

FLOOR PLAN NOTES

1. DIMENSIONS INDICATED ARE TO FACES OF CMU/STUD/STRUCTURE MATERIALS AND GRID LINES (TYPICAL), UNLESS NOTED OTHERWISE.
 2. WHERE DOORS IN METAL STUD/GYPSUM BOARD PARTITIONS ARE NOT SPECIFICALLY LOCATED ON THE PLANS WITH DIMENSION STRINGS, PROVIDE A MINIMUM HINGE-SIDE JAMB DIMENSION OF 6" FROM DOOR OPENING TO ADJACENT PERPENDICULAR WALLS. WHERE DOORS APPEAR TO BE CENTERED WITHIN CORRIDORS, LOCATE THE DOORS IN THE CENTER OF THE CORRIDOR.
 3. ALL PARTITIONS ARE PARTITION TYPE S3 UNLESS INDICATED OTHERWISE. PARTITION TYPES CONTINUE AROUND CORNERS UNLESS INDICATED OTHERWISE.
 4. PROVIDE SHEET STEEL BLOCKING AT ALL AREAS FOR OWNER OR CONTRACTOR FURNISHED EQUIPMENT.
 5. PROVIDE SEALANT AT ALL CONCRETE SLAB TO WALL INTERSECTIONS.

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Page 1 of 1

| MARK | DESCRIPTION | DATE | APPR |
|------|---------------------------------------|------------|------|
| 19 | RFI-049, REVISIONS | 10.02.2025 | |
| 18 | ASI-001 | 09.26.2025 | |
| 14 | RFI-037, REVISIONS | 08.18.2025 | |
| 7 | BIDDING QUESTION REVISIONS, ROUND 2 | 01.24.2025 | |
| 2 | BUILDING DEPARTMENT COMMENTS: ROUND 1 | 09.25.2024 | |

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| OCTOBER 29, 2023 | |
| R | CONSULTANTS PROJECT # |
| | SOLICITATION NO.: |
| | CONTRACT NO.: |
| | FILE NUMBER: |
| ATE: | 3 M |

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|---------------------------------------------------------|--|---------------------|--------------------|-------------------------|------------------------------------------|------------------------|
| D2C PROJECT NUMBER: 202207 | | DRAWN BY: Author | CKD BY: Checker | PLOT DATE: 1/28/2026 | PLOT SCALE: 4:10:35 P As indicated | FILE NAME: 22'x 34" |
| <p>100%</p> <p>CONSTRUCTION DOCUMENTS</p> | | | | | | |

**FALCON - SHERIFF
SUBSTATION**
662 ROYAL COUNTY DOWN RD. FALCON, COLORADO 80831

**OVERALL FLOOR PLAN, FIRST
FLOOR**

**SHEET
IDENTIFICATION
A-101**

REFLECTED CEILING PLAN LEGEND

| | | | | | | | | | | | | | | |
|--|-----------------------------|--|--|--|--|-------------------------------------|--|--|--|--|--|--|--|----------------------|
| | HVAC SUPPLY DIFFUSER | | | | | INCANDESCENT RECESSED LIGHTING | | | | | | | | TRACK LIGHTING |
| | HVAC RETURN AIR GRILLE | | | | | INCANDESCENT SURFACE MOUNT LIGHTING | | | | | | | | PARKING LOT LIGHTING |
| | RECESSED FLUORESCENT | | | | | INCANDESCENT WALL MOUNTED LIGHTING | | | | | | | | HYDRANT |
| | SURFACE MOUNTED FLUORESCENT | | | | | PENDANT LIGHT | | | | | | | | UTILITY POLE |
| | | | | | | | | | | | | | | SPEAKER |
| | | | | | | | | | | | | | | SMOKE DETECTOR |

REFLECTED CEILING PLAN NOTES

1. ALL CEILINGS ARE TO BE 9'-0" ABOVE FINISH FLOOR, UNLESS NOTED OTHERWISE.
 2. SPEAKERS, SMOKE DETECTORS, AND HEAT DETECTORS ARE TO BE CENTERED WITHIN CEILING ELEMENTS. CENTER ALL CEILING MOUNTED ITEMS IN ACOUSTICAL PANELS, IN GYPSUM BOARD SOFFITS, AND BETWEEN OTHER CEILING MOUNTED FIXTURES (TYPICAL).
 3. ALL GYPSUM BOARD SOFFITS ARE TO BE HELD BACK A MINIMUM OF 2" FROM THE FACE OF ADJACENT MASONRY COLUMN OR PILASTER.
 4. SPRINKLER HEADS ARE TO BE CENTERED WITHIN CEILING ELEMENTS, ACOUSTICAL CEILING PANELS, AND BETWEEN OTHER CEILING MOUNTED FIXTURES.
 5. COORDINATE ACCESS PANEL LOCATIONS WITH LOCATIONS OF OTHER CEILING MOUNTED APPURTENANCES.
 6. REFER TO ELECTRICAL AND MECHANICAL DRAWINGS FOR FIXTURE TYPES.
 7. REFER TO MILLWORK DRAWINGS AND DETAILS FOR LIGHTING INCLUDED IN MILLWORK CONSTRUCTION.
 8. GYPSUM BOARD CEILINGS UP TO AN 8'-9" SPAN MAY BE FRAMED WITH 3 5/8" 25 GAUGE METAL STUDS SPACED 24" O.C.; AND GYPSUM BOARD CEILINGS OVER 8'-9" AND UP TO 10'-9" SPAN MAY BE FRAMED WITH 3 5/8" 25 GAUGE METAL STUDS SPACED 16" O.C. - CROSS BRACE TOP OF STUDS WITH 1 5/8" 25 GAUGE METAL STUDS 48" O.C. GYPSUM BOARD CEILINGS OVER 10'-9" SPAN SHALL BE FRAMED WITH SUSPENDED METAL GRILLAGE - HOLD GRILLAGE 1" CLEAR OF PARTITIONS AND INSTALL METAL EDGE AT PERIMETER OF GYPSUM CEILING BOARD.
 9. SOUND ISOLATION PARTITIONS SHALL BE SEALED AIRTIGHT FOR FULL HEIGHT TO PREVENT PASSAGE OF AIRBORNE SOUND. TAPE AND FINISH ALL GYPSUM BOARD JOINTS AND FASTENERS. PROVIDE SEALANT AT PERIMETER AND AT ALL PENETRATIONS.
 10. PAINTING EXPOSED AREAS INCLUDES STRUCTURAL STEEL AND HVAC DUCTS.
 11. PROVIDE EXPOSED DUCTWORK TIGHT TO STRUCTURE ABOVE UNLESS NOTED OTHERWISE.
 12. CLOUD REFERS TO A SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM HAVING EDGE STRIPS IN LIEU OF COMING INTO CONTACT WITH A WALL.
 13. REFER TO A-001 FOR RCP LEGEND.
 14. ALL EXPOSED, UNFINISHED STRUCTURE, MEPF, AND IT, TO BE PAINTED TO MATCH CEILING.

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| MARK | DESCRIPTION | DATE | APPR |
|------|--------------------|------------|------|
| 16 | RFI-033, REVISIONS | 09.04.2025 | |
| 13 | RFI-031, REVISIONS | 08.13.2025 | |
| 12 | RFI-029, REVISIONS | 08.13.2025 | |
| 5 | BIDDING REVISIONS | 12.13.2024 | |

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|-----------------------------|-------------------------|
| OCTOBER 29, 2025 | |
| ISSUE DATE. | |
| D2C PROJECT NUMBER | |
| 202207 | |
| CONSULTANTS PROJECT # | |
| DRAWN BY: Author | CKD BY: Checker |
| SBMT BY: Approver | PLOT DATE: 1/28/2026 |
| PLOT SCALE: As indicated | |
| SIZE: 22" x 34" | FILE NAME: 100% |
| SOLICITATION NO.: | |
| CONTRACT NO.: | |
| FILE NUMBER: | |

100%

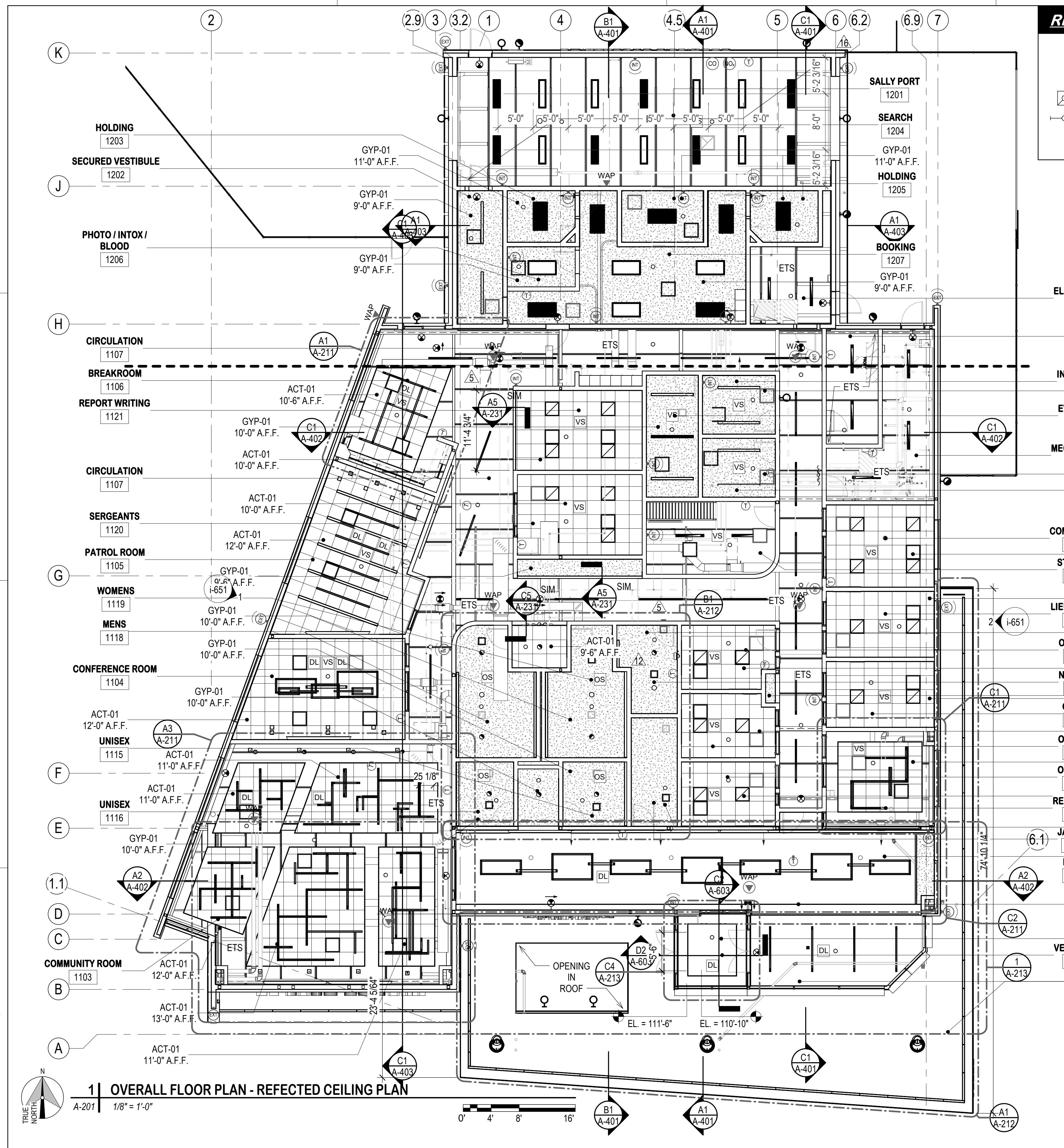
**CONSTRUCTION
DOCUMENTS**

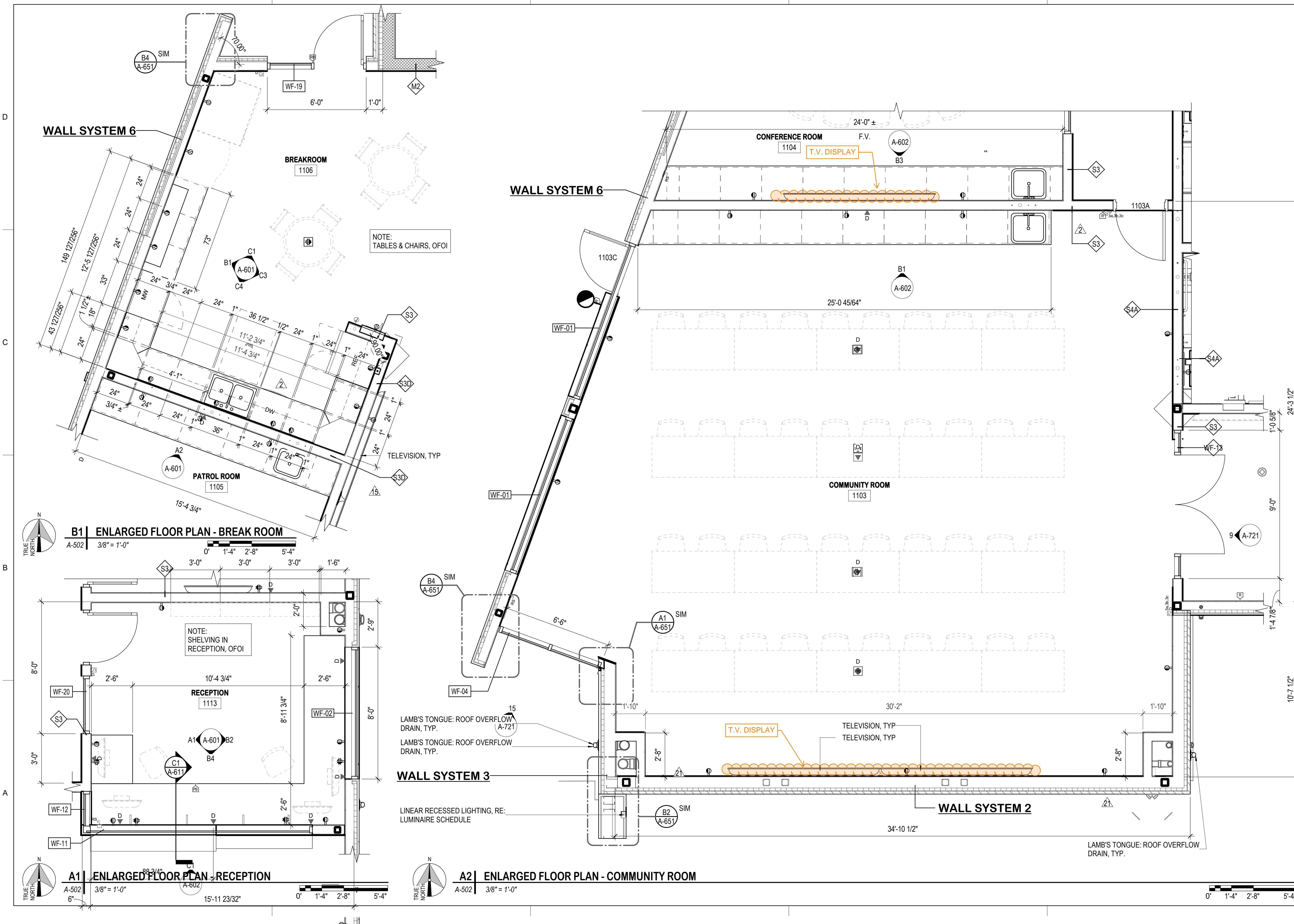
EL PASO COUNTY SHERIFF'S DEPARTMENT
**FALCON - SHERIFF
SUBSTATION**

2062 ROYAL COUNTY DOWN RD. FALCON, COLORADO 80831

**OVERALL REFLECTED CEILING
PLAN - FIRST FLOOR**

**SHEET
IDENTIFICATION
A-201**







| GENERAL NOTES (THIS SHEET) | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 1. SEE SHEET E001 AND E002 FOR LEGEND AND ADDITIONAL GENERAL NOTES. | |
| 2. MAKE ALL FINAL ELECTRICAL CONNECTIONS TO EQUIPMENT REQUIRING ELECTRICAL CONNECTION. THIS SHALL INCLUDE BUT NOT BE LIMITED TO ALL MECHANICAL AND OTHER EQUIPMENT INCLUDED IN THIS PROJECT. | |
| 3. PROVIDE FUSES SIZED PER EQUIPMENT MANUFACTURER'S REQUIREMENTS. | |
| 4. DISCONNECT SWITCH LOCATIONS ARE SHOWN DIAGRAMMATICALLY AND SHALL BE INSTALLED IN ACCESSIBLE LOCATION TO SUIT EQUIPMENT AND SPACE. DISCONNECT SWITCHES SHALL BE WITHIN SIGHT OF THE EQUIPMENT THEY SERVE AND MOUNTED AT 6'-3" MAXIMUM, TO TOP OF CABINET. MAINTAIN NEC WORK SPACE AND REQUIREMENTS. | |
| 5. RECEPTACLES INDICATED TO BE MOUNTED ABOVE COUNTER ARE TO BE MOUNTED HORIZONTALLY 6" ABOVE COUNTER. COORDINATE MOUNTING HEIGHTS WITH ARCHITECT WHERE ABOVE COUNTER RECEPTACLES ARE LOCATED BELOW WINDOWS. | |
| 6. COORDINATE AND VERIFY EXACT MOUNTING LOCATIONS OF WALL AND FLOOR DEVICES WITH ARCHITECTURAL ELEVATIONS, AND ANY FURNITURE OR SPECIALTY EQUIPMENT SUPPLIER DRAWINGS PRIOR TO ROUGH-IN. | |
| 7. COORDINATE EXACT REQUIREMENTS AND LOCATIONS OF MECHANICAL EQUIPMENT WITH MECHANICAL DRAWINGS AND MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN. | |
| 8. REFER TO TELECOM DRAWINGS AND SPECIFICATIONS FOR LOW-VOLTAGE SYSTEMS INFRASTRUCTURE REQUIREMENTS. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONDUITS AND BACKBOXES REQUIRED FOR LOW-VOLTAGE SYSTEMS. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONDUIT PATHWAYS TO ENSURE THAT STRUCTURED CABLING SYSTEMS ARE ROUTED TO THE PROPER MDF/IDF LOCATIONS. | |
| 9. LOW VOLTAGE, POWER, AND LIGHTING CONDUIT WHERE STRUCTURE IS EXPOSED SHALL BE RUN ABOVE THE STRUCTURAL BEAMS WHERE APPLICABLE. | |
| 10. ALL NEW CIRCUITRY RACEWAYS OR CABLES TO BE INSTALLED CONCEALED WHERE POSSIBLE. WHERE SURFACE EXPOSED, RACEWAYS ARE REQUIRED, THEY SHALL BE CONDUIT, PAINTED TO MATCH SURFACE THEY ARE MOUNTED TO. THE USE OF EXPOSED METAL CABLE IS NOT PERMITTED. | |
| 11. PROVIDE DEDICATED NEUTRAL/GROUND CONDUCTOR FOR EACH INDIVIDUAL BRANCH CIRCUIT. SHARING OF NEUTRAL/GROUND CONDUCTORS AMONG SINGLE PHASE BRANCH CIRCUITS OF DIFFERENT PHASES INSTALLED IN THE SAME RACEWAY IS NOT PERMITTED. | |

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| D2C ARCHITECTS | |
| BranchPattern | |
| Phone: 800-200-9160 www.branchpattern.com PROJECT NUMBER: 997009 BETTER BUILT ENVIRONMENTS | |
| AS1001-1R1 10/29/2024 | |
| AS1001-1R2 10/29/2024 | |
| AS1001-1R3 10/29/2024 | |
| AS1001-1R4 10/29/2024 | |
| AS1001-1R5 10/29/2024 | |
| AS1001-1R6 10/29/2024 | |
| AS1001-1R7 10/29/2024 | |
| AS1001-1R8 10/29/2024 | |
| AS1001-1R9 10/29/2024 | |
| AS1001-1R10 10/29/2024 | |
| AS1001-1R11 10/29/2024 | |
| AS1001-1R12 10/29/2024 | |
| AS1001-1R13 10/29/2024 | |
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| AS1001-1R130 10/29/2024 | |
| AS1001-1R131 10/29/2024 | |
| AS1001-1R132 10/29/2024 | |
| AS1001-1R133 10/29/2024 | |
| AS1001-1R134 10/29/2024 | |
| AS1001-1R135 10/29/2 | |

SYMBOL TYPES

NOTE: THIS IS A MASTER SYMBOLS LIST. ALL SYMBOLS, ABBREVIATIONS, ETC, MAY NOT NECESSARILY BE USED ON ALL DRAWINGS

TELECOM SYMBOLS

| | | | | | | | |
|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|  XX | TELECOM DATA DEVICE MOUNTED ON WALL. XX INDICATES TYPE. REFER TO SCHEDULE BELOW FOR DEVICE INFORMATION. |  XX | TELECOM DATA DEVICE MOUNTED ON FLOOR. XX INDICATES TYPE. REFER TO SCHEDULE BELOW FOR DEVICE INFORMATION. |  XX | TELECOM DATA DEVICE MOUNTED ON CEILING. XX INDICATES TYPE. REFER TO SCHEDULE BELOW FOR DEVICE INFORMATION. |  XX | TELECOM ANALOG DEVICE MOUNTED ON WALL. XX INDICATES TYPE. REFER TO SCHEDULE BELOW FOR DEVICE INFORMATION. |
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AUDIOVISUAL SYMBOLS

| | | | | | | | |
|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
|  XX | AV DEVICE MOUNTED ON WALL. XX INDICATES TYPE. REFER TO SCHEDULE BELOW FOR DEVICE INFORMATION. |  XX | AV DEVICE MOUNTED ON FLOOR. XX INDICATES TYPE. REFER TO SCHEDULE BELOW FOR DEVICE INFORMATION. |  XX | AV DEVICE MOUNTED ON CEILING. XX INDICATES TYPE. REFER TO SCHEDULE BELOW FOR DEVICE INFORMATION. |  XX | AV/CAMERA MOUNTED ON WALL. XX INDICATES TYPE. REFER TO SCHEDULE BELOW FOR DEVICE INFORMATION. |
|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|

SECURITY SYMBOLS

| | | | | | | | |
|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
|  XX | SECURITY DEVICE MOUNTED ON WALL. XX INDICATES TYPE. REFER TO SCHEDULE BELOW FOR DEVICE INFORMATION. |  XX | SECURITY DEVICE MOUNTED ON FLOOR. XX INDICATES TYPE. REFER TO SCHEDULE BELOW FOR DEVICE INFORMATION. |  XX | SECURITY DEVICE MOUNTED ON CEILING. XX INDICATES TYPE. REFER TO SCHEDULE BELOW FOR DEVICE INFORMATION. |  XX | SECURITY CAMERA MOUNTED ON WALL. XX INDICATES TYPE. REFER TO SCHEDULE BELOW FOR DEVICE INFORMATION. |
|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|

| SYSTEM TYPE | MOUNTING TYPE | TYPE | DESCRIPTION | MOUNTING | INFRASTRUCTURE BOX | INFRASTRUCTURE CONDUIT | COUNT |
|-------------|---------------|------|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-------|
| AUDIOVISUAL | WALL | J1 | DISPLAY - SHARED BOX FOR POWER, DATA, AND AV | 5'-0" AFF. CENTERLINE OF JUNCTION BOX SHALL BE INSTALLED 18" OFF OF GROUND. CENTERLINE OF JUNCTION BOX TO PROVIDE A MINIMUM OF 4" OF CLEARANCE BETWEEN TV MOUNT | LEGEND EVOLUTION SERIES P# EFSB4 | (1) 1-1/4" STUBBED TO ACCESSIBLE CEILING | |
| AUDIOVISUAL | WALL | J2 | AV CONTROLS JUNCTION BOX | 18" AFF | 4-11/16" SQUARE WITH 1-DEVICE MUD RING, FLUSH MOUNTED, 2-1/8" DEEP BACK BOX | (1) 1-1/4" STUBBED TO ACCESSIBLE CEILING | 19 |
| SECURITY | CEILING | INT | INTERIOR NETWORK CAMERA | - | 4-11/16" SQUARE WITH 1-DEVICE MUD RING, FLUSH MOUNTED, 2-1/8" DEEP BACK BOX | (1) 1-1/4" C STUBBED INTO NEAREST ACCESSIBLE CEILING | 1 |
| SECURITY | WALL | EXT | EXTERIOR NETWORK CAMERA | 8'-0" AFF | 4-11/16" SQUARE WITH 1-DEVICE MUD RING, FLUSH MOUNTED, 2-1/8" DEEP BACK BOX | (1) 1-1/4" C STUBBED INTO NEAREST ACCESSIBLE CEILING | 10 |
| SECURITY | WALL | INT | INTERIOR NETWORK CAMERA | 8'-0" AFF | 4-11/16" SQUARE WITH 1-DEVICE MUD RING, FLUSH MOUNTED, 2-1/8" DEEP BACK BOX | (1) 1-1/4" C STUBBED INTO NEAREST ACCESSIBLE CEILING | 20 |
| SECURITY | WALL | J3 | EMERGENCY BUTTON | 3'-10" AFF | 4-11/16" SQUARE WITH 1-DEVICE MUD RING, FLUSH MOUNTED, 2-1/8" DEEP BACK BOX | (1) 3/4" C STUBBED INTO NEAREST ACCESSIBLE CEILING | 2 |
| SECURITY | WALL | J4 | VISUAL INDICATOR | 8'-0" AFF | 4-11/16" SQUARE WITH 1-DEVICE MUD RING, FLUSH MOUNTED, 2-1/8" DEEP BACK BOX | (1) 3/4" C STUBBED INTO NEAREST ACCESSIBLE CEILING | 2 |
| SECURITY | WALL | PB | PANIC BUTTON | 8" BELOW COUNTER | JUNCTION BOX IN WALL, 6" BELOW COUNTER. WI 1/4" SS FLEX TO SURFACE MOUNTED BUTTON. MOUNT BUTTON 6" FROM FRONT OF COUNTER | (1) 3/4" C STUBBED INTO NEAREST ACCESSIBLE CEILING | 3 |
| SECURITY | WALL | R | CARD READER | 3'-10" AFF | 4-11/16" SQUARE WITH 1-DEVICE MUD RING, FLUSH MOUNTED, 2-1/8" DEEP BACK BOX | (1) 1/2" C STUBBED INTO NEAREST ACCESSIBLE CEILING | 21 |
| SECURITY | WALL | RM | CARD READER, MULLION MOUNT | 3'-10" AFF | N/A. GROMMETED HOLE THROUGH MULLION | (1) 1/2" C DROPPED 1" INTO MULLION ROUTED VERTICALLY WITH A 90° BEND ATTACHED TO DECK (SEE DETAILS). | 1 |
| TELECOM | CEILING | WAP | NETWORK OUTLET IN CEILING FOR WIRELESS ACCESS POINT | - | REFER TO SPECIALTY BACK BOX REQUIREMENTS IN KEY NOTES ON T-101. | (1) 1" C TO ACCESSIBLE CEILING SPACE | 7 |
| TELECOM | FLOOR | D | NETWORK DATA OUTLET IN FLOOR BOX | - | REFER TO ELECTRICAL DOCUMENTS | (1) 1-1/4" C TO ACCESSIBLE CEILING SPACE OR NEAREST TELECOM ROOM | 8 |
| TELECOM | WALL | D | NETWORK DATA OUTLET | 1'-6" AFF | 4-11/16" SQUARE WITH 1-DEVICE MUD RING, FLUSH MOUNTED, 2-1/8" DEEP BACK BOX | (1) 1-1/4" C STUBBED INTO NEAREST ACCESSIBLE CEILING | 70 |
| TELECOM | WALL | TV | NETWORK TELECOM OUTLET FOR DISPLAY | 5'-0" AFF | 4-11/16" SQUARE WITH 1-DEVICE MUD RING, FLUSH MOUNTED, 2-1/8" DEEP BACK BOX | (1) 1-1/4" C STUBBED INTO NEAREST ACCESSIBLE CEILING | 19 |
| TELECOM | WALL | WAP | NETWORK OUTLET FOR WALL MOUNT WIRELESS ACCESS POINT | 8'-0" AFF | 4-11/16" SQUARE WITH 1-DEVICE MUD RING, FLUSH MOUNTED, 2-1/8" DEEP BACK BOX | (1) 1" C TO ACCESSIBLE CEILING SPACE | 2 |

D2C
ARCHITECTS

Phone: 800-200-9160
www.branchstarm.com
PROJECT NUMBER: 997009
BETTER BUILT ENVIRONMENTS

| | |
|-------------------------|---------------------------|
| ISSUE DATE: 12/1/2024 | CONSOLIDATED PROJECT NO.: |
| DRAWN BY: AH | SPONSORSHIP NO.: |
| SUPERVISED BY: MA | CONFIRMED NO.: |
| FILE NUMBER: 1234567890 | FILE NUMBER: |

ISSUE FOR BID SET

EL PASO COUNTY SHERIFF'S DEPARTMENT
FALCON - SHERIFF
SUBSTATION
15802 ROYAL COUNTY DR, FALCON, CO 80831
TECHNOLOGY SYMBOL LEGEND

SHEET
IDENTIFICATION
T-001

D

C

B

A

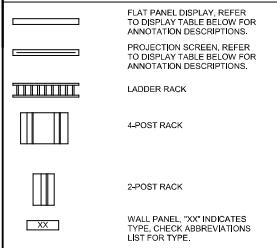
RESPONSIBILITY MATRIX

| SYSTEM | SCOPE DESCRIPTION | SPECIFICATION SECTION | FURNISHED BY | INSTALLED BY | ABBREVIATIONS |
|-------------------------|-----------------------------------------------------------------------|-----------------------|-----------------|-----------------|-------------------------------------------------------------------------------------------------------------|
| ALL LOW-VOLTAGE SYSTEMS | BACKBOXES AND CONDUIT | DIVISION 26 | CONTRACTOR | CONTRACTOR | AC ABOVE COUNTER AFF ABOVE FINISHED FLOOR |
| | GROUNDING BUSBAR | DIVISION 26 | CONTRACTOR | CONTRACTOR | C CONDUIT CFCI CONTRACTOR FURNISHED AND CONTRACTOR INSTALLED |
| | GROUND AND BONDING TO EQUIPMENT | N/A | OWNER'S VENDOR | OWNER'S VENDOR | CFCI CONTRACTOR FURNISHED AND OWNER INSTALLED |
| | DISCONTINUOUS PATHWAYS (J-HOOKS, RINGS) CONTINUOUS PATHWAYS (TRAY) | N/A | OWNER'S VENDOR | OWNER'S VENDOR | (E) EXISTING EF ENTRANCE FACILITY ER EQUIPMENT ROOM |
| COMMUNICATIONS | CABLING | N/A | OWNER'S VENDOR | OWNER'S VENDOR | GND GROUND |
| | FACEPLATES, CABLE TERMINATIONS AND TESTING | N/A | OWNER'S VENDOR | OWNER'S VENDOR | IG ISOLATED GROUND |
| | LAN RACKS, ENCLOSURES, LADDER TRAY | N/A | OWNER'S VENDOR | OWNER'S VENDOR | LAN LOCAL AREA NETWORK LC LUCENT CONNECTOR |
| NETWORK ACTIVE DEVICES | WIRELESS ACCESS POINTS (WAPS) | N/A | OWNER | OWNER'S VENDOR | Mbps MEGABITS PER SECOND MM MULTIMODE |
| | NETWORK SWITCHES | N/A | OWNER | OWNER | OFCl OWNER FURNISHED AND CONTRACTOR INSTALLED OFOI OWNER FURNISHED AND OWNER INSTALLED |
| | SERVERS / COMPUTERS / PHONES | N/A | OWNER | OWNER | OSI OUTSIDE CABLE PLANT |
| AV | UPS AND PDU | N/A | OWNER | OWNER | PBB PRIMARY BONDING BUSBAR PvE POWER OVER ETHERNET PvE+ POWER OVER ETHERNET PLUS |
| | CABLING, FACEPLATES, CABLE TERMINATIONS AND TESTING | N/A | OWNER'S VENDOR | OWNER'S VENDOR | RU RACK UNIT (1.75') |
| | RACKS, ENCLOSURES, HOUSINGS | N/A | OWNER'S VENDOR | OWNER'S VENDOR | QTY QUANTITY |
| ELECTRONIC SECURITY | AV EQUIPMENT | N/A | OWNER'S VENDOR | OWNER'S VENDOR | SSB SECONDARY BONDING BUSBAR SEF SERVICE ENTRANCE FACILITY SM SINGLE MODE |
| | ACCESS CONTROL SYSTEM | N/A | OWNER'S VENDOR | OWNER'S VENDOR | TIA TELECOMMUNICATIONS INDUSTRY ASSOCIATION TYP TYPICAL |
| | VIDEO SURVEILLANCE SYSTEM | N/A | OWNER'S VENDOR | OWNER'S VENDOR | UG UNDERGROUND UNO UNLESS OTHERWISE NOTED UPC UNPLUGGABLE POWER SUPPLY UTP UNSHELDDED TWISTED PAIR |
| VIDEO INTERCOM SYSTEM | VIDEO INTERCOM SYSTEM | N/A | NOT IN CONTRACT | NOT IN CONTRACT | W/WITH W/W WITHOUT WAO WORK AREA OUTLET WAP WIRELESS ACCESS POINT |
| | INTRUSION DETECTION SYSTEM | N/A | NOT IN CONTRACT | NOT IN CONTRACT | XC CROSS-CONNECT |

ABBREVIATIONS

| | |
|--------|-----------------------------------------------|
| AC | ABOVE COUNTER |
| AFF | ABOVE FINISHED FLOOR |
| C | CONDUT |
| CFCI | CONTRACTOR FURNISHED AND CONTRACTOR INSTALLED |
| (E) | EXISTING |
| EF | ENTRANCE FACILITY |
| ER | EQUIPMENT ROOM |
| GND | GROUND |
| IG | ISOLATED GROUND |
| LAN | LOCAL AREA NETWORK |
| LC | LUCENT CONNECTOR |
| Mbps | MEGABITS PER SECOND |
| MM | MULTIMODE |
| OFCl | OWNER FURNISHED AND CONTRACTOR INSTALLED |
| OFOI | OWNER FURNISHED AND OWNER INSTALLED |
| OSI | OUTSIDE CABLE PLANT |
| PBB | PRIMARY BONDING BUSBAR |
| PvE | POWER OVER ETHERNET |
| PvE+ | POWER OVER ETHERNET PLUS |
| RU | RACK UNIT (1.75') |
| QTY | QUANTITY |
| SSB | SECONDARY BONDING BUSBAR |
| SEF | SERVICE ENTRANCE FACILITY |
| SM | SINGLE MODE |
| TIA | TELECOMMUNICATIONS INDUSTRY ASSOCIATION |
| TYP | TYPICAL |
| UG | UNDERGROUND |
| UNO | UNLESS OTHERWISE NOTED |
| UPC | UNPLUGGABLE POWER SUPPLY |
| UTP | UNSHIELDED TWISTED PAIR |
| W/WITH | |
| W/W | WITHOUT |
| WAO | WORK AREA OUTLET |
| WAP | WIRELESS ACCESS POINT |
| XC | CROSS-CONNECT |

EQUIPMENT LEGEND



TECHNOLOGY SHEET LIST

| Sheet Number | Sheet Name |
|--------------|---------------------------------------|
| T-001 | TECHNOLOGY SYMBOLS AND |
| T-002 | TECHNOLOGY GENERAL NOTES |
| T-101 | TECHNOLOGY FLOOR PLAN - FIRST FLOOR |
| T-201 | TECHNOLOGY CEILING PLAN - FIRST FLOOR |
| T-501 | TECHNOLOGY DETAILS |
| T-502 | TECHNOLOGY DETAILS |
| T-503 | TECHNOLOGY DETAILS |
| T-504 | TECHNOLOGY DETAILS |

GENERAL NOTES

- DO NOT SCALE DRAWINGS, VERIFY DIMENSIONS ON ARCHITECTURAL DRAWINGS AND IN FIELD PRIOR TO COMMENCEMENT OF WORK.
- REFERS TO ALL APPROPRIATE ELECTRICAL/STRUCTURAL/CIVIL AND MECHANICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS AND INFORMATION.
- FINAL CONNECTIONS TO EQUIPMENT SHALL BE IN ACCORDANCE WITH MANUFACTURER'S APPROVED WIRING DRAWINGS. CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONNECTIONS AND RESPONSIBILITY TO PROVIDE MATERIALS AND EQUIPMENT COMPATIBLE WITH EQUIPMENT ACTUALLY SUPPLIED.
- WORK, MATERIALS AND EQUIPMENT SHALL CONFORM TO THE LATEST EDITIONS OF LOCAL, STATE, AND NATIONAL STANDARDS AND CODES.
- PROVIDE PERMITS AND INSPECTIONS REQUIRED.
- SYSTEM SHALL BE TESTED FOR PROPER OPERATION. IF TESTS SHOW THAT WORK IS DEFECTIVE, CONTRACTOR SHALL REPAIR OR REPLACE AT NO COST TO OWNER.
- CONTRACTOR'S FAILURE TO ORDER OR RELEASE ORDER FOR MATERIALS AND/OR EQUIPMENT WILL NOT BE ACCEPTED AS REASON TO SUBSTITUTE ALTERNATE MATERIALS, EQUIPMENT, OR INSTALLATION METHODS.
- ALL CONTRACTOR'S WORK SHALL BE IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS.
- IT IS THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS TO ESTABLISH A STANDARD OF QUALITY, THE ENGINEER RESERVES THE RIGHT TO APPROVE METHODS AND MATERIALS NOT REFLECTED HEREIN. PROVIDE DRAWINGS AND SPECIFICATIONS FOR EQUIPMENT AND MATERIALS NOT REFLECTED HEREIN. ITEMS, CHANGE ORDERS, ALTERATIONS, REROUTINGS, ETC.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING EQUIPMENT WHICH IS DAMAGED DUE TO INCORRECT ROUTING PROVIDED UNDER THIS SECTION, OR FACTORY WIRING IN EQUIPMENT PROVIDED UNDER THIS SECTION.
- VERIFY EXACT LOCATIONS OF EXISTING AND NEW UNDERGROUND UTILITIES, PIPE, AND RACEWAY SYSTEMS PROVIDED BY OTHER CONTRACTORS. CONTRACTOR SHALL SECURE PERMITTING, BOUNDARIES, SURVEYS, SERVICE FEEDERS (CONDUIT AND/OR WIRE), PULLBOXES, TRANSFORMERS PADS, SAW CUTTING AND PATCHING, CONCRETE PAVING ETC. REQUIRED. BACKFILL TRENCHES TO 90% COMPACTION AND PATCH TO MATCH DRAWDINGS. CONTRACTOR SHALL OBTAIN AND VERIFY EXACT UTILITY COMPANY DRAWINGS AND REQUIREMENTS.
- THE DATA GIVEN ON THE DRAWING IS AS EXACT AS COULD BE SECURED. THE CONTRACTOR SHALL OBTAIN EXACT DRAWINGS AND SPECIFICATIONS FOR THE SITE AND SHALL SATISFACTIONALLY ADAPT THE WORK TO THE ACTUAL CONDITIONS AT THE PROJECT SITE.
- VERIFY EXACT LOCATION OF EQUIPMENT TO BE FURNISHED BY OTHERS, PRIOR TO ROUGH-IN, ROUTING, AND CONSTRUCTION. CONTRACTOR SHALL NOT UNDERTAKE ANY WORK UNLESS OTHERWISE ADVISED.
- ACCURATE RECORDS OF WORK MODIFICATIONS (AS-BUILT) SHALL BE KEPT DAILY.
- THE COMPLETED INSTALLATION SHALL BE IN ACCORDANCE WITH ALL ENGINEERING REQUIREMENTS, THE DIVISION OF CONSTRUCTION, AND THE APPLICABLE STANDARDS AND CODES. PROVIDE DRAWINGS AND STANDARDS OF GOOD PRACTICE AND SAFETY AND THE MANUFACTURER'S STRICTEST RECOMMENDATIONS FOR EQUIPMENT AND INSTALLATION.
- VALUABLE EQUIPMENT AND SERVICES SHOWN ON PLANS TAKE PRECEDENCE OVER SCHEDULE QUANTITIES. CARD READERS MUST BE WITHIN 6' OF DOOR FRAME, UNO.

GENERAL INFRASTRUCTURE NOTES

- IF THE ENCLOSURE, BOXES AND CABINETS SPECIFIED ARE NOT PROVIDED FROM THE MANUFACTURER WITH THE REQUIRED KNOCKOUTS, CONTRACTOR SHALL SPARE CONDUIT, FILE CUT ALL REQUIRED KNOCKOUTS TO TERMINATE THE QUANTITY AND SIZE OF THE SPECIFIED CONDUIT.
- MAINTAIN MAXIMUM SEPARATION BETWEEN AV SYSTEM CONDUIT AND ALL POWER CONDUIT.
- INSTALL ALL CONDUIT IN A CONCEALED FASHION. SURFACE MOUNTED CONDUIT WILL NOT BE ACCEPTED UNLESS SPECIFICALLY IDENTIFIED IN THE DRAWINGS.
- CONDUIT INSULATED AND SECURED WITH BLANK COVER PLATES.
- ALL CONDUIT SHALL BE THIN-WALL UNLESS NOTED OTHERWISE. CONDUIT SIZES AND TERMINATION SHALL BE IDENTIFIED IN THE DRAWINGS. CONDUIT SIZES AND TERMINATION SHALL BE IDENTIFIED IN THE DRAWINGS.
- MAXIMUM OF TWO 90-DEGREE BENDS OR 50 LINEAR FEET BETWEEN PULL BOXES. ADDITIONAL PULL BOXES NOT SHOWN ON DRAWINGS ARE AT THE ELECTRICAL CONTRACTOR'S DISCRETION.
- NON-BOX BOXES ON WALLS AT THE HEIGHTS NOTED ON THE TECHNOLOGY INFRASTRUCTURE DRAWINGS IF ELECTRICAL BOXES ARE AT SIMILAR BUT DIFFERENT HEIGHTS, MOUNT BOXES TO MATCH ELECTRICAL BOX HEIGHTS 18" AFTER MOUNTING. DRAWINGS NOT SHOWN ON DRAWINGS ARE TO THE CENTER OF BOX UNLESS OTHERWISE NOTED. IF MOUNTING HEIGHTS NOT SHOWN ON DRAWINGS, DO NOT FOLLOW ADA OR OTHER APPLICABLE CODES OR STANDARDS. SUBMIT A RFI FOR CLARIFICATION.
- PROVIDE NYLON BUSHINGS ON ALL CONDUIT STUBS AND NON-TERMINATED CONDUIT ENDS.

GENERAL AV INSTALLATION NOTES

- INSTALL ALL EQUIPMENT IN COMPLIANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS, SEISMIC CODES, AND INDUSTRY ACCEPTED RIGGING PRACTICES. SUPPORT EQUIPMENT WEIGHT FROM STRUCTURE ABOVE DURING CONSTRUCTION. SUBMIT THE DRAWINGS WHICH DETAIL PROPOSED MOUNTING FOR ALL SUCH EQUIPMENT.

GENERAL GROUNDING NOTES

- ISOLATE ALL EQUIPMENT FROM CONDUIT AND BUILDING STEEL.
- GROUND COMMUNICATIONS SYSTEMS AND EQUIPMENT IN ACCORDANCE WITH ANSI/TIA-EIA GROUNDING STANDARD AND APPLICABLE NEC REQUIREMENTS.
- ALL EQUIPMENT AND SYSTEMS SHALL BE GROUNDED. SPICE CASES, ETC. IN A TECHNICAL EQUIPMENT SPACE (ETHER RESIDING IN OR ENTERING/LEAVING) SHALL BE GROUNDED TO THEIR RESPECTIVE GROUND SYSTEM USING A #6 AWG (MINIMUM) COPPER BONDING CONDUCTOR.
- ALL GROUNDS USED FOR TECHNICAL SYSTEM GROUNDING SHALL BE IDENTIFIED AT THEIR TERMINATION POINTS WITH GREEN WRAP/TAPE. THESE GROUNDS SHALL BE LABELED/IDENTIFIED AS 'TECHNICAL POWER SYSTEM GROUND'.

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ARCHITECTS

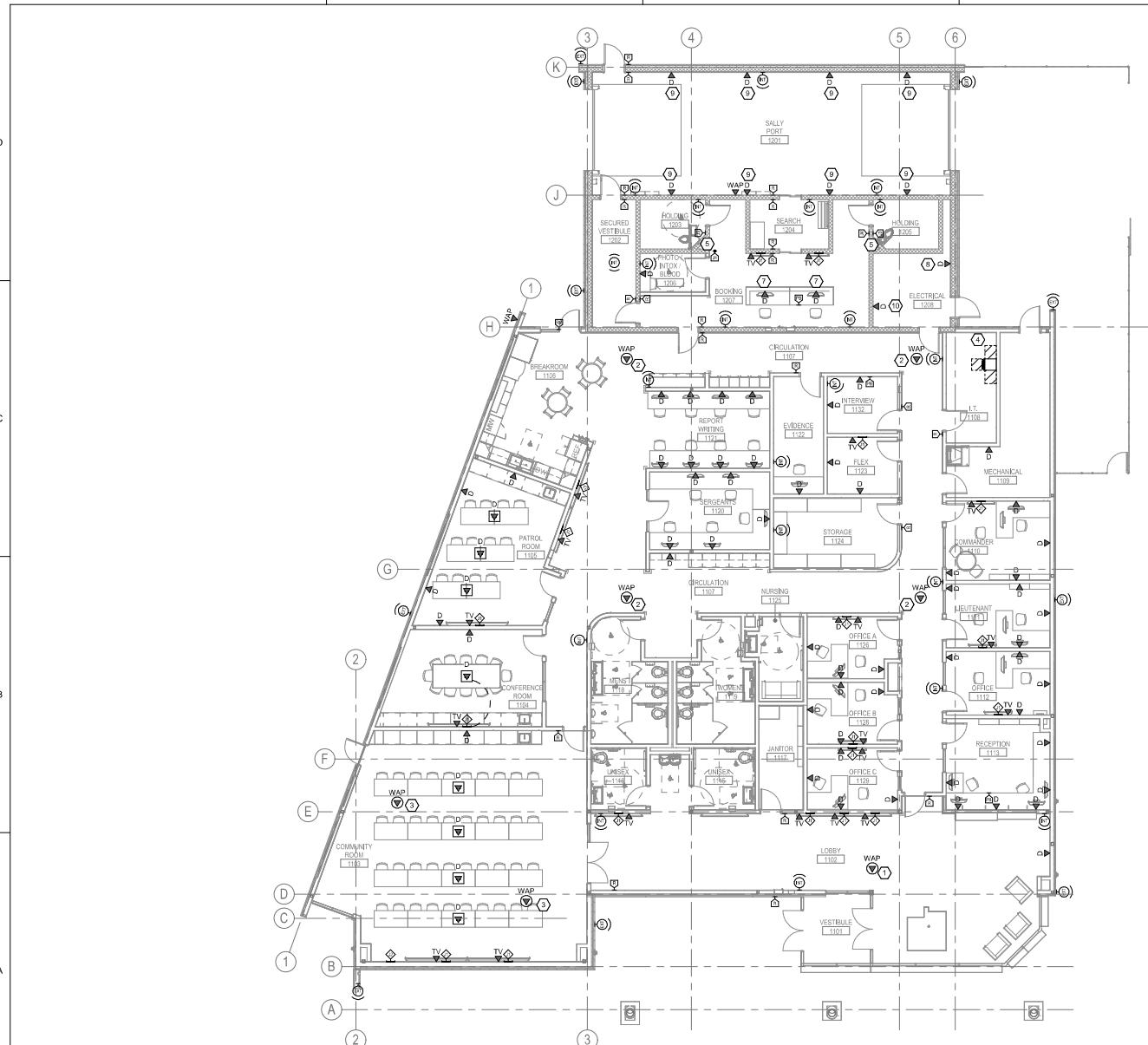
Phone: 800-200-9160
www.branchbeam.com
PROJECT NUMBER: 997009
BETTER BUILT ENVIRONMENTS

ISSUE DATE: 12/4/2024
DRAWING NO.: 00000000000000000000
CONSULTANT'S PROJECT NO.: 00000000000000000000
STANIDATION NO.: 00000000000000000000
CONTRACT NO.: 00000000000000000000
FILE NUMBER: 00000000000000000000

ISSUE FOR BID SET

EL PASO COUNTY SHERIFF'S DEPARTMENT
FALCON - SHERIFF
15020 ROYAL COUNTY DR, FALCON, CO 80831
TECHNOLOGY GENERAL NOTES

SHEET
IDENTIFICATION
T-002


GENERAL NOTES (THIS SHEET)

1. PULL BOX LOCATIONS SHALL BE INSTALLED FOR EVERY 100' OF CONDUIT PATHWAY. CONTRACTOR SHALL ADEQUATELY SIZE PULL BOXES TO ACCOMMODATE LOW VOLTAGE CABLEING WHILE COMPLYING WITH NEC AND BC/SS STANDARDS.
2. PULL BOX LOCATIONS SHALL BE INSTALLED SO THAT CONDUIT BEND RADIUS DOES NOT EXCEED 180' BETWEEN PULL BOXES.
3. TELECOMMUNICATIONS ROOM SHALL HAVE A MINIMUM OF (2) WALLS PAINTED IN MAC GRADE OR BETTER. ALL RATED FIBERWOOD PLASTERBOARD SHALL BE PAINTED AT A MINIMUM OF (2) COATS FIRE RETARDANT LIGHT COLORED PAINT. FIRE RATING (2) COATS SHALL BE LEFT UNPAINTED.
4. REFER TO ELECTRICAL DRAWINGS FOR TELECOMMUNICATION ROOM POWER REQUIREMENTS.
5. EMERGENCY RADIO RESPONDER COVERAGE - NEW BUILDINGS SHALL HAVE ACCEPTED RADIO COVERAGE FOR EMERGENCY RESPONDER WITHIN 1000' OF BUILDING. BASED ON EXISTING COVERAGE LEVELS OF THE PUBLIC SAFETY COMMUNICATION SYSTEMS PROVIDED BY THE JURISDICTION, MEASURED AT THE EXTERIOR OF THE BUILDING, CONTRACTOR SHALL BE CONSIDERED TO HAVE ACCEPTABLE EMERGENCY RESPONDER COMMUNICATIONS ENHANCEMENT SYSTEM COVERAGE WHEN STRENGTH MEASUREMENTS IN 99 PERCENT OF ALL AREAS.

KEY NOTES (THIS SHEET)

1. CONTRACTOR SHALL MOUNT WAP TO UNDERSIDE OF HARD LIP CEILING USING OBERON 1018-00.
2. CONTRACTOR SHALL PENDANT MOUNT WAP TO OPEN CEILING USING OBERON 900HC-XX. WAP SHALL BE SUSPENDED 12' FROM FLOOR.
3. CONTRACTOR SHALL MOUNT WAP TO UNDERSIDE OF ARCHITECTURAL CLOUD CEILING. COORDINATE FINAL MOUNTING LOCATION WITH ARCHITECT.
4. APPROXIMATE LOCATION FOR INCOMING SERVICES. CONTRACTOR SHALL ROUTE (2) 4" CONDUITS TO UTILITY PULL BOX. COORDINATE CONDUIT ROUTING WITH CIVIL CONTRACTOR AND UTILITY PROVIDER.
5. EMERGENCY BUTTON INSIDE OF HOLDING CELL CONNECTED TO VISUAL INDICATOR OUTSIDE OF HOLDING CELL. BUTTON SHALL BE INTEGRATED INTO SECURITY SYSTEM AND SOUND AN AUDIBLE ALARM SEPARATE FROM PANIC BUTTON ALARM WHEN IN USE.
6. DATA DROP FOR BMS FIELD COORDINATE FINAL MOUNTING LOCATION.
7. PROVIDE DATA OUTLET IN AN ACCESSIBLE LOCATION IN LOBBY AREA. DATA DIVERSIFIERS AND DIVIDERS DO NOT BLOCK ACCESS TO DEVICE. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
8. DATA DROP FOR SUB METERING FIELD COORDINATE FINAL MOUNTING LOCATION.
9. MOUNT DATA OUTLET IN WATERPROOF JUNCTION BOX.
10. DATA DROP FOR LIGHTING CONTROL FIELD COORDINATE FINAL MOUNTING LOCATION.

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 ARCHITECTS

 Phone: 800-200-9160
 www.branchassociates.com
 PROJECT NUMBER: 997009
 BETTER BUILT ENVIRONMENTS

| WALL | CEILING | FLOOR | DESCRIPTION |
|------|---------|-------|-------------|
| | | | |

| ISSUE DATE | DECEMBER 4, 2024 | CONSULTANT'S PROJECT # | SPONSORSHIP NO. |
|---------------|------------------|------------------------|-----------------|
| DESIGN BY | | DRAWN BY | CHIEF |
| DISPATCHED BY | | PIPED BY | CHIEF |
| ISSUED BY | | PLACED ON | CONTRACT NO. |
| FILE NUMBER: | | FILE NUMBER: | FILE NUMBER: |

ISSUE FOR BID SET

 EL PASO COUNTY SHERIFF'S DEPARTMENT
FALCON - SHERIFF
 12020 ROYAL COUNTY DRN RD, FALCON, CO 80831
 TECHNOLOGY FLOOR PLAN - FIRST FLOOR

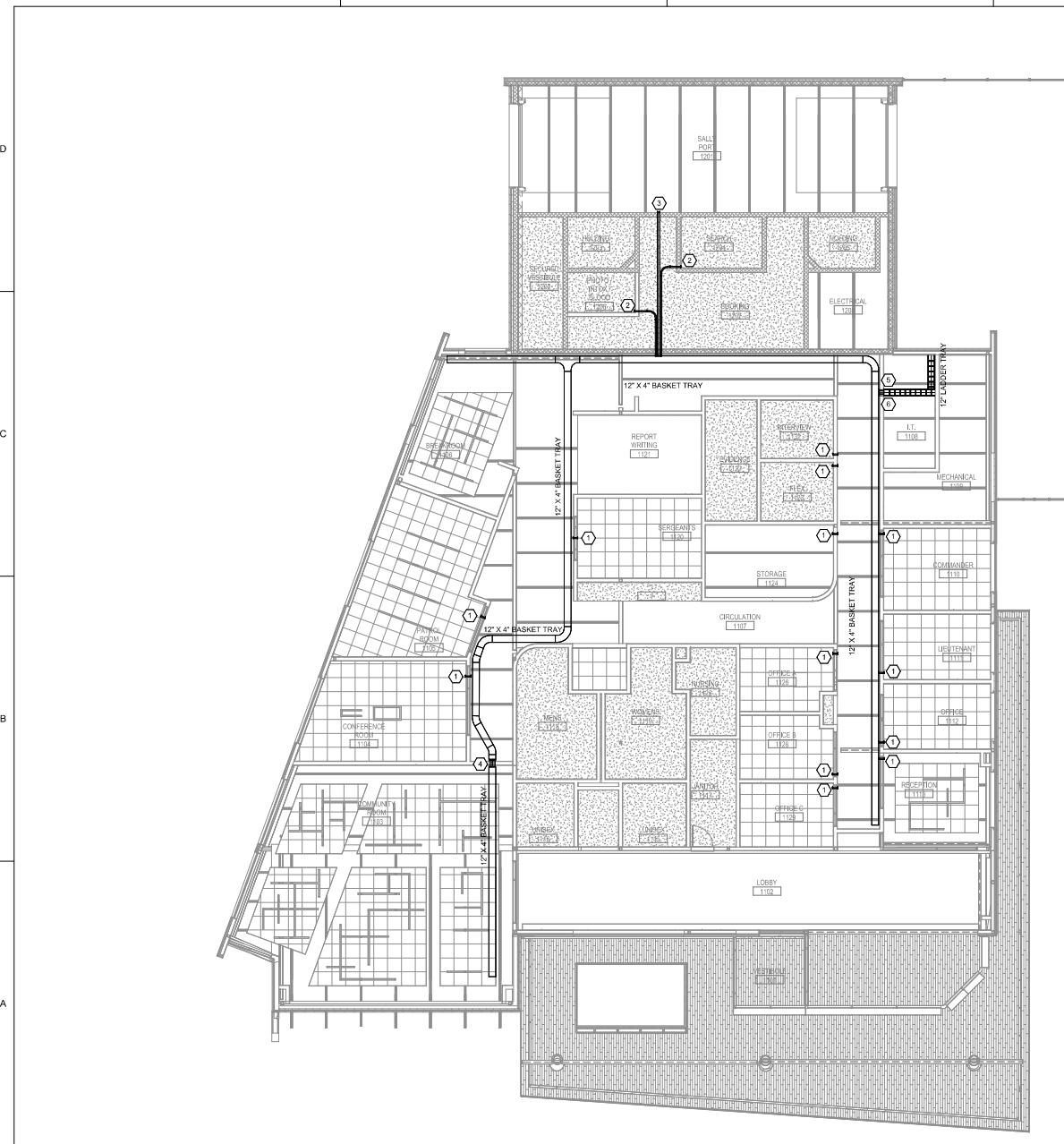
 SHEET
T-101
1 TECHNOLOGY PLAN - FIRST FLOOR

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



0' 2' 4' 6' 8' 10'

1 2 3 4 5

**GENERAL NOTES (THIS SHEET)**

1. VERTICAL DISTANCE BETWEEN CABLE TRAY AND CEILING SHALL NOT EXCEED THAN 12".
2. A MINIMUM OF 12" OF HORIZONTAL CLEARANCE ON ONE SIDE OF CABLE TRAY IS REQUIRED. HORIZONTAL DISTANCE BETWEEN CABLE TRAY AND CEILING OBSTRUCTIONS SHALL NOT BE LESS THAN 12".
3. WHERE CONDUITS PENETRATE FIRE RATED WALLS, PROPER FIRE STOPPING ASSEMBLIES SHALL BE UTILIZED.
4. CONTRACTOR SHALL BOND CABLE TRAY SYSTEM PER ANSI/IEEE-6074.
5. MOUNT LADDER STYLE CABLE TRAY AT 7' AFF.
6. BASKET STYLE CABLE TRAY SHALL BE MOUNTED ABOVE LIGHTING FIXTURES.
7. CABLEING WHICH SALLY PORT (1201) SHALL BE INSTALLED IN EMT CONDUIT AND STUBBED TO A CONSOLIDATION POINT NEAR 4" CONDUIT PATHWAY.

KEY NOTES (THIS SHEET)

1. 2" CONDUIT SLEEVE MOUNTED ABOVE DOOR FRAME.
2. 2" CONDUIT STUBBED ABOVE CEILING.
3. 4" CONDUIT PATHWAY TO CABLE TRAY.
4. (2) 4" CONDUIT SLEEVES.
5. (2) 4" CONDUITS WITH RADIUS ADAPTERS ON EACH SIDE.
6. 12" VERTICAL LADDER STYLE CABLE TRAY SHALL BE INSTALLED BETWEEN CONDUIT RADIUS ADAPTER AND HORIZONTAL LADDER STYLE CABLE TRAY. CONTRACTOR SHALL SECURE HORIZONTAL CABLEING TO VERTICAL LADDER STYLE CABLE TRAY WHILE NOT EXCEEDING MANUFACTURER'S BEND RADIUS.

D2C
 ARCHITECTS


 Phone: 800-200-9160
www.brancharchitecture.com
 PROJECT NUMBER: 997009
 BETTER BUILT ENVIRONMENTS

| WALL | CEIL | FLOOR | DESCRIPTION |
|------|------|-------|-------------|
| | | | |

| ISSUE DATE | | CONSOLIDATED PROJECT # | | STANDBY NO. | |
|---------------------|------------------|------------------------|---------------|--------------|------------|
| DESIGN BY: | DATE ISSUED: | CONTRACTOR NUMBER: | CONTRACT NO.: | FILE NUMBER: | FILE NAME: |
| BRANCH ARCHITECTURE | DECEMBER 4, 2004 | 2004097 | 100-00000000 | | |
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ISSUE FOR BID SET

 EL PASO COUNTY SHERIFF'S DEPARTMENT
FALCON - SHERIFF
 12020 ROYAL COUNTY DRN RD, FALCON, CO 80831
 TECHNOLOGY CEILING PLAN -
 FIRST FLOOR

 SHEET
T-201
1 TECHNOLOGY PATHWAY PLAN - FIRST FLOOR
 SCALE: 1/8" = 1'-0"


0 1' 2' 3' 4' 5' 6' 7' 8' 9' 10'