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 <sub>IP</sub> (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.

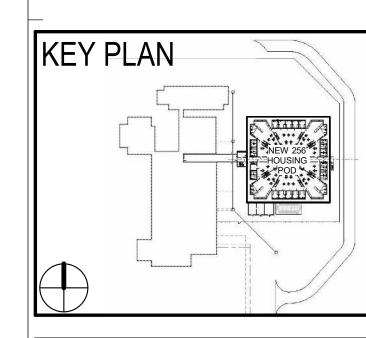
10. ALL WORK SHOWN ON THE LEGEND IS TO BE FURNISHED AND INSTALLED UNDER THE DIVISION 28 SERIES

- 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



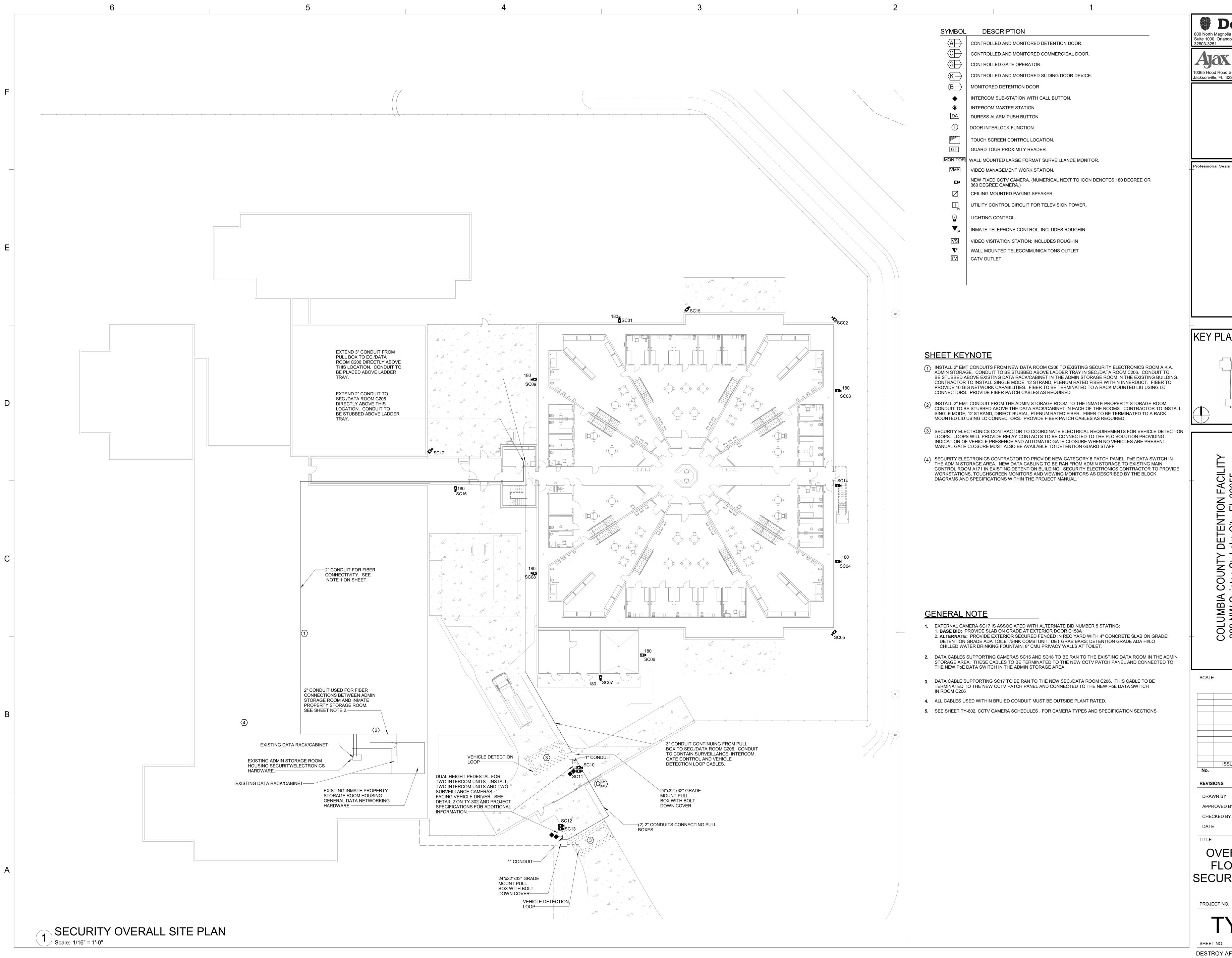
'BOARD SIONERS OUNTY UMBIA NW Qu

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

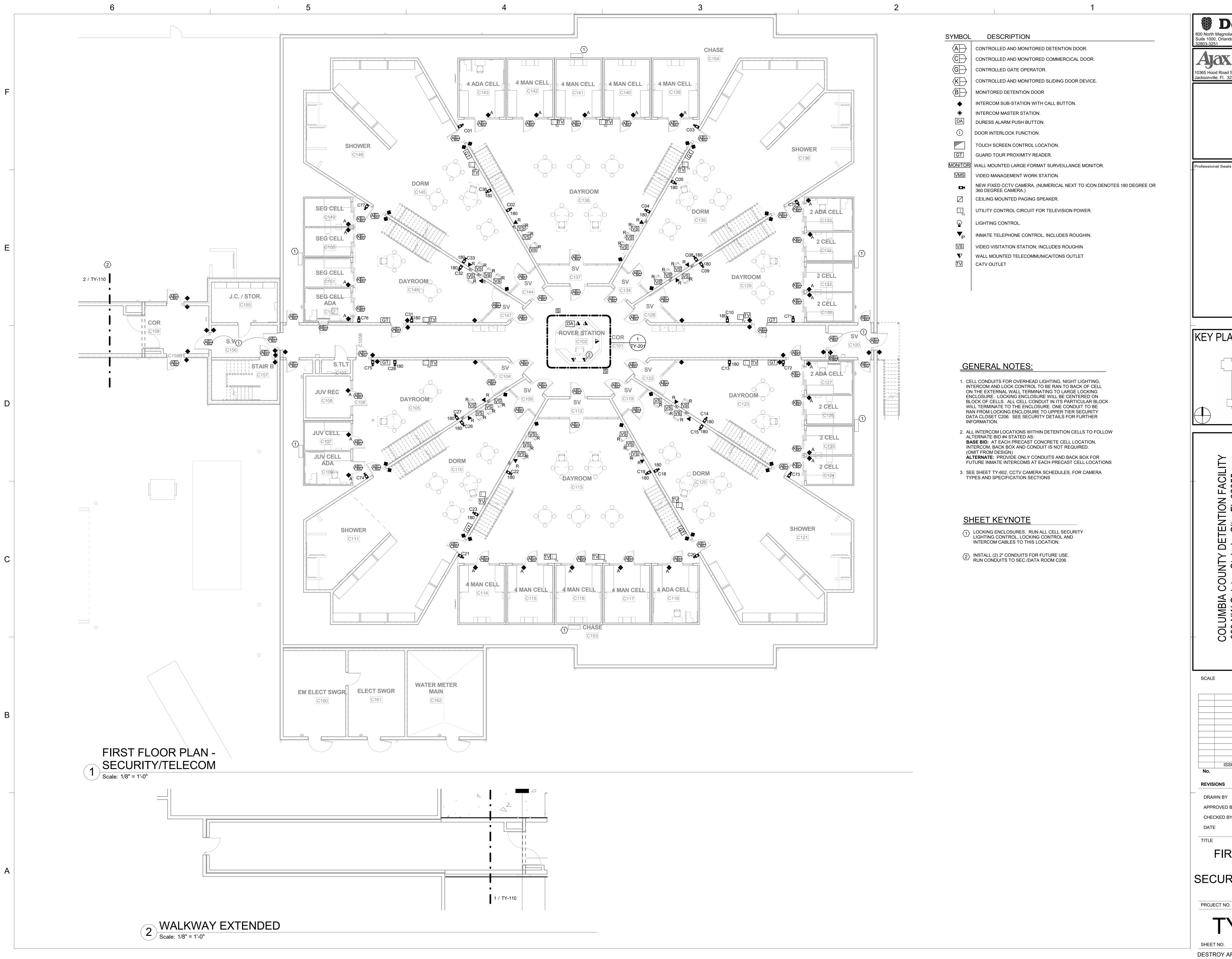
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	APPF	ROVED BY	JMP						

JULY 24, 2020

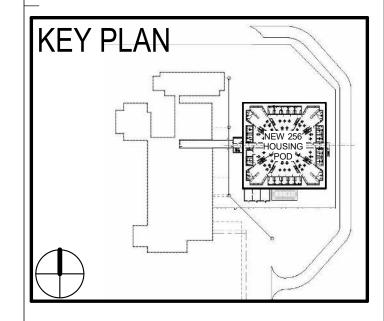
**OVERALL FIRST** FLOOR PLAN -SECURITY/TELECOM

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

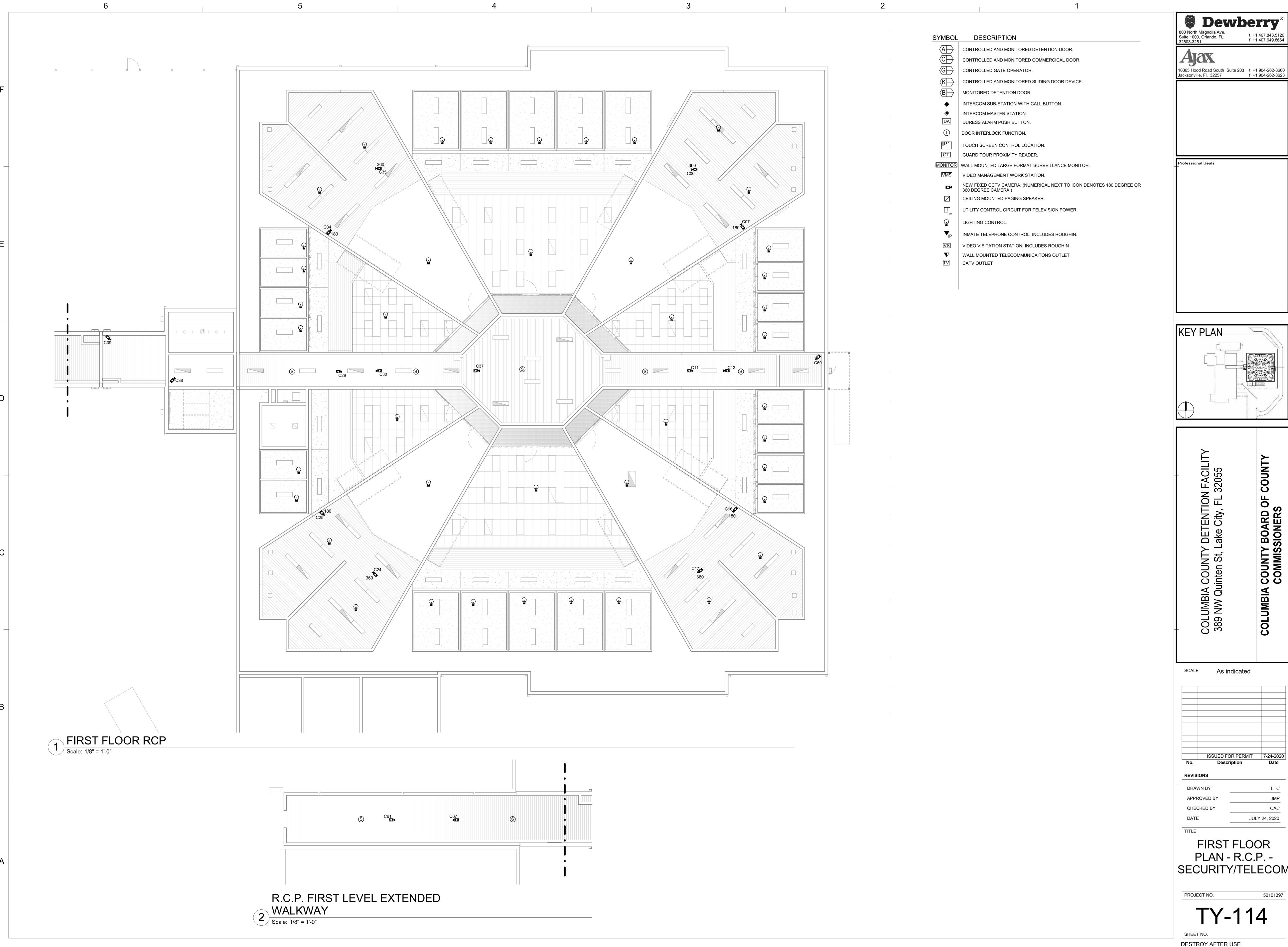


COUNTY BOARD OF COMMISSIONERS

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

As indicated

50101397 TY-110



**Dewberry**800 North Magnolia Ave.
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KEY PLAN

COLUMBIA COUNTY BOARD OF COUNT COMMISSIONERS

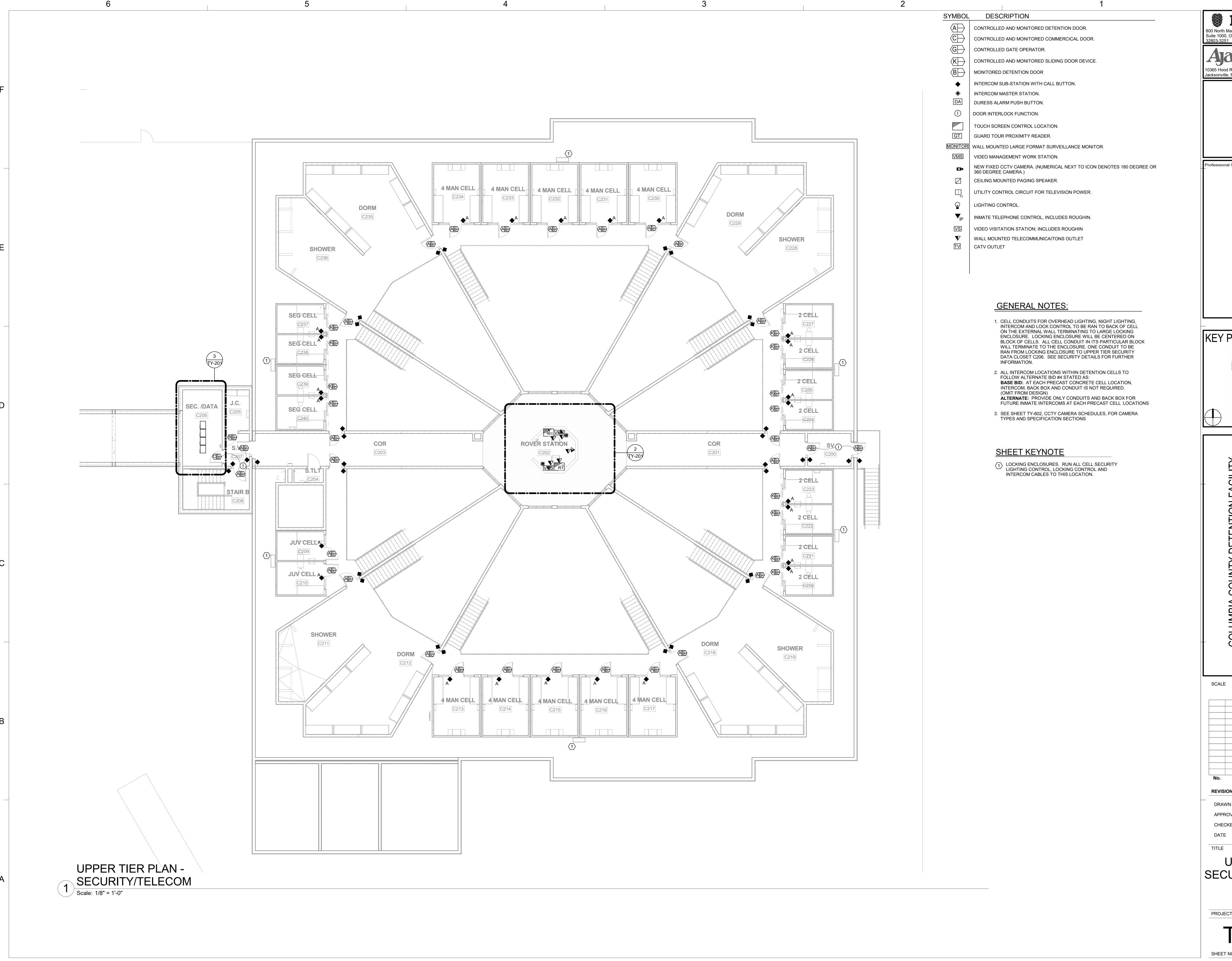
ISSUED FOR PERMIT 7-24-2020

Description Date APPROVED BY CHECKED BY JULY 24, 2020

As indicated

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

PROJECT NO. 50101397



Suite 1000, Orlando, FL 32803-3251 f +1 407.649.8664 10365 Hood Road South Suite 203 t +1 904-262-8660

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

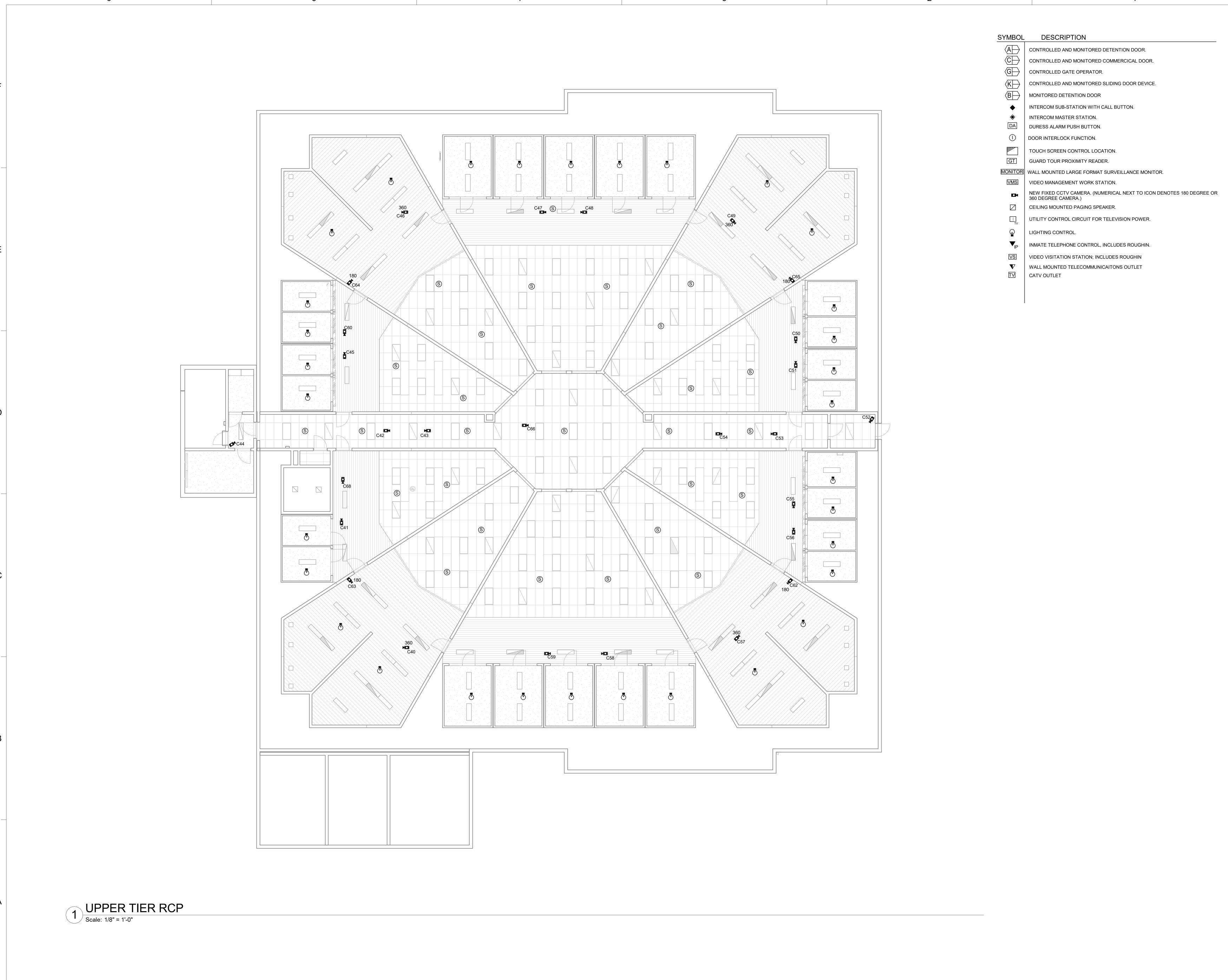
**UPPER TIER -**SECURITY/TELECOM

LTC

50101397

PROJECT NO.

TY-120



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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

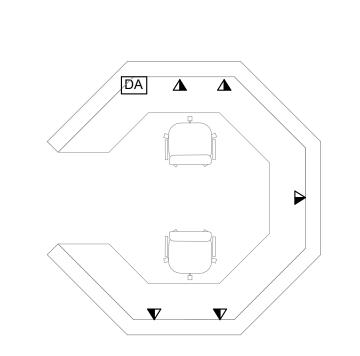
APPROVED BY CHECKED BY JULY 24, 2020

As indicated

SCALE

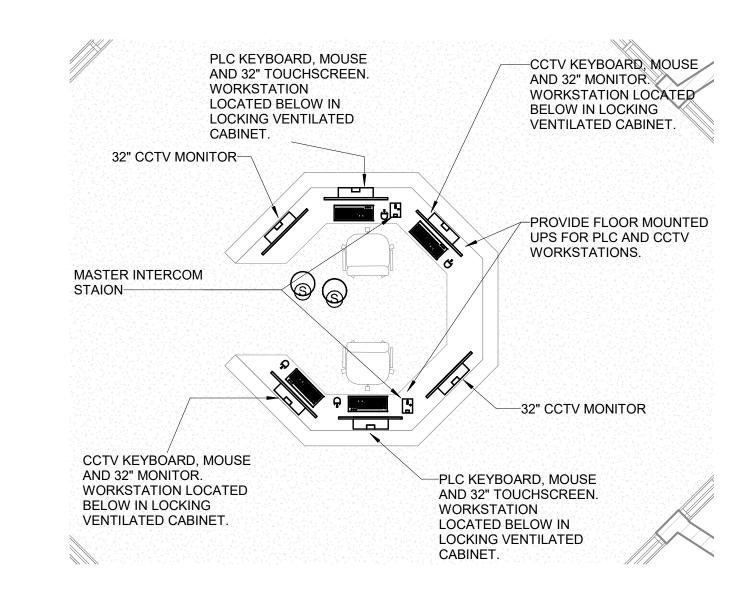
**UPPER TIER -**R.C.P. -SECURITY/TELECOM

PROJECT NO. 50101397

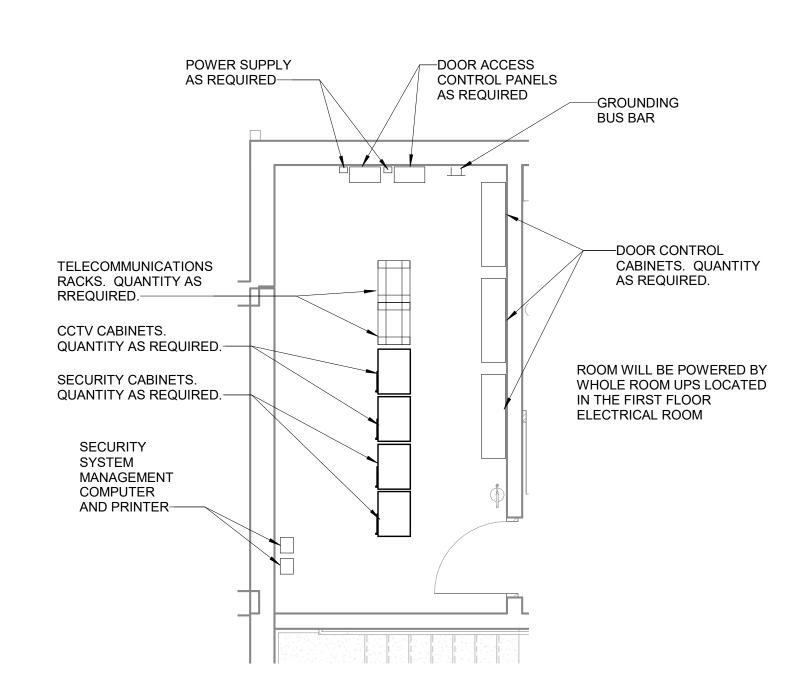


FIRST FLOOR PLAN -SECURITY/TELECOM - ROVER STATION - L.S.P.

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

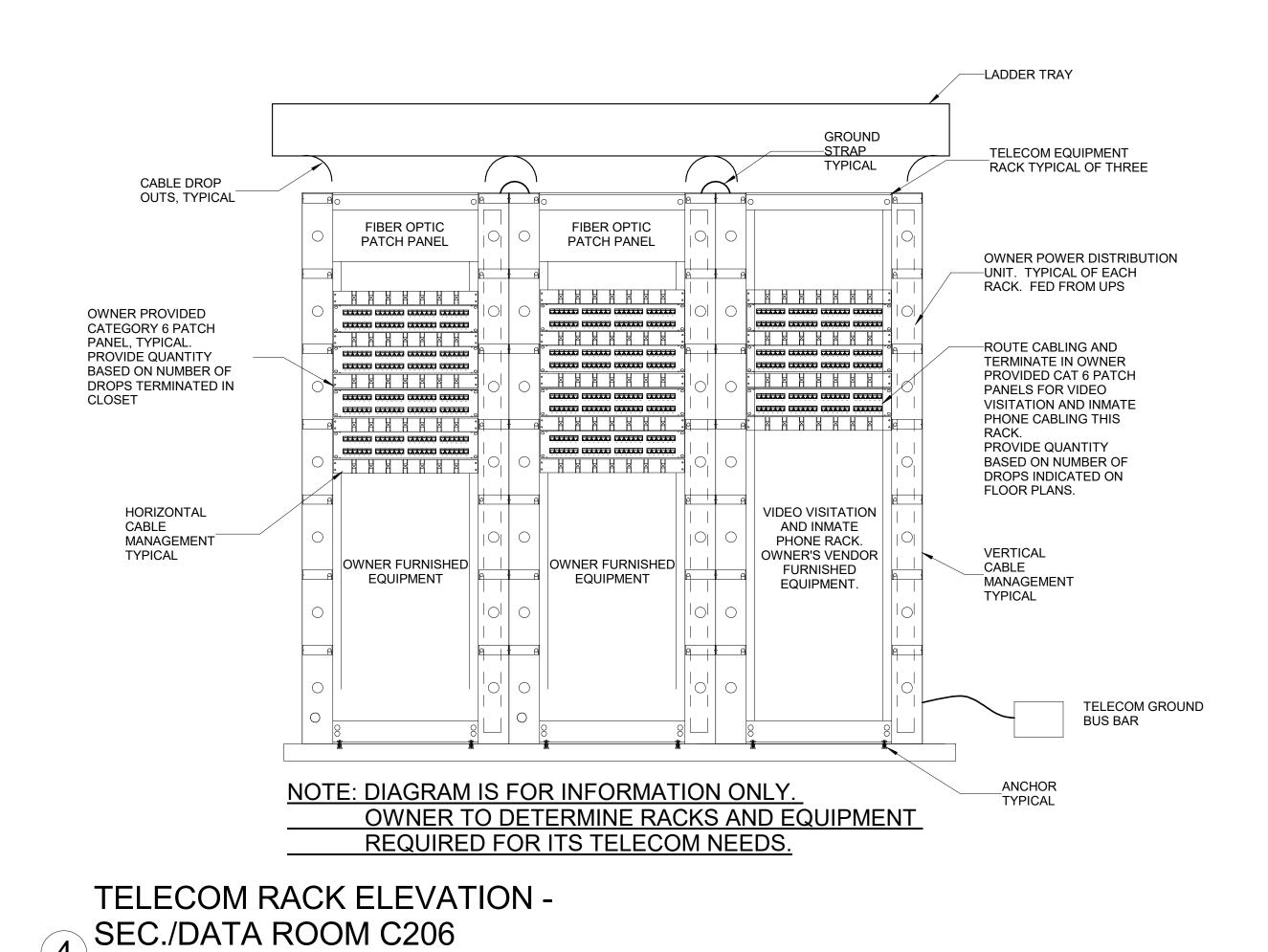


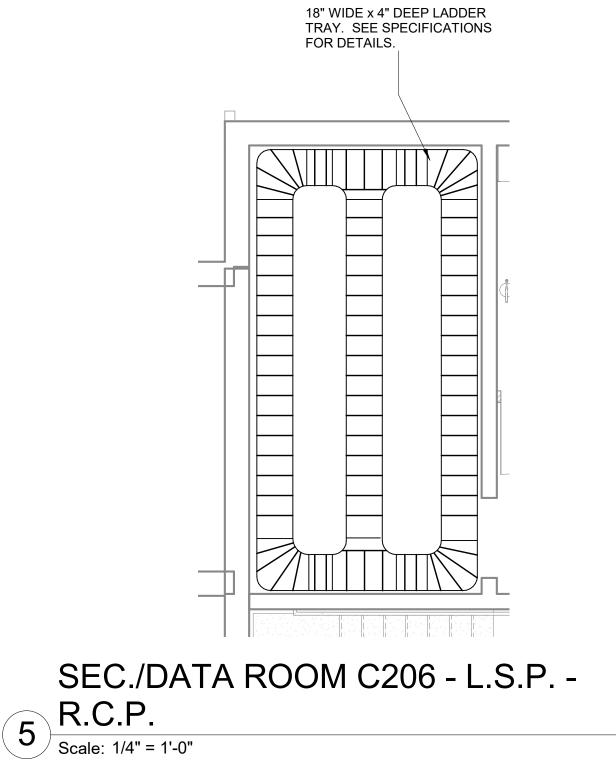
UPPER TIER PLAN -SECURITY/TELECOM - ROVER 2 STATION - L.S.P.
Scale: 1/4" = 1'-0"

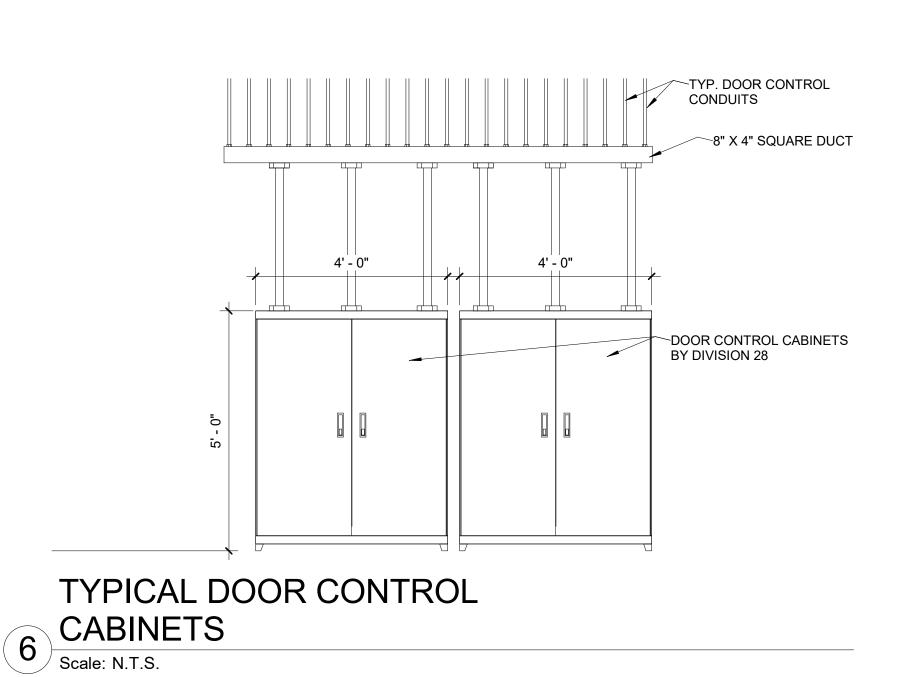


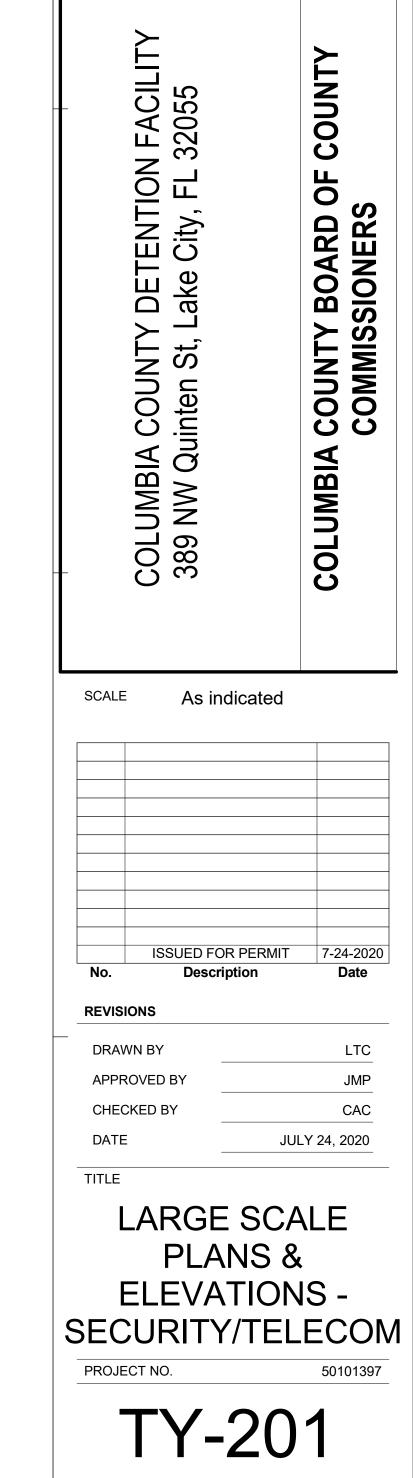
UPPER TIER PLAN -SECURITY/TELECOM - SEC./DATA 3 RM C206 - L.S.P.

√ Scale: 1/4" = 1'-0"









DESTROY AFTER USE

Dewberry

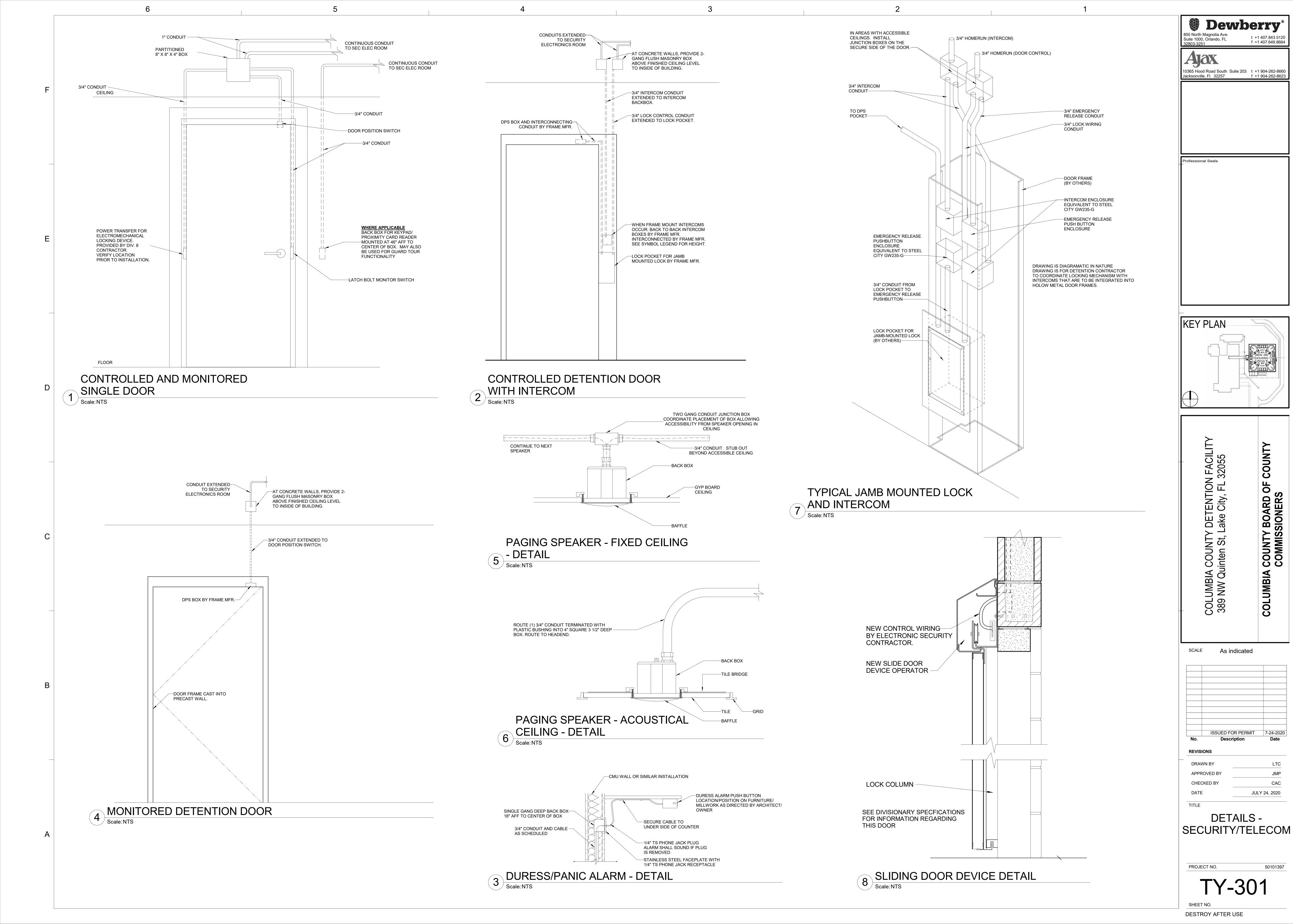
Jacksonville, Fl. 32257

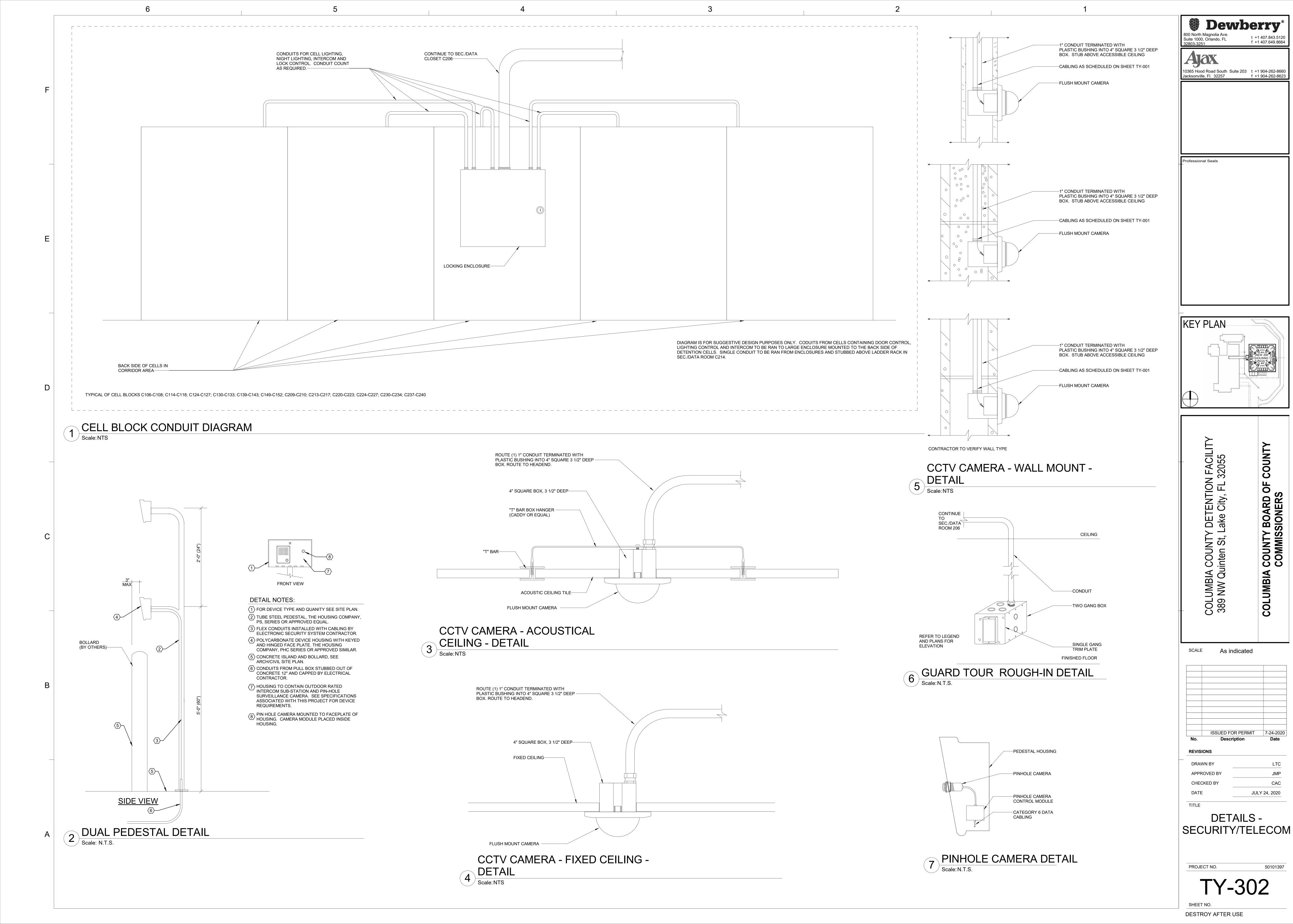
Professional Seals

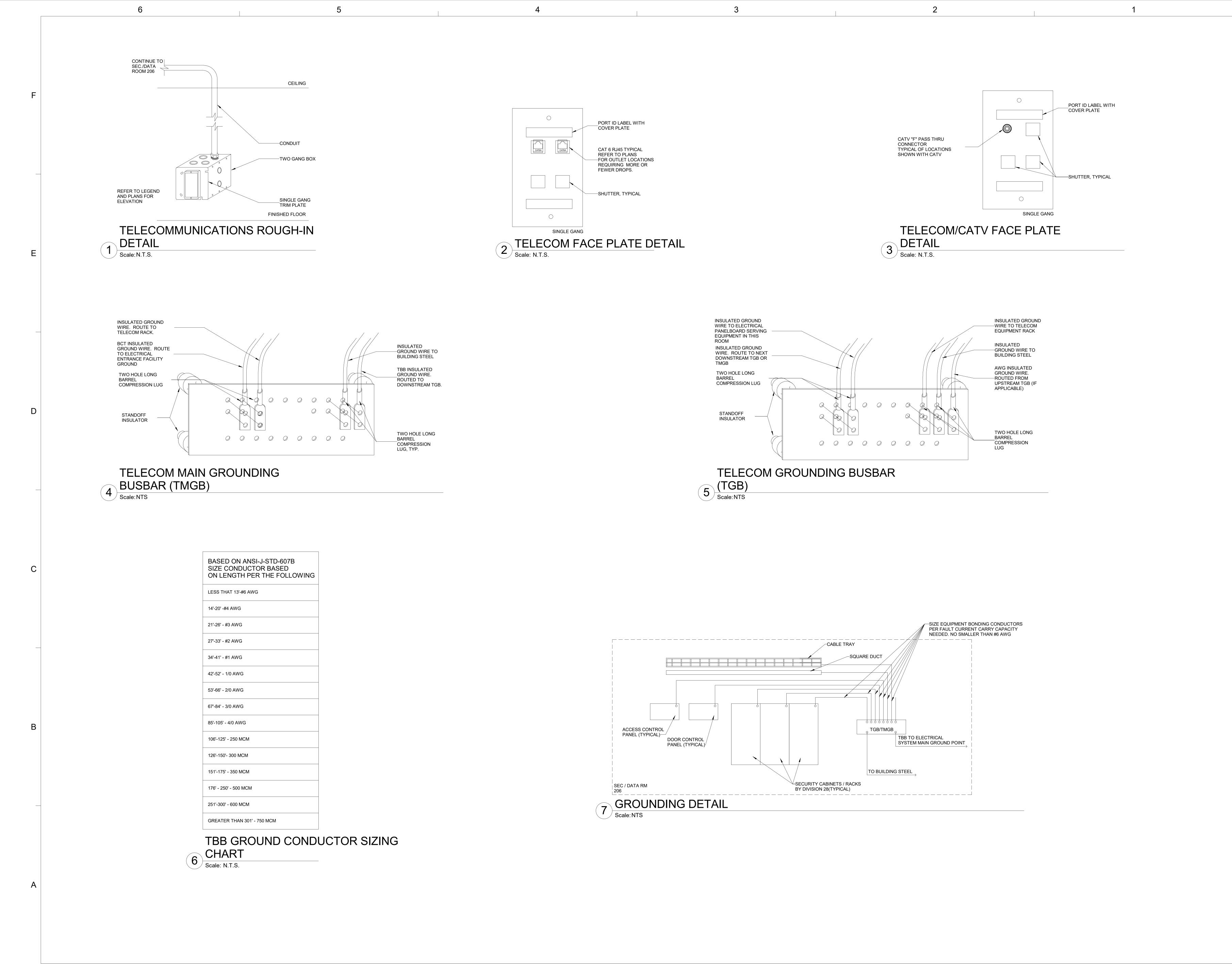
KEY PLAN

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

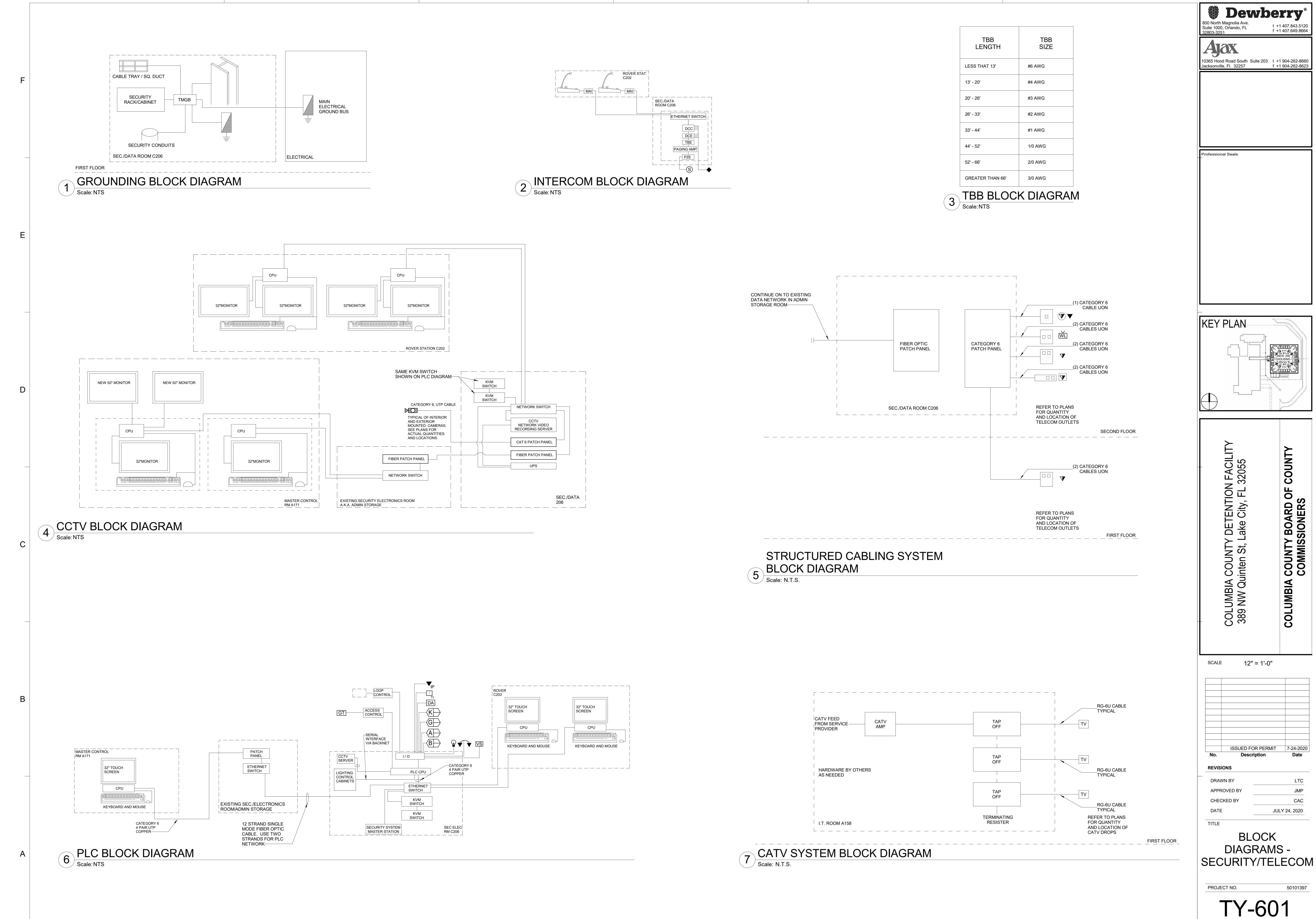
**REVISIONS** 

APPROVED BY

CHECKED BY

PROJECT NO.

DATE



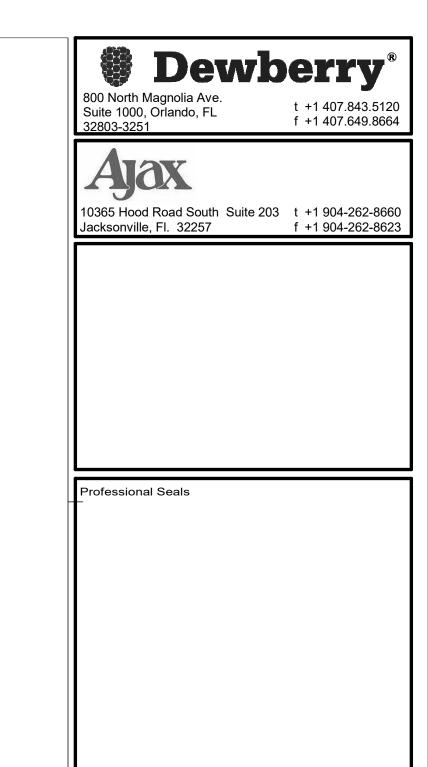
f +1 407.649.8664 10365 Hood Road South Suite 203 t +1 904-262-8660 f +1 904-262-8623

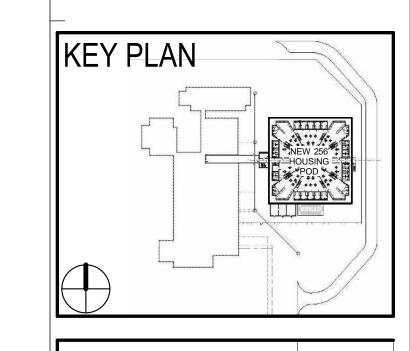
LTC

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