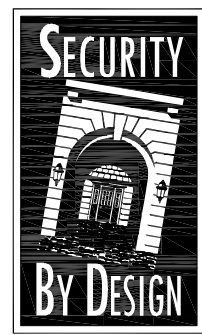




MERCED
BRC & LB
BALANCE OF DOORS



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An Independent Consulting and Design Firm
5528 Pacheco Blvd., Suite B-100
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REGISTRATION

0	08/03/2026	100% CD
ISSUE	DATE	DESCRIPTION

KEY PLAN

PROJECT NUMBER:	MCC250807
ENGINEER:	DMM
DRAFTER:	CMS
CHECKED BY:	JAM
SCALE:	NTS
FILE NAME:	SE0-00_MCC_ADD_DRS

SHEET TITLE

SHEET INDEX
DETAIL LEGEND
& VICINITY MAP

SHEET NUMBER

SE0.00

MERCED COMMUNITY COLLEGE DISTRICT

ACCESS CONTROL SYSTEM

BRC & LB BALANCE OF DOORS

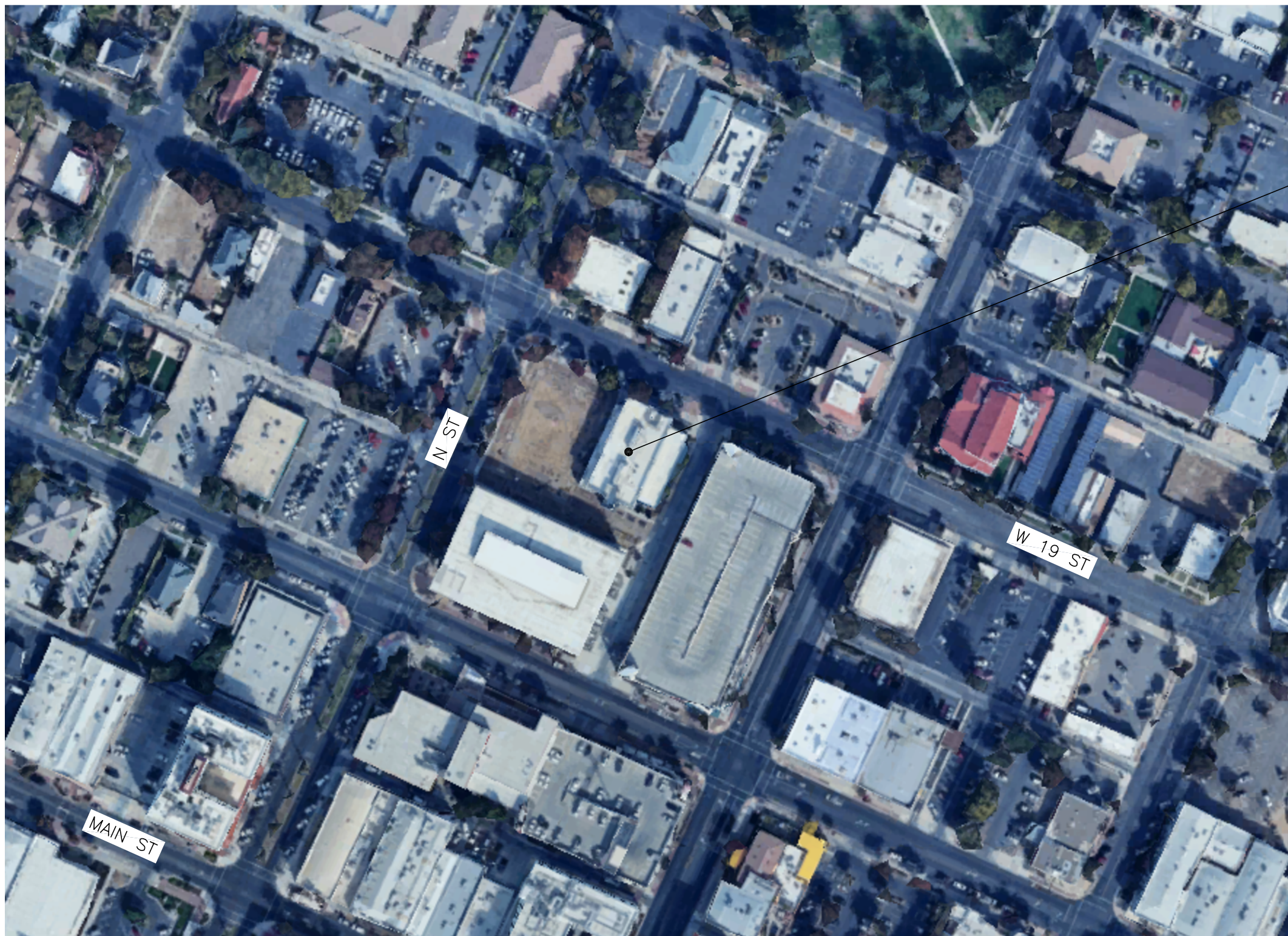
BUSINESS RESOURCE CENTER
630 W. 19TH STREET
MERCED, CA 95340

LOS BANOS CAMPUS
22240 HIGHWAY 152
LOS BANOS, CA 93635

DETAIL LEGEND	
DETAIL	DESCRIPTION
00.01.501	SYMBOLS
00.02.001	CONVENTIONS
00.03.501	ABBREVIATIONS
00.05.501	CABLE LABELING FORMAT
00.06.501	SHIELD TERMINATION
00.06.502	CONDUCTOR TERMINATION REQUIREMENTS
00.06.503	NETWORK TERMINATION, COPPER ETHERNET
00.06.504	NETWORK TERMINATION, FIBER
00.06.521	MERCURY, ESD & GRI RESISTOR PACK, INSTALLATION GUIDE
00.06.533	JUNCTION BOX, CABLE INSTALLATION OPTIONS
00.08.001	CARD READER, SELECTION
00.10.001	CABLE LEGEND, MERCED COMMUNITY COLLEGE DISTRICT
00.30.001	PANEL SCHEDULE, MERCED COMMUNITY COLLEGE DISTRICT, BUSINESS RESOURCE CENTER & LOS BANOS, BALANCE OF DOORS
00.35.001	POINT SCHEDULE, MERCED COMMUNITY COLLEGE DISTRICT, BUSINESS RESOURCE CENTER & LOS BANOS, BALANCE OF DOORS
00.80.001	DOOR DETAIL SCHEDULE, MERCED COMMUNITY COLLEGE DISTRICT, BUSINESS RESOURCE CENTER & LOS BANOS, BALANCE OF DOORS
01.10.001	LOS BANOS CAMPUS, LOCKDOWN BUTTON REPLICATION, SITE BLOCK DIAGRAM
01.10.002	BUSINESS RESOURCE CENTER, LOCKDOWN BUTTON REPLICATION, SITE BLOCK DIAGRAM
07.05.001	MERCURY UP TO 16 READER PANEL, ALTRONIX TROVE 2 MERCURY ENCLOSURE
AB	SINGLE DOOR, CARD IN/FREE EXIT, ELECTRIC CYLINDRICAL LOCKSET w/REX SWITCH, FAIL SECURE
AC	SINGLE DOOR, CARD IN/FREE EXIT, RIM PANIC w/ELECTRIC TRIM & REX SWITCH, FAIL SECURE
AI	SINGLE DOOR, CARD IN/FREE EXIT, RIM PANIC w/QUIET LATCH RETRACTION & REX SWITCH, FAIL SECURE
AX	SINGLE DOOR, CARD IN/FREE EXIT, ELECTRIC LOCK w/CARD READER, REX SWITCH, & DOOR SWITCH MONITOR, FAIL SECURE
BX	DOUBLE DOOR, CARD IN/FREE EXIT, ELECTRIC LOCK w/CARD READER, REX SWITCH, & DOOR SWITCH MONITOR, FAIL SECURE
GA	SINGLE DOOR, ALARMED
MM	BUILDING LOCKDOWN BUTTON

SHEET INDEX			
PLAN	SHEET TITLE	REV.	REV. DATE
SE0.00	SHEET INDEX, DETAIL LEGEND, & VICINITY MAP	0	08/03/2026
SE0.01	SYMBOLS & CONVENTIONS	0	08/03/2026
SE0.02	ABBREVIATIONS & CABLE LABELING FORMAT	0	08/03/2026
SE0.03	TERMINATIONS & RESISTOR PACK INSTALLATION	0	08/03/2026
SE0.04	J-BOX COORD	0	08/03/2026
SE0.10	CARD READER & CABLE LEGEND	0	08/03/2026
SE0.20	PANEL SCHEDULE	0	08/03/2026
SE0.21	POINT SCHEDULE	0	08/03/2026
SE0.22a	DOOR DETAIL SCHEDULE	0	08/03/2026
SE0.22b	DOOR DETAIL SCHEDULE	0	08/03/2026
SE2.BRC.01	BUSINESS RESOURCE CNT, 1ST FLOOR, SECURITY PLAN	0	08/03/2026
SE2.BRC.02	BUSINESS RESOURCE CNT, 2ND FLOOR, SECURITY PLAN	0	08/03/2026
SE2.LBA.01	LOS BANOS, BLDG-A, 1ST FLOOR, SECURITY PLAN	0	08/03/2026
SE2.LBB.01	LOS BANOS, BLDG-B, 1ST FLOOR, SECURITY PLAN	0	08/03/2026
SE2.LBD.01	LOS BANOS, CDC EAST, 1ST FLOOR, SECURITY PLAN	0	08/03/2026
SE2.LBE.01	LOS BANOS, CDC WEST, 1ST FLOOR, SECURITY PLAN	0	08/03/2026
SE2.LBAG.01	LOS BANOS, AGRICULTURE, 1ST FLOOR, SECURITY PLAN	0	08/03/2026
SE5.71	MERCURY PANEL, WALL MOUNT, UP TO 16 READERS	0	08/03/2026
SE5.AB	DOOR DETAIL, AB	0	08/03/2026
SE5.AC	DOOR DETAIL, AC	0	08/03/2026
SE5.AI	DOOR DETAIL, AI	0	08/03/2026
SE5.AX	DOOR DETAIL, AX	0	08/03/2026
SE5.BX	DOOR DETAIL, BX	0	08/03/2026
SE5.MM	ALARM DETAIL, MM	0	08/03/2026
SE6.01	LB LOCKDOWN BUTTON REPLICATION, BLOCK DIAGRAM	0	08/03/2026
SE6.02	BRC LOCKDOWN BUTTON REPLICATION, BLOCK DIAGRAM	0	08/03/2026

BUSINESS RESOURCE CENTER VICINITY MAP:



LOS BANOS CAMPUS VICINITY MAP:



Printed Friday, July 31, 2025, 10:20am by 60968
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CABLE LABELING FORMAT NOTES

ALL CABLES SHALL HAVE BOTH ENDS LABELED IN THE FORMATS DEFINED BELOW. REFER TO DETAILS FOR CABLE FUNCTION CLARIFICATION. USE LEADING ZERO'S (0) WHERE REQUIRED FOR THE FIVE (5) DIGIT (#) PLACES. (EX: ##### = 00001)
I. FIELD DEVICE TO PANEL
A. LABEL CABLE(S) BETWEEN TERMINAL BLOCKS, MODEMS, AND ALARM CONTROLLERS OR RECEIVERS:
XXX/####/#####
TO ROOM CONTROLLER SYSTEM:
ACS = ACCESS CONTROL
ECS = EMERGENCY CALL STATION
ICS = INTERCOM
IDS = INTRUSION
SVS = VIDEO
B. LABEL OUTSIDE OF COMPOSITE CABLE WITH DETAIL TYPE AND POINT NUMBER DESIGNATOR:
XX-####
POINT NUMBER DESIGNATOR
DETAIL TYPE DESIGNATOR
C. LABEL CABLES (WIRE BUNDLES) OR ELEMENTS OF A COMPOSITE:
XX-####-XXX
CABLE FUNCTION:
A = ALARM
BGU = BREAK GLASS UNIT
CAM = CAMERA
CR = CARD READER
D = DATA
DA = DOOR ACTUATOR
DBM = DEADBOLT MONITOR
DSM = DOOR SWITCH MONITOR, DOOR CONTACT, DOOR POSITION SWITCH
ECS = EMERGENCY CALL STATION
EDR = EMERGENCY DOOR RELEASE
ES = ENVIRONMENTAL SENSOR
FCM = FIRE CONTROL MODULE
IC = INTERCOM
GB = GLASS BREAK ALARM
LBM = LATCH BOLT MONITOR
LP = LOCK POWER (ALL LOCKING DEVICES)
LS = LOCAL SOUNDER
MD = MOTION DETECTION ALARM
P = POWER
PHPS = PANIC HARDWARE POWER SUPPLY
REX = REQUEST-TO-EXIT
RP = RELAY POWER
RR = REMOTE RELEASE
TPR = TAMPER ALARM
POINT NUMBER DESIGNATOR
DETAIL TYPE DESIGNATOR
D. LABEL FIBER OPTIC CABLE:
XX
FIBER FUNCTION DESIGNATOR:
FR = FIBER RECEIVE
FX = FIBER TRANSMIT
FXR = FIBER TRANSMIT/RECEIVE
II. INTER-BUILDING
A. INTRUSION DETECTION SYSTEM (IDS):
IDS/XXX
TO BUILDING
B. SECURITY LAN (SLAN) BUILDING TO BUILDING:
SLAN/XXX/XXX/##
FIBER BACKBONE NUMBER
TO BUILDING
FROM BUILDING
III. INTRA-BUILDING
A. INTRUSION DETECTION SYSTEM (IDS):
1. CABLES BETWEEN TERMINAL BLOCKS, MODEMS, AND ALARM CONTROLLERS OR RECEIVERS
IDS/XXX
TO ROOM
B. SECURITY LAN (SLAN) INTRA-BUILDING:
SLAN/XXX/XXX/##
FIBER BACKBONE NUMBER
TO ROOM
BUILDING

COMPOSITE CABLE LABELING

GUTTER/WIRE DUCT

COMPOSITE CABLE

AA-00023

COMPOSITE CABLE ELEMENT (TYP)

ACS_PANEL

ENCLOSURE GROUNDING STUD

SHIELD

AA-00023-CR1

AA-00023-DSM1

AA-00023-REX1

AA-00023-LP1

COMPOSITE CABLE LABELING

SECURITY JUNCTION BOX

COMPOSITE CABLE LABEL

TO SECURITY PANEL

CONDUIT OR KNOCKOUT w/CHASE NIPPLE

PROVIDE SERVICE LOOP

RESISTOR PACK

COMPOSITE ELEMENT LABEL (TYP)

VELCRO w/TIE DOWNS (TYP)

INDIVIDUAL CABLE LABELING

GUTTER/WIRE DUCT

CABLE (TYP)

ACS_PANEL

ENCLOSURE GROUNDING STUD

SHIELD

AA-00023-CR1

AA-00023-DSM1

AA-00023-REX1

AA-00023-LP1

INDIVIDUAL CABLE LABELING

SECURITY JUNCTION BOX

CABLE LABEL (TYP)

TO SECURITY PANEL

CONDUIT OR KNOCKOUT w/CHASE NIPPLE

PROVIDE SERVICE LOOP

RESISTOR PACK

CABLE LABEL (TYP)

VELCRO w/TIE DOWNS (TYP)

PANEL CABLE LABELING NOTES

1. LABELS ARE FOR ILLUSTRATION PURPOSES ONLY. REFER TO THE SECURITY DETAILS FOR CABLE REQUIREMENTS.
2. FOR CABLE MANAGEMENT, USE PLENUM RATED HOOK AND LOOP (VELCRO), SIZED APPROPRIATELY TO THE CONDITIONS, TO PREVENT DAMAGE TO THE CABLES WHERE BUNDLED. PROVIDE WHERE REQUIRED TO KEEP CABLE NEAT, AND IN ALL CASES, SPACE LESS THAN 4" [1.2m] APART.

JUNCTION BOX CABLE LABELING NOTES

1. LABELS ARE FOR ILLUSTRATION PURPOSES ONLY. REFER TO THE SECURITY DETAILS FOR CABLE REQUIREMENTS.
2. CABLES THAT ARE NOT TERMINATED WITHIN THE JUNCTION BOX DO NOT NEED TO BE LABELED IN THE JUNCTION BOX.
3. TERMINAL BLOCKS AND RESISTOR PACK SHOWN AS AN EXAMPLE ONLY. REFER TO DETAIL FOR ACTUAL SECURITY JUNCTION BOX CONFIGURATION AND RESISTOR PACK LOCATION.

SCALE: NTS

CABLE LABELING FORMAT
REV: 35 DATE: 05/04/2026 ©2009, SECURITY BY DESIGN, INC. 00.05.501

ABBREVIATIONS	
ABBREVIATION	DESCRIPTION
(D)	EXISTING — TO BE DEMOLISHED
(E)	EXISTING
(F)	FUTURE
(N)	NEW
(R)	EXISTING — REPLACE DEVICE
μ	MICRONS
A/M	AMPERE (AMP)
AS/M	ASSET MANAGEMENT
ACAMS	ACCESS CONTROL AND ALARM MONITORING SYSTEM
ACP	ACCESS CONTROL PANEL
ACS	ACCESS CONTROL SYSTEM
ADA	AMERICAN WITH DISABILITIES ACT
ADDR	ADDRESS
AFB	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AH	AMP HOURS
AHJ	AUTHORITIES HAVING JURISDICTION
ALM	ALARM
ALT	ALTERNATE
ALUM	ALUMINUM
ANN	ANNUNCIATOR
ANX	ANNEX
AOV	ANGLE OF VIEW
APAC	ASIA-PACIFIC ISLANDS REGION
APPROX	APPROXIMATE
AR	AS REQUIRED
ARCH	ARCHITECT/ARCHITECTURAL
ASK	ARCHITECTURAL SKETCH
ASSY	ASSEMBLY
AUX	AUXILIARY
AWG	AMERICAN WIRE GAUGE
BC	BARE COPPER
BFC	BELOW FINISHED CEILING
BFG	BELOW FINISHED GRADE
BGU	BREAK GLASS UNIT
BIO	BIOMETRIC
BLK, BLK	BLACK
BL, BLU	BLUE
BLDG	BUILDING
BLW	BLUETOOTH LOW ENERGY
BLW	BELOW
BO	BREAKOUT
BOLL	BOLLARD
BPS	BYPASS
BR, BRN	BROWN
BSMT	BASEMENT
C	CIRCUIT
CAB	CABINET
CAF	CAFETERIA
CAM	CAMERA
CAT	CATEGORY
CB	CIRCUIT BREAKER
CD	CONSTRUCTION DESIGN
CI/CO	CARD IN/CARD OUT
CI/FE	CARD IN/FREE EXIT
CKT	CIRCUIT
CLG	CEILING
cm	CENTIMETER
CNT	CENTER
COAX	COAXIAL CABLE
COMM	COMMUNICATION(S)
COMP	COMPUTER
COND	CONDUCTOR
CONN	CONNECTOR
CORR	CORRIDOR
CPU	CENTRAL PROCESSING UNIT
CR	CARD READER OR CREDENTIAL READER

ABBREVIATIONS	
ABBREVIATION	DESCRIPTION
CRDA	CARD READER DISABLE
CSC	CENTRAL SECURITY CONTROL
DA	DISTRIBUTION AMPLIFIER
DACT	DIGITAL ALARM COMMUNICATIONS TRANSMITTER
DB	DECIBEL
DBL	DOUBLE
DD	DESIGN DEVELOPMENT
DET	DETECTION
DG	DOUBLE GANG
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DN	DOWN
DP	DISPLAYPORT
DPDT	DOUBLE POLE, DOUBLE THROW
DR	DOOR
DRS	DOORS
DS	DOWNSTREAM (DATA FLOW)
DSM	DOOR SWITCH MONITOR
DVR	DIGITAL VIDEO RECORDER
DWG	DRAWING
E	EAST
EA	EACH
EAC	ENVIRONMENTAL AIR CONDITIONER
ECS	EMERGENCY CALL STATION
EDR	EMERGENCY DOOR RELEASE
ELEC	ELECTRICAL OR ELECTRIC
ELEV	ELEVATOR
EMEA	EUROPE, MIDDLE EAST, AFRICA REGION
EMP	EMPLOYEE
EMR	EMERGENCY
EMT	ELECTRO METALLIC TUBING
ENT	ENTRANCE OR ENTRY
EOC	EMERGENCY OPERATIONS CENTER
EOLR	END OF THE LINE RESISTOR
EP	EXPLOSION PROOF
EPO	EMERGENCY POWER OFF
EQ	EQUAL
ERR	ERROR OR FAIL SIGNAL
EVAC	EVACUATION
EXEG	EXECUTIVE
EXT	EXTERNAL OR EXTERIOR
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FAI	FIRE ALARM INPUT
FAT	FINAL ACCEPTANCE TESTING
FBR	FIBER
FCC	FIRE COMMAND CENTER
FDC	FIBER DISTRIBUTION CENTER
FLR	FLOOR
FO	FIBER OPTIC
FOV	FIELD OF VIEW (LENS/VIDEO)
FPP	FIBER PATCH PANEL
FPS	FRAMES PER SECOND
FR	FIBER RECEIVER
FRT	FREIGHT
FT	FEET
FX	FIBER TRANSMITTER
FXR	FIBER TRANSCIVER
GAR, GRG	GARAGE
GB	GLASS BREAK SENSOR
GE	GIGABIT ETHERNET
GHZ	GIGAHERTZ
GN, GRN	GREEN
GRC	GALVANIZED RIGID CONDUIT
GSOC	GLOBAL SECURITY OPERATIONS CENTER

ABBREVIATIONS	
ABBREVIATION	DESCRIPTION
GUI	GRAPHICAL USER INTERFACE
GY, GR	GRAY
HDWR	HARDWARE
HPoE	HIGH POWER OVER ETHERNET (802.11bt/60 watts)
HT	HIGH TEMP SENSOR
HVAC	HEATING, VENTILATION AND AIR CONDITIONING
I/O	INPUT/OUTPUT
ID	IDENTIFICATION
IDF/IDC	INTERMEDIATE DISTRIBUTION FRAME/FACILITY/CLOSET
IDS	INTRUSION DETECTION SYSTEM
IG	ISOLATED GROUND
IMP	IMPEDANCE
IN	DOWN
IND	INDIVIDUAL
INT	INTERNAL OR INTERIOR
IP	INTERNET PROTOCOL
IPS	IMAGES PER SECOND
J, J-BOX	JUNCTION BOX
JBD	JUST A BUNCH OF DISKS
KD	KNOCKOUT
KPD	KEYPAD
LAN	LOCAL AREA NETWORK
LATAM	CENTRAL AND SOUTH AMERICA REGION
LBV	LOBBY
LED	LIGHT EMITTING DIODE
LIU	LIGHT INTERFACE UNIT
LO	LOCK OUTPUT
LR	LOCK RELAY
LS	LOCAL SOUNDER
LT	LOOSE TUBE
LTNG	LIGHTING
LV	LOW VOLTAGE
LVL	LEVEL
LVR	LEVER
M/T	MANTRAP
MAG	MAGNETIC
MATL	MATERIAL
MAX	MAXIMUM
MD	MOTION DETECTOR
MDF/MDC	MAIN DISTRIBUTION FRAME/FACILITY/CLOSET
MDH	MAGNETIC DOOR HOLDER
MECH	MECHANICAL
MHZ	MEGAHERTZ
MIN	MINIMUM
MM	MULTI MODE
mm	MILLIMETER
MGN	MONITOR
MP	MEGAPIXEL
MPO	MAIN POINT OF ENTRY
MPS	MANUAL PULL STATION
N	NORTH
N/A	NOT APPLICABLE
N/P	NOT A
NA	NORTH AMERICA
NC	NORMALLY CLOSED
NE	NORTHEAST
NIC	NOT IN CONTRACT
NM	NANOMETERS
NO	NORMALLY OPEN
NTS	NOT TO SCALE
NVR	NETWORK VIDEO RECORDER
NW	NORTHWEST
OD	OUTSIDE DIMENSION
OP	OPERATOR
OR, ORN	ORANGE
OSPD	OPEN SUPERVISED DEVICE PROTOCOL
OSP	OUTSIDE PLANT

ABBREVIATIONS	
ABBREVIATION	DESCRIPTION
P	PLENUM
P/I	PHONE/INTERCOM
PA	PUBLIC ADDRESS
PB	PUSH BUTTON
PC	COMPUTER OR POWDER COATED
PDU	POWER DISTRIBUTION UNIT
PH	PENTHOUSE OR PHASE
PHO	PHOTOELECTRIC DETECTOR
PHPS	PANIC HARDWARE POWER SUPPLY
PIR	PASSIVE INFRARED DETECTOR
PLC	PROGRAMMABLE LOGIC CONTROLLER
PNT	POINT
PoE	POWER OVER ETHERNET (802.11af/15watts)
PoE+	POWER OVER ETHERNET PLUS (802.11at/30 watts)
POTS	PLAIN OLD TELEPHONE SERVICE
PFF	PIXELS PER FOOT
PR	PAIR
PRT	PRINTER
PS	POWER SUPPLY
PSTN	PUBLIC SWITCHED TELEPHONE NETWORK
PT	POWER TRANSFER
PTRZ	PAN, TILT, ROTATE, AND ZOOM
PTZ	PAN, TILT, AND ZOOM
PVC	POLYVINYL CHLORIDE
PWR	POWER
RAID	REDUNDANT ARRAY OF INDEPENDENT DISKS
RCIP	REMOTE CONTROL INDICATING PANEL
RCVR	RECEIVER
RD	RED
RDW	REMOTE DISPLAY MODULE
RDR	READER
REC	RECORD
REF	REFERENCE
REL	RELEASE
REQ'D	REQUIRED
RES	RESISTOR
REV	REVISION
REX	REQUEST-TO-EXIT
RFI	REQUEST FOR INFORMATION
RFID	RADIO FREQUENCY IDENTIFICATION
RGS	RIGID STEEL CONDUIT
RIM	REMOTE INPUT MODULE
RLY	RELAY
RM	ROOM
ROM	ROUGH ORDER OF MAGNITUDE
RTN	RETURN
RTV	ROOM-TEMPERATURE-VULCANIZING
RVN	ROUTE BASED VPN
RX	RECEIVE OR RECEIVER
S	SOUTH
SAN	STORAGE AREA NETWORK
SBD	SECURITY BY DESIGN
SD	SCHEMATIC DESIGN OR SMOKE DETECTOR
SE	SOUTHEAST
SEC	SECOND OR SECURITY
SFP	SMALL FORM-FACTOR PLUGGABLE
SG	SINGLE GANG
SQL	SINGLE
SH	SHIELD
SHT	SHEET
SJB	SECURITY JUNCTION BOX
SLAN	SECURITY LOCAL AREA NETWORK
SLDG	SLIDING
SM	SINGLE MODE
SO	SECURITY OPERATIONS CENTER
SPDT	SINGLE POLE, DOUBLE THROW
SPK	SPEAKER

ABBREVIATIONS	
ABBREVIATION	DESCRIPTION
SPR	SPEAKER
SPS	SPEAKER WITH STROBE
SPST	SINGLE POLE, SINGLE THROW
SRB	SMART REMOTE BOX
SS	STAINLESS STEEL
ST	STRANDED
STA	STATION
SUE	SUITE
STP	SHIELDED TWISTED PAIR
STR	STAIR(S)
STRB	STROBE
SV	SOLENOID VALVE
SVR	SERVER
SVS	SECURITY VIDEO SYSTEM
SW	SWITCH OR SOUTHWEST
SYS	SYSTEM
T/H	TEMPERATURE AND HUMIDITY MODULE
TBD	TO BE DETERMINED
TBR	TIGHT BUFFER
TCP	TRANSMISSION CONTROL PROTOCOL
TDR	TIME DELAY RELAY
TEL	TELEPHONE
TELCO	TELEPHONE COMPANY
TERM	TERMINAL
TES	TELEPHONE ENTRY SYSTEM
THRU	THROUGH
THS	TEMPERATURE AND HUMIDITY SENSOR
TMP, TPR	TAMPER ALARM POINT
TROBL	TRouble
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
TW	TWISTED
TW, PR	TWISTED PAIR
TX	TRANSMIT OR TRANSMITTER
TYP	TYPICAL
UDP	USER DATAGRAM PROTOCOL
UG	UNDERGROUND
UNON	UNLESS OTHERWISE NOTED
UP	UPPER
UPS	UNINTERRUPTIBLE POWER SUPPLY
UTP	UNSHIELDED TWISTED PAIR
V	VOLTAGE
VIA	VOLT AMPERES
VAC	VOLTS ALTERNATING CURRENT
VDC	VOLTS DIRECT CURRENT
VEST	VESTIBULE
VI, VIO	VIOLET
VLAN	VIRTUAL LOCAL AREA NETWORK
VM	VIRTUAL MACHINE
VMS	VISITOR MANAGEMENT SYSTEM
VoIP	VOICE OVER INTERNET PROTOCOL
VPN	VIRTUAL PRIVATE NETWORK
VR	VIDEO RECEIVER
VX	VIDEO TRANSMITTER
W	WATTS OR WEST
w/	WITH
w/o	WITHOUT
WAN	WIDE AREA NETWORK
WGN	WIEGAND
WH, WHT	WHITE
WIC	WALL-MOUNTABLE INTERCONNECT CENTER
WP	WEATHER PROOF
WS	COMPUTER WORKSTATION
XFMR	TRANSFORMER
XMT	TRANSMITTER
XPDR	TRANSPONDER
YL, YEL	YELLOW

SCALE: NTS

ABBREVIATIONS
REV: 35 DATE: 05/15/2025 ©2005, SECURITY BY DESIGN, INC. 00.03.501

ORIGINAL DRAWING 30"x42"

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REGISTRATION

0 08/03/2026 100% CD
ISSUE | DATE | DESCRIPTION

KEY PLAN

PROJECT NUMBER: MCC250807
ENGINEER: DMW
DRAFTER: SND
CHECKED BY: JAM
SCALE: NTS
FILE NAME: SE0-02_MCC_ADD_DRS

SHEET TITLE

ABBREVIATIONS &
CABLE LABELING
FORMAT

SHEET NUMBER

SE0.02

Printed Friday, July 31, 2026, 10:20am by 6698
Xrefs: MCC_ADD_DRS; TB_ARCH; ET; 30642; SBO; 00-06-501; SBO; 00-06-502; SBO; 00-06-503; SBO; 00-06-504; SBO; 00-06-504; SBO; 00-06-521 MCC; Jpgs; 110Block_PunchDown; RJ45 Plug; Fiber Colors

- 1

2

3

4

5

6

7

8

9

10

11

12

BLUE

ORANGE

GREEN

BROWN

SLATE

WHITE

RED

BLACK

YELLOW

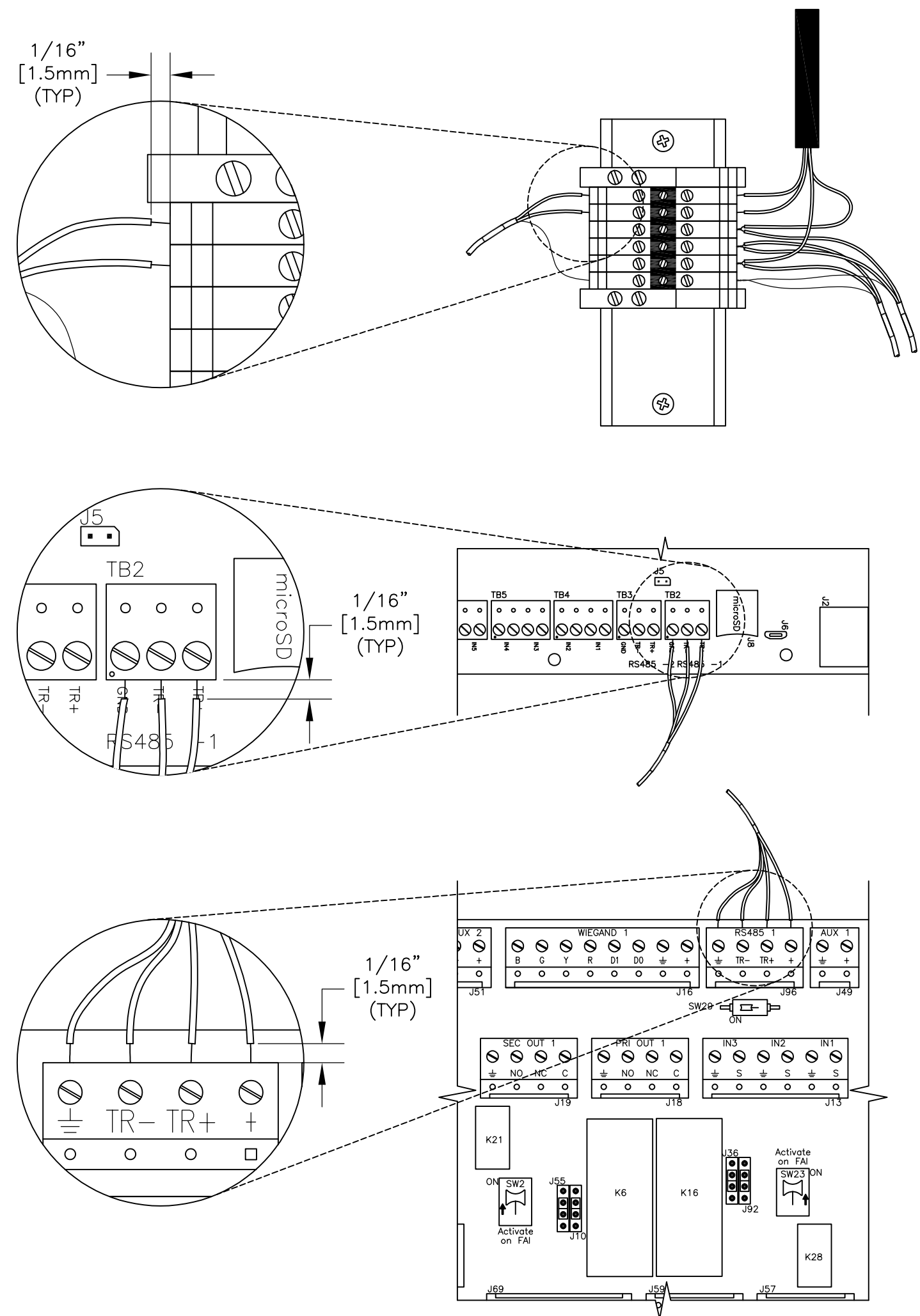
VIOLET

ROSE

AQUA
- THE FIRST 12 FIBERS ARE COLORED AS NOTED, A BLUE BUFFER TUBE MAY OR MAY NOT BE PRESENT DEPENDING ON NUMBER OF FIBERS IN THE CABLE. 2ND SET OF 12 FIBERS (13-24) WILL BE IN THE SAME COLOR PROGRESSION IN AN ORANGE BUFFER TUBE. 3RD+ SETS OF 12 FIBERS WILL BE IN THE SAME COLOR PROGRESSION IN THE SAME COLOR PROGRESSION OF BUFFER TUBES.

FIBER NOTES
1. TOTAL FIBER DISTANCE FROM SWITCH TO DEVICE MUST NOT EXCEED THE SPECIFICATION OF THE FIBER TRANSCEIVER.
2. MINIMUM BEND RADIUS IS 16 TIMES THE FIBER CABLE DIAMETER. ALWAYS REFER TO THE MANUFACTURER SPECIFICATION FOR THE FIBER CABLE MINIMUM BEND RADIUS.
3. FIBER TERMINATION ORDER FOR FIBER PATCH PANEL (LIU), IS TO FOLLOW INDUSTRY STANDARD.

SCALE: NTS
NETWORK TERMINATION, FIBER
REV: 5 DATE: 01/15/2025 ©2009, SECURITY BY DESIGN, INC. 00.06.504

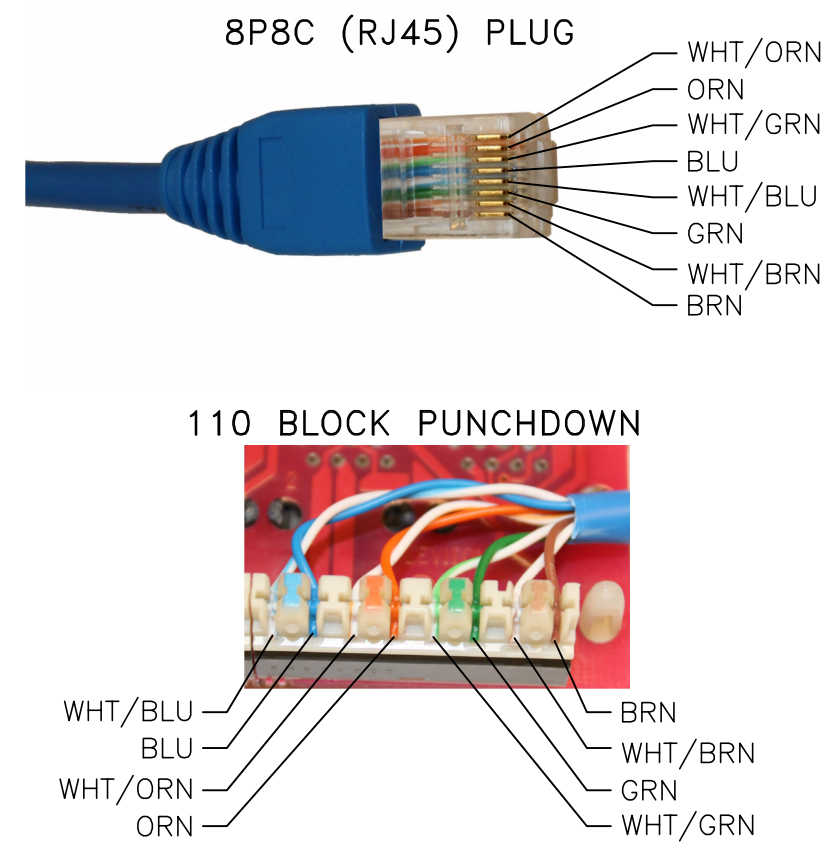


CONDUCTOR TERMINATION NOTES
1. TERMINATIONS REQUIRE A MINIMUM OF 1/16" [1.5mm] VISIBLE BARE CONDUCTOR AFTER CONNECTING TO THE TERMINAL TO ENSURE THAT THE INSULATION IS NOT IN THE TERMINAL.

SCALE: NTS
CONDUCTOR TERMINATION REQUIREMENTS
REV: 4 DATE: 04/06/2026 ©2023, SECURITY BY DESIGN, INC. 00.06.502

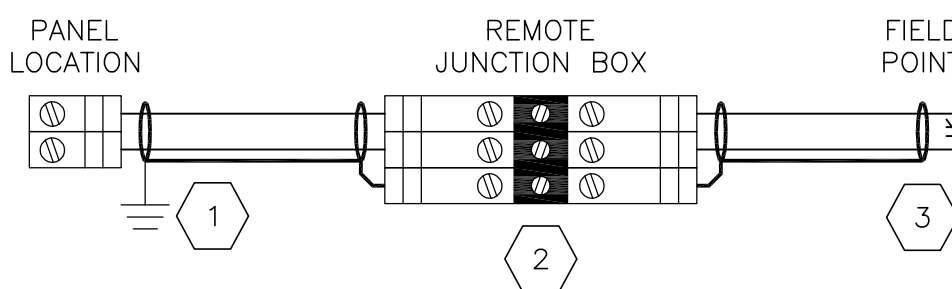


SCALE: NTS
MERCURY, ESD & GRI RESISTOR PACK, INSTALLATION GUIDE
REV: 0 DATE: 01/16/2025 ©2025, SECURITY BY DESIGN, INC. 00.06.521



COPPER ETHERNET NOTES
1. TOTAL CABLE DISTANCE FROM SWITCH TO DEVICE MUST NOT EXCEED 328' [100m].
2. WHEN TERMINATING CABLE TO 110 BLOCK AT PATCH PANEL OR JACKS, A MAXIMUM OF 1/2" [12mm] OF WIRE PAIRS MAY BE UNTWISTED.
3. PATCH CABLES ARE TO BE FACTORY MADE WITH 'SNACLESS' MOLDED CONNECTORS.
4. MINIMUM BEND RADIUS IS 4 TIMES THE CABLE DIAMETER.
5. CONDUCTOR ORDER FOR TERMINATION TO 110 BLOCK OR 8P8C (RJ45) PLUG IS TO FOLLOW THE 568B PINOUT.
THIS DOCUMENT REFERS TO ANSI EIA/TIA 568b STANDARD AND THE PROJECT SPECIFICATIONS. IN THE CASE THAT THERE ARE ANY CONFLICTS, THE ANSI EIA/TIA 568b CABLING STANDARDS SUPERCEDE ANY DIAGRAMS OR DESCRIPTIONS ABOVE.

SCALE: NTS
NETWORK TERMINATION, COPPER ETHERNET
REV: 5 DATE: 01/15/2025 ©2009, SECURITY BY DESIGN, INC. 00.06.503



SHIELD TERMINATION NOTES
1. GROUND SHIELDS TO THE ENCLOSURE GROUND STUD WHICH IS TIED TO THE DATA GROUND BUS.
2. PASS THE SHIELD THROUGH WITHOUT TERMINATING TO GROUND.
3. FLOAT THE SHIELD AT THE FIELD POINT.
4. GROUND SHIELDS TO EARTH GROUND OR SIGNAL COMMON AT ONE END ONLY. ALWAYS FOLLOW MANUFACTURER'S RECOMMENDED GROUNDING PROCEDURES.

SCALE: NTS
SHIELD TERMINATION
REV: 4 DATE: 01/15/2025 ©2004, SECURITY BY DESIGN, INC. 00.06.501



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BRC & LB
BALANCE OF DOORS



SECURITY BY DESIGN

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REGISTRATION

0 08/03/2026 100% CD
ISSUE DATE DESCRIPTION

KEY PLAN

PROJECT NUMBER: MCC250807
ENGINEER: DMM
DRAFTER: SND
CHECKED BY: JAM
SCALE: NTS
FILE NAME: SE0-03_MCC_ADD_DRS

SHEET TITLE

TERMINATIONS &
RESISTOR PACK
INSTALLATION

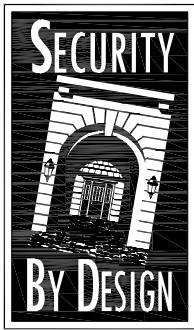
SHEET NUMBER

SE0.03

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Xrefs: MCC_ADD_DRS_IB_ARCH_ET_30x42_SBO_00-06-533_MCC_0909



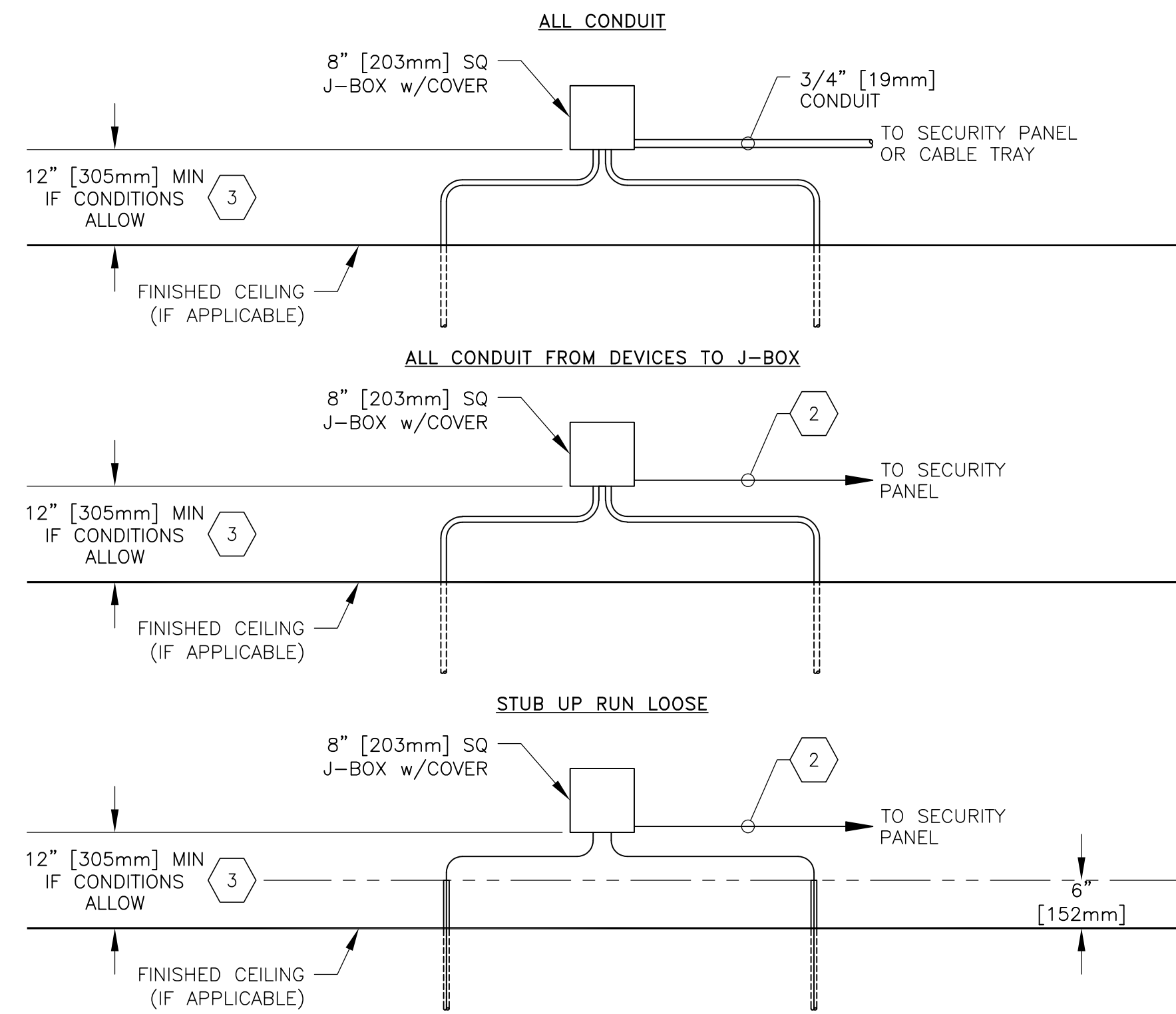
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REGISTRATION



JUNCTION BOX INSTALLATION NOTES	
1	CONDUIT AND WIRING STANDARDS. REFER TO SECURITY DETAIL FOR SPECIFIC WIRING AND CONDUIT.
1	DIMENSIONS SHOWN FOR COORDINATION ONLY. EXACT LOCATIONS AND MOUNTING HEIGHTS TO BE FIELD COORDINATED WITH OWNER AND ARCHITECT.
2	PLENUM INSTALLATION, CABLE RUN USING J-HOOKS AND/OR CABLE TRAY.
3	FOR AREAS WITH NO CEILING, INSTALL JUNCTION BOX A MINIMUM OF 10' [3.05m] FROM THE FINISHED FLOOR.

SCALE: NTS

JUNCTION BOX, CABLE INSTALLATION OPTIONS
REV: 1 DATE: 01/21/2025 ©2023, SECURITY BY DESIGN, INC.

00.06.533

REV: 4 DATE: 05/05/2026 © 2023, SECURITY BY DESIGN, INC.

SCALE: NTS



REV: 3 DATE: 07/14/2026 ©2025, SECURITY BY DESIGN, INC.

00.08.001

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REGISTRATION

0 06/03/2026 100% CD
ISSUE | DATE | DESCRIPTION

KEY PLAN

PROJECT NUMBER: MCC250807
ENGINEER: DMM
DRAFTER: CMS
CHECKED BY: JAM
SCALE: NTS
FILE NAME: SE0-20_MCC_ADD_DRS

SHEET TITLE

PANEL SCHEDULE

SHEET NUMBER

SE0.20

PANEL SCHEDULE

SITE	BUILDING	PLAN	POINT	DETAIL	FLOOR	DESCRIPTION	PANEL	ROOM#	REV	DATE	BOD NOTES	MP4502	MP1502	MR52-S3	OPTOHUB
BUSINESS RESOURCE CTR	BUSINESS RESOURCE CTR	SE2.BRC.02	00893	07.05.001	2	ELEC 208 PANEL 077	077	208	06/18/2026	INSTALL OWNER-FURNISHED OPTOHUB IN EXISTING PANEL TO SUPPORT THE ADDED DOORS.					1*
BUSINESS RESOURCE CTR	BUSINESS RESOURCE CTR	SE2.BRC.02	00904	07.05.001	2	ELEC 208 PANEL 078	078	208	06/18/2026	NEW PANEL TO BE ADDED, REFER TO 07.05.001 DETAIL FOR OTHER COMPONENTS REQUIRED. OPTOHUBS AT BRC WILL BE OWNER-FURNISHED.	1				2*
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00898	07.05.001	1	DATA A159 PANEL 079	079	A159	06/18/2026	NEW PANEL TO BE ADDED, REFER TO 07.05.001 DETAIL FOR OTHER COMPONENTS REQUIRED.	1				2
LOS BANOS CAMPUS	LOS BANOS BLDG B	SE2.LBB.01	00899	07.05.001	1	DATA B109 PANEL 080	080	B109	06/18/2026	NEW PANEL TO BE ADDED, REFER TO 07.05.001 DETAIL FOR OTHER COMPONENTS REQUIRED.	1				1
LOS BANOS CAMPUS	CHILD DEVELOPMENT CTR	SE2.LBD.01	00900	07.05.001	1	OFFICE 2 PANEL 082	082		06/18/2026	NEW PANEL TO BE ADDED, REFER TO 07.05.001 DETAIL FOR OTHER COMPONENTS REQUIRED.		1	2		
LOS BANOS CAMPUS	CHILD DEVELOPMENT CTR	SE2.LBE.01	00901	07.05.001	1	JANITORIAL PANEL 081	081		06/18/2026	NEW PANEL TO BE ADDED, REFER TO 07.05.001 DETAIL FOR OTHER COMPONENTS REQUIRED.		1	2		
LOS BANOS CAMPUS	AGRICULTURE	SE2.LBAG.01	00902	07.05.001	1	CLOSET PANEL 083	083		06/18/2026	NEW PANEL TO BE ADDED, REFER TO 07.05.001 DETAIL FOR OTHER COMPONENTS REQUIRED.		1	2		
												TOTALS			
												MP4502	MP1502	MR52-S3	OPTOHUB
												3	3	6	3

NOTE:
1. THE SMART REMOTE PANEL COUNTS WITH "*" FOLLOWING THE QUANTITY, INDICATE COMPONENTS THAT HAVE ALREADY BEEN ACQUIRED & WILL BE FURNISHED BY THE OWNER.
2. DETAIL 07.05.001 IS FOUND ON SHEET SES.71, MERCURY PANEL.

PANEL SCHEDULE, MERCED COMMUNITY COLLEGE DISTRICT, BUSINESS RESOURCE CENTER & LOS BANOS, BALANCE OF DOORS

REV: 0 DATE: 06/18/2026 ©2026, SECURITY BY DESIGN, INC.

00.30.001

SCALE: NTS

ORIGINAL DRAWING 30"x42"

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Xrefs: MCC_ADD_DRS_TB_ARCH_ET_30x42_MCC_10p00

POINT SCHEDULE												
SITE	BUILDING	PLAN	POINT	DETAIL	FLOOR	LOCATION	DESCRIPTION	PANEL	ROOM#	DOOR#	REV	DATE
BUSINESS RESOURCE CTR	BUSINESS RESOURCE CTR	SE2.BRC.01	00448	BX	1	4.5/D.2	SERVICE ENTRY	078	129	129	06/18/2026	
BUSINESS RESOURCE CTR	BUSINESS RESOURCE CTR	SE2.BRC.01	00451	AX	1	3.8/A.7	MECH 117	078	117	117UD	06/18/2026	
BUSINESS RESOURCE CTR	BUSINESS RESOURCE CTR	SE2.BRC.01	00458	AX	1	4.2/D.4	ELEC 126	078	126	126B	06/18/2026	
BUSINESS RESOURCE CTR	BUSINESS RESOURCE CTR	SE2.BRC.01	00905	AX	1	4.2/D.3	FIRE SPRINKLER 127	077	127	127	06/18/2026	
BUSINESS RESOURCE CTR	BUSINESS RESOURCE CTR	SE2.BRC.01	00906	AX	1	4.1/D.2	ELECTRICAL 126	078	126	126A	06/18/2026	
BUSINESS RESOURCE CTR	BUSINESS RESOURCE CTR	SE2.BRC.01	00907	AX	1	3.6/D.1	LOUNGE 128	078	128	128A	06/18/2026	
BUSINESS RESOURCE CTR	BUSINESS RESOURCE CTR	SE2.BRC.01	00908	AX	1	2.8/C.6	CONFERENCE 106	077	106	106	06/18/2026	
BUSINESS RESOURCE CTR	BUSINESS RESOURCE CTR	SE2.BRC.01	00909	AX	1	2.7/C.1	WORKROOM 109	077	109	109	06/18/2026	
BUSINESS RESOURCE CTR	BUSINESS RESOURCE CTR	SE2.BRC.01	00910	AX	1	2.9/B.7	STORAGE 110	077	110	110	06/18/2026	
BUSINESS RESOURCE CTR	BUSINESS RESOURCE CTR	SE2.BRC.01	00911	AX	1	2.8/B.5	RESOURCE LIBRARY 111	077	111	111	06/18/2026	
BUSINESS RESOURCE CTR	BUSINESS RESOURCE CTR	SE2.BRC.01	00912	AX	1	3.1/B.4	ELEVATOR EQUIP	077	116	116	06/18/2026	
BUSINESS RESOURCE CTR	BUSINESS RESOURCE CTR	SE2.BRC.01	00913	AX	1	3.8/B.0	MECHANICAL 117	077	117	117J	06/18/2026	
BUSINESS RESOURCE CTR	BUSINESS RESOURCE CTR	SE2.BRC.01	00914	AX	1	4.1/A.9	WOMEN'S RR 118W	078	118W	118W	06/18/2026	
BUSINESS RESOURCE CTR	BUSINESS RESOURCE CTR	SE2.BRC.01	00915	AX	1	4.1/B.3	MEN'S RR 118M	077	118M	118M	06/18/2026	
BUSINESS RESOURCE CTR	BUSINESS RESOURCE CTR	SE2.BRC.01	00916	AX	1	4.3/B.5	JANITOR 124	078	124	124A	06/18/2026	
BUSINESS RESOURCE CTR	BUSINESS RESOURCE CTR	SE2.BRC.01	00917	AX	1	4.4/C.0	STORAGE 124 S	078	124	122B	06/18/2026	
BUSINESS RESOURCE CTR	BUSINESS RESOURCE CTR	SE2.BRC.01	00918	AX	1	4.4/C.2	STORAGE 124 N	078	124	120B	06/18/2026	
BUSINESS RESOURCE CTR	BUSINESS RESOURCE CTR	SE2.BRC.02	00919	AX	2	3.0/C.6	STORAGE 205	078	205	205	06/18/2026	
BUSINESS RESOURCE CTR	BUSINESS RESOURCE CTR	SE2.BRC.02	00920	AX	2	2.6/B.6	ELECTRICAL 208	078	208	208	06/18/2026	
BUSINESS RESOURCE CTR	BUSINESS RESOURCE CTR	SE2.BRC.02	00921	AX	2	3.1/B.4	STORAGE 222	078	222	222	06/18/2026	
BUSINESS RESOURCE CTR	BUSINESS RESOURCE CTR	SE2.BRC.02	00922	AX	2	3.8/B.0	CUSTODIAL 217	078	217	217J	06/18/2026	
BUSINESS RESOURCE CTR	BUSINESS RESOURCE CTR	SE2.BRC.02	00923	AX	2	4.1/A.9	WOMEN'S RR 218W	078	218W	218W	06/18/2026	
BUSINESS RESOURCE CTR	BUSINESS RESOURCE CTR	SE2.BRC.02	00924	AX	2	4.1/B.3	MEN'S RR 218M	078	218M	218M	06/18/2026	
BUSINESS RESOURCE CTR	BUSINESS RESOURCE CTR	SE2.BRC.02	00925	AX	2	3.7/C.2	COMPUTER LAB 216	078	216	216B	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00476	AI	1	3.8/B.5	CLASSROOM A103 EMERG EXIT	062	A103	A103A	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00478	AI	1	3.4/B.5	CLASSROOM A105 EMERG EXIT	062	A105A	A105A	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00481	AI	1	2.4/B.4	OPEN COMPUTER LAB EMERG EXIT	063	A108A	A108A	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00483	AI	1	1.9/B.4	WRITING COMPUTER LAB EMERG EXIT	063	A109A	A109A	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00485	AI	1	1.8/B.4	READING COMPUTER LAB EMERG EXIT	079	A110A	A110A	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00492	GA	1	1.6/D.0	LIBRARY EMERG EXIT	039	A122	A122	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00926	AX	1	4.9/C.2	WORK ROOM A149 N	079	A149	A149B	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00927	AX	1	4.9/C.3	OFFICE A140	063	A140	A140A	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00928	AX	1	4.8/C.3	OFFICE A141	063	A141	A141	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00929	AX	1	4.8/C.2	OFFICE A150	079	A150	A150A	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00930	AX	1	4.7/C.3	OFFICE A142	063	A142	A142	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00931	AX	1	4.6/C.3	OFFICE A143	079	A143	A143	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00932	AX	1	4.4/C.3	SECURITY OFFICE	079	A144	A144A	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00933	AX	1	4.3/C.3	STUDENT FEES	079	A145	A145B	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00934	AX	1	4.0/C.1	STAIRS A157	079	A157	A157	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00935	AX	1	3.6/C.3	CUST A115	062	A115	A115	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00936	AX	1	3.6/C.8	ELEC A116	062	A116	A116	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00937	AX	1	3.5/C.7	CAFE STORE ROOM	062	A117	A117	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00938	BX	1	3.0/C.9	FIRE RISER A161	079	A161	A161	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00939	AX	1	2.8/C.1	OFFICE A106	062	A106	A106A	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00940	AX	1	2.7/C.0	OFFICE A107 FROM COMPUTER LAB	062	A107	A107A	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00941	AX	1	2.5/C.5	TUTORIAL N	062	A120	A120B	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00942	AX	1	2.3/C.5	STUDY A123	062	A123	A123A	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00943	AX	1	2.2/C.5	STUDY A124	062	A124	A124A	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00945	AX	1	1.5/C.6	A127 TO HALL	079	A127	A127A	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00946	AX	1	1.6/C.5	RECORDING STUDIO	062	A125	A125	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00947	AX	1	1.7/C.4	STAIRS A156	079	A156	A156	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00951	AX	1	2.8/B.6	ELEC A111	062	A111	A111	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00953	BX	1	3.3/C.0	A105 CLOSET	062	A105	A105B	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00955	BX	1	3.5/C.0	A104 CLOSET E	062	A104	A104B	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00956	BX	1	3.7/C.0	A104 CLOSET W	062	A104	A104A	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00958	AX	1	4.4/B.6	CAREER CENTER	062	A129	A129	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00959	AX	1	4.6/B.6	OFFICE A130	063	A130	A130	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00960	AX	1	4.7/B.6	OFFICE A131	063	A130	A131	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00961	AX	1	4.8/B.6	OFFICE A151	079	A151	A151A	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00962	AX	1	4.9/B.6	OFFICE A132	063	A132	A132	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00963	AX	1	5.0/B.6	OFFICE A133	063	A133	A133	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00964	AX	1	5.0/B.7	WORK ROOM A149 S	079	A149	A149A	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00965	AX	1	5.2/B.6	OFFICE A134	063	A134	A134	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00966	AX	1	5.3/B.6	CUSTODIAN A135	063	A135	A135	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00967	AX	1	5.4/B.7	DSS TESTING	063	A136	A136	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00968	AX	1	5.4/B.8	DSS CLERK	063	A137	A137	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00969	AX	1	5.3/C.0	HEALTH SERV	079	A146	A146	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00970	AX	1	5.4/C.2	CONFERENCE RM A138	063	A138	A138	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00971	AX	1	5.1/C.2	STAIRS A158	079	A158	A158	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG A	SE2.LBA.01	00972	AX	1	5.2/C.3	DEAN'S OFFICE	063	A139	A139	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG B	SE2.LBB.01	00973	AX	1	4.6/D.4	ELEC B108	064	B108	B108	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG B	SE2.LBB.01	00974	AX	1	2.9/D.2	CONFERENCE RM A126	064	B126	B126	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG B	SE2.LBB.01	00975	AX	1	2.8/D.4	OFFICE B113	064	B113	B113	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG B	SE2.LBB.01	00976	AX	1	2.7/D.4	OFFICE B114	064	B114	B114	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG B	SE2.LBB.01	00977	AX	1	2.7/D.2	OFFICE B125	064	B125	B125	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG B	SE2.LBB.01	00978	AX	1	2.5/D.4	OFFICE B115	064	B115	B115	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG B	SE2.LBB.01	00979	AX	1	2.4/D.4	OFFICE B116	064	B116	B116	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG B	SE2.LBB.01	00980	AX	1	2.4/D.2	OFFICE B124	064	B124	B124	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG B	SE2.LBB.01	00981	AX	1	2.3/D.4	OFFICE B117	064	B117	B117	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG B	SE2.LBB.01	00982	AX	1	2.2/D.4	OFFICE B118	064	B118	B118	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG B	SE2.LBB.01	00983	AX	1	2.1/D.4	CONFERENCE RM B119	064	B119	B119	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG B	SE2.LBB.01	00984	AX	1	1.9/D.2	OFFICE B122	064	B122	B122	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG B	SE2.LBB.01	00985	AX	1	2.1/D.2	OFFICE B121	064	B121	B121	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG B	SE2.LBB.01	00986	AX	1	2.0/D.1	OFFICE B133	080	B133	B133	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG B	SE2.LBB.01	00987	AX	1	2.1/D.1	OFFICE B132	080	B132	B132	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG B	SE2.LBB.01	00988	AX	1	2.3/D.2	OFFICE B123	064	B123	B123	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG B	SE2.LBB.01	00989	AX	1	2.8/D.1	WORK RM B128	080	B128	B128	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG B	SE2.LBB.01	00990	AX	1	2.9/D.1	WORK RM B127	064	B127	B127	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG B	SE2.LBB.01	00991	AX	1	4.3/C.4	WOMEN'S RR B139	080	B139	B139	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG B	SE2.LBB.01	00992	AX	1	4.4/C.4	MEN'S RR B140	080	B140	B140	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG B	SE2.LBB.01	00993	AX	1	4.6/B.5	ELECTRICAL B144	064	B144	B144	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG B	SE2.LBB.01	00994	AX	1	4.7/C.4	FIRE RISER B142	080	B142	B142	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG B	SE2.LBB.01	00995	AX	1	4.6/C.4	CUSTODIAN B141	080	B141	B141	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG B	SE2.LBB.01	00996	AB	1	4.7/C.5	MECHANICAL RM B143	080	B143	B143	06/18/2026	
LOS BANOS CAMPUS	LOS BANOS BLDG B	SE2.LBB.01	01016	AX	1	3.8/D.1	WORK ROOM STORAGE	080			06/18/2026	
LOS BANOS CAMPUS	CHILD DEVELOPMENT CTR	SE2.LBD.01	00997	AB	1	2.0/A.9	CDC SOL OFFICE 2	082		004	06/18/2026	
LOS BANOS CAMPUS	CHILD DEVELOPMENT CTR	SE2.LBD.01	00998	AC	1	3.9/B.0	CDC SOL					

Printed Friday, July 31, 2026, 10:18am by: bngb
Xrefs: MCC_ADD_DRS; TB_ARCH; LT_30x42; MCC_Logo

OVERVIEW	
THE DOOR DETAIL SCHEDULE TO THE RIGHT PROVIDES INFORMATION ABOUT EXISTING HARDWARE AT EACH POINT. THIS WAS DONE TO HELP ESTIMATE THE RETROFIT WORK REQUIRED AT EACH POINT MORE ACCURATELY AND ALSO TO PROVIDE GUIDANCE ON HARDWARE TYPE WHEN REPLACING EXISTING WITH NEW ELECTRIFIED ACCESS CONTROL COMPONENTS. EXISTING FORM FACTOR MUST BE MATCHED TO MAINTAIN CONSISTENCY. FOR EXAMPLE: EXISTING CYLINDRICAL LOCKS WILL BE REPLACED WITH ELECTRIFIED CYLINDRICAL LOCKS. EXISTING CONTINUOUS HINGES WILL BE REPLACED WITH CONTINUOUS POWER TRANSFER HINGES, ETC. THE "DETAIL" COLUMN CONTAINS A TWO-LETTER CODE REFERENCING DETAILS FOUND IN THE SET SHEETS. THESE DETAILS REPRESENT WHAT EACH POINT WILL BECOME AS A RESULT OF THIS SCOPE OF WORK. THE "INSTALL CODES" COLUMN PROVIDES ADDITIONAL GUIDANCE SPECIFIC TO EACH POINT.	

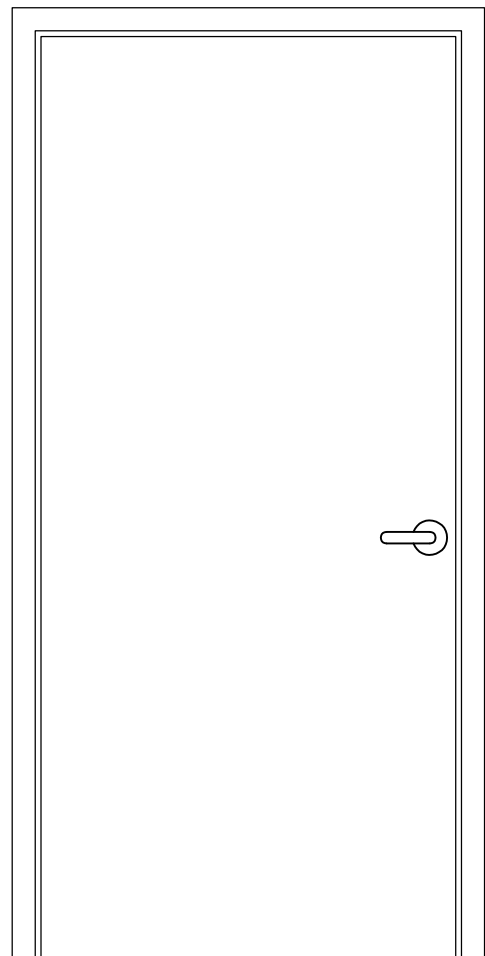
KEY					
DOOR INFO		CODE	DESCRIPTION	HARDWARE INFO	
OPENING TYPE	SD	SINGLE DOOR		LOCK	C
	DD	DOUBLE DOOR			PH
DOOR TYPE	SLB	SOLID SLAB DOOR		CYLINDER CORE	CC
	PGD	PARTIAL GLASS DOOR (ABOVE HANDLE)			FSIC
	FGD	FULL-HEIGHT GLASS DOOR			SPIC
	SFG	STORE FRONT GLASS DOOR			PRIM
FRAME TYPE	GF	GROUTED FRAME		PANIC	RIM
	HM	HOLLOW METAL FRAME			LVR
	ALU	ALUMINUM STORE FRONT FRAME			NL
WALL/SURROUND	CW	CONCRETE WALL		FLUSH BOLTS	AFB
	FRP	FIBERGLASS REINFORCED PANEL			MFB
	FW	FRAMED WALL		INSTALLATION NOTES:	
	SFG	STORE FRONT GLASS WALL			
	SL	SIDE LIGHT			
CEILING TYPE	WB	WALL BOARD			
	DT	DROP TILE		1. REUSE EXISTING KEY CORE IN NEW LOCK. 2. PROVIDE NEW FSIC KEY CORE WITH NEW LOCK. 3. REPLACE EXISTING PANIC BAR, REFER TO PLANS AND DOOR DETAILS FOR SPECIFICS. 4. RETOFIT EXISTING PANIC HARDWARE WITH ELECTRIFIED PARTS, REFER TO PLANS AND DOOR DETAILS FOR SPECIFICS. 5. REMOVE EXISTING EXTERIOR TRIM AND REPLACE WITH BLANK COVER PLATE TO MATCH EXISTING AESTHETICS ON SITE.	
	HL	HARD LID			
	HLO	HARD LID OPEN (TO ABOVE FLR)			
	OPN	OPEN- EXPOSED MECHANICAL			
CLOSER	N/A	NO CLOSER			
	1	1 LEAF			
	2	2 LEAVES			
HINGES/ POWER TRANSFER	SH	STANDARD HINGE			
	CH	CONTINUOUS HINGE			

SCALE: NTS

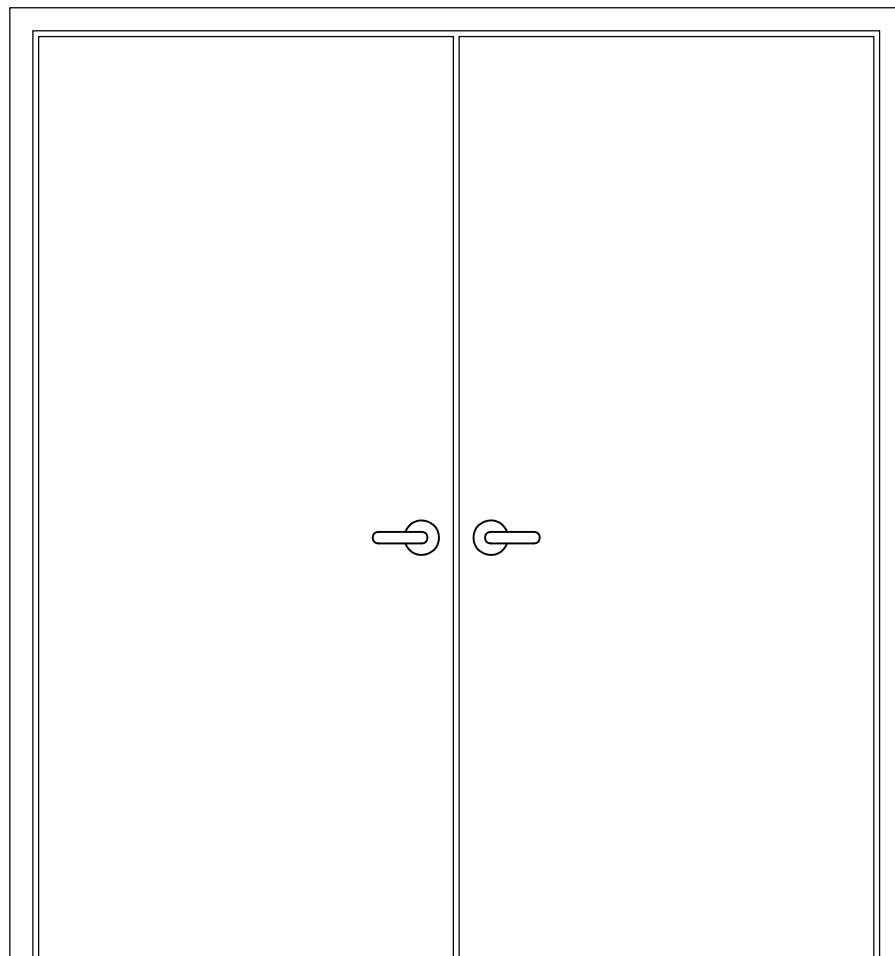
DOOR DETAIL SCHEDULE																															
SITE		BUILDING		FLOOR	PLAN	POINT	DETAIL	DOOR#	EXTERIOR	OPENING TYPE	DOOR TYPE	FRAME TYPE	WALL SURROUND		SECURED SIDE CEILING TYPE	LOCK	HARDWARE FINISH	CYLINDER CORE	CLOSER		HINGE TYPE	BRAND/SERIES	PANIC NOTES		DOGGING/THUMB TURN	INACTIVE LEAF HARDWARE	FLUSH BOLTS	COORDINATOR	INSTALLATION NOTES		
BUSINESS RESOURCE CTR		BUSINESS RESOURCE CTR		1	SE2.BRC.01	00448 BX	129 Y	DD	SLB	HM	HM			DT	C	643E	CC	1	SH								N	MFB		N/A	2
BUSINESS RESOURCE CTR		BUSINESS RESOURCE CTR		1	SE2.BRC.01	00451 AX	117UD Y	SD	SLB	GF	FW			HL	C	643E	CC	1	SH												2
BUSINESS RESOURCE CTR		BUSINESS RESOURCE CTR		1	SE2.BRC.01	00458 AX	A126B Y	SD	SLB	HM	FW			OPN	C	643E	CC	1	SH												2
LOS BANOS CAMPUS		LOS BANOS BLDG A		1	SE2.LBA.01	00492 GA	A122 Y	SD	SFG	ALU	SR		HLO	PH	626	N/A	1	CH			VD35		RIM, LVR		N					5	
BUSINESS RESOURCE CTR		BUSINESS RESOURCE CTR		1	SE2.BRC.01	00905 AX	127 N	SD	SLB	HM	FW			OPN	C	643E	CC	1	SH												2
BUSINESS RESOURCE CTR		BUSINESS RESOURCE CTR		1	SE2.BRC.01	00906 AX	126A N	SD	SLB	HM	FW			OPN	C	643E	CC	N/A	SH												2
BUSINESS RESOURCE CTR		BUSINESS RESOURCE CTR		1	SE2.BRC.01	00907 AX	128A N	SD	FGD	HM	FW			DT	C	643E	CC	1	SH												2
BUSINESS RESOURCE CTR		BUSINESS RESOURCE CTR		1	SE2.BRC.01	00908 AX	106 N	SD	FGD	HM	FW			DT	C	643E	CC	N/A	SH												2
BUSINESS RESOURCE CTR		BUSINESS RESOURCE CTR		1	SE2.BRC.01	00909 AX	109 N	SD	SLB	HM	FW			DT	C	643E	CC	N/A	SH												2
BUSINESS RESOURCE CTR		BUSINESS RESOURCE CTR		1	SE2.BRC.01	00910 AX	110 N	SD	SLB	HM	FW			DT	C	643E	CC	N/A	SH												2
BUSINESS RESOURCE CTR		BUSINESS RESOURCE CTR		1	SE2.BRC.01	00911 AX	111 N	SD	SLB	HM	FW			DT	C	643E	CC	N/A	SH												2
BUSINESS RESOURCE CTR		BUSINESS RESOURCE CTR		1	SE2.BRC.01	00912 AX	116 N	SD	SLB	HM	FW			OPN	C	643E	CC	1	SH												2
BUSINESS RESOURCE CTR		BUSINESS RESOURCE CTR		1	SE2.BRC.01	00913 AX	117J N	SD	SLB	HM	FW			HL	C	643E	CC	1	SH												2
BUSINESS RESOURCE CTR		BUSINESS RESOURCE CTR		1	SE2.BRC.01	00914 AX	118W N	SD	SLB	HM	FW			HL	C	643E	CC	1	SH												2
BUSINESS RESOURCE CTR		BUSINESS RESOURCE CTR		1	SE2.BRC.01	00915 AX	118M N	SD	SLB	HM	FW			HL	C	643E	CC	1	SH												2
BUSINESS RESOURCE CTR		BUSINESS RESOURCE CTR		1	SE2.BRC.01	00916 AX	124A N	SD	SLB	HM	FW			OPN	C	643E	CC	1	SH												2
BUSINESS RESOURCE CTR		BUSINESS RESOURCE CTR		1	SE2.BRC.01	00917 AX	122B N	SD	SLB	HM	FW			OPN	C	643E	CC	1	SH												2
BUSINESS RESOURCE CTR		BUSINESS RESOURCE CTR		1	SE2.BRC.01	00918 AX	120B N	SD	SLB	HM	FW			OPN	C	643E	CC	1	SH												2
BUSINESS RESOURCE CTR		BUSINESS RESOURCE CTR		2	SE2.BRC.02	00919 AX	205 N	SD	SLB	HM	FW			DT	C	643E	CC	1	SH												2
BUSINESS RESOURCE CTR		BUSINESS RESOURCE CTR		2	SE2.BRC.02	00920 AX	208 N	SD	SLB	HM	FW			OPN	C	643E	CC	N/A	SH												2
BUSINESS RESOURCE CTR		BUSINESS RESOURCE CTR		2	SE2.BRC.02	00921 AX	222 N	SD	SLB	HM	FW			OPN	C	643E	CC	1	SH												2
BUSINESS RESOURCE CTR		BUSINESS RESOURCE CTR		2	SE2.BRC.02	00922 AX	217J N	SD	SLB	HM	FW			HL	C	643E	CC	1	SH												2
BUSINESS RESOURCE CTR		BUSINESS RESOURCE CTR		2	SE2.BRC.02	00923 AX	218W N	SD	SLB	HM	FW			HL	C	643E	CC	1	SH												2
BUSINESS RESOURCE CTR		BUSINESS RESOURCE CTR		2	SE2.BRC.02	00924 AX	218M N	SD	SLB	HM	FW			HL	C	643E	CC	1	SH												2
BUSINESS RESOURCE CTR		BUSINESS RESOURCE CTR		2	SE2.BRC.02	00925 AX	216B N	SD	FGD	HM	FW			DT	C	643E	CC	1	SH												2
LOS BANOS CAMPUS		LOS BANOS BLDG A		1	SE2.LBA.01	00926 AX	A149B N	SD	SLB	HM	FW			DT	C	643E	FSIC	N/A	SH												1
LOS BANOS CAMPUS		LOS BANOS BLDG A		1	SE2.LBA.01	00927 AX	A140A N	SD	SLB	HM	FW, SL			DT	C	643E	FSIC	N/A	SH												1
LOS BANOS CAMPUS		LOS BANOS BLDG A		1	SE2.LBA.01	00928 AX	A141 N	SD	SLB	HM	FW, SL			DT	C	643E	FSIC	N/A	SH												1
LOS BANOS CAMPUS		LOS BANOS BLDG A		1	SE2.LBA.01	00929 AX	A150A N	SD	SLB	HM	FW			DT	C	643E	FSIC	N/A	SH												1
LOS BANOS CAMPUS		LOS BANOS BLDG A		1	SE2.LBA.01	00930 AX	A142 N	SD	SLB	HM	FW, SL			DT	C	643E	FSIC	N/A	SH												1
LOS BANOS CAMPUS		LOS BANOS BLDG A		1	SE2.LBA.01	00931 AX	A143 N	SD	SLB	HM	FW, SL			DT	C	643E	FSIC	N/A	SH												1
LOS BANOS CAMPUS		LOS BANOS BLDG A		1	SE2.LBA.01	00932 AX	A144A N	SD	SLB	HM	FW, SL			DT	C	643E	FSIC	N/A	SH												1
LOS BANOS CAMPUS		LOS BANOS BLDG A		1	SE2.LBA.01	00933 AX	A145B N	SD	SLB	HM	FW			DT	C	643E	FSIC	N/A	SH												1
LOS BANOS CAMPUS		LOS BANOS BLDG A		1	SE2.LBA.01	00934 AX	A157 N	SD	SLB	HM	FW			OPN	C	643E	FSIC	N/A	SH												1
LOS BANOS CAMPUS		LOS BANOS BLDG A		1	SE2.LBA.01	00935 AX	A115 N	SD	SLB	HM	FW			HL	C	643E	FSIC	N/A	SH												1
LOS BANOS CAMPUS		LOS BANOS BLDG A		1	SE2.LBA.01	00936 AX	A116 Y	SD	SLB	GF	FW			OPN	C	626	FSIC	N/A	CH												1
LOS BANOS CAMPUS		LOS BANOS BLDG A		1	SE2.LBA.01	00937 AX	A117 N	SD	SLB	HM	FW			DT	C	626	CC	N/A	SH												2
LOS BANOS CAMPUS		LOS BANOS BLDG A		1	SE2.LBA.01	00938 BX	A161 Y	DD	SLB	HM	FW			OPN	C	626	FSIC	2	CH							N	AFB	Y			1
LOS BANOS CAMPUS		LOS BANOS BLDG A		1	SE2.LBA.01	00939 AX	A106A N	SD	SLB	HM	FW			DT	C	643E	FSIC	N/A	SH												1
LOS BANOS CAMPUS		LOS BANOS BLDG A		1	SE2.LBA.01	00940 AX	A107A N	SD	SLB	HM	FW			DT	C	643E	FSIC	N/A	SH												1
LOS BANOS CAMPUS		LOS BANOS BLDG A		1	SE2.LBA.01	00941 AX	A120B N	SD	SLB	HM	FW			DT	C	643E	FSIC	N/A	SH												1
LOS BANOS CAMPUS		LOS BANOS BLDG A		1	SE2.LBA.01	00942 AX	A123A N	SD	SLB	HM	FW			DT	C	643E	FSIC	N/A	SH												1
LOS BANOS CAMPUS		LOS BANOS BLDG A		1	SE2.LBA.01	00943 AX	A124A N	SD	SLB	HM	FW			DT	C	643E	FSIC	N/A	SH												1
LOS BANOS CAMPUS		LOS BANOS BLDG A		1	SE2.LBA.01	00945 AX	A127A N	SD	SLB	HM	FW			DT	C	643E	FSIC	N/A	SH												1
LOS BANOS CAMPUS		LOS BANOS BLDG A		1	SE2.LBA.01	00946 AX	A125 N	SD	SLB	HM	FW			DT	C	643E	FSIC	N/A	SH												1
LOS BANOS CAMPUS		LOS BANOS BLDG A		1	SE2.LBA.01	00947 AX	A156 N	SD	SLB	HM	FW			HL	C	643E	FSIC	N/A	SH												1
LOS BANOS CAMPUS		LOS BANOS BLDG A		1	SE2.LBA.01	00948 AI	A110A Y	SD	SFG	ALU	SFG			DT	PH	626	FSIC	1	CH		VD99		RIM, NL		N					1, 4	
LOS BANOS CAMPUS		LOS BANOS BLDG A		1	SE2.LBA.01	00949 AI	A109A Y	SD	SFG	ALU	SFG			DT	PH	626	FSIC	1	CH		VD99		RIM, NL		N					1, 4	
LOS BANOS CAMPUS		LOS BANOS BLDG A		1	SE2.LBA.01	00950 AI	A108A Y	SD	SFG	ALU	SFG			DT	PH	626	FSIC	1	CH		VD99		RIM, NL		N					1, 4	
LOS BANOS CAMPUS		LOS BANOS BLDG A		1	SE2.LBA.01	00951 AX	A111 Y	SD	SLB	HM	FW			OPN	C	626	FSIC	1	CH												1
LOS BANOS CAMPUS		LOS BANOS BLDG A		1	SE2.LBA.01	00953 BX	A105B N	DD	SLB	HM	FW			HL	C	643E	FSIC	N/A	SH								N	MFB	N		1
LOS BANOS CAMPUS		LOS BANOS BLDG A		1	SE2.LBA.01	00954 AI	A105A Y	SD	SFG	ALU	DT			DT	PH	626	FSIC	1	CH		VD35		RIM, LVR		N					1, 4	
LOS BANOS CAMPUS		LOS BANOS BLDG A		1	SE2.LBA.01	00955 BX	A104B N	DD	SLB	HM	FW			HL	C	643E	FSIC	N/A	SH								N	MFB	N		1
LOS BANOS CAMPUS		LOS BANOS BLDG A		1	SE2.LBA.01	00956 BX	A104A N	DD	SLB	HM	FW			HL	C	643E	FSIC	N/A	SH								N	MFB	N		1
LOS BANOS CAMPUS		LOS BANOS BLDG A		1	SE2.LBA.01	00957 AI	A103A Y	SD	SFG	ALU	SFG			DT	PH	626	FSIC	1	CH		VD35		RIM, LVR		N					1, 4	
LOS BANOS CAMPUS		LOS BANOS BLDG A		1	SE2.LBA.01	00958 AX	A129 N	SD	SLB	HM	FW, SL			DT	C	643E	FSIC	N/A	SH												1
LOS BANOS CAMPUS		LOS BANOS BLDG A		1	SE2.LBA.01	00959 AX	A130 N	SD	SLB	HM	FW, SL			DT	C	643E	FSIC	N/A	SH												1
LOS BANOS CAMPUS		LOS BANOS BLDG A		1	SE2.LBA.01	00960 AX	A131 N	SD	SLB	HM	FW, SL			DT	C	643E	FSIC	N/A	SH					</							

Printed Friday, July 31, 2026, 10:18am by: se026
Xrefs: MCC_ADD_DRS_TB_ARCH_ETI_20242 MCC_0001

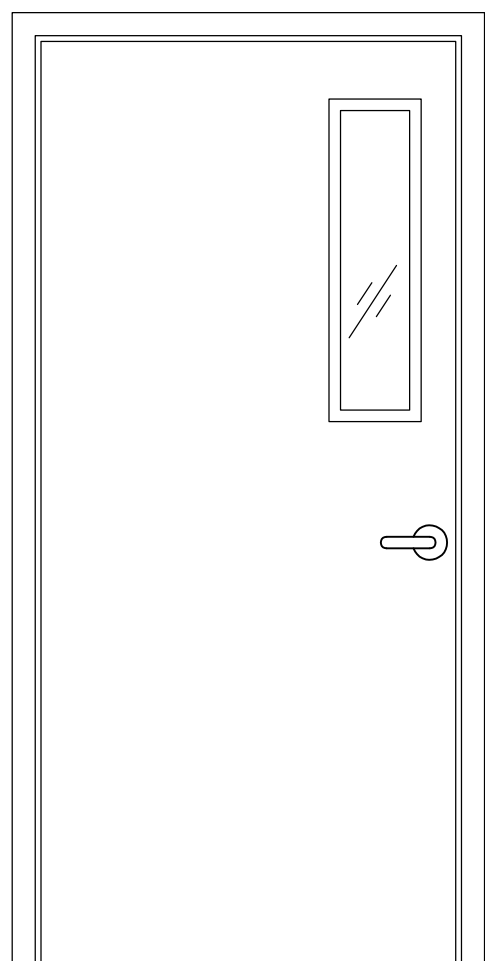
SINGLE SOLID SLAB DOOR
(SD, SLB)



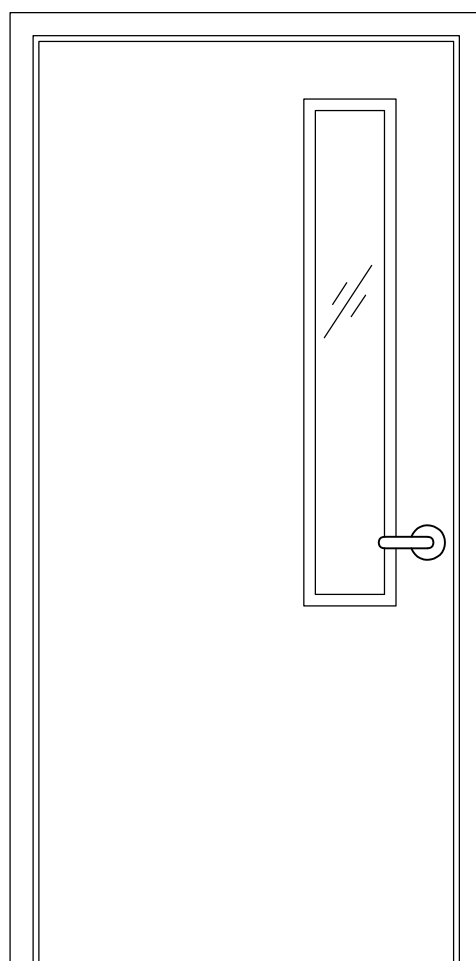
DOUBLE SOLID SLAB DOOR
(DD, SLB)



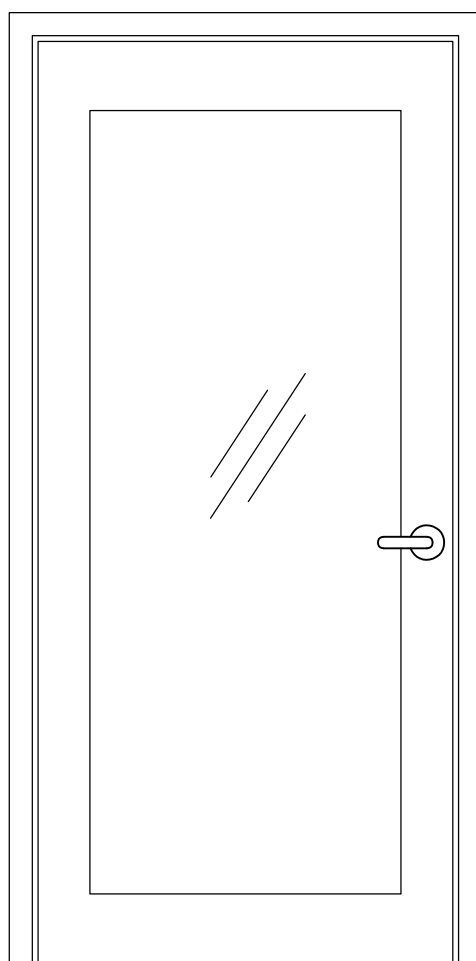
SINGLE PARTIAL GLASS DOOR
(ABOVE HANDLE)
(SD, PGD)



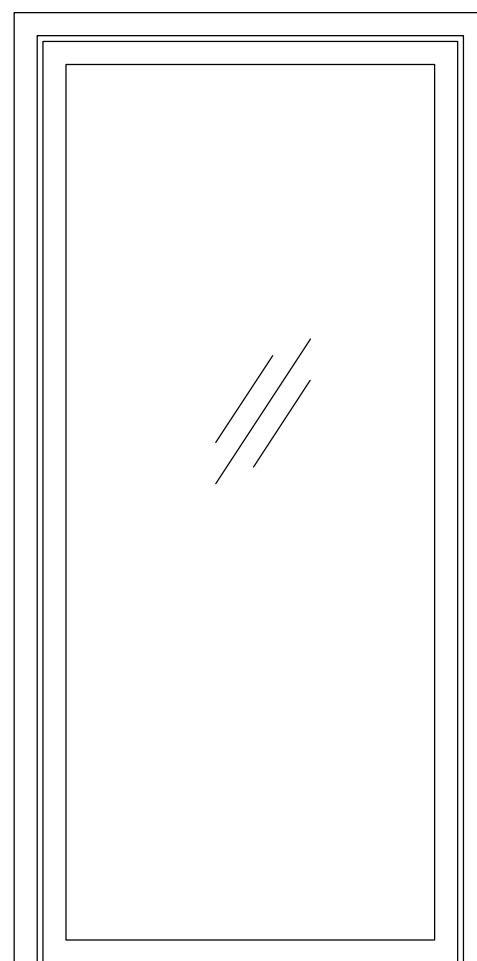
SINGLE FULL-HEIGHT GLASS DOOR
(SD, FGD)



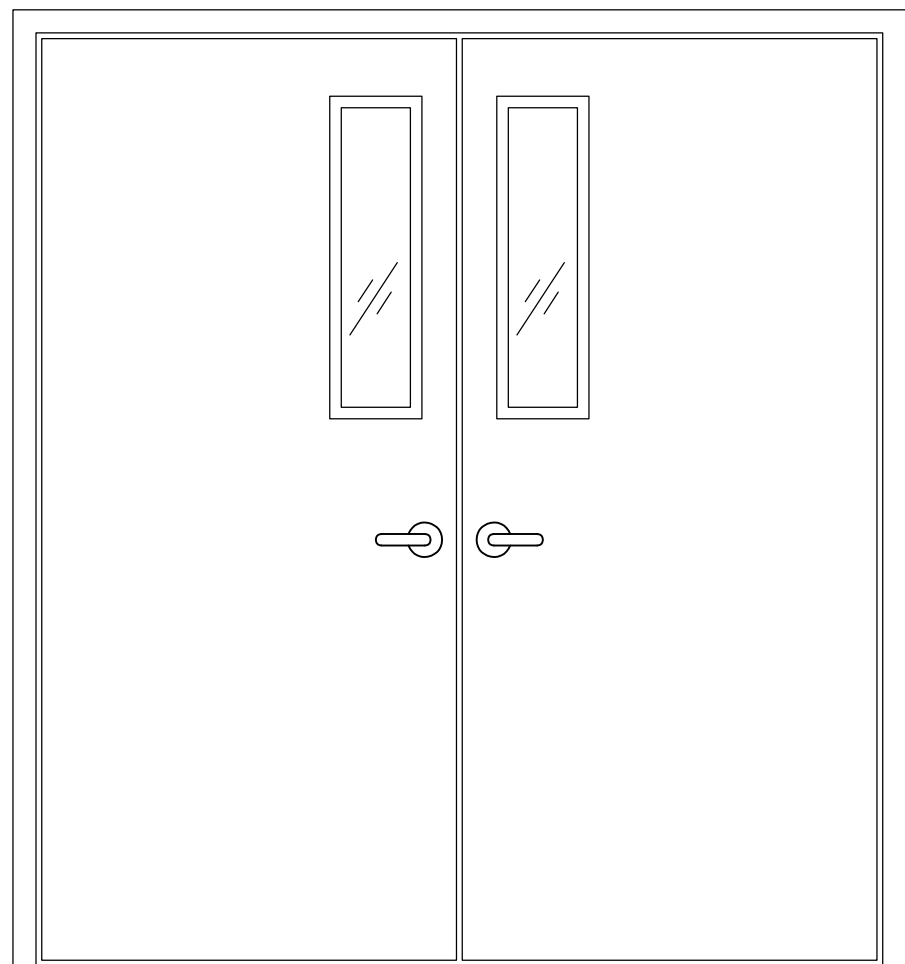
SINGLE FULL-HEIGHT GLASS DOOR
(SD, FGD)



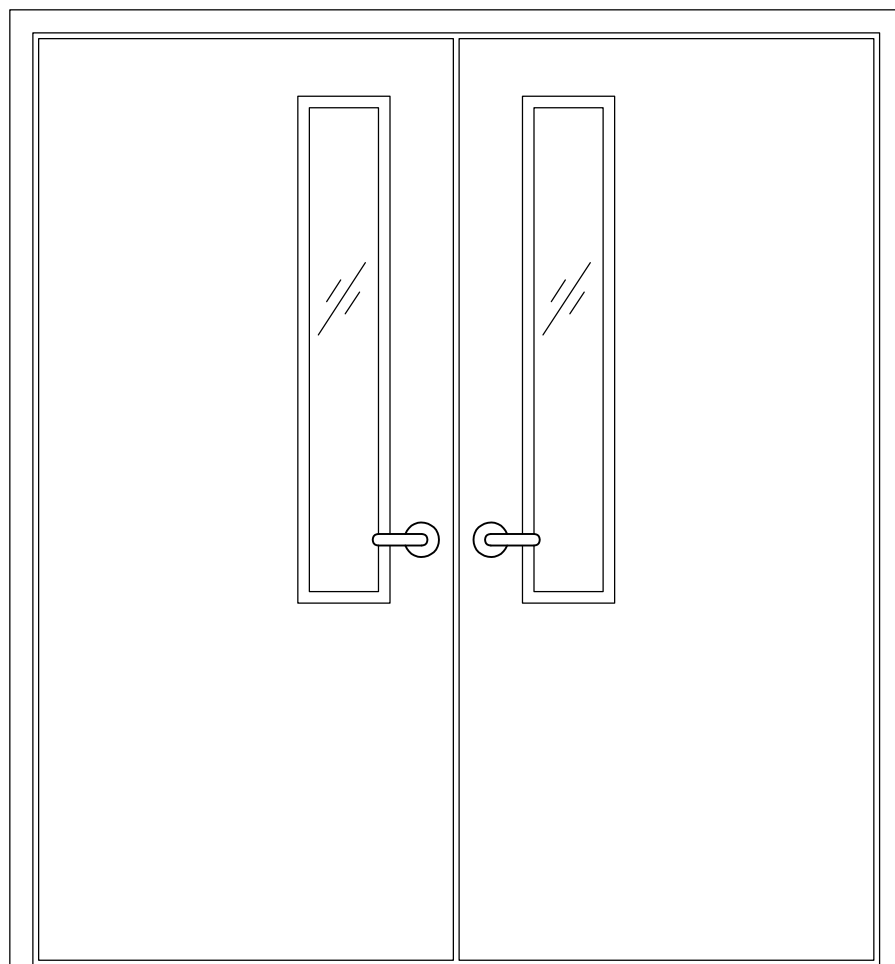
SINGLE STORE FRONT GLASS DOOR
(SD, SFG)



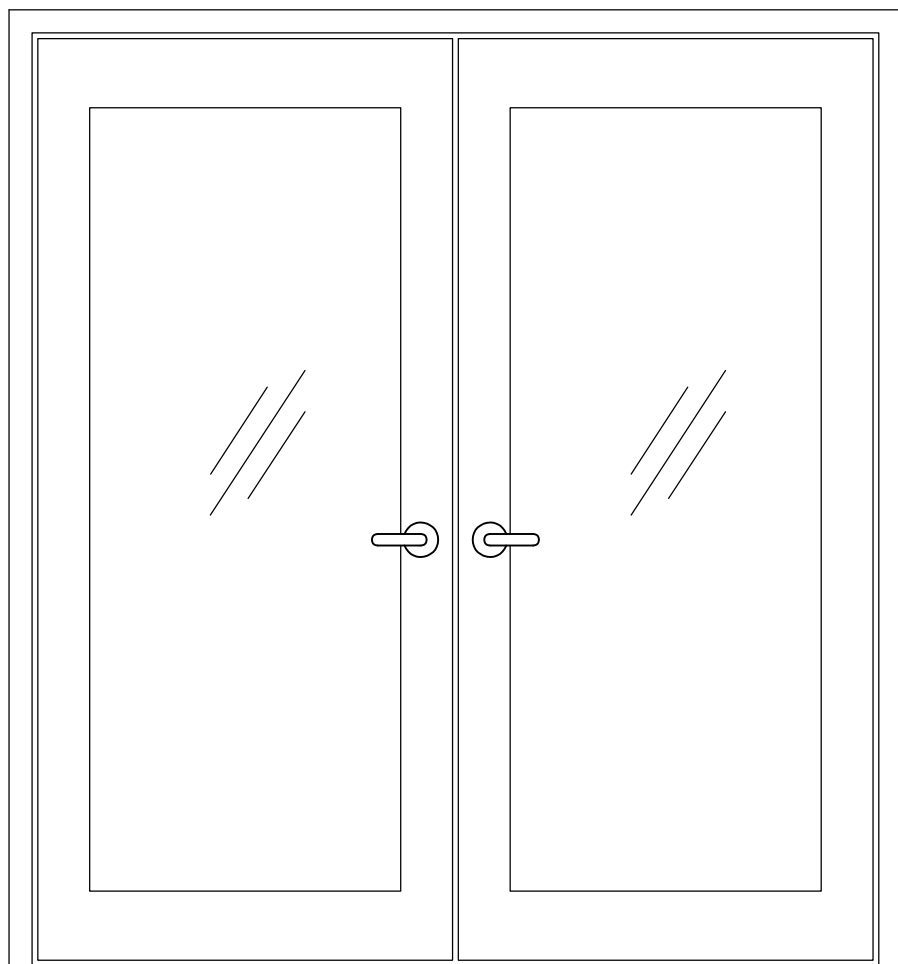
DOUBLE PARTIAL GLASS DOOR
(ABOVE HANDLE)
(DD, PGD)



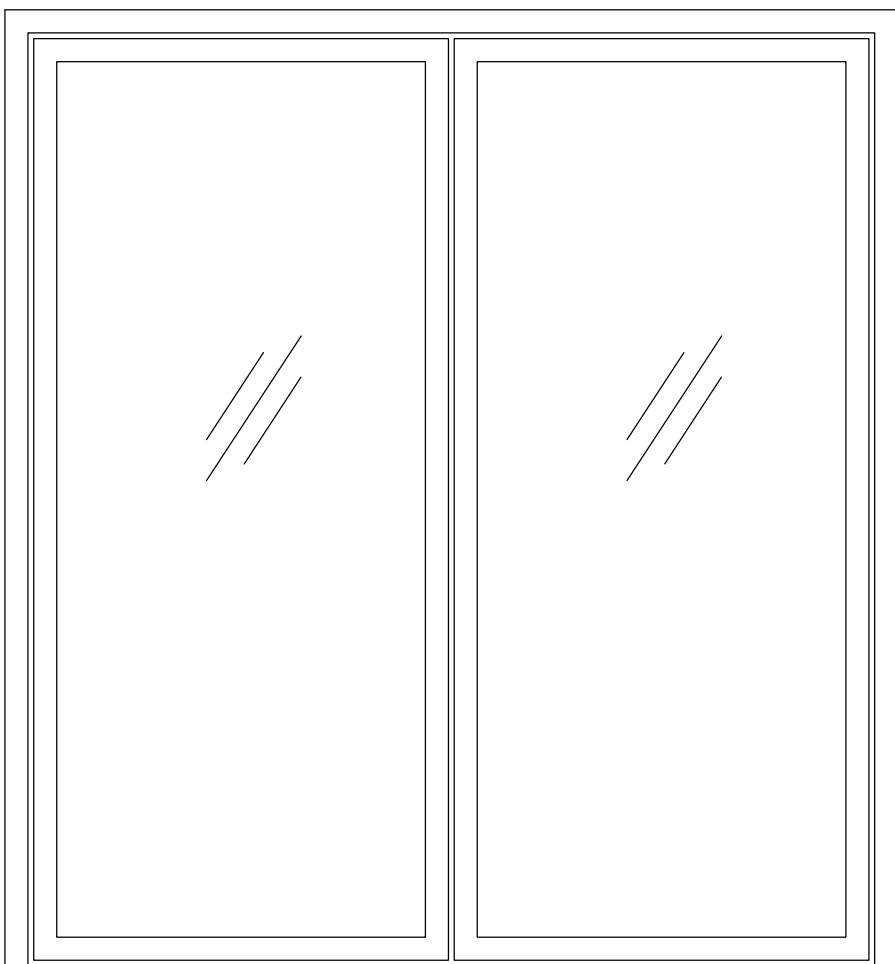
DOUBLE FULL-HEIGHT GLASS DOOR
(DD, FGD)



DOUBLE FULL-HEIGHT GLASS DOOR
(DD, FGD)



DOUBLE STORE FRONT GLASS DOOR
(DD, SFG)



KEY					
DOOR INFO	CODE	DESCRIPTION	HARDWARE INFO	CODE	DESCRIPTION
OPENING TYPE	SD	SINGLE DOOR	LOCK	C	CYLINDRICAL LOCK
	DD	DOUBLE DOOR		PH	PANIC HARDWARE
DOOR TYPE	SLB	SOLID SLAB DOOR	CYLINDER CORE	CC	CONVENTIONAL CYLINDER
	PGD	PARTIAL GLASS DOOR (ABOVE HANDLE)		FSIC	FULL SIZE INTERCHANGEABLE CORE
	FGD	FULL-HEIGHT GLASS DOOR		SFIC	SMALL FORMAT INTERCHANGEABLE CORE
	SFG	STORE FRONT GLASS DOOR		PRIM	PRIMUS KEY FORMAT
FRAME TYPE	GF	GROUTED FRAME	PANIC	RIM	RIM PANIC HARDWARE
	HM	HOLLOW METAL FRAME		LVR	LEVER
	ALU	ALUMINUM STORE FRONT FRAME		NL	KEY RETRACTS LATCH BOLT (HAS PULL)
WALL/SURROUND	CW	CONCRETE WALL	FLUSH BOLTS	AFB	AUTOMATIC FLUSH BOLT
	FRP	FIBERGLASS REINFORCED PANEL		MFB	MANUAL FLUSH BOLT
	FW	FRAMED WALL	INSTALLATION NOTES: 1. REUSE EXISTING KEY CORE IN NEW LOCK. 2. PROVIDE NEW FSIC KEY CORE WITH NEW LOCK. 3. REPLACE EXISTING PANIC BAR, REFER TO PLANS AND DOOR DETAILS FOR SPECIFICS. 4. RETOFIT EXISTING PANIC HARDWARE WITH ELECTRIFIED PARTS, REFER TO PLANS AND DOOR DETAILS FOR SPECIFICS. 5. REMOVE EXISTING EXTERIOR TRIM AND REPLACE WITH BLANK COVER PLATE TO MATCH EXISTING AESTHETICS ON SITE.		
	SFG	STORE FRONT GLASS WALL			
	SL	SIDE LIGHT			
	WB	WALL BOARD			
CEILING TYPE	DT	DROP TILE			
	HL	HARD LID			
	HLO	HARD LID OPEN (TO ABOVE FLR)			
	OPN	OPEN- EXPOSED MECHANICAL			
CLOSER	N/A	NO CLOSER			
	1	1 LEAF			
	2	2 LEAVES			
HINGES/ POWER TRANSFER	SH	STANDARD HINGE			
	CH	CONTINUOUS HINGE			

SCALE: NTS

ORIGINAL DRAWING 30"x42"

DOOR DETAIL SCHEDULE, MERCED COMMUNITY COLLEGE DISTRICT, BUSINESS RESOURCE CENTER & LOS BANOS, BALANCE OF DOORS
REV: 0 DATE: 07/07/2026 ©2026, SECURITY BY DESIGN, INC.

00.80.001



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BRC & LB
BALANCE OF DOORS



SECURITY BY DESIGN

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Pacheco, CA 94553

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REGISTRATION

0	08/03/2026	100% CD
ISSUE	DATE	DESCRIPTION

KEY PLAN

PROJECT NUMBER:	MCC250807
ENGINEER:	DMM
DRAFTER:	CMS
CHECKED BY:	JAM
SCALE:	NTS
FILE NAME:	SE0-22_MCC_ADD_DRS

SHEET TITLE

DOOR DETAIL
SCHEDULE

SHEET NUMBER

SE0.22b

Printed Friday, August 07, 2026, 4:53pm by Stephanie
Xrefs: BRC_Level_1_20260316_MCC_BRC_TB.dwg, LT_20x42_MCC.dwg

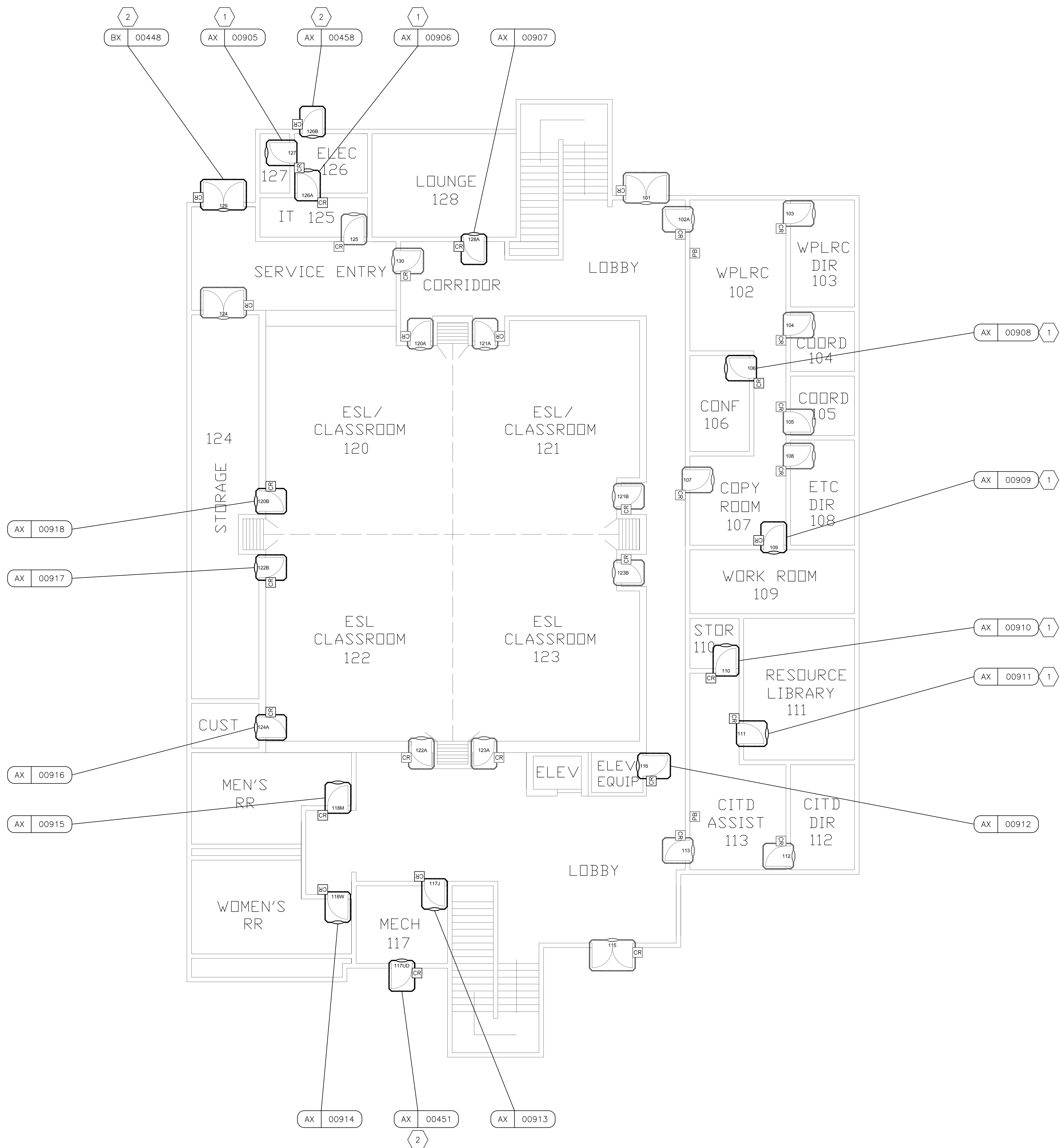
E

D

C

B

A



GENERAL NOTES

1. EXISTING ACS DOORS SHOWN HALF TONE FOR REFERENCE, THERE IS NO WORK IN THIS SCOPE FOR THESE POINTS.

SHEET NOTES

1. DOOR IS NOT REQUIRED TO HAVE A CLOSER, DISABLE DOOR HELD OPEN ALARMS.
2. EXISTING ALARM-ONLY DOOR TO BE UPDATED TO NEW DETAIL TYPE. EXISTING DOOR CONTACT TO BE DISCONNECTED AT PANEL AND CABLE TO BE REPLACED.



MERCED
BRC & LB
BALANCE OF DOORS
BUSINESS RESOURCE CENTER
630 W. 19TH STREET
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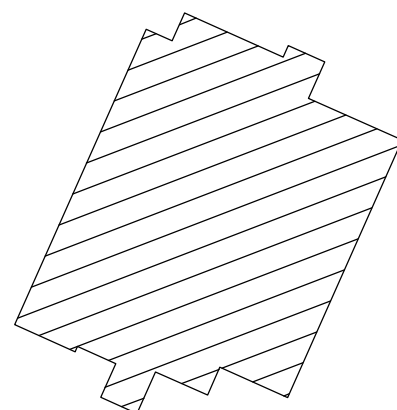
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REGISTRATION

0 08/03/2026 100% CD
ISSUE | DATE | DESCRIPTION

KEY PLAN



PROJECT NUMBER: MCC250807
ENGINEER: DMM
DRAFTER: CMS
CHECKED BY: JAM
SCALE: NTS
FILE NAME: SE2-BRC-01_MCC

SHEET TITLE

BUSINESS
RESOURCE CNT
1ST FLOOR
SECURITY PLAN

SHEET NUMBER

SE2.BRC.01

Printed Friday, August 07, 2026, 4:52pm by Stephanie
Xrefs: BRC_Level 2, 20260316_MCC_BRC_TB_ARCH_E1_30x42_MCC.dwg

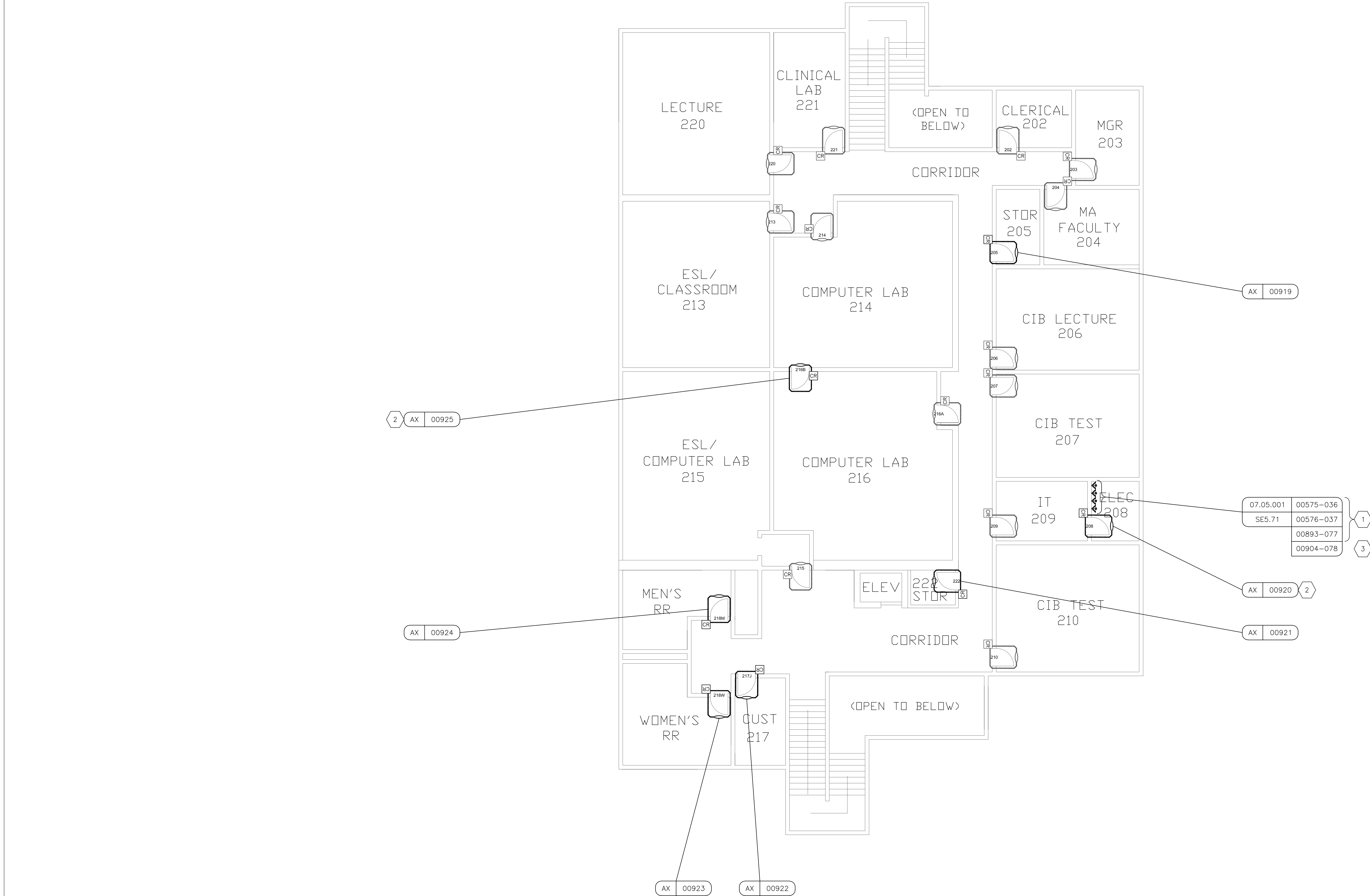
E

D

C

B

A



ORIGINAL DRAWING 30"x42"

GENERAL NOTES

- EXISTING ACS DOORS SHOWN HALF TONE. FOR REFERENCE, THERE IS NO WORK IN THIS SCOPE FOR THESE POINTS.

SHEET NOTES

- EXISTING ACS PANELS.
- DOOR IS NOT REQUIRED TO HAVE A CLOSER, DISABLE DOOR HELD OPEN ALARMS.
- NEW ACS PANEL IN SCOPE.



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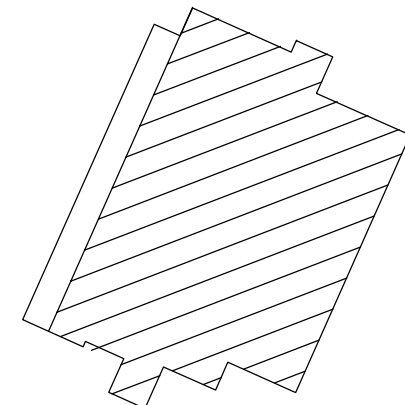
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REGISTRATION

0	08/03/2026	100% CD
ISSUE	DATE	DESCRIPTION

KEY PLAN



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ENGINEER:	DMM
DRAFTER:	SND
CHECKED BY:	JAM
SCALE:	NTS
FILE NAME:	SE2-BRC-02_MCC

SHEET TITLE

**BUSINESS
RESOURCE CNT
2ND FLOOR
SECURITY PLAN**

SHEET NUMBER

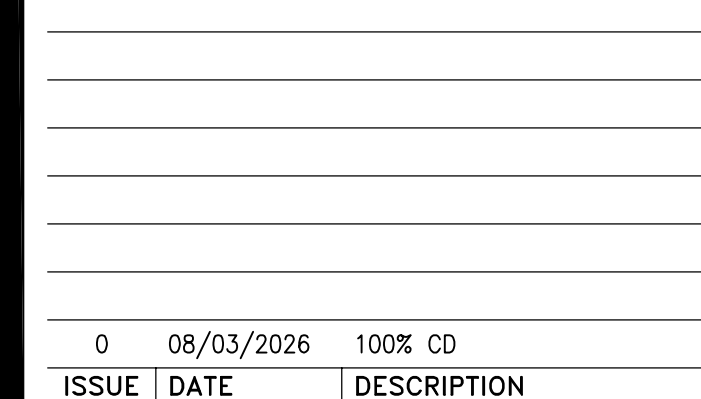
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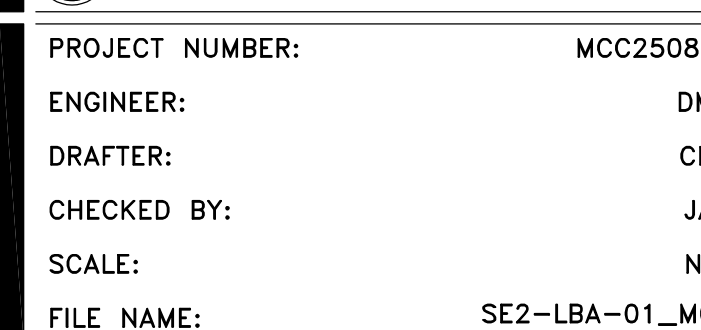


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REGISTRAR



KEY PI



SHEET TITLE

SHEET TITLE

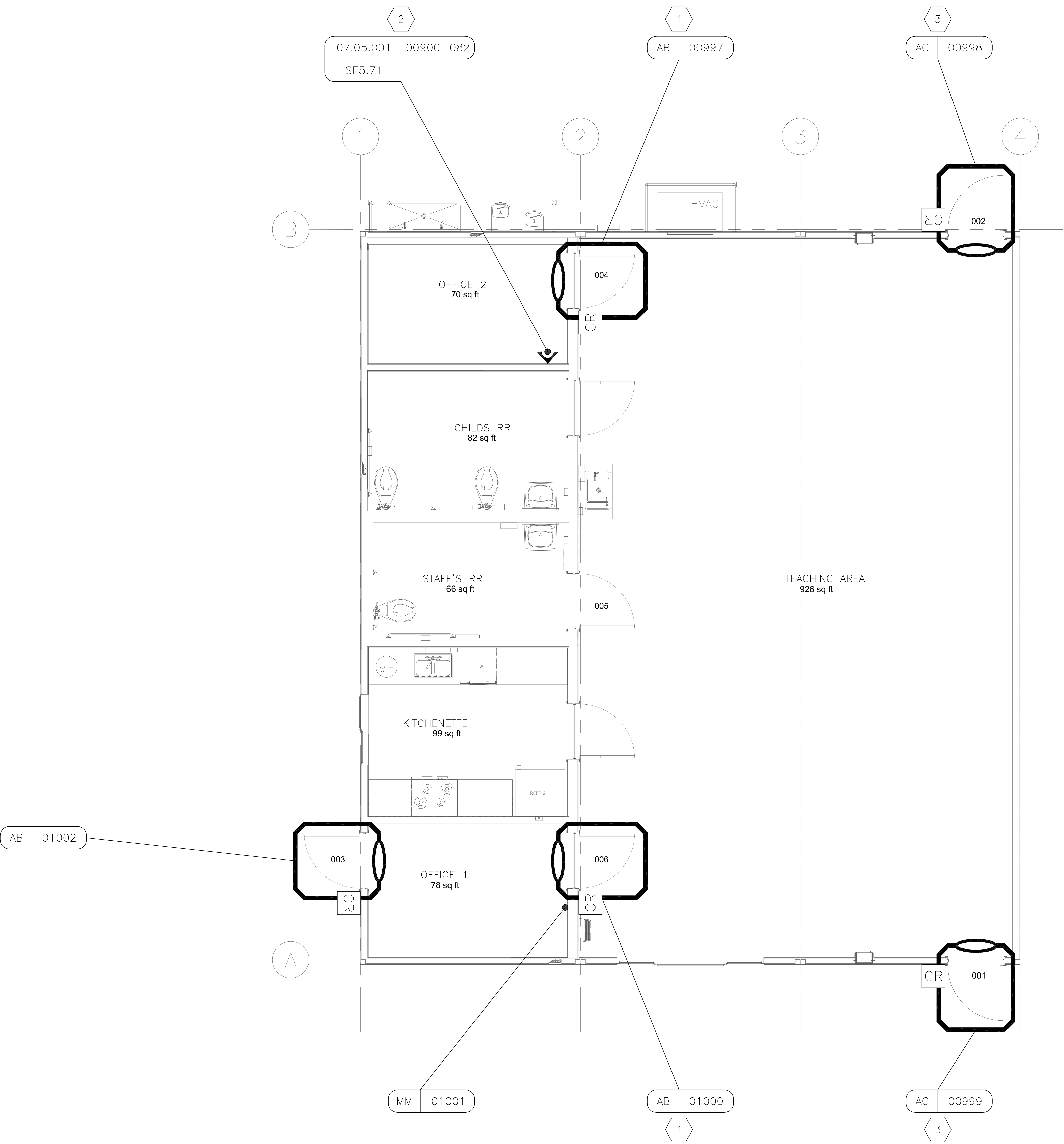
LOS BANOS
BLDG-A
1ST FLOOR
SECURITY PLAN

SHEET NUMBER

SE2.LBA.01



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Xrefs: MCC_LBD_TB_ARCH_L1_30x42; Los Banos_CDC_Bldg_D_20260317_MCC_logs



SHEET NOTES

- DOOR IS NOT REQUIRED TO HAVE A CLOSER, DISABLE DOOR HELD OPEN ALARMS.
- EXACT PANEL HEIGHT AND LOCATION TO BE FIELD COORDINATED AND APPROVED BY OWNER PRIOR TO INSTALLATION.
- EXISTING PANIC BAR TO BE REPLACED, REFER TO DOOR DETAIL FOR MODEL.



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22240 HIGHWAY 152
LOS BANOS, CA 93635



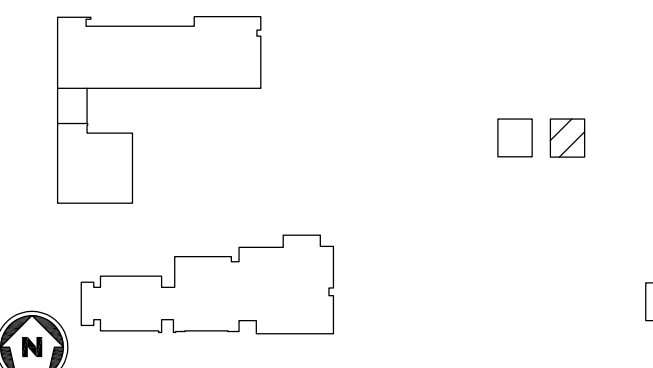
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REGISTRATION

0	08/03/2026	100% CD
ISSUE	DATE	DESCRIPTION

KEY PLAN



PROJECT NUMBER:	MCC250807
ENGINEER:	DMM
DRAFTER:	CMS
CHECKED BY:	JAM
SCALE:	NTS
FILE NAME:	SE2-LBD-01_MCC

SHEET TITLE

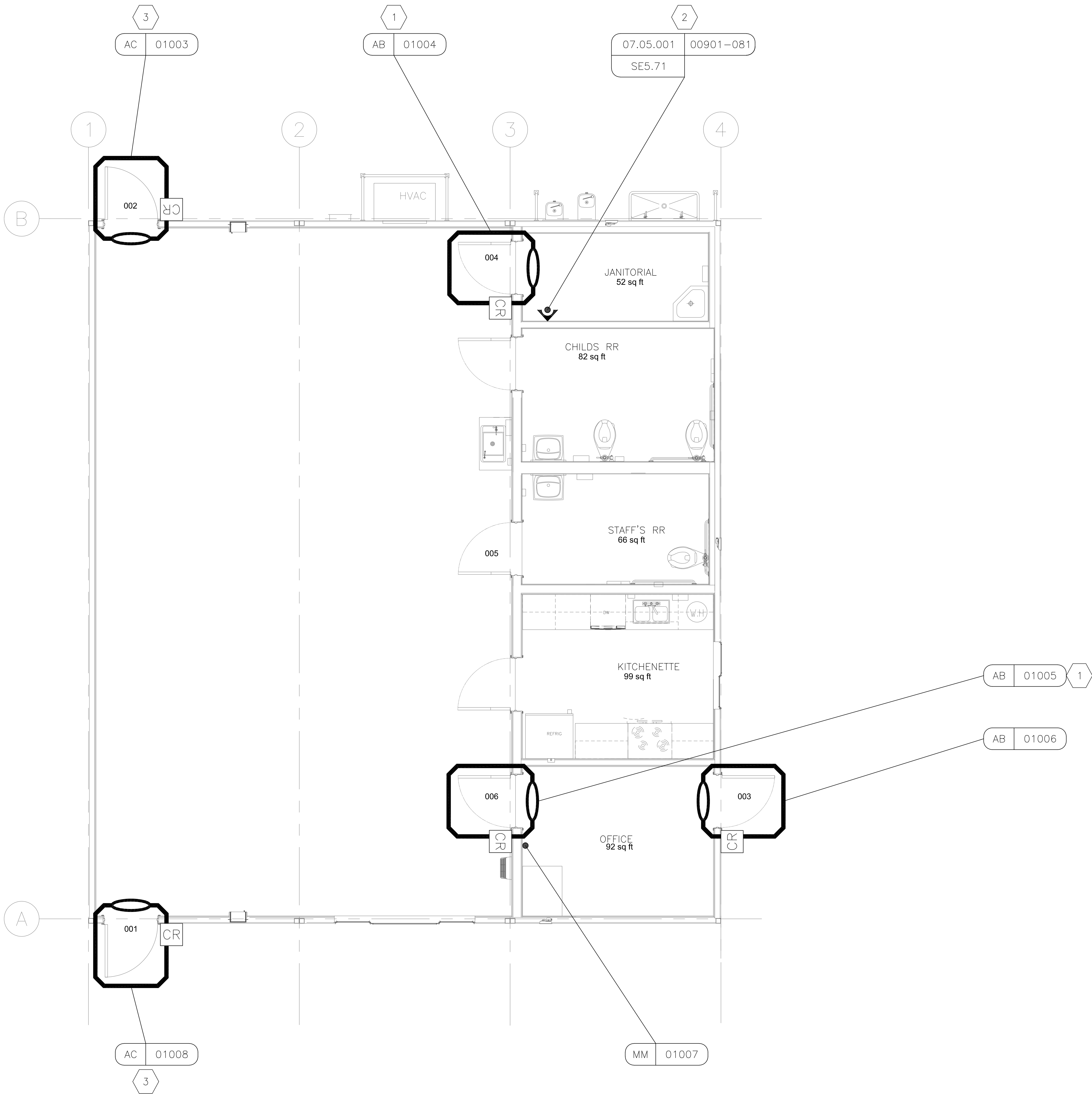
LOS BANOS
CDC EAST
1ST FLOOR
SECURITY PLAN

SHEET NUMBER

SE2.LBD.01



Printed Friday, August 07, 2026, 4:56pm by Stephanie
Xrefs: MCC_LBE_TB_ARCH_L1_30x42; Los Banos_CDC_Bldg_E_20260317_MCC_logs



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LOS BANOS CAMPUS
22240 HIGHWAY 152
LOS BANOS, CA 93635



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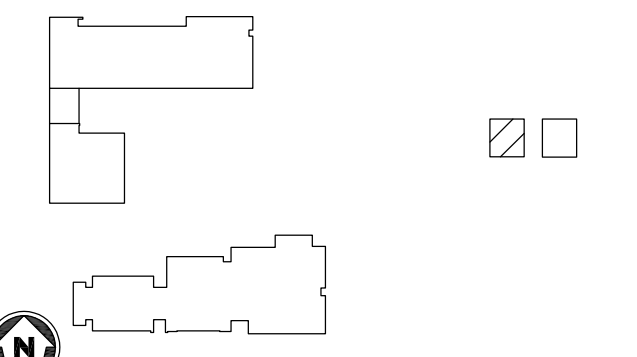
tel: 925.609.1000

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REGISTRATION

0 08/03/2026 100% CD
ISSUE DATE DESCRIPTION

KEY PLAN



PROJECT NUMBER: MCC250807
ENGINEER: DMM
DRAFTER: CMS
CHECKED BY: JAM
SCALE: NTS
FILE NAME: SE2-LBE-01_MCC

SHEET TITLE

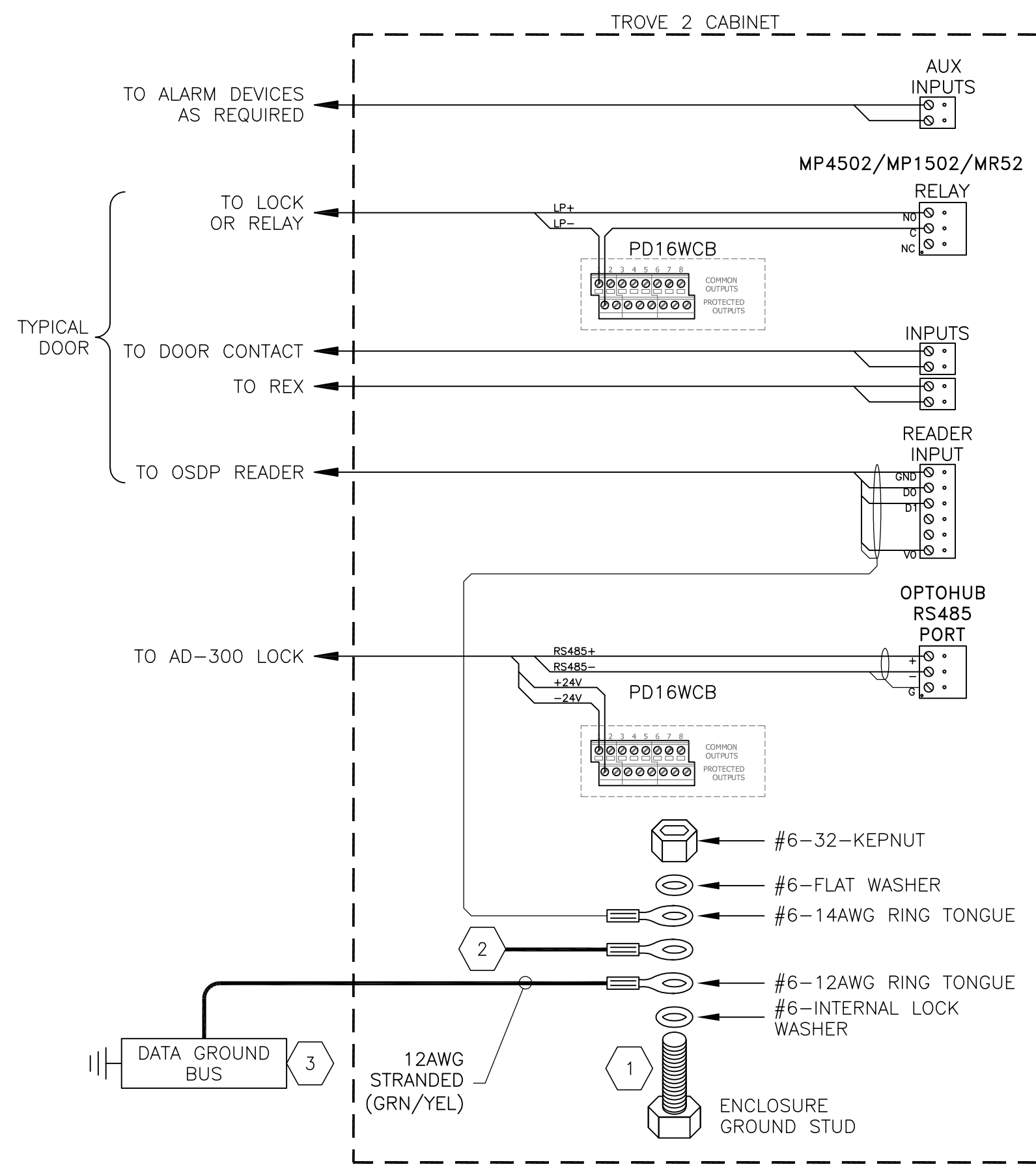
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CDC WEST
1ST FLOOR
SECURITY PLAN

SHEET NUMBER

SE2.LBE.01

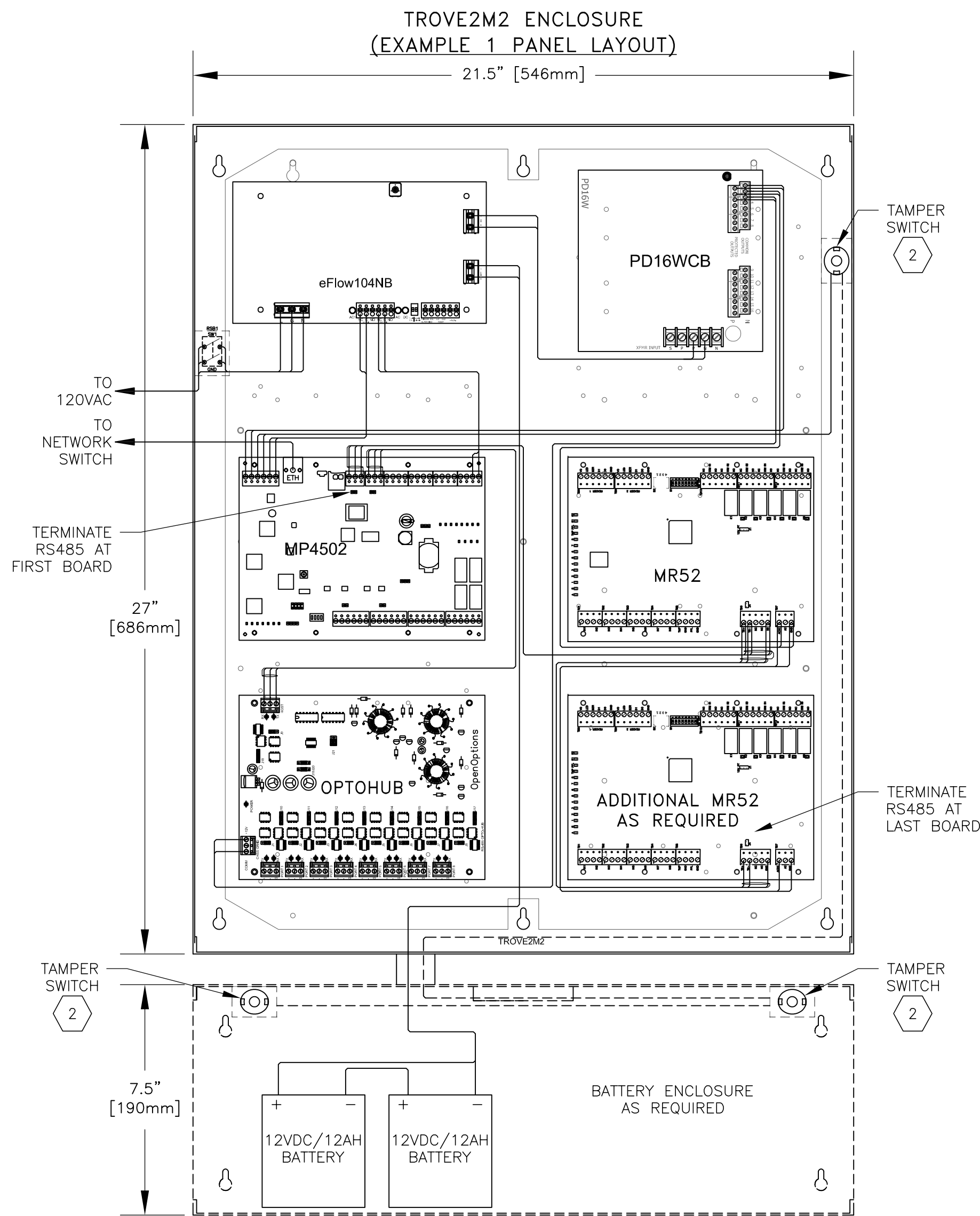


Printed Friday, July 31, 2026, 10:17am by 19268
User: MCC_ADD_DRS, BY: ARCH-ET, 30x42, MCC-07-05-001, MCC-Logo, MCC-Logo



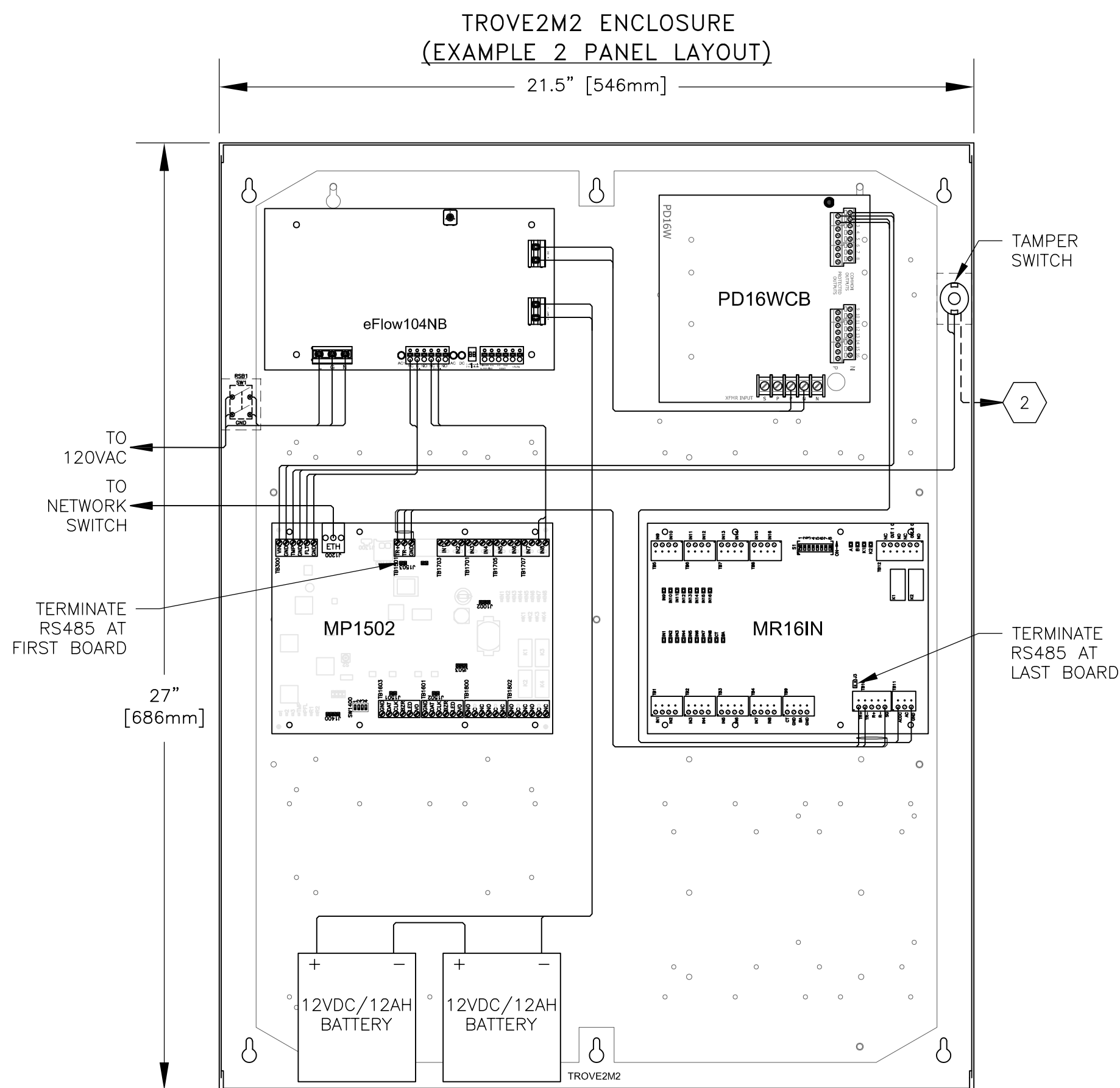
- WIRING DIAGRAM NOTES**
- DO NOT CONNECT THIS ENCLOSURE TO CONDUIT GROUND BECAUSE THIS ENCLOSURE IS TIED TO DATA GROUND.
 - COMMON NEGATIVE FROM POWER SUPPLIES, PROVIDE CRIMPING RING TONGUES, SIZE AND QUANTITY AS REQUIRED, FOR POWER SUPPLY GROUND TERMINATION TO GROUND STUD IN ALTRONIX TROVE ENCLOSURE.
 - WHERE DATA GROUND BUS IS AVAILABLE, USE IT FOR EARTH GROUND. IF DATA GROUND IS NOT AVAILABLE TIE TO AC GROUND.

WIRING DIAGRAM 4



- LAYOUT NOTES**
- REFER TO PANEL EQUIPMENT SCHEDULE FOR SPECIFIC COMPONENTS REQUIRED AT EACH PANEL.
 - IF USING ADDITIONAL BATTERY OR EXPANSION ENCLOSURE, WIRE ALL TAMPER SWITCHES TOGETHER IN SERIES.
 - MONITORING OF TAMPER, AC POWER FAIL, AND BATTERY FAIL IS REQUIRED.
 - EACH OPTOHUB REQUIRES SEPARATE RS485 PORT ON CONTROLLER AND CANNOT BE WIRED IN A CHAIN FORMAT.

SCALE: NTS



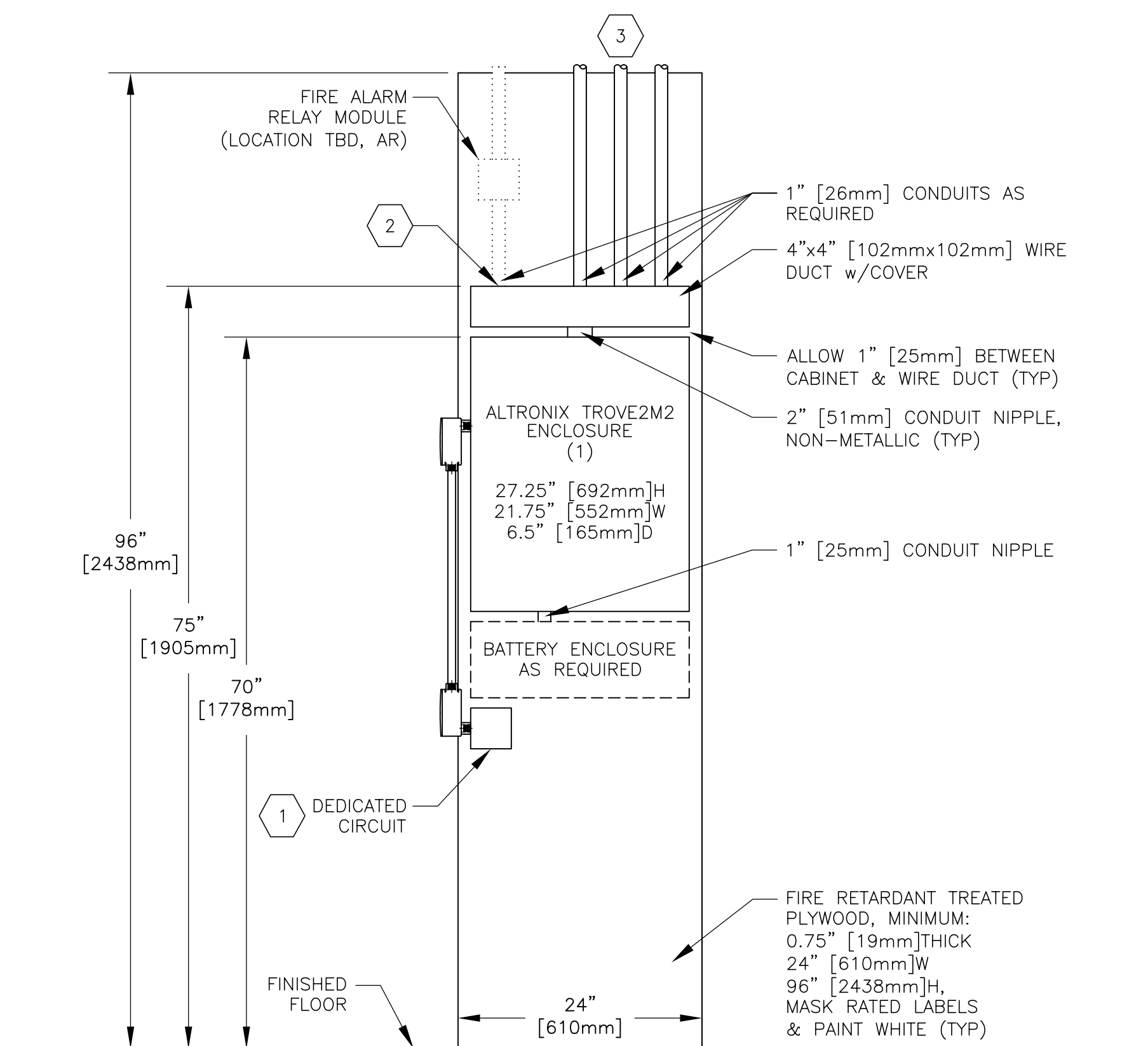
LAYOUT 3

SECURITY EQUIPMENT				
#	QTY	DESCRIPTION	MODEL NUMBER	CODE NOTES
1	1	ALTRONIX - MERCURY ACCESS & POWER INTEGRATION ENCLOSURE w/BACKPLANE, TROVE 2 SERIES	TROVE2M2	A 1,3
2	1	ALTRONIX - POWER SUPPLY CHARGER, SINGLE OUTPUT, 24VDC @ 10A, AUX OUTPUT, FAI, LINQ2 READY, 115VAC, BOARD	EFLOW104NB	B 3
3	1	ALTRONIX - POWER DISTRIBUTION MODULE, 16 PTC OUTPUTS, BOARD	PD16WCB	B 3
4	1	ALTRONIX - SINGLE POWER ON/OFF ROCKER SWITCH w/MOUNTING BRACKET	RSB1	B -
5	2	ALTRONIX - RECHARGEABLE BATTERY, SEALED LEAD ACID (SLA), 12VDC, 12AH	BT1212	B 2
6	1	MERCURY SECURITY - INTELLIGENT CONTROLLER (2 RDRS, 8 INPUTS, 4 OUTPUTS, 1 SERIAL OUTPUT)	MP1502	A 4
7	AR	MERCURY SECURITY - 16-INPUT INTERFACE PANEL, SERIES 3	MR16IN-S3	A 5
8	AR	MERCURY SECURITY - DUAL READER INTERFACE PANEL	MR52-S3	A 5
9	AR	MERCURY SECURITY - 16-OUTPUT INTERFACE PANEL, SERIES 3	MR16OUT-S3	A 5
10	AR	OPEN OPTIONS - 8-PORT SERIAL MULTIPLEXER	OPTOHUB	B 5
11	AR	ALTRONIX - TROVE BATTERY/WIRE TROUGH ENCLOSURE	TROVE2BWC	B -
12	AR	AMP - RING TONGUE #14 AWG, TERMINAL, STUD #6	-	C -
13	AR	AMP - RING TONGUE #12 AWG, TERMINAL, STUD #6	-	C -
14	AR	INTERNAL LOCK WASHER #6	-	C -
15	AR	FLAT WASHER, #6	-	C -
16	AR	KEPNUT 6-32	-	C -
17	AR	DRAIN BUS	-	C -
18	AR	DIODE	1N4934	C -
19	AR	GRI - END OF LINE RESISTOR PACK	6644	B -

CODE INDEX		
A) NO SUBSTITUTE	B) OR APPROVED EQUAL	C) OR EQUAL

- EQUIPMENT LIST NOTES**
- KEY ALIKE ALL ENCLOSURES.
 - INSTALL INSIDE POWER SUPPLY TO PROVIDE NOMINAL BACK-UP.
 - IF A POWER SUPPLY IS PROVIDED OTHER THAN ALTRONIX, THE POWER SUPPLY MUST BE ABLE TO BE MONITORED FOR AC LOSS AND BATTERY TROUBLE CONDITIONS. POWER SUPPLIES THAT CANNOT BE MONITORED WILL NOT BE APPROVED FOR INSTALLATION.
 - SELECT ONLY 1 CONTROLLER PER PANEL. REFER TO SECURITY FLOOR PLANS AND SCHEDULES FOR SPECIFIC PANEL CONTROLLER REQUIRED BY LOCATION.
 - REFER TO SECURITY FLOOR PLANS AND SCHEDULES FOR SPECIFIC PANEL LOADING REQUIREMENTS.

EQUIPMENT LIST 2



- ELEVATION NOTES**
- DEDICATED E-POWER CIRCUIT, CONDUIT, 4" [102mm] SQUARE JUNCTION BOX WITH COVER PLATE. 120VAC/20A CIRCUIT.
 - PROVIDE SUFFICIENT CONDUIT STUBS TO WIRE DUCT FOR SECURITY CABLES.
 - PROVIDE CONDUIT OR CABLE CHASE TO 6" [152mm] ABOVE FINISHED CEILING OR TO CABLE TRAY.
 - ENSURE 3' [914mm] MINIMUM OF CLEAR SPACE IN FRONT OF PLYWOOD.
 - USE CLOSE CONDUIT NIPPLES FOR WIRE ROUTING FROM WIRING DUCT TO ENCLOSURES, SIZE AS REQUIRED.
 - COORDINATE WITH OWNER TO GET 1 NETWORK DROP TO PANEL LOCATION FOR EACH INTELLIGENT CONTROLLER.
 - WHERE RETROFIT CONDITIONS PREVENT THE LAYOUT ABOVE, SUBMIT PROPOSED ALTERNATE LAYOUT FOR APPROVAL.

WALL LAYOUT 1

MERCURY UP TO 16 READER PANEL, ALTRONIX TROVE 2 MERCURY ENCLOSURE
REV: 6 DATE: 07/13/2026 ©2023, SECURITY BY DESIGN, INC. 07.05.001



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REGISTRATION

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ISSUE DATE DESCRIPTION

KEY PLAN

PROJECT NUMBER: MCC250807
ENGINEER: DMN
DRAFTER: SND
CHECKED BY: JAM
SCALE: NTS
FILE NAME: SE5-71_MCC_ADD_DRS

SHEET TITLE
MERCURY PANEL
WALL MOUNT
UP TO 16
READERS

SHEET NUMBER

SE5.71

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REGISTRATION

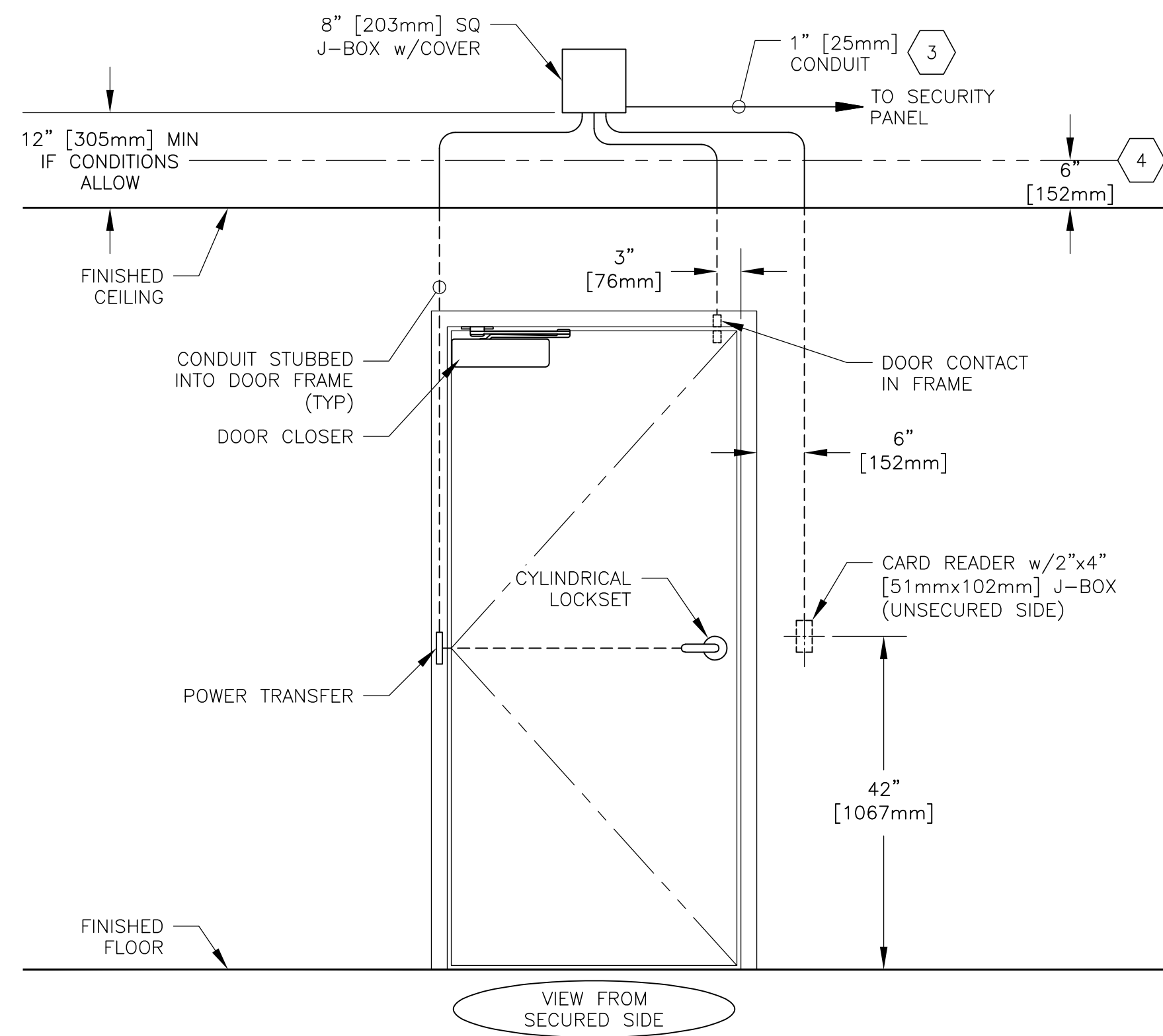
DOOR HARDWARE						
#	QTY	DESCRIPTION	MODEL NUMBER	CODE	NOTES	
1	1	SCHLAGE – ELECTRIC CYLINDRICAL LOCKSET w/ REX SWITCH, FAIR SECURE, 24VDC	ND96EUT–RX	B	1	
2	1	IVES – ELECTRIC HINGE, 8 WIRE IVES – ELECTRIC CONTINUOUS HINGE w/ THROUGH–WIRE PANEL	5B81–TW8 D207XY–TWP CON	B	1.2	
3	1	GR – ALUPIN CONTACT GR – ALUPIN CONTACT	184–12 LC10	B	1	
4	AR	ALLEGION – DOOR CLOSER	LCN 4040XP	B	–	

SECURITY EQUIPMENT					
#	QTY	DESCRIPTION	MODEL NUMBER	CODE	NOTES
1	1	CARD READER — REFER TO SHEET SE0.10, DETAIL 00.08.001	—	A	—
2	AR	GRI — END OF LINE RESISTOR PACK	6644	B	—
3	1	8" [203mm] SQ J-BOX w/COVER	—	C	—

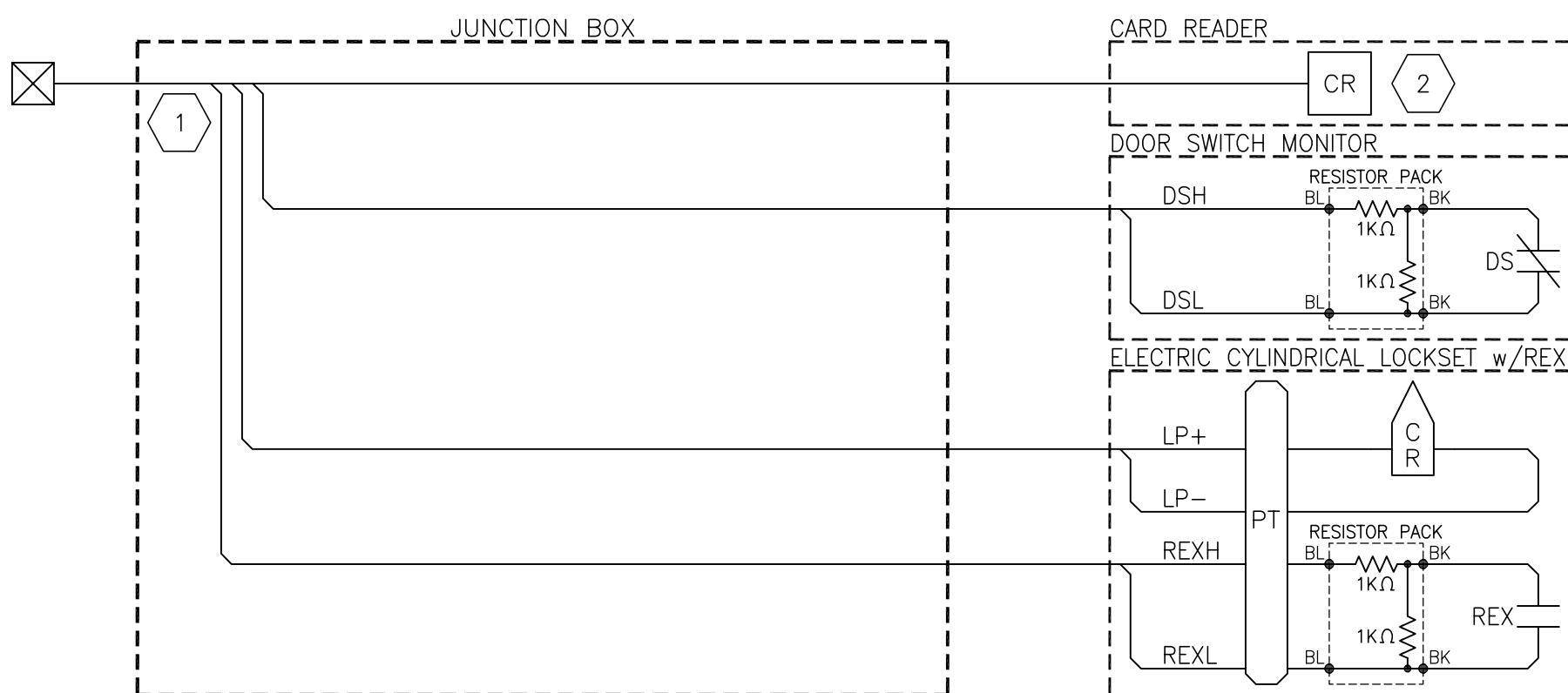
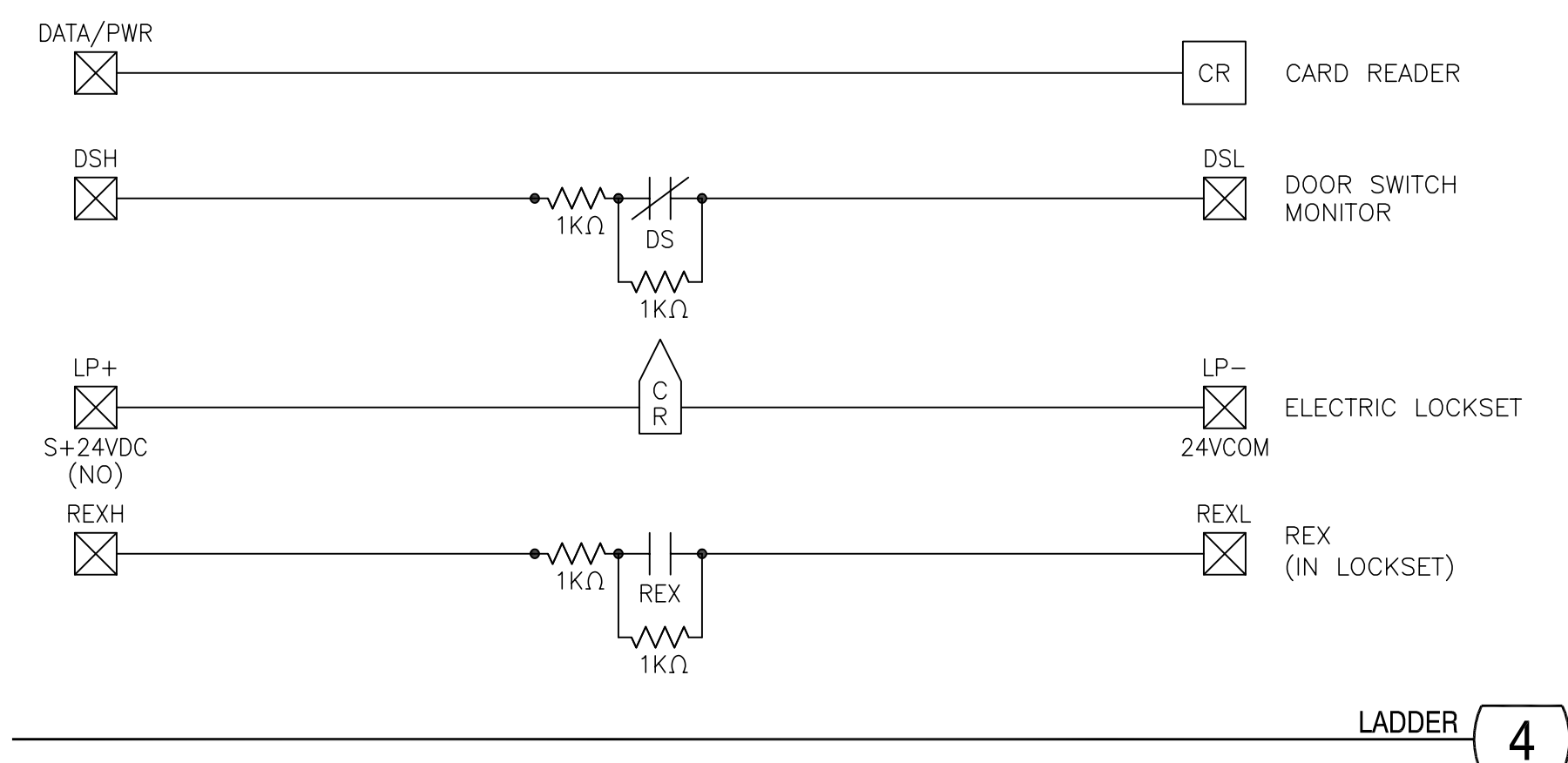
CODE INDEX		
A) NO SUBSTITUTE	B) OR APPROVED EQUAL	C) OR EQUAL

INPUT LOADING	CR	1	REX	1	IP	KPD	OUTPUT LOADING	LOCK	1	MON
	DSM	1	AUX		P/I	A/M		AUX		P/I

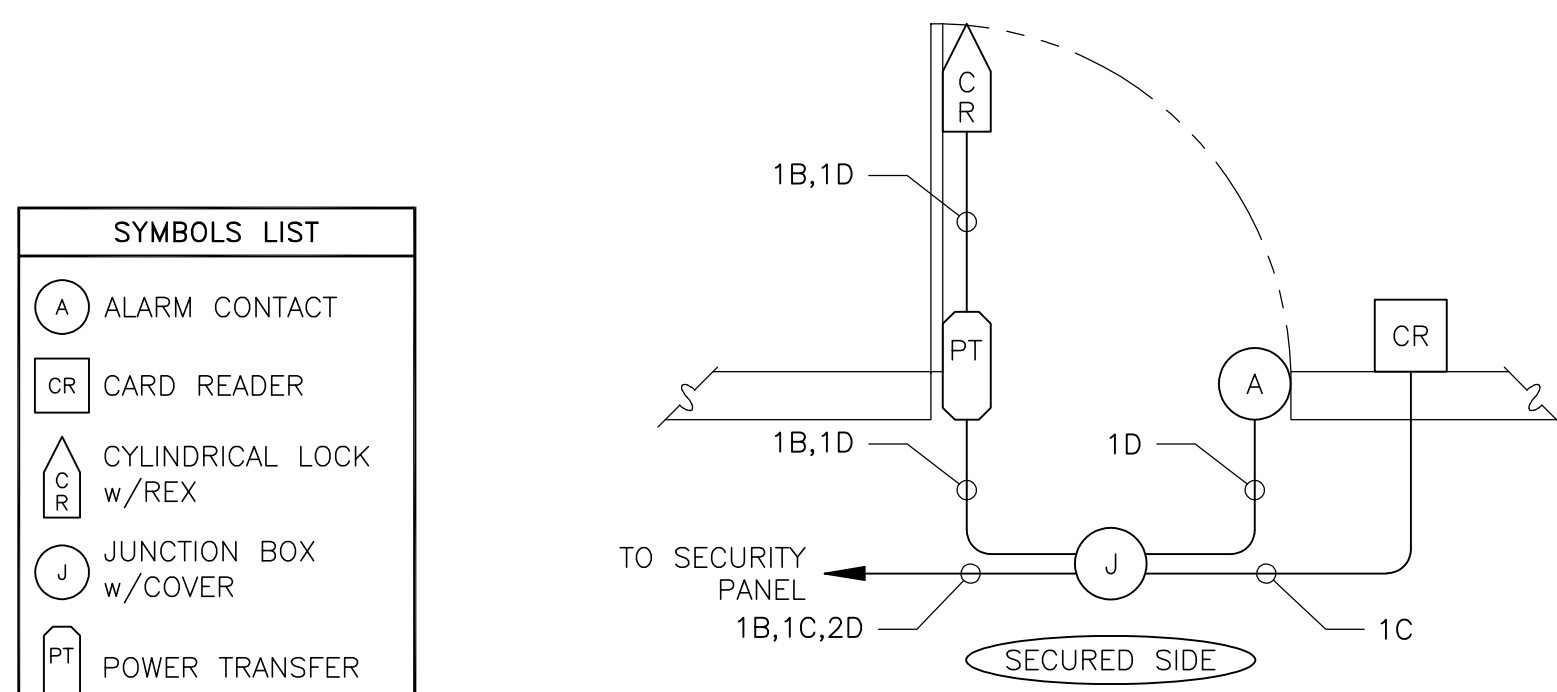
1. FOR RATED ASSEMBLIES, NEW DOORS AND FRAMES MUST BE FACTORY PREPARED FOR ALL ELECTRICAL HARDWARE AND SECURITY DEVICES. EXISTING DOORS BEING RETROFITTED REQUIRE RECERTIFICATION AFTER MODIFICATIONS ARE COMPLETED.
2. CHOOSE ONLY 1 OF THE HARDWARE TYPES TO MATCH EXISTING DOOR PREP CONDITIONS AND HARDWARE. A DOOR CORD WILL ONLY BE CONSIDERED WHERE CONCEALED OPTIONS ARE NOT FEASIBLE, AND REQUIRES WRITTEN APPROVAL FROM OWNER FOR EACH PROPOSED LOCATION.

EQUIPMENT LIST 2

1. THIS DRAWING IS FOR DIAGRAMMATIC PURPOSES ONLY. FOR ACTUAL HANDING AND SWING, REFER TO PLANS
2. DIMENSIONS SHOWN FOR COORDINATION ONLY. EXACT LOCATIONS AND MOUNTING HEIGHTS TO BE FIELD COORDINATED WITH OWNER AND ARCHITECT.
- 3 IF PLENUM INSTALLATION, CONDUIT IS NOT REQUIRED FOR THIS CABLE RUN.
- 4 IF PLENUM INSTALLATION, STUB CONDUIT, WITH PULL STRING, 6" [152mm] ABOVE FINISHED CEILING.
5. ALL CONDUIT IS 1/2" [13mm] UNLESS OTHERWISE NOTED.

ELEVATION 5

- 1 TAG ALL CABLES WITH IDENTIFYING INFORMATION SPECIFIC TO POINT NUMBER PER PLAN AND SCHEDULE.
REFER TO SHEET SE0.02, DETAIL 00.05.501, FOR CABLE LABELING FORMAT.
- 2 REFER TO SHEET SE0.10, DETAIL 00.08.001, FOR SPECIFIC CARD READER AND WIRING.

POINT-TO-POINT 3

- IN THE NORMAL STATE, THE DOOR IS CLOSED, LOCKED ON THE UNSECURED SIDE, AND UNLOCKED FROM THE SECURED SIDE. NORMAL OPERATION IS BY ACCESS, AND ON THE UNSECURED SIDE, AND NEVER FROM THE SECURED SIDE. THE REQUEST-TO-EXIT MICROSWITCH, OPERATED BY THE SECURED SIDE LEVER, WILL SHUNT THE ALARM BUT WILL NOT UNLOCK THE LOCK. IF THE DOOR IS HELD OPEN LONGER THAN A PRE-DETERMINED AMOUNT OF TIME, AN ALARM WILL BE GENERATED. IF THE DOOR IS FORCED, AN ALARM WILL BE GENERATED. IF THE CARD READER IS REMOVED, A TAMPER ALARM WILL BE GENERATED.

DIAGRAM NOTES

1. THIS DRAWING IS FOR DIAGRAMMATIC PURPOSES ONLY. FOR ACTUAL HANDING AND SWING, REFER TO PLANS.

DIAGRAM 1

SINGLE DOOR. CARD IN/FREE EXIT. ELECTRIC CYLINDRICAL LOCKSET w/REX SWITCH. FAIL SECURE

REV: 0 DATE: 05/05/2026 ©2026, SECURITY BY DESIGN, INC.

AE

SCALE: NTS

ORIGINAL DRAWING 30"x42"

PROJECT NUMBER: MCC250807

ENGINEER: DMM

DRAFTER: SN

CHECKED BY: JAM

SCALE: NTS

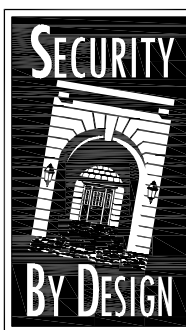
FILE NAME: SE5-AB_MCC_ADD_DR9

SHEET TITLE

DOOR DETAIL
AB

SE5.AB

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REGISTRATION

DOOR HARDWARE						
#	QTY	DESCRIPTION	MODEL NUMBER	CODE	NOTES	
1	1	VON DUPRIN – RIM PANIC BAR w/REX SWITCH & ELECTRIC TRIM, FALL SECURE, 24VDC	AX-PA-LD-RX-99-L f X M966-06 24VDC FSX		A	1,2,3,4
2	1	IVES – ELECTRIC HINGE, 8 WIRE	5B81-TW	B		1,2,5
3	1	IVES – ELECTRIC CONTINUOUS HINGE, w/THROUGH-WIRE PANEL	02XTY-TWP CON			
4	1	VON DUPRIN – ELECTRIC POWER TRANSFER, 10 WIRE	184-12	B		2
5	1	GRI – ALARM CONTACT	AL100	B		2
6	AR	ALLEGION – DOOR CLOSER	LCN 4040XP	B		–

SECURITY EQUIPMENT					
#	QTY	DESCRIPTION	MODEL NUMBER	CODE	NOTES
1	1	CARD READER -- REFER TO SHEET SE0.10, DETAIL 00.08.001	—	A	—
2	AR	GRI -- END OF LINE RESISTOR PACK	6644	B	—
3	1	8" [203mm] SQ J-BOX w/COVER	—	C	—

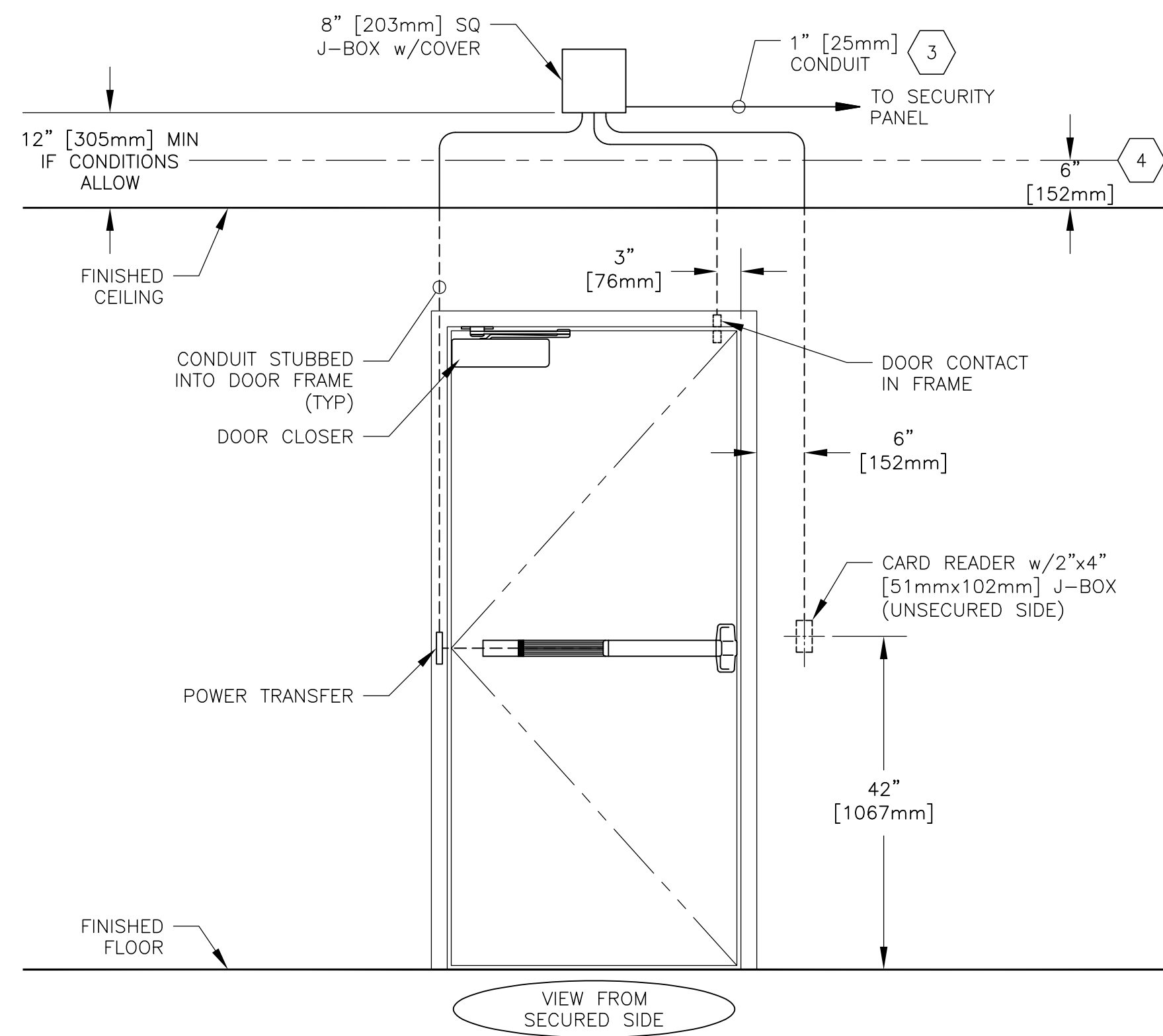
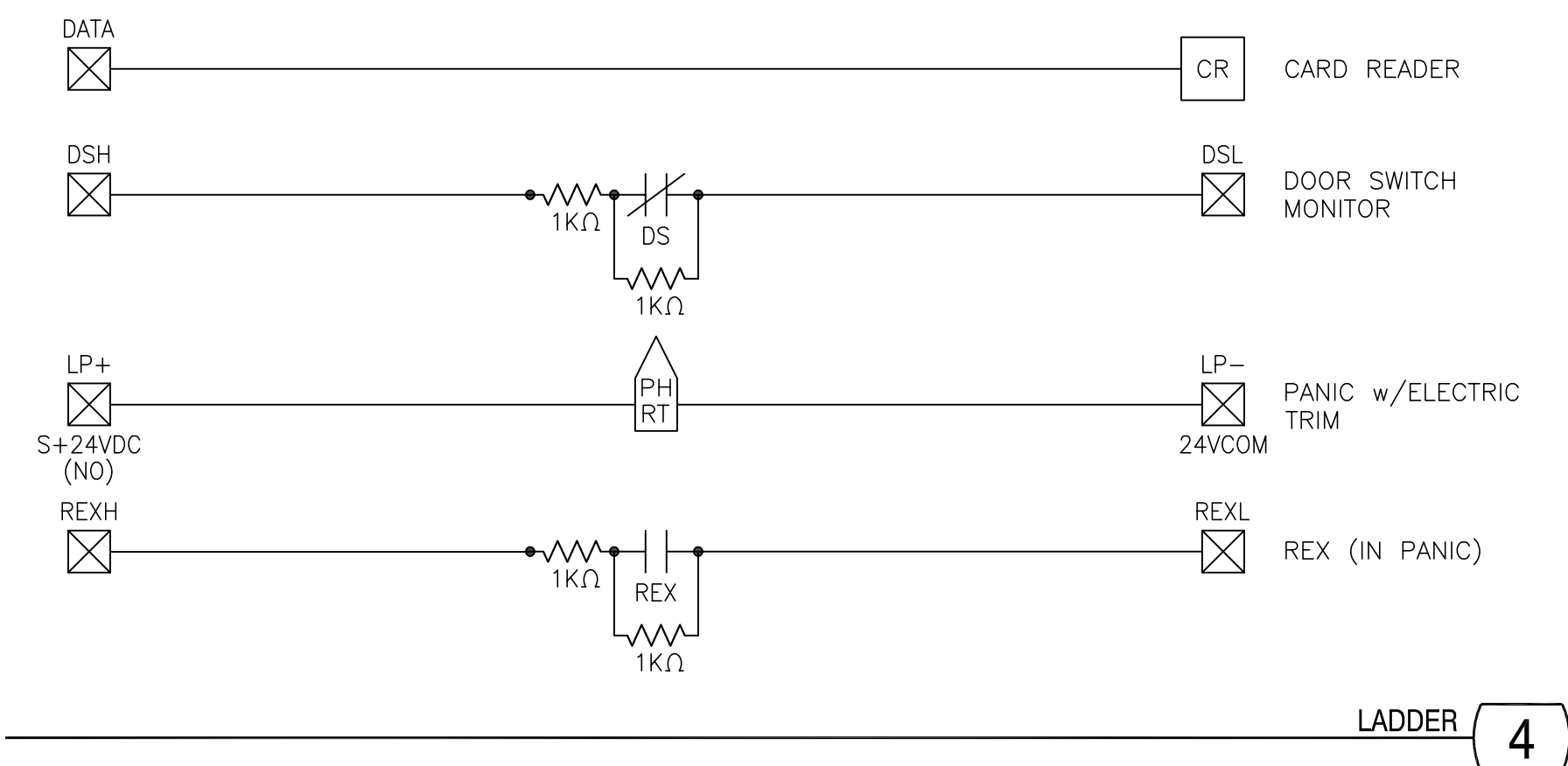
CODE INDEX		
A) NO SUBSTITUTE	B) OR APPROVED EQUAL	C) OR EQUAL

INPUT LOADING	CR	1	REX	1	IP		KPD		OUTPUT LOADING	LOCK	1	MON	
	DSM	1	AUX		P/I		A/M			AUX		P/I	

EQUIPMENT LIST NOTES

1. IF USING OTHER HARDWARE MANUFACTURER, SUBMIT DOCUMENTATION TO SHOW FUNCTIONAL AND OPERATIONAL EQUIVALENCY.
2. FOR EACH HARDWARE ASSEMBLY, NEW DOORS AND FRAMES MUST BE FACTORY PREPARED FOR ALL ELECTRICAL HARDWARE AND SECURITY DEVICES. EXISTING DOORS BEING RETROFITTED REQUIRE RECERTIFICATION AFTER MODIFICATIONS ARE COMPLETED.
3. ORDER PANIC HARDWARE WITHOUT DOGGING FEATURE.
4. PROVIDE THE VON DUPRIN AX-PX-RX-99-L-F w/ M956L 06 24VDC FSE FIRE RATED HARDWARE FOR FIRE RATED DOOR.
5. CHOOSE ONLY 1 OF THE HARDWARE TYPES TO MATCH EXISTING DOOR PREP CONDITIONS AND HARDWARE. A DOOR TYPE WILL BE USED FOR COMPARISON. IF THE HARDWARE TYPES ARE NOT FEASIBLE, AND REQUIRE A WRITTEN APPROVAL FROM OWNER FOR EACH PROPOSED LOCATION.

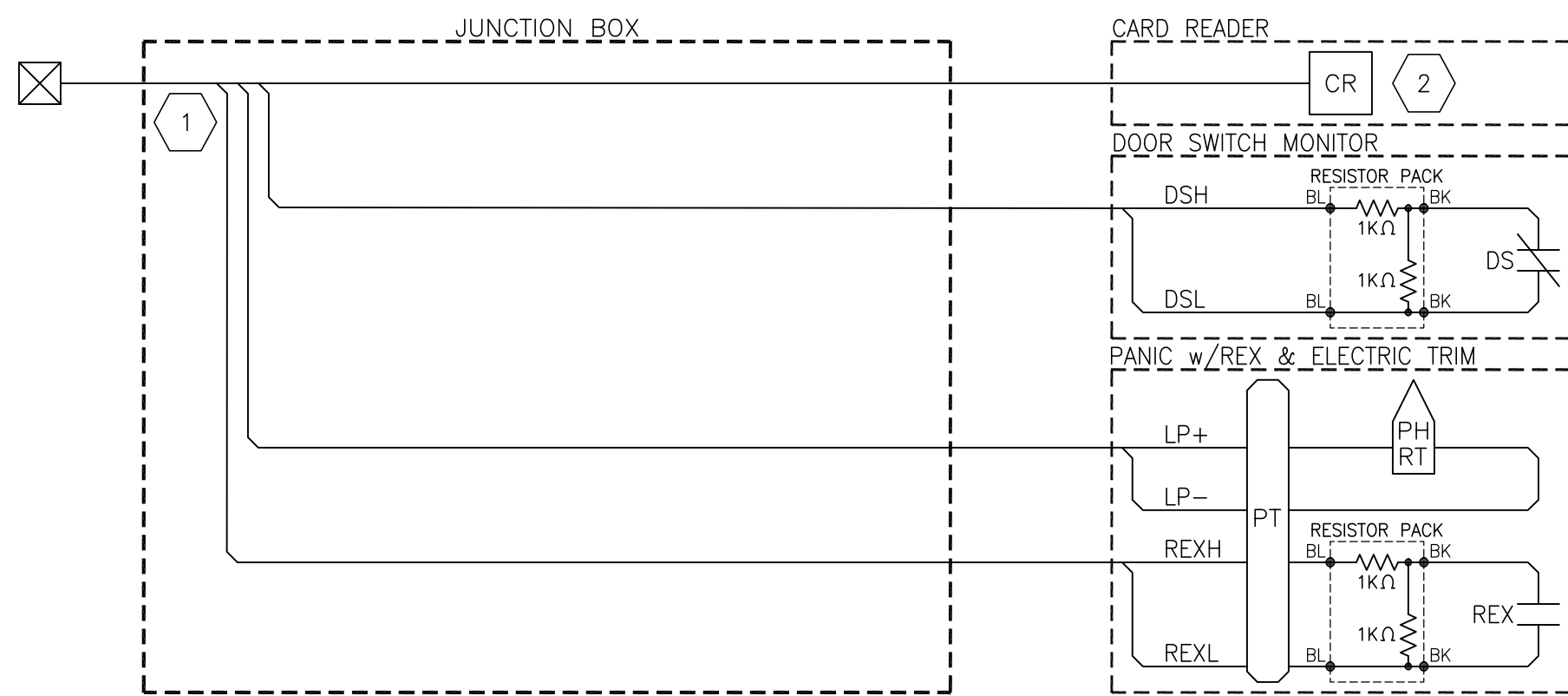
EQUIPMENT LIST



ELEVATION NOTES

1. THIS DRAWING IS FOR DIAGRAMMATIC PURPOSES ONLY. FOR ACTUAL HANDING AND SWING, REFER TO PLANS
2. DIMENSIONS SHOWN FOR COORDINATION ONLY. EXACT LOCATIONS AND MOUNTING HEIGHTS TO BE FIELD COORDINATED WITH OWNER AND ARCHITECT.
- 3 IF PLENUM INSTALLATION, CONDUIT IS NOT REQUIRED FOR THIS CABLE RUN.
- 4 IF PLENUM INSTALLATION, STUB CONDUIT, WITH PULL STRING, 6" [152mm] ABOVE FINISHED CEILING.
5. ALL CONDUIT IS 1/2" [13mm] UNLESS OTHERWISE NOTED.

ELEVATION

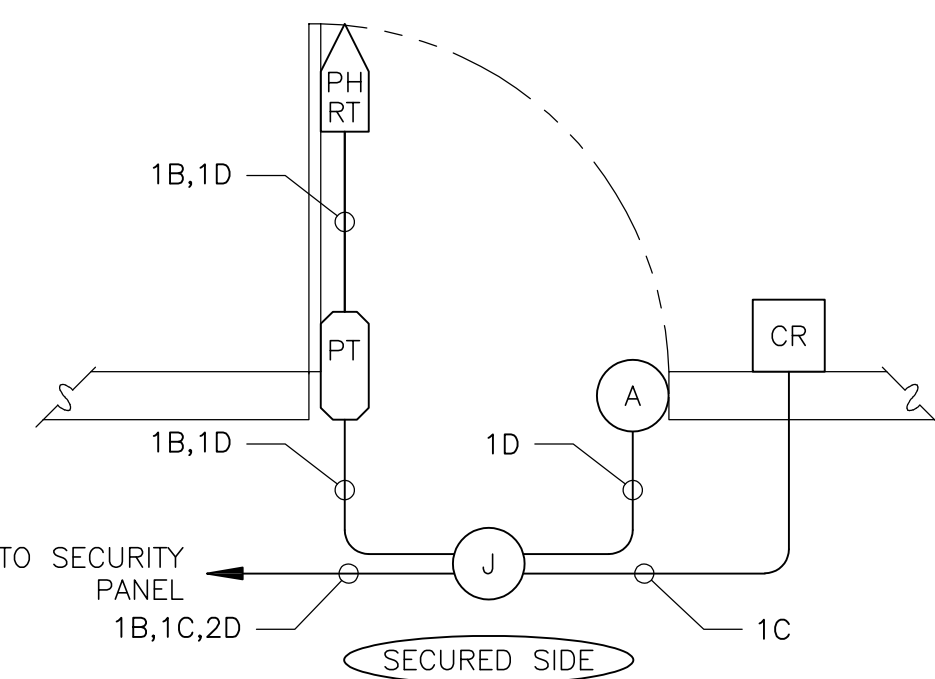


POINT-TO-POINT NOTES

- 1 TAG ALL CABLES WITH IDENTIFYING INFORMATION SPECIFIC TO POINT NUMBER PER PLAN AND SCHEDULE. REFER TO SHEET SE0.02, DETAIL 00.05.501, FOR CABLE LABELING FORMAT.
- 2 REFER TO SHEET SE0.10, DETAIL 00.08.001, FOR SPECIFIC CARD READER AND WIRING.

POINT-TO-POINT

SYMBOLS LIST	
	ALARM CONTACT
	CARD READER
	JUNCTION BOX w/COVER
	PANIC w/REX & ELECTRIC TRIM
	POWER TRANSFER



OPERATION

IN THE NORMAL STATE, THE DOOR IS CLOSED, LOCKED ON THE UNSECURED SIDE, AND UNLOCKED FROM THE SECURED SIDE. NORMAL OPERATION IS BY ACCESS CARD ON THE UNSECURED SIDE AND BY PUSH BAR FROM THE SECURED SIDE. THE REQUEST-TO-EXIT MICROSWITCH, OPERATED BY THE SECURED SIDE PUSH BAR, WILL SHUNT THE ALARM BUT NOT UNLOCK THE LOCK. IF THE DOOR IS HELD OPEN LONGER THAN A PRE-DETERMINED AMOUNT OF TIME, AN ALARM WILL BE GENERATED. IF THE DOOR IS FORCED, AN ALARM WILL BE GENERATED. IF THE CARD READER IS REMOVED, A TAMPER ALARM WILL BE GENERATED.

DIAGRAM NOTES

1. THIS DRAWING IS FOR DIAGRAMMATIC PURPOSES ONLY. FOR ACTUAL HANDING AND SWING, REFER TO PLANS

DIAGRAM

SINGLE DOOR, CARD IN/FREE EXIT, RIM PANIC w/ELECTRIC TRIM & REX SWITCH, FAIL SECURE

REV: 4 DATE: 05/05/2026 ©2023, SECURITY BY DESIGN, INC.

AC

Printed Friday, July 31, 2026, 10:15am by: se5ai
Xrefs: MCC_ADD_DRS_IB_ARCH_ETI_30x42; MCC_AI MCC_Logs; MCC_Logs



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BALANCE OF DOORS



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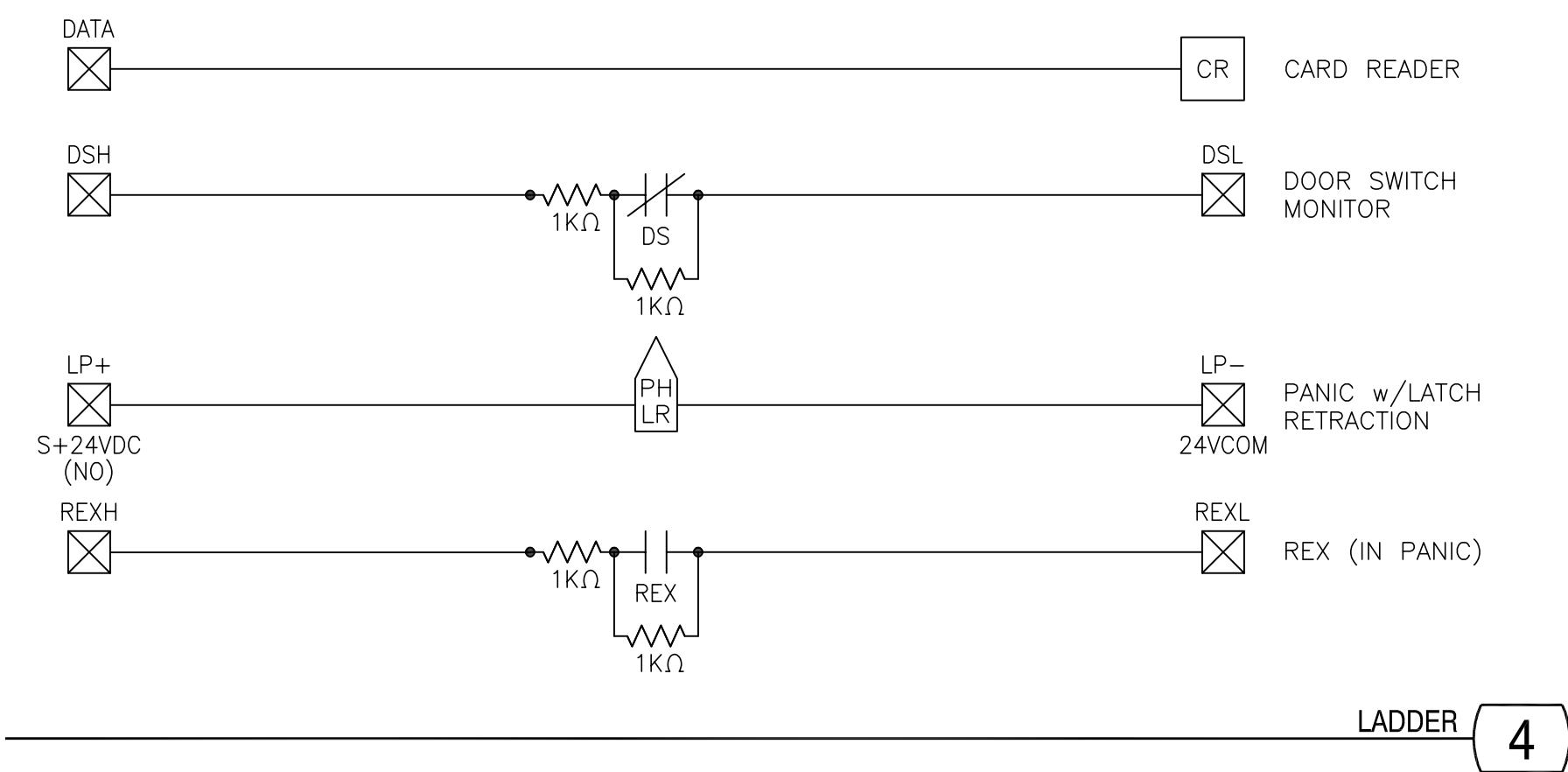
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Pacheco, CA 94553

tel: 925.609.1000

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REGISTRATION



DOOR HARDWARE				
#	QTY	DESCRIPTION	MODEL NUMBER	CODE NOTES
1	1	VON DUPRIN - RIM PANIC BAR w/LATCH RETRACTION & REX SWITCH, FAIL SECURE, 24VDC	RX-QEL-99-NL-OP x 24VDC	A 1,2,3,4
2	1	IVES - ELECTRIC HINGE, 8 WIRE IVES - ELECTRIC CONTINUOUS HINGE w/THROUGH-WIRE PANEL VON DUPRIN - ELECTRIC POWER TRANSFER, 10 WIRE	5BB1-TW8 027XY-TWP CON EPT-10	B 1,2,5
3	1	GRI - ALARM CONTACT	184-12	B 2
4	AR	ALLEGION - DOOR CLOSER	LCN 4040XP	B -

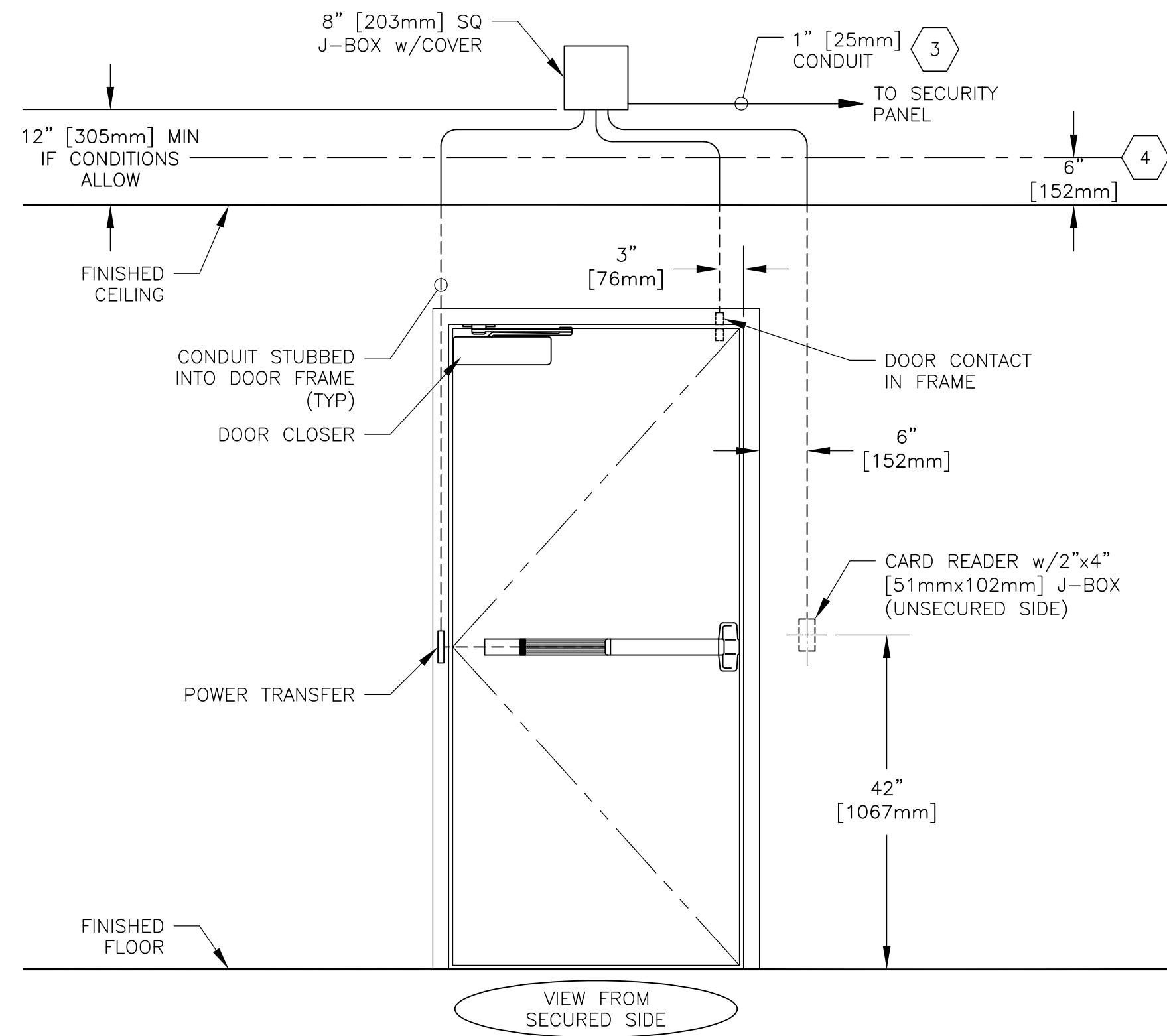
SECURITY EQUIPMENT				
#	QTY	DESCRIPTION	MODEL NUMBER	CODE NOTES
1	1	CARD READER - REFER TO SHEET SEQ.10, DETAIL 00.08.001	-	A -
2	AR	GRI - END OF LINE RESISTOR PACK	6644	B -
3	1	8" [203mm] SQ J-BOX w/COVER	-	C -

CODE INDEX				
A) NO SUBSTITUTE		B) OR APPROVED EQUAL		C) OR EQUAL

INPUT LOADING	CR	1	REX	1	IP	KPD	OUTPUT LOADING	LOCK	1	MON
	DSM	1	AUX		P/I	A/M		AUX		P/I

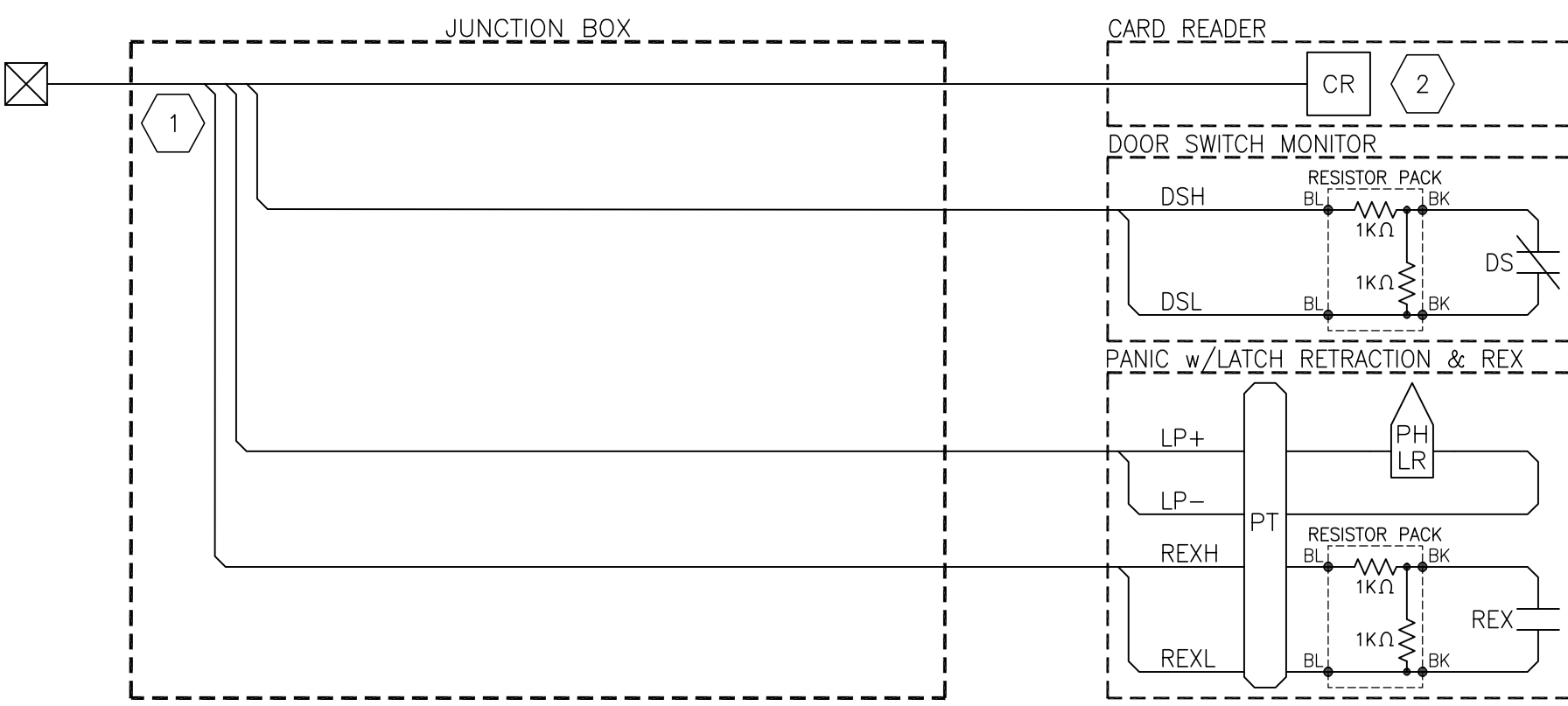
- EQUIPMENT LIST NOTES**
- IF USING OTHER HARDWARE MANUFACTURER, SUBMIT DOCUMENTATION TO SHOW FUNCTIONAL AND OPERATIONAL EQUIVALENCY.
 - FOR RATED ASSEMBLIES, NEW DOORS AND FRAMES MUST BE FACTORY PREPARED FOR ALL ELECTRICAL HARDWARE AND SECURITY DEVICES. EXISTING DOORS BEING RETROFITTED REQUIRE RECERTIFICATION AFTER MODIFICATIONS ARE COMPLETED.
 - ORDER PANIC HARDWARE WITHOUT DOGGING FEATURE.
 - PROVIDE THE VON DUPRIN RX-QEL-99-NL-OP-F x 24VDC FSE FIRE RATED HARDWARE FOR FIRE RATED DOOR.
 - CHOOSE ONLY 1 OF THE HARDWARE TYPES TO MATCH EXISTING DOOR PREP CONDITIONS AND HARDWARE. A DOOR CORD WILL ONLY BE CONSIDERED WHERE CONCEALED OPTIONS ARE NOT FEASIBLE, AND REQUIRES WRITTEN APPROVAL FROM OWNER FOR EACH PROPOSED LOCATION.

EQUIPMENT LIST 2



- ELEVATION NOTES**
- THIS DRAWING IS FOR DIAGRAMMATIC PURPOSES ONLY. FOR ACTUAL HANDING AND SWING, REFER TO PLANS.
 - DIMENSIONS SHOWN FOR COORDINATION ONLY. EXACT LOCATIONS AND MOUNTING HEIGHTS TO BE FIELD COORDINATED WITH OWNER AND ARCHITECT.
 - IF PLENUM INSTALLATION, CONDUIT IS NOT REQUIRED FOR THIS CABLE RUN.
 - IF PLENUM INSTALLATION, STUB CONDUIT, WITH PULL STRING, 6" [152mm] ABOVE FINISHED CEILING.
 - ALL CONDUIT IS 1/2" [13mm] UNLESS OTHERWISE NOTED.

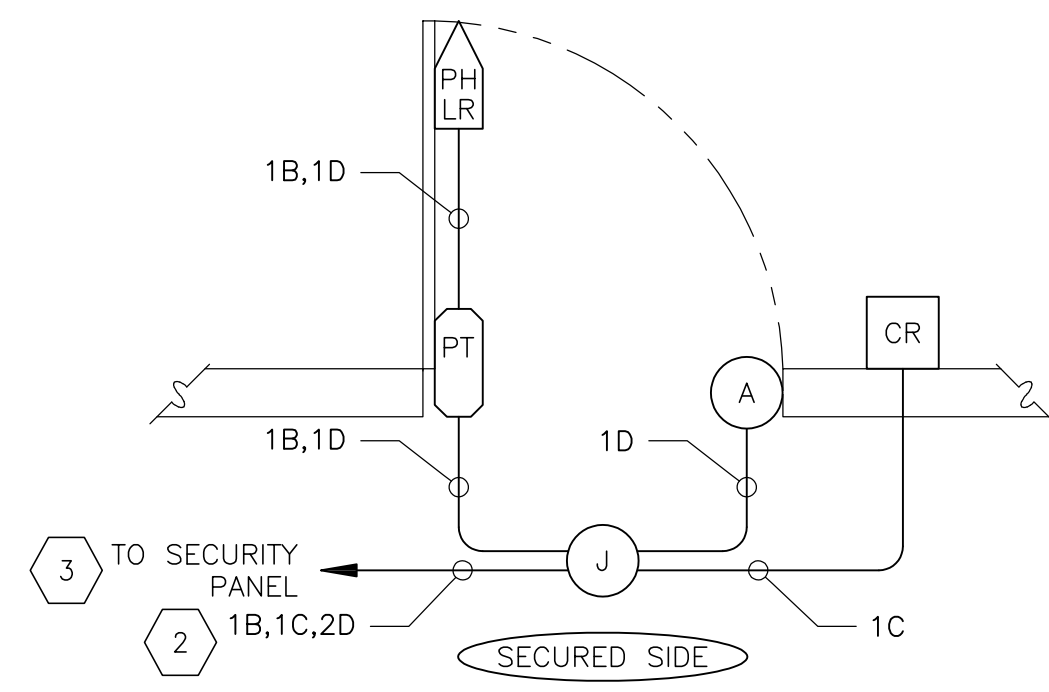
ELEVATION 5



- POINT-TO-POINT NOTES**
- TAG ALL CABLES WITH IDENTIFYING INFORMATION SPECIFIC TO POINT NUMBER PER PLAN AND SCHEDULE. REFER TO SHEET SEQ.02, DETAIL 00.05.501, FOR CABLE LABELING FORMAT.
 - REFER TO SHEET SEQ.10, DETAIL 00.08.001, FOR SPECIFIC CARD READER AND WIRING.

POINT-TO-POINT 3

SYMBOLS LIST	
(A)	ALARM CONTACT
(CR)	CARD READER
(PH LR)	ELECTRIC RIM PANIC w/LATCH RETRACTION & REX
(J)	JUNCTION BOX w/COVER
(PT)	POWER TRANSFER



- OPERATION**
- IN THE NORMAL STATE, THE DOOR IS CLOSED, LOCKED ON THE UNSECURED SIDE, AND UNLOCKED FROM THE SECURED SIDE. NORMAL OPERATION IS BY ACCESS CARD ON THE UNSECURED SIDE, AND BY PUSH BAR FROM THE SECURED SIDE. THE REQUEST-TO-EXIT MICROSWITCH, OPERATED BY THE SECURED SIDE PUSH BAR, WILL SHUNT THE ALARM BUT NOT UNLOCK THE LOCK. IF THE DOOR IS HELD OPEN LONGER THAN A PRE-DETERMINED AMOUNT OF TIME, AN ALARM WILL BE GENERATED. IF THE DOOR IS FORCED FROM THE UNSECURED SIDE, AN ALARM WILL BE GENERATED. IF THE CARD READER IS REMOVED, A TAMPER ALARM WILL BE GENERATED.
- FOR FIRE RATED DOOR, APPLY NOTE 3 BELOW. DURING A FIRE ALARM THE QEL DEVICE IS LATCHED AND ELECTRICALLY DISABLED. FREE MECHANICAL EGRESS IS ALWAYS AVAILABLE.

- DIAGRAM NOTES**
- THIS DRAWING IS FOR DIAGRAMMATIC PURPOSES ONLY. FOR ACTUAL HANDING AND SWING, REFER TO PLANS.
 - IF CABLE LENGTH TO A SINGLE VON DUPRIN QEL DEVICE IS GREATER THAN 201' [61m], USE THE FOLLOWING GAUGE CABLES INSTEAD OF THE STANDARD 18 AWG "B" TYPE CABLE:
201' [61m] TO 320' [97m], USE 1 PAIR OF 16 AWG
321' [98m] TO 500' [152m], USE 1 PAIR OF 14 AWG
501' [153m] TO 800' [244m], USE 1 PAIR OF 12 AWG
 - FOR FIRE RATED DOOR, THE BUILDING FIRE ALARM WILL REMOVE POWER TO THE LOCK. USE FIRE ALARM RELAY CONTROLLED POWER OUTPUT.

DIAGRAM 1

SINGLE DOOR, CARD IN/FREE EXIT, RIM PANIC w/QUIET LATCH RETRACTION & REX SWITCH, FAIL SECURE
REV: 2 DATE: 05/05/2026 ©2023, SECURITY BY DESIGN, INC.

AI

SCALE: NTS

ORIGINAL DRAWING 30"x42"

0	08/03/2026	100% CD
ISSUE	DATE	DESCRIPTION

KEY PLAN

PROJECT NUMBER: MCC250807
ENGINEER: DMM
DRAFTER: SND
CHECKED BY: JAM
SCALE: NTS
FILE NAME: SE5-AI_MCC_ADD_DRS

SHEET TITLE

DOOR DETAIL
AI

SHEET NUMBER

SE5.AI

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BALANCE OF DOORS



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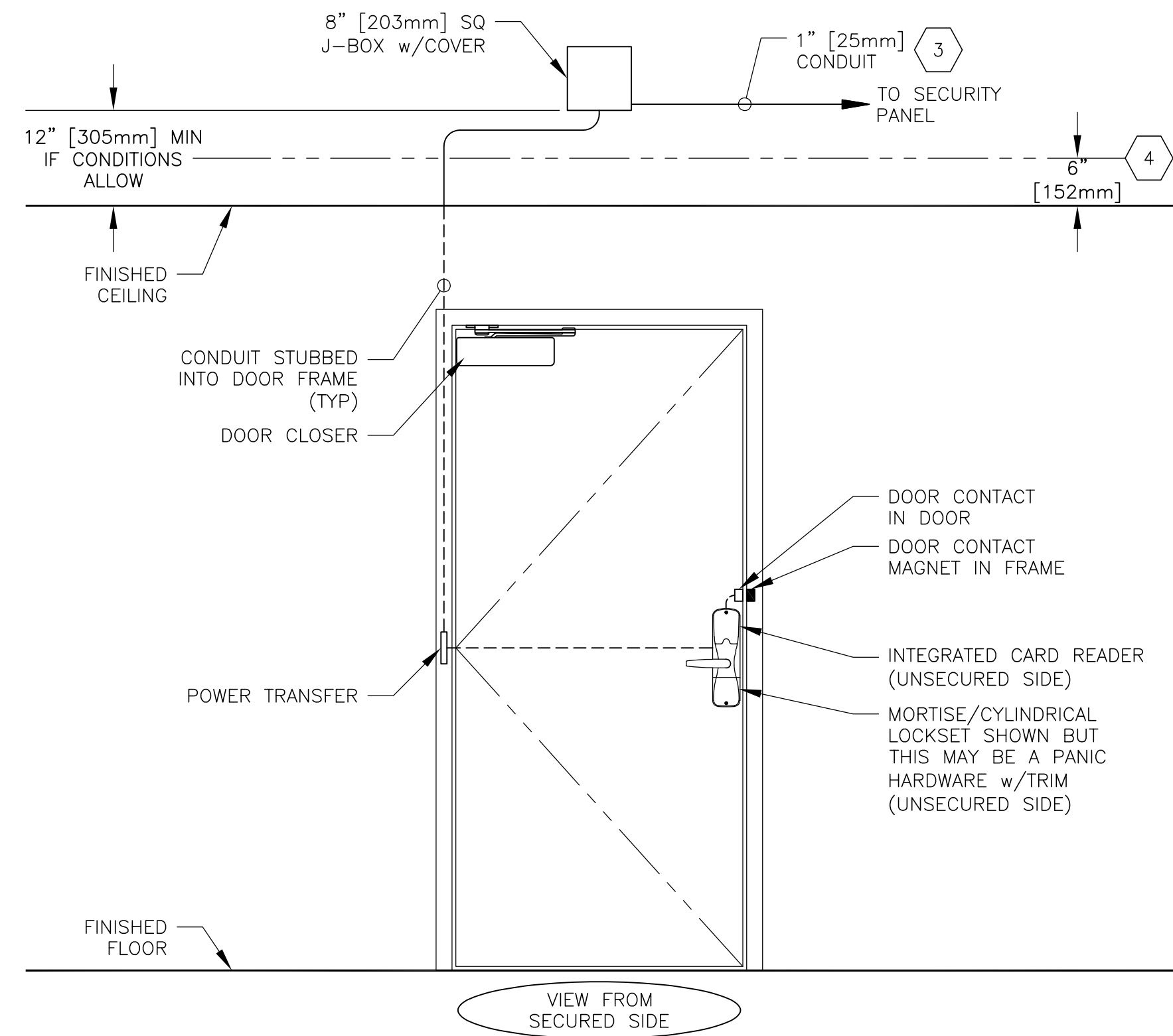
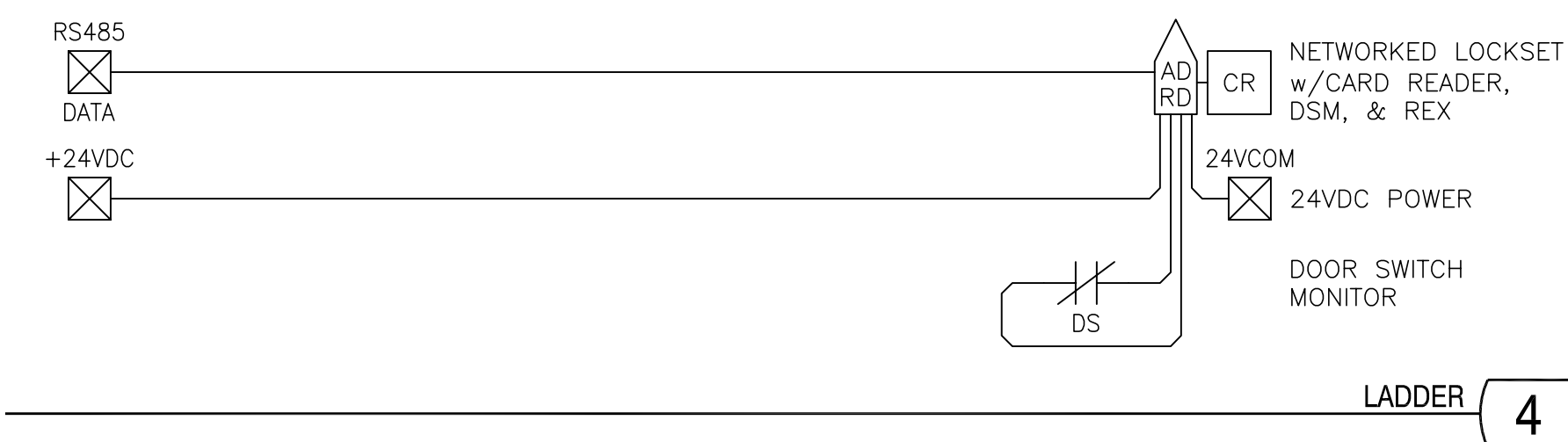
REGISTRATION

DOOR HARDWARE					
#	QTY	DESCRIPTION	MODEL NUMBER	CODE	NOTES
	1	ALLEGION – NETWORKED MORTISE LOCKSET w/CARD READER, DSM, & REX SWITCH, FAIL SECURE, AD MORTISE STRIKE	AD-300-MS-70-MT w/STRIKE: 10-072	A	1,2,3
		ALLEGION – NETWORKED CYLINDRICAL LOCKSET w/CARD READER, & REX SWITCH, FAIL SECURE, AD CYLINDRICAL STRIKE	AD-300-CY-70-MT w/STRIKE: 10-025		
		ALLEGION – NETWORKED ELECTRIC TRIM FOR PANIC HARDWARE w/CARD READER & RX-LC SWITCH, FAIL SECURE	AD-300-993R-70-MT		
	2	IVES – ELECTRIC HHS – 8 WIRE IVES – ELECTRIC CONTINUOUS HUNG w/THROUGH-WIRE PANEL VON DUPRIN – ELECTRIC POWER TRANSFER, 10 WIRE	55B1-8 027X-TWP CON- EPT-10	B	1,2,3
	3	AR ALLEGION – DOOR CLOSER	LCN 4040XP	B	–

SECURITY EQUIPMENT					
#	QTY	DESCRIPTION	MODEL NUMBER	CODE	NOTES
1	1	8" [203mm] SQ J-BOX w/COVER	-	C	-

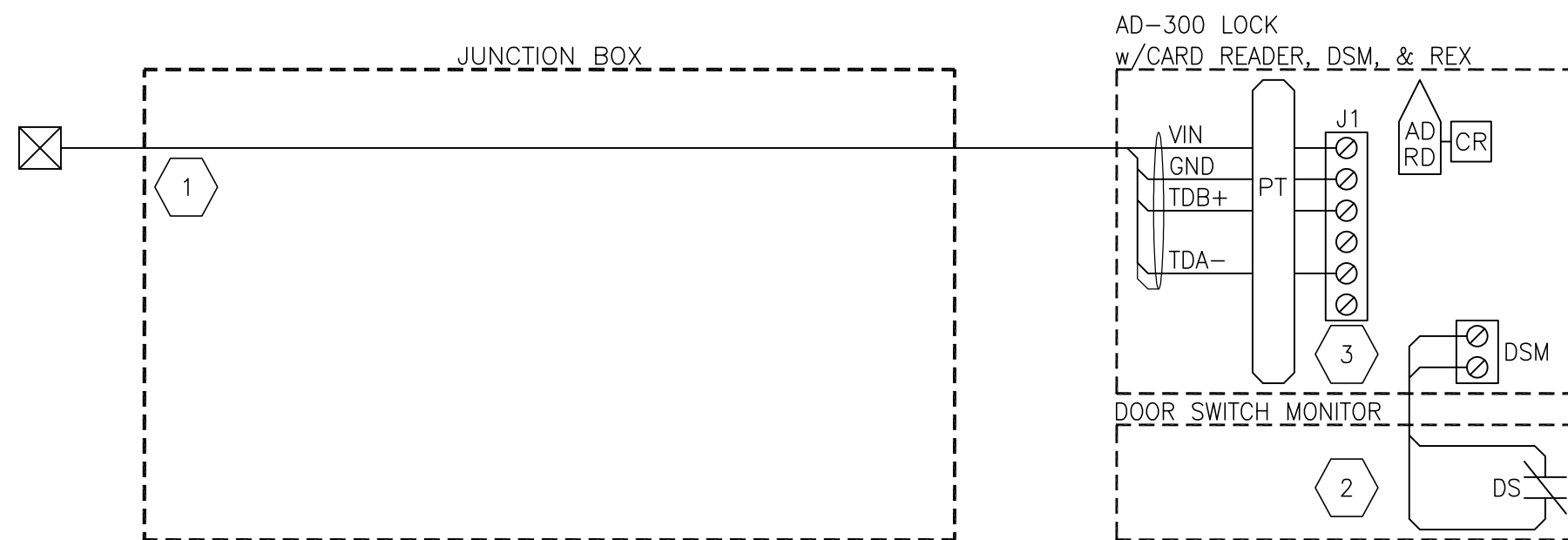
CODE INDEX		
A) NO SUBSTITUTE	B) OR APPROVED EQUAL	C) OR EQUAL

EQUIPMENT LIST NOTES	
1.	IF USING OTHER HARDWARE MANUFACTURER, SUBMIT DOCUMENTATION TO SHOW FUNCTIONAL AND OPERATIONAL EQUIVALENCY.
2.	FOR RATED ASSEMBLIES, NEW DOORS AND FRAMES MUST BE FACTORY PREPARED FOR ALL ELECTRICAL HARDWARE AND SECURITY DEVICES. EXISTING DOORS BEING RETROFITTED REQUIRE RECERTIFICATION AFTER MODIFICATIONS ARE COMPLETED.
3.	CHOOSE ONLY 1 OF THE HARDWARE TYPES TO MATCH EXISTING DOOR PREP CONDITIONS AND HARDWARE. A DOOR COOR WILL ONLY BE CONSIDERED WHERE CONCEALED OPTIONS ARE NOT FEASIBLE, AND REQUIRES WRITTEN APPROVAL FROM OWNER FOR EACH PROPOSED LOCATION.

EQUIPMENT LIST 2

1. THIS DRAWING IS FOR DIAGRAMMATIC PURPOSES ONLY. FOR ACTUAL HANDING AND SWING, REFER TO PLANS
2. DIMENSIONS SHOWN FOR COORDINATION ONLY. EXACT LOCATIONS AND MOUNTING HEIGHTS TO BE FIELD COORDINATED WITH OWNER AND ARCHITECT.
3. IF PLENUM INSTALLATION, CONDUIT IS NOT REQUIRED FOR THIS CABLE RUN.
4. IF PLENUM INSTALLATION, STUB CONDUIT, WITH PULL STRING, 6" [152mm] ABOVE FINISHED CEILING.
5. ALL CONDUIT IS 1/2" [13mm] UNLESS OTHERWISE NOTED.

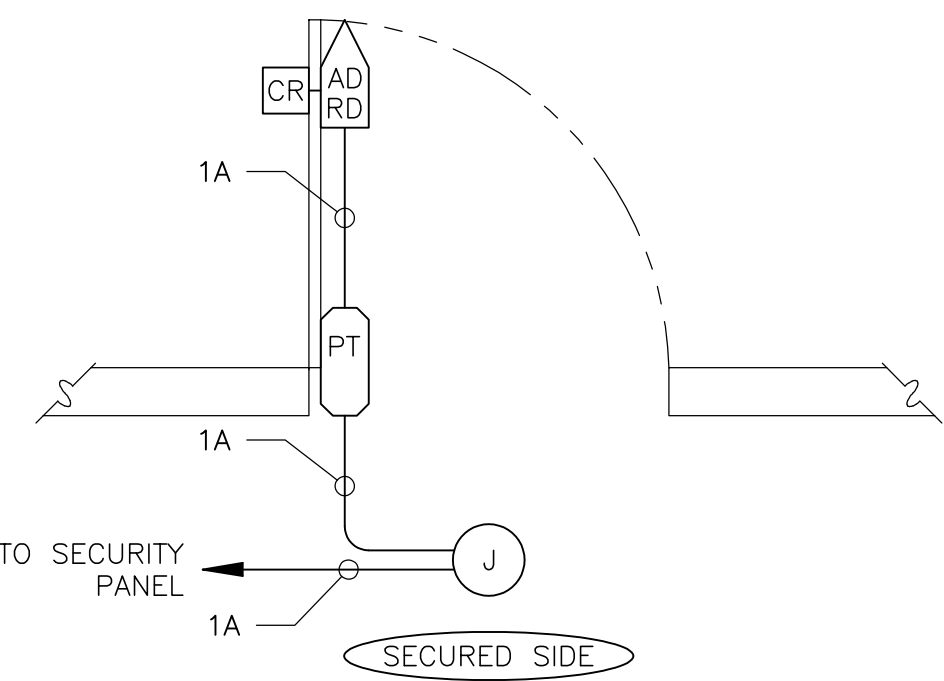
ELEVATION 5



- | | |
|---|--|
| 1 | TAG ALL CABLES WITH IDENTIFYING INFORMATION SPECIFIC TO POINT NUMBER PER PLAN AND SCHEDULE. REFER TO SHEET SE0.02, DETAIL 00.05.501, FOR CABLE LABELING FORMAT. |
| 2 | DOOR CONTACT AND MAGNET ARE INCLUDED WITH AD-300 KIT, BUT DSM TERMINALS ON CIRCUIT BOARD ALLOW 3RD PARTY CONTACTS TO BE USED IF SPECIFIC SITUATION REQUIRES AN ALTERNATE SOLUTION. |
| 3 | INSTALL SHORTING BLOCKS ON RS485 MODULE. |

POINT-TO-POINT 3

SYMBOLS LIST	
	ELECTRIC LOCK w/CARD READER, REX & DSM INPUT, RS485
	JUNCTION BOX w/COVER
	POWER TRANSFER DEVICE



OPERATION

IN THE NORMAL STATE, THE DOOR IS CLOSED, LOCKED ON THE UNSECURED SIDE, AND UNLOCKED FROM THE SECURED SIDE. NORMAL OPERATION IS BY ACCESS CARD ON THE UNSECURED SIDE AND BY LEVER OR PANIC BAR FROM THE SECURED SIDE. THE REQUEST-TO-EXIT MICROSWITCH, OPERATED BY THE SECURED SIDE HANDLE OR PANIC BAR, WILL SHUNT THE ALARM BUT WILL NOT UNLOCK THE LOCK. IF THE CARD READER MODULE IS REMOVED, A TAMPER ALARM WILL BE GENERATED.

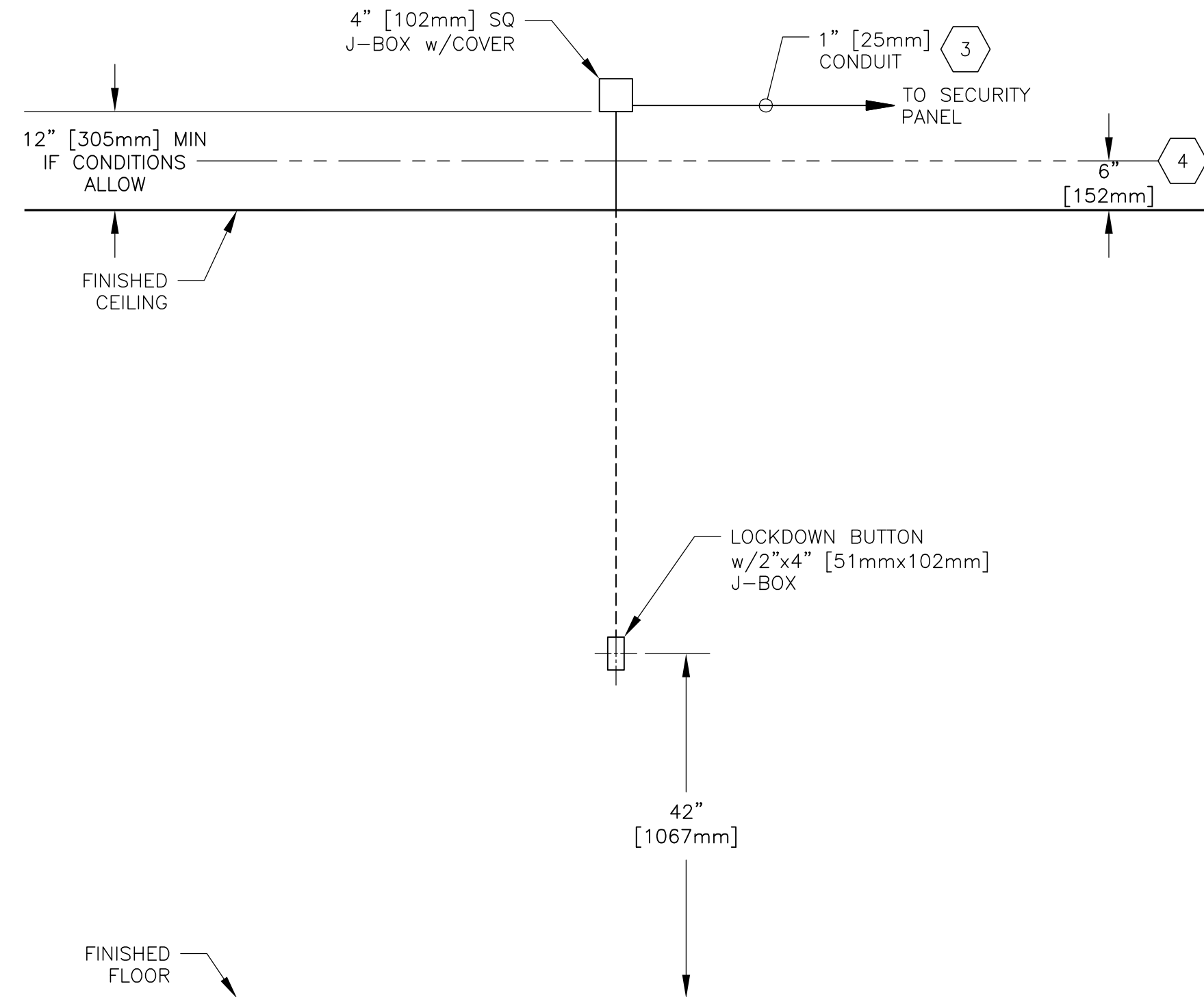
DIAGRAM NOTES

1. THIS DRAWING IS FOR DIAGRAMMATIC PURPOSES ONLY. FOR ACTUAL HANDING AND SWING, REFER TO PLANS

DIAGRAM 1

AX

Printed Friday, July 31, 2026, 10:15am by: seba
Xrefs: MCC_ADD_DRS_TB_ARCH_ETI_30x42; MCC_ADD_MCC_LBpg; MCC_LBpg



ELEVATION NOTES	
1.	THIS DRAWING IS FOR DIAGRAMMATIC PURPOSES ONLY.
2.	DIMENSIONS SHOWN FOR COORDINATION ONLY. EXACT LOCATIONS AND MOUNTING HEIGHTS TO BE FIELD COORDINATED WITH OWNER AND ARCHITECT.
3	IF PLENUM INSTALLATION, CONDUIT IS NOT REQUIRED FOR THIS CABLE RUN.
4	IF PLENUM INSTALLATION, STUB CONDUIT, WITH PULL STRING, 6" [152mm] ABOVE FINISHED CEILING.
5.	ALL CONDUIT IS 1/2" [13mm] UNLESS OTHERWISE NOTED.
6.	LOCK BUTTONS ARE REQUIRED TO HAVE TAMPER RESISTANT SCREWS.

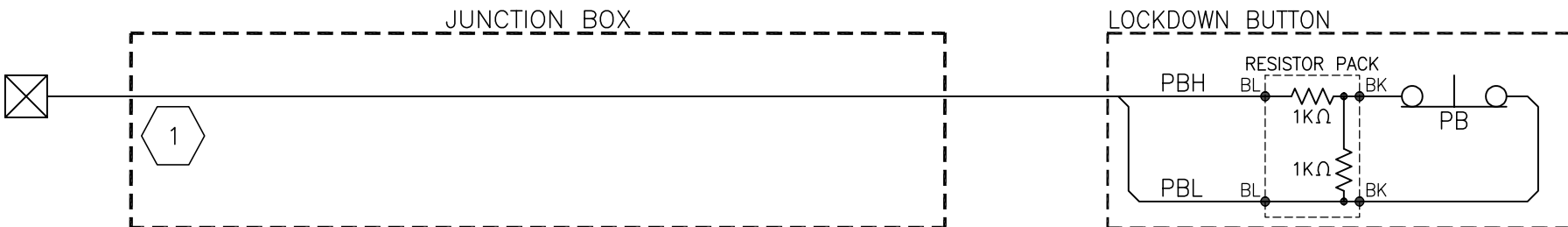
ELEVATION 5

SECURITY EQUIPMENT					
#	QTY	DESCRIPTION	MODEL NUMBER	CODE	NOTES
1	1	STI - SINGLE GANG MOMENTARY SWITCH, BLUE FACEPLATE w/RED BUTTON & COVER, "LOCKDOWN"	SS2424LD-EN	B	-
2	AR	GRI - END OF LINE RESISTOR PACK	6644	B	-
3	1	SINGLE GANG BACK BOX	-	C	-

CODE INDEX								
A) NO SUBSTITUTE			B) OR APPROVED EQUAL			C) OR EQUAL		

INPUT	CR	REX	IP	KPD	OUTPUT	LOCK	MON
LOADING	DSM	AUX	1	P/I	A/M	AUX	P/I

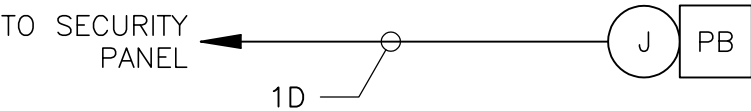
EQUIPMENT LIST 2



POINT-TO-POINT NOTES	
1	TAG ALL CABLES WITH IDENTIFYING INFORMATION SPECIFIC TO POINT NUMBER PER PLAN AND SCHEDULE. REFER TO SHEET SE0.02, DETAIL 00.05.501, FOR CABLE LABELING FORMAT.

POINT-TO-POINT 3

SYMBOLS LIST	
J	JUNCTION BOX
PB	LOCKDOWN BUTTON



OPERATION	
BY PRESSING THE BUTTON, AN AUTOMATIC BUILDING-WIDE LOCKDOWN OF ACS DOORS WILL BE TRIGGERED. REQUIRES REMOTE RESET FUNCTION.	

DIAGRAM NOTES	
1.	THIS DRAWING IS FOR DIAGRAMMATIC PURPOSES ONLY.

DIAGRAM 1

SCALE: NTS

ORIGINAL DRAWING 30"x42"

BUILDING LOCKDOWN BUTTON
REV: 5 DATE: 05/04/2026 ©2025, SECURITY BY DESIGN, INC.

MM



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BALANCE OF DOORS



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Pacheco, CA 94553

tel: 925.609.1000

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REGISTRATION

0 08/03/2026 100% CD
ISSUE | DATE | DESCRIPTION

KEY PLAN

PROJECT NUMBER: MCC250807
ENGINEER: DMM
DRAFTER: SND
CHECKED BY: JAM
SCALE: NTS
FILE NAME: SE5-MM_MCC_ADD_DRS

SHEET TITLE

ALARM DETAIL
MM

SHEET NUMBER

SE5.MM

Printed Friday, July 31, 2026, 10:12am by 19098
Xrefs: MCC_ADD_DRS_IB_ARCH_ETI_30W42; MCC_01-10-001; Lockdown MCC_1090



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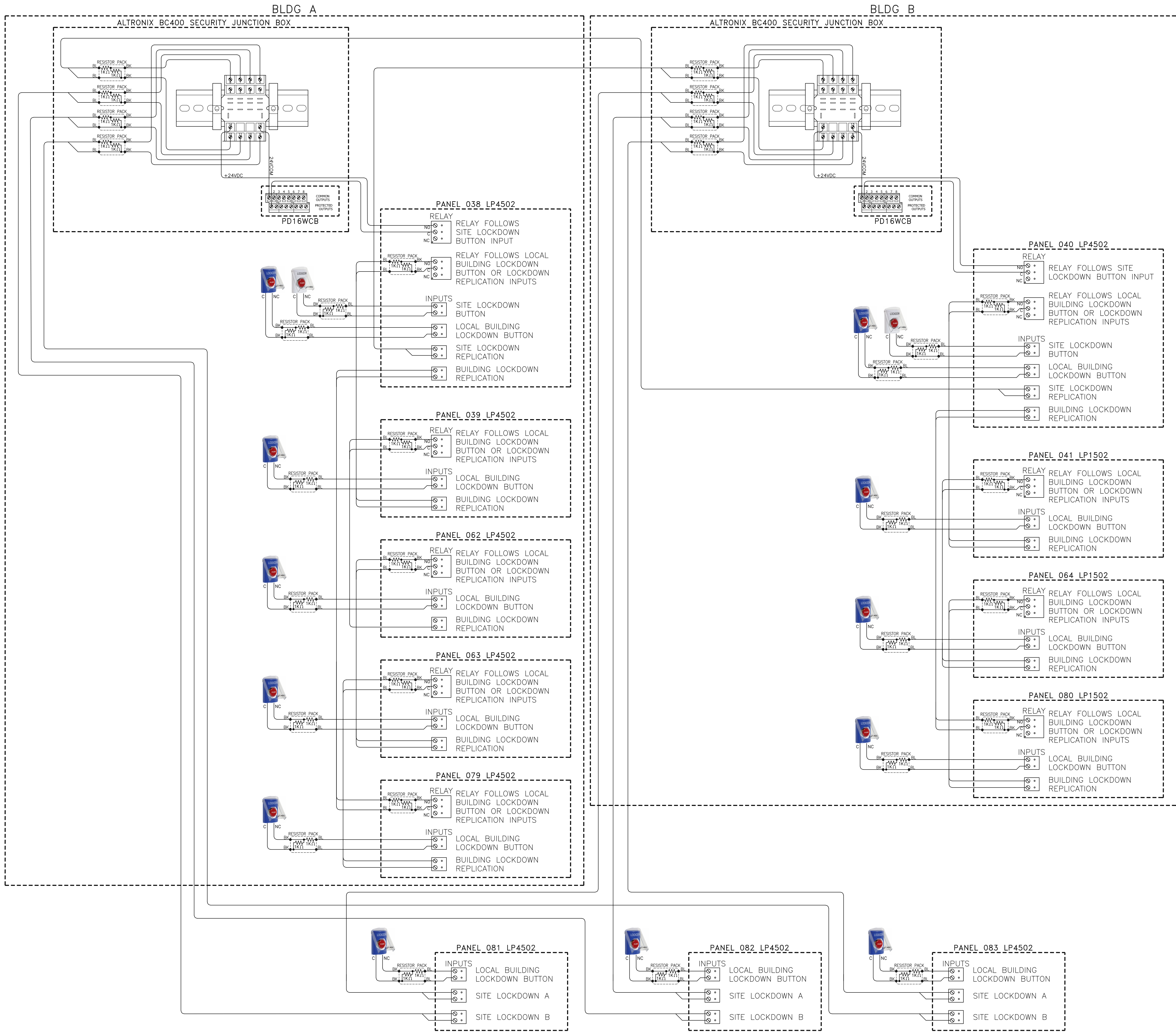
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REGISTRATION



SECURITY EQUIPMENT					
#	QTY	DESCRIPTION	MODEL NUMBER	CODE	NOTES
1	2	ALTRONIX - 12"x15.5"x4.5" ENCLOSURE	BC400	B	--
2	2	ALTRONIX - POWER DISTRIBUTION MODULE	PD16WCB	B	--
3	2	IDEC - 4PDT RELAY w/INDICATOR LIGHT, DIODE, 24VDC	RH4B-ULD-DC24V	B	--
4	2	IDEC - DIN RAIL RELAY SOCKET, 4PDT	SH4B-05	B	--
5	2	IDEC - PULL OVER WIRE SPRING, 4PDT	SH4B-02F1	B	--
6	AR	RESISTOR PACK	8644	B	--
7	AR	PHOENIX - DIN RAIL, PERFORATED, 78.74" [2000mm]	NS 35/7.5-PERF 2000	B	--
8	AR	PHOENIX - END CLAMP	E/NS 35 N	B	--
CODE INDEX					
A) NO SUBSTITUTE		B) OR APPROVED EQUAL		C) OR EQUAL	

EQUIPMENT LIST

2

BLOCK DIAGRAM NOTES

- ALL CABLES TO BE "D" CABLE, SEE CABLE LEGEND.
- BUILDING LOCKDOWN BUTTONS SHOWN AS A GENERAL CONCEPT, THE NUMBER OF THESE BUTTONS ON EACH PANEL MAY VARY. REFER TO PLANS AND LOADING SCHEDULE FOR SPECIFIC COUNTS ON EACH PANEL.
- BC400 ENCLOSURES TO BE MOUNTED AS CLOSE TO EXISTING PANELS 038 AND 040 AS POSSIBLE. EXACT LOCATIONS TO BE FIELD COORDINATED AND APPROVED BY OWNER PRIOR TO INSTALLATION.
- INSTALL PD16WCB MODULES IN BC400 ENCLOSURES, USE POWER FROM EXISTING POWER SUPPLIES IN ACS PANELS.

BLOCK DIAGRAM

1

LOS BANOS CAMPUS, LOCKDOWN BUTTON REPLICATION, SITE BLOCK DIAGRAM

01.10.001

SCALE: NTS

ORIGINAL DRAWING 30"x42"

PROJECT NUMBER: MCC250807
ENGINEER: DM
DRAFTER: CMS
CHECKED BY: JAM
SCALE: NTS
FILE NAME: SE6-01_MCC_ADD_DRS

SHEET TITLE

LB LOCKDOWN
BUTTON
REPLICATION
BLOCK DIAGRAM

SHEET NUMBER

SE6.01

Printed Friday, July 31, 2026, 10:18am by: se604
Xrefs: MCC_ADD_DRS_IB_ARCH_ETI_30x42; MCC_01-10-002_BRC_Lockdown_MCC_Logs;



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REGISTRATION

0	08/03/2026	100% CD
ISSUE	DATE	DESCRIPTION

KEY PLAN

PROJECT NUMBER:	MCC250807
ENGINEER:	DMM
DRAFTER:	CMS
CHECKED BY:	JAM
SCALE:	NTS
FILE NAME:	SE6-02_MCC_ADD_DRS

SHEET TITLE

BRC LOCKDOWN
BUTTON
REPLICATION
BLOCK DIAGRAM

SHEET NUMBER

SE6.02

SECURITY EQUIPMENT				
#	QTY	DESCRIPTION	MODEL NUMBER	CODE NOTES
1	AR	RESISTOR PACK	6644	B -

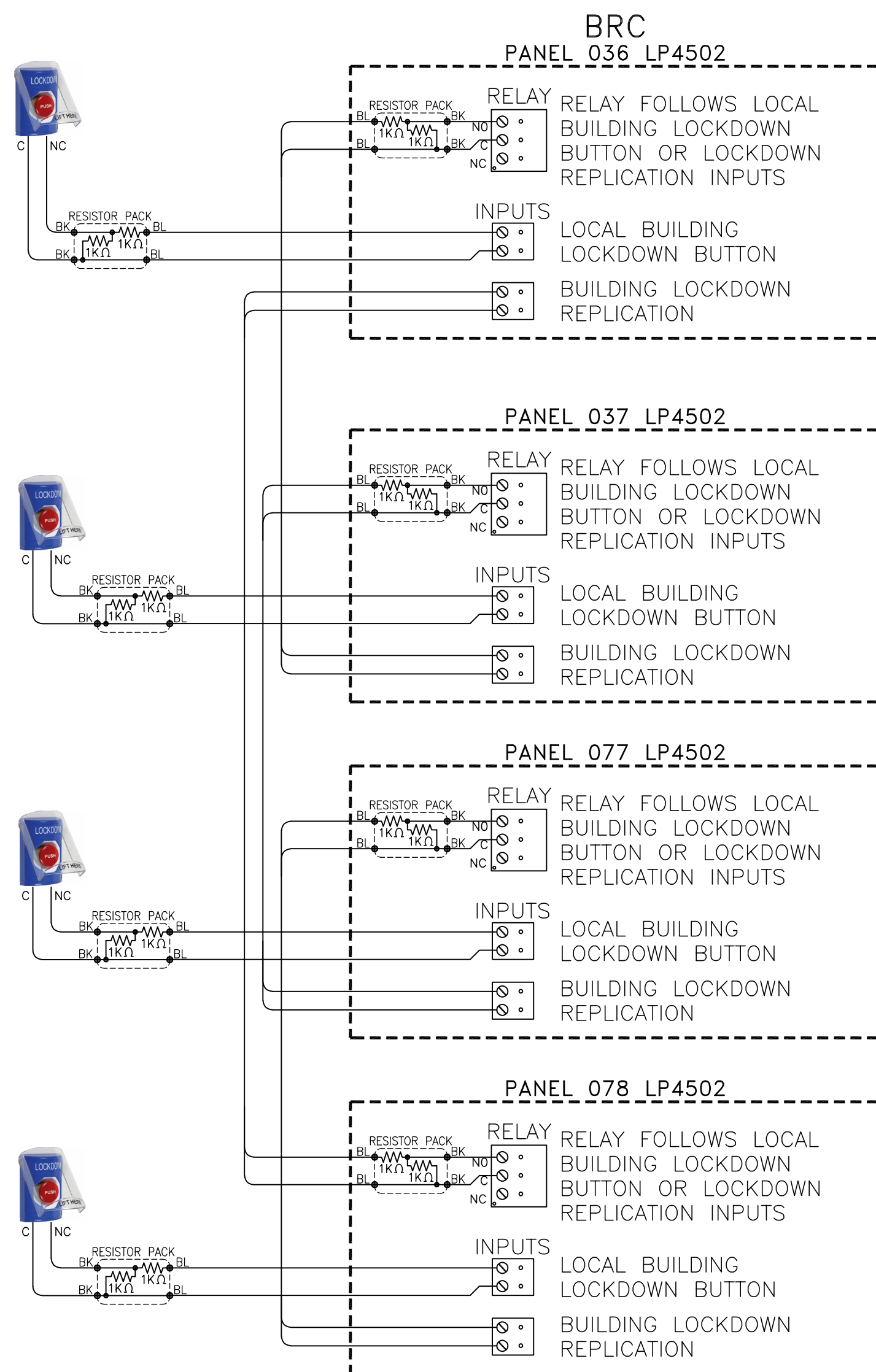
CODE INDEX		
A) NO SUBSTITUTE	B) OR APPROVED EQUAL	C) OR EQUAL

EQUIPMENT LIST

2

SCALE: NTS

ORIGINAL DRAWING 30"x42"



BLOCK DIAGRAM NOTES

1. ALL CABLES TO BE "D" CABLE, SEE CABLE LEGEND.
2. BUILDING LOCKDOWN BUTTONS SHOWN AS A GENERAL CONCEPT, THE NUMBER OF THESE BUTTONS ON EACH PANEL MAY VARY. REFER TO PLANS AND LOADING SCHEDULE FOR SPECIFIC COUNTS ON EACH PANEL.

BLOCK DIAGRAM

1

BUSINESS RESOURCE CENTER, LOCKDOWN BUTTON REPLICATION, SITE BLOCK DIAGRAM

01.10.002