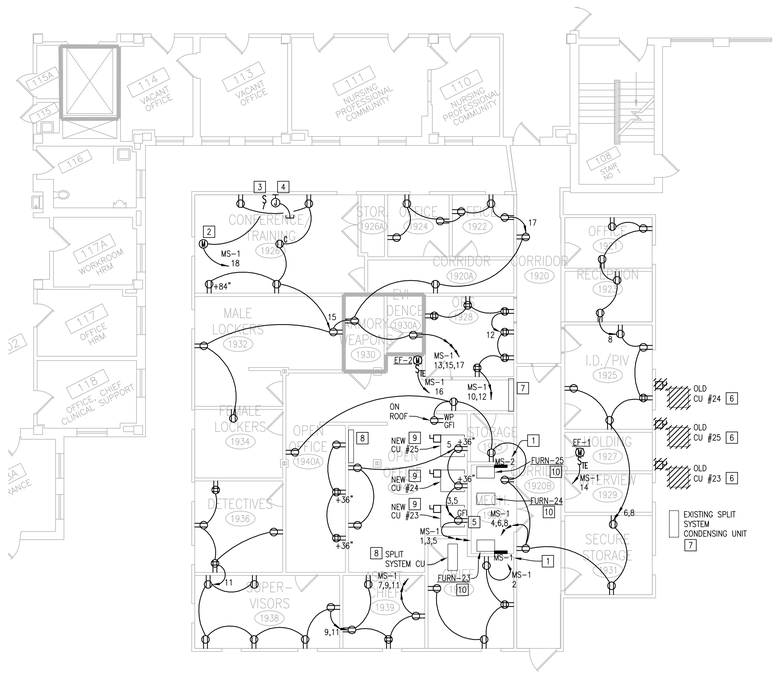
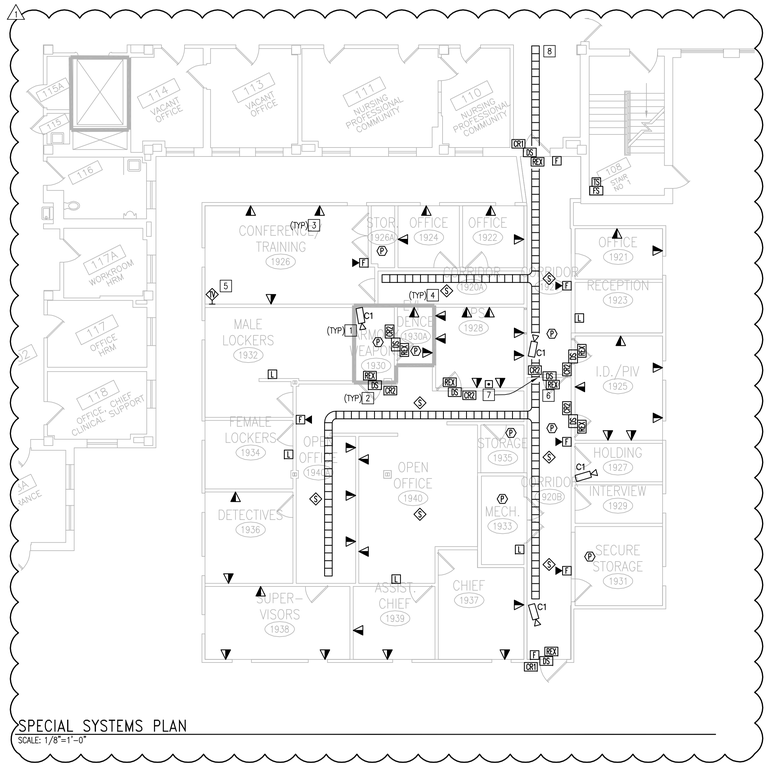
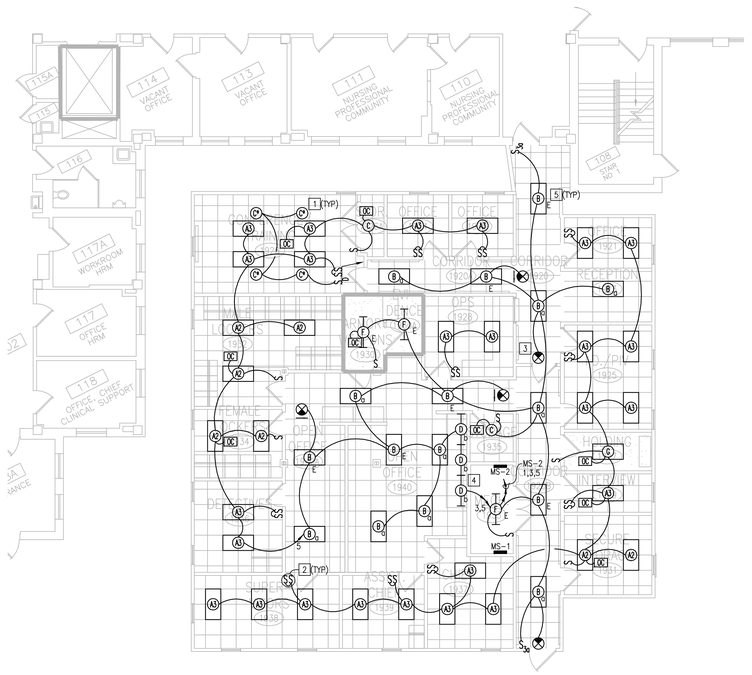


POWER PLAN
SCALE: 1/8"=1'-0"



SPECIAL SYSTEMS PLAN
SCALE: 1/8"=1'-0"



LIGHTING PLAN
SCALE: 1/8"=1'-0"

ROOM SCHEDULE

NO.	ROOM NAME
1920	CORRIDOR
1920A	CORRIDOR
1920B	CORRIDOR
1921	OFFICE
1922	OFFICE
1923	RECEPTION
1924	OFFICE
1925	I.D./PIV
1926	CONFERENCE/TRAINING
1926A	STORAGE
1927	HOLDING
1928	OPERATIONS
1929	INTERVIEW
1930	ARMORY/WEAPONS
1930A	EVIDENCE
1931	SECURE STORAGE
1932	MALE LOCKERS
1933	MECHANICAL
1934	FEMALE LOCKERS
1935	STORAGE
1936	DETECTIVES
1937	CHIEF
1938	SUPERVISORS
1939	ASSISTANT CHIEF
1940	OPEN OFFICE
1940A	OPEN OFFICE

POWER PLAN KEYED NOTES:

1. EXISTING PANEL TO REMAIN.
2. MOTORIZED PROJECTION SCREEN, SEE ARCHITECTURAL FOR ADDITIONAL INFORMATION.
3. SINGLE STATION CONTROL SWITCH, MODEL SS-1R, FOR PROJECTION SCREEN. PART NUMBER: 121001
4. 4" SQUARE RECESSED JUNCTION BOX WITH TWO 1 1/4" CONDUITS TO ABOVE CEILING (FOR FUTURE A/V CABLING).
5. DEDICATED RECEPTACLE FOR REFRIGERATOR.
6. EXISTING MECHANICAL EQUIPMENT TO BE REMOVED.
7. EXISTING MECHANICAL EQUIPMENT TO BE RELOCATED.
8. NEW LOCATION FOR SPLIT SYSTEM EQUIPMENT. REROUTE FEEDER TO NEW LOCATION. PROVIDE NEW CIRCUITING AND CONDUIT TO MATCH EXISTING AS REQUIRED. SEE MECHANICAL FOR MORE INFORMATION.
9. DISCONNECT EXISTING CONDENSING UNIT FEEDER, REROUTE FEEDER TO NEW LOCATION ON ROOF. PROVIDE NEW 30A/2P, WEATHERPROOF DISCONNECT AND TERMINATE. PROVIDE NEW CIRCUITING AND CONDUIT TO MATCH EXISTING AS REQUIRED. SEE MECHANICAL FOR MORE INFORMATION.
10. FURNACE UNIT TO BE REPLACED. PROVIDE NEW CIRCUITING AND CONDUIT AS REQUIRED. SEE MECHANICAL FOR MORE INFORMATION.

POWER PLAN GENERAL NOTES:

1. APPLIES TO POWER AND COMMUNICATIONS ETC.
   a. BACK-TO-BACK PLACEMENT OF OUTLETS BOXES NOT PERMITTED.
   b. PLUG ALL UNUSED KNOCK-OUTS IN OUTLET BOXES WITH KNOCK-OUT CAPS.
   c. PROVIDE 'HILTI' FIRESTOP PUTTY PAD OR EQUAL TO OUTLET BOXES.
   d. DEPTH OF OUTLET BOX TO BE COMPATIBLE WITH STUD SIZES IN ORDER TO ACCOMMODATE BOX PAD.
2. CIRCUIT NUMBERS ARE FOR ILLUSTRATIVE PURPOSES ONLY. VERIFY AND COORDINATE EXISTING CONDITIONS FOR FINAL CIRCUITING. UTILIZE 20/1 BREAKERS MADE SPARE BY DEMOLITION AND PROVIDE ADDITIONAL 20/1 BREAKERS IN AVAILABLE SPACE IN PANEL MS-1, AS NECESSARY.

ELECTRICAL DEMOLITION NOTES:

1. IT IS NOTED THAT THE ARCHITECTURAL DEMOLITION PLAN DEPICTS THE GENERAL INTENT OF THE SCOPE OF THE DEMOLITION WORK AND THAT NOT ALL ITEMS OF ELECTRICAL DEMOLITION ARE NECESSARILY SHOWN. THE CONTRACTOR SHALL BE REQUIRED TO FIELD VERIFY AND FIELD DETERMINE THE SCOPE OF THE DEMOLITION WORK PRIOR TO BID. REFER ALL QUESTIONS TO THE A/E PRIOR TO BID FOR CLARIFICATION.
2. ALL ELECTRICAL ITEMS INSTALLED IN WALLS, FLOORS, OR CEILINGS TO BE DEMOLISHED SHALL BE REMOVED IN THEIR ENTIRETY UNLESS OTHERWISE NOTED OR REQUIRED BY OTHER CONDITIONS IN THESE DOCUMENTS. SEE ARCHITECTURAL SHEET AE100 FOR EXTENT OF DEMOLITION WORK. ELECTRICAL ITEMS SHALL INCLUDE POWER, LIGHTING, AND SPECIAL SYSTEMS. REFER ALL QUESTIONS OF APPLICABILITY TO THE A/E PRIOR TO BID FOR CLARIFICATION; OTHERWISE, FIELD DECISIONS BY THE A/E SHALL BE BINDING.
3. PHASING OF ELECTRICAL DEMOLITION SHALL FOLLOW THAT OF THE GENERAL CONTRACTOR. COORDINATE REMOVAL OF ELECTRICAL WORK WITH OTHER CONSTRUCTION ACTIVITIES AND THE REQUIREMENTS OF THE OWNER.
4. THE OWNER SHALL HAVE SALVAGE RIGHTS TO ANY ITEMS THAT ARE TO BE DEMOLISHED. ITEMS SUCH AS SPEAKERS AND CAMERAS AND OTHER ITEMS THAT THE OWNER WISHES TO SALVAGE SHALL BE CAREFULLY REMOVED AND STORED IN A LOCATION AS DIRECTED BY THE OWNER. ALL OTHER ITEMS OF DEMOLITION SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE.
5. WHERE DEMOLITION WORK WILL INTERRUPT CIRCUIT CONTINUITY TO OTHER AREAS OF THE FACILITY THAT ARE TO REMAIN IN OPERATION, THEN RACEWAY AND WIRING SHALL BE INSTALLED TO MAINTAIN THOSE AREAS IN COMPLETE OPERATION. PROVIDE TEMPORARY CONNECTIONS AS REQUIRED. COORDINATE ANY INTERRUPTIONS WITH THE OWNER AT LEAST TWO WEEKS PRIOR AND ACCOMMODATE THE OWNER'S NEEDS AS REQUIRED.
6. ELECTRICAL CIRCUITS THAT ARE TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY. CONDUCTORS SHALL BE REMOVED FROM THE ITEM TO BE DEMOLISHED TO THE SOURCE OVERCURRENT DEVICE. RACEWAYS WHICH ARE INSTALLED IN OR BELOW FLOORS OR WITHIN WALLS MAY BE ABANDONED, BUT ALL OVERHEAD OR EXPOSED RACEWAYS SHALL BE REMOVED. EXPOSED RACEWAYS TO BE ABANDONED SHALL BE REMOVED AND SHALL BE CUT OR CHISELED AT LEAST 2" INTO THE WALL OR FLOOR AND THE OPENING GROUTED SMOOTH.
7. WHERE EXISTING DEVICE OR JUNCTION BOXES MUST REMAIN IN EXISTING WALLS OR CEILINGS (SUCH AS FOR CIRCUITS THAT MUST BE MAINTAINED TO OTHER AREAS), THEN THEY SHALL BE FITTED WITH BLANK COVERPLATES.
8. THE EXISTING FIRE ALARM SYSTEM SHALL REMAIN IN OPERATION THROUGHOUT CONSTRUCTION. AUTOMATIC SMOKE DETECTORS IN THE AREA OF CONSTRUCTION SHALL BE DISCONNECTED AND TEMPORARILY REPLACED WITH HEAT DETECTORS WHEN THE SPACE IS STAFFED BY THE CONTRACTOR IN ACCORDANCE WITH THE APPROVED FIRE SAFETY PROCEDURES OF THE OWNER AND THE LOCAL FIRE MARSHALL, BUT SHALL BE REACTIVATED WHENEVER THE SPACE IS NOT OCCUPIED BY THE CONTRACTOR. AUTOMATIC SMOKE DETECTORS SHALL BE PROTECTED FROM DUST AND DIRT ACCUMULATION BY REMOVING THE DEVICE FROM ITS BASE DURING THOSE TIMES WHEN THE SYSTEM IS ALLOWED TO BE OUT OF OPERATION.
9. IF HAZARDOUS MATERIALS (I.E. ASBESTOS, PCB's, ETC.) ARE ENCOUNTERED AT ANY TIME DURING CONSTRUCTION IN THE WORK AREA, STOP WORK IMMEDIATELY AND CONTACT THE A/E OR THE OWNER.
10. REMOVE ALL DEVICES SHOWN ON DEMOLITION PLAN UNLESS OTHERWISE NOTED.
11. REMOVE CABLING BACK TO SOURCE FOR ALL TEL/DATA OUTLETS BEING REMOVED.

SPECIAL SYSTEMS PLAN KEYED NOTES:

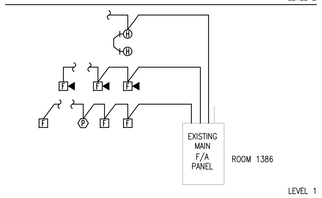
1. PROVIDE 3/4"C THAT STUBS UP INTO ACCESSIBLE CEILING AND CAT 5e FOR CAMERA. COORDINATE WITH RESIDENT ENGINEER FOR INTEGRATION WITH SECURITY SYSTEM.
2. ALL DOOR SECURITY COMPONENTS SHALL BE INSTALLED AND THE APPROPRIATE CABLES RAN FROM THE EQUIPMENT ON THE DOOR TO NEW HIRSCH M8 CONTROLLER BY SECURITY SYSTEM CONTRACTOR. COORDINATE WITH RESIDENT ENGINEER FOR M8 CONTROLLER LOCATION.
3. TELECOMMUNICATIONS OUTLET (TCO) – ROUTE A 1" CONDUIT FROM 4" SQUARE BOX WITH SINGLE GANG TRIM TO ABOVE ACCESSIBLE CEILING AND TO EXISTING CABLE TRAY. BUSH END OF CONDUIT AND SECURE TO CABLE TRAY. SEE DRAWING 3/E200 FOR TCO DETAIL AND SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
4. PROVIDE NEW PAGING SPEAKERS TO MATCH EXISTING SPEAKERS IN HOSPITAL. CONNECT NEW SPEAKERS TO EXISTING PAGING ZONE ADJACENT TO THIS ADDITION. PRIOR TO CONNECTION OF SPEAKERS CONTRACTOR SHALL VERIFY EXISTING ZONE HAS ADEQUATE CAPACITY TO ACCEPT THE ADDITIONAL SPEAKER LOAD. IF SPEAKER LOAD EXCEEDS EXISTING CAPACITY CONTRACTOR SHALL PROVIDE ADDITIONAL HEADEND EQUIPMENT AS REQUIRED FOR PROPER OPERATION. CONTRACTOR SHALL COORDINATE CONNECTION OF NEW SPEAKERS TO EXISTING DUKANE PAGING EQUIPMENT WITH OWNER. COORDINATE WITH RESIDENT ENGINEER FOR INTEGRATION WITH EXISTING SYSTEM.
5. CABLE TV OUTLET – F-CONNECTOR MOUNTED IN RECESSED BOX WITH (1) RG-6 CABLE. COORDINATE WITH RESIDENT ENGINEER FOR ORIGIN OF CABLING.
6. PROVIDE CONNECTIONS, EQUIPMENT, WIRING, ETC. FOR FIRE ALARM RELEASE MECHANISM. COORDINATE REQUIREMENTS WITH DOOR HARDWARE.
7. EMERGENCY OVERRIDE PUSH-BUTTON TO RELEASE ELECTRONIC DOOR LOCK (DOOR LOCATION INDICATED BY DASHED ARROW) IN EMERGENCY SITUATION. COORDINATE WITH SECURITY CONTRACTOR.
8. NEW BASKET TRAY FOR TELECOMMUNICATIONS CABLES. CONNECT TO EXISTING CABLE TRAY IN BUILDING 3. TERMINATE CABLES IN ROOM 1955 AND PROVIDE ADDITIONAL PATCH PANELS AS NECESSARY.

SPECIAL SYSTEMS PLAN GENERAL NOTES:

1. DEVICE BOXES SHALL NOT BE INSTALLED BACK TO BACK.
2. ALL DOOR EQUIPMENT (SEE SECURITY SCHEDULE ON SHEET E200) IS REQUIRED FOR ACCESS CONTROL. THE LIST OF DOOR EQUIPMENT IS IN COMPLIANCE, AND MATCHES THE ACCESS CONTROL POINTS THROUGHOUT THE HOSPITAL CAMPUS.

FIRE ALARM NOTES:

1. ALL NEW DEVICES SHALL BE CONNECTED TO THE EXISTING SIMPLEX 4120 SERIES FIRE ALARM SYSTEM. PROVIDE ADDITIONAL ZONE CARDS, POWER EXTENDERS, ETC. AS REQUIRED TO SUPPORT NEW DEVICES. PROVIDE ADDITIONAL NAC WITH SYNCHRONIZATION FOR NEW ANNUNCIATION DEVICES.
2. THE CONTRACTOR SHALL PROVIDE THE SERVICES OF AN AUTHORIZED REPRESENTATIVE OF THE FIRE ALARM SYSTEM MANUFACTURER TO SUPERVISE THE INSTALLATION OF THE SYSTEM INCLUDING ALL WIRING AND EQUIPMENT. THIS REPRESENTATIVE SHALL ALSO INSTRUCT THE OWNER IN THE PROPER OPERATION AND MAINTENANCE OF THE SYSTEM AND SHALL ASSIST IN THE FINAL INSPECTION OF THE SYSTEM BY THE AUTHORITY HAVING JURISDICTION.
3. ALL EQUIPMENT AND COMPONENTS SHALL BE NEW, AND THE MANUFACTURER'S CURRENT MODEL. THE MATERIALS, APPLIANCES, EQUIPMENT AND DEVICES SHALL BE TESTED AND LISTED BY A NATIONALLY RECOGNIZED APPROVAL AGENCY FOR USE AS PART OF A PROTECTED PREMISE PROTECTIVE SIGNALING (FIRE ALARM) SYSTEM.
4. ALL EQUIPMENT AND COMPONENTS SHALL BE INSTALLED IN STRICT COMPLIANCE WITH EACH MANUFACTURER'S RECOMMENDATIONS. CONSULT THE MANUFACTURER'S INSTALLATION MANUALS FOR ALL WIRING DIAGRAMS, SCHEMATICS, PHYSICAL EQUIPMENT SIZES, ETC. BEFORE BEGINNING SYSTEM INSTALLATION.
5. INSTALLATION SHALL BE IN ACCORDANCE WITH THE NEC, NFPA 72, LOCAL AND STATE CODES, AS SHOWN ON THE DRAWINGS, AND AS RECOMMENDED BY THE EQUIPMENT MANUFACTURER.
6. ALL CONDUIT, JUNCTION BOXES, CONDUIT SUPPORTS AND HANGERS SHALL BE CONCEALED IN FINISHED AREAS AND EXPOSED IN UNFINISHED AREAS. SMOKE DETECTORS SHALL NOT BE INSTALLED PRIOR TO THE SYSTEM PROGRAMMING AND TEST PERIOD. IF CONSTRUCTION IS ONGOING DURING THIS PERIOD, MEASURES SHALL BE TAKEN TO PROTECT SMOKE DETECTORS FROM CONTAMINATION AND PHYSICAL DAMAGE.
7. ALL FIRE DETECTION AND ALARM SYSTEM DEVICES, CONTROL PANELS AND REMOTE ANNUNCIATORS SHALL BE FLUSH MOUNTED WHEN LOCATED IN FINISHED AREAS AND MAY BE SURFACE MOUNTED WHEN LOCATED IN UNFINISHED AREAS.
8. UNLESS OTHERWISE SHOWN OR REQUIRED, DETECTORS INSTALLED IN FINISHED AREAS WITH CEILINGS SHALL BE COORDINATED WITH OTHER CEILING ELEMENTS FOR PROPER CLEARANCES.
9. PROVIDE THE SERVICE OF A COMPETENT, FACTORY-TRAINED ENGINEER OR TECHNICIAN AUTHORIZED BY THE MANUFACTURER OF THE FIRE, ALARM EQUIPMENT TO TECHNICALLY SUPERVISE AND PARTICIPATE DURING ALL OF THE ADJUSTMENTS AND TESTS FOR THE SYSTEM. PERFORM ALL TESTS REQUIRED BY THE APPROVING AUTHORITY.



1 E100 FIRE ALARM RISER DIAGRAM
SCALE: NONE

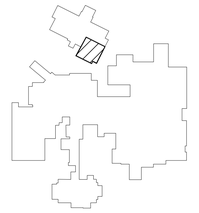
LIGHTING PLAN KEYED NOTES:

1. ASTERISK * DENOTES FIXTURE WITH DIMMING BALLAST.
2. PROVIDE 2 BALLASTS FOR INNER/OUTER LAMP SWITCHING.
3. CONNECT EXIT LIGHTS TO EXISTING EMERGENCY LIGHTING CIRCUIT IN AREA.
4. UNDER CABINET TASK LIGHT, WITH ROCKER SWITCH, SEE LIGHTING FIXTURE SCHEDULE ON SHEET E200 FOR DETAILS.
5. FOR FIXTURES DESIGNATED AS 'E' (EMERGENCY) PROVIDE EMERGENCY BATTERY PACK (SEE ORDER CODES BELOW) AND UN-SWITCHED POWER FROM CIRCUIT IN PANEL MS-2 LABELED AS EMERGENCY LIGHTING.

FIXTURE TYPE	BATTERY ORDER CODE
B	EL14
F	EL65

LIGHTING PLAN GENERAL NOTES:

1. CIRCUIT NUMBERS ARE FOR ILLUSTRATIVE PURPOSES ONLY. VERIFY AND COORDINATE EXISTING CONDITIONS FOR FINAL CIRCUITING. UTILIZE 20/1 BREAKERS MADE SPARE BY DEMOLITION AND PROVIDE ADDITIONAL 20/1 BREAKERS IN AVAILABLE SPACE IN PANEL MS-2, AS NECESSARY.



KEY PLAN
SCALE: NTS

N

4' 0 4' 8'
SCALE: 1/8"=1'-0"

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ADDENDUM NO.1	5/30/12

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Dwg. 6 of 7

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