| SECURITY SYSTEMS SYMBOL LEGEND | | | | | | | |
|--------------------------------|--|---------------------------------|-----------------------|-------------------------|---|--|-------|
| SYMBOL | DESCRIPTION | WIRING REQUIREMENTS | SPECIFICATION SECTION | CONDUIT SIZE | BACK BOX | MOUNTING HEIGHT | NOTES |
| X XX | DOOR TAG. 'X' DENOTES LOCK TYPE 'YY' DENOTES CONTROL AND MONITORED FROM DESIGNATED SECURITY CONTROL LOCATION. 'ZZ' DENOTES MONITORED ONLY FROM DESIGNATED SECURITY CONTROL LOCATION. | AS NOTED | AS NOTED | AS NOTED | AS NOTED | AS NOTED | |
| $\langle A \rangle$ | CONTROLLED AND MONITORED DETENTION DOOR. | (4) #14 THHN, (3) #18 THHN | DIVISION 11 | REFER TO DETAIL | REFER TO DETAIL | REFER TO DETAIL | 1 |
| ⟨C → | CONTROLLED AND MONITORED COMMERCIAL DOOR. | (4) #14 THHN, (3) #18 THHN | DIVISION 11 | REFER TO DETAIL | REFER TO DETAIL | REFER TO DETAIL | 2 |
| ⟨G → | CONTROLLED GATE OPERATOR. | (6) #12 THHN | DIVISION 8 | REFER TO DETAIL | REFER TO DETAIL | REFER TO DETAIL | 3 |
| ⟨K | CONTROLLED AND MONITORED SLIDING DOOR DEVICE. | (10) #14 THHN | DIVISION 8 | REFER TO DETAIL | REFER TO DETAIL | REFER TO DETAIL | 4 |
| ⟨B → | MONITORED DETENTION DOOR. | (3) #14 THHN | DIVISION 11 | REFER TO DETAIL | REFER TO DETAIL | REFER TO DETAIL | (5) |
| • | INTERCOM SUB-STATION WITH CALL BUTTON. LETTER "A" NEXT TO THE SYMBOL INDICATES AN INTERCOM ROUGH IN COORDINATED WITH ALTERNATE BID #4 | (1) CATEGORY 6 4 PAIR UTP, CMP | 28 51 23 | 3/4" | 2 GANG 3 1/2" DEEP | 48" AFF TO TOP OF BOX | 6 |
| • | INTERCOM MASTER STATION. | (1) CATEGORY 6 4 PAIR UTP, CMP | 28 51 23 | 3/4" | 1 GANG 3 1/2" DEEP | 18" AFF | 7 |
| DA | DURESS ALARM PUSH BUTTON. | (2) #18 TFFN | 28 50 00 | 3/4" | 1 GANG 3 1/2" DEEP | 48" AFF TO TOP OF BOX | 8 |
| ① | DOOR INTERLOCK FUNCTION. | N/A | 28 46 20 | N/A | N/A | N/A | 9 |
| | TOUCH SCREEN CONTROL LOCATION. | (2) CATEGORY 6 4 PAIR UTP, CMP | 28 46 19 | 1" | 1 GANG 3 1/2" DEEP | 18" AFF | (10) |
| GT | GUARD TOUR PROXIMITY READER. | (1) 3 PAIR #18 AWG SHIELDED | 28 50 00 | 3/4" | 1 GANG 3 1/2" DEEP | 48" AFF TO TOP OF BOX | (1) |
| MONITOR | WALL MOUNTED LARGE FORMAT SURVEILLANCE MONITOR. | (1) CATEGORY 6 4 PAIR UTP, CMP | 28 23 13 | 3/4" | 1 GANG 3 1/2" DEEP | 104" AFF / COORDINATE WITH ELECTRICAL | 12 |
| VMS | VIDEO MANAGEMENT WORK STATION. | (2) CATEGORY 6 4 PAIR UTP | 28 23 33 | 3/4" | 2 GANG 3 1/2" DEEP | 18" AFF | (13) |
| D4 | NEW FIXED CCTV CAMERA. (NUMERICAL NEXT TO ICON DENOTES 180 DEGREE OR 360 DEGREE CAMERA.) P DENOTES PINHOLE CAMERA PLACED AT NEW GATE PEDESTALS | (1) CATEGORY 6 4 PAIR UTP, CMP | 28 23 13 | 1" | 2 GANG 3 1/2" DEEP PIN HOLE CAMERA TO BE MOUNTED DIRECTLY TO PEDESTAL ENCLOSURE | REFER TO SCHEDULE | (14) |
| S | CEILING MOUNTED PAGING SPEAKER. | (1) PAIR #18 SHEILDED PER ZONE | 28 51 23 | 3/4" | 2 GANG 3 1/2" DEEP | FLUSH IN CEILING | (15) |
| TV | UTILITY CONTROL CIRCUIT FOR TELEVISION POWER. | (2) #12 THHN & (1) #12 THHN GRD | 28 46 20 | 3/4" | 1 GANG 3 1/2" DEEP | REFER TO PLANS | (16) |
| | LIGHTING CONTROL. SINGLE SYMBOL IN DETENTION CELLS INDICATES CELL LIGHT AND CELL NIGHT LIGHT CONTROL. | (2) CATEGORY 6 4 PAIR UTP | DIVISION 26 | 3/4" | 2 GANG 3 1/2" DEEP | COORDINATE WITH ELECTRIC SHEETS | (17) |
| V _{IP} (R) | INMATE TELEPHONE CONTROL . (R) DENOTES ROUGH IN FOR THE INMATE TELEPHONE OUTLET | (3) #18 THHN | 28 46 20 | BY OTHERS 1" CONDUIT | TWO GANG 3 1/2" DEEP BOX WITH ONE GANG TRIM RING | 46" AFF TO CENTER OF BOX WALL MOUNTED, UON | (18) |
| VS (R) | VIDEO VISITATION STATION CONTROL. (R) DENOTES VIDEO VISITATION STATION ROUGH-IN. (THIS ICON IS ALSON SHOWN ON THE TY DRAWINGS FOR CONTROL OF THE OWNER PROVIDED VS FROM THE SECURITY SYSTEM) | (1) CATEGORY 6 4 PAIR UTP, CMP | 28 23 13 | 1" CONDUIT | TWO GANG 3 1/2" DEEP BOX WITH ONE GANG TRIM RING | 46" AFF TO CENTER OF BOX WALL MOUNTED, UON | (19) |
| $lackbox{lackbox{$\nabla$}}$ | WALL MOUNTED TELECOMMUNICATIONS OUTLET. | NA | NA | 1" CONDUIT | TWO GANG 3 1/2" DEEP BOX WITH ONE GANG TRIM RING | 18" AFF, UON | 20 |
| TV | CATV OUTLET | NA | NA | 3/4" CONDUIT | TWO GANG 3 1/2" DEEP, RECESSED POWER & DATA BOX | 60" AFF, UON | 21) |

SECURITY MATRIX KEYED NOTES:

- UNDER THE DIVISION 26 ELECTRICAL SCOPE OF WORK, PROVIDE CONDUIT AND WIRE ASSOCIATED WITH THE CONTROLLED AND MONITIRED DETENTION DOOR. DOOR POSITON SWITCH AND LATCH BOLT MONITOR SWITCH SHALL BE CONFIGURED AS TWO INDEPENDENT INPUTS TO THE PLC. UNDER THE DIVISION 28 SECTION SCOPE OF WORK, PROVIDE TERMINATION OF THE FIELD WIRING, INTEGRATION OF THE DEVICE WITH THE PLC/GUI AND ALL PROGRAMMING, TESTING. COMMISSIONING AND ANY APPURTENANCES NECESSARY FOR THE DEVICE TO FUNCTION AS SPECIFIED IN ECTION 28 46 20. INSTALLATION, ADJUSTMENT, MAINTENANCE, ETC. OF THE LOCK IS PER DIVISION 11.
- UNDER THE DIVISION 26 ELECTRICAL SCOPE OF WORK, PROVIDE CONDUIT AND WIRE ASSOCIATED WITH THE CONTROLLED AND MONITIRED COMMEERCIAL DOOR. DOOR POSITON SWITCH AND LATCH BOLT MONITOR SWITCH SHALL BE CONFIGURED AS TWO INDEPENDENT INPUTS TO THE PLC. UNDER THE DIVISION 28 SECTION SCOPE OF WORK, PROVIDE TERMINATION OF THE FIELD WIRING, INTEGRATION OF THE DEVICE WITH THE PLC/GUI AND ALL PROGRAMMING, TESTING, COMMISSIONING AND ANY APPURTENANCES NECESSARY FOR THE DEVICE TO FUNCTION AS SPECIFIED IN ECTION 28 46 20. INSTALLATION, ADJUSTMENT, MAINTENANCE, ETC. OF THE LOCK IS PER DIVISION 11.
- $\stackrel{\textstyle \langle 3 \rangle}{}$ UNDER THE DIVISION 26 ELECTRICAL SCOPE OF WORK, PROVIDE CONDUIT AND WIRE ASSOCIATED WITH THE CONTROLLED AND MONITIRED GATE OPERATOR. UNDER THE DIVISION 28 SECTION SCOPE OF WORK, PROVIDE TERMINATION OF THE FIELD WIRING, INTEGRATION OF THE DEVICE WITH THE PLC/GUI AND ALL PROGRAMMING, TESTING, COMMISSIONING AND ANY APPURTENANCES NECESSARY FOR THE DEVICE TO FUNCTION AS SPECIFIED IN SECTION 28 46 20.
- UNDER THE DIVISION 26 ELECTRICAL SCOPE OF WORK, PROVIDE CONDUIT AND WIRE ASSOCIATED WITH THE CONTROLLED AND MONITIRED SLIDING DOOR DEVICE. UNDER THE DIVISION 28 SECTION SCOPE OF WORK, PROVIDE TERMINATION OF THE FIELD WIRING, INTEGRATION OF THE DEVICE WITH THE PLC/GUI AND ALL PROGRAMMING, TESTING, COMMISSIONING AND ANY APPURTENANCES NECESSARY FOR THE DEVICE TO FUNCTION AS SPECIFIED IN SECTION 28 46 20. INSTALLATION, ADJUSTMENT, MAINTENANCE, ETC OF THE LOCK IS PER DIVISION 11.
- UNDER THE DIVISION 26 ELECTRICAL SCOPE OF WORK, PROVIDE CONDUIT AND WIRE ASSOCIATED WITH THE UNDER THE DIVISION 26 ELECTRICAL SCOPE OF WORK, FROM DE CONTROL AND LATCH BOLT MONITOR SWITCH SHALL BECONFIGURED MONITIRED ONLY DOOR. DOOR POSITON SWITCH AND LATCH BOLT MONITOR SWITCH SHALL BECONFIGURED AS TWO INDEPENDENT INPUTS TO THE PLC. UNDER THE DIVISION 28 SECTION SCOPE OF WORK,PROVIDE TERMINATION OF THE FIELD WIRING, INTEGRATION OF THE DEVICE WITH THE PLC/GUI AND ALL PROGRAMMING, TESTING, COMMISSIONING AND ANY APPURTENANCES NECESSARY FOR THE DEVICE TO FUNCTION AS SPECIFIED IN SECTION 28 46 20. INSTALLATION, ADJUSTMENT, MAINTENANCE, ETC OF THE LOCK IS PER DIVISION 11.
- UNDER THE DIVISION 26 ELECTRICAL SCOPE OF WORK, PROVIDE CONDUIT AND WIRE ASSOCIATED WITH THE INTERCOM SUBSTATION. UNDER THE DIVISION 28 SECTION SCOPE OF WORK, PROVIDE TERMINATION OF THE FIELD WIRING, INTEGRATION OF THE DEVICE WITH THE INTERCOM EXCHANGE AND THE PLC/GUI AND ALL PROGRAMMING, TESTING, COMMISSIONING AND ANY APPURTENANCES NECESSARY FOR THE DEVICE TO FUNCTION AS SPECIFIED IN SECTIONS 28 51 23 AND SECTION 28 46 20.
- UNDER THE DIVISION 26 ELECTRICAL SCOPE OF WORK, PROVIDE CONDUIT AND WIRE ASSOCIATED WITH THE $oldsymbol{ol}oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{ol}}}}}}}}}}}}}}}}}}}$ FIELD WIRING. INTEGRATION OF THE DEVICE WITH THE INTERCOM EXCHANGE AND THE PLC/GUI AND ALL PROGRAMMING. TESTING, COMMISSIONING AND ANY APPURTENANCES NECESSARY FOR THE DEVICE TO FUNCTION AS SPECIFIED IN SECTIONS 28 51 23 AND SECTION 28 46 20.
- UNDER THE DIVISION 26 ELECTRICAL SCOPE OF WORK, PROVIDE CONDUIT AND WIRE ASSOCIATED WITH THE DURESS ALARM PUSH BUTTON. UNDER THE DIVISION 28 SECTION SCOPE OF WORK, PROVIDE TERMINATION OF THE FIELD WIRING, INTEGRATION OF THE DEVICE WITH THE PLC/GUI AND ALL PROGRAMMING, TESTING, COMMISSIONING AND ANY APPURTENANCES NECESSARY FOR THE DEVICE TO FUNCTION AS SPECIFIED IN SECTIONS 28 50 00 AND SECTION 28 46 20.
- DOOR INTERLOCK SYMBOL ON THE PLANS INDICATE AN INTERLOCK GROUP FUNCTION FOR THE ASSOCIATED DOORS. 9 SYMBOL IS AN INDICATION OF PLC PROGRAMMING AND REQUIRES NON CONDUIT OR FIELD WIRING. PROVIDE THE INTERLOCK FUNCTION AS DESCRIBED IN 28 46 20.
- UNDER THE DIVISION 26 ELECTRICAL SCOPE OF WORK, PROVIDE CONDUIT AND WIRE ASSOCIATED WITH THE TOUCHSCREEN CONTROL LOCATION. UNDER THE DIVISION 28 SECTION SCOPE OF WORK, PROVIDE TERMINATION OF THE FIELD WIRING, INTEGRATION OF THE DEVICE WITH THE PLC/GUI AND ALL PROGRAMMING, TESTING, COMMISSIONING AND ANY APPURTENANCES NECESSARY FOR THE DEVICE TO FUNCTION AS SPECIFIED IN SECTIONS 28 46 19 AND SECTION 28
- UNDER THE DIVISION 26 ELECTRICAL SCOPE OF WORK, PROVIDE CONDUIT AND WIRE ASSOCIATED WITH THE GUARD TOUR (DETENTION GRADE CARD READER), UNDER THE DIVISION 28 SECTION SCOPE OF WORK, PROVIDE TERMINATION OF THE FIELD WIRING, INTEGRATION OF THE DEVICE WITH THE PLC/GUI AND ALL PROGRAMMING, TESTING, COMMISSIONING AND ANY APPURTENANCES NECESSARY FOR THE DEVICE TO FUNCTION AS SPECIFIED IN SECTIONS 28 13 00 AND SECTION 28 46 20.

- UNDER THE DIVISION 26 ELECTRICAL SCOPE OF WORK. PROVIDE CONDUIT AND WIRE ASSOCIATED WITH THE WALL $^\prime$ MOUNTED LARGE FORMAT SURVEILLANCE MONITOR. UNDER THE DIVISION 28 SECTION SCOPE OF WORK, PROVIDE TERMINATION OF THE FIELD WIRING, INTEGRATION OF THE DEVICE WITH THE CCTV HEAD END AND THE PLC/GUI AND ALL PROGRAMMING, TESTING AND COMMISSIONING AND ANY APPURTENANCES NECESSARY FOR THE DEVICE TO FUNCTION AS SPECIFIED IN SECTIONS 28 23 13 AND SECTION 28 46 20.
- $_{ackslash}$ UNDER THE DIVISION 26 ELECTRICAL SCOPE OF WORK, PROVIDE CONDUIT AND WIRE ASSOCIATED WITH THE $^\prime$ VIDEO MANAGEMENT WORKSTATION. UNDER THE DIVISION 28 SECTION SCOPE OF WORK, PROVIDE TERMINATION OF THE FIELD WIRING, INTEGRATION OF THE DEVICE WITH THE CCTV HEAD END AND THE PLC/GUI AND ALL PROGRAMMING, TESTING, COMMISSIONING AND ANY APPURTENANCES NECESSARY FOR THE DEVICE TO FUNCTION AS SPECIFIED IN SECTIONS 28 23 13 AND SECTION 28 46 20.
- UNDER THE DIVISION 26 ELECTRICAL SCOPE OF WORK, PROVIDE CONDUIT AND WIRE ASSOCIATED WITH THE $^\prime$ FIXED CCTV CAMERA. UNDER THE DIVISION 28 SECTION SCOPE OF WORK,PROVIDE TERMINATION OF THE FIELD WIRING, INTEGRATION OF THE DEVICE WITH THE CCTV HEAD END AND THE PLC/GUI AND ALL PROGRAMMING, TESTING, COMMISSIONING AND ANY APPURTENANCES NECESSARY FOR THE DEVICE TO FUNCTION AS SPECIFIED IN SECTIONS 28 23 13 AND SECTION 28 46 20.
- UNDER THE DIVISION 26 ELECTRICAL SCOPE OF WORK, PROVIDE CONDUIT AND WIRE ASSOCIATED WITH THE $^{\prime}$ CEILING MOUNTED PAGING SPEAKER. UNDER THE DIVISION 28 SECTION SCOPE OF WORK, PROVIDE TERMINATION OF THE FIELD WIRING, INTEGRATION OF THE DEVICE WITH THE INTERCOM EXCHANGE AND THE PLC/GUI AND ALL PROGRAMMING, TESTING, COMMISSIONING AND ANY APPURTENANCES NECESSARY FOR THE DEVICE TO FUNCTION AS SPECIFIED IN SECTIONS 28 51 23 AND SECTION 28 46 20.
- UNDER THE DIVISION 26 ELECTRICAL SCOPE OF WORK, PROVIDE CONDUIT AND WIRE ASSOCIATED WITH THE $\stackrel{ar{16}}{}$ UTILITY CONTROL CIRCUIT FOR TELEVISION POWER. UNDER THE DIVISION 28 SECTION SCOPE OF WORK, PROVIDE TERMINATION OF THE FIELD WIRING, INTEGRATION OF THE DEVICE THE PLC/GUI AND ALL PROGRAMMING, TESTING, COMMISSIONING AND ANY APPURTENANCES NECESSARY FOR THE DEVICE TO FUNCTION AS SPECIFIED IN SECTIONS 28 51 23
- UNDER THE DIVISION 26 ELECTRICAL SCOPE OF WORK, PROVIDE CONDUIT AND WIRE ASSOCIATED WITH THE LIGHTING $\langle 11 \rangle$ CONTROL CIRCUIT. UNDER THE DIVISION 28 SECTION SCOPE OF WORK, PROVIDE TERMINATION OF THE FIELD WIRING, INTEGRATION OF THE DEVICE WITH THE PLC/GUI AND ALL PROGRAMMING, TESTING, COMMISSIONING AND ANY APPURTENANCES NECESSARY FOR THE DEVICE TO FUNCTION AS SPECIFIED IN SECTION 28 46 20. LIGHTING CONTROL IN DETENTION CELLS TO INCLUDE CELL LIGHTING AND NIGHT LIGHTING.
- UNDER THE DIVISION 26 ELECTRICAL SCOPE OF WORK, PROVIDE CONDUIT AND WIRE ASSOCIATED WITH THE INMATE PHONE CONTROL. UNDER THE DIVISION 28 SECTION SCOPE OF WORK, PROVIDE TERMINATION OF THE FIELD WIRING, INTEGRATION OF THE DEVICE WITH THE PLC/GUI AND ALL PROGRAMMING, TESTING, COMMISSIONING AND ANY APPURTENANCES NECESSARY FOR THE DEVICE TO FUNCTION AS SPECIFIED IN SECTION 28 46 20. INMATE PHONE OUTLET. FURNISH AND INSTALL CONDUIT, BACK BOX, PULL STRING, AS CALLED FOR ON PLANS.
- UNDER THE DIVISION 26 ELECTRICAL SCOPE OF WORK, PROVIDE CONDUIT AND WIRE ASSOCIATED WITH THE VIDEO VISITAION angle STATION CONTROL. UNDER THE DIVISION 28 SECTION SCOPE OF WORK, PROVIDE TERMINATION OF THE FIELD WIRING, INTEGRATION OF THE DEVICE WITH THE PLC/GUI AND ALL PROGRAMMING, TESTING, COMMISSIONING AND ANY APPURTENANCES NECESSARY FOR THE DEVICE TO FUNCTION AS SPECIFIED IN SECTION 28 46 20. VIDEO VISITATION STATION. FURNISH AND INSTALL CONDUIT, BCK BOX, PULL STRING, AS CALLED FOR ON PLANS.
- WALL MOUNTED TELECOMMUNICATIONS OUTLET. FURNISH AND INSTALL CONDUIT, BACK BOX, PULL STRING, AS CALLED FOR ON PLANS.AC DENOTES ABOVE COUNTER MOUNTING HEIGHT.
- CATV OUTLET. FURNISH AND INSTALL CONDUIT, BACK BOX, PULL STRING, AS CALLED FOR ON PLANS. ALL CABLING AND TERMINATION HARDWARE PROVIDED BY OTHERS.

TELECOM GENERAL NOTES:

CONDUIT SIZE.

- 1. INDICATED MOUNTING HEIGHTS ARE FOR DESIGN PURPOSES ONLY. COORDINATE FINAL MOUNTING HEIGHT OF ALL EQUIPMENT WITH SURROUNDING EQUIPMENT AND SURROUNDING CONDITIONS. MOUNTING HEIGHTS
- INDICATED ARE TO CENTER OF BOX. 2. STORE EQUIPMENT IN A CLEAN AND DRY PLACE UNTIL READY FOR INSTALLATION. 3. PROTECT FROM WEATHER, THEFT, DIRT, FUMES, WATER, CONSTRUCTION DEBRIS, ETS., AT ALL TIMES.
- DAMAGED EQUIPMENT WILL BE RESTORED LIKE NEW CONDITION OR REPLACED BY THE CONTRACTOR. 4. CLEAN ALL EQUIPMENT TO PRESENT A "NEW" CONDITION AT PROJECT COMPLETION. VACUUM, CLEAN INTERNAL AREAS OF EQUIPMENT RACKS AND ENCLOSURES.
- 5. CONTRACTOR IS REQUIRED TO ACCOMMODATE INCIDENTAL MOVEMENT OF THE FIELD DEVICES AS
- DIRECTED BY THE ARCHITECT FROM THE LOCATION INDICATED UP TO 10 FEET PROVIDED THE DEVICE ROUGH IN HAS NOT COMMENCED. 6. NO CONDUIT LARGER THAN 2" SHALL BE USED FOR THE HORIZONTAL STRUCTURED CABLE.
- 7. ALL TELECOMMUNICATIONS CONDUIT SHALL HAVE LONG RADIUS BENDS. 8. ELECTRICAL METALLIC TUBING (EMT); CONDUIT SHALL BE FORMED FROM COLD-ROLLED STRIP STEEL, AND SHALL MEET ANSI AND UL REQUIREMENTS. FITTINGS IN DRY LOCATIONS MAY BE SCRES TYPE WITH INSULATED PLACTIC BUSHINGS. BENDS WILL BE AT LEAST TEN (10) TIMES THE INTERNAL DIAMETER OF THE
- 9. ALL WIRE RUNS SHOULD FOLLOW THE SHORTEST PATH POSSIBLE. IF ANY RUNS EXCEED 90 METERS, OR LENGHTS SPECIFIED IN THE REFERENCE AND REGULATIONS, THE CONTRACTOR SHOULD NOTIFY THE
- ARCHITECT IMMEDIATELY. 10. CABLE TRAYS ARE TO BE MOUNTED TO SUPPORT WIRING ABOVE AND BETWEEN THE RACKS AND WALL
- FIELD. ALL WIRING SHOULD BE RUN THROUGH THE CABLE TRAY AND DROP DOWN AT THE POINT OF TERMINATION.
- 11. REFERENCE FUNITURE/ARCHITECURAL DRAWINGS FOR DIMENSIONING OF FLOOR BOXES AND OTHER
- DEVICES. 12. REFERENCE ELECTRICAL DRAWINGS FOR COORDINATION OF POWER.

SECURITY GENERAL NOTES:

- 1. INDICATED MOUNTING HEIGHTS ARE FOR DESIGN PURPOSES ONLY. COORDINATE FINAL MOUNTING HEIGHT OF ALL EQUIPMENT WITH SURROUNDING EQUIPMENT AND SURROUNDING CONDITIONS. MOUNTING HEIGHTS
- INDICATED ARE TO CENTER OF BOX. 2. CABLE WILL BE CMP. 3. STORE EQUIPMENT IN A CLEAN AND DRY PLACE UNTIL READY FOR INSTALLATION.
- 4. PROTECT FROM WEATHER, THEFT, DIRT, FUMES, WATER, CONSTRUCTION DEBRIS, ETC., AT ALL TIMES. DAMAGED EQUIPMENT WILL BE RESTORED TO LIKE NEW CONDITION OR REPLACED BY THE CONTRACTOR.
- 5. CLEAN ALL EQUIPMENT TO PRESENT A "NEW" CONDITION AT PROJECT COMPLETION. VACUUM, CLEAN INTERNAL AREAS OF EQUIPMENT RACKS AND ENCLOSURES.
- 6. CONTRACTOR IS REQUIRED TO ACCOMMODATE INCIDENTAL MOVEMENT OF THE FIELD DEVICES AS DIRECTED BY THE ARCHITECT FROM THE LOCATION INDICATED UP TO 10 FEET PROVIDED THE DEVICE ROUGH IN HAS NOT COMMENCED. 7. MINIMUM CONDUIT SIZE FOR A SINGLE DEVICE IS 3/4" U.O.N. WHERE PRACTICAL, SIMILAR DEVICES MAY BE
- GROUPED TOGETHER AND CONDUIT SIZE INCREASED TO COMPLY WITH NEC CONDUIT FILL REQUIREMENTS. PROVIDE CONTINUOUS CONDUIT RUN BACK TO HEAD END LOCATION.
- 8. REFER TO RISER DIAGRAMS FOR ADDITIONAL WIRING REQUIREMENTS. FURNISH AND INSTALL ALL ADDITIONAL WIRING REQUIRED TO COMPLETE THE RISERS. 9. ELECTRICAL METALLIC TUBING (EMT); CONDUIT SHALL BE FORMED FROM COLD-ROLLED STRIP STEEL, AND
- SHALL MEET ANSI AND UL REQUIREMENTS. FITTINGS IN DRY LOCATIONS MAY BE SCREW TYPE WITH INSULATED PLASTIC BUSHINGS. BENDS WILL BE AT LEAST TEN (10) TIMES THE INTERNAL DIAMETER OF THE CONDUIT SIZE.
- SCOPE OF WORK, UNLESS OTHERWISE NOTED. 11. COORDINATE THE WORK OF DIVISION 28 WITH ALL OTHER TRADES TO AVOID CONFLICT.

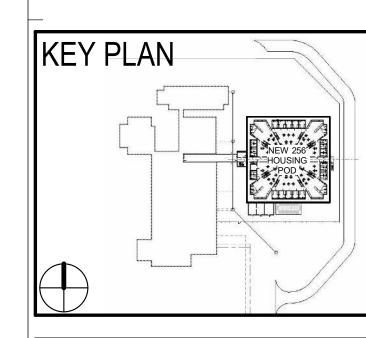
10. ALL WORK SHOWN ON THE LEGEND IS TO BE FURNISHED AND INSTALLED UNDER THE DIVISION 28 SERIES

- 12. ALL WIRE RUNS SHOULD FOLLOW THE SHORTEST PATH POSSIBLE. IF ANY RUNS EXCEED 90 METERS, OR LENGTHS SPECIFIED IN THE REFERENCE AND REGULATIONS THE CONTRACTOR SHOULD NOTIFY THE
- ARCHITECT IMMEDIATELY. 13. WIRING REQUIREMENTS SHOWN ARE FOR REFERENCE ONLY. COORDINATE FINAL REQUIREMENTS WITH
- SECTION SHOP DRAWINGS PRIOR TO INSTALLATION. 14. CATEGORY 6 CABLE LENGTHS SHALL NOT EXCEED 295' IN LENGTH. 15. REFERENCE FURNITURE/ARCHITECTURAL DRAWINGS FOR DIMENSIONING OF FLOOR BOXES AND OTHER
- 16. REFERENCE ELECTRICAL DRAWINGS FOR COORDINATION OR POWER. 17. CONDUITS FOR SECURITY OUTLETS SHALL BE SIZED AS FOLLOWS:

(MAXIMUM NUMBER OF UTP CABLES PER TRADE SIZE)

| • | | J., G, (B. |
|---|--------|------------|
| | 3/4" | 2 |
| | 1" | 4 |
| | 1-1/4" | 7 |
| | 1-1/2" | 9 |
| | 011 | 4.0 |

Professional Seals



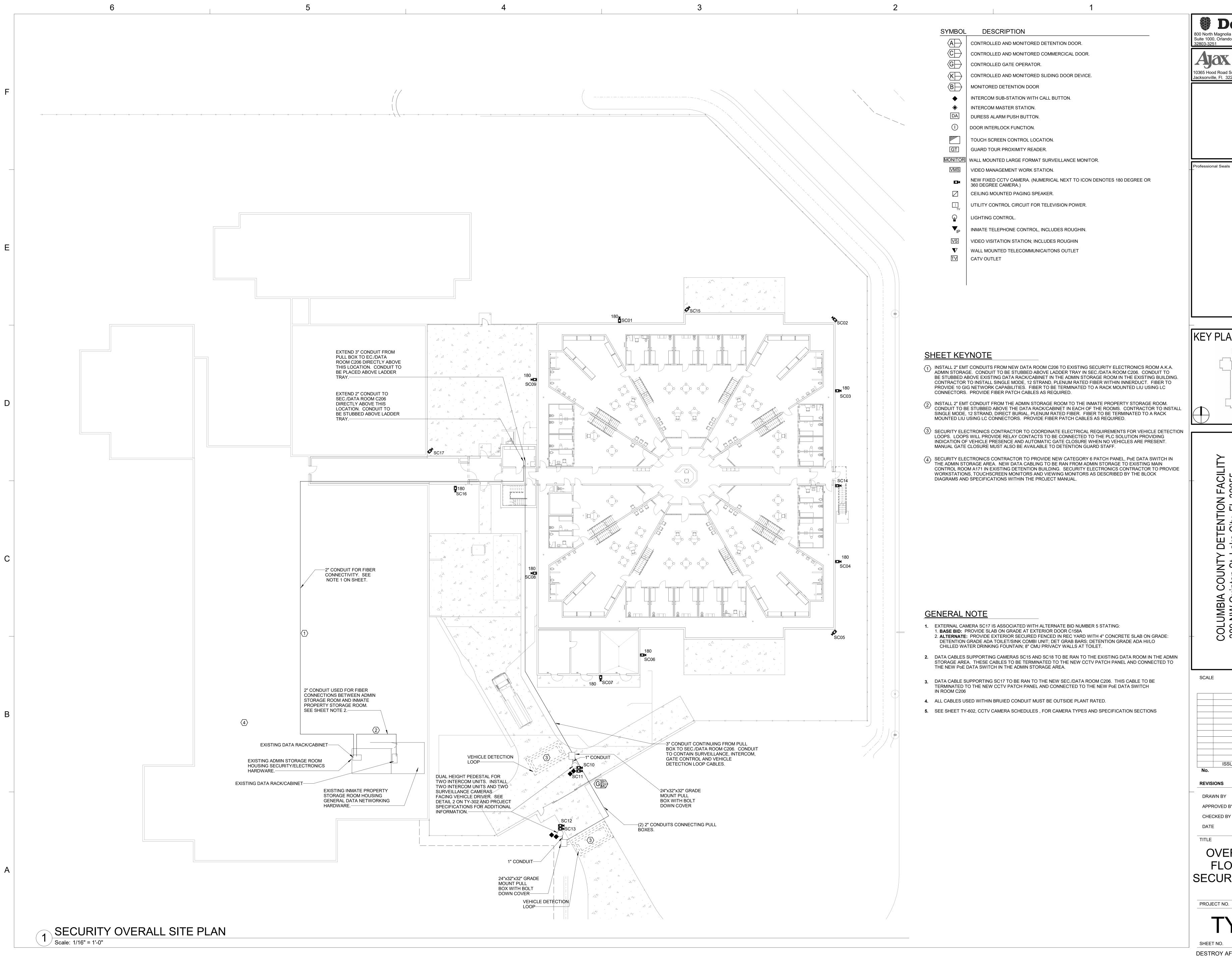
'BOARD SIONERS OUNTY UMBIA NW Qu

SCALE 12" = 1'-0" ISSUED FOR PERMIT 7-24-2020 **REVISIONS**

DRAWN BY LTC APPROVED BY CHECKED BY DATE JULY 24, 2020

LEGEND SHEET -SECURITY

PROJECT NO. 50101397



Suite 1000, Orlando, FL f +1 407.649.8664

10365 Hood Road South Suite 203 t +1 904-262-8660 Jacksonville, Fl. 32257 f +1 904-262-8623

COUNTY BOARD OF COMMISSIONERS

As indicated

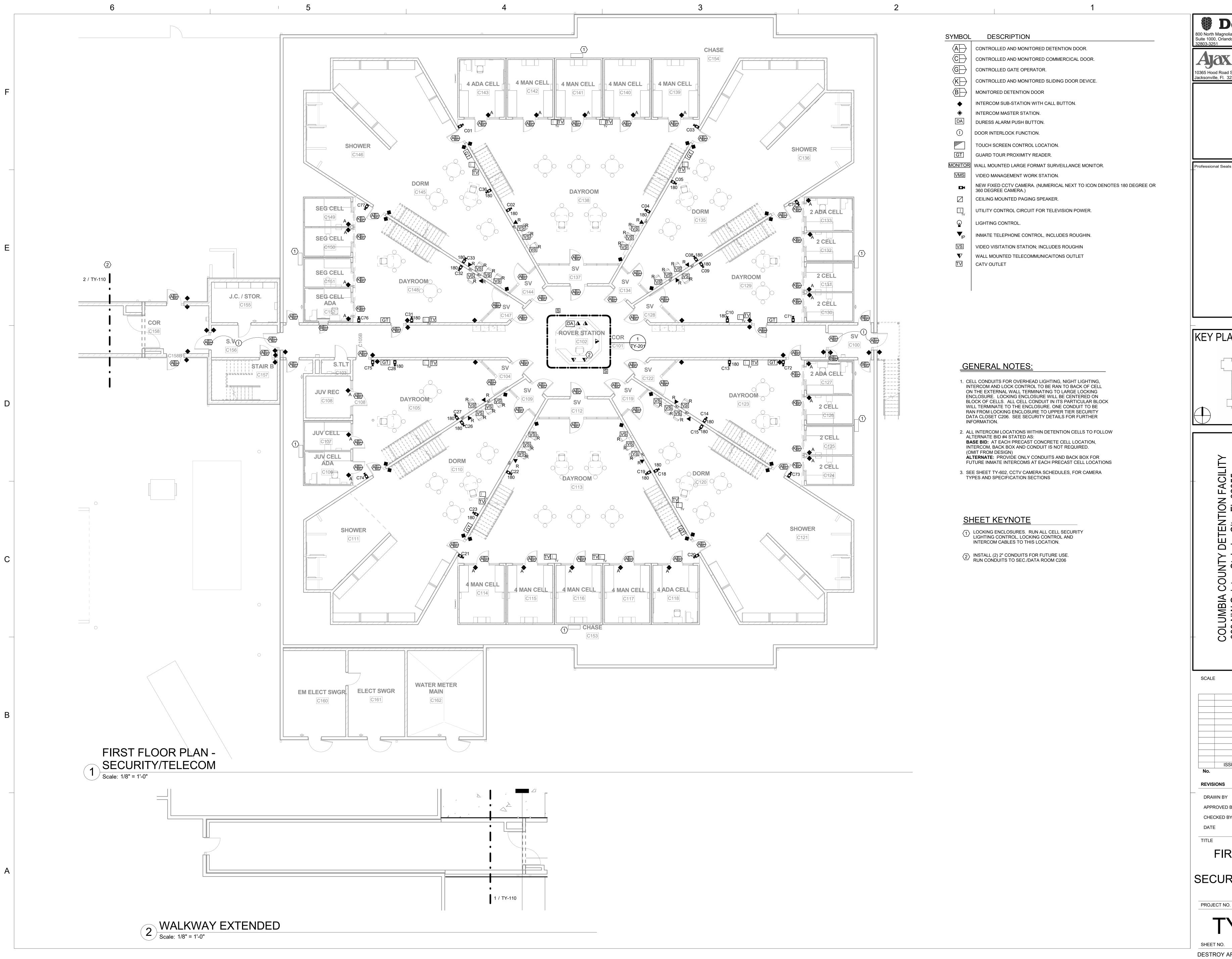
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| | | ISSUED FOR PERMIT | 7-24-2020 | | | | | | |
| | No. | Description | Date | | | | | | |
| | REVISIONS | | | | | | | | |
| _ | DRA | DRAWN BY | | | | | | | |
| | APPF | ROVED BY | JMP | | | | | | |

JULY 24, 2020

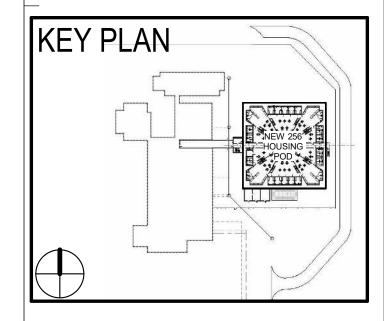
OVERALL FIRST FLOOR PLAN -SECURITY/TELECOM

PROJECT NO.

50101397 TY-100



Dewberry* t +1 407.843.5120 f +1 407.649.8664 Suite 1000, Orlando, FL 32803-3251 10365 Hood Road South Suite 203 t +1 904-262-8660 Jacksonville, Fl. 32257 f +1 904-262-8623 Professional Seals

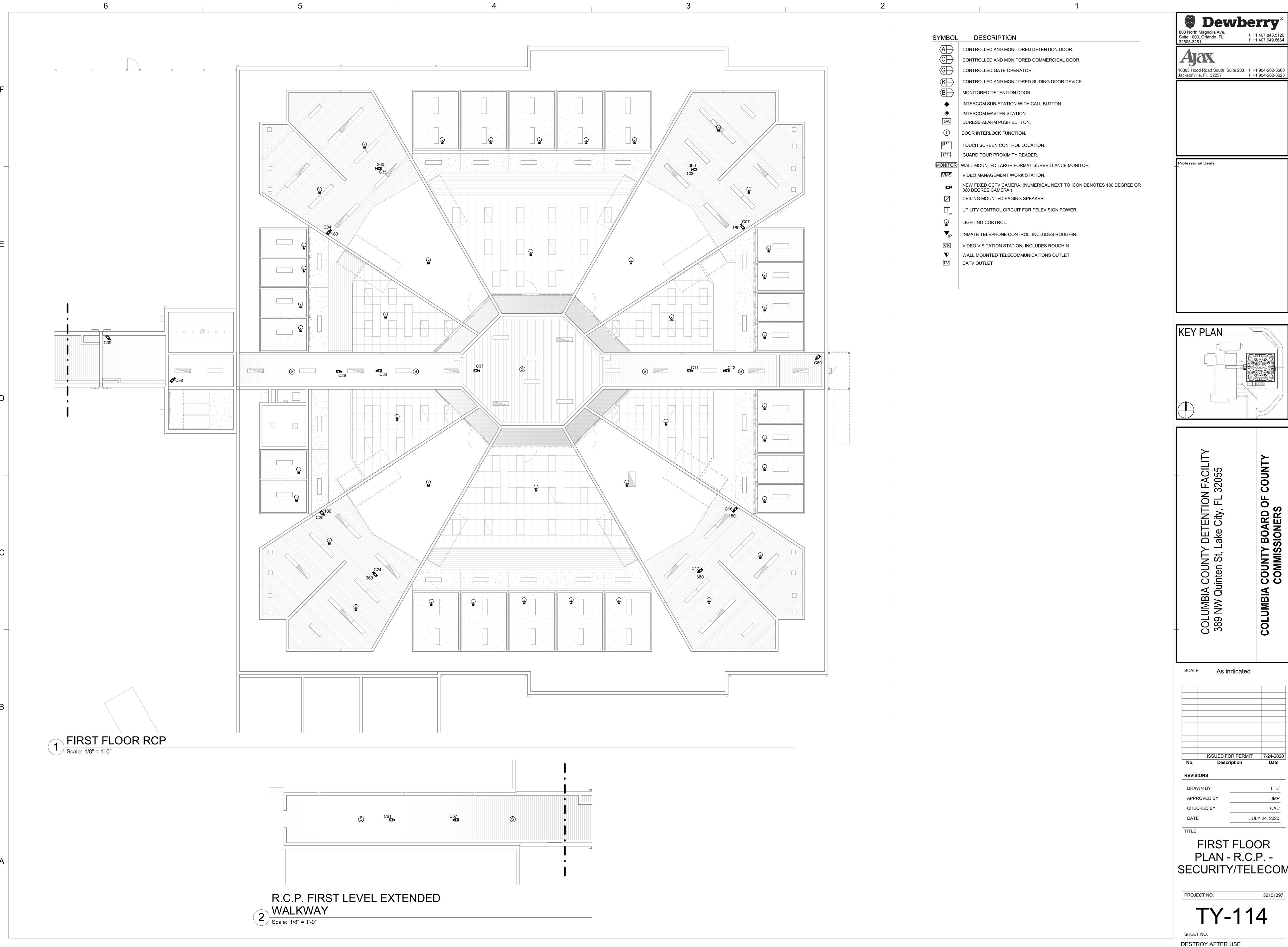


COUNTY BOARD OF COMMISSIONERS

ISSUED FOR PERMIT 7-24-2020 **REVISIONS** APPROVED BY CHECKED BY JULY 24, 2020 FIRST FLOOR PLAN -SECURITY/TELECOM

As indicated

50101397 TY-110



Dewberry800 North Magnolia Ave.
Suite 1000, Orlando, FL
32803-3251

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KEY PLAN

COLUMBIA COUNTY BOARD OF COUNT COMMISSIONERS

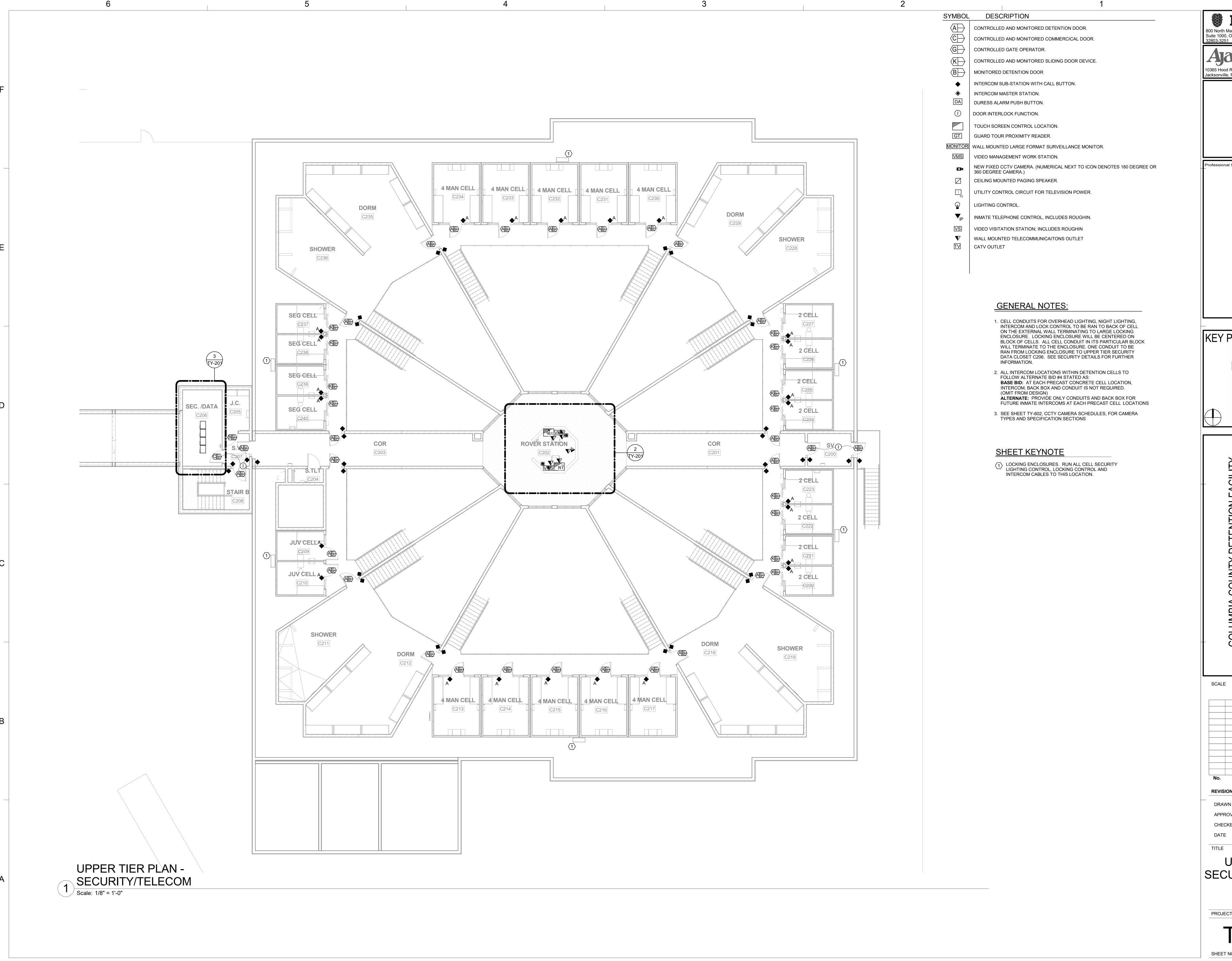
ISSUED FOR PERMIT 7-24-2020

Description Date APPROVED BY CHECKED BY JULY 24, 2020

As indicated

FIRST FLOOR PLAN - R.C.P. -SECURITY/TELECOM

PROJECT NO. 50101397



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f +1 904-262-8623 Jacksonville, Fl. 32257

Professional Seals

KEY PLAN

COUNTY BOARD OF COMMISSIONERS

As indicated

ISSUED FOR PERMIT 7-24-2020 **REVISIONS**

APPROVED BY

CHECKED BY JULY 24, 2020

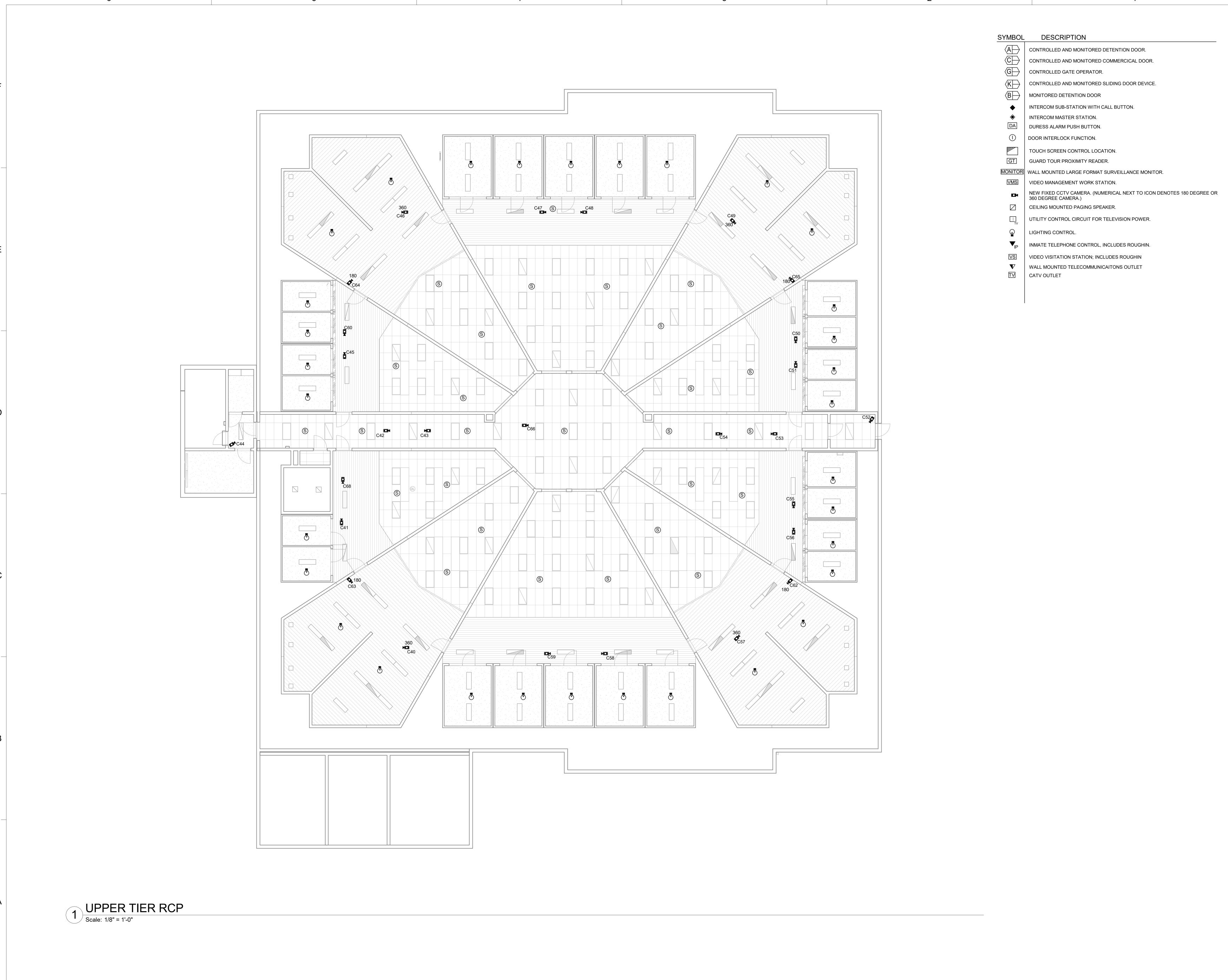
UPPER TIER -SECURITY/TELECOM

LTC

50101397

PROJECT NO.

TY-120



Dewberry* 800 North Magnolia Ave. Suite 1000, Orlando, FL 32803-3251 t +1 407.843.5120 f +1 407.649.8664

10365 Hood Road South Suite 203 t +1 904-262-8660 Jacksonville, Fl. 32257 f +1 904-262-8623

Professional Seals

KEY PLAN

COLUMBIA COUNTY BOARD OF COUNT COMMISSIONERS

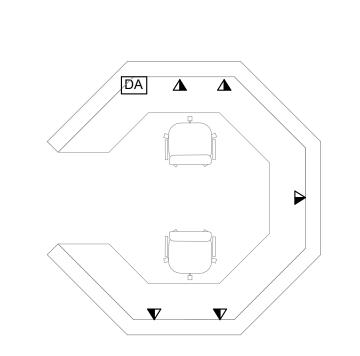
APPROVED BY CHECKED BY JULY 24, 2020

As indicated

SCALE

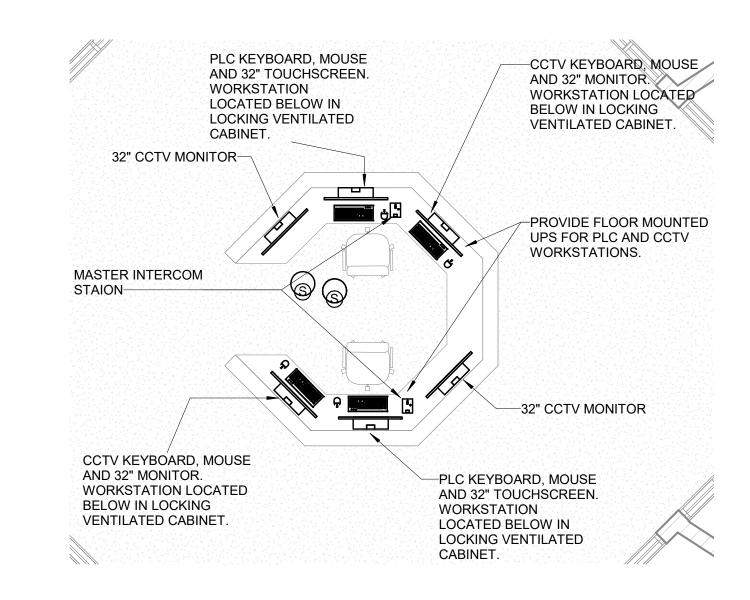
UPPER TIER -R.C.P. -SECURITY/TELECOM

PROJECT NO. 50101397

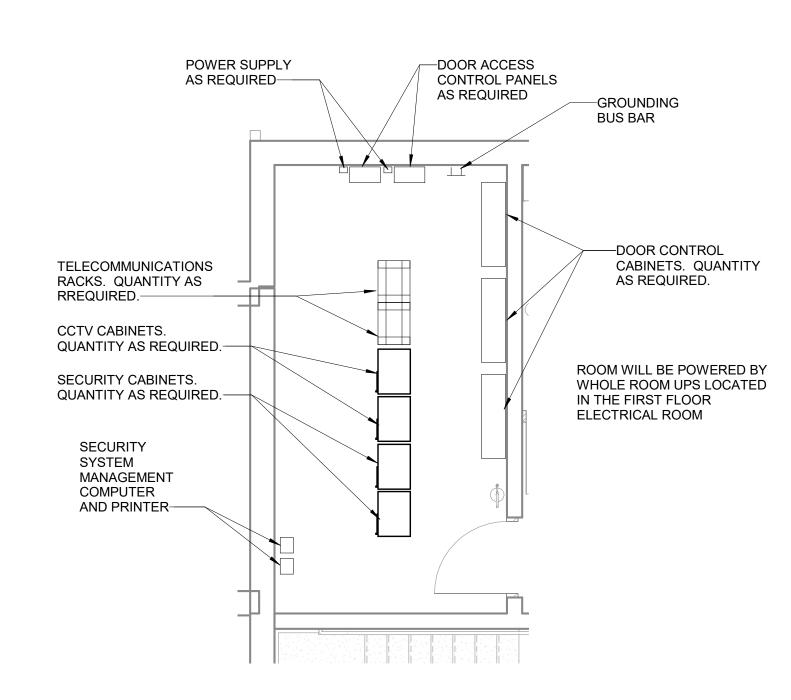


FIRST FLOOR PLAN -SECURITY/TELECOM - ROVER STATION - L.S.P.

Scale: 1/4" = 1'-0"

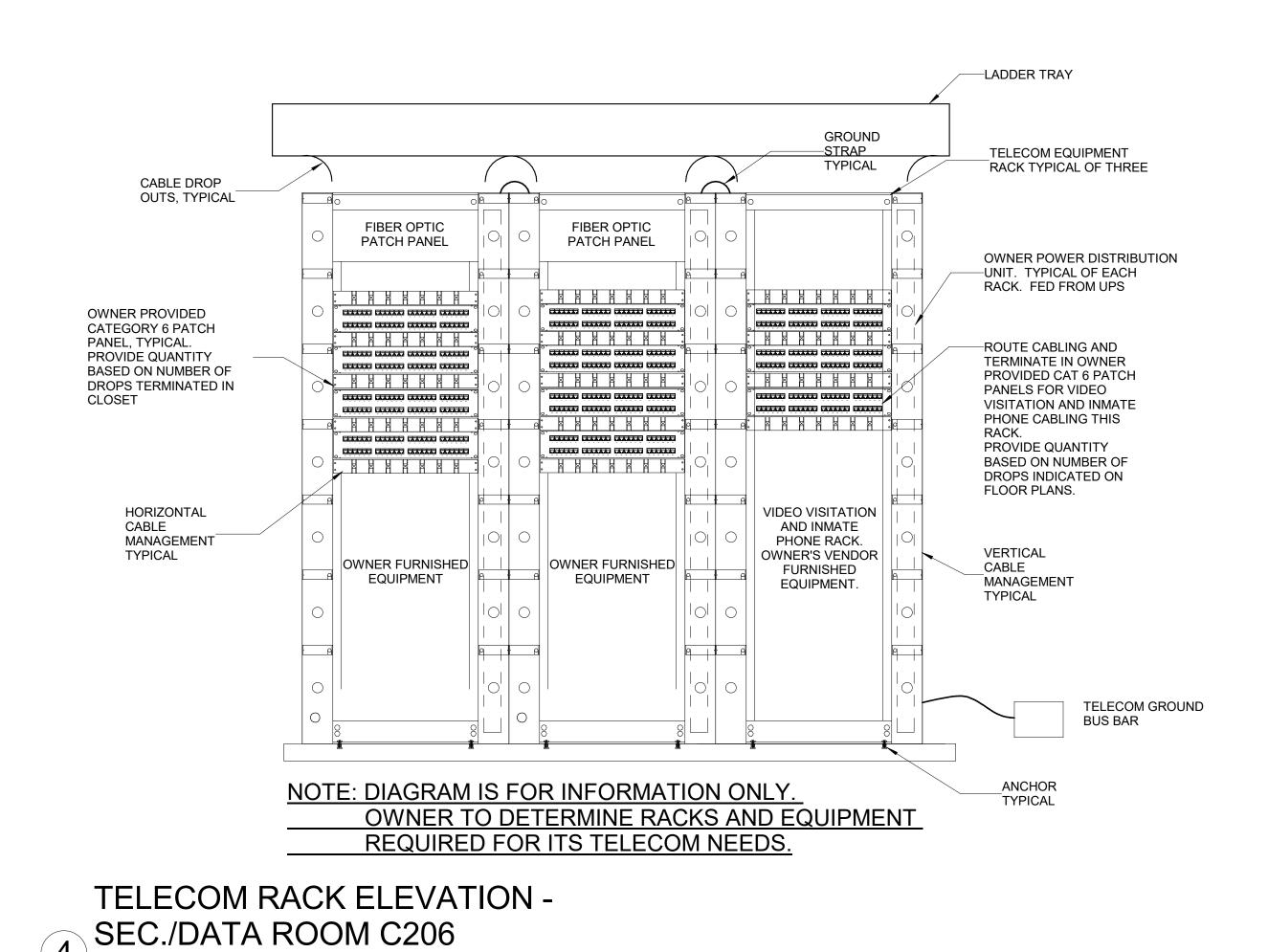


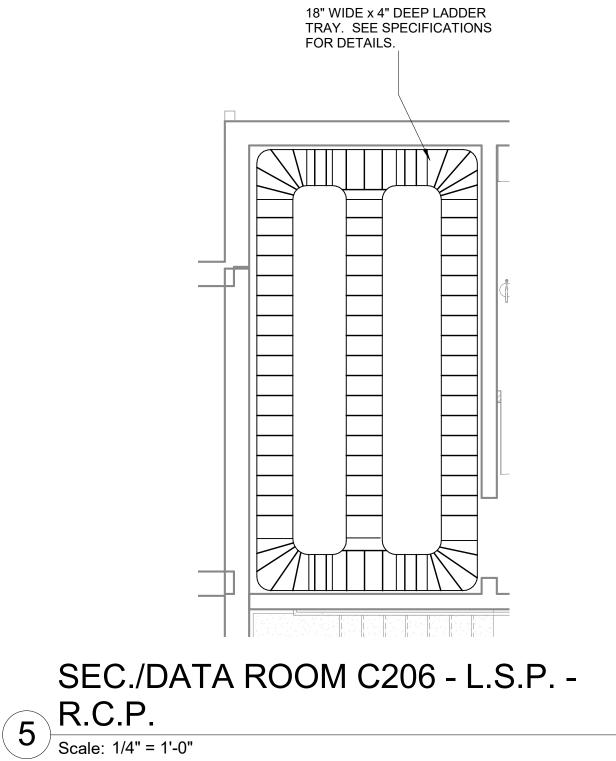
UPPER TIER PLAN -SECURITY/TELECOM - ROVER 2 STATION - L.S.P.
Scale: 1/4" = 1'-0"

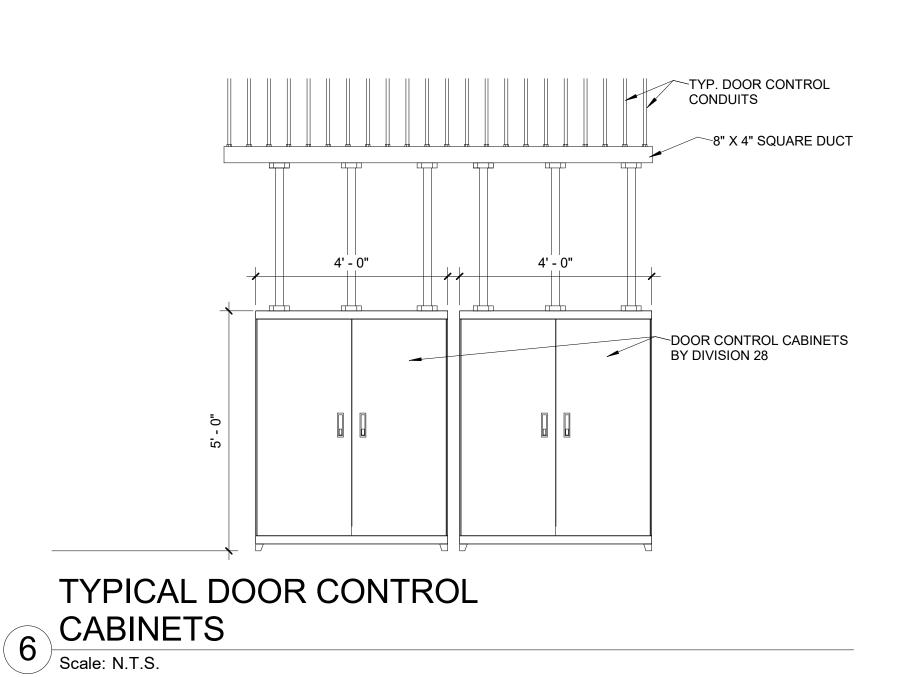


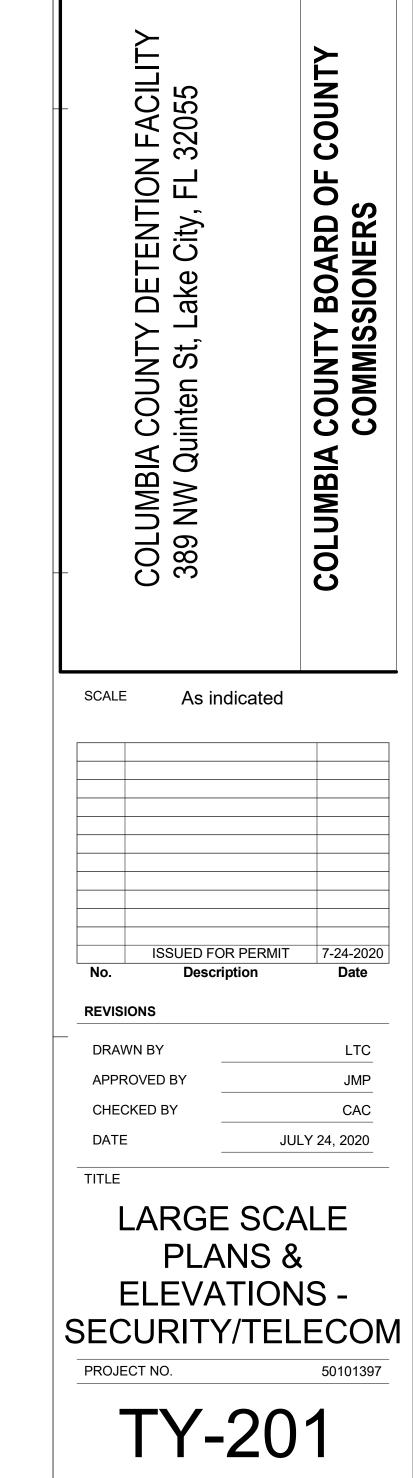
UPPER TIER PLAN -SECURITY/TELECOM - SEC./DATA 3 RM C206 - L.S.P.

√ Scale: 1/4" = 1'-0"









DESTROY AFTER USE

Dewberry

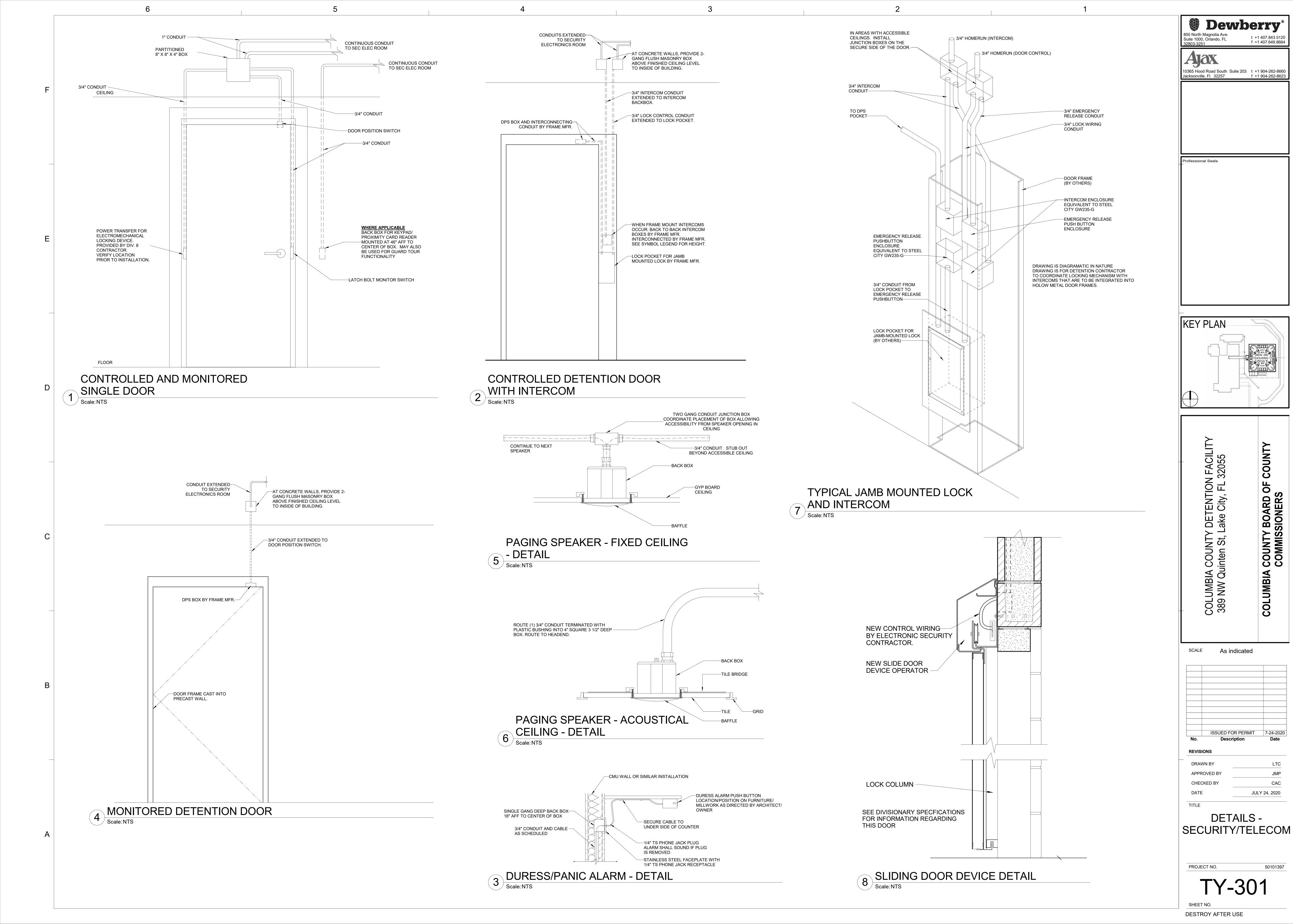
Jacksonville, Fl. 32257

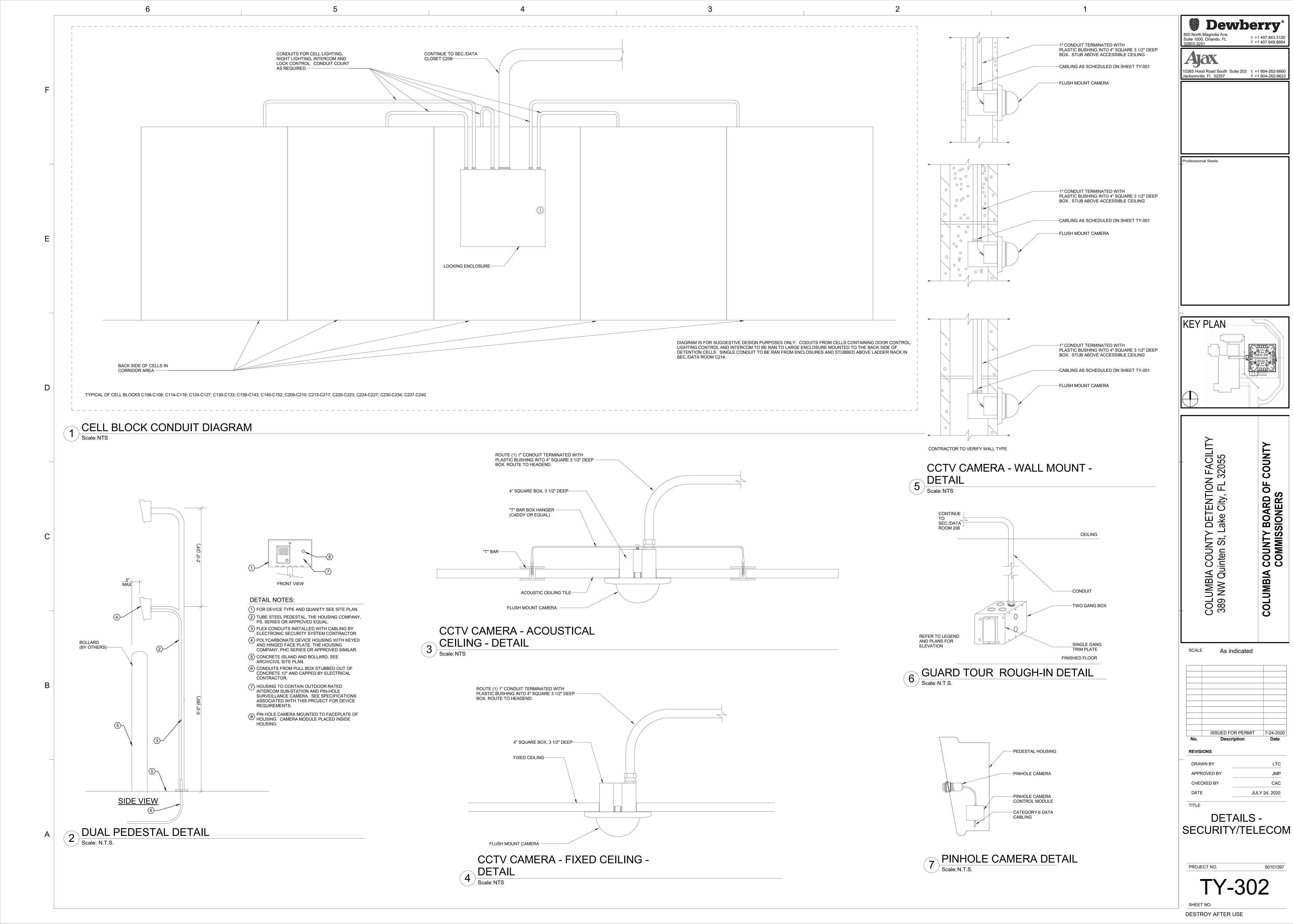
Professional Seals

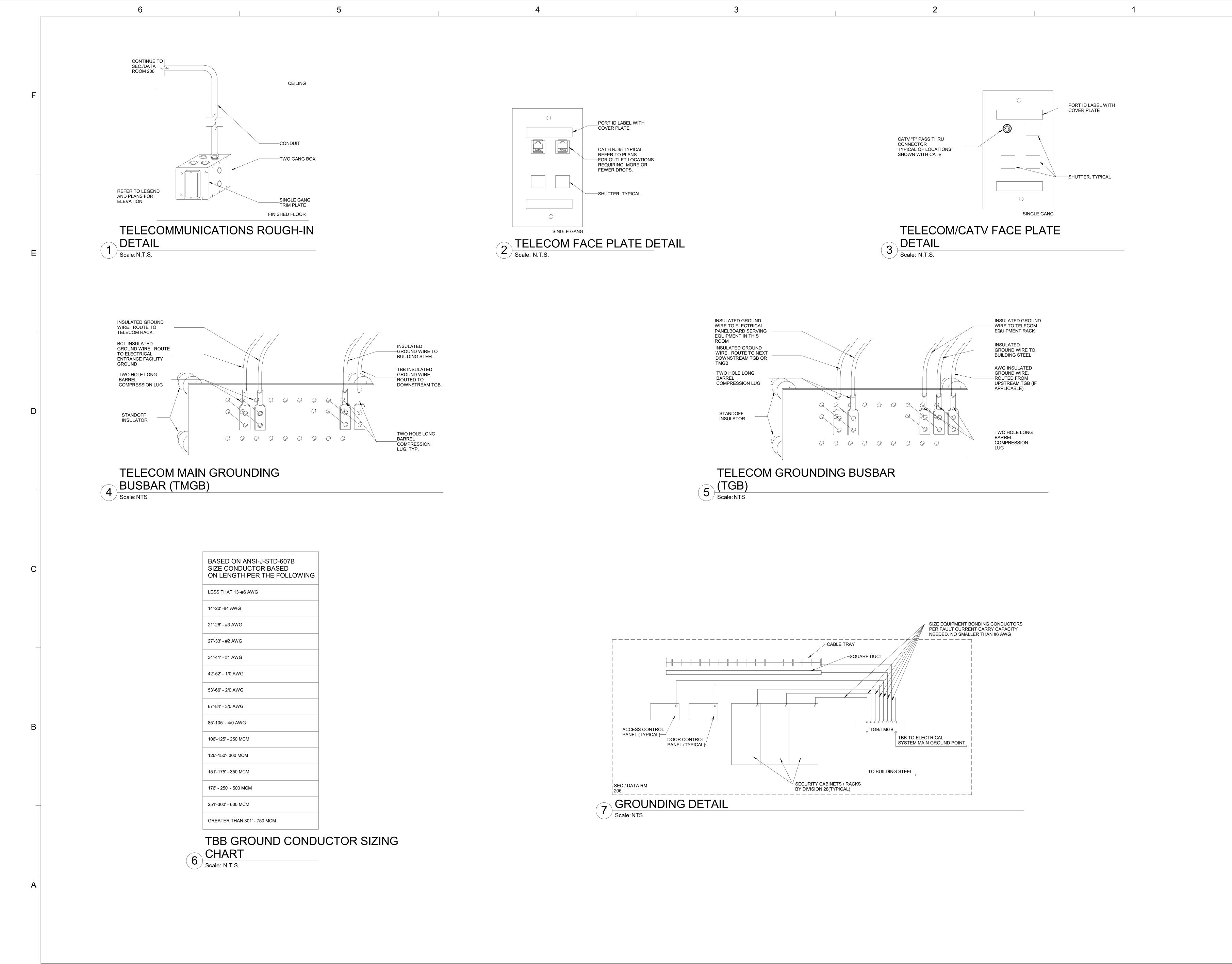
KEY PLAN

f +1 407.649.8664

f +1 904-262-8623







Professional Seals KEY PLAN COUNTY BOARD OF COMMISSIONERS As indicated

Dewberry*

10365 Hood Road South Suite 203 t +1 904-262-8660 Jacksonville, Fl. 32257 f +1 904-262-8623

Suite 1000, Orlando, FL 32803-3251 t +1 407.843.5120 f +1 407.649.8664

TY-303

SHEET NO.

DESTROY AFTER USE

ISSUED FOR PERMIT

DETAILS -

SECURITY/TELECOM

JULY 24, 2020

50101397

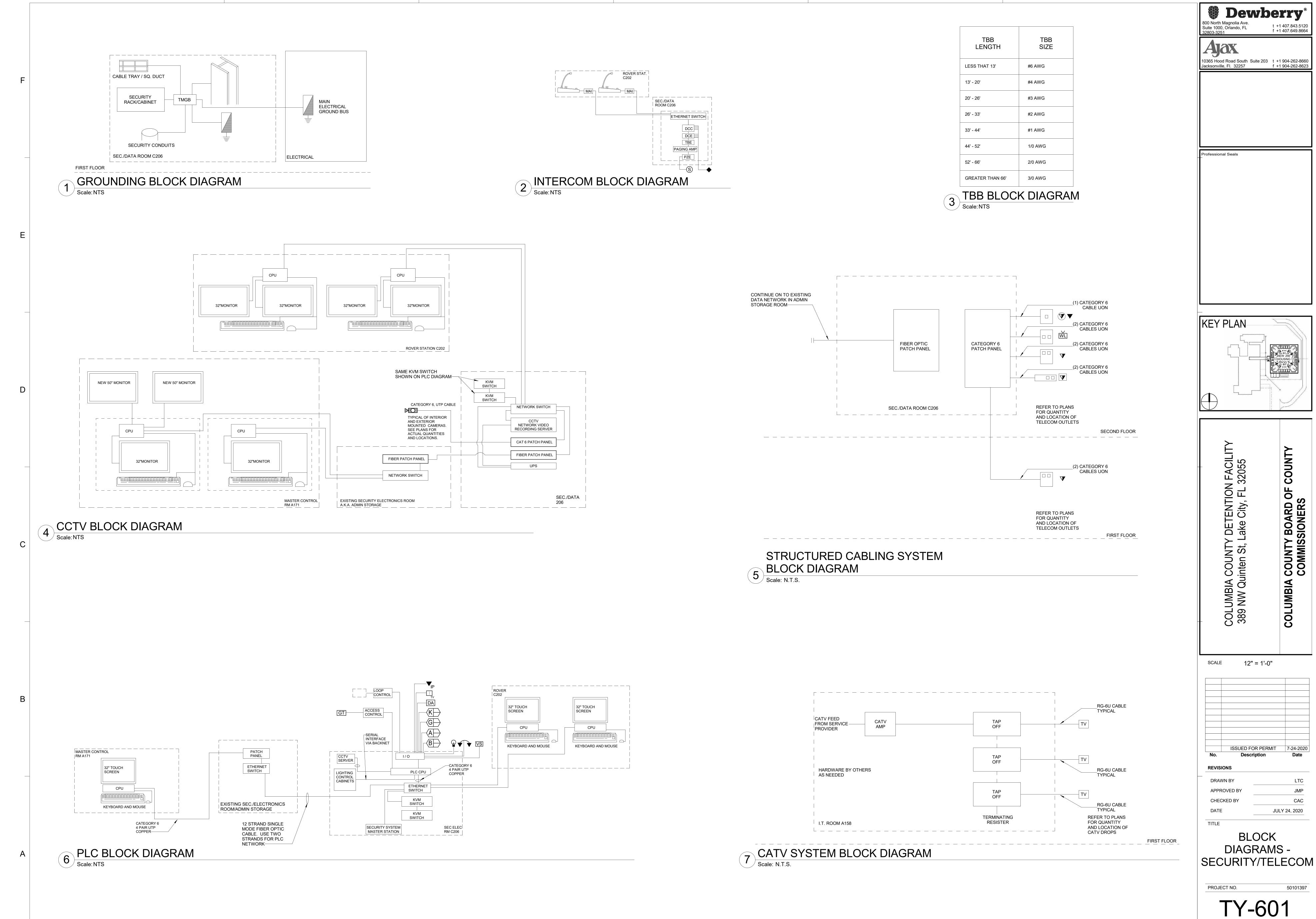
REVISIONS

APPROVED BY

CHECKED BY

PROJECT NO.

DATE



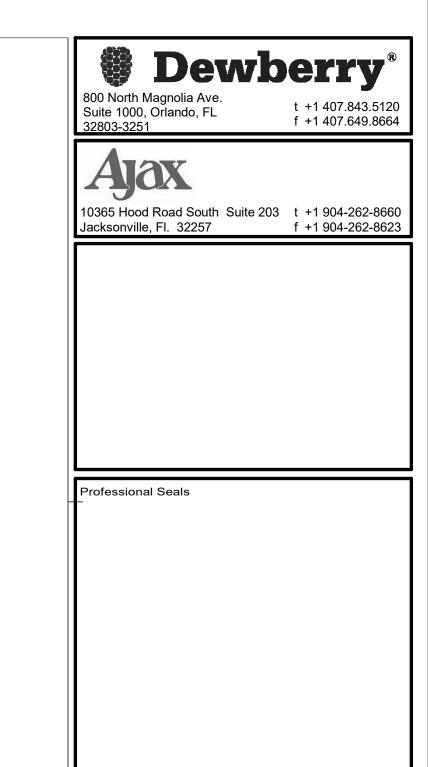
f +1 407.649.8664 10365 Hood Road South Suite 203 t +1 904-262-8660 f +1 904-262-8623

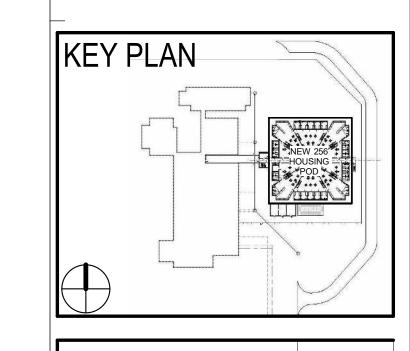
LTC

CAC JULY 24, 2020

| | | | li | ndoor Video Survei | llance Camera Schedule | |
|------------|---|----------------------|------------------------------|--------------------|---|--|
| Camera # | Camera Type | Mounting | Specification Section | | Monitoring | Intended View |
| C01 | Indoor Fixed Camera | 87" AFF | 282313 - 2.2 | N/A | Rover Station C202/Master Control | Detention Cells C138 |
| C02 | Indoor 180 Degree Camera | 144" AFF | 282313 - 2.3 | N/A | Rover Station C202/Master Control | Overall Dayroom C138 |
| C03 | Indoor Fixed Camera | 87" AFF | 282313 - 2.2 | N/A | Rover Station C202/Master Control | |
| C04 C05 | Indoor 180 Degree Camera | 144" AFF 144" AFF | 282313 - 2.3 | N/A N/A | Rover Station C202/Master Control Rover Station C202/Master Control | • |
| C05 | Indoor 180 Degree Camera Indoor 360 Degree Camera | CEILING | 282313 - 2.3 282313 - 2.3 | N/A N/A | | Bunk Area and Overall Dorm C135 |
| C07 | Indoor 180 Degree Camera | CEILING | 282313 - 2.3 | N/A | Rover Station C202/Master Control | |
| C08 | Indoor 180 Degree Camera | 144" AFF | 282313 - 2.3 | N/A | Rover Station C202/Master Control | |
| C09 | Indoor 180 Degree Camera | 144" AFF | 282313 - 2.3 | N/A | Rover Station C202/Master Control | Overall Dayroom C129/Detenetion Cells |
| C10 | Indoor 180 Degree Camera | 144" AFF | 282313 - 2.3 | N/A | | Overall Dayroom C129/Detenetion Cells |
| C11 | Indoor Fixed Camera Indoor Fixed Camera | CEILING | 282313 - 2.2 | N/A N/A | | Print East Corridor Facing External Door |
| C12 C13 | Indoor Fixed Camera Indoor 180 Degree Camera | CEILING 144" AFF | 282313 - 2.2 282313 - 2.3 | N/A N/A | | Print East Corridor Facing Rover Station Overall Dayroom C123/Detention Cells |
| C14 | Indoor 180 Degree Camera | 144" AFF | 282313 - 2.3 | N/A | | Overall Dayroom C123/Detention Cells |
| C15 | Indoor 180 Degree Camera | 144" AFF | 282313 - 2.3 | N/A | Rover Station C202/Master Control | · |
| C16 | Indoor 180 Degree Camera | CEILING | 282313 - 2.3 | N/A | Rover Station C202/Master Control | |
| C17 | Indoor 180 Degree Camera | CEILING | 282313 - 2.3 | N/A | Rover Station C202/Master Control | Overall Dorm and Bunk area C120 |
| C18 | Indoor 180 Degree Camera | 144" AFF | 282313 - 2.3 | N/A | Rover Station C202/Master Control | |
| C19 | Indoor 180 Degree Camera | 144" AFF | 282313 - 2.3 | N/A | Rover Station C202/Master Control | |
| C20 | Indoor Fixed Camera | 87" AFF | 282313 - 2.2 | N/A | | Overall Dorm C120 |
| C21 C22 | Indoor Fixed Camera Indoor 180 Degree Camera | 87" AFF 144" AFF | 282313 - 2.2 282313 - 2.3 | N/A N/A | Rover Station C202/Master Control Rover Station C202/Master Control | |
| C23 | Indoor 180 Degree Camera | 144" AFF | 282313 - 2.3 | N/A N/A | Rover Station C202/Master Control | - |
| C24 | Indoor 360 Degree Camera | CEILING | 282313 - 2.4 | N/A | Rover Station C202/Master Control | |
| C25 | Indoor 180 Degree Camera | CEILING | 282313 - 2.3 | N/A | Rover Station C202/Master Control | |
| C26 | Indoor 180 Degree Camera | 144" AFF | 282313 - 2.3 | N/A | Rover Station C202/Master Control | Overall Dorm C110 |
| C27 | Indoor 180 Degree Camera | 144" AFF | 282313 - 2.3 | N/A | Rover Station C202/Master Control | • |
| C28 | Indoor 180 Degree Camera | 144" AFF | 282313 - 2.3 | N/A | | C105 Detention Cells and Overall Dayroom C105 |
| C29 | Indoor Fixed Camera | CEILING | 282313 - 2.2 | N/A | | Print West Corridor Facing Rover Station |
| C30 C31 | Indoor Fixed Camera Indoor 180 Degree Camera | CEILING 144" AFF | 282313 - 2.2 282313 - 2.3 | N/A N/A | | Print West Corridor Facing External Door C148 Detention Cells/Overall Dayroom C148 |
| C32 | Indoor 180 Degree Camera | 144" AFF | 282313 - 2.3 | N/A | Rover Station C202/Master Control | <u> </u> |
| C33 | Indoor 180 Degree Camera | 144" AFF | 282313 - 2.3 | N/A | Rover Station C202/Master Control | · |
| C34 | Indoor 180 Degree Camera | CEILING | 282313 - 2.3 | N/A | Rover Station C202/Master Control | Shower C146/Dorm C145 |
| C35 | Indoor 360 Degree Camera | CEILING | 282313 - 2.4 | N/A | Rover Station C202/Master Control | C145 Bunk Area/Overall Dorm C145 |
| C36 | Indoor 180 Degree Camera | 144" AFF | 282313 - 2.3 | N/A | Rover Station C202/Master Control | |
| C37 | Indoor 360 Degree Camera | CEILING | 282313 - 2.4 | N/A | Rover Station C202/Master Control | |
| C38 C39 | Indoor Fixed Camera Indoor Fixed Camera | CEILING CEILING | 282313 - 2.2 282313 - 2.2 | N/A N/A | Rover Station C202/Master Control Rover Station C202/Master Control | |
| C40 | Indoor 360 Degree Camera | CEILING | 282313 - 2.4 | N/A | Rover Station C202/Master Control | |
| C41 | Indoor Fixed Camera | CEILING | 282313 - 2.2 | N/A | Rover Station C202/Master Control | |
| C42 | Indoor Fixed Camera | CEILING | 282313 - 2.2 | N/A | Rover Station C202/Master Control | Corridor C203 |
| C43 | Indoor Fixed Camera | CEILING | 282313 - 2.2 | N/A | Rover Station C202/Master Control | Corridor C203 |
| C44 | Indoor Fixed Camera | CEILING | 282313 - 2.2 | N/A | Rover Station C202/Master Control | |
| C45 | Indoor Fixed Camera | CEILING | 282313 - 2.2 | N/A | Rover Station C202/Master Control | |
| C46 C47 | Indoor 360 Degree Camera Indoor Fixed Camera | CEILING CEILING | 282313 - 2.4 282313 - 2.2 | N/A N/A | Rover Station C202/Master Control Rover Station C202/Master Control | |
| C47 | Indoor Fixed Camera | CEILING | 282313 - 2.2 | N/A | Rover Station C202/Master Control | |
| C49 | Indoor 360 Degree Camera | CEILING | 282313 - 2.4 | N/A | Rover Station C202/Master Control | |
| C50 | Indoor Fixed Camera | CEILING | 282313 - 2.2 | N/A | Rover Station C202/Master Control | 2 Man Cells C224-C227 |
| C51 | Indoor Fixed Camera | CEILING | 282313 - 2.2 | N/A | Rover Station C202/Master Control | 2 Man Cells C224-C227 |
| C52 | Indoor Fixed Camera | 107" AFF | 282313 - 2.2 | N/A | Rover Station C202/Master Control | |
| C53 | Indoor Fixed Camera Indoor Fixed Camera | CEILING | 282313 - 2.2 | N/A | Rover Station C202/Master Control | |
| C54 C55 | Indoor Fixed Camera Indoor Fixed Camera | CEILING CEILING | 282313 - 2.2 282313 - 2.2 | N/A N/A | Rover Station C202/Master Control Rover Station C202/Master Control | |
| C56 | Indoor Fixed Camera | CEILING | 282313 - 2.2 | N/A | Rover Station C202/Master Control | |
| C57 | Indoor 360 Degree Camera | CEILING | 282313 - 2.4 | N/A | Rover Station C202/Master Control | |
| C58 | Indoor Fixed Camera | CEILING | 282313 - 2.2 | N/A | Rover Station C202/Master Control | |
| C59 | Indoor Fixed Camera | CEILING | 282313 - 2.2 | N/A | Rover Station C202/Master Control | |
| C60 | Indoor Fixed Camera | CEILING | 282313 - 2.2 | N/A | Rover Station C202/Master Control | + - |
| C61 | Indoor Fixed Camera | CEILING | 282313 - 2.2 | N/A | Rover Station C202/Master Control | • |
| C62 C63 | Indoor 180 Degree Camera | CEILING CEILING | 282313 - 2.3 | N/A N/A | Rover Station C202/Master Control Rover Station C202/Master Control | |
| C64 | Indoor 180 Degree Camera Indoor 180 Degree Camera | CEILING | 282313 - 2.3 282313 - 2.3 | N/A N/A | Rover Station C202/Master Control | |
| C65 | Indoor 180 Degree Camera | CEILING | 282313 - 2.3 | N/A | Rover Station C202/Master Control | |
| C66 | Indoor Fixed Camera | CEILING | 282313 - 2.2 | N/A | Rover Station C202/Master Control | |
| C67 | Indoor Fixed Camera | CEILING | 282313 - 2.2 | N/A | Rover Station C202/Master Control | First Floor Extended Walkway |
| C68 | Indoor Fixed Camera | CEILING | 282313 - 2.2 | N/A | Rover Station C202/Master Control | |
| C69 | Indoor Fixed Camera | CEILING | 282313 - 2.2 | N/A | | Print East Corridor Facing Rover Station |
| C70 | Indoor Fixed Camera | 87" AFF | 282313 - 2.2 | N/A | Rover Station C202/Master Control | |
| C71 C72 | Indoor Fixed Camera | 87" AFF 87" AFF | 282313 - 2.2 | N/A N/A | Rover Station C202/Master Control | |
| C72 | Indoor Fixed Camera Indoor Fixed Camera | 87" AFF 87" AFF | 282313 - 2.2 282313 - 2.2 | N/A N/A | Rover Station C202/Master Control Rover Station C202/Master Control | |
| C74 | Indoor Fixed Camera | 87" AFF | 282313 - 2.2 | N/A | Rover Station C202/Master Control | |
| C75 | Indoor Fixed Camera | 87" AFF | 282313 - 2.2 | N/A | Rover Station C202/Master Control | |
| C76 | Indoor Fixed Camera | 87" AFF | 282313 - 2.2 | N/A | Rover Station C202/Master Control | |
| C77 | Indoor Fixed Camera | 87" AFF | 282313 - 2.2 | N/A | Rover Station C202/Master Control | Level 1 Detention Cells |

| | | | | /ideo Surveillance Car | nora concadio | |
|----------|--------------------------|---------------------------------|--------------------------|------------------------|-----------------------------------|---|
| Camera # | Camera Type | Mounting | Specification Section | Call Up | Monitoring | Intended View |
| SC01 | Outdoor Fixed Camera | 144" AFG | 282313 - 2.5 | N/A | Rover Station C202/Master Control | General Perimeter |
| SC02 | Outdoor Fixed Camera | 144" AFG | 282313 - 2.5 | N/A | Rover Station C202/Master Control | General Perimeter |
| SC03 | 180 Degree External | 144" AFG | 282313 - 2.3 | N/A | Rover Station C202/Master Control | General Perimeter |
| SC04 | 180 Degree External | 144" AFG | 282313 - 2.3 | N/A | Rover Station C202/Master Control | General Perimeter/External Staircase |
| SC05 | Outdoor Fixed Camera | 144" AFG | 282313 - 2.5 | N/A | Rover Station C202/Master Control | General Perimeter |
| SC06 | 180 Degree External | 144" AFG | 282313 - 2.3 | N/A | Rover Station C202/Master Control | General Perimeter |
| SC07 | 180 Degree External | 144" AFG | 282313 - 2.3 | N/A | Rover Station C202/Master Control | General Perimeter/Vehicle at Pedestal |
| SC08 | 180 Degree External | 144" AFG | 282313 - 2.3 | N/A | Rover Station C202/Master Control | General Perimeter/Vehicle Loading/Unloading |
| SC09 | 180 Degree External | 144" AFG | 282313 - 2.3 | N/A | Rover Station C202/Master Control | General Perimeter |
| SC10 | Pedestal Pin Hole Camera | See Dual Height Pedestal Detail | 282313 - 2.7 | Pedestal Intercom | Rover Station C202/Master Control | Vehicle at Pedestal |
| SC11 | Pedestal Pin Hole Camera | See Dual Height Pedestal Detail | 282313 - 2.7 | Pedestal Intercom | Rover Station C202/Master Control | Vehicle at Pedestal |
| SC12 | Pedestal Pin Hole Camera | See Dual Height Pedestal Detail | 282313 - 2.7 | Pedestal Intercom | Rover Station C202/Master Control | Vehicle at Pedestal |
| SC13 | Pedestal Pin Hole Camera | See Dual Height Pedestal Detail | 282313 - 2.7 | Pedestal Intercom | Rover Station C202/Master Control | Vehicle at Pedestal |
| SC14 | Outdoor Fixed Camera | 218" AFG | 282313 - 2.5 | N/A | Rover Station C202/Master Control | Staircase and Door |
| SC15 | Outdoor Fixed Camera | 144" AFG | 282313 - 2.5 | N/A | Rover Station C202/Master Control | General Perimeter |
| SC16 | 180 Degree External | 144" AFG | 282313 - 2.3 | N/A | Rover Station C202/Master Control | General Perimeter |
| SC17 | Outdoor Fixed Camera | 144" AFG | 282313 - 2.5 | N/A | Rover Station C202/Master Control | ALTERNATE #5 REC AREA |





COLUMBIA COUNTY DETENTION FACILITY 389 NW Quinten St, Lake City, FL 32055 COLUMBIA COUNTY BOARD OF COUNTY COLUMBIA COMMISSIONERS

ISSUED FOR PERMIT 7-24-2020

Description Date **REVISIONS** LTC

APPROVED BY CHECKED BY JULY 24, 2020

CCTV CAMERA SCHEDULES-

SECURITY/TELECOM

PROJECT NO. 50101397