

NEMA ENCLOSURE (WEATHERPROOF) AT LEAST 18"x18"x8" IN SIZE (PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR) INPUT VOLTAGE POWER SUPPLY & LOGIC CONTROLLER (INSTALLED INSIDE NEMA ENCLOSURE) 8 CONDUCTOR 18 AWG 6 CONDUCTOR FROM FIRE ALARM RELAY 2 CONDUCTOR, 22 AWG 2 CONDUCTOR SYSTEM SENSOR H12/24K HORN 18 AWG MINIMUM 2 CONDUCTOR 22 AWG MINIMUM* MOUNTED TO 4X4 WEATHERIZED BACK BOX 2 CONDUCTOR 22 AWG MINIMUM** 2 CONDUCTOR 18 AWG MINIMUM STI-6518 PROTECTIVE COVER **BOPPER STOPPER (CLEAR)** WITH ADAPTOR PLATE FOR SURFACE BACK BOX KEYSWITCH BYPASS/SYSTEM WEATHERIZED BACK BOX **DETEX 101858-6** WEATHERIZED FLEX CONDUIT KIT (TYPICAL EACH GATE LEAF) 2 CONDUCTOR RECOMMENDED 22 AWG MINIMUM³ 2 CONDUCTOR 18 AWG MINIMUM GATE SIGN NFPA 15 SECOND SIGN (TYPICAL EACH GATE LEAF) PANIC HARDWARE WITH WEATHERIZED PUSHPAD SWITCHING **All wires shall be 18 AWG stranded; All signal wires *Add prefix "H" for shall be 22 AWG stranded Hurricane Code

Theory of Operation

Rotating the authorized key in the momentary key switch mounted adjacent to gate will bypass the delayed egress system, allowing exit. A Green LED will illuminate indicating disarmed status. exiu.

Pressing the pushpad on the exit device for more than 3 seconds puts the system into alarm mode and begins an irrevocable 15-second delay, keeping the gate locked for 15 seconds before the

blocker(s) release(s) allowing egress through gate. Shunting the alarm and rearming the delayed egress system requires use of authorized key switch located adjacent to gate.

When activated, the re alarm system will send a signal to deactivate

the delayed egress system, allowing immediate egress. The local alarm will sound until reset.

