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# CHESTER COUNTY HEALTH DEPARTMENT

# INTERIOR RENOVATION / CANOPY CHESTER COUNTY

Henderson, Tennessee

#### **Site Address**

CHESTER COUNTY HEALTH DEPARTMENT 301 QUINCO DR. HENDERSON, TENNESSEE 38340

#### **Drawing Sheet List** TLM Associates, Inc. TLM Associates, Inc. TLM Associates, Inc. **JM2 Associates JM2 Associates JM2 Associates ELECTRICAL GENERAL / CIVIL ARCHITECTURAL STRUCTURAL MECHANICAL** PLUMBING / FIRE PROTECTION SHT# REV REV DATE SHT# REV REV DATE SHT# | REV | REV DATE SHEET TITLE SHEET TITLE SHT# | REV | REV DATE SHT# | REV | REV DATE SHT# | REV | REV DATE HVAC SCHEDULES AND NOTES | P1.1 ELECTRICAL DEMOLITION PLAN COVER SHEET PLUMBING PLAN E0.1 NOT IN SCOPE OF WORK FOR THIS PROJECT FLOOR PLAN - EXISTING FOR REFERENCE ONLY HVAC E2.1 LIGHTING PLAN M1.1 FLOOR PLAN - PROPOSED PRELIMINARY SITE PLAN C1.0 POWER PLAN A2.1 FINISH FLOOR PLAN **ACCESSIBILITY STANDARDS** A2.2 EXTERIOR SIGNAGE CANOPY DETAILS A4.2 MILLWORK ELEVATIONS & ENLARGED PLANS MILLWORK ELEVATIONS & ENLARGED PLANS A7.2 OVER SHEET A7.3 MILLWORK SECTIONS

#### 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 & Facilities, 2009 Edition 2010 ADA Standards for Accessible Design

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: 33'-0"

OCCUPANT LOAD (IBC CH 10):

TOTAL OCCUPANT LOAD: 37 PERSONS = 3,740 SFBUILDING AREA (NET)

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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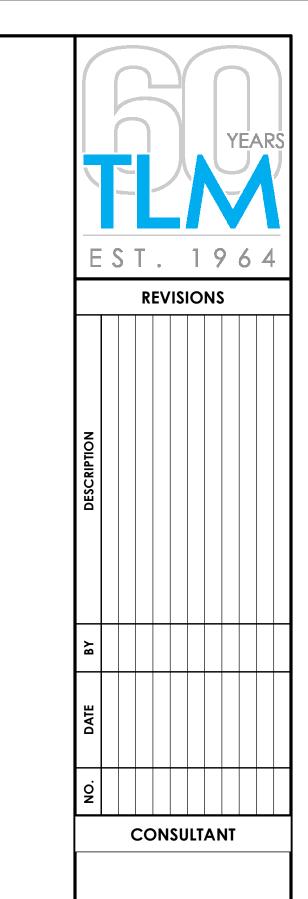
TLM ASSOCIATES, INC.
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CHESTER COUNTY
Henderson, Tennessee

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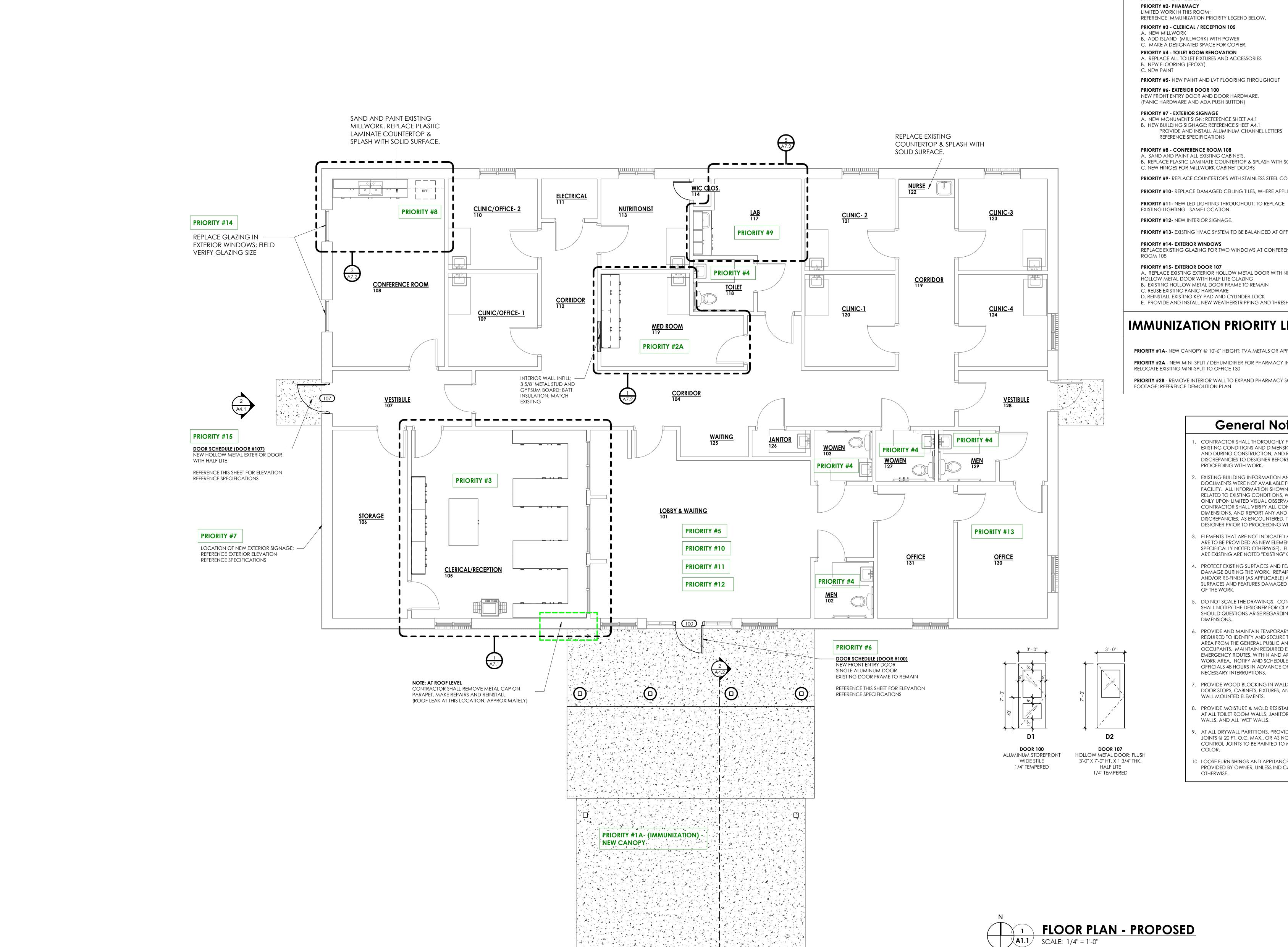


PLAN - EXISTING FLOOR

CHESTER COUNTY HEALTH DEPARTMENT
INTERIOR RENOVATION / CANOPY
FOR
CHESTER COUNTY
Henderson, Tennessee

JUNE 25, 2024 J-7108

**A1.0** 



#### PRIORITY LEGEND

PRIORITY #1- NEW CANOPY. REFERENCE IMMUNIZATION PRIORITY LEGEND BELOW. RESTRIPE PARKING WHERE NEEDED. PRIORITY #2- PHARMACY

LIMITED WORK IN THIS ROOM; REFERENCE IMMUNIZATION PRIORITY LEGEND BELOW.

PRIORITY #3 - CLERICAL / RECEPTION 105 A. NEW MILLWORK B. ADD ISLAND (MILLWORK) WITH POWER C. MAKE A DESIGNATED SPACE FOR COPIER. PRIORITY #4 - TOILET ROOM RENOVATION A. REPLACE ALL TOILET FIXTURES AND ACCESSORIES

PRIORITY #5- NEW PAINT AND LVT FLOORING THROUGHOUT

PRIORITY #6- EXTERIOR DOOR 100 NEW FRONT ENTRY DOOR AND DOOR HARDWARE.

PRIORITY #7 - EXTERIOR SIGNAGE A. NEW MONUMENT SIGN; REFERENCE SHEET A4.1 B. NEW BUILDING SIGNAGE; REFERENCE SHEET A4.1 PROVIDE AND INSTALL ALUMINUM CHANNEL LETTERS REFERENCE SPECIFICATIONS

PRIORITY #8 - CONFERENCE ROOM 108 A. SAND AND PAINT ALL EXISTING CABINETS.

B. REPLACE PLASTIC LAMINATE COUNTERTOP & SPLASH WITH SOLID SURFACE. C. NEW HINGES FOR MILLWORK CABINET DOORS

**PRIORITY #9-** REPLACE COUNTERTOPS WITH STAINLESS STEEL COUNTERTOPS IN LAB.

PRIORITY #10- REPLACE DAMAGED CEILING TILES, WHERE APPLICABLE

PRIORITY #12- NEW INTERIOR SIGNAGE.

**PRIORITY #13-** EXISTING HVAC SYSTEM TO BE BALANCED AT OFFICES.

PRIORITY #14- EXTERIOR WINDOWS REPLACE EXISTING GLAZING FOR TWO WINDOWS AT CONFERENCE

PRIORITY #15- EXTERIOR DOOR 107 A. REPLACE EXISTING EXTERIOR HOLLOW METAL DOOR WITH NEW HOLLOW METAL DOOR WITH HALF LITE GLAZING

B. EXISTING HOLLOW METAL DOOR FRAME TO REMAIN C. REUSE EXISTING PANIC HARDWARE D. REINSTALL EXISTING KEY PAD AND CYLINDER LOCK E. PROVIDE AND INSTALL NEW WEATHERSTRIPPING AND THRESHOLD

#### IMMUNIZATION PRIORITY LEGEND

PRIORITY #1A- NEW CANOPY @ 10'-6" HEIGHT; TVA METALS OR APPROVED EQUAL PRIORITY #2A - NEW MINI-SPLIT / DEHUMIDIFIER FOR PHARMACY IN CEILING; RELOCATE EXISTING MINI-SPLIT TO OFFICE 130

PRIORITY #2B - REMOVE INTERIOR WALL TO EXPAND PHARMACY SQUARE FOOTAGE; REFERENCE DEMOLITION PLAN

#### **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.
- 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.
- 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.
- PROVIDE WOOD BLOCKING IN WALLS FOR ALL DOOR STOPS, CABINETS, FIXTURES, AND OTHER WALL MOUNTED ELEMENTS.
- 8. PROVIDE MOISTURE & MOLD RESISTANT GYP. BD. AT ALL TOILET ROOM WALLS, JANITOR CLOSET WALLS, AND ALL 'WET' WALLS.
- 9. AT ALL DRYWALL PARTITIONS, PROVIDE CONTROL JOINTS @ 20 FT. O.C. MAX., OR AS NOTED. CONTROL JOINTS TO BE PAINTED TO MATCH WALL
- 0. LOOSE FURNISHINGS AND APPLIANCES ARE PROVIDED BY OWNER, UNLESS INDICATED OTHERWISE.

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CHESTER COUNTY INTERIOR RENC

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**JUNE 25, 2024** 

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**A1.1** 





	PAINT L	EGEND
PT-1	MAIN WALL PAINT	Sherwin Williams 7551 Greek Villa
PT-2	DOOR FRAME/TRIM PAINT	Sherwin Williams 9173 Shiitake
PT-3	CABINET PAINT	Sherwin Williams 7030 anew Gra

\*\*NOTE: RUBBER BASE TO BE 4" COVE JOHNSONITE IN COLOR CASTAWAY CB.



TRANSITION	LEGEND

S-1 LVT TO EPOXY

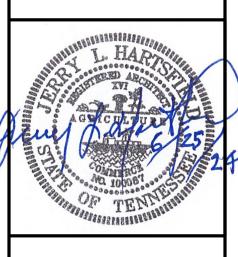
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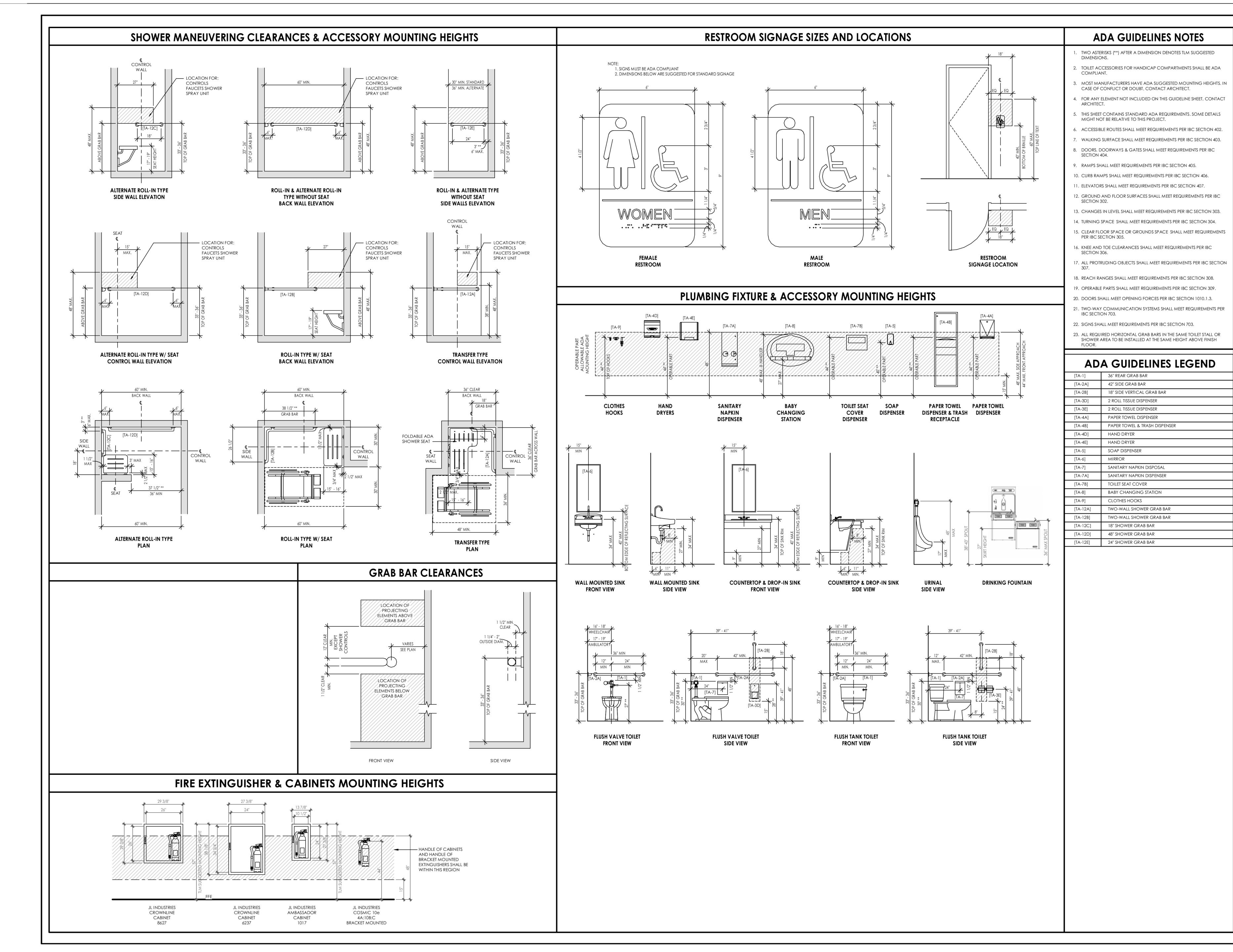
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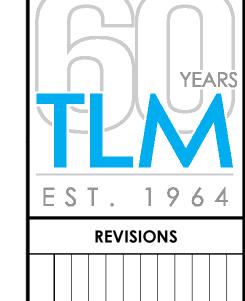
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CHESTER COUNTY
Henderson, Tennessee

JUNE 25, 2024 J-7108

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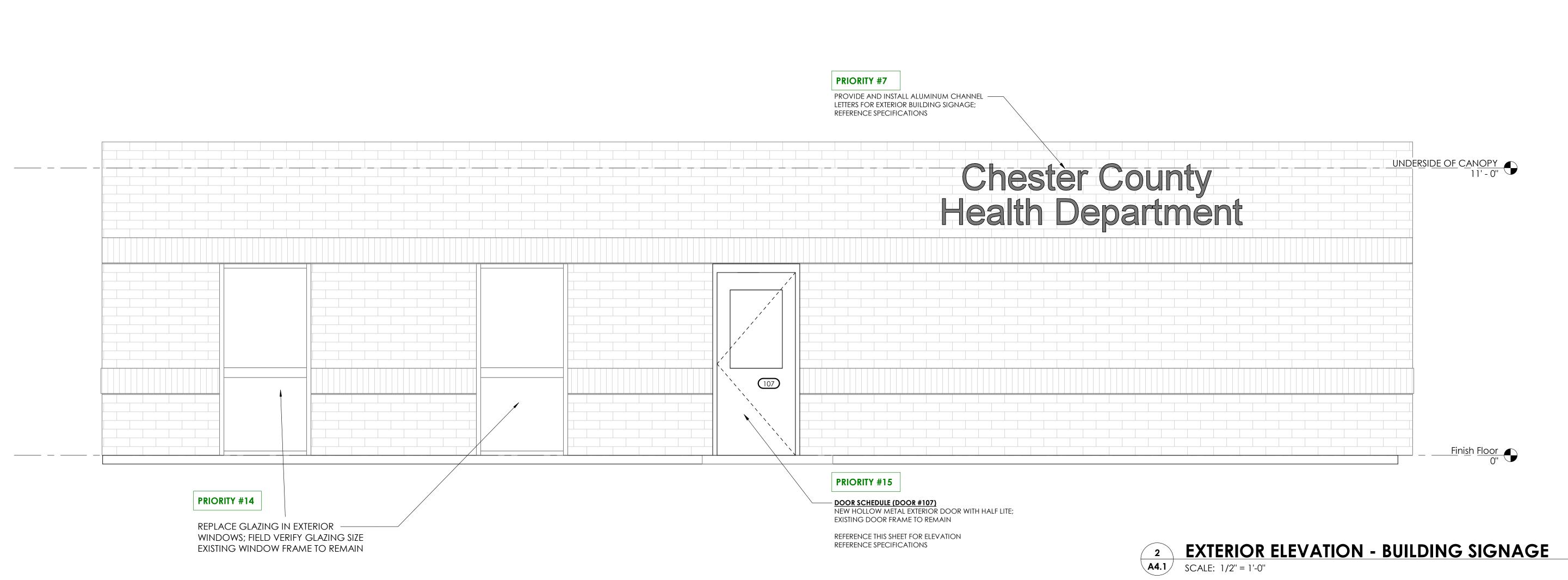


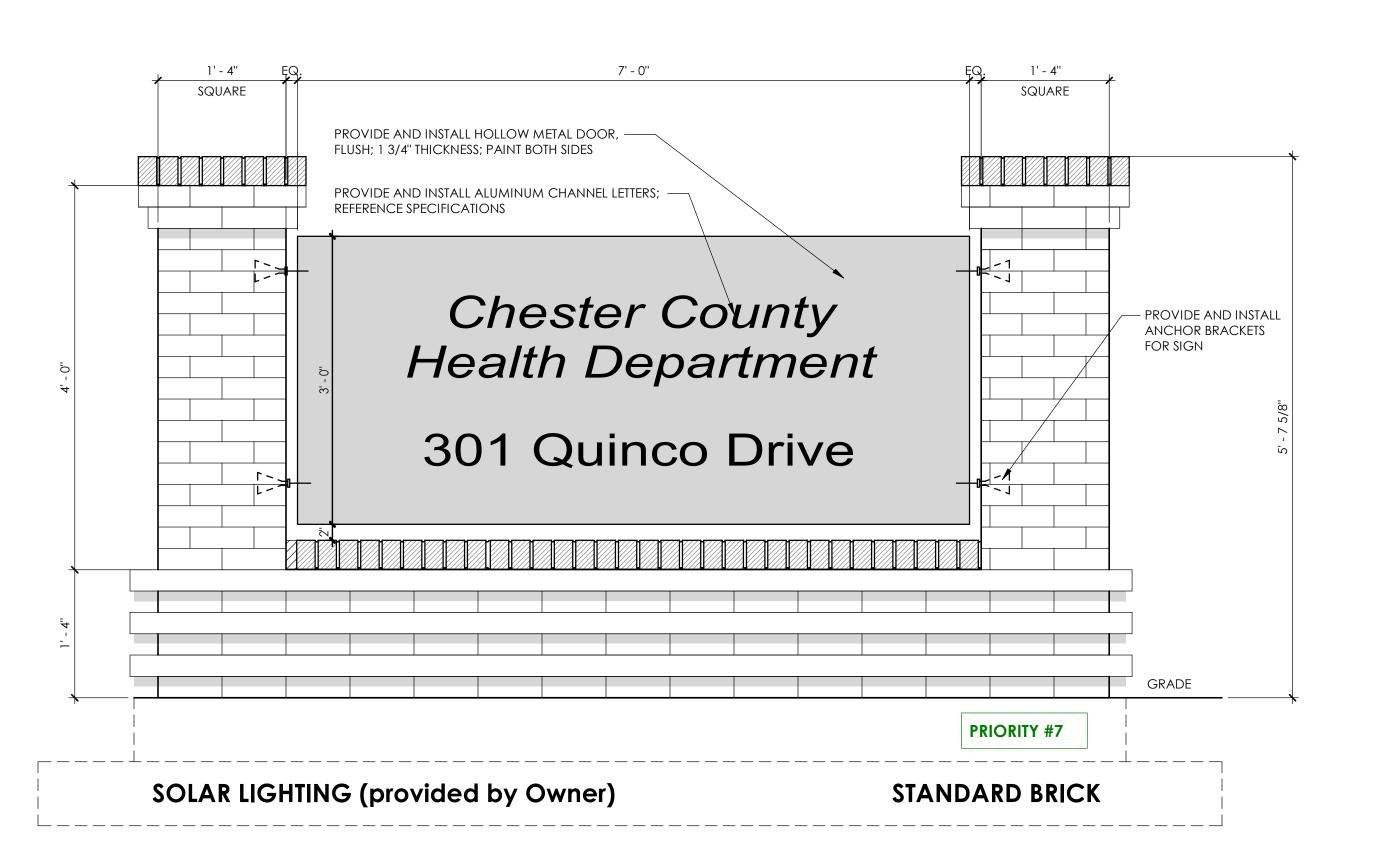


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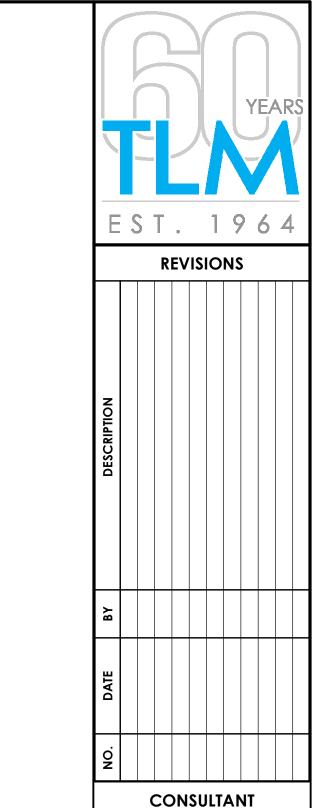
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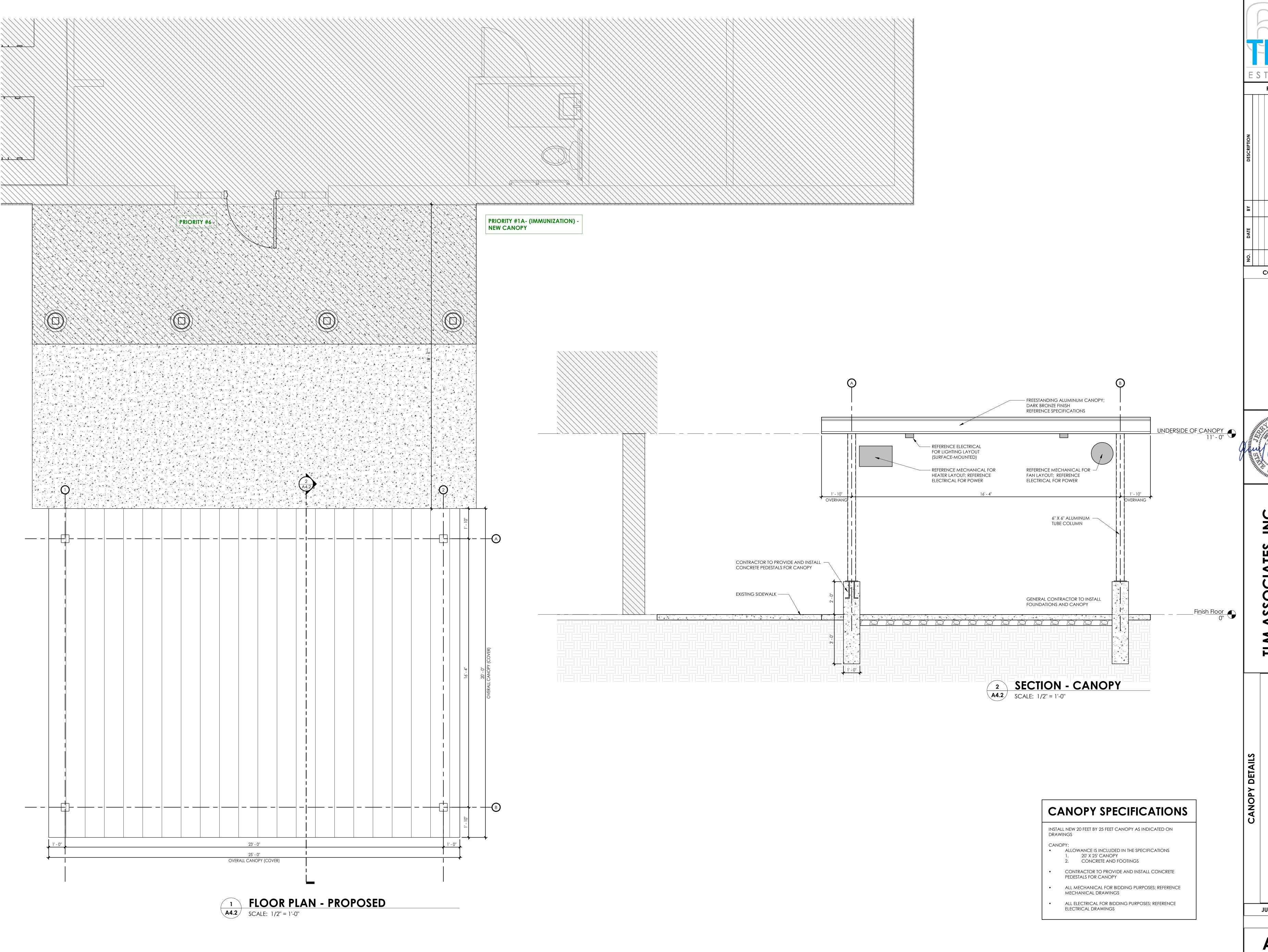
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ARCHITECTS + ENGI

COUNTY HEALTH DEPARTMEN
OR RENOVATION / CANOPY
CHESTER COUNTY

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**A4.1** 



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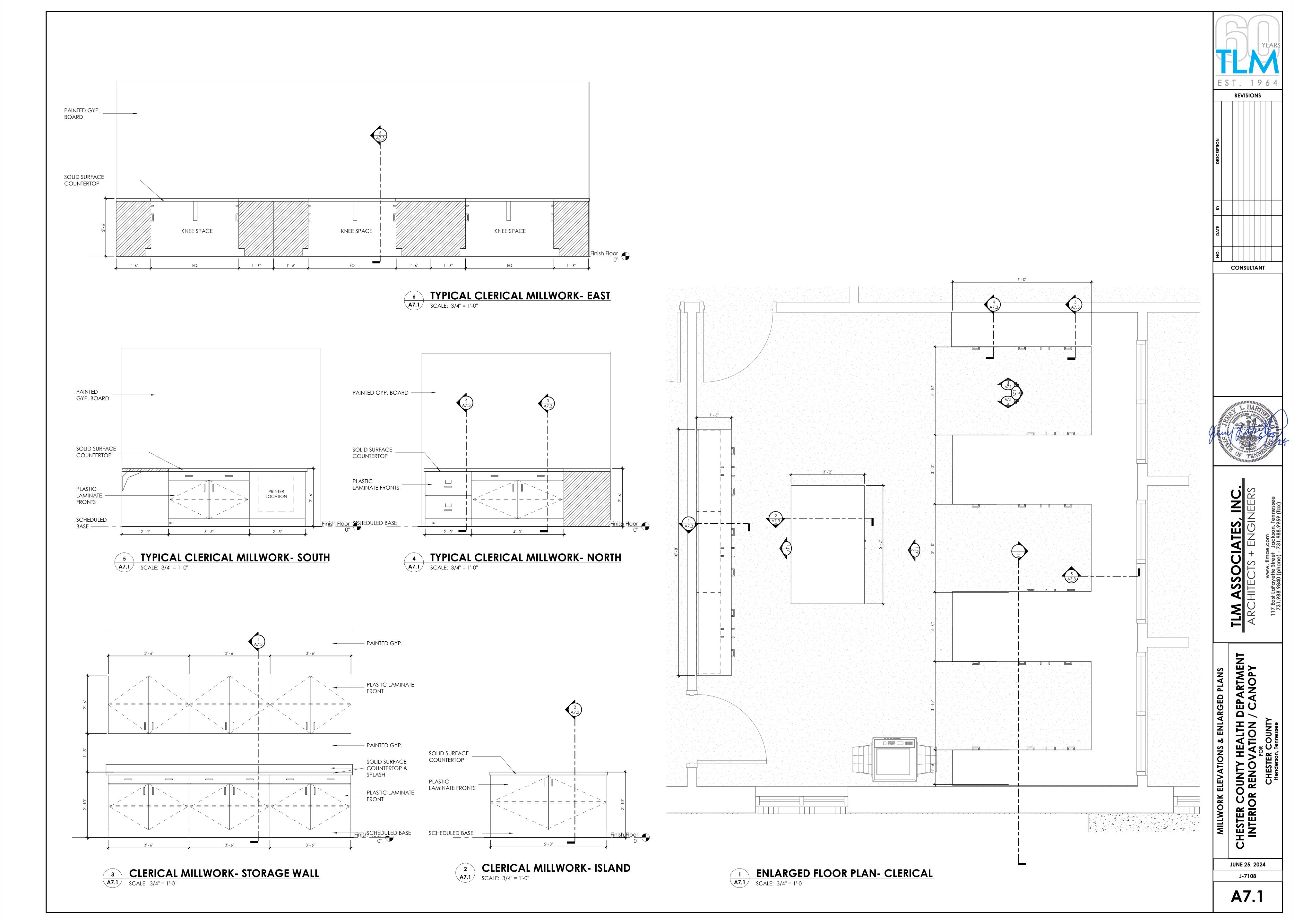
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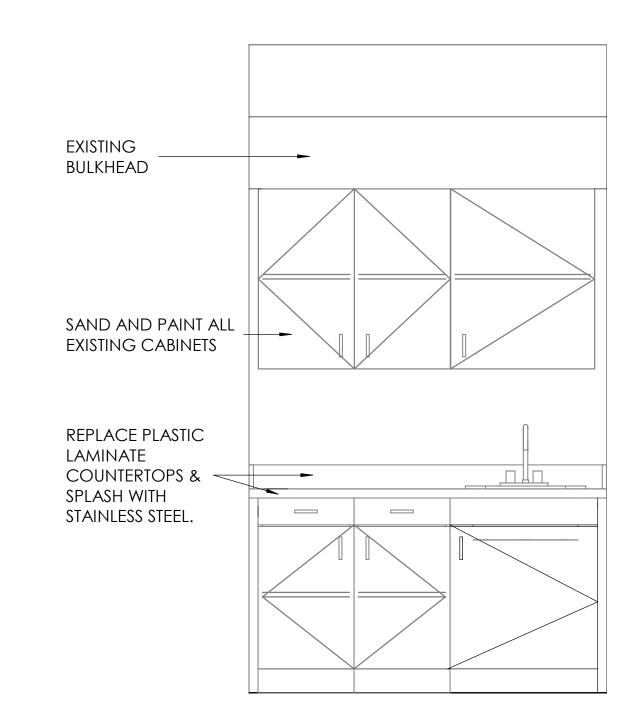


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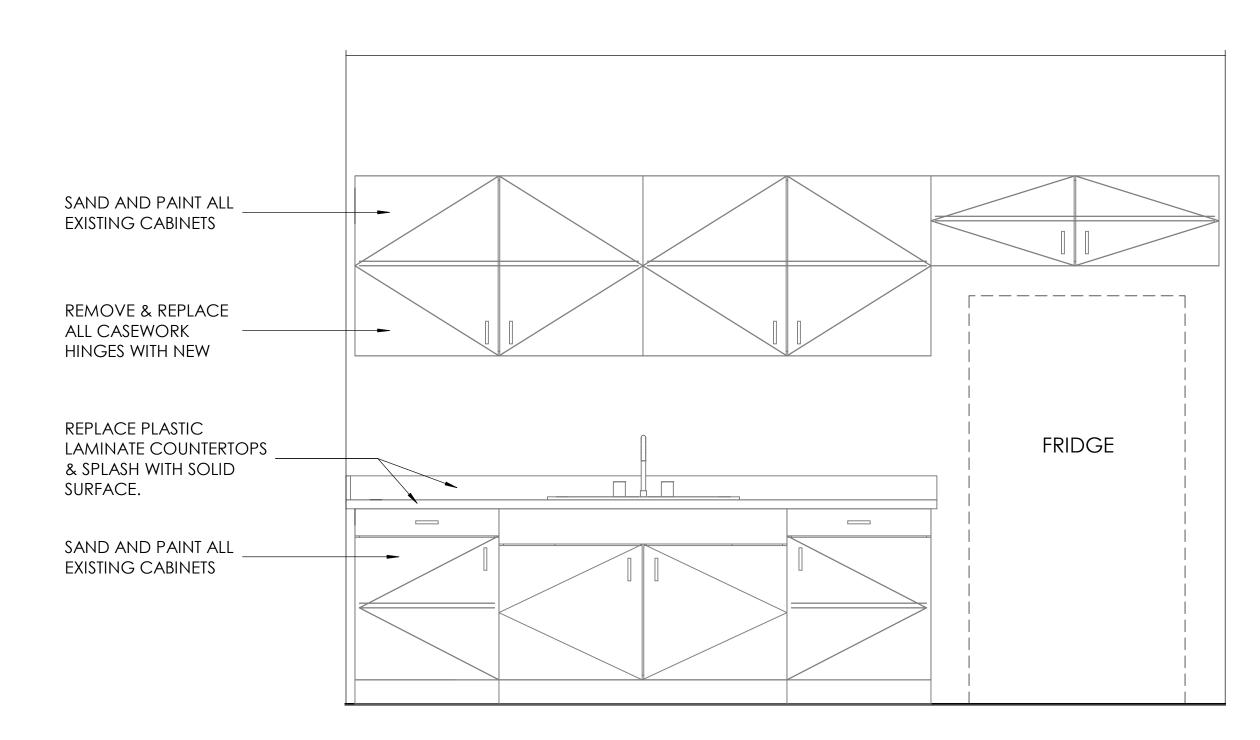
**JUNE 25, 2024** J-7108

**A4.2** 

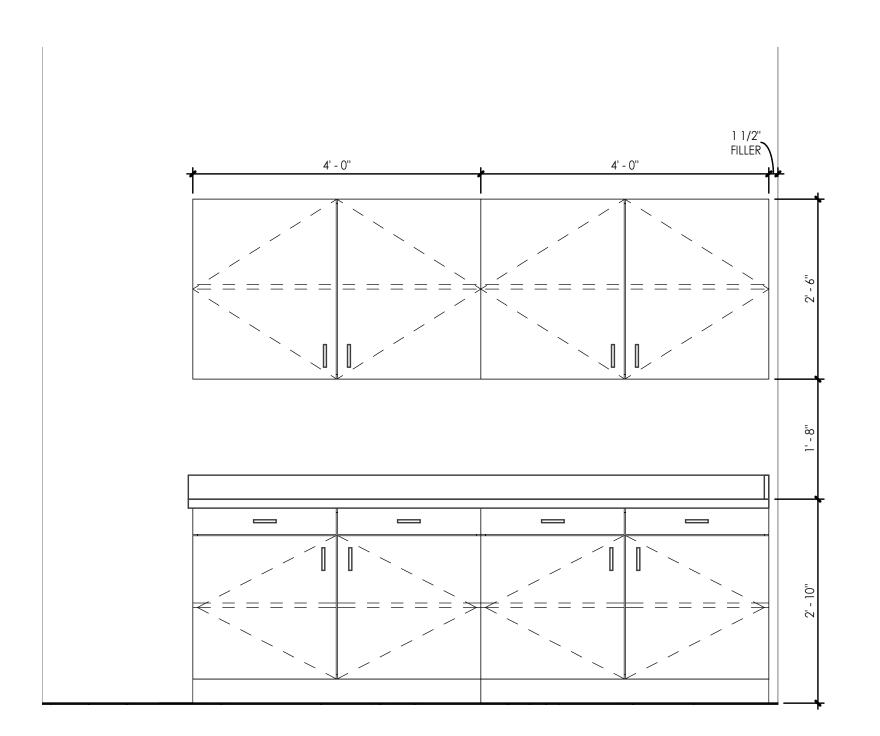




## 6 LAB MILLWORK- EXISTING A7.2 SCALE: 3/4" = 1'-0"

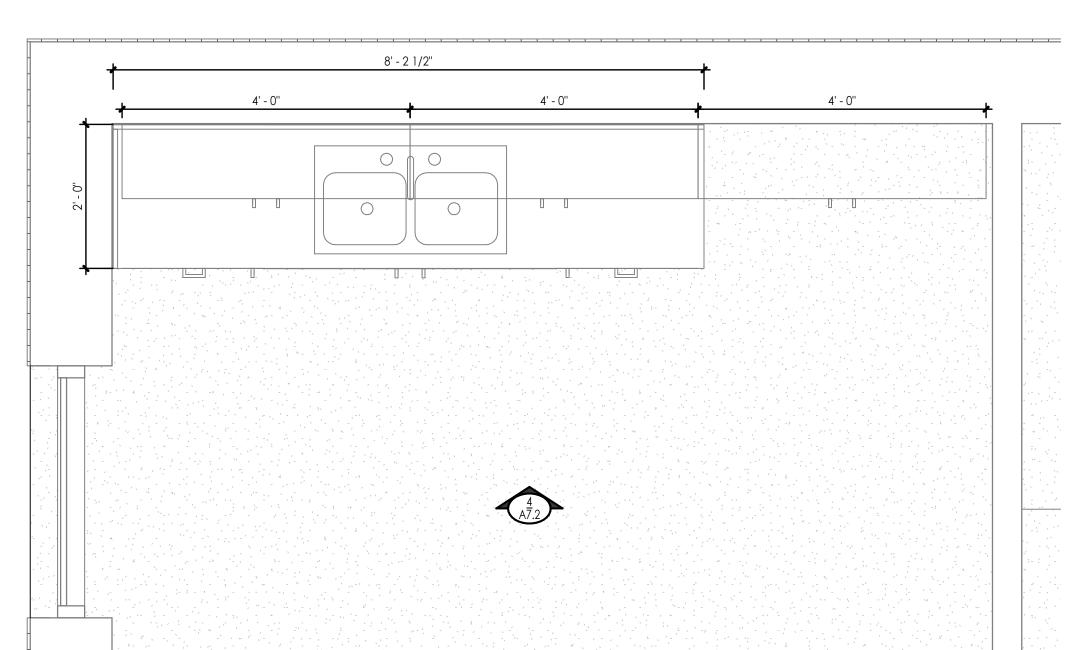


## CONFERENCE ROOM MILLWORK- EXISTING SCALE: 3/4" = 1'-0"

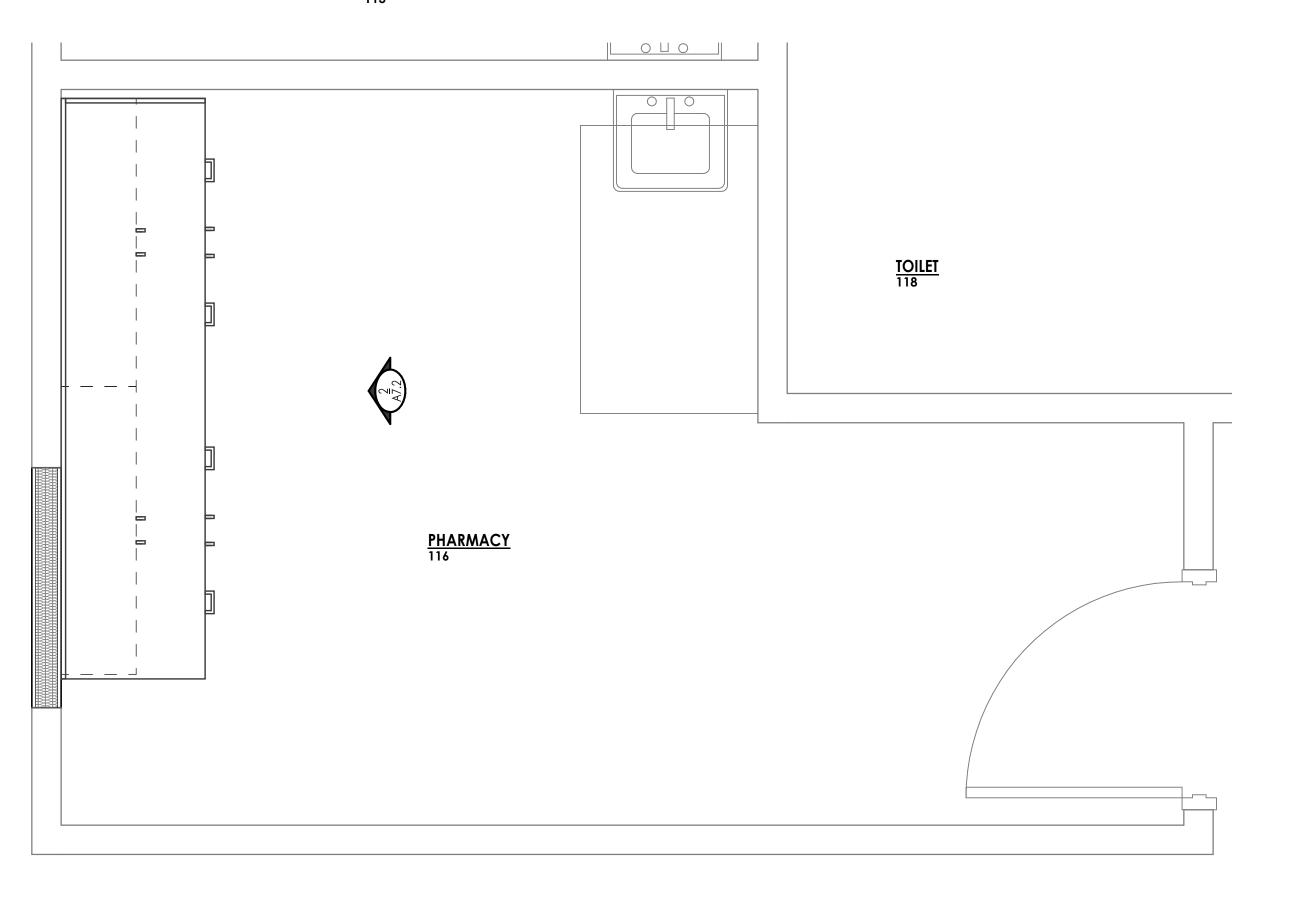


PHARMACY MILLWORK- WEST
SCALE: 3/4" = 1'-0"

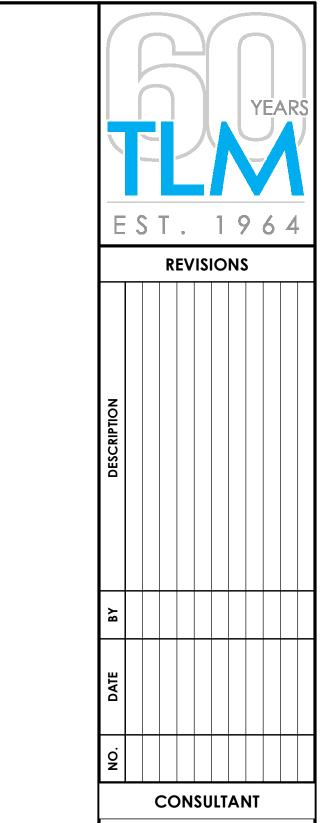
5 ENLARGED FLOOR PLAN- LAB
SCALE: 3/4" = 1'-0"

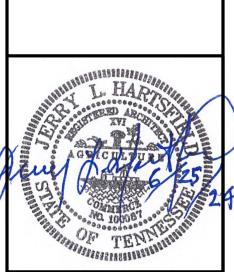










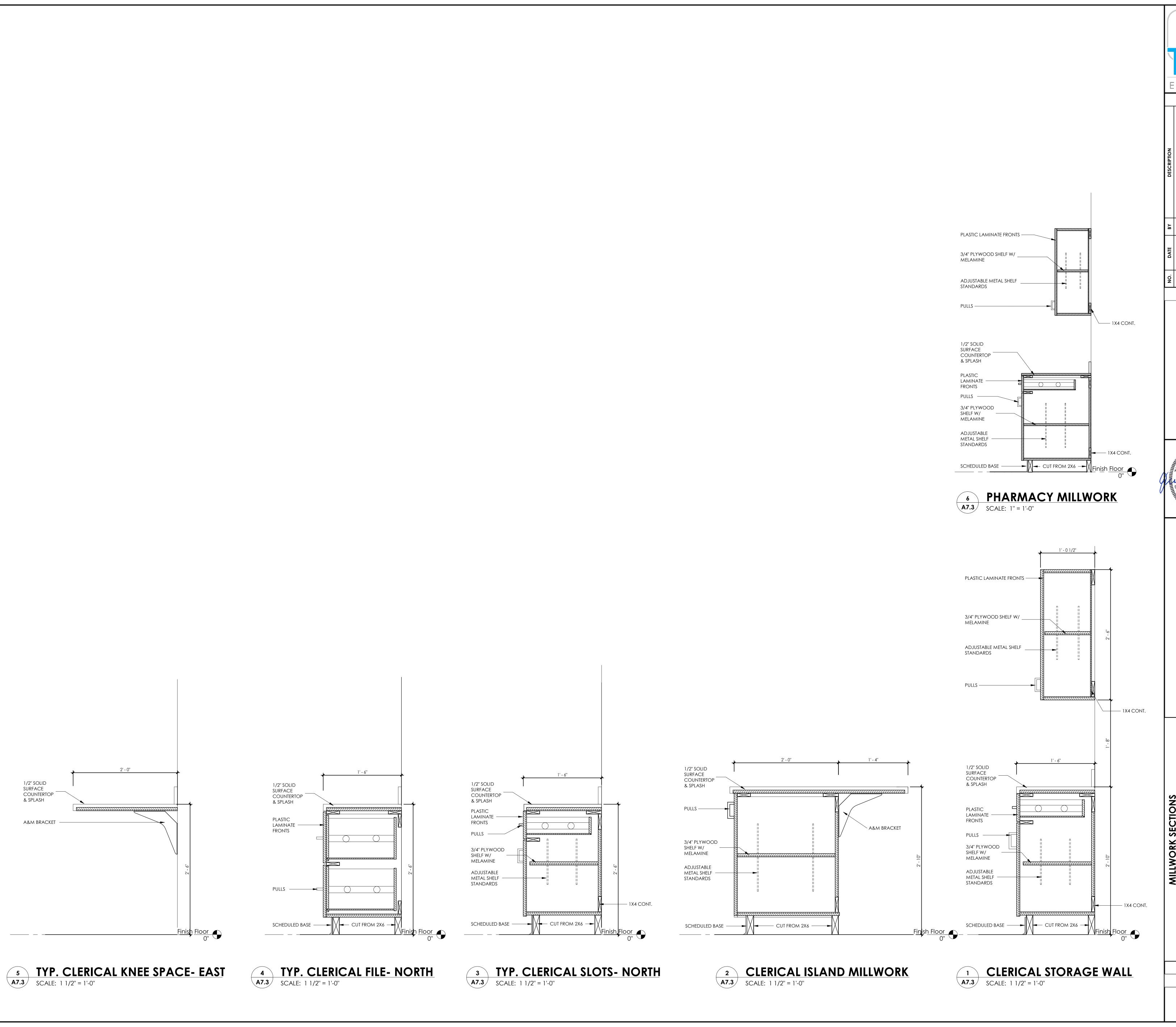


MILLWORK ELEVATIONS & ENLARGED PLANS CHESTER COUNTY HEALTH D
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FOR
CHESTER COUNTY
Henderson, Tennessee

JUNE 25, 2024

J-7108

**A7.2** 



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A7.3

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

6. PROVIDE CONDENSATE PUMP

EXHAUST FAN SCHEDULE								
DESCRIPTION	AREA SERVED	CFM	FAN RPM	MOTOR HP	VOLTAGE	MODEL	WEIGHT LBS	NOTES
PROPELLER INLINE	CANOPY	4,600	1075	0.50	120/1	PATTERSON 18" HD SS CAGE FAN	43	1,2
PROPELLER INLINE	CANOPY	4,600	1075	0.50	120/1	PATTERSON 18" HD SS CAGE FAN	43	1,2
PROPELLER INLINE	CANOPY	4,600	1075	0.50	120/1	PATTERSON 18" HD SS CAGE FAN	43	1,2
PROPELLER INLINE	CANOPY	4,600	1075	0.50	120/1	PATTERSON 18" HD SS CAGE FAN	43	1,2
	PROPELLER INLINE PROPELLER INLINE PROPELLER INLINE	PROPELLER INLINE CANOPY PROPELLER INLINE CANOPY PROPELLER INLINE CANOPY PROPELLER INLINE CANOPY	DESCRIPTIONAREA SERVEDCFMPROPELLER INLINECANOPY4,600PROPELLER INLINECANOPY4,600PROPELLER INLINECANOPY4,600	DESCRIPTION         AREA SERVED         CFM RPM           PROPELLER INLINE         CANOPY         4,600         1075           PROPELLER INLINE         CANOPY         4,600         1075           PROPELLER INLINE         CANOPY         4,600         1075	DESCRIPTION         AREA SERVED         CFM RPM         FAN HP         MOTOR HP           PROPELLER INLINE         CANOPY         4,600         1075         0.50           PROPELLER INLINE         CANOPY         4,600         1075         0.50           PROPELLER INLINE         CANOPY         4,600         1075         0.50	DESCRIPTION         AREA SERVED         CFM RPM         FAN HP         WOTOR HP         VOLTAGE HP           PROPELLER INLINE         CANOPY         4,600         1075         0.50         120/1           PROPELLER INLINE         CANOPY         4,600         1075         0.50         120/1           PROPELLER INLINE         CANOPY         4,600         1075         0.50         120/1	RPM         HP           PROPELLER INLINE         CANOPY         4,600         1075         0.50         120/1         PATTERSON 18" HD SS CAGE FAN           PROPELLER INLINE         CANOPY         4,600         1075         0.50         120/1         PATTERSON 18" HD SS CAGE FAN           PROPELLER INLINE         CANOPY         4,600         1075         0.50         120/1         PATTERSON 18" HD SS CAGE FAN	DESCRIPTION         AREA SERVED         CFM         FAN RPM         MOTOR HP         VOLTAGE         MODEL         WEIGHT LBS           PROPELLER INLINE         CANOPY         4,600         1075         0.50         120/1         PATTERSON 18" HD SS CAGE FAN         43           PROPELLER INLINE         CANOPY         4,600         1075         0.50         120/1         PATTERSON 18" HD SS CAGE FAN         43           PROPELLER INLINE         CANOPY         4,600         1075         0.50         120/1         PATTERSON 18" HD SS CAGE FAN         43

1 PROVIDE HARD WIRED FAN WITH WEATHERPROOF SWITCH MOUNTED ON NEAREST COLUMN AT 48" AFF. PROVIDE LOCKABLE COVER FOR SWITCH. 2 SUPPORT FROM BUILDING STRUCTURE WITH BRACKET THAT ALLOWS ADJUSTABLE DIRECTIONAL AIFLOW

GAS RADIANT HEATER SCHEDULE							
MARK	DESCRIPTION	SERVICE	INPUT SIZE	AMPS	VOLTAGE	MODEL	NOTES
IH-1	HIGH INTENSITY	CANOPY	30 MBH	0.1	120/1	RE-VERBER-RAY DR-30	1,2,3
IH-2	HIGH INTENSITY	CANOPY	30 MBH	0.1	120/1	RE-VERBER-RAY DR-30	1,2,3

1. MOUNT UNIT SUCH THAT PROPER CLEARNACE WILL BE MAINTAINED TO ALL SURFACES INCLUDING VEHICLES AND PERSONNEL

2. WEATHERPROOF THERMOSTAT CONTROLLED, MOUNT T'STAT AT 48" AFF INSIDE LOCKABLE ENCLOSURE 3. PROVIDE REQUIRED MOUNTING BRACKETS AND SEISMIC RESTRAINTS AS REQUIRED

AIR DISTRIBUTION SCHEDULE						
ARK	DESCRIPTION	MODEL (EQUAL TO)				
AD-1	24"X24" CEILING SUPPLY DIFFUSER	NAILOR RNS3				
RG-1	24"X24" CEILING RETURN GRILLE	NAILOR 4260				
•						

#### **HVAC NOTES**

- 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 CONDENSATION CONTROL ONLY.
- 15 SEAL ALL LONGITUDINAL AND TRANSVERSE SEAMS BEFORE APPLYING INSULATION.
- 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.

4 DIRT LEGS SHALL BE INSTALLED AS SHOWN IN DETAIL, FORMED BY A 6" CAPPED NIPPLE IN THE RUN OF A TEE.

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.

### 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.
- 5 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.
- 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.

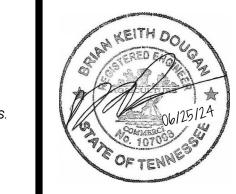
DUCT HANGERS, ATTACH TO

THE STRUCTURE ABV.

RECTANGULAR

— AIR SCOOP

MANUAL DAMPER WITH LOCKING QUADRANT REGULATOR.



**REVISIONS** 

CONSULTANT

13 FOR GAS PIPING IN ACCESSIBLE CEILING SPACES, VALVES SHALL NOT BE LOCATED IN SUCH SPACES UNLESS THEY SERVE GAS APPLIANCES IN SUCH SPACES.

DEP

SCHED REN CHE CHESTER

**JUNE 25, 2024** 

J-7108

**MO-**1

8 DIFFUSER RUNOUT DETAIL

CEILING DIFFUSER

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,

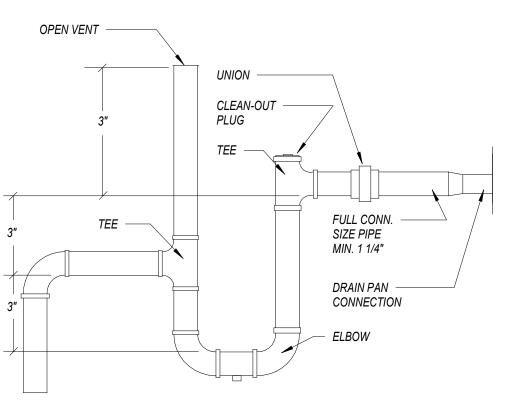
FLEX, AND TOPS

OF DIFFUSERS

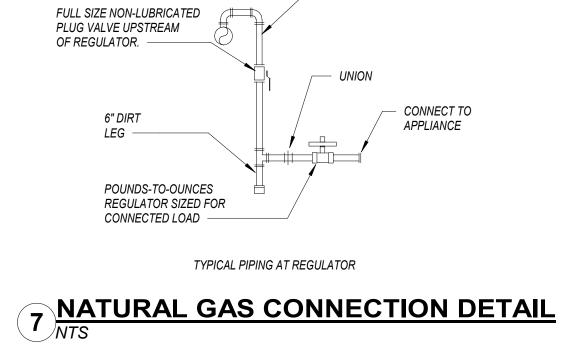
DIFFUSER RUNOUT DETAIL

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

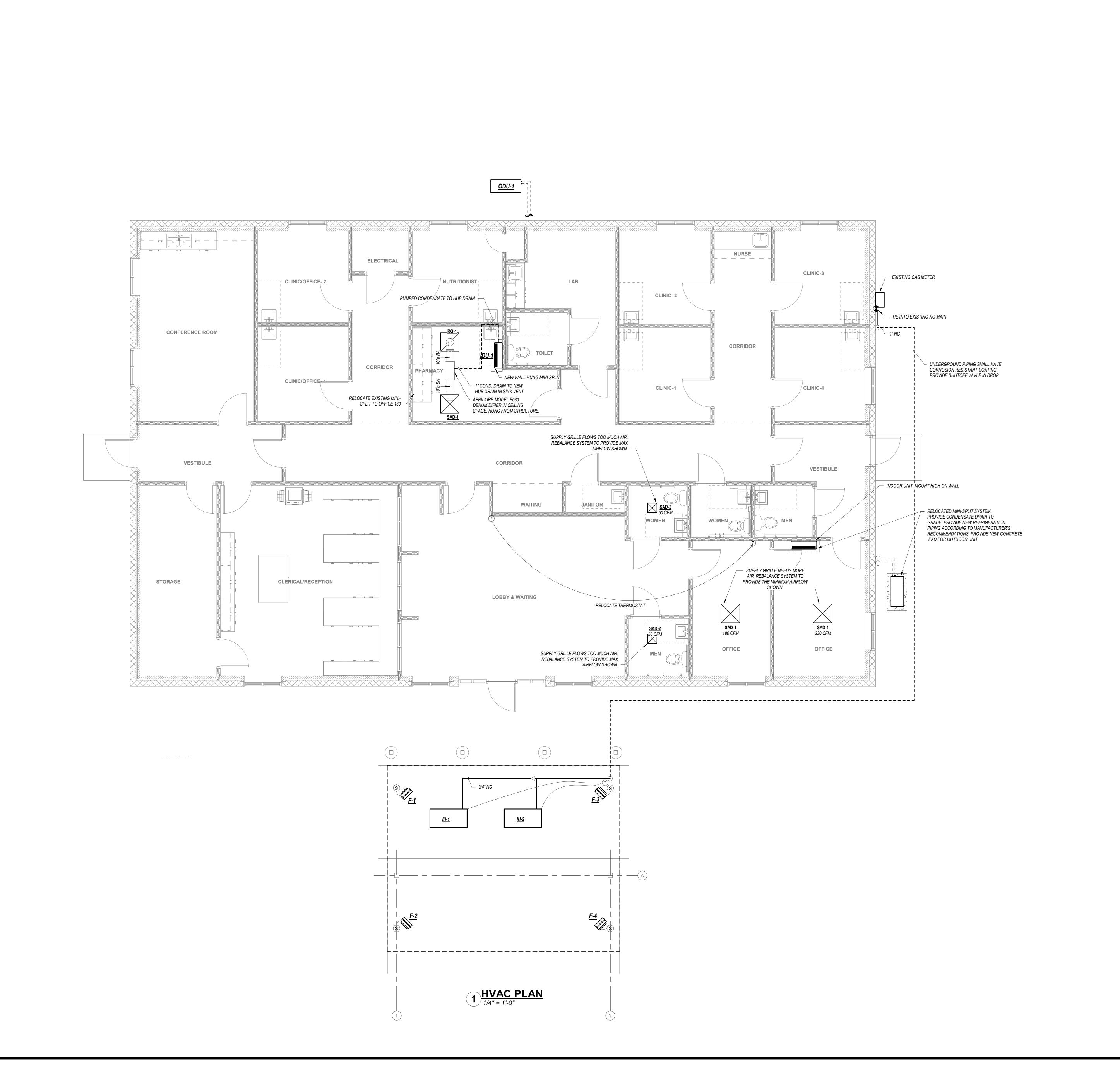
BE 6'-0". SUPPORT TO PREVENT SHARP BENDS OR SAG. -

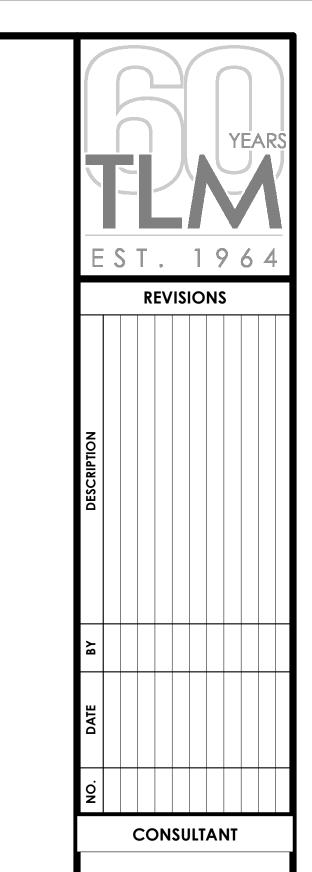


6 CONDENSATE DRAIN TRAP









WEITH OOU SEED STORY AND ON 125 124

OF TENNESS



ARCHITECTS + ENGINE

TY HEALTH DEPARTMENT VOVATION

ESTER COUNTY RENC

JUNE 25, 2024 J-7108

M1-1

	PLUMBING PIPE SCHEDULES								
	TYPICAL PIPING SCHEDULE								
/ADV	INSULATION SPECS								
<b>IARK</b>	DESCRIPTION	PIPE SIZE	PIPE MATERIAL	FITTING MATERIAL	THICKNESS	TYPE			
SAN	SANITARY (UNDERGROUND)	ALL	SCH 40 PVC	PVC DWV					
SAN	SANITARY (ABOVE GROUND)	ALL	SCH 40 PVC	PVC DWV					
		2 1/2" & LARGER	SCH 40 PVC	PVC DWV					
VENT	SANITARY VENT	2" OR SMALLER	SCH 40 PVC	PVC DWV					
014/	DOMESTIC COLD WATER	3" & LARGER	NA	NA	NA	NA			
CW	DOMESTIC COLD WATER	2 1/2" OR SMALLER	COPPER	COPPER	1/2"	FIBERGLASS W/ASJ			
1.047	DOMESTIC LIGHT WATER	1 1/2" & LARGER	NA	NA	NA	NA			
HW	DOMESTIC HOT WATER	1 1/4" OR SMALLER	COPPER	COPPER	1"	FIBERGLASS W/ASJ			

#### PLUMBING FIXTURE SCHEDULE

	TESMIDING TIXTORE SOFIEDOLE							
	PLUMBING FIXTURE SCHEDULE							
MARK	TYPE	MODEL	CW	HW	DRAIN			
WCH-1	FLOOR MOUNT TANK TYPE WATER CLOSET, ADA COMPLIANT	ZURN Z5550, OLSONITE NO. 95 SEAT	1/2"		4"			
LH-1	LAVATORY, ADA COMPLIANT, WALL HUNG	AMER STD LUCERNE 20X18, AMER STD RELIANT FAUCET, ADA INSULATION KIT, MIXING VALVE	1/2"	1/2"	1-1/4"			
BF-1	BOTTLE FILLER, ADA COMPLIANT	ELKAY EZH20 EZ8WSSSMC, REFIGERATED SURFACE MOUNT, NON-FILTERED, 120 VOLT, MOUNT AT ADA HEIGHT	1/2"		1-1/4"			

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

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 NOTES

- 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 SHOW GENERAL PLUMBING LAYOUTS AND PIPE ROUTING FOR BIDDING
  - PURPOSES ONLY.
  - 3 IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONFIRM SPACE ALLOCATIONS.
  - 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 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.
  - 10 PROVIDE CLEANOUTS AT CHANGE IN DIRECTION AND AS REQUIRED INSIDE AND OUTSIDE OF BUILDING. 11 DOMESTIC WATER SHOWN ON PLANS TO RUN CONCEALED ABOVE CEILINGS WHERE THERE IS A CEILING. DOMESTIC WATER PIPE ABOVE GROUND SHALL BE COPPER (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 C547) ON COLD WATER AND 1" (PIPE SIZES LESS THAN 11/2") OR 11/2" (PIPE SIZES GREATER THAN OR EQUAL TO 11/2") FIBERGLASS PAPER BACKED MOLDED INSULATION ON HOT WATER. TAPE JOINTS IN INSULATION TO CREATE VAPOR TIGHT BARRIER.
  - 12 ALL WATER LINES RUN IN EXTERIOR WALLS SHALL BE LOCATED BETWEEN 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.

INSULATION TO MEET ENERGY CODE REQUIREMENTS.

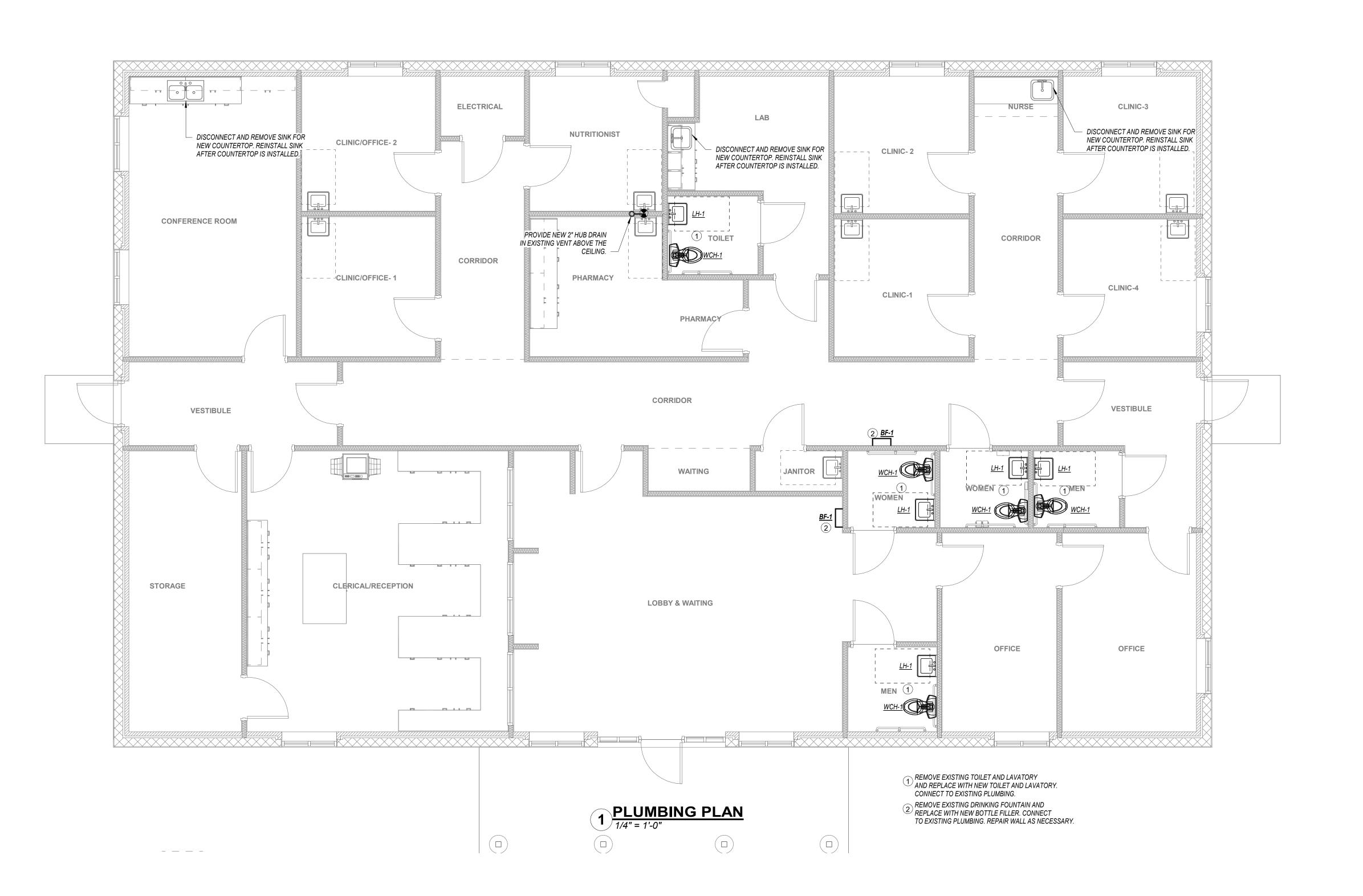
- 13 IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL WATER DISTRIBUTION PIPING IS ROUTED IN AREAS THAT ARE NOT SUBJECT TO FREEZING TEMPERATURES. IF PIPING IS SHOWN ROUTED IN SUCH AREAS AND NO PROVISION FOR FREEZE PROTECTION IS INDICATED, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY.
- 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
- 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
- 19 ALL PIPING SHALL BE LABELED. ALL HOLES THROUGH CONCRETE SHALL BE CORE DRILLED. SAW CUT ALL CONCRETE AND ASPHALT BEFORE BREAKING AND REMOVING. FIELD LOCATE ALL EXISTING SERVICES PRIOR TO STARTING ANY WORK.
- 20 DEMONSTRATE OPERATION AND MAINTENANCE OF PRODUCTS TO OWNER'S PERSONNEL ONE WEEK PRIOR TO DATE OF FINAL INSPECTION. EXECUTE FINAL CLEANING PRIOR TO FINAL PROJECT ASSESSMENT.

AND LONGITUDINAL SEISMIC BRACING IF REQUIRED. PIPE VIBRATION AND/OR PIPE SWAY WILL NOT BE PERMITTED.

- 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. 24 PROVIDE AND INSTALL SHOCK STOPS FOR HOT AND COLD WATER SYSTEMS. PROVIDE SHUTOFF VALVE FOR SERVICE.





4 ALL MATERIALS SHALL BE NEW AND OF THE FINEST QUALITY. ALL WORK SHALL BE PREFORMED BY TRADESMEN THAT ARE **REVISIONS** 

CONSULTANT



RENO FENO CHESTER Hendersol

**JUNE 25, 2024** J-7108

P1-1

- #1- SEE SHEET E0-0 FOR SYMBOL SCHEDULE AND GENERAL POWER NOTES.
- #2- ENSURE BRANCH CIRCUIT CONTINUITY AFTER DISCONNECTION AND REMOVAL OF RECEPTACLES AS SHOWN.

#### NOTES BY SYMBOL:

- DISCONNECT LIGHT FIXTURES IN THIS ROOM FROM NORMAL POWER CIRCUIT AND CONNECT TO EMERGENCY GENERATOR LIGHTING BRANCH CIRCUIT. RECONNECT TO CIRCUIT AS NOTED ON SHEETS E3-1.
- DISCONNECT RECEPTACLES FROM EXISTING NORMAL/EMERGENCY BRANCH CIRCUITS. RECONNECT TO EMERGENGY GENERATOR LIGHTING BRANCH CIRCUIT AS NOTED ON SHEET E3-1.
- DISCONNECT RECEPTACLES FROM EXISTING NORMAL BRANCH CIRCUITS. RECONNECT TO EMERGENGY GENERATOR BRANCH CIRCUIT AS NOTED ON SHEET E3-1.
- DISCONNECT 'IT' RACK QUAD RECEPTACLE FROM EXISTING NORMAL BRANCH CIRCUIT. RECONNECT TO EMERGENGY GENERATOR BRANCH CIRCUIT AS NOTED ON SHEET E3-1.
- DISCONNECT EXISTING MINI-SPLIT CONDENSING UNIT AND EVAPORATOR UNIT TO BE RELOCATED AS SHOWN ON SHEE E3-1.



ELECTRICAL DEMOLITION PLAN

1/4" = 1'-0"

EST. 1964

REVISIONS

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CIAIES, INC.

S + ENGINEERS

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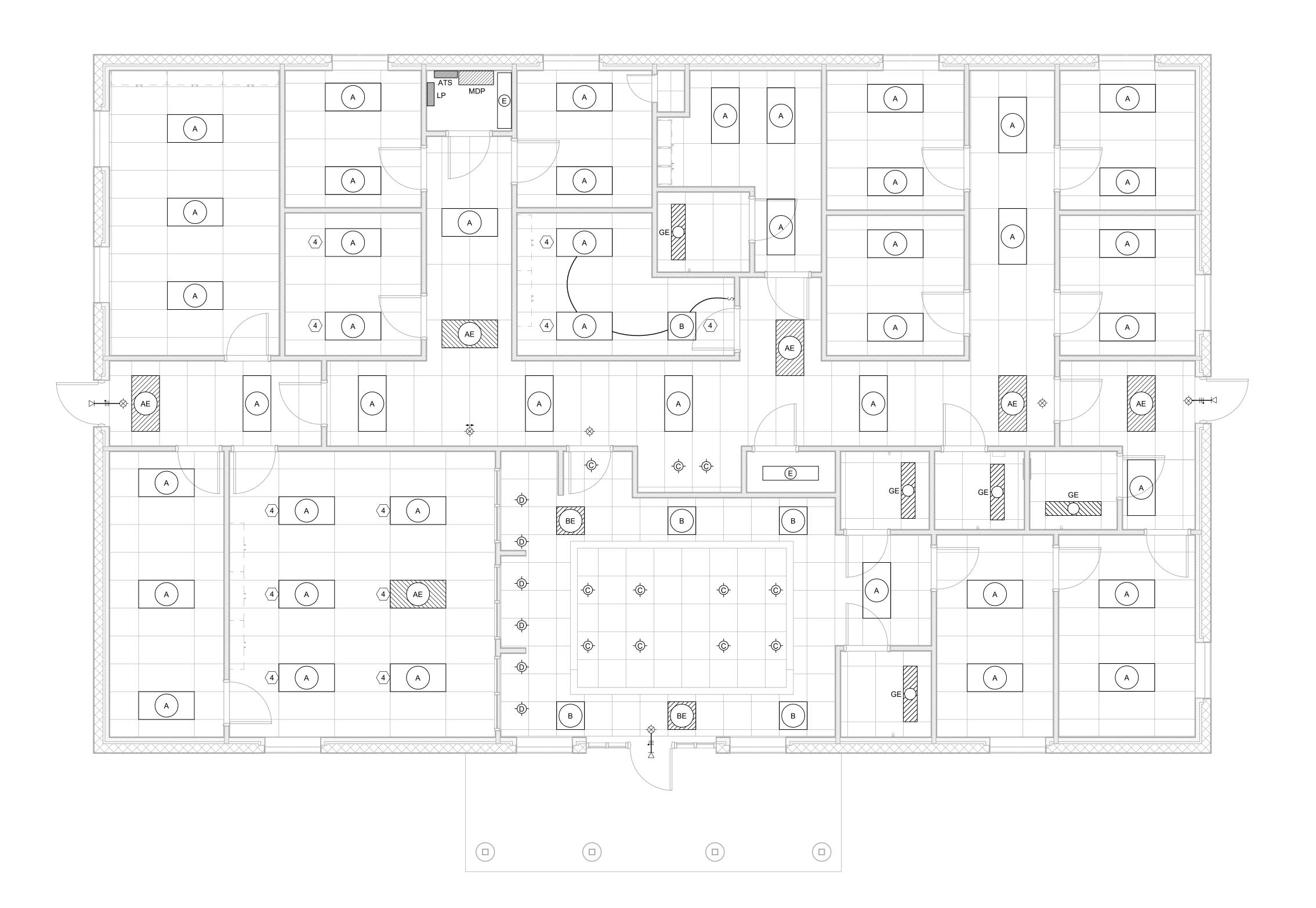
TREET JACKSON, TENNESSEE

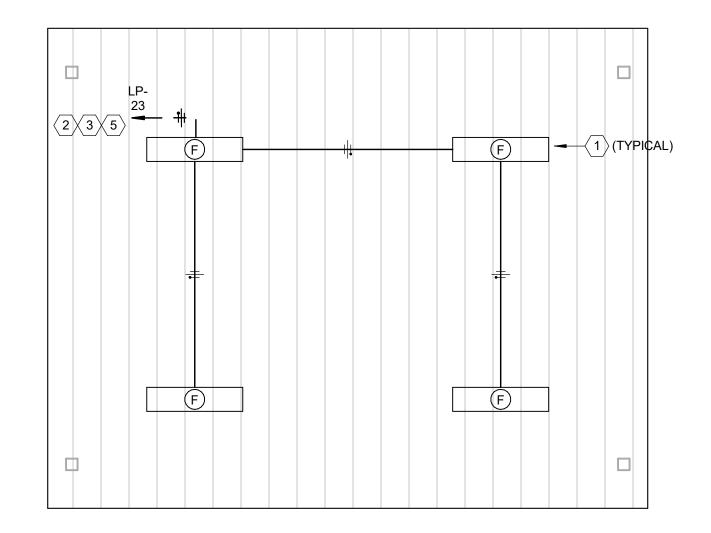
TLM ASSOC ARCHITECTS

R COUNTY HEALTH DEPARTMEN
RENOVATION

JUNE 25, 2024

EO.1





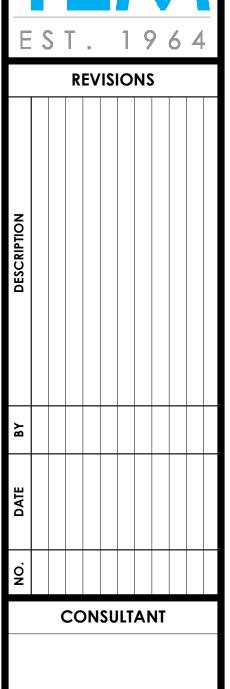
LIGHTING PLAN
1/4" = 1'-0"

#### LIGHTING NOTES:

- #1- ELECTRICAL CONTRACTOR TO PROVIDE ALTERNATE PRICE FOR LIGHT FIXTURE CHANGE WORK SHOWN THIS SHEET EXCEPT FOR NEW PHARMACY LIGHTING REWORK.
- #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 FIXTURES AND EXIT SIGNS AHEAD OF AREA LIGHTING CONTROLS.

#### NOTES BY SYMBOL:

- $\langle 1 \rangle$  LIGHT FIXTURE SHALL BE A MINIMUM OF 12" FROM HEATER. FIELD COORDINATE EXACT LOCATION.
- PROVIDE LIGHTING CONTROL FOR CANOPY LIGHTS. COORDINATE WITH OWNER IF LIGHTS TO BE CONTROLLED WITH EXTERIOR WALL PACKS OR VIA TOGGLE SWITCH INSIDE.
- $\overline{\langle 3 \rangle}$  CONNECT TO SPARE 20/1P BREAKER IN EXITING PANEL 'LP'
- REWORK LIGHTING BRANCH CIRCUIT IN THIS ROOM AND RECONNECT TO EXISTING EMERGENCY LIGHTING BRANCH CIRCUIT. PHARMACY LIGHT FIXTURES SHALL BE IN BASE PRICE.
- 5 ROUTE CONDUIT DOWN COLUMNS ANDUNDERGROUND TO EXTERIOR JUNCTION BOX. CONCEAL ALL CONDUITS WHERE POSSIBLE.



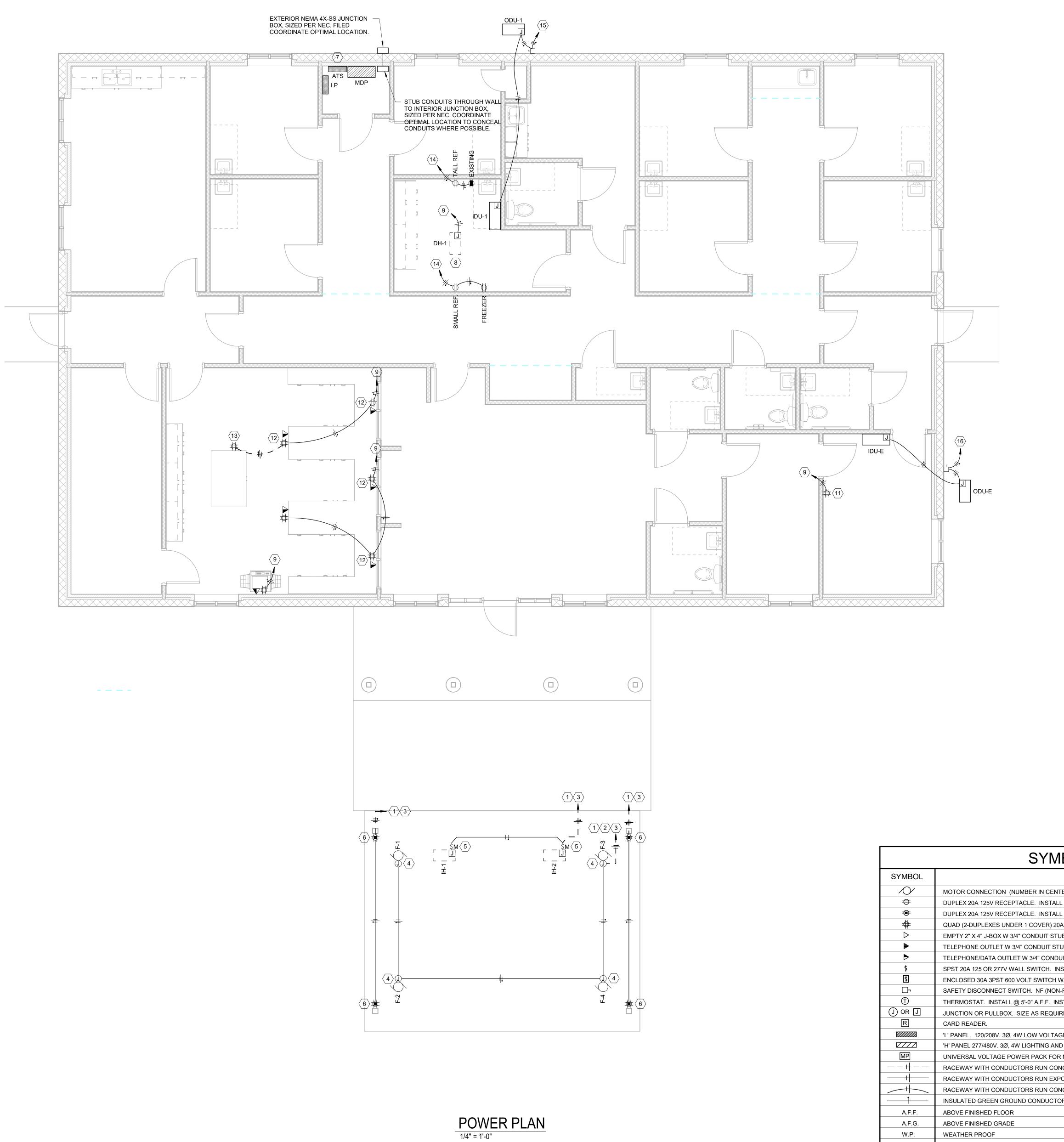


COUNTY HEALTH DEPARTMENT
RENOVATION
FOR
Chester County
Henderson, Tennessee

JUNE 25, 2024 J-7108

**E2-1** 

				LUMII	NAIRE SCHEDULE
TYPE MARK	LAMPS	VOLTAGE	MOUNTING	FINISH	SPECIFICATIONS
А	37W LED @ 4,718 LUMENS	120V	RECESSED CEILING	WHITE ENAMEL	2X4 LED RECESSED TROFFER FLAT PANEL FIXTURE WITH ELECTRONIC DRIVER. (DAYBRITE #2SBP3550L8CS-4-UN3-DIM OR EQUAL)
AE	37W LED @ 4,718 LUMENS	120V	RECESSED CEILING	WHITE ENAMEL	2X4 LED RECESSED TROFFER FLAT PANEL FIXTURE WITH ELECTRONIC DRIVER AND BATTERY BACKUP. (DAYBRITE #2SBP3550L8CS-4-UNV-DIM-BSL310RM OR EQUAL)
В	32W LED @ 3,800 LUMENS	120V	RECESSED CEILING	WHITE ENAMEL	2X2 LED RECESSED TROFFER FLAT PANEL FIXTURE WITH ELECTRONIC DRIVER. (DAYBRITE #2SBP3040L8CS-2-UN3-DIM OR EQUAL)
BE	32W LED @ 3,800 LUMENS	120V	RECESSED CEILING	WHITE ENAMEL	2X2 LED RECESSED TROFFER FLAT PANEL FIXTURE WITH ELECTRONIC DRIVER AND BATTERY BACKUP. (DAYBRITE #2SBP3040L8CS-2-UN3-DIM-BSL310RM OR EQUAL)
С	13W LED @ 1,500 LUMENS	120V	RECESSED CEILING	STANDARD	6" LED DOWNLIGHT WITH CLEAR ALZAK SEMI-DIFFUSE REFLECTOR. (HE WILLIAMS #6DR-TL-L15/840-DIM-UNV-OW-OF-CS-MWT-N OR EQUAL)
D	13W LED @ 1,500 LUMENS	120V	RECESSED CEILING	STANDARD	4" LED DOWNLIGHT WITH CLEAR ALZAK SEMI-DIFFUSE REFLECTOR, WET LOCATION. (HE WILLIAMS #4DR-TL-L15/835-DIM-UNV-SW-SF-CS-MWT OR EQUAL)
Е	19W LED @ 2,400 LUMENS	120V	SURFACE WALL @ 7'-0" A.F.F.	STANDARD	LED SURFACE MOUNT WRAPAROUND FIXTURE W/ DIFFUSE ACRYLIC LENS, AND ELECTRONIC DRIVER. (HE WILLIAMS #SLF-4-L26/840-HIA-DIM-UNV OR EQUAL)
F	57W LED @ 7,900 LUMENS	120V	SURFACE CEILING	STANDARD	FULLY ENCLOSED AND GASKETED LED SURFACE MOUNT FIXTURE W/ DIFFUSE LENS, AND ELECTRONIC DRIVER. (HE WILLIAMS #97-4-L79/840-FR-WET/2-DIM-UNV OR EQUAL)
GE	30W LED @ 3,800 LUMENS	120V	RECESSED CEILING	WHITE ENAMEL	1X4 LED RECESSED TROFFER FLAT PANEL FIXTURE WITH ELECTRONIC DRIVER AND BATTERY BACKUP. (DAYBRITE #1SBP3040L8CS-4-UNV-DIM-BSL310RM OR EQUAL)
-\$-	LONG LIFE "LED" LAMPS	120V	SURFACE CEILING	BRUSH ALUMINUM	UNIVERSAL FACE AND MOUNT EXIT FIXTURE W/ RED STENCIL FACE, BRUSHED ALUMINUM BODY AND LONG LIFE "LED" LAMPS. (CHLORIDE #ER55L3R OR EQUAL)
$\nabla$	LED PAR LAMPS	120V	SURFACE WALL @ 8'-0" A.F.F.	WHITE	EXTERIOR EMERGENCY REMOTE HEAD FIXTURE. (CHLORIDE #VLL1R)



POWER NOTES:

- #1- SEE SHEET E0-0 FOR SYMBOL SCHEDULE AND GENERAL POWER NOTES.#2- UPDATE ALL PANELBOARD SCHEDULES AFTER NEW BRANCH CIRCUITS
- HAVE BEEN ADDED.
- #3- ALL EXTERIOR RECEPTACLES SHALL BE WEATHER RESISTANT (WR)
  GROUND FAULT CIRCUIT INTERRUPTER (GFCI) TYPE IN AN EXTRA DUTY
  IN-USE WEATHERPROOF COVER.

#### NOTES BY SYMBOL:

- ROUTE CONDUIT DOWN COLUMNS AND UNDERGROUND TO EXTERIOR JUNCTION BOX. CONCEAL ALL CONDUITS WHERE POSSIBLE.
  - 2 PROVIDE SWITCH FOR FANS. COORDINATE EXACT SWITCH LOCATION WITH
- (3) CONNECT TO A SPARE 20A/1P BREAKER IN EXISTING PANEL 'LP'
- COORDINATE POWER CONNECTION FOR FANS WITH THE MECHANICAL CONTRACTOR. PROVIDE WEATHERPROOF RECEPTACLE AS REQUIRED.
- PROVIDE POWER FOR GAS INFARED HEATER. PROVIDE A WEATHERPROOF MOTOR RATED SNAP SWITCH FOR A DISCONNECT AS REQUIRED.
- RECEPTACLE MOUNTED ON COLUMN. CONCEAL ALL WIRING IN COLUMN AND COORDINATE ALL DETAILS WITH THE CANOPY SHOP DRAWINGS.
- COMBINE ALL CONNECTED LIGHTING BRANCH CIRCUIT ONTO ONE 120V 20A 1P BREAKER.
- PROVIDE HARDWIRED CONNECTION TO DEHUMIDIFIER MOUNTED ABOVE ACCESIBLE CEILING SPACE.
- 9 CONNECT TO A SPARE 20A/1P BREAKER IN EXISTING PANEL 'ATS'.
- REWORK ALL RECEPTACLES IN THIS ROOM TO BE CONNECTED TO EMERGENCY LIGHTING BRANCH CIRCUIT.
- PROVIDE NEW HOMERUN FROM EXISTIN 'IT' RACK QUAD RECEPTACLE TO
- COORDINATE EXACT RECEPTACLE ANDA DATA OUTLET LOCATIONS WITH MILLWORK DRAWINGS. PROVIDE RACEWAY IN MILLWORK TO NEAREST WALL AS REQUIRED FOR RECEPTACLES AND DATA OULETS MOUNTED WITHIN MILLWORK.
- COORDINATE EXACT RECEPTACLE ANDA DATA OUTLET LOCATIONS WITH MILLWORK DRAWINGS. PROVIDE RACEWAY IN MILLWORK TO NEAREST WALL AS REQUIRED FOR RECEPTACLES AND DATA OULETS MOUNTED WITHIN MILLWORK. TRENCH FLOOR AND PROVIDE UNDERFLOOR CONDUIT AS REQUIRED FOR ISLAND.
- CONNECT NEW RECEPTACLES IN NEW PHARMACY ROOM TO EXISTING BRANCH CIRCUITS/BREAKERS FOR FREEZER & REFRIGERATORS.
- PROVIDE A 208V 30A 2P NF NEMA-3R DISCONNECT FOR MINI-SPLIT UNIT. PROVIDE NEW 208V 30A 2P BREAKER IN PANEL 'ATS'. NEW BRANCH CIRCUIT CONDUCTORS TO BE 2 #10 AWG & 1 #10 GRD IN 3/4"C.
- PROVIDE A 208V 30A 2P NF NEMA-3R DISCONNECT FOR RELOCATED MINI-SPLIT UNIT. PROVIDE NEW 208V 20A 2P BREAKER IN PANEL 'LP'. NEW BRANCH CIRCUIT CONDUCTORS TO BE 2 #12 AWG & 1 #12 GRD IN 3/4"C.

	SYMBOL SCHEDULE
SYMBOL	DESCRIPTION
<b>/</b> /	MOTOR CONNECTION (NUMBER IN CENTER INDICATES HORSEPOWER)
<del>+</del>	DUPLEX 20A 125V RECEPTACLE. INSTALL @ 1'-6" A.F.F. IN FINISHED AREAS AND @ 4'-0" IN UNFINISHED AREAS.
<del></del>	DUPLEX 20A 125V RECEPTACLE. INSTALL @ 44" A.F.F. FOR ABOVE COUNTER USE.
<del></del>	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.
<b>&gt;</b>	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.
\$	ENCLOSED 30A 3PST 600 VOLT SWITCH W/ LOCKOUT DEVICE
□	SAFETY DISCONNECT SWITCH. NF (NON-FUSED)
$\bigcirc$	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.
	RACEWAY WITH CONDUCTORS RUN CONCEALED IN FLOOR SLAB, IN WALLS OR IN EARTH.
<del></del>	RACEWAY WITH CONDUCTORS RUN EXPOSED. RUN PARALLEL AND AT RIGHT ANGLES TO BUILDING STRUCTURE.
	RACEWAY WITH CONDUCTORS RUN CONCEALED ABOVE CEILING, IN WALLS OR IN FURRED SPACES.
<u> </u>	INSULATED GREEN GROUND CONDUCTOR. SAME SIZE AS PHASE WIRE UNLESS NOTED.
A.F.F.	ABOVE FINISHED FLOOR
A.F.G.	ABOVE FINISHED GRADE
W.P.	WEATHER PROOF
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
C.U.	CONDENSING UNIT
U.H.	UNIT HEATER (GAS FIRED UNLESS NOTED)

 $\underline{\mathsf{NOTES:}} \ \mathsf{THIS} \ \mathsf{IS} \ \mathsf{A} \ \mathsf{STANDARD} \ \mathsf{SYMBOLS} \ \mathsf{SCHEDULE}. \ \mathsf{ALL} \ \mathsf{SYMBOLS} \ \mathsf{SHOWN} \ \mathsf{ON} \ \mathsf{THIS} \ \mathsf{SCHEDULE} \ \mathsf{MAY} \ \mathsf{NOT} \ \mathsf{APPEAR} \ \mathsf{IN} \ \mathsf{THIS} \ \mathsf{SET} \ \mathsf{OF} \ \mathsf{DRAWINGS}.$ 

ELECTRIC UNIT HEATER

GROUND FAULT INTERRUPT



DESCRIPTION

CONSULTANT



TES, INC.

INGINEERS

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