Z-10 PANEL WIRING

ENCLOSURE DEPTH: 4-1/4" WITH DOOR CLOSED

SELF-SERVE EXTINGUISHING SYSTEM SHALL BE INSTALLED FROM AND IN ACCORDANCE WITH STATE FIRE MARSHALL APPROVED PLANS. ALL EXTINGUISHING SYSTEMS, DISPENSING SYSTEMS AND CONTROL EQUIPMENT SHALL BE UNDERWRITERS LABORATORY LISTED (UL).

AUXILIARY RELAY BOARD WIRING DETAIL

THERMOSTAT INSTALLATION & WIRING DETAIL

PULL STATION NOTES:
1. THE PULL STATIONS ARE NON-POLARIZED DEVICES.
2. INSTALL A 3.3K, 1/2 WATT END OF LINE RESISTOR ON THE LAST PULL STATION IN THE CIRCUIT.

MANUAL RELEASE STATION WIRING DETAIL

CAUSE AND EFFECT MATRIX

INPUTS\EVENT	Panel Alarm Tone & LED	Panel Trouble Tone & LED	Agent Release	Onboard Relay 1	Onboard Relay 2	Onboard Relay 3
Manual Pull Station - Canopy	X		X		X	X
Heat Sensor - Canopy	X		X		X	X
System Fault		X		X		

ELECTRICAL EQUIPMENT INSTALLATION NOTES

1. THE RPS-E2 REMOTE ELECTRICAL PULL STATIONS SHALL BE LOCATED IN THE POINT-OF-SALE AREA, PROXIMATE TO AN AREA WITH FULL VIEW OF THE PROTECTED GASOLINE DISPENSERS.

WIRING NOTES

1. THE POWER SOURCE FOR THE Z-10 RELEASING PANEL CONTROLLED GAS ISLAND FIRE SYSTEM MUST BE A DEDICATED 120 VAC CIRCUIT USED ONLY FOR THIS PURPOSE. THE BREAKER SHALL BE LABELED.
2. ALL SYSTEM WIRING SHALL BE 14 AWG MINIMUM.
3. THE DISPENSER SHUT DOWNS SHALL BE A SHUNT TRIP BREAKER OR LATCHING STYLE RELAY.

PANEL INSTALLATION NOTES

1. THE AUTOPULSE Z-10 PANEL SHALL BE INSTALLED IN AN ENVIRONMENT WITH NOMINAL ROOM TEMPERATURES OF 15° - 27° C/ 60° - 80° F AND A RELATIVE HUMIDITY OF NO MORE THAN 85%.
2. POWER-LIMITED AND NON-POWER-LIMITED CONDUCTORS SHALL BE SEPARATED AS DETAILED IN THESE DRAWINGS. BUNDLE, LACE, AND TRAIN CONDUCTORS TO THE PANEL TERMINAL POINTS WITH NO EXCESS.
3. ALL CONDUCTORS SHALL BE COLOR CODED AND NUMBERED AT THE TERMINATION POINTS AS SHOWN ON THE PANEL WIRING DETAIL ON THIS SHEET. SEE WIRING NOTES FOR CONDUCTOR SIZE.
4. ALL PENETRATIONS THROUGH WALLS FOR CONDUITS, ETC. SHALL BE SEALED WITH APPROVED FIRE-STOPPING MATERIAL.
5. THE AUTOPULSE Z-10 SYSTEM CONTROL ALARM PANEL SHALL BEAR A LABEL STATING: "GAS ISLAND FIRE SYSTEM CONTROL PANEL".
6. PROGRAMMING OF THE AUTOPULSE Z-10 PANEL SHALL BE PERFORMED BY A FACTORY AUTHORIZED DISTRIBUTOR AND INSTALLER OF PYRO-CHEM, INC. PRODUCTS.
7. UPON COMPLETION OF INSTALLATION EACH INPUT DEVICE AND OUTPUT DEVICE SHALL BE TESTED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS TO VERIFY PROPER OPERATION.

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 06/09/16

NOTES:

THE INFORMATION AND GRAPHIC DEPICTIONS ON THIS SHEET ARE DERIVED FROM INFORMATION OBTAINED IN A PUBLICATION TITLED "AUTOPULSE Z-10 AGENT RELEASE CONTROL SYSTEM INSTALLATION, PROGRAMMING, AND OPERATING INSTRUCTIONS" PYRO-CHEM PART NUMBER: PN579-357 (REV G).

IF ADDITIONAL TECHNICAL ASSISTANCE IS NEEDED CONTACT PYRO-CHEM, INC. 1 STANTON STREET, MARINETTE, WI 54143-2542 USA. TELEPHONE NUMBER: 1-715-732-3465 TECHNICAL ASSISTANCE.

System Information:

PYRO-CHEM ATTENDANT II UL 1254
DRY CHEMICAL FIRE SUPPRESSION
SYSTEM PROTECTING A SELF-SERVICE
GASOLINE FUELING FACILITY

Owner/Site:

IRVING OIL CORPORATION
IRVING
393 COMMERCIAL STREET
PORTLAND, ME 04101

Interstate FIRE PROTECTION
P.O. BOX 1005
NORTH CONWAY, NH 03860
P.O. BOX 187
GARDINER, ME 04345

PYRO-CHEM GAS ISLAND FIRE SUPPRESSION SYSTEM ELECTRICAL PLAN

Proj. no.:	
CAD File:	IrvingComStPort.dwg
Drawn By:	M. STEWARD
Created on:	05/01/2016
Designed by:	M. STEWARD
Checked by:	B. TWOMBLY
Approved by:	B. TWOMBLY
Project Lead:	T. MOONEY
Scale:	AS NOTED

Revisions: Date:
II 05/01/2016

SHEET : 03