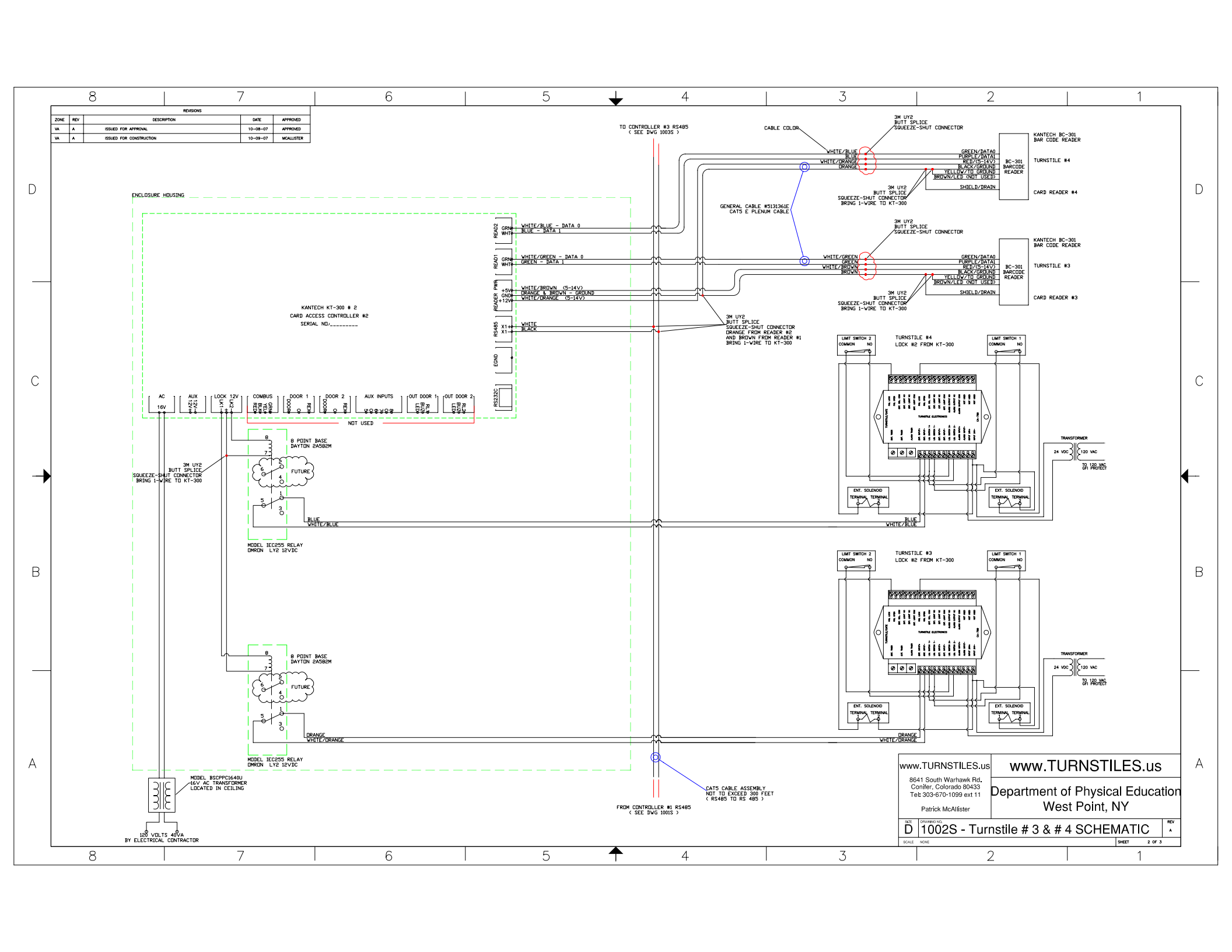
REVISIONS
ZONE | REV | DESCRIPTION | DATE | APPROVED
VA | A | ISSUED FOR APPROVAL | 10-08-07 | APPROVED
VA | A | ISSUED FOR CONSTRUCTION | 10-09-07 | MCALLISTER
TO CONTROLLER #3 RS485
(SEE DWG 1003S)
CABLE COLOR
3M UY2
BUTT SPLICE
SQUEEZE-SHUT CONNECTOR
WHITE/BLUE
BLUE
WHITE/ORANGE
ORANGE
GREEN/DATA0
PURPLE/DATA1
RED/+5-14V
BLACK/GROUND
YELLOW/TD GROUND
BROWN/LED (NOT USED)
SHIELD/DRAIN
BC-301
BARCODE
READER
KANTECH BC-301
BAR CODE READER
TURNSTILE #4
CARD READER #4
3M UY2
BUTT SPLICE
SQUEEZE-SHUT CONNECTOR
BRING 1-WIRE TO KT-300
GENERAL CABLE #5131361E
CAT5 E PLENUM CABLE
WHITE/GREEN
GREEN
WHITE/BROWN
BROWN
TURNSTILE #3
CARD READER #3
ENCLOSURE HOUSING
KANTECH KT-300 # 2
CARD ACCESS CONTROLLER #2
SERIAL NO:_____
READ2
READ1
READER PWR
RS485
EGND
RS232C
WHITE/BLUE - DATA 0
BLUE - DATA 1
WHITE/GREEN - DATA 0
GREEN - DATA 1
WHITE/BROWN (5-14V)
ORANGE & BROWN - GROUND
WHITE/ORANGE (5-14V)
+5V
GND
+12V
X1+
X1-
WHITE
BLACK
3M UY2
BUTT SPLICE
SQUEEZE-SHUT CONNECTOR
ORANGE FROM READER #2
AND BROWN FROM READER #1
BRING 1-WIRE TO KT-300
AC
16V
AUX
12V
LOCK 12V
COMBUS
DOOR 1
DOOR 2
AUX INPUTS
OUT DOOR 1
OUT DOOR 2
NOT USED
LIMIT SWITCH 2
COMMON
NO
TURNSTILE #4
LOCK #2 FROM KT-300
LIMIT SWITCH 1
TURNSTILE ELECTRONICS
TRANSFORMER
24 VDC
120 VAC
TO 120 VAC GFI PROTECT
ENT. SOLENOID
TERMINAL
EXT. SOLENOID
8 POINT BASE
DAYTON 2A582M
FUTURE
MODEL IEC255 RELAY
OMRON LY2 12VDC
BLUE
WHITE/BLUE
TURNSTILE #3
LOCK #2 FROM KT-300
ORANGE
WHITE/ORANGE
MODEL BSCPPC1640U
16V AC TRANSFORMER
LOCATED IN CEILING
120 VOLTS 40VA
BY ELECTRICAL CONTRACTOR
CAT5 CABLE ASSEMBLY
NOT TO EXCEED 300 FEET
(RS485 TO RS 485)
FROM CONTROLLER #1 RS485
(SEE DWG 1001S)
www.TURNSTILES.us
8641 South Warhawk Rd.
Conifer, Colorado 80433
Tel: 303-670-1099 ext 11
Patrick McAllister
www.TURNSTILES.us
Department of Physical Education
West Point, NY
SIZE D
DRAWING NO. 1002S - Turnstile # 3 & # 4 SCHEMATIC
REV A
SCALE NONE
SHEET 2 OF 3