | SPACE SPACE SPACE | | | 30A | 14 16 18 20 |
| | PHASE | TOTAL ICH P VOLTAGE | AND PHAS | SPACE SPACE TOTAL KW / PHASE: TOTAL AMPS / PHASE: TOTAL KW: TOTAL AMPS: L: ATS SE: 120/240 VOLT, 1ø, 3W NG: SURFACE | 5.6 46 MAINS MAI | 9.9 4.2 5 RATING: | 4.4 36 kW I A 70 A MLO & SN | kW S A | SPACE SPACE SPACE | PAI | NELE POLES | | 14 16 18 20 |
| | PHASE BRAN | TOTAL ICH P VOLTAGE POLES | AND PHAS MOUNTINENCLOSUE | SPACE SPACE TOTAL KW / PHASE: TOTAL AMPS / PHASE: TOTAL KW: TOTAL AMPS: L: ATS SE: 120/240 VOLT, 1ø, 3W NG: SURFACE RE: NEMA 1 FEED | 5.6 46 MAINS MAI | S RATING: | 4.4 36 kW I A 70 A MLO & SN | kW SA | SPACE SPACE SPACE SPACE | TYPE | POLES | TRIP | 14 16 18 20 |
| EKT | PHASE | TOTAL ICH P VOLTAGE | AND PHAS MOUNTIN ENCLOSUR | SPACE SPACE TOTAL KW / PHASE: TOTAL AMPS / PHASE: TOTAL KW: TOTAL AMPS: L: ATS SE: 120/240 VOLT, 1ø, 3W NG: SURFACE RE: NEMA 1 | 5.6 46 MAINS MAI | S RATING: | 4.4 36 kW I A 70 A MLO & SN | kW SA | SPACE SPACE SPACE | | | 30A | 14 16 18 20 |
| EKT 1 3 5 | TRIP 30 A 20 A | TOTAL TOTAL ICH P VOLTAGE POLES 2 1 | AND PHAS MOUNTINENCLOSUE | SPACE SPACE TOTAL KW / PHASE: TOTAL AMPS / PHASE: TOTAL KW: TOTAL AMPS: L: ATS SE: 120/240 VOLT, 1ø, 3W IG: SURFACE RE: NEMA 1 FEED ODU-1 / IDU-1 DEHUMIDIFIER | 5.6 46 MAINS MAI | S RATING: | 4.4 36 kW I A 70 A MLO & SN | KW SA | SPACE SPACE SPACE SPACE EXISTING FEED ATS-A SPACE | TYPE | POLES | TRIP 60 A | 14 16 18 20 CK1 2 4 6 |
| СКТ | TRIP 30 A 20 A 20 A | TOTAL TOTAL ICH P VOLTAGE POLES 2 1 1 1 | AND PHAS MOUNTINENCLOSUE | SPACE SPACE TOTAL KW / PHASE: TOTAL AMPS / PHASE: TOTAL AMPS: TOTAL AMPS: L: ATS SE: 120/240 VOLT, 1ø, 3W NG: SURFACE RE: NEMA 1 FEED ODU-1 / IDU-1 DEHUMIDIFIER SPACE DATA ROOM RECEPTACLE TOTAL KW / PHASE: TOTAL AMPS / PHASE: | 5.6 46 MAINS MAI 1.3 0.5 0.5 | 8 RATING: INS TYPE: 0.8 | 70 A MLO & SN | KW SA | SPACE SPACE SPACE SPACE FEED ATS-A | TYPE | POLES | TRIP 60 A | 14 16 18 20 CK1 2 4 6 8 |
| CKT 1 3 5 7 | TRIP 30 A 20 A 20 A | TOTAL TOTAL ICH P VOLTAGE POLES 2 1 1 | AND PHAS MOUNTINENCLOSUR TYPE E | SPACE SPACE TOTAL KW / PHASE: TOTAL AMPS / PHASE: TOTAL AMPS: TOTAL AMPS: L: ATS SE: 120/240 VOLT, 1ø, 3W NG: SURFACE RE: NEMA 1 FEED ODU-1 / IDU-1 DEHUMIDIFIER SPACE DATA ROOM RECEPTACLE TOTAL KW / PHASE: | 5.6 46 MAINS MAI 1.3 0.5 0.5 | 8 RATING: INS TYPE: 0.8 0.8 0.8 13. | 70 A MLO & SN | | SPACE SPACE SPACE SPACE SPACE SPACE SPACE FEED ATS-A SPACE SPACE | TYPE N | POLES | 50 A | 14 16 18 20 CK1 2 4 6 8 |
| CKT 1 3 5 7 9 | TRIP 30 A 20 A PHASE PHASE | TOTAL TOTAL POLES 2 1 1 TOTAL TOTAL CH P | AND PHASE MOUNTING ENCLOSURE E | SPACE SPACE TOTAL KW / PHASE: TOTAL AMPS / PHASE: TOTAL AMPS: TOTAL AMPS: L: ATS SE: 120/240 VOLT, 1ø, 3W IG: SURFACE RE: NEMA 1 FEED ODU-1 / IDU-1 DEHUMIDIFIER SPACE DATA ROOM RECEPTACLE TOTAL KW / PHASE: TOTAL AMPS / PHASE: TOTAL KW: TOTAL AMPS: L: ATS-A SE: 120/240 VOLT, 1ø, 3W IG: Recessed | 5.6 46 MAINS MAI 1.3 0.5 0.5 7.9 66 | 8 RATING: INS TYPE: 0.8 0.8 0.8 13. | 70 A MLO & SN 1.3 | | SPACE SPACE SPACE SPACE SPACE SPACE SPACE FEED ATS-A SPACE SPACE | TYPE N | POLES | 50 A | 14 16 18 20 CKT 2 4 6 8 |
| CKT 1 3 5 7 9 | TRIP 30 A 20 A PHASE PHASE | TOTAL TOTAL POLES 2 1 1 TOTAL TOTAL CH P | AND PHASE MOUNTING ENCLOSURE E | SPACE SPACE TOTAL KW / PHASE: TOTAL AMPS / PHASE: TOTAL AMPS: TOTAL AMPS: L: ATS SE: 120/240 VOLT, 1ø, 3W IG: SURFACE RE: NEMA 1 FEED ODU-1 / IDU-1 DEHUMIDIFIER SPACE DATA ROOM RECEPTACLE TOTAL KW / PHASE: TOTAL AMPS / PHASE: TOTAL KW: TOTAL AMPS: L: ATS-A SE: 120/240 VOLT, 1ø, 3W IG: Recessed | 5.6 46 MAINS MAI 1.3 0.5 0.5 7.9 66 | 8 RATING: 1 NS TYPE: 1 NS TYPE: 1 NS TYPE: 2 NS TYPE: 3 A 13.7 5 RATING: | 70 A MLO & SN 1.3 | | SPACE SPACE SPACE SPACE SPACE SPACE SPACE FEED ATS-A SPACE SPACE | TYPE N E | POLES 2 1 1 1 | 60 A 20 A | 14 16 18 20 CKT 2 4 6 8 10 |

| | | | | | | | | | NEVV | PAI | NEL | 30A | 'KD |
|-----|-------|-------|------|-----------------------|-----|-----|-----|-----|----------------------------|------|-------|------|-----|
| СКТ | TRIP | POLES | TYPE | FEED | | A | ı | 3 | FEED | TYPE | POLES | TRIP | СКТ |
| 1 | 20 A | 1 | | MED COOLER RECEPTACLE | 0.8 | 0.8 | | | MED COOLER RECEPTACLE | | 1 | 20 A | 2 |
| 3 | 20 A | 1 | | SPARE REFRIGERATOR | | | 0.8 | 0.8 | MED COOLER RECEPTACLE | | 1 | 20 A | 4 |
| 5 | 20 A | 1 | | MED COOLER RECEPTACLE | 0.8 | 0.8 | | | MED COOLER RECEPTACLE | | 1 | 20 A | 6 |
| 7 | 20 A | 1 | GFCI | PHARMACY RECEPTACLE | | | 0.5 | 1.8 | NURSE DESK/EXAM RECEPTACLE | | 1 | 20 A | 8 |
| 9 | 20 A | 1 | | LAB RECEPTACLE | 1.1 | 0.5 | | | FRONT DESK RECEPTACLE | | 1 | 20 A | 10 |
| 11 | 20 A | 1 | | SPARE | | | 0.0 | 0.0 | SPARE | | 1 | 20 A | 12 |
| | | | | TOTAL KW / PHASE: | 4.8 | kW | 3.9 | kW | | | | | |
| | | | | TOTAL AMPS / PHASE: | 40 |) A | 33 | 3 A | | | | | |
| | DUACE | TOTAL | | TOTAL KW: | | 8.8 | kW | | | | | | |
| | PHASE | IUIAL | | TOTAL AMPS: | | 37 | 7 A | | | | | | |

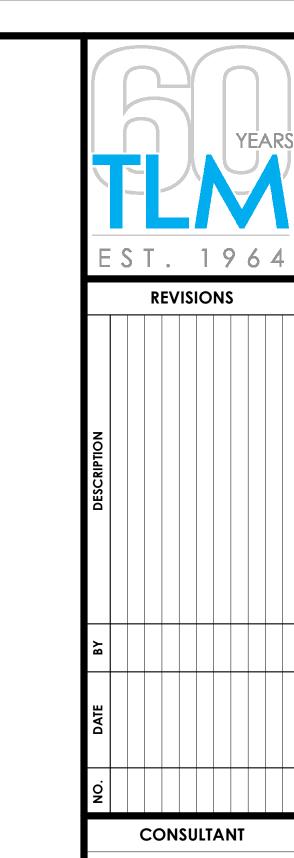
NOTEO

- ALL PANEL BOARDS TO BE "SQUARE D" OR AN APPROVED EQUAL.
- 2. ALL PANELBOARDS TO HAVE PLATED ELECTRIC GRADE ALUMINUM BUSES, GROUND BUSES, COVER MOUNTED PLASTIC ENGRAVED NAMEPLATES AND 'NEMA-1' ENCLOSURES. NAMEPLATES TO BE FASTENED TO COVER W/
- 3. 120/208 VOLT BRANCH CIRCUIT BREAKERS TO HAVE A MINIMUM OF 10,000 AMPERES 'RMS' SYMMETRICAL INTERRUPTING CAPACITY.
- 4. BOTH SECTIONS OF ALL TWO SECTION PANELBOARDS TO BE THE SAME
- 5. PROVIDE HANDLE LOCK DEVICES FOR BRANCH CIRCUIT BREAKERS WHERE
- 6. PROVIDE ARC FLASH LABEL SHOWING REQUIRED "PERSONAL PROTECTION
- 7. PROVIDE GROUND FAULT CIRCUIT INTERRUPTER (GFCI), ARC FAULT CIRCUIT INTERRUPTER (AFCI) AND SHUNT TYPE BREAKERS WHERE NOTED
- 8. PANELBOARD SCHEDULES BREAKER TYPES ARE AS FOLLOWS:
 GFCI: GROUND FAULT CIRCUIT INTERRUPTER TYPE
 E: EXISTING BRANCH CIRCUIT BREAKER TO REMAIN
- 9. ALL BRANCH CIRCUIT BREAKERS SHOWN ARE EXISTING AND TO BE REUSED. VERIFY EXISTING CONDITIONS AND PROVIDE NEW BREAKERS IF

PROVIDE NEW BRANCH CIRCUIT BREAKER TO MATCH EXISTING

| | SYMBOL SCHEDULE |
|------------------|---|
| SYMBOL | DESCRIPTION |
| / / | MOTOR CONNECTION (NUMBER IN CENTER INDICATES HORSEPOWER) |
| + | DUPLEX 20A 125V RECEPTACLE. INSTALL @ 1'-6" A.F.F. IN FINISHED AREAS AND @ 4'-0" IN UNFINISHED AREAS. |
| ** | DUPLEX 20A 125V RECEPTACLE. INSTALL @ 44" A.F.F. FOR ABOVE COUNTER USE. |
| # | QUAD (2-DUPLEXES UNDER 1 COVER) 20A 125V RECEPTACLE. INSTALL @ 1'-6" A.F.F. IN FINISHED AREAS. |
| \triangleright | EMPTY 2" X 4" J-BOX W 3/4" CONDUIT STUBBED INTO CEILING SPACE OR BAR JOIST AREA. INSTALL @ 1'-6" A.F.F. |
| | TELEPHONE OUTLET W 3/4" CONDUIT STUBBED INTO CEILING SPACE. INSTALL @ 1'-6" A.F.F. |
| > | TELEPHONE/DATA OUTLET W 3/4" CONDUIT STUB INTO CEILING SPACE OR BAR JOIST AREA. INSTALL @ 1'-6" A.F.F. |
| \$ | SPST 20A 125 OR 277V WALL SWITCH. INSTALL @ 4'-0" A.F.F. |
| \$2 | DPST 20A 125 OR 277V WALL SWITCH. INSTALL @ 4'-0" A.F.F. |
| \$ 3 | 20A 125 OR 277V 3 WAY WALL SWITCH. INSTALL @ 4'-0" A.F.F. |
| \$4 | 20A 125 OR 277V 4WAY WALL SWITCH. INSTALL @ 4'-0" A.F.F. |
| \$ | ENCLOSED 30A 3PST 600 VOLT SWITCH W/ LOCKOUT DEVICE |
| □ | SAFETY DISCONNECT SWITCH. NF (NON-FUSED) |
| <u> </u> | THERMOSTAT. INSTALL @ 5'-0" A.F.F. INSTALL ABOVE WALL SWITCH WHERE POSSIBLE. |
| J) OR J | JUNCTION OR PULLBOX. SIZE AS REQUIRED. |
| R | CARD READER. |
| | 'L' PANEL. 120/208V. 3Ø, 4W LOW VOLTAGE LIGHTING AND POWER DISTRIBUTION PANEL. |
| | 'H' PANEL 277/480V. 3Ø, 4W LIGHTING AND POWER DISTRIBUTION PANEL. |
| MP | UNIVERSAL VOLTAGE POWER PACK FOR MOTION SENSORS. |
| <u> </u> | RACEWAY WITH CONDUCTORS RUN CONCEALED IN FLOOR SLAB, IN WALLS OR IN EARTH. |
| | RACEWAY WITH CONDUCTORS RUN EXPOSED. RUN PARALLEL AND AT RIGHT ANGLES TO BUILDING STRUCTURE. |
| | RACEWAY FOR TELEPHONE CABLES INSTALLED BY TELEPHONE COMPANY. |
| | BARE GROUND CONDUCTOR UNDERGROUND. SIZE AS NOTED ON PLANS. |
| | RACEWAY WITH CONDUCTORS RUN CONCEALED ABOVE CEILING, IN WALLS OR IN FURRED SPACES. |
| | INSULATED GREEN GROUND CONDUCTOR. SAME SIZE AS PHASE WIRE UNLESS NOTED. |
| <u> </u> | 3/4"Ø x 10'-0" GROUND ROD WITH #3/0 JUMPER |
| A.F.F. | ABOVE FINISHED FLOOR |
| A.F.G. | ABOVE FINISHED GRADE |
| W.P. | WEATHER PROOF |
| D.T. | DUST TIGHT |
| E.F. | EXHAUST FAN |
| F.L.A. | FULL LOAD AMPS |
| H.A.C. | HEATING AND AIR CONDITIONING UNIT |
| R.T.U. | ROOF TOP HEATING AND AIR CONDITIONING UNIT |
| C.R.U. | COMPUTER ROOM HEATING AND AIR CONDITIONING UNIT |
| S.F. | CONDENSING UNIT |
| F.A.C.P. | SUPPLY FAN FIRE ALARM CONTROL PANEL |
| U.H. | UNIT HEATER (GAS FIRED UNLESS NOTED) |
| E.U.H. | ELECTRIC UNIT HEATER |
| T.C. | TIME CLOCK |
| S.C. | SECURITY CAMERA |
| W.H. | WATER HEATER |
| G.F.I. | GROUND FAULT INTERRUPT |
| F.D. | FLUORESCENT DIMMER |
| E.W.C. | ELECTRIC WATER COOLER |
| F.C.P.S | FIRE ALARM SYSTEM HORN/STROBE POWER SUPPLY |
| P.T.Z. | PAN TILT ZOOM |
| R.F. | RADIO FREQUENCY ANTENNA |
| S.C. | SECURITY CAMERA |
| I.G. | INDEPENDENT GROUND |
| 1.0. | MEL ENDERT ONCORD |

NOTES: THIS IS A STANDARD SYMBOLS SCHEDULE. ALL SYMBOLS SHOWN ON THIS SCHEDULE MAY NOT APPEAR IN THIS SET OF DRAWINGS.



ACRICULTURE

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T LAFAYETTE STREET JACKSON, TENNESS

SCHEDULES, NOTES & DETAILS

COUNTY HEALTH DEPARTMENT

RENOVATION

FOR

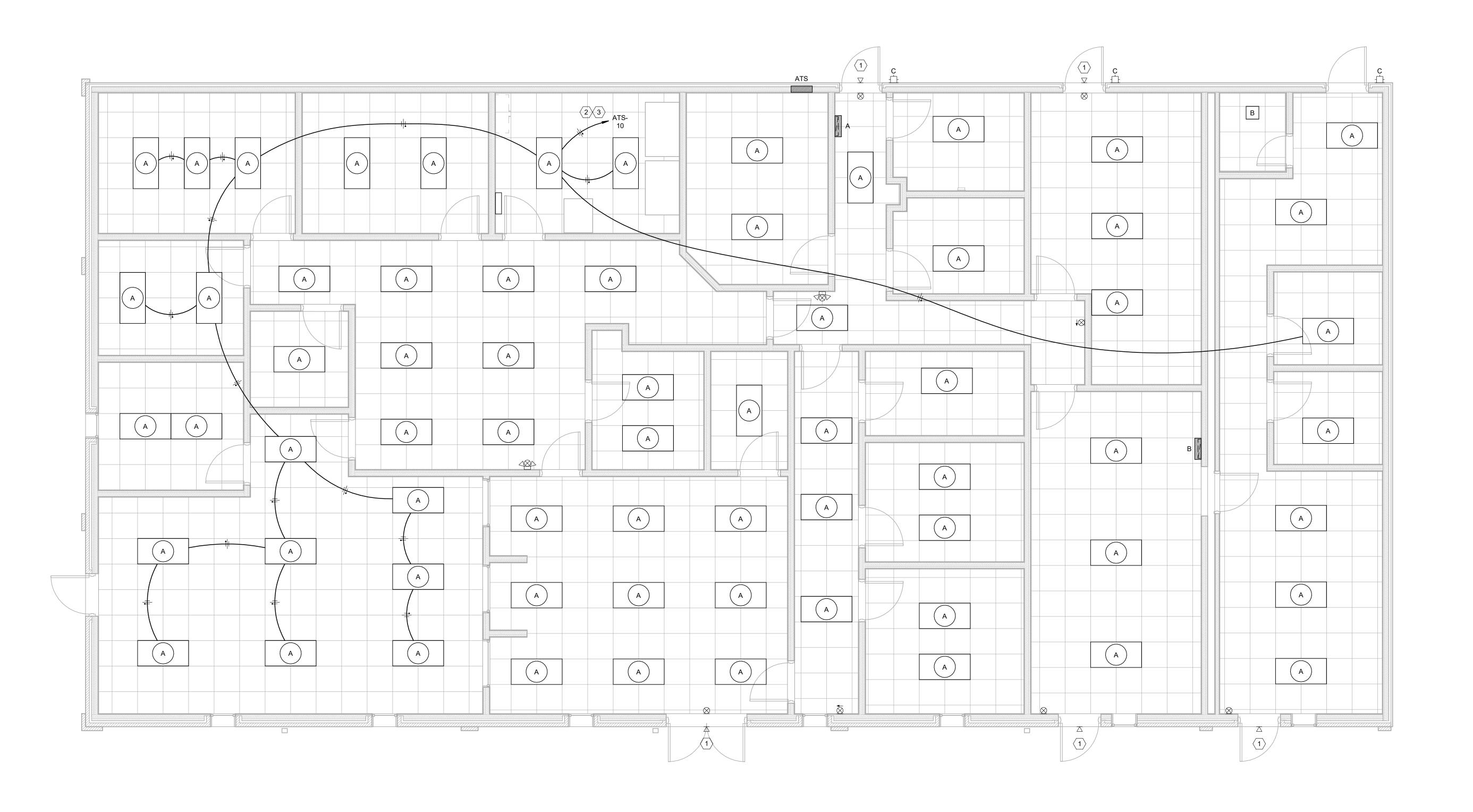
Wayne County

Waynesboro, Tennessee

MAY 30, 2024

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J-7076



LIGHTING PLAN 1/4" = 1'-0"

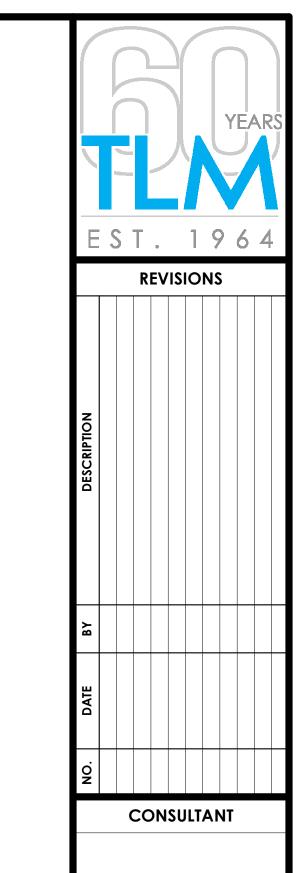
| LUMINAIRE SCHEDULE | | | | | |
|--------------------|-----------------------------------|---------|--------------------------------|------------------|--|
| TYPE | | | | | |
| MARK | LAMPS | VOLTAGE | MOUNTING | FINISH | SPECIFICATIONS |
| Α | 32W LED @ 4,100 LUMENS | 120V | RECESSED CEILING | | 2X4 LED RECESSED TROFFER FLAT PANEL FIXTURE WITH ELECTRONIC DRIVER. (DAYBRITE #2SBP3550L8CS-4-UNV-DIM OR EQUAL) |
| В | 12W LED @ 1,000 LUMENS | 120V | RECESSED CEILING | STANDARD | COMBINATION EXHAUST FAN W/ LED (BROAN #731LEDM OR EQUAL) |
| С | 65W LED PACKAGE @ 9,620 LUMENS | 120V | SURFACE WALL @ 8'-0" A.F.G. | DARK BRONZE | DARK BRONZE TRAPEZOID FULL CUTOFF WALL MOUNT FIXTURE. (TRULY GREEN #WPFS-S-L-C-U-D) |
| \otimes | LONG LIFE "LED" LAMPS | 120V | SURFACE WALL @ 7'-0" A.F.F. | WHITE W/ RED LED | EMERGENCY FIXTURE W/ WHITE HOUSING AND EMERGENCY BATTERY BACK UP SYSTEM. (CHLORIDE #VE) |
| 484 | LED PAR LAMPS | 120V | SURFACE WALL @ 7'-0" A.F.F. | | COMBINATION EXIT/EMERGENCY FIXTURE W/ RED LETTERS, WHITE HOUSING, LONG LIFE "LED" LAMPS, 1.2WATT LEDS AND EMERGENCY BATTERY BACK UP SYSTEM. PROVIDE EXTERIOR REMOTE EGRESS HEAD WHERE SHOWN. (CHOLRIDE #VLLCG2R) |
| ∇ | LED PAR LAMPS | 120V | SURFACE WALL @ 8'-0" A.F.F. | WHITE | EXTERIOR EMERGENCY REMOTE HEAD FIXTURE. (CHLORIDE #VLL1R) |

LIGHTING NOTES:

- #1- ELECTRICAL CONTRACTOR TO PROVIDE ALTERNATE PRICE FOR LIGHT FIXTURE CHANGE WORK SHOWN THIS SHEET.
- #2- ALL FIXTURES SHOWN THIS SHEET ARE TO BE CHANGED OUT FOR THE EXISTING FIXTURES ONE-FOR-ONE IN THE SAME LOCATIONS UNLESS NOTED OTHERWISE.
- #3- CONNECT ALL EMERGENCY EXIT SIGNS AHEAD OF AREA LIGHTING CONTROLS.

TES BY SYMBOL:

- PROVIDE NEW EXTERIOR EGRESS LIGHT FIXTURES AS SHOWN AND SCHEDULED.
- DISCONNECT FIXTURES FROM EXISTING LIGHTING BRANCH CIRCUITS AND PROVIDE NEW LIGHTING BRANCH CIRCUIT AS SHOWN. CONNECT NEW LIGHTING BRANCH CIRCUIT TO EXISTING GENERATOR PANELBOARD.
- PHARMACY LIGHT FIXTURES TO BE INCLUDED IN BASE BID.





CTS + ENGINEERS

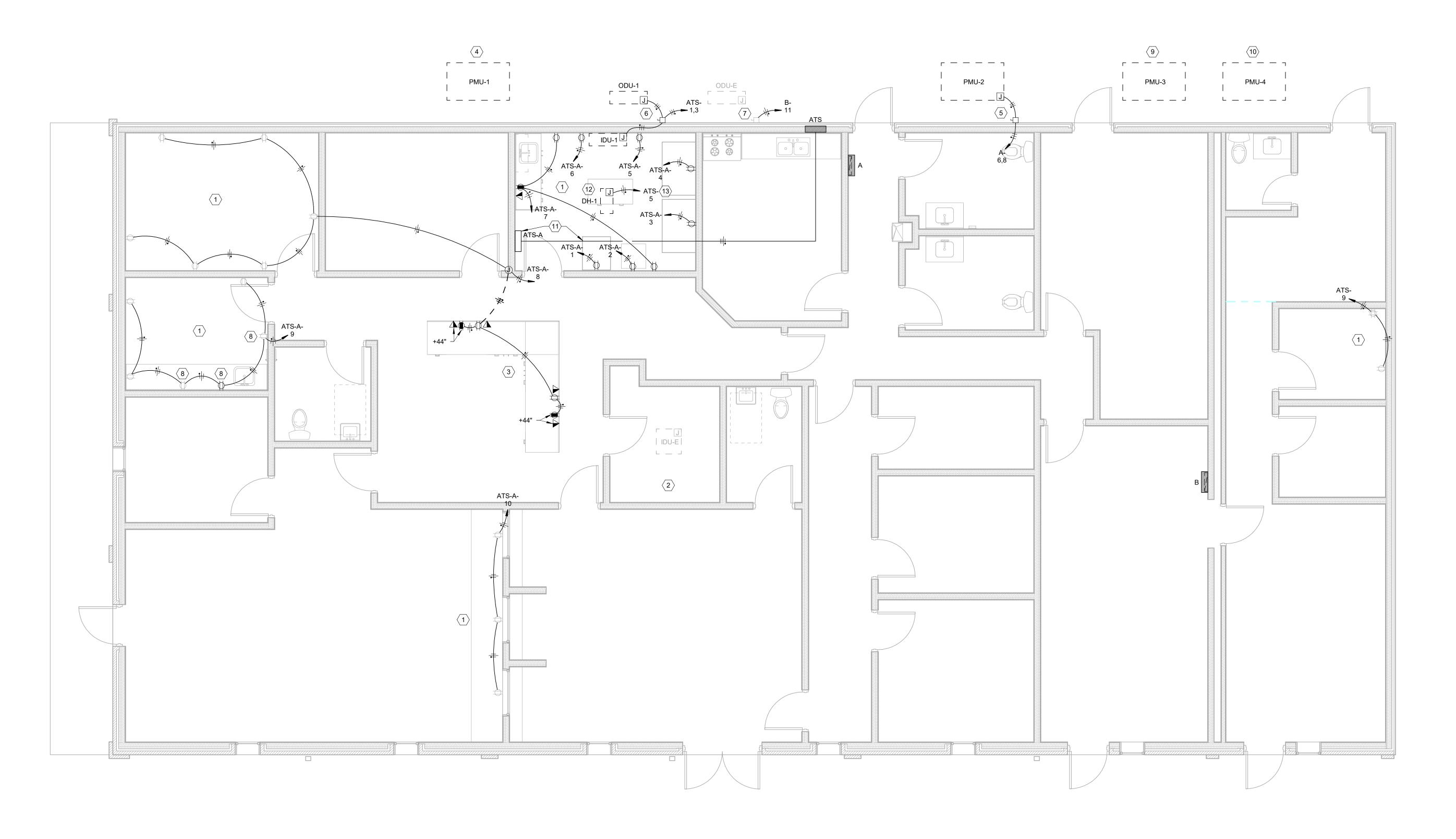
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COUNTY HEALTH DEPARTMENT
RENOVATION
FOR
Waynesboro, Tennessee

MAY 30, 2024

E2-1

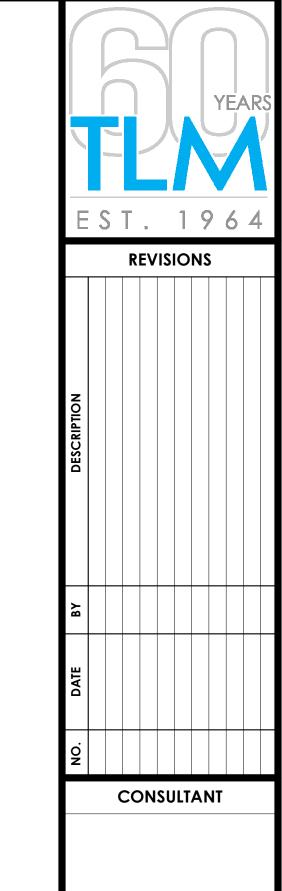
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POWER PLAN 1/4" = 1'-0"

- #1- SEE SHEET E0-0 FOR SYMBOL SCHEDULE AND GENERAL POWER NOTES.
- #2- VERIFY EXACT LOCATION AND POINTS OF CONNECTION TO ALL MECHANICAL EQUIPMENT BEFORE CONDUIT ROUGH-IN.
- #3- ALL EXTERIOR RECEPTACLES TO BE WEATHER RESISTANT (WR) GFCI TYPE IN HEAVY DUTY IN-USE WEATHERPROOF COVER.
- #4- HALF-TONE RECEPTACLES, EQUIPMENT AND BRANCH CIRCUITS TO REMAIN AND/OR BE RECONNECTED. VERIFY EXISTING CONDITIONS.
- #5- NO RECEPTACLES SHOWN THIS SHEET SHALL BE CONTROLLED BY A
- WALL SWITCH. VERIFY EXISTING CONDITIONS AND REMOVE ANY SWITCHES AS REQUIRED.

- DISCONNECT RECEPTACLES IN THIS ROOM FROM EXISTING BRANCH CIRCUITS. RECONNECT RECEPTACLES TO EMERGENCY GENERATOR BRANCH CIRCUIT AS SHOWN.
- (2) DISCONNECT RECEPTACLES IN THIS ROOM FROM THE EMERGENCY GENERATOR BRANCH CIRCUIT. RECONNECT RECEPTACLES IN THIS ROOM TO RECEPTACLE BRANCH CIRCUIT FROM OLD EXAM ROOM TO PANELBOARD 'A'.
- (3) DISCONNECT EXISTING NURSE DESK RECEPTACLES FROM BRANCH CIRCUIT AND CONNECT TO EMERGENCY GENERATOR BRANCH CIRCUIT. ROUTE BRANCH CIRCUIT IN KNEE WALL OR MILLWORK OF NURSE DESK TO NEAREST FULL HEIGHT WALL AND OVERHEAD IN EXISTING CONDUIT. PROVIDE EMPTY CONDUIT AND SINGLE GANG JUNCTION BOXES IN KNEE WALL FOR OWNER FURNISHED DATA CONDUCTORS. RACEWAY TO EXTEND FROM KNEE WALL TO ABOVE ACCESSIBLE CEILING.
- 4 DISCONNECT EXISTING PACKAGED HVAC AND RECONNECT NEW PACKAGED HVAC UNIT. REUSE EXISTING DISCONNECT AND BRANCH CIRCUIT CONDUCTORS. PROVIDE NEW 208V 45A 3P BRANCH CIRCUIT BREAKER. VERIFY EXISTING CONDITIONS MATCH THE NAMPLATE RATING OF NEW UNIT.
- 5 DISCONNECT EXISTING PACKAGED HVAC UNIT. REMOVE EXISTING DISCONNECT, BRANCH CIRCUIT CONDUCTORS AND BRANCH BREAKER. PROVIDE NEW 250V 60A 2P NF NEMA-3R DISCONNECT WITH 2 #8 AWG & 1 #10 GRD IN 3/4"C. PROVIDE NEW 50A 2P BREAKER IN EXISTING PANEL 'A'.
- PROVIDE NEW 250V 30A 2P NF NEMA-3R DISCONNECT WITH 2 #12 AWG & 1 #12 GRD IN 3/4"C. USE EXISTING 30A 2P BREAKER IN EXISTING PANEL 'ATS'.
- DISCONNECT EXISTING MINI-SPLIT UNIT. REUSE EXISTING DISCONNECT. REMOVED BRANCH CIRCUIT CONDUCTORS AND BRANCH BREAKER. PROVIDE 2 #10 AWG & 1 #10 GRD IN 3/4"C. PROVIDE NEW 15A 1P BREAKER IN EXISTING PANEL 'B'.
- 8 REPLACE EXISTING DUPLEX RECETPACLES WITHIN 6'-0" OF LAB SINK WITH 20A GROUND FAULT CIRCUIT INTERRUPTER (GFCI) RECEPTACLES.
- DISCONNECT EXISTING PACKAGED HVAC AND RECONNECT NEW PACKAGED HVAC UNIT. REUSE EXISTING DISCONNECT, BRANCH CIRCUIT CONDUCTORS AND BRANCH CIRCUIT BREAKER. VERIFY EXISTING CONDITIONS MATCH THE NAMPLATE RATING OF NEW UNIT.
- DISCONNECT EXISTING PACKAGED HVAC AND RECONNECT NEW PACKAGED HVAC UNIT. REUSE EXISTING DISCONNECT AND BRANCH CIRCUIT CONDUCTORS. PROVIDE NEW 208V 25A 3P BRANCH CIRCUIT BREAKER. VERIFY EXISTING CONDITIONS MATCH THE NAMPLATE RATING OF NEW UNIT.
- PROVIDE A NEW 120/240V 60A 12-POLE LOAD CENTER 'ATS-A' IN NEW PHARMACY ROOM. PROVIDE A NEW 240V 60A 2P BREAKER IN EXISTING PANEL 'ATS'. FEEDER FROM ATS TO ATS-A TO BE 3 #6 AWG & 1 #8 GRD IN
- PROVIDE HARDWIRED CONNECTION TO DEHUMIDIFIER MOUNTED ABOVE ACCESIBLE CEILING SPACE.
- $\langle 13 \rangle$ CONNECT TO A SPARE 20A/1P BREAKER IN EXISTING PANEL 'ATS'.





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MAY 30, 2024

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