

**KEY PLANS**

-  TELECOMMUNICATIONS ROOM
-  ELECTRICAL ROOM



**1 THIRD FLOOR PLAN - SECURITY**  
1/16"=1'-0"

**SHEET NOTES**

- 1 ACCESS CONTROL LEVEL 1. REPLACE EXISTING PROX CARD READER TO A DUAL LEVEL PROX CARD READER/PIN CODE.
- 2 ACCESS CONTROL LEVEL 1. INSTALL NEW DUAL LEVEL PROX CARD READER/PIN CODE.
- 3 ACCESS CONTROL LEVEL 2. REPLACE EXISTING PROX CARD READER TO A DUAL LEVEL PROX CARD READER/PIN CODE.
- 4 ACCESS CONTROL LEVEL 2. INSTALL NEW DUAL LEVEL PROX CARD READER/PIN CODE.
- 5 LOCATION INCLUDES 24 PORT SWITCH AND UPS
- 6 LOCATION INCLUDES 24 PORT SWITCH, UPS AND POE INJECTOR

**INSTALLATION INSTRUCTIONS**

THE CURRENT P.A.C.S. SYSTEM C.A.V.H.S. IS USING CONSISTS OF VARIOUS PRODUCTS TO MAKE A TOTAL WORKING PRODUCT. THERE ARE SPECIFIC PART NUMBERS ASSOCIATED WITH THESE PRODUCTS TO INCLUDE VERY SPECIFIC VERSIONS OF SOFTWARE. NO SUBSTITUTIONS TO THESE PARTS WILL BE ACCEPTED DURING THIS CONTRACT PERFORMANCE PERIOD UNLESS IT HAS BEEN APPROVED BY THE C.O. WHO NEEDS TO HAVE CLARIFICATION FROM THE TECHNICAL EXPERTS (ENGINEERING/EQUIPMENT REPAIR/ELECTRONICS TECHNICIAN (ET) SHOP). THE ET SHOP HAS ALSO PROVIDED A DETAILED WIRING DIAGRAM THAT SHOWS HOW THE INSTALLATION NEEDS TO BE PERFORMED SINCE AFTER THE FACT REPAIRS/TROUBLESHOOTING WILL BE CONDUCTED BY THE ET SHOP.

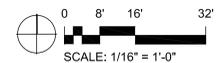
THE FOLLOWING ARE ADDITIONAL REQUIREMENTS FOR INSTALLING FOR INSTALLING THE P.A.C.S. SYSTEM:

1. ANY NEW CARD READER WILL NEED TO BE MOUNTED 45" (CENTERED) FROM THE BASE OF THE FLOOR. A LOW VOLTAGE CUT IN RING WILL BE REQUIRED TO COUNT THE READER.
2. A DATA DROP WILL BE REQUIRED TO BE INSTALLED WHEN THE M8/M2 PANEL IS NOT LOCATED IN AN O&T/IDF CLOSET TO ALLOW THE PROPER NETWORK CONNECTION.
3. A HARD WIRED CONNECTION WILL NEED TO BE PROVIDED TO BOTH THE POWER SUPPLY AND M8/M2 PANEL (NOT A PLUG IN CONNECTION). THE ELECTRICAL POWER WIRING NEEDS TO BE INSTALLED IN CONDUIT MEETING ALL ELECTRICAL CODES.
4. THE M8/M2 PANEL WILL REQUIRE SUBBED IN CONDUIT TO PROTECT ANY WIRING (DATA/ELECTRICAL) THAT IS BEING SUPPLIED FROM ABOVE THE CEILING.
5. THE POWER SUPPLY AND M8/M2 PANEL NEEDS TO HAVE A SEPARATE ELECTRICAL CIRCUIT BREAKER THAT PROVIDES THE ELECTRICAL POWER REQUIRED FOR EACH ITEM.
6. THE M8/M2 PANEL WILL BE REQUIRED TO HAVE ELECTRICAL CONDUIT CONNECTING TO THE POWER SUPPLY.
7. THE DATA WIRING (BANANA CABLE) FOR THE P.A.C.S. SYSTEM DOES NOT NEED TO BE IN CONDUIT ABOVE THE CEILING, HOWEVER J-HOOKS WILL BE USED TO KEEP THE CABLE OFF OF THE CEILING TILES.
8. THE EXPOSED WIRING FOR THE MAG LOCK, DOOR CONTACTS THAT IS FED FROM THE MOUNTING BOX (E-BOX 10106RES) NEEDS TO BE INSTALLED IN ARMORED FLEX CABLE TO PROTECT IT FROM BEING CUT OR DAMAGED.
9. THE MOUNTING BOX (E-BOX 10106RES) WILL BE USED TO ENCLOSE THE M.R.I.B. WHEN REQUIRED, TERMINAL STRIPS FOR THE WIRING, M.E.L.M., ETC. AND WHEN APPLICABLE MOUNTED ABOVE THE DROP CEILING.
10. BUILDING 159 (LAUNDRY PLANT) HAS A UNIQUE DESIGN AND LIMITED INTERNAL LOCATIONS TO SAFELY AND SECURELY MOUNT THE COMPONENTS FOR A NEW P.A.C.S. SYSTEM. THE SYSTEM WILL BE MOUNTED IN THE EQUIPMENT REPAIR (LAUNDRY TECHNICIAN'S OFFICE SPACE) TO ENSURE SECURITY OF THE SYSTEM.
11. ALL NEW INSTALLS THE FACP SHALL TIE INTO THE DOORS SO THE MAG LOCKS RELEASE DURING A FIRE ALARM. ALL WIRING BEING RAN BACK TO THE FIRE ALARM CONTROL BOX MUST BE RAN IN RED 3/4" INCH CONDUIT AND RED JUNCTION BOX COVER PLATE PER N.F.P.A.
12. ANY NEW DUAL CARD READERS WILL NEED A NEWER VERSION M.I.R.B..

**SYSTEMS LEGEND**

SYMBOL	DESCRIPTION
	INTERIOR FIXED DOME CAMERA
	INTERIOR FIXED DOME CAMERA WITH VARIFOCAAL LENSE. SEE SUBSCRIPT FOR MOUNTING REQUIREMENTS.
	EXTERIOR FIXED CAMERA WITH 180° PANORAMIC VIEWING ANGLE
	EXTERIOR FIXED CEILING MOUNTED DOME CAMERA
	EXTERIOR FIXED POLE OR WALL MOUNTED CAMERA
	EXTERIOR WALL MOUNTED PAN TILT ZOOM CAMERA
	INDICATES LOCATION OF TELECOMMUNICATIONS ROOM TO ROUTE SECURITY CABLING.
	INDICATES LOCATION OF ELECTRICAL ROOM TO ROUTE ACCESS CONTROL WIRING.
	WIRELESS ETHERNET RADIO
	COMBINATION CARD READER / KEYPAD ACCESS CONTROL DEVICE.
	SHEET NOTE TAG
	LEADER

SUBSCRIPT AS FOLLOWS:  
W = WALL MOUNTED  
X = POLE MOUNTED WITH CAMERA ARM MOUNTS



CONSTRUCTION DOCUMENTS

<p>Revisions:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50px;">Date</td> <td style="width: 50px;"> </td> </tr> </table>	Date		<p>CONSULTANTS:</p>		<p>ARCHITECT/ENGINEERS:</p> <div style="text-align: center;">  <p><b>BES DESIGN/BUILD, LLC</b> 766 Middle St. Fairhope, AL 36532 Phone: 251.990.5778 Fax: 251.990.3716</p> </div>	<p>Drawing Title</p> <p style="text-align: center;"><b>THIRD FLOOR PLAN - SECURITY</b></p> <p>Approved: Project Director</p>	<p>Project Title</p> <p style="text-align: center;"><b>IMPROVED SECURITY ACCESS CONTROL/MONITORING SYSTEM NLR</b></p> <p>Location EJT HEALTH CARE CENTER 2200 FT. ROOTS DRIVE, NORTH LITTLE ROCK, AR 72114</p> <p>Date 9/30/2017</p> <p>Drawn CSK</p> <p>Checked RCO</p>	<p>Project Number 598-16-102</p> <p>Building Number 1</p> <p>Drawing Number <b>TY132</b></p> <p>Dwg. 12 of 14</p>	<p>OFFICE OF CONSTRUCTION AND FACILITIES MANAGEMENT</p> 
Date									