1 FS.E.1 CONDUIT PLAN

ELECTRICAL NOTES:

1. INSTALL ELECTRICAL SEAL OFFS AS REQUIRED.
2. WIRE NEW SUMP SENSORS AND TANK GAUGE INTO EXISTING VEEDER ROOT CONSOLE.
3. PROVIDE SEAL OFF FITTINGS AT THE EXISTING LIGHT POLE AND AT BUILDING.

NOTE:

THIS PLAN IS INTENDED FOR GENERAL CONDUIT LAYOUT PURPOSES ONLY. ACTUAL CONDUIT LAYOUT MAY VARY BASED ON SITE CONDITIONS OR OTHER INTERFERENCES NOT DEPICTED ON THIS DRAWING FOR CLARITY. THE CONTRACTOR IS RESPONSIBLE FOR REVIEWING ALL OF THE APPLICABLE EQUIPMENT LAYOUT DRAWINGS AND SPECIFICATIONS TO VERIFY THERE ARE NO CONFLICTS PRIOR TO INSTALLATION. ANY DISCREPANCIES OR CONFLICTS SHOULD BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.

CONDUIT DESIGNATION	SIZE	DESCRIPTION	FROM	TO	CONDUCTORS
C1	1"	DISPENSER CONTROL	DISPENSER	EDIS	PULL STRING
P1	¾"	DISPENSER POWER	DISPENSER	EDIS	3–#12, 1–#12 GND
P2	¾"	CANOPY LIGHTING	CANOPY COLUMN	WIREWAY WW1	2–#12, 1–#12 GND
P3	¾"	AST POWER	J–BOX 5	WIREWAY WW1	2–#10, 6–#12, 1–#12 GND
P4	¾"	HLA CIRCUIT	J–BOX 5	HLA	4–#12, 1–#12 GND
P5	1"	FUEL SYSTEM POWER	WIREWAY WW1	EXISTING ELECTRICAL PANEL	2–#10, 7–#12, 1–#12 GND
P6	1"	FUEL SYSTEM POWER	WIREWAY WW1	EXISTING ELECTRICAL PANEL	2–#8, 6–#12, 1–#12 GND
P7	¾"	HLA CIRCUIT	J–BOX 2	EXISTING VEEDER ROOT CONSOLE	2–#12, 1–#12 GND
P8	¾"	E–STOP CIRCUIT	E–STOP BUTTON	WIREWAY WW1	2–#12, 1–#12 GND
D1	¾"	DISPENSER POWER	EDIS	WIREWAY WW1	3–#12, 1–#12 GND
IS1	¾"	DISPENSER I.S. SENSOR	J–BOX 3	J–BOX 1	1–BELDEN #8760
IS2	¾"	AST I.S. SENSORS	J–BOX 6	J–BOX 1	3–BELDEN #8760
IS3	¾"	I.S. SENSORS	J–BOX 1	EXISTING VEEDER ROOT CONSOLE	4–BELDEN #8760
IS4	¾"	AST I.S. SENSORS	J–BOX 7	J–BOX 6	1–BELDEN #8760
SP1	¾"	SPARE	CANOPY COLUMN	WIREWAY WW–1	PULL STRING
SP2	¾"	SPARE	DISPENSER	WIREWAY WW–1	PULL STRING
SP3	¾"	SPARE	AST AREA	WIREWAY WW–1	PULL STRING
V1	¾"	VACUUM POWER	VACUUM PRODUCER	WIREWAY WW–1	2–#8, 1–#12GND

2 FS.E.1 CONDUIT SCHEDULE

SCALE: N.T.S.

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CITY OF PORTLAND, MAINE — RESURGAM
Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 10/31/13

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Consultants

Legend

IS1 CONDUIT DESIGNATION NUMBER

Notes

STATE OF MAINE
JAMES E. STEWART
No. 9848
LICENSED
PROFESSIONAL ENGINEER
9-27-13

Revision	By	Appd.	YY.MM.DD