

Rated Wall Legend	
— 2" SP	Non-rated smoke partition (Existing)
— 1" FB	1 Hour Smoke Partition U.L. Design No. U906
— 1" FW	1 Hour Fire Barrier U.L. Design No. U905
— 2" FW	2 Hour Fire wall (Existing)

- GENERAL NOTES**
- EMERGENCY RESPONDER RADIO COVERAGE: INCLUDE FEE FOR TESTING THE BUILDING AS PART OF THE ELECTRICAL BID AND WORST CASE SCENARIO (FULL COVERAGE) PRICING AS A SEPARATE LINE ITEM. THE PRICING WILL BE ADJUSTED AFTER THE TEST RESULTS DETERMINE THE REQUIRED EQUIPMENT.
 - COORDINATE CEILING MOUNTED DEVICES WITH ARCHITECTURAL REFLECTED CEILING PLAN.
 - ALL DEVICES SHALL BE TAMPER RESISTANT PER NEC 406.12.
 - ALL FIRE ALARM SYSTEM DEVICES SHALL BE FULLY COMPATIBLE WITH THE EXISTING NOTIFIER FIRE ALARM SYSTEM.
 - ALL WIRING SHALL BE PLENUM RATED, OR INSTALLED IN CONDUIT.
 - PROVIDE #2 AWG GROUND WIRE FROM THE MAIN SERVICE GROUNDING BUS TO THE TELEPHONE TERMINAL BOARD. PROVIDE 0.25" X 2" X 12" COPPER GROUNDING BUS BAR MOUNTED ON INSULATED STANDOFFS ANCHORED WITH STAINLESS STEEL BRACKETS EQUAL TO ERICO TGB-A12L06PT.
 - PROVIDE CONDUIT SLEEVES ABOVE ALL DOORS TO ROOMS SHOWN WITH PHONE, DATA, TELEVISION, OR OTHER LOW VOLTAGE COMMUNICATIONS SYSTEMS. PROVIDE AS FOLLOWS:
 - 2 - 4" CONDUIT SLEEVES INTO THE IT/SERVER ROOMS AND IDF ROOMS.
 - 2 - 2" CONDUIT SLEEVES INTO OPEN OFFICE AREAS.
 - 2 - 1" CONDUIT SLEEVES INTO OFFICES, BREAK ROOMS, OR OTHER SPACES.
 - ALL EMPTY CONDUITS SHALL BE PROVIDED WITH A PULL STRING.
 - PER NEC 210.8, ALL GROUND FAULT RECEPTACLES ARE TO BE IN A READILY ACCESSIBLE LOCATION. IF NOT, PROVIDE A GROUND FAULT CIRCUIT BREAKER IN THE PANEL, OR A DEAD FRONT GROUND FAULT DEVICE IN AN ACCESSIBLE LOCATION SERVING THE INACCESSIBLE DEVICE.
 - COORDINATE ACTUAL MOUNTING LOCATIONS OF ALL EQUIPMENT WITH CONTRACTOR PROVIDING THE EQUIPMENT.
 - PROVIDE FINAL CONNECTIONS TO ALL EQUIPMENT SUPPLIED BY OTHERS.
 - PROVIDE NEMA 3R RATED SAFETY SWITCHES WHERE LOCATED OUTDOORS.
 - PROVIDE MATCHING PLUG, PIGTAIL, AND CONNECTIONS TO EQUIPMENT FOR ALL SPECIAL PURPOSE RECEPTACLES.
 - COORDINATE RECEPTACLE PLACEMENT WITH ARCHITECTURAL SECTIONS AND ELEVATIONS.

- CODED NOTES**
- NO WORK IN THIS AREA. AREA PART OF THE FIRST FLOOR RENOVATIONS.
 - PROVIDE POWER CONNECTION TO DOOR SECURITY POWER SUPPLY. POWER SUPPLY SHALL INTERFACE WITH THE FIRE ALARM SYSTEM TO RELEASE THE DOOR UPON A FIRE ALARM. PROVIDE 3/4" CONDUIT AND WIRING FROM POWER SUPPLY THE CARD READER AND DOOR STRIKE.
 - CLINIC AREA FIRE ALARM DEVICES SHALL BE UPGRADED AND CONNECTED TO THE FIRE ALARM SYSTEM. FIELD VERIFY DEVICE QUANTITY AND LOCATIONS.
 - EXISTING CLINIC ROOF TOP UNIT.
 - SEE SHEET E1.7 FOR CONTINUATION.
 - PROVIDE POWER FROM NEAREST GENERAL RECEPTACLE CIRCUIT.
 - EXHAUST FAN TO BE CONTROLLED BY ROOM OCCUPANCY SENSOR(S) VIA ADDITIONAL SWITCHPACK, OR BY DUAL POLE WALL MOUNTED OCCUPANCY SENSOR SHARED WITH LIGHTING CONTROLS. DEVICE SHALL BE UL LISTED FOR 277 VOLT LIGHTING AND 120 VOLT FAN CONNECTIONS. COORDINATE LOCATION OF ROOF OR WALL MOUNTED FAN WITH THE MECHANICAL CONTRACTOR.
 - PROVIDE 120V, 1Ø POWER CONNECTION TO SMOKE DAMPER. COORDINATE DAMPER VOLTAGE AND PROVIDE STEP DOWN TRANSFORMER AS REQUIRED. INTERFACE SMOKE DAMPER WITH THE FIRE ALARM SYSTEM. SMOKE DAMPER TO SHUTDOWN ON ALARM CONDITION.
 - PROVIDE DUCT SMOKE DETECTOR TO CLOSE THE ASSOCIATED SMOKE DAMPER UPON DETECTION OF SMOKE. DUCT SMOKE DETECTOR SHALL BE LOCATED UPSTREAM OF THE DAMPER.
 - EXISTING EXHAUST FAN TO REMAIN. PROVIDE H-0-A MOTOR STARTER. FAN ESTIMATED TO BE 1.5 HP, 480V, 3Ø. FIELD VERIFY ACTUAL MOTOR SIZE AND FUSE ACCORDINGLY. MOTOR STARTER CONTROLLED BY A THERMOSTAT.
 - PROVIDE H-0-A MOTOR STARTER. MOTOR STARTER CONTROLLED BY A THERMOSTAT.
 - REFEED EXISTING RTU-1.
 - PROVIDE POWER CONNECTION TO HOT WATER RECIRCULATION PUMPS. FRACT HP, 120V, 1Ø.

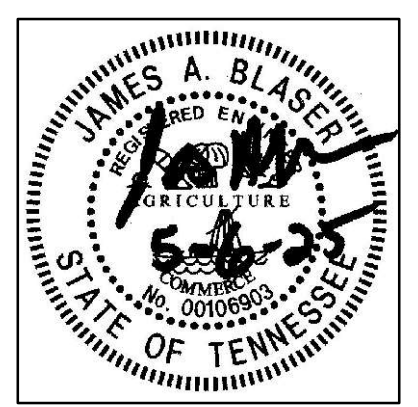
1 Systems Plan - Area "B" Second Floor
E1.8 Scale: 1/8"=1'-0"

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Revisions	Description	Date	No.



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