

ANTHONY CASSATA ARCHITECT

3883 BUCKFIELD SUITE 140 K ROCKY HILL, CT 06052 (312) 798-6245 FAX (312) 798-6123

dd's DISCOUNTS

OWNER:

ROSS STORES 5130 HACIENDA DRIVE DUBLIN, CA 94568

PROJECT:

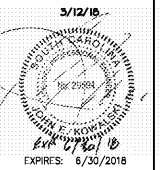
dd's DISCOUNTS STORE #5352 (GREENVILLE, SC)

WHITE HORSE PLAZA 6119 WHITE HORSE ROAD GREENVILLE, SC 29611

BASED ON DD'S 22K TURNKEY - EXISTING PROTOTYPE DATED MARCH, 2018

DRAWING TITLE: DELAYED EGRESS DETAILS

REV. NO.: DATE: DESCRIPTION: 02/02/18 FOR ROSS REVIEW 03/02/18 ROSS MARK-UPS



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PFDA JOB: #16027

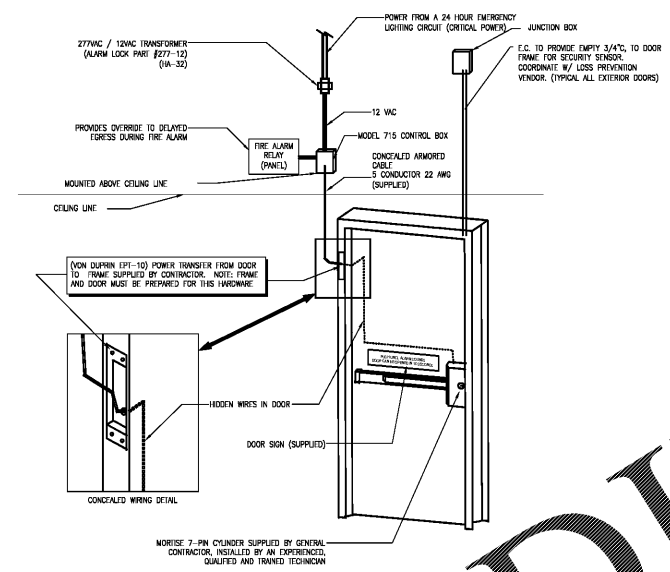
SCALE AS NOTED

DRAWN BY: CHECKED BY:

SHEET NUMBER

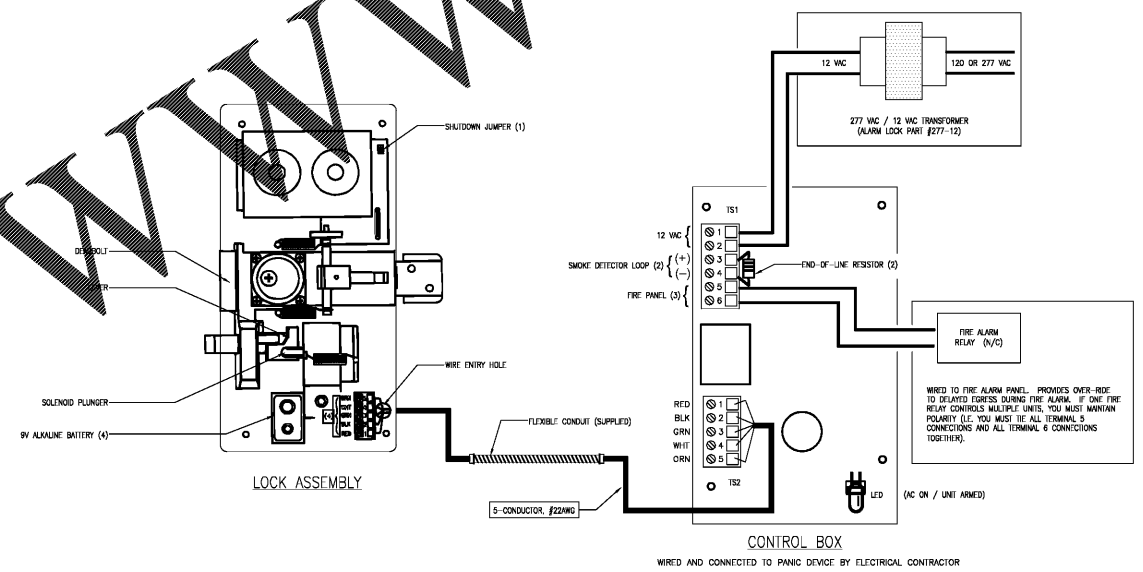
DE1.0

- PER 2012 INTERNATIONAL BUILDING CODE
SECTION 1008.1.6.7 DELAYED EGRESS LOCKS
1. THE DOORS SHALL UNLOCK UPON ACTIVATION OF THE AUTOMATIC SPRINKLER SYSTEM OR AUTOMATIC FIRE DETECTION SYSTEM.
 2. THE DOORS SHALL UNLOCK UPON LOSS OF POWER CONTROLLING THE LOCK OR LOCK MECHANISM.
 3. THE DOORS SHALL HAVE THE CAPABILITY OF BEING UNLOCKED BY A SIGNAL FROM THE FIRE COMMAND CENTER.
 4. THE INITIATION OF AN IRREVERSIBLE PROCESS WHICH WILL RELEASE THE LATCH IN NOT MORE THAN 15 SECONDS WHEN A FORCE OF NOT MORE THAN 15 POUNDS IS APPLIED FOR 1 SECOND TO THE RELEASE DEVICE. INITIATION OF AN IRREVERSIBLE PROCESS SHALL ACTIVATE AN AUDIBLE SIGNAL IN THE VICINITY OF THE DOOR. ONCE THE DOOR LOCK HAS BEEN RELEASED BY THE APPLICATION OF FORCE TO THE RELEASING DEVICE, RELOCKING SHALL BE BY MANUAL MEANS ONLY.
 5. A SIGN SHALL BE PROVIDED ON THE DOOR LOCATED ABOVE AND WITHIN 12 INCHES OF THE RELEASE DEVICE. READING: "THIS LIGHT ALARM SOUNDS. DOOR CAN BE OPENED IN 15 SECONDS."
 6. EMERGENCY LIGHTING SHALL BE PROVIDED AT THE DOOR.



- NOTES:
1. THE ALARM LOCK DELAY EGRESS DEVICE IS THE HIGHEST QUALITY, MOST DURABLE AND MOST RELIABLE DELAYED EGRESS DEVICE AVAILABLE TO THE COMMERCIAL MARKET TODAY. IT IS HOWEVER A DEVICE THAT MUST BE KNOWLEDGABLY INFORMED BY THE ARCHITECT AND ENGINEER-OF-RECORD WITHIN THE DESIGN OF THE BUILDING FIRE ALARM AND ELECTRICAL SYSTEMS AS WELL AS THE DOOR AND HARDWARE SYSTEMS. ADDITIONAL INFORMATION ABOUT THE DEVICE AND ITS INSTALLATION MAY BE OBTAINED FROM THE CONTACT LISTED ON PROTOTYPE SHEET A.D.L.
 2. THE DELAYED EGRESS SYSTEM AND ASSEMBLY ARE TO BE THOROUGHLY AND CORRECTLY PRESENTED IN THE PROJECT CONSTRUCTION DOCUMENTS BY THE ARCHITECT AND ENGINEER-OF-RECORD.
 3. THE DELAYED EGRESS FUNCTION OF THE DEVICE WILL NOT FUNCTION PROPERLY UNLESS THE DEVICE IS CORRECTLY CONNECTED TO A FIRE ALARM / SMOKE DETECTION SYSTEM. BOTH THE ALARM AND SMOKE DETECTION ARE REQUIRED BY THIS PROTOTYPE.
 4. WHETHER OR NOT THE FIRE ALARM SYSTEM DESIGN IS UNDER THE SUPERVISION OF THE A/E/C, THE A/E/C IS RESPONSIBLE TO ENSURE THAT THE DELAYED EGRESS SYSTEM AND ASSEMBLY ARE COORDINATED WITH AND CORRECTLY SHOWN AND IDENTIFIED IN THE ALARM AND SMOKE DETECTION DOCUMENTS.
 5. DETAIL 1 PROVIDES A TYPICAL INSTALLATION OF THE DEVICE AT A TYPICAL DOOR.
 6. DETAIL 2 SHOWS A TYPICAL WIRING SCHEMATIC OF THE DEVICE.
 7. THESE DETAILS AND THIS SHEET ARE PROVIDED AS A REFERENCE TO DD'S G.C. AND ENGINEER-OF-RECORD. IT IS NOT TO BE CONSIDERED THAT DD'S G.C. AND ENGINEER-OF-RECORD REPRESENT A COMPLETE AND ACCURATE REPRESENTATION OF THE INSTALLATION APPROPRIATE TO THE ACTUAL CONDITIONS OF THE SITE AND PROJECT.
 8. THE DEVICE, IN PARTICULAR THE RELEASE MECHANISM, CAN BE DAMAGED OR DESTROYED IF INSTALLATION IS ATTEMPTED BY A NON-EXPERIENCED, QUALIFIED AND TRAINED TECHNICIAN. REPAIRS, MUST ONLY BE PERFORMED BY AN EXPERIENCED, QUALIFIED AND TRAINED TECHNICIAN.
 9. THE DELAYED EGRESS DEVICES ORDERED FOR THE PROJECT TOGETHER WITH ALL RELATED SYSTEMS AND ACCESSORIES, MUST BE COMPLETE, FULLY OPERATIONAL AND FUNCTIONAL AT THE TIME OF PROJECT DELIVERY AND TURNOVER. NO EXCEPTIONS.
 10. FIFTEEN (15) MINUTE DELAY.

1 TYPICAL DEVICE INSTALLATION ISOMETRIC
DE1.0 SCALE: 1 1/2" 1'-0"



- KEY NOTES:
- (1) REMOVE JUMPER FOR TWO-MINUTE ALARM SHUTOFF
 - (2) IF SMOKE DETECTOR IS USED, REMOVE END-OF-LINE RESISTOR AND INSTALL AC ROSS SMOKE-DETECTOR TERMINALS
 - (3) REMOVE JUMPER IF CONNECTING TO FIRE PANEL OR REMOTE NORMALLY-CLOSED KEYSWITCH
 - (4) BATTERY MUST BE INSTALLED, HOWEVER DO NOT CONNECT BATTERY UNTIL AC POWER IS APPLIED.

2 TYPICAL DEVICE WIRING DIAGRAM
DE1.0 SCALE: N.T.S.

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