

Construction Bulletin # 01

Client: Abla Griffin Partnership
Project Name: MPS Old School Upgrades
Project Location: Moore, OK

August 14, 2025

Requested by: ☒ Owner
 ☐ Contractor:
 ☐ Salas O'Brien: Enter Name Here

Owner: Mike Abla, Clay Griffin, AGP

This Construction Bulletin is issued to:

- ☒ Offer additional information for clarification or supplemental drawings for layout assistance.
- ☐ Request cost and time impact to initiate a change to the Contract Documents. Owner approval is required, do not commence with revisions unless directed in writing. Avoid Work in areas that may be affected by proposed change until approved or rejected. Once approved, forward Change Order documentation as required by the Contract Documents.
- ☐ Direct a required change in the Contract Documents. Proceed with change(s) as indicated. Forward Change Order documentation as required by the Contract Documents.
- ☐ Response to RFI _____.

Item No.	Description	Attachment
1	Refer to drawings for changes shown in clouds and deltas.	T000
2	Refer to drawings for changes shown in clouds and deltas.	T201
3	Refer to drawings for changes shown in clouds and deltas.	T202

END OF CB-01

STRUCTURED CABLING LEGEND				
SYMBOL	DESCRIPTION	ELEVATION	BACK BOX/RACEWAY	NOTES
	WALL MOUNTED NETWORK OUTLET D#: NUMBER OF DATA DROPS IN OUTLET AP: WIRELESS ACCESS POINT	+18" AFF, UNLESS OTHERWISE NOTED	4"x4"x2 1/8" BACK BOX WITH 1-G MUD RING, 1" C	
	COMMUNICATIONS OUTLET	FIELD COORDINATE	FIELD COORDINATE	
	WALL MOUNTED NETWORK OUTLET	+44" AFF	4"x4"x2 1/8" BACK BOX WITH 1-G MUD RING, 1" C	
	WALL MOUNTED BOX FOR FUTURE USE.	+18" AFF UNO	4"x4"x2 1/8" BACK BOX WITH 1-G MUD RING, 1" C	
	FLOOR MOUNTED NETWORK OUTLET	N/A	COORDINATE WITH ELECTRICAL CONTRACTOR	FINISHED HARDWARE PROVIDED BY DIV 27
	CEILING MOUNTED NETWORK OUTLET D#: NETWORK OUTLET	ABOVE CEILING	CEILING BRACKET WITH BISCUIT BLOCK	
	CEILING MOUNTED NETWORK OUTLET FOR ACCESS POINT D#: NETWORK DROP QUANTITY	ABOVE CEILING	CEILING BRACKET WITH BISCUIT BLOCK	
NOTES: 1. #G INDICATES BACK BOX SIZE. 2. #C INDICATES CONDUIT SIZE. 3. UNO: UNLESS NOTED OTHERWISE 4. CONDUIT STUB UP AND SLEEVES SHALL HAVE A SOLID UNCU TP PLASTIC PROTECTIVE BUSHING. 5. NO CONDUITS SHALL EXCEED FOR 40% MAXIMUM FILL RATIO. CONTRACTOR TO PROVIDE ADDITIONAL CONDUITS REQUIRED.				

AUDIO/VIDEO LEGEND				
SYMBOL	DESCRIPTION	ELEVATION	BACK BOX/RACEWAY	NOTES
	WALL MOUNTED PROJECTOR AUDIO/VISUAL OUTPUT OUTLET	REFERENCE FLOOR PLANS	4 11/16"x4 11/16"x2-1/8" BACK BOX WITH DOUBLE GANG RING, TWO(2) 1.25" C	NOTE #5
	CEILING MOUNTED PROJECTOR AUDIO/VISUAL OUTPUT OUTLET	CEILING MOUNTED	N/A	NOTE #5
	WALL MOUNTED AUDIO/VIDEO INPUT OUTLET	+18" AFF UNO	4 11/16"x4 11/16"x2-1/8" BACK BOX WITH DOUBLE GANG RING, TWO(2) 1.25" C	
	WALL MOUNTED FLAT SCREEN DISPLAY AUDIO/VISUAL OUTPUT OUTLET	REFERENCE FLOOR PLAN	4"x4"x2 1/8" BACK BOX WITH 1-G MUD RING, 1" C	NOTE #5
	WALL MOUNTED FLAT SCREEN DISPLAY AUDIO/VISUAL OUTPUT OUTLET ASSOCIATED WITH AV-1 INPUT OUTLET	REFERENCE FLOOR PLAN	4 11/16"x4 11/16"x2-1/8" BACK BOX WITH DOUBLE GANG RING, TWO(2) 1.25" C	NOTE #5
	INTERACTIVE VIDEO DISPLAY AUDIO/VISUAL OUTPUT OUTLET	REFERENCE FLOOR PLAN	4 11/16"x4 11/16"x2-1/8" BACK BOX WITH DOUBLE GANG RING, TWO(2) 1.25" C	
	AV CONTROL PANEL	+48" AFF TO TOP	4"x4"x2 1/8" BACK BOX WITH 1-G MUD RING, 1" C	
	LOCAL INSTRUCTIONAL SPACE PRESENTATION SPEAKER	CEILING	CONTRACTOR PROVIDED CEILING BOX	COORDINATE POWER WITH EC
	STREAMING CAMERA	CEILING UNO	N/A	NOTE #5
NOTES: 1. #G INDICATES BACK BOX SIZE. 2. #C INDICATES CONDUIT SIZE. 3. UNO: UNLESS NOTED OTHERWISE 4. THE SYSTEM INTEGRATOR SHALL COORDINATE ALL BOX AND CONDUIT SIZE REQUIREMENTS PRIOR TO ROUGH-IN BY THE PROJECTS ELECTRICAL CONTRACTOR. 5. PROVIDE AND INSTALL ONE (1) CATEGORY CABLE TO CONNECT DEVICE TO NETWORK				

INTERCOM LEGEND				
SYMBOL	DESCRIPTION	ELEVATION	BACK BOX/RACEWAY	NOTES
	INTERCOM COMMUNICATIONS SYSTEM HEAD END UNIT.	FLOOR MOUNTED	COORDINATE WITH EC	COORDINATE POWER WITH EC.
	CEILING MOUNT INTERCOM SPEAKER, LAY-IN CEILING	CEILING	CONTRACTOR PROVIDED	
	CEILING MOUNT INTERCOM SPEAKER, HARD CEILING.	CEILING	CONTRACTOR PROVIDED	
	WALL MOUNT INTERIOR INTERCOM SPEAKER	REFERENCE FLOOR PLANS	CONTRACTOR PROVIDED	
	WALL MOUNT EXTERIOR INTERCOM SPEAKER	+10" AFF UNO	CONTRACTOR PROVIDED	
	PENDANT MOUNT INTERCOM SPEAKER	REFERENCE FLOOR PLANS	CONTRACTOR PROVIDED	
	SURFACE MOUNT INTERCOM SPEAKER, MOUNT TO STRUCTURE	CEILING	CONTRACTOR PROVIDED	
	CEILING MOUNTED EXTERIOR INTERCOM SPEAKER	CEILING	CONTRACTOR PROVIDED	
	IP BASED SPEAKER. # TO BE REPLACED WITH S, S2, S3, S4 INDICATING THE SPECIFIC TYPE OF SPEAKER.	REFERENCE FLOOR PLANS	CONTRACTOR PROVIDED	NOTE #5
	SPEAKER CONNECTED TO IP MODULE AND AMPLIFIER. # TO BE REPLACED WITH S, S2, S3, S4 INDICATING THE SPECIFIC TYPE OF SPEAKER.	REFERENCE FLOOR PLANS	CONTRACTOR PROVIDED	
	WALL MOUNTED VOLUME CONTROL	+48" AFF	4"x4"x2 1/8" BACK BOX WITH 1-G MUD RING, 1" C	
	INTERCOM CALL BUTTON	+48" AFF	4"x4"x2 1/8" BACK BOX WITH 1-G MUD RING, 1" C	
	SINGLE FACE CLOCK	90" AFF UNO.	4"x4"x2 1/8" BACK BOX WITH 1-G MUD RING, 1" C	
	DOUBLE FACE CLOCK	90" AFF UNO.	4"x4"x2 1/8" BACK BOX WITH 1-G MUD RING, 1" C	
	REMOTE PROGRAM SOURCE	DESK TOP	COORDINATE WITH EC	NOTE #5
	ADMINISTRATIVE CALL STATION.	DESK TOP	N/A	NOTE #5
NOTES: 1. #G INDICATES BACK BOX SIZE. 2. #C INDICATES CONDUIT SIZE. 3. UNO: UNLESS NOTED OTHERWISE 4. THE SYSTEM INTEGRATOR SHALL COORDINATE ALL BOX AND CONDUIT SIZE REQUIREMENTS PRIOR TO ROUGH-IN BY THE PROJECTS ELECTRICAL CONTRACTOR. 5. PROVIDE AND INSTALL ONE (1) CATEGORY CABLE TO CONNECT DEVICE TO NETWORK				

ACCESS CONTROL LEGEND				
SYMBOL	DESCRIPTION	ELEVATION	BACK BOX/RACEWAY	NOTES
	ACCESS CONTROL SYSTEM, CONTROL PANEL.	+60" AFF TO CENTER	AS REQUIRED	COORDINATE POWER. NOTE #4.
	ACCESS CONTROL PROXIMITY CARD READER. DEFAULT SYMBOL INDICATES WALL MOUNTED *M - INDICATES MULLION MOUNTED READER	+42" A.F.F.	1-G, 3/4" C	
	DOOR MOUNTED ACCESS CONTROL PROXIMITY CARD READER THAT IS INTEGRATED INTO THE DOOR HARDWARE.	+42" AFF	N/A	
	2-WAY AUDIO/VIDEO INTERCOM DOOR STATION. *DEFAULT INDICATES WALL MOUNTED *M - INDICATES MULLION MOUNTED DEVICE	+42" AFF	*W: 1-G, 3/4" C *M: 3/4" C	COORDINATE POWER. NOTE #4 & #5.
	DOOR MOUNTED, 2-WAY AUDIO/VIDEO INTERCOM DOOR STATION.	+42" AFF, FIELD COORDINATE		COORDINATE POWER. NOTE #4
	2-WAY AUDIO/VIDEO INTERCOM MASTER STATION.	DESK MOUNTED UNO		COORDINATE POWER. NOTE #4
	DOOR RELEASE BUTTON	COORDINATE WITH GC	1-G, 3/4" C	
	PIR MOTION REQUEST TO EXIT DEVICE, DOOR CONTACT AND ELECTRIC STRIKE.			ACCESS CONTROL ONLY DOOR SHALL BE SPST. DOOR WITH BOTH ACCESS CONTROL AND INTRUSION SHALL BE DPDT. ONLY 1 DOOR CONTACT PER DOOR IF DH AND DC SYMBOL ARE SHOWN
NOTES: 1. #G INDICATES BACK BOX SIZE. 2. #C INDICATES CONDUIT SIZE. 3. UNO: UNLESS NOTED OTHERWISE 4. PROVIDE AND INSTALL ONE (1) CATEGORY CABLE TO CONNECT DEVICE TO NETWORK 5. AVIGLON PART #3.0C-H4V1-ROH-R				

VIDEO SURVEILLANCE LEGEND				
SYMBOL	DESCRIPTION	ELEVATION	BACK BOX/RACEWAY	NOTES
	WALL CORNER MOUNT 4-SENSOR CAMERA	REFERENCE FLOOR PLANS	4"x4"x2 1/8" BACK BOX WITH 1-G MUD RING, 1" C	NOTE #5 AND 6
	CEILING MOUNTED 4-SENSOR CAMERA	CEILING		NOTE #5
	3-SENSOR CAMERA	CEILING UNO		NOTE #5 AND 6
	2-SENSOR CAMERA	REFERENCE FLOOR PLANS	4"x4"x2 1/8" BACK BOX WITH 1-G MUD RING, 1" C	NOTE #5
	1-SENSOR CAMERA	REFERENCE FLOOR PLANS	4"x4"x2 1/8" BACK BOX WITH 1-G MUD RING, 1" C	
	SYMBOL ADDED TO CAMERA TO INDICATE WALL MOUNT.	+9" AFF UNO		
	SYMBOL ADDED TO CAMERA TO INDICATE CORNER MOUNT.	REFERENCE FLOOR PLANS		
NOTES: 1. #G INDICATES BACK BOX SIZE. 2. #C INDICATES CONDUIT SIZE. 3. UNO: UNLESS NOTED OTHERWISE 4. THE SYSTEM INTEGRATOR SHALL COORDINATE ALL BOX AND CONDUIT SIZE REQUIREMENTS PRIOR TO ROUGH-IN BY THE PROJECTS ELECTRICAL CONTRACTOR 5. PROVIDE AND INSTALL ONE (1) CATEGORY CABLE TO CONNECT DEVICE TO NETWORK				

INTRUSION LEGEND				
SYMBOL	DESCRIPTION	ELEVATION	BACK BOX/RACEWAY	NOTES
	INTRUSION DETECTION SYSTEM CONTROL PANEL	+60" AFF	TWO(2) - 1" C TO CONTRACTOR PROVIDED BACK BOX	COORDINATE POWER WITH EC. NOTE #5
	INTRUSION DETECTION SYSTEM KEYPAD.	+48" AFF TO TOP	4"x4"x2 1/8" BACK BOX WITH 1-G MUD RING, 1" C	
	WALL MOUNTED MOTION DETECTOR *# = LR IF LONG RANGE	REFERENCE FLOOR PLAN	N/A	
	CEILING MOUNTED GLASS BREAK DETECTOR	CEILING	N/A	
	DOOR CONTACT	FLUSH MOUNTED IN DOOR FRAME	N/A	INTRUSION ONLY DOOR SHALL BE SPST. DOOR WITH BOTH ACCESS CONTROL AND INTRUSION SHALL BE DPDT. ONLY 1 DOOR CONTACT PER DOOR IF DH AND DC SYMBOL ARE SHOWN
	OVERHEAD DOOR MOUNT MAGNETIC DOOR CONTACT.	SURFACE MOUNTED ON DOOR FRAME	N/A	NOTE #4
	WIRELESS HOLD UP BUTTON & TRANSMITTER		N/A	
	SECURITY SIREN	+9" AFF UNO	SINGLE GANG BACKBOX	
NOTES: 1. #G INDICATES BACK BOX SIZE. 2. #C INDICATES CONDUIT SIZE. 3. UNO: UNLESS NOTED OTHERWISE 4. WHU REQUIRES RECEIVER. REFERENCE SECURITY SHEET SPECIFICATIONS FOR PART NUMBERS. 5. PROVIDE AND INSTALL ONE (1) CATEGORY CABLE TO CONNECT DEVICE TO NETWORK				

FIRE ALARM LEGEND	
SYMBOL	DESCRIPTION
	FIRE ALARM CONTROL
	FIRE ALARM ANNUNCIATOR PANEL
	NOTIFICATION APPLIANCE
NOTES: 1. REFERENCE SHEET SPECIFICATIONS 2. A LICENSED FIRE ALARM PLANNING SUPERINTENDENT CERTIFIED TO A MINIMUM LEVEL 3, IN THE SUBFIELD OF FIRE ALARM SYSTEMS THROUGH THE NATIONAL INSTITUTE FOR CERTIFICATION IN ENGINEERING TECHNOLOGIES (NICET), SHALL PROVIDE PLANS AND CALCULATIONS FOR A MANUAL AND AUTOMATIC FIRE DETECTION AND ALARM SYSTEM TO COMPLY WITH THE BUILDING SPACE LAYOUT, BUILDING OCCUPANCY, CURRENT NFPA 72, LOCAL AND STATE CODE REQUIREMENTS, AND THE FIRE ALARM AND DETECTION SYSTEM SPECIFICATIONS.	

SUBSCRIPTS AND ABBREVIATIONS	
TEXT	DESCRIPTION
'WP'	DEVICE SHALL BE WEATHER PROOF AND RATED FOR EXTERIOR CONDITIONS
•	NEXT TO ANY SYMBOL, INDICATES DEVICE ROUGH-IN SHALL BE ABOVE COUNTER. FINAL ROUGH-IN FIELD COORDINATION TO BY CONTRACTOR WITH ARCHITECTURAL MILLWORK DRAWINGS AND OTHER TRADES.
AFF	ABOVE FINISHED FLOOR
'UC'	DEVICE IS TO BE MOUNTED ON THE UNDERSIDE OF THE ELEVATED CANOPY.
'WM'	DEVICE IS TO BE WALL MOUNTED.
'WG'	WIRE GUARD TO BE PROVIDED AND INSTALLED TO PROTECT ASSOCIATED DEVICE.

SUBSCRIPTS LEGEND - EXISTING DEVICES	
TEXT	DESCRIPTION
'E'	EXISTING TO REMAIN.
'D'	DEVICE IS EXISTING AND IS TO BE REMOVED. CONTRACTOR TO REMOVE THE DEVICE AND RETURN TO OWNER.
'R'	REMOVE EXISTING DEVICE AND RELOCATE TO A LOCATION INDICATED ON THE DRAWINGS.

NOTES TO CONTRACTOR	
1. EVERY SYMBOL SHOWN ON LEGEND MAY NOT APPEAR ON DRAWINGS.	
2. SYSTEM INSTALLERS SHALL COORDINATE LOCATIONS AND CONNECTIONS WITH THE PROJECTS ELECTRICAL CONTRACTOR.	
3. CONTRACTOR TO PROVIDE PROPERLY GROUNDED LIGHTING PROTECTION ON ALL CABLING ENTERING AND EXITING THE BUILDING.	

RESPONSIBILITY MATRIX				
SCOPE/ITEM	RESPONSIBILITY			NOTES
COMMUNICATIONS - DIVISION 27	OFOI	CFCI	OFCI	
CATEGORY 6 STRUCTURED CABLING SYSTEM (SCS)		✓		
INTERACTIVE VIDEO DISPLAYS		✓		
BUILDING INTERCOMPA, BELL, AND CLOCK SYSTEM			✓	
→ NETWORK SWITCHES		✓		
NETWORK EQUIPMENT				
→ MDF/IDF NETWORK EQUIPMENT		✓		
→ VOIP TELEPHONES		✓		
→ WIRELESS ACCESS POINTS		✓		
→ UNINTERRUPTIBLE POWER SUPPLIES (UPS)			✓	
RACEWAY: CONDUIT, BACK BOXES, ETC.		✓		SEE NOTE 1.
ELECTRICAL POWER		✓		SEE NOTE 1.
LIFE SAFETY AND SECURITY - DIVISION 28	OFOI	CFCI	OFCI	
ACCESS CONTROL SYSTEM(ACS)		✓		
INTRUSION DETECTION SYSTEM		✓		
DOOR ACCESS VIDEO INTERCOM SYSTEM		✓		
VIDEO SURVEILLANCE SYSTEM (VSS)				
→ VSS SERVERS		✓		
→ VSS CAMERAS		✓		
→ VSS PROGRAMMING		✓		
→ VSS CABLING		✓		SEE NOTE 2.
FIRE ALARM SMOKE DETECTION WITH VOICE EVACUATION		✓		
RACEWAY: CONDUIT, BACK BOXES, SLEEVES, ETC.		✓		SEE NOTE 1.
ELECTRICAL POWER		✓		SEE NOTE 1.
OFOI - OWNER FURNISHED AND OWNER INSTALLED CFCI - CONTRACTOR FURNISHED AND CONTRACTOR INSTALLED OFCI - OWNER FURNISHED AND CONTRACTOR INSTALLED				
RESPONSIBILITY MATRIX NOTES: 1. BY DIVISION 26. 2. BY DIVISION 27.				

TECHNOLOGY SHEET INDEX	
T000	TECHNOLOGY TITLE SHEET
T001	TECHNOLOGY SITE PLAN
T101	TECHNOLOGY COMPOSITE PLANS
T201	TECHNOLOGY PLAN - FIRST FLOOR
T202	TECHNOLOGY PLAN - SECOND FLOOR
T501	TECHNOLOGY DETAILS
T502	TECHNOLOGY DETAILS
T503	TECHNOLOGY DETAILS
T504	TECHNOLOGY DETAILS
T601	TECHNOLOGY SPECIFICATIONS
T602	TECHNOLOGY SPECIFICATIONS
T603	TECHNOLOGY SPECIFICATIONS
T604	TECHNOLOGY SPECIFICATIONS

ACTIVE DAS HYBRID SYSTEM NOTE

CONTRACTOR TO PROVIDE AND INSTALL A COMPLETE AND FUNCTIONING DAS SYSTEM IN THE STORM SHELTER PORTION OF THE BUILDING.

CONTRACTOR SHALL PROVIDE AND INSTALL A CEL-FI QUATRA 4000c SYSTEM BY NEXTIVITY.

REFERENCE SHEET SPECIFICATIONS FOR PRODUCTS, INSTALLATION INSTRUCTIONS AND ADDITIONAL INFORMATION.

SAFEROOM NOTES

PER ICC 500-2014, 309.1:

PENETRATIONS THROUGH THE STORM SHELTER ENVELOPE THAT ARE LARGER THAN:

- 3.5" SQUARE INCHES IN AREA FOR RECTANGULAR OPENINGS, OR
- 2 1/16" IN DIAMETER

SHALL BE CONSIDERED AN OPENING AND SHALL BE PROVIDED WITH AN OPENING PROTECTIVE DEVICE (SHROUD). REFERENCE STRUCTURAL DRAWINGS FOR A SAMPLE SHROUD DETAIL. THIS INCLUDES PENETRATIONS FOR BUNDLES OF CONDUIT.

VIDEO SURVEILLANCE CAMERA INSTALLATION

PRIOR TO INSTALLATION OF ANY CAMERAS CONTRACTOR TO COORDINATE EXACT LOCATION OF EACH CAMERA WITH MPS SECURITY REPRESENTATIVE JACK PHILLIPS.

TECHNOLOGY PLAN KEYED NOTES

- DOOR HARDWARE SHALL BE LOCKED ON VESTIBULE SIDE AT ALL TIMES AND SHALL HAVE KEY ACCESS TO UNLOCK/LOCK ON OFFICE SIDE.
- DOOR HARDWARE SHALL BE LOCKED ON OFFICE SIDE AT ALL TIMES AND SHALL HAVE KEY ACCESS TO UNLOCK/LOCK ON HALLWAY SIDE.
- THE DESIGNATED TELEPHONE OUTLET SHALL BE RESERVED FOR THE ELEVATOR EMERGENCY CALL. CONTRACTOR TO ROUTE A CABLE FROM THE NEAREST MDF/IDF, TO THE ELEVATOR CONTROL EQUIPMENT. TERMINATE THE CABLE AT THE ELEVATOR CONTROL EQUIPMENT AND CROSS-CONNECT TO THE ELEVATOR TELEPHONE TRAVEL CABLE. COORDINATE EXACT LOCATION, TERMINATION, AND CROSS-CONNECT WITH THE ELEVATOR INSTALLER.
- THE DESIGNATED TECHNOLOGY OUTLET IS INTENDED FOR THE BUILDING AUTOMATION SYSTEM (BAS) NETWORK INTERFACE. COORDINATE EXACT MOUNTING LOCATION AND TERMINATIONS WITH THE BAS INSTALLER.
- INDICATED SIX(6) 2" CONDUIT PENETRATIONS FOR STRUCTURED CABLING, FIRE, SECURITY, INTRUSION AND INTERCOM CABLE ROUTING BETWEEN FLOORS.
- DOORS 108 TO REMAIN LOCKED. FREE EGRESS FROM CORRIDOR 113 TO VESTIBULE 101.
- WIRELESS ACCESS POINT INTENDED TO PROVIDE CONNECTIVITY TO OWNER FURNISHED AND INSTALLED CENTECIX GATEWAY.
- STRUCTURAL X-BRACING TO BE LOCATED BEHIND THIS WALL. COORDINATE CONDUIT ROUTING WITH THE ARCHITECT, STRUCTURAL, AND THE GC PRIOR TO ROUGH IN.
- REFERENCE SHEET T504 FOR PRESENTATION WALL OUTLET ELEVATIONS AND REQUIREMENTS, TYPICAL FOR ALL PRESENTATION WALLS IN PROJECT.
- INDICATED KEYPAD IS INTENDED TO DETECT AND MONITOR DOORS THAT HAVE BEEN PROPPED OPEN.
- NO BACKBOX REQUIRED FOR INDICATED CAMERA. STRUCTURED CABLING CONTRACTOR TO PROVIDE. CABLING SLACK AS REQUIRED IN SHEET SPECS TO ALLOW FOR OWNER FIELD COORDINATION ON FINAL LOCATION OF CAMERA.

TECHNOLOGY PLAN GENERAL NOTES

- A FIRE ALARM: CONNECT NEW FIRE ALARM DEVICES TO NEW SILENT KNIGHT 6820EVS. SUPPLY 6820EVS PANEL AND ALL NAC PANELS, POWER SUPPLIES, ETC. NEEDED TO MAKE A COMPLETE AN CODE COMPLIANT SYSTEM. SYSTEM SHALL USE SK PROTOCOL DEVICES ONLY. SEE SPECIFICATIONS FOR APPROVED PART NUMBERS.
- B SECURITY ALARM: CONNECT ALL NEW SECURITY ALARM DEVICES TO NEW DMP SECURITY ALARM PANEL. SUPPLY DMP PANEL AND ALL ZONE EXPANDERS, POWER SUPPLIES, ETC. NEEDED TO MAKE A COMPLETE SYSTEM. SYSTEM SHALL BE WIRED WITH 2 ZONES PER SINGLE DOOR OR DOUBLE DOOR. ONE ZONE FOR SECURITY ALARM AND ONE ZONE FOR DOOR HOLD OPEN ALERTS. SEE SPECIFICATIONS FOR APPROVED PART NUMBERS.
- C INTERCOM: INTERCOM DEVICES SHALL BE RAULAND. CONNECT ALL NEW INTERCOM DEVICES TO EXISTING RAULAND TELECENTER U IP. SUPPLY ALL MASTER CONSOLES, AMPLIFIERS, POWER SUPPLIES, MODULES, CALL BUTTONS, ETC. NEEDED TO MAKE A COMPLETE SYSTEM. SEE SPECIFICATIONS FOR APPROVED PART NUMBERS.
- D CLOCKS: CLOCKS SHALL BE DIGITAL SAPLING CLOCKS. SEE SHEET SPECIFICATIONS FOR APPROVED PART NUMBERS.
- E ACCESS CONTROL: CONNECT ALL NEW ACCESS CONTROL DEVICES TO NEW KEYSKAN CONTROLLERS. SUPPLY KEYSKAN CONTROLLERS AND ALL POWER SUPPLIES, READERS, STRIKES, ETC. NEEDED TO FURNISH A COMPLETE SYSTEM. SEE SPECIFICATIONS FOR APPROVED PART NUMBERS.
- F CAMERA: CONNECT ALL NEW CAMERAS TO NEW MDF. CAMERA SYSTEM IS AVIGILON. CONTRACTOR TO PROVIDE DELL AVIGILON SERVER IN MDF ROOM LOCATED ON 2 POST RACK. CONTACT JACK PHILLIPS WITH MOORE PUBLIC SCHOOLS @ 405-473-8225 FOR EXACT CAMERA MOUNTING LOCATIONS AND SPECIFICATIONS. SEE SPECIFICATIONS FOR APPROVED PART NUMBERS.
- G DATA: CONNECT NEW DATA, WIFI AND CAMERA NETWORK DROPS TO NEW MDF. SEE SPECIFICATIONS FOR APPROVED PART NUMBERS.



TECHNOLOGY PLAN - FIRST FLOOR
Scale: 1/8" = 1'-0"

Salas O'Brien

Oklahoma City
2900 S. Telephone Road, suite 120
Moore, OK 73160
CA# 7058 Expiration Date: 06/30/27
Salas O'Brien Project Number: 2550-01554-00

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CIVIL

KFC ENGINEERING

STRUCTURAL

SALAS O'BRIEN

MECHANICAL / ELECTRICAL

NY

drawn by

AY

checked by

FEBRUARY 2026

date

REVISIONS

Δ	DESCRIPTION	DATE
1	ADD 01	03/26/2026
2	ADD 02	04/13/2026
3	ADD 04	04/22/2026
4	CB 01	05/14/2026

MOORE
PUBLIC SCHOOLS

OLD SCHOOL
REPLACEMENT

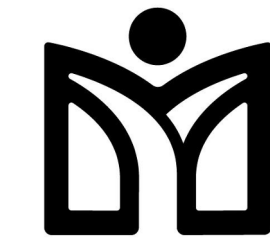
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T201

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Δ	DESCRIPTION	DATE
1	ADD 02	04/13/2026
2	ADD 04	04/22/2026
3	CB 01	05/14/2026



TECHNOLOGY PLAN GENERAL NOTES

- A FIRE ALARM: CONNECT NEW FIRE ALARM DEVICES TO NEW SILENT KNIGHT 6820EVS. SUPPLY 6820EVS PANEL AND ALL NAC PANELS, POWER SUPPLIES, ETC. NEEDED TO MAKE A COMPLETE AN CODE COMPLIANT SYSTEM. SYSTEM SHALL USE SK PROTOCOL DEVICES ONLY. SEE SPECIFICATIONS FOR APPROVED PART NUMBERS.
- B SECURITY ALARM: CONNECT ALL NEW SECURITY ALARM DEVICES TO NEW DMP SECURITY ALARM PANEL. SUPPLY DMP PANEL, AND ALL ZONE PANDERS, POWER SUPPLIES, ETC. NEEDED TO MAKE A COMPLETE SYSTEM. SYSTEM SHALL BE WIRED WITH 2 ZONES PER SINGLE DOOR OR DOUBLE DOOR. ONE ZONE FOR SECURITY ALARM AND ONE ZONE FOR DOOR HOLD OPEN ALERTS. SEE SPECIFICATIONS FOR APPROVED PART NUMBERS.
- C INTERCOM: INTERCOM DEVICES SHALL BE RAULAND. CONNECT ALL NEW INTERCOM DEVICES TO EXISTING RAULAND TELECENTER U.I.P. SUPPLY ALL MASTER CONSOLES, AMPLIFIERS, POWER SUPPLIES, MODULES, CALL BUTTONS, ETC. NEEDED TO MAKE A COMPLETE SYSTEM. SEE SPECIFICATIONS FOR APPROVED PART NUMBERS.
- D CLOCKS: CLOCKS SHALL BE DIGITAL SAPLING CLOCKS. SEE SHEET SPECIFICATIONS FOR APPROVED PART NUMBERS.
- E ACCESS CONTROL: CONNECT ALL NEW ACCESS CONTROL DEVICES TO NEW KEYSCAN CONTROLLERS. SUPPLY KEYSCAN CONTROLLERS AND ALL POWER SUPPLIES, READERS, STRIKES, ETC. NEEDED TO FURNISH A COMPLETE SYSTEM. SEE SPECIFICATIONS FOR APPROVED PART NUMBERS.
- F CAMERA: CONNECT ALL NEW CAMERAS TO NEW MDF. CAMERA SYSTEM IS AVIGILON. CONTRACTOR TO PROVIDE DELL AVIGILON SERVER IN MDF ROOM LOCATED ON 2 POST RACK. CONTACT JACK PHILLIPS WITH MOORE PUBLIC SCHOOLS @ 405-473-5225 FOR EXACT CAMERA MOUNTING LOCATIONS AND SPECIFICATIONS. SEE SPECIFICATIONS FOR APPROVED PART NUMBERS.
- G DATA: CONNECT NEW DATA, WIFI AND CAMERA NETWORK DROPS TO NEW MDF. SEE SPECIFICATIONS FOR APPROVED PART NUMBERS.

VIDEO SURVEILLANCE CAMERA INSTALLATION

PRIOR TO INSTALLATION OF ANY CAMERAS CONTRACTOR TO COORDINATE EXACT LOCATION OF EACH CAMERA WITH MPS SECURITY REPRESENTATIVE JACK PHILLIPS.

TECH ENLARGED PLAN GENERAL NOTES

- A ALL RACK LOCATIONS SHALL BE COORDINATED WITH THE PROJECTS TECHNOLOGY CONSULTANT AND OWNER PRIOR TO INSTALLATION. NO RACKS AND/OR ASSOCIATED CABLE TRAY SYSTEM SHALL BE PERMANENTLY INSTALLED PRIOR TO DOCUMENTED ACCEPTANCE.
- B PATCH PANEL QUANTITY SHALL BE DETERMINED BY STATION CABLE DROP COUNTS SHOWN ON TECHNOLOGY PLANS AND THE ASSOCIATED PROJECT MATRIX. ENSURE PATCH PANEL QUANTITY IS SUFFICIENT TO SUPPORT THE NUMBER OF PORTS REQUIRED BY TECHNOLOGY PLANS PLUS AN ADDITIONAL 25% FOR FUTURE GROWTH.
- C CONTRACTOR SHALL NOT MOUNT EXCEED MORE THAN A 50% RACK FILL RATIO ON ANY RACK.
- D REFERENCE SPECIFICATIONS FOR MATERIALS AND METHODS
- E ALL RACKS, LADDER TRAYS, LIGHTNING PROTECTION ENCLOSURES AND ANY OTHER DEVICES, PART OF THE STRUCTURED CABLING SYSTEM, SHALL BE GROUNDED TO A GROUND BUS BAR LOCATED IN THE TELECOMMUNICATIONS ROOM WITH A #6AWG GROUND CABLE. DAISY CHAINING WILL NOT BE ACCEPTED. ALL ITEMS SHALL HAVE A DEDICATED GROUND CABLE TO BUS BAR. GROUND CABLE SHALL BE GREEN IN COLOR.

TECH ENLARGED PLAN KEYED NOTES

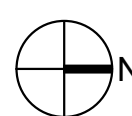
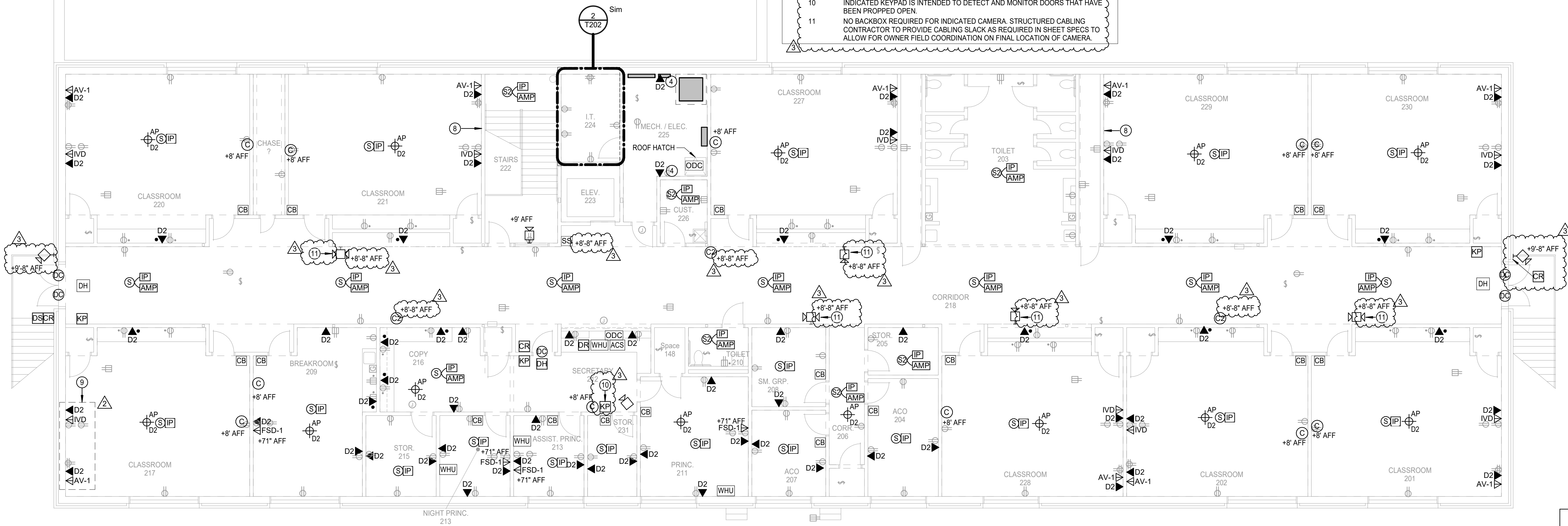
- 1 INDICATES THE LOCATION OF A 8' TALL, 3/4" FIRE RATED PLYWOOD CONTRACTOR TO PROVIDE AND INSTALL PLYWOOD AND ALL REQUIRED MOUNTING HARDWARE. PLYWOOD SHALL BE PAINTED WHITE WITH FIRE RATED PAINT. TYPICAL FOR ALL SHOWN ON DRAWING.
- 2 INDICATES THE LOCATION OF A NEW WALL MOUNTED TELECOMMUNICATION GROUND BUS BAR (TGBB). CABLING CONTRACTOR TO PROVIDE BUS BAR AND ALL REQUIRED MATERIAL TO MOUNT AT THE LOCATION SHOWN. TGBB TO BE MOUNTED AT +83" A.F.F.
- 3 INDICATES WHERE ALL BELOW GRADE CONDUITS SHALL STUB UP IN THIS ROOM. CONDUITS SHALL STUB EVENLY AT +8" AFF. PROVIDE PROTECTIVE BUSHINGS ON ALL CONDUITS AND SEAL ALL USED AND UNUSED UPON COMPLETION OF THE PROJECT.
- 4 PROVIDE AND INSTALL ONE (1) 7X6", FRONT AND REAR MANAGED, VERTICAL CABLE MANAGER (BLACK IN COLOR). CABLE MANAGERS SHALL BE INSTALLED ON EACH END OF THE RACK SYSTEMS AND BETWEEN EACH RACK. CABLE MANAGERS SHALL HAVE A SINGLE, SOLID, FULL HEIGHT HINGED DOOR IN THE FRONT AND WIDE SPACED CABLE RINGS WITH SPIN-OPEN LATCHES IN THE REAR. TYPICAL FOR ALL SHOWN IN THE ENTIRE PROJECT.
- 5 PROVIDE AND INSTALL ONE (1) 2-POST, FLOOR MOUNTED, 7 RELAY RACK (BLACK IN COLOR). PROVIDE BONDING WASHERS, BOLTS, AND NUTS AT ALL MECHANICALLY CONNECTED LOCATIONS OF THE RACK TO ENSURE THAT ALL PIECES OF THE RACK ARE COMPLETELY BONDED. SCRAPING PAINT FROM RACKS TO MAKE A BOND WILL NOT BE ACCEPTED. ALL RACK MOUNTED COMPONENTS SHALL BE MOUNTED WITH BONDING SCREWS AND THE CONTRACTOR SHALL PROVIDE THE OWNER WITH (50) ADDITIONAL BONDING SCREWS FOR THE INSTALLATION OF OWNER EQUIPMENT. NO DAISY CHAINING GROUNDS FROM RACK TO CABLE TRAY OR TO OTHER RACKS WILL BE ACCEPTED. ALL GROUNDS SHALL BE HOME RUN TO THE TELECOMMUNICATIONS GROUND BUS BAR (TGBB). TYPICAL FOR ALL SHOWN ON THE ENTIRE PROJECT.
- 6 PROVIDE AND INSTALL A 12" WIDE, UNIVERSAL LADDER TRAY AND ALL REQUIRED MOUNTING HARDWARE. LADDER TRAY SHALL BE BLACK IN COLOR. TYPICAL FOR ALL SHOWN ON ENTIRE PROJECT.
- 7 CONTRACTOR TO PROVIDE AND INSTALL ONE(1) NETWORK CONNECTION TO INDICATED PANEL.
- 8 APPROXIMATE LOCATION OF DAS NEXTIVITY CEL-FI QUATRA 4000C NETWORK UNIT. CONTRACTOR TO PROVIDE AND INSTALL A DEDICATED 120V CONNECTION. CONTRACTOR TO ALSO PROVIDE ONE(1) NETWORK CONNECTION TO THE NETWORK UNIT FOR SYSTEM MONITORING AND MANAGEMENT. COORDINATE FINAL MOUNTING HEIGHT WITH OWNER AND MANUFACTURER INSTALLATION INSTRUCTIONS.

TECHNOLOGY PLAN KEYED NOTES

- 1 DOOR HARDWARE SHALL BE LOCKED ON VESTIBULE SIDE AT ALL TIMES AND SHALL HAVE KEY ACCESS TO UNLOCK/LOCK ON OFFICE SIDE.
- 2 DOOR HARDWARE SHALL BE LOCKED ON OFFICE SIDE AT ALL TIMES AND SHALL HAVE KEY ACCESS TO UNLOCK/LOCK ON HALLWAY SIDE.
- 3 THE DESIGNATED TELEPHONE OUTLET SHALL BE RESERVED FOR THE ELEVATOR EMERGENCY CALL. CONTRACTOR TO ROUTE A CABLE FROM THE NEAREST MD/IDF, TO THE ELEVATOR CONTROL EQUIPMENT. TERMINATE THE CABLE AT THE ELEVATOR TELEPHONE TRAVEL CABLE. COORDINATE EXACT LOCATION, TERMINATION, AND CROSS-CONNECT WITH THE ELEVATOR INSTALLER.
- 4 THE DESIGNATED TECHNOLOGY OUTLET IS INTENDED FOR THE BUILDING AUTOMATION SYSTEM (BAS) NETWORK INTERFACE. COORDINATE EXACT MOUNTING LOCATION AND TERMINATIONS WITH THE BAS INSTALLER.
- 5 INDICATED SIX(6) 2" CONDUIT PENETRATIONS FOR STRUCTURED CABLING, FIRE, SECURITY, INTRUSION AND INTERCOM CABLE ROUTING BETWEEN FLOORS.
- 6 DOORS 108 TO REMAIN LOCKED. FREE EGRESS FROM CORRIDOR 113 TO VESTIBULE 101.
- 7 WIRELESS ACCESS POINT INTENDED TO PROVIDE CONNECTIVITY TO OWNER FURNISHED AND INSTALLED CENTEGIX GATEWAY.
- 8 STRUCTURAL X-BRACING TO BE LOCATED BEHIND THIS WALL. COORDINATE CONDUIT ROUTING WITH THE ARCHITECT, STRUCTURAL, AND THE GC PRIOR TO ROUGH IN.
- 9 REFERENCE SHEET T504 FOR PRESENTATION WALL OUTLET ELEVATIONS AND REQUIREMENTS. TYPICAL FOR ALL PRESENTATION WALLS IN PROJECT.
- 10 INDICATED KEYPAD IS INTENDED TO DETECT AND MONITOR DOORS THAT HAVE BEEN PROPPED OPEN.
- 11 NO BACKBOX REQUIRED FOR INDICATED CAMERA. STRUCTURED CABLING CONTRACTOR TO PROVIDE CABLING SLACK AS REQUIRED IN SHEET SPECS TO ALLOW FOR OWNER FIELD COORDINATION ON FINAL LOCATION OF CAMERA.

2 TECHNOLOGY ENLARGED PLAN - I.T. 226 - MDF

Scale: 1/2" = 1'-0"



1 TECHNOLOGY PLAN - SECOND FLOOR

Scale: 1/8" = 1'-0"