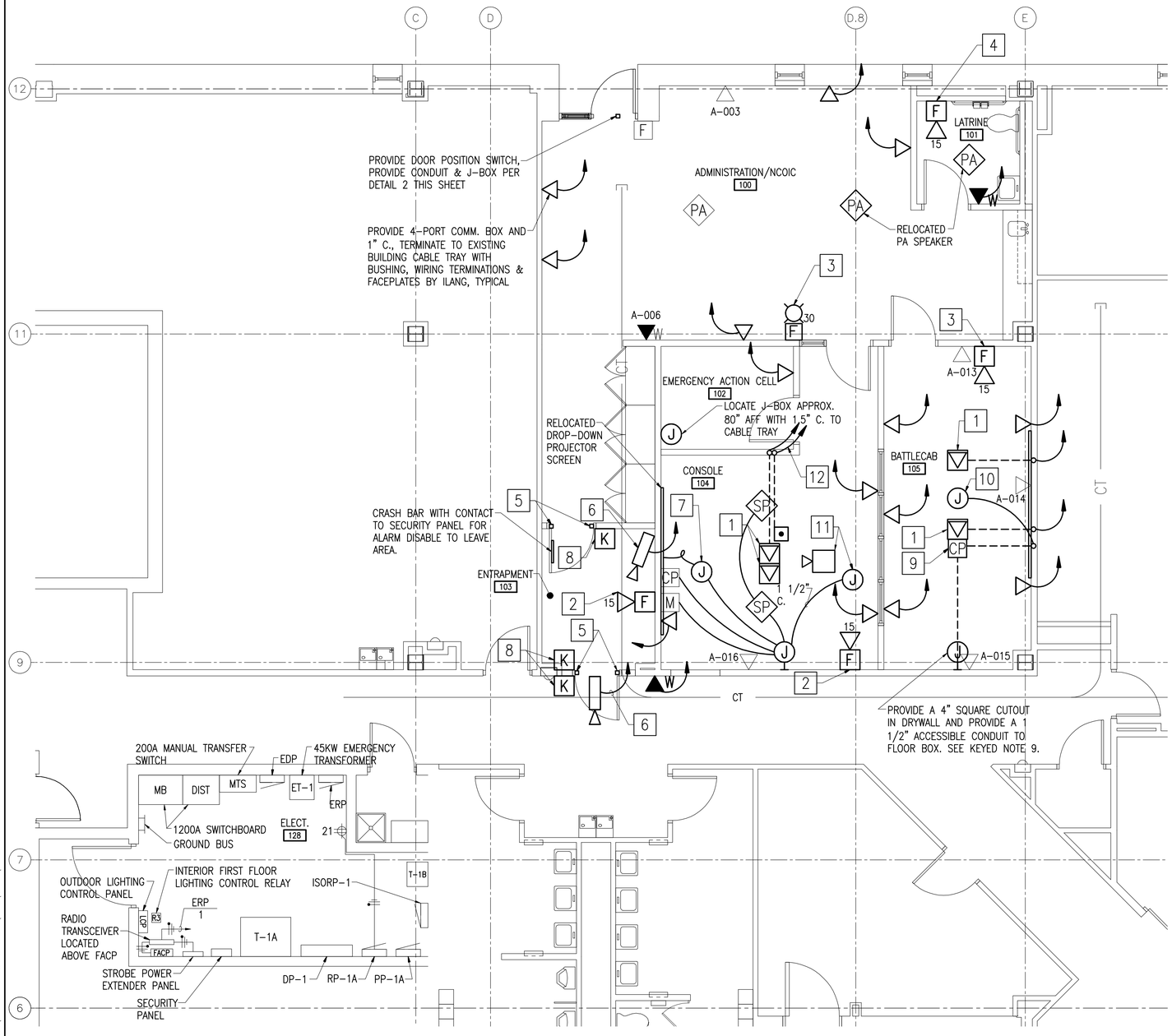


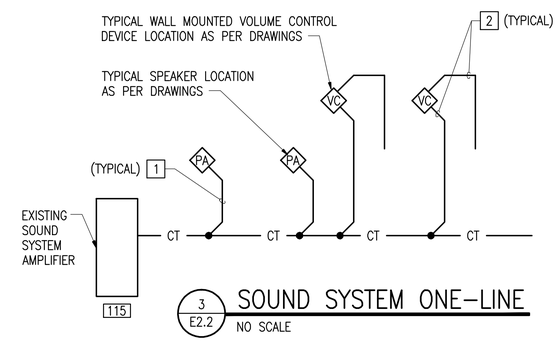
1 / E2.2 PARTIAL FIRST FLOOR SPECIAL SYSTEMS PLAN – NEW

0 2' 4' 8'

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

ELECTRICAL KEYED NOTES:

1. FLOOR MOUNTED 4-PORT COMMUNICATIONS OUTLET. UTILIZE THE SAME FLOOR BOX AS THE RECEPTACLES SHOWN ON SHEET E2.1 & PROVIDE 1" C. TO EXISTING BUILDING CABLE TRAY. TERMINATE CONDUIT TO THE TRAY WITH A BUSHING. SAW CUT FLOOR & REPAIR TO INSTALL CONDUIT SCAN FLOOR TO ENSURE THERE ARE NO OBSTRUCTIONS.
2. RELOCATE HORN/STROBE PROVIDE 3/4" C. & WIRE PER MANUFACTURERS REQUIREMENTS
3. NEW HORN/STROBE, PROVIDE 3/4" C. & WIRE PER MANUFACTURER'S REQUIREMENTS TO NEAREST STROBE CIRCUITS, VERIFY CIRCUITS NOTIFICATION APPLIANCE CIRCUIT CAPACITY.
4. RELOCATE STROBE, PROVIDE 3/4" C. & WIRE PER MANUFACTURER'S REQUIREMENTS TO NEAREST STROBE CIRCUIT.
5. DOOR CONTACT SWITCH, ELECTRIC STRIKE PROVIDED W/ DOOR PROVIDE CONDUIT TO 4" SQUARE BOX ABOVE CEILING PER DETAIL 7, THIS SHEET. WIRE & FINAL TERMINATIONS BY CONTRACTOR.
6. PROVIDE J-BOX AND 1" C. CONDUIT WITH CAT 6 CABLE TO CONSOLE AREA, FOR DIGITAL CAMERA, COORDINATE WITH ILANG FOR FINAL PLACEMENT. WIRING & FINAL TERMINATIONS BY ILANG
7. RECONNECT DROP-DOWN PROJECTOR SCREEN TO MULTIMEDIA J-BOX.
8. PROVIDE COMBINATION CARD SWIPE WITH 10 DIGIT KEYPAD COMPATIBLE WITH THE EXISTING BASE SECURITY SYSTEM. PROVIDE J-BOX & 1" C. TO SECURITY PANEL IN RM. 128. PROVIDE WIRING PER MANUFACTURER'S DIRECTION & CONNECT TO EXISTING SECURITY PANEL.
9. PROVIDE IN FLOOR COMPUTER CONNECTION OUTLET. PROVIDE 1 1/2" C. WITH VGA CABLE TO J-BOX ON WALL FOR TV CONNECTION. PROVIDE A SECOND 1 1/2" C. TO J-BOX ABOVE CEILING FOR FUTURE CONNECTION TO PROJECTOR.
10. PROVIDE 6" X 6" X 4" SQUARE J-BOX ABOVE CEILING WITH 1 1/2" C. IN FLOOR COMPUTER CONNECTION BOX. SEE KEYED NOTE 9 FOR FUTURE PROJECTOR.
11. PROJECTOR & JUNCTION BOX TO BE RELOCATED BY CONTRACTOR.
12. PROVIDE CONDUIT TO DURRESS SWITCH LOCATED UNDER TABLE IN RM. 104. PROVIDE CONDUIT TO VINDICATOR CONTROL PANEL. COORDINATE WITH MANUFACTURER FOR WIRING.

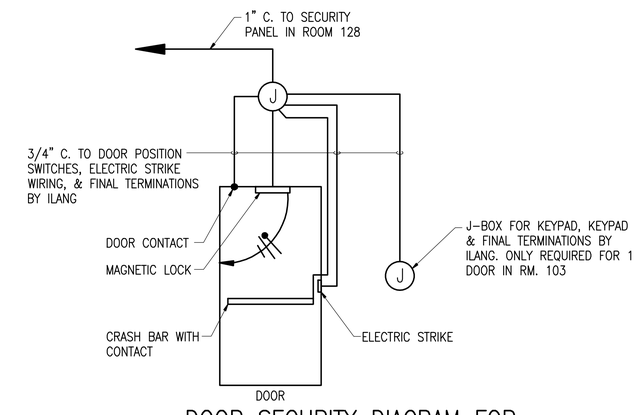


3 / E2.2 SOUND SYSTEM ONE-LINE

NO SCALE

SOUND SYSTEM ONE-LINE DIAGRAM KEYED NOTES:

1. PROVIDE INDEPENDENT HOMERUNS FROM SPEAKER TO CABLE TRAY. TYPICAL OF ALL SPEAKERS WITH NO WALL MOUNTED REMOTE VOLUME CONTROL DEVICES.
2. PROVIDE INDEPENDENT HOMERUNS FROM VOLUME CONTROL DEVICE TO CABLE TRAY. PROVIDE CONDUIT AND WIRE FROM THE LOAD SIDE OF THE VOLUME CONTROL DEVICE TO THE SPEAKER. TYPICAL OF ALL SPEAKERS WITH WALL MOUNTED REMOTE CONTROL DEVICES.
3. CONDUIT SHALL BE 3/4" UNLESS OTHERWISE NOTED. WIRE SHALL BE TWO CONDUCTOR, UNSHIELDED, 18 AWG, 4.2 OHM/M, 1/4" OVERALL DIAMETER.



2 / E2.2 DOOR SECURITY DIAGRAM FOR ROOMS 100, 103, (TYPICAL)

NO SCALE

DATE	REVISION

183rd Fighter Wing
Illinois Air National Guard

HANSON PROJECT		
FILENAME	E-202.DWG	
SCALE	1/4" = 1'-0"	
DATE	3/2/09	
LAYOUT	PJG	08/20/08
DRAWN	PJG	03/02/09
REVIEWED	RDN	01/20/09

HANSON

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Springfield, Illinois 62703-2666

ELECTRICAL SPECIAL SYSTEMS

COMMAND POST (CP) RELOCATION
183D FIGHTER WING
SPRINGFIELD, IL

E2.2

MAR 02, 2009 2:57 PM WELLS0930\03\OBS\03S140860-COMMAND POST\CADD\TYPE B1 DESIGN SERVICES\ELEC\SHEET\E-202.DWG - Work