



three inches = one foot
 one and one half inches = one foot
 one inch = one foot
 three quarters inch = one foot
 one half inch = one foot
 three eighths inch = one foot
 one quarter inch = one foot
 one eighth inch = one foot

A
 B
 C
 D
 E
 F

1 TECHNOLOGY RISER DIAGRAM, COPPER

- NO SCALE
- NOTES:**
- THIS RISER IS DIAGRAMATIC AND MAY NOT SHOW ACTUAL ROUTING OR QUANTITIES OF MATERIALS SHOWN. THIS RISER IS SHOWN FOR CLARIFICATION OF CONNECTION LOCATIONS AND CABLE TYPE. SEE PLANS FOR MORE SPECIFIC ROUTING INFORMATION. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. REFER TO 00TY500, 501,502 AND 504 FOR DEVICE LOCATIONS AND QUANTITIES.
 - LEGEND:
 CAT 6 OR ACCESS CONTROL CABLE
 - NETWORK SWITCHES AND CONTROL PANELS TO WHICH DEVICES ARE SHOWN CONNECTED ARE RECOMMENDATIONS AND NOT NECESSARILY THE ONLY POSSIBLE TERMINATION LOCATION. DUE TO PHYSICAL BUILDING CONNECTIONS, DEVICES MAY BE WITHIN CABLE DISTANCE LIMITATIONS OF MULTIPLE TERMINATION POINTS.
 - REFER TO DRAWING 00TY403 FOR FIBER BACKBONE CONNECTING THE VARIOUS HCs TO THE MC.

- KEYNOTES:**
- ONE TYPICAL CAMERA SHOWN, PER FLOOR, CONNECTED VIA CAT6 CABLE TO ITS ASSOCIATED NETWORK SWITCH, CAMERA POWERED POE. EXTERIOR PTZ CAMERA MAY REQUIRE ADDITIONAL CABLE FOR POWER IF POE+ IS NOT PRACTICAL. REFER TO FLOOR PLANS FOR DEVICE LOCATIONS.
 - ONE TYPICAL READER SHOWN, PER FLOOR, TO ITS ASSOCIATED DOOR CONTROL PANEL. ASSOCIATED DEVICES SUCH AS LOCK ARE NOT SHOWN FOR CLARITY. REFER TO FLOOR PLANS FOR DEVICE LOCATIONS.
 - FOUR (4) PORT HARDENED NETWORK SWITCH, LOCATED IN ENCLOSURE ADJACENT TO DOOR CONTROL PANEL. NEITHER FIBER NOR COPPER PATCH PANEL IS REQUIRED.
 - CAT 6 PATCH CABLE
 - DEVICES IN BUILDING 1 A/B, 2ND FLOOR, ARE SHOWN AS BEING ROUTED TO BUILDING 1C, 2ND FLOOR, SO AS TO REDUCE THE NUMBER OF CABLES BETWEEN FLOORS.
 - SELECT BUILDING 53 DEVICES SHALL BE ROUTED TO BUILDING 52 DUE TO IP DISTANCE LIMITATIONS. OTHER DEVICES MAY BE ROUTED THERE FOR EASE OF INSTALLATION.
 - EACH WORKSTATION SHALL INCLUDE A KEYBOARD/JOYSTICK CONTROLLER IN ADDITION TO STANDARD KEYBOARD AND MOUSE.
 - CONTRACTOR SHALL UTILIZE HDMI EXTENDERS AS REQUIRED
 - SEC-1 INTRUSION PANEL LOCATED ADJACENT TO ACCESS CONTROL PANEL
 - CAT 6 TO NETWORK OR RSS32/RS485 TO ACCESS PANEL. SEE 1/TY401.

No.	Description	Date
1	ADDENDUM #1	11/17/14
2	ADDENDUM #4	12/05/14

CONSULTANTS:

KJ ENGINEERING CONSULTANTS
 Experience you can build on
 870 SUMNER DRIVE, SUITE 104
 2110207, MUSKOGEE, OK 74403
 581-631-1174
 WWW.KJENR.COM

ARCHITECTS/ENGINEERS:

303rd Engineering Group, LLC
 Service-Disabled Veteran-Owned Small Business
 1925 ARDENVALE STREET
 ST. LOUIS, MO 63118
 PHONE: (314) 566-7382
 HTTP://WWW.303ENGINEERING.COM

Dept. of Veterans Affairs
 Jack C. Montgomery
 Medical Center
 1011 Honor Height Drive
 Muskogee, Oklahoma 74401

APPROVED: _____

APPROVED: President AF.GE. 2250

APPROVED: Energy Engineer

APPROVED: Medical Center Director

APPROVED: Safety Manager

APPROVED: Associate Director

APPROVED: Infection Control Nurse

APPROVED: Chief of Staff

APPROVED: Industrial Hygienist

REPLACE SURVEILLANCE SYSTEM

Date: 08.23.13
 Project No. 623.12.105
 Drawing No. 00 TY400
 Dwg. 29 of 122

Approved: TWC - JCMVAMC
 Checked By: DAVLAR
 Drawn By: KEIEVE

Location: Jack C. Montgomery
 VA Medical Center - Muskogee, OK

