



Office of General Services

DESIGN & CONSTRUCTION GROUP
THE GOVERNOR NELSON A. ROCKEFELLER
EMPIRE STATE PLAZA
ALBANY, NY 12242

ADDENDUM NO. 3 TO PROJECT NO. 46245

CONSTRUCTION, HVAC AND ELECTRICAL WORK PROVIDE FACILITY-WIDE CCTV/AUDIO MONITORING SYSTEM & CIVILIAN PERSONAL ALARM SYSTEM & PA SYSTEM ORLEANS CORRECTIONAL FACILITY 3531 GAINES BASIN ROAD ALBION, NEW YORK

March 17, 2026

NOTE: This Addendum forms a part of the Contract Documents. Insert it in the Project Manual. Acknowledge receipt of this Addendum in the space provided on the Bid Form.

ELECTRICAL WORK DRAWINGS

1. Revised Drawing:
 - a. Drawing E-700 noted Addendum No. 3 dated 3/12/2026, accompanies this Addendum and supersedes the same numbered previously issued drawing.

END OF ADDENDUM

Brady M. Sherlock, P.E.
Director, Division of Design
& Construction

ABBREVIATIONS

- ACP - AC POWER CONDUCTORS
- AFF - ABOVE FINISHED FLOOR
- AFG - ABOVE FINISHED GRADE
- AMP - PA AMPLIFIER
- C - CONDUIT
- CES - CAMERA EQUIPMENT SWITCH
- CFO - CAMERA OSP FIBER
- CMS - CABLE MANAGEMENT SYSTEM
- CPAS - CIVILIAN PERSONAL ALARM SYSTEM
- CPB - COMMUNICATIONS PULL BOX
- CPI - CAMERA 90W POWER INJECTOR
- CPP - COPPER PATCH PANEL
- CPS - CAMERA POWER SUPPLY
- CS - CAMERA STATION
- CSA - CAMERA STATION ACCESSORY ENCLOSURE
- CSP - COPPER SURGE PROTECTION (RACKMOUNT)
- DASU - DIGITAL ARRAY STORAGE UNIT
- DCP - LOW VOLTAGE DC POWER CONDUCTORS
- DFO - DUAL FIBER OPTIC PRE-TERMINATED JUMPER CABLE
- E - EXISTING
- ESMH - EXISTING SECURITY MAN-HOLE
- EER - ELECTRONICS EQUIPMENT RACK
- ELAN - EXTENDED DISTANCE CAT-6 NETWORK CABLE
- ETE - ELAN TERMINATION ENCLOSURE
- FMC - FIBER MEDIA CONVERTER
- FMCC - 12 FIBER MEDIA CONVERTER CHASSIS
- GRC - GALVANIZED RIGID CONDUIT
- HDR-P - HIGH DEFINITION RECEIVER-DECODER (SHU MON)
- IC - INTERCOM
- IMS - INTERCOM MASTER STATION
- IP - INTERNET PROTOCOL
- JB - JUNCTION BOX
- KCU - KEYBOARD CONTROL UNIT
- KVM - KEYBOARD VIDEO MOUSE
- LAN - CAT-6 LOCAL AREA NETWORK CABLE
- LMC - LAN MEDIA CONVERTER IN CSA AND MCE
- MCW - MASTER CONTROL WORKSTATION
- MCPS - MEDIA CONVERTER POWER SUPPLY
- MPS - MICROPHONE POWER SUPPLY
- MQC - MICROPHONE QUICK CONNECT PANEL
- NWS - NETWORK SWITCH
- OFDP - OPTICAL FIBER DISTRIBUTION PANEL
- OFS - OPTICAL FIBER FUSION SPLICE BOX
- OFMS - OPTICAL FIBER CABLE MANAGEMENT
- OFTR - OPTICAL FIBER TERMINATION RACK
- OSP - OUTSIDE PLANT
- PA - PUBLIC ADDRESS SYSTEM
- POE - POWER OVER ETHERNET/NETWORK SWITCH WITH PoE +
- PS - POWER SUPPLY
- PSP - 120V POWER SURGE PROTECTION
- RPOE - CPAS RECEIVER NETWORK SWITCH WITH PoE
- SAN - STORAGE AREA NETWORK
- SFO - SINGLE MODE FIBER
- SMH - SECURITY MAN-HOLE
- SMS - DVARMS SYSTEM MAIN SERVER
- SRC - SHEET ROCK CEILING
- SVAR - STREAMING VIDEO-AUDIO RECORDER
- UPS - UNINTERRUPTIBLE POWER SUPPLY
- VACSU - VIDEO-AUDIO CAPTURE STREAMING UNIT
- VPS - VACSU 12VDC POWER SUPPLY
- ZN/ZONE - REPORTING AREA-ZONE FOR CPAS COVERAGE

VIDEO SCHEDULE ABBREVIATION

- CNR - CORNER MOUNT
- FIX - DOME-4MP PTRZ DOME CAMERA 4.3-8.6MM LENS
- 180 - MULTI-SENSOR 4X5MP CAMERA WITH 180DEG VIEW
- 270 - MULTI-SENSOR 4X5MP CAMERA WITH 270DEG VIEW
- 360 - MULTI-SENSOR 4X5MP CAMERA WITH 360DEG VIEW
- PTRZ - REMOTE ADJUSTMENT (PAN, TILT, ROLL, ZOOM)
- PTZ - PAN, TILT AND ZOOM DOME CAMERA 40X ZOOM LENS
- *X*-CAM - CAMERA TYPE: (CNR, FIX, 180, 270, 360, PTZ) (SCHEDULES)
- CAMERA MOUNT: C=CEILING, O=OUTSIDE CORNER, P=POLE, S=STRUCTURE PENDANT, W=WALL
- C-PND - CEILING PENDANT FIXED DOME CAMERA

BUILDING CAMERA / MICROPHONE DESIGNATION

- C - CAMERA, M - MICROPHONE, V - MULTI-SENSOR VIEW (SCHEDULES)
 - 8 - DENOTES BLDG. NO. 8
 - 2 - DENOTES FLOOR OR GROUP NUMBER (SEE FLOOR DESIGNATION LIST)
 - 03 - DENOTES CAMERA NO. 3
- NOTE: BUILDING NUMBER IS EXCLUDED FROM MICROPHONE DESIGNATIONS ON PLANS

RRU EXTERIOR MICROPHONE POWER DESIGNATION

- V - VERTILINE POWER SUPPLY (MPS)
- 34 - DENOTES BLDG. NO. 34
- 1-2 - DENOTES POWER SUPPLY UNIT NUMBER
- 03 - DENOTES OUTPUT NO. 3

EXTERIOR SITE CAMERA DESIGNATION

- C - CAMERA, V - MULTI-SENSOR VIEW (SCHEDULES)
- 9 - DENOTES EXTERIOR/SITE CAMERA
- 04 - DENOTES ZONE NUMBER 04
- 16 03 - DENOTES OUTPUT NO. 16

CPAS RECEIVER DESIGNATION

- R - RECEIVER
- 8 - DENOTES BLDG. NO. 8
- 2 - DENOTES FLOOR OR ZONE NUMBER (SEE FLOOR DESIGNATION LIST)
- 03 - DENOTES RECEIVER NO. 3

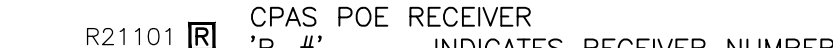
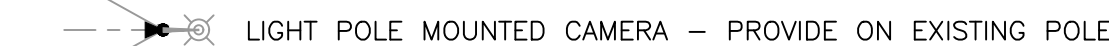
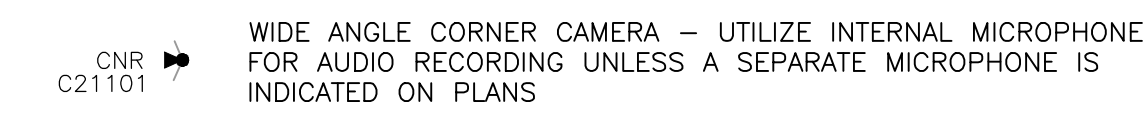
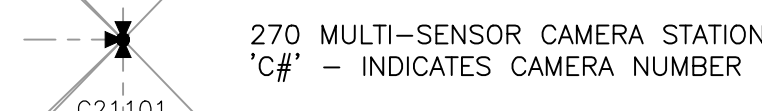
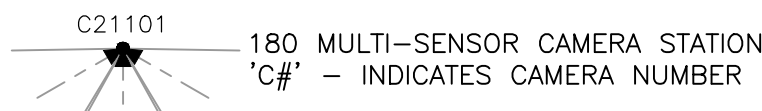
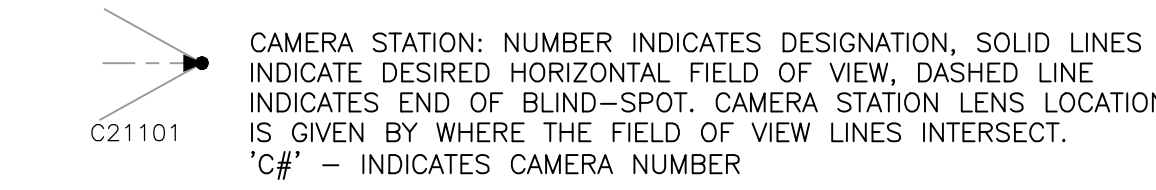
FLOOR DESIGNATION

- 0 = BASEMENT
- 1 = 1ST FLOOR
- 2 = 2ND FLOOR
- 3 = 3RD FLOOR
- 4-8 = 4TH THRU 8TH FLOOR
- 9 = EXTERIOR/OUTDOOR
- A = ATTIC
- E = ELEVATOR
- R = ROOF

LOCAL WIRING ABBREVIATIONS

- ADO = AUDIO CABLE AS SPECIFIED
- ADP = AUDIO POWER CABLE AS SPECIFIED
- ADS = AUDIO SWITCH CABLE AS SPECIFIED
- CAM = CAMERA
- EER = ELECTRONICS EQUIPMENT RACK
- LAN = CAT-6 CABLE AS SPECIFIED
- MIC = MICROPHONE
- PB = PULL BOX-COMBINES CONDUITS TO DEVICE

SYMBOL LIST



CAT-6 (LAN) CONDUIT SCHEDULE	
1-3 CABLES	3/4" C
4-6 CABLES	1" C
7-10 CABLES	1 1/4" C
11-15 CABLES	1-1/2" C
16-27 CABLES	2" C
28-42 CABLES	2-1/2" C
43-60 CABLES	3" C

NOTES:
 1. SIZING IS BASED ON .244" O.D. CAT6 LAN CABLING.
 2. REDUCE ABOVE CABLE COUNT BY 30% FOR ELAN.
 3. DO NOT FILL CONDUIT BEYOND 40% FILL.

GENERAL INSTALLATION NOTES

1. THIS AN OCCUPIED FACILITY. THE BUILDINGS WILL BE OCCUPIED AND OPERATIONAL DURING THE EXECUTION OF THE WORK OF THIS PROJECT.
2. MAINTAIN THE OPERATION OF EXISTING CAMERA STATIONS, MICROPHONES, MONITORS, EERs AND CMC ROOM EQUIPMENT THROUGHOUT THE ENTIRETY OF THE PROJECT INSTALLATION. THE EXISTING EQUIPMENT MAY ONLY BE TAKEN OFFLINE AFTER THE COMPLETION OF THE INSTALLATION AND TESTING OF THE CAMERA AND AUDIO MONITORING SYSTEM.
3. REMOVE EXISTING CAMERA AND AUDIO MONITORING SYSTEM IN ITS ENTIRETY, INCLUDING ALL EQUIPMENT, CABLING AND ABOVE GRADE PATHWAYS
4. SUBMIT SCALED SITE AND FLOOR PLAN DRAWINGS OF PROPOSED ROUTING OF ALL RACEWAYS FOR REVIEW AND APPROVAL BY THE DIRECTOR'S REPRESENTATIVE. INCLUDE:
 - 4.1. SIZES AND TYPES OF ALL RACEWAYS
 - 4.2. NUMBER AND TYPE OF CONDUCTORS IN EACH RACEWAY
 - 4.3. SIZE AND LOCATION OF ALL PULL BOXES
 - 4.4. LOCATIONS AND TYPES OF THRU-PENETRATION FIRESTOPS.
5. SUBMIT SCALED AS-BUILT SITE AND FLOOR PLAN DRAWINGS OF ACTUAL ROUTING OF ALL RACEWAYS FOR REVIEW AND APPROVAL BY THE DIRECTOR'S REPRESENTATIVE. INCLUDE:
 - 5.1. SIZES AND TYPES OF ALL RACEWAYS
 - 5.2. NUMBER AND TYPE OF CONDUCTORS IN EACH RACEWAY
 - 5.3. SIZE AND LOCATION OF ALL PULL BOXES
 - 5.4. LOCATIONS AND TYPES OF THRU-PENETRATION FIRESTOPS.
6. CAMERA STATION AIMING:
 - 6.1. IN ROOMS (OR AREAS) WHERE MULTIPLE CAMERA STATIONS ARE SHOWN, THE CAMERA STATIONS SHALL BE LOCATED AND AIMED TO PROVIDE AS MUCH SURVEILLANCE OF THE ROOM AS POSSIBLE WITHIN THE FIELD OF VIEW LIMITS OF THE CAMERAS IN THAT ROOM.
 - 6.2. IN ROOMS (OR AREAS) WHERE A SINGLE CAMERA STATION IS SHOWN, THE CAMERA STATION SHALL BE LOCATED AND AIMED TO PROVIDE AS MUCH SURVEILLANCE OF THE ROOM AS POSSIBLE WITHIN THE FIELD OF VIEW LIMITS OF THE CAMERA STATION LENS.
7. CCTV CAMERA COMPANY FIELD ADVISOR SHALL SURVEY, IDENTIFY AND MARK EACH AND EVERY CAMERA LOCATION WITH THE DIRECTOR'S REPRESENTATIVE PRIOR TO ANY INSTALLATION OF CAMERAS, CAMERA SYSTEM CONDUCTORS, AND CONDUIT. CAMERA COMPANY FIELD ADVISOR SHALL MAKE RECOMMENDATIONS AND ADJUSTMENTS AS REQUIRED TO AVOID ANY OBSTRUCTIONS AND PROVIDE THE OPTIMUM VIEW OF THE CAMERA STATION.
 - 7.1. AUDIO FIELD ENGINEER SHALL SURVEY, IDENTIFY AND MARK EACH AND EVERY MICROPHONE LOCATION WITH THE DIRECTOR'S REPRESENTATIVE PRIOR TO ANY INSTALLATION OF MICROPHONES, MICROPHONE CONDUCTORS, AND CONDUIT. MICROPHONE COMPANY FIELD ENGINEER SHALL MAKE RECOMMENDATIONS AND ADJUSTMENTS AS REQUIRED TO MAXIMIZE RECORDED SPEECH INTELLIGIBILITY.
 - 7.2. ALL MICROPHONE STATIONS SHALL BE SURFACE MOUNTED IN A CAST BOX. MICROPHONE STATIONS SHOWN ON A WALL IN THE PLANS ARE INTENDED TO BE WALL MOUNTED. MICROPHONE STATIONS NOT LOCATED ALONG A WALL ARE INTENDED TO BE CEILING MOUNTED.
8. CPAS COMPANY FIELD ADVISOR SHALL SURVEY, IDENTIFY AND MARK EACH AND EVERY RECEIVER LOCATION WITH THE DIRECTOR'S REPRESENTATIVE PRIOR TO ANY INSTALLATION OF DEVICES, SYSTEM CONDUCTORS, AND CONDUIT. CPAS COMPANY FIELD ADVISOR SHALL MAKE RECOMMENDATIONS AND ADJUSTMENTS AS REQUIRED TO PROVIDE THE OPTIMUM OPERATION OF THE CPAS SYSTEM FOR THE DEFINED ZONES.
9. SEE DIVISION 282306 "CCTV/AUDIO MONITORING EQUIPMENT" SPECIFICATION, FOR CAMERA FORMAT, HOUSING TYPE, MOUNTING AND FOCAL-LENGTH REQUIRED FOR EACH CAMERA STATION TYPE.
10. PROVIDE EXTERIOR LISTED CAMERAS AND MICROPHONES IN ALL LOCATIONS.
11. COORDINATE ALL ELEVATOR RELATED WORK WITH ELEVATOR SERVICE PROVIDER. ONLY ONE ELEVATOR MAY BE TAKEN OUT OF SERVICE AT A TIME.
12. CCTV EQUIPMENT ROOM RACKS AND ELECTRONIC EQUIPMENT RACKS (EERs) SHALL BE LOCATED SO AS TO ALLOW ACCESS TO INTERIOR OF CONSOLES VIA THE FRONT AND REAR ACCESS PANEL DOORS.
13. CONDUCTORS FOR INDIVIDUAL MICROPHONE STATIONS CAN BE COMBINED IN COMMON RACEWAYS PROVIDED THAT CONDUCTOR FILL DOES NOT EXCEED 40% CAPACITY OF RACEWAY.
14. 120 VOLT AC POWER CONDUCTORS CANNOT BE RUN IN THE SAME RACEWAY AS DATA CABLES (FIBER, LAN & ELAN).
15. CONDUCTORS FOR CAMERA STATIONS AND MICROPHONE STATIONS MAY BE COMBINED IN COMMON RACEWAYS.
16. PROVIDE ALL CABLING AND CONDUCTORS REQUIRED FOR CONNECTIONS BETWEEN EACH CAMERA STATION AND ITS ASSOCIATED EQUIPMENT IN THE EER AND THE CMC ROOM AS SHOWN ON THE CCTV ONE LINE DIAGRAMS FOR EACH BUILDING.
17. TEST & VERIFY ALL CABLING AND TERMINATIONS.
18. INSTALL FIBER & LAN CABLING IN CONTINUOUS LENGTHS FROM TERMINATION POINT TO TERMINATION POINT. LABEL ALL CABLING AT END POINTS PER ANSI/TIA-606-A.
19. INSTALL RACEWAY AND CABLING IN A NEAT AND WORKMANLIKE MANNER.
20. ALL CABLES AND CONDUCTORS SHALL BE INSTALLED IN CONDUIT UNLESS OTHERWISE NOTED. ALL CONDUITS ARE TO BE RUN CONCEALED WHERE POSSIBLE.
 - 20.1. EXCEPTION: WHERE INDICATED ON FLOOR PLANS, LOW-VOLTAGE COPPER CABLING (LAN, ADO, ADP, PA SPEAKER WIRE) MAY BE INSTALLED IN J-HOOKS ABOVE SECURITY DRYWALL, GYPSUM AND METAL-PANEL CEILINGS IN LIEU OF CONDUIT. J-HOOKS SHALL BE SPACED NO MORE THAN 4FT ON CENTER. MAXIMUM CABLE SAG BETWEEN J-HOOKS SHALL NOT EXCEED 1FT. INSTALLATION SHALL OTHERWISE COMPLY THE REQUIREMENTS OF ANSI/TIA-569, TELECOMMUNICATIONS PATHWAYS AND SPACES.
21. ALL EXPOSED CONDUITS SHALL BE INSTALLED IN RIGID METALLIC CONDUIT WITH 2-HOLE CONDUIT STRAPS AND TAMPERPROOF HARDWARE. ALL ELECTRICAL BOXES INSTALLED BELOW 10FT ABOVE FINISHED FLOOR (AFF) SHALL NOT HAVE KNOCKOUTS.
22. WHERE EXPOSED CONDUITS ARE ALLOWED, PROVIDE EXTENSION COLLARS FOR MOUNTING OF CAMERA STATIONS, AND MICROPHONE STATIONS WHERE NECESSARY.
23. FIRE-STOP ALL SPARE CONDUITS WITH A REUSABLE FIRE STOPPING PRODUCT. PRODUCT DESIGN BASE: STI-SERIES FP INTUMESCENT FIRESTOP PLUGS.
24. TEMPORARILY FIRE-STOP ALL PENETRATIONS THROUGH FIRE RATED WALLS LEFT OVERNIGHT IN ACCORDANCE WITH FACILITY PENETRATION PERMIT.
25. THE EXACT ROUTING OF ALL CONDUIT SYSTEMS MUST BE APPROVED BY THE DIRECTOR'S REPRESENTATIVE PRIOR TO INSTALLATION. SUBMIT ROUTING PLAN FOR APPROVAL.
26. ASSUME ALL PAINT IS LEAD-CONTAINING.
27. A VIDEO AND AUDIO RECORDING SYSTEM IS BEING INSTALLED IN BUILDING 11 AS PART OF EMERGENCY PROJECT #EF342. DEVICES PROVIDED IN THAT PROJECT ARE GREY-SCALE ON BUILDING 11 DRAWINGS. INTEGRATE EXISTING BUILDING 11 VIDEO AND AUDIO DEVICES INTO THIS PROJECT AS INDICATED ON PLANS AND DETAILS. PROVIDE ALL CPAS AND PA EQUIPMENT INDICATED ON PLANS. PROVIDE THREE (3) ADDITIONAL CAMERAS AS INDICATED ON BUILDING 11 PLANS AND DETAILS.



DESIGN & CONSTRUCTION

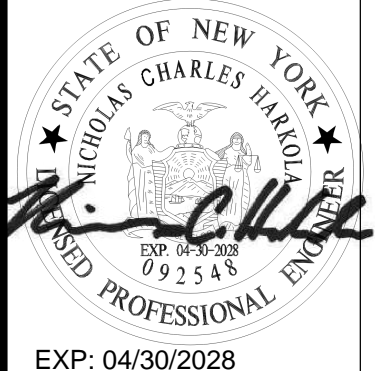
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WARNING:

IT IS A VIOLATION OF NEW YORK EDUCATION LAW ART. 145 SEC. 7209 & ART. 147 SEC. 7307, FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, PROFESSIONAL ENGINEER, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY, IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER, OR LAND SURVEYOR IS ALTERED; THE ALTERING ARCHITECT, ENGINEER, OR LAND SURVEYOR SHALL AFFIX TO THE ITEM THEIR SEAL AND NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



EXP: 04/30/2028
 CERTIFICATE OF AUTHORIZATION NUMBER: PROFESSIONAL ENGINEERING: 0021272

CONTRACT:

ELECTRICAL

TITLE: PROVIDE FACILITY-WIDE CCTV/AUDIO MONITORING SYSTEM & CIVILIAN PERSONAL ALARM SYSTEM & PA SYSTEM

LOCATION: ORLEANS CORRECTIONAL FACILITY
 3531 GAINES BASIN ROAD
 ALBION, NEW YORK

CLIENT: DEPARTMENT OF CORRECTIONS AND COMMUNITY SUPERVISION

MARK	DATE	BID DESCRIPTION
A	3/12/2026	ADDENDUM #3
	12/31/2025	BID DOCUMENT
PROJECT NUMBER:	46245 - E	
DESIGNED BY:	NCH	
DRAWN BY:	NCH	
FIELD CHECK:		
APPROVED:		
SHEET TITLE:	SECURITY SYMBOL LIST ABBREVIATIONS AND GENERAL NOTES	
DRAWING NUMBER:	E-700	