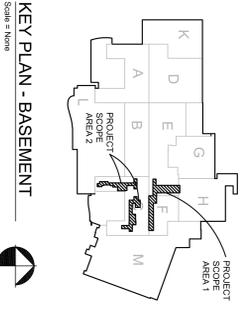


**PARTIAL BASEMENT FLOOR
POWER AND TELECOMMUNICATIONS PLAN**
AREA 1
SCALE: 1/8" = 1'-0"
0 4' 8' 16'



FIRE ALARM SYSTEM GENERAL NOTES:

- F1. ALL FIRE ALARM SYSTEM DEVICES SHALL BE CONNECTED COMPLETE TO THE EXISTING FIRE ALARM SYSTEM IN ACCORDANCE WITH ENGINEER APPROVED MANUFACTURER'S SHOP DRAWING WIRING DIAGRAMS AND DETAILS.
- F2. ALL FIRE ALARM SYSTEM CONDUITORS SHALL BE INSTALLED IN 3/4" MINIMUM SIZE CONDUIT SYSTEM.
- F3. IN GENERAL, ALL MANUAL PULL STATIONS SHALL BE INSTALLED AT 48" ABOVE FINISHED FLOOR. MANUAL PULL STATIONS SHALL BE INSTALLED WITHIN 5' OF THE EXISTING FIRE ALARM SYSTEM. MANUAL PULL STATIONS SHALL BE INSTALLED WITHIN 5' OF THE EXISTING FIRE ALARM SYSTEM. MANUAL PULL STATIONS SHALL BE INSTALLED WITHIN 5' OF THE EXISTING FIRE ALARM SYSTEM. MANUAL PULL STATIONS SHALL BE INSTALLED WITHIN 5' OF THE EXISTING FIRE ALARM SYSTEM.
- F4. ALL AUDIO/VISUAL AND VISUAL ONLY FIRE ALARM SYSTEM DEVICES SHALL BE ADA TYPE. IN ALL CASES VISUAL DEVICES SHALL BE WALL MOUNTED AT 80" ABOVE FINISHED FLOOR. VISUAL DEVICES SHALL BE LOCATED NOT MORE THAN 15' FROM THE END OF ALL CORRIDORS WITH A SEPARATION NOT GREATER THAN 10' BETWEEN DEVICES. AUDIO DEVICES SHALL BE INSTALLED THROUGHOUT THE BUILDING TO ATTAIN MINIMUM DECIBEL LEVELS REQUIRED BY CODE. VISUAL DEVICES AND AUDIO/VISUAL DEVICES SHALL BE INSTALLED AT LOCATIONS AS INDICATED ON FLOOR PLANS.
- F5. IN GENERAL, SMOKE DETECTORS SHALL BE INSTALLED ON CEILINGS WITH SPACING NOT TO EXCEED MANUFACTURER'S RECOMMENDATION.
- F6. SPRINKLER SYSTEM WATERFLOW ALARM INITIATING DEVICES SHALL BE CONNECTED COMPLETE TO THE FIRE ALARM SYSTEM.
- F7. DUCT TYPE SMOKE DETECTORS SHALL BE PROVIDED FOR ALL HVAC RETURN AIR SYSTEMS WITH DESIGN CAPACITY GREATER THAN 1000 CFM. SMOKE DETECTORS SHALL BE PROVIDED AT EACH AIR SYSTEM HAVING A DESIGN CAPACITY GREATER THAN 15000 CFM. DUCT DETECTORS SHALL BE PROVIDED AT EACH STORY. COORDINATE EXACT DETECTOR LOCATIONS AND PROVISION OF ADEQUATE DUCT LENGTHS WITH THE MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
- F8. PROVIDE ALL FIRE ALARM SYSTEM COMPONENTS NECESSARY FOR SHUT DOWN OF HVAC EQUIPMENT BY THE FIRE ALARM SYSTEM WHERE SAME IS REQUIRED.
- F9. SMOKE DETECTORS SHALL BE INSTALLED WITHIN 5'-0" OF CENTRIFUGE OF SMOKE DOORS ON HOLD-OPEN.

GENERAL NOTES:

- G1. REFER TO THE ARCHITECTURAL PLANS FOR EQUIPMENT LAYOUT. CLOSELY COORDINATE THE EXACT LOCATION OF ALL OUTLETS AND DEVICES WITH ARCHITECTURAL ELEVATIONS, ADJUST LOCATIONS AND MOUNTING HEIGHTS WHERE NECESSARY TO PREVENT INTERFERENCE WITH FURNITURE, FIXED CASEWORK, EQUIPMENT, ETC. VERIFY ALL CHANGES PRIOR TO ROUGH-IN.
- G2. REFER TO THE ARCHITECTURAL PLANS FOR REFLECTED CEILING PLAN. CLOSELY COORDINATE LOCATION OF SMOKE DETECTORS AND SPEAKERS WITH LIGHTING FIXTURES, HVAC DUCTS, DIFFUSERS, SPRINKLERS, PLUMBING, ETC. AND ADJUST LOCATIONS OF SELECTED ELECTRICAL EQUIPMENT IN ACCORDANCE WITH ENGINEER'S INSTRUCTIONS.
- G3. ALL NEW ELECTRICAL UTILITIES IN CORRIDORS SHALL BE ROUTED AS HIGH AS POSSIBLE.
- G4. REFER TO ARCHITECTURAL PLANS FOR PHASING AND CONSTRUCTION SCHEDULING NOTES.

CODED NOTES:

1. REINSTALL EXISTING CEILING MOUNTED DEVICES (SPEAKERS, SMOKE DETECTORS, ETC) AFTER MECHANICAL WORK ABOVE FINISHED CEILING IS COMPLETE AND CEILING GRID IS REINSTALLED.
2. CONNECT ALL NEW RECEPTACLES TO NEW PANEL, RCB. REFER TO ELECTRICAL ONE LINE DIAGRAM FOR ADDITIONAL INFORMATION.
3. PROVIDE DUPLEX RECEPTACLE AND COAX TV OUTLET FOR WALL MOUNTED FLAT SCREEN TV/MONITOR. PROVIDE FINISH MOUNTED JUNCTION BOX FOR ADDITIONAL SIGNAL CABLEING WITH 1'-1/4" CEILING MOUNTING HEIGHT.
4. EXISTING CABLE TRAY ABOVE FINISHED CEILING TO REMAIN. MAINTAIN EXISTING CABLEING ROUTED IN CABLE TRAY AND WORK ABOVE FINISHED CEILING OCCURS.
5. ALL NEW TOS'S SHALL TERMINATE AT EXISTING TELECOMMUNICATIONS ROOM. COORDINATE WORK WITH VA FMU DEPARTMENT (RICHARD GOSSETT 216-791-0800 X5011).
6. PROVIDE 2-GANG JUNCTION BOX AT 18" AFF AND 2-GANG JUNCTION BOX AT TV OUTLET WITH 1" CEILING MOUNTING HEIGHT WITH PULLWIRE BETWEEN BOTH BOXES AND STUBBED TO ABOVE FINISHED CEILING FOR KVV SYSTEM.
7. CONNECT AUTOMATIC DOOR TO SPARE 20A-1P BREAKER IN EXISTING PANEL, LOB3-LS.
8. OWNER WILL RETAIN WIRELESS SYSTEM SUPPLIER TO REINSTALL CEILING MOUNTED WIRELESS ANTENNA.
9. PROVIDE NEW PAGING SPEAKER TO MATCH EXISTING TYPE (COMPLETE WITH GRILL, BACKCORN, ETC) AND CONNECT TO EXISTING SYSTEM VIA 3/4" CEILING AND WIRING TO MATCH EXISTING - TYPICAL.
10. CONNECT NEW FIRE SMOKE DAMPER TO SPARE 20A-1P BREAKER IN EXISTING LIFE SAFETY PANEL, LOB3-LS-4 VIA 3/4" CEILING & 1" #12 GROUND.
11. PROVIDE 3/4" CEILING FOR POWER AND 1" CEILING FOR TV CABLE BELOW FLOOR AND UP TO ABOVE FIRST FLOOR CEILING.
12. CONNECT ALL NEW FIRE ALARM DEVICES IN BASEMENT TO EXISTING FIRE ALARM SYSTEM. PROVIDE ALL ADDITIONAL FIRE ALARM DEVICES TO BE INSTALLED IN BASEMENT TO EXISTING FIRE ALARM SYSTEM. PROVIDE ALL ADDITIONAL FIRE ALARM DEVICES TO BE INSTALLED IN BASEMENT TO EXISTING FIRE ALARM SYSTEM AND TEST FOR PROPER OPERATION.

FULLY SPRINKLERED

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