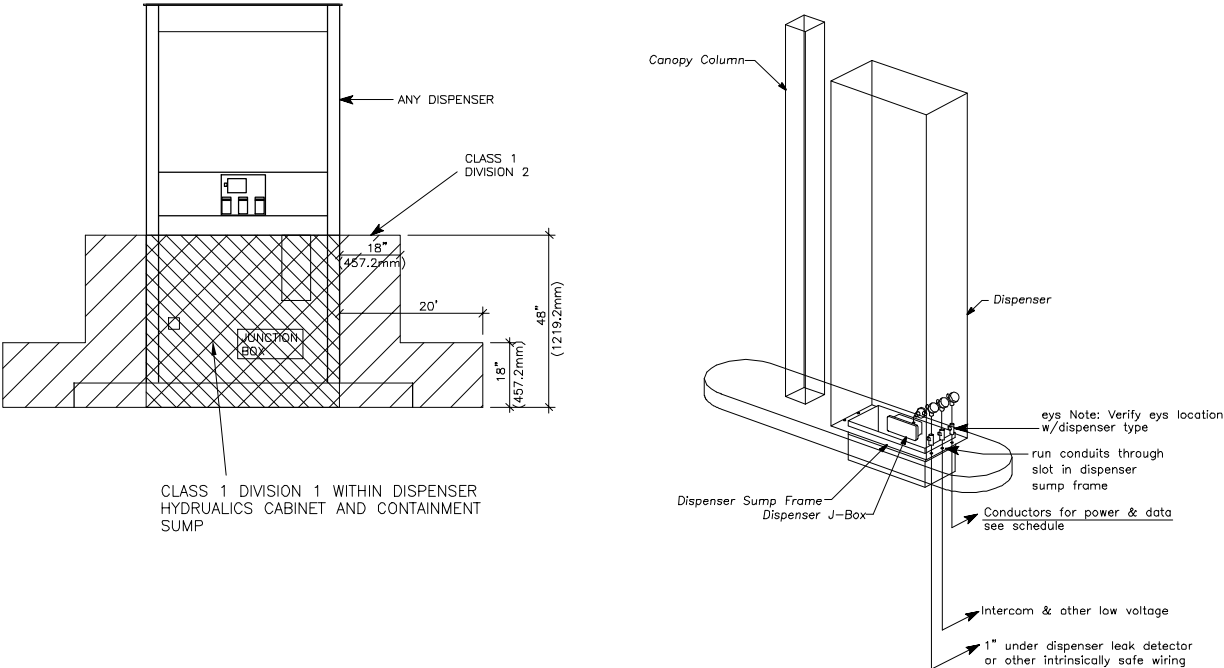


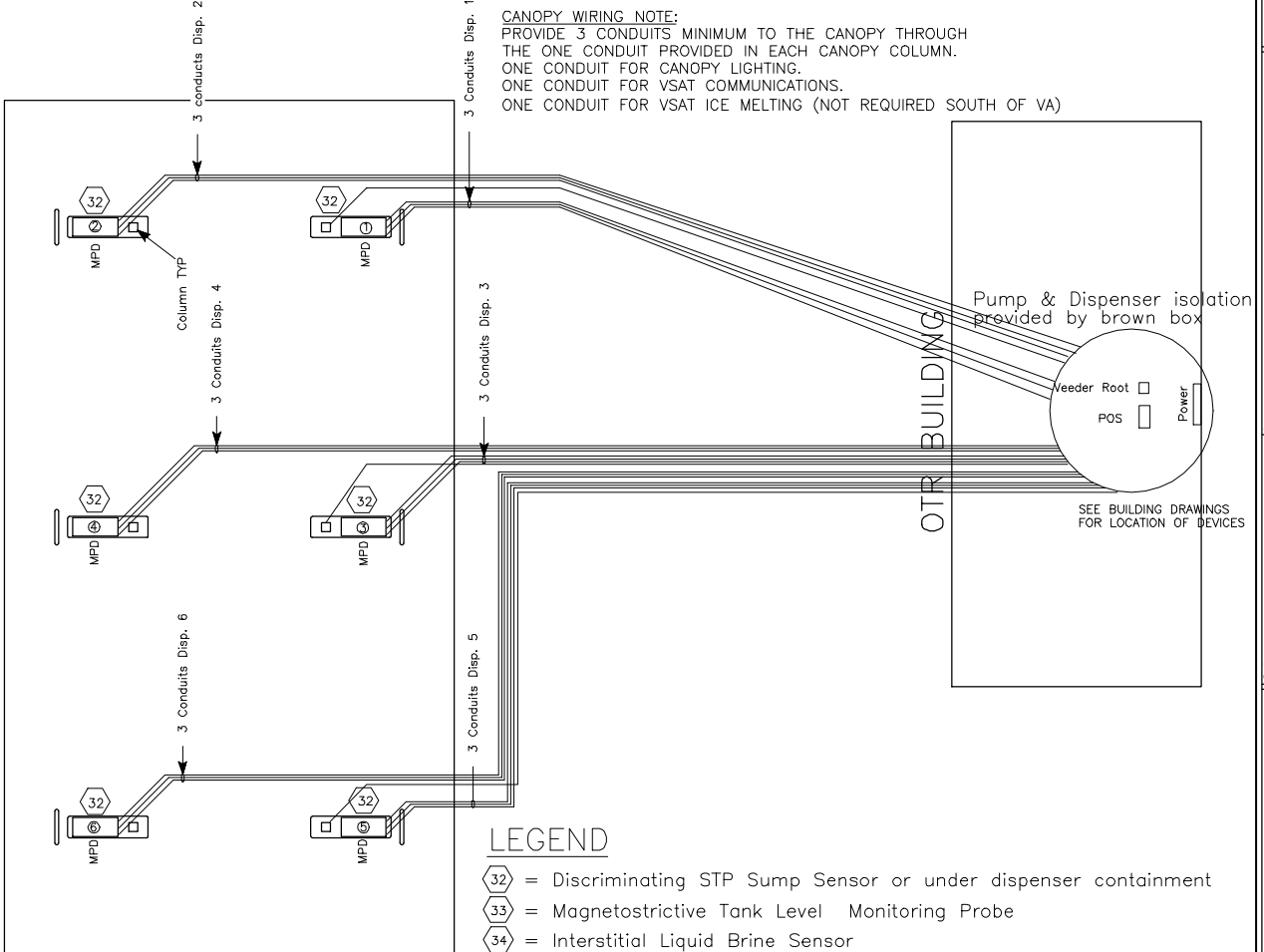
Equipment Wiring & Conduit Schedule

Equipment	Conductors	Conduit	Comments
Red Jacket 2HP	3 #10 (increase size as required for voltage drop)	One 1" (25.4mm) for all wiring	One conduit per STP
Red Jacket STP 1.5 HP Single phase 208/240V for diesel	Three #12 THHN including ground. (increase size as required for voltage drop)	One 1" (25.4mm) Conduit	One conduit per STP
Veeder – Root Discriminating Piping Sump Sensor	Two conductor Shielded Cable Belden 88760 or 8760 Carol C2534	One 1" (25.4mm) Conduit	sensors may share one conduit
Veeder – Root Magnetostriuctive Level Probe	Two conductor Shielded Cable Belden 88760 or 8760 Carol C2534	One 1" (25.4mm) Conduit	sensors may share one conduit
Veeder – Root Tank Interstitial brine Sensor	Two conductor Shielded Cable Belden 88760 or 8760 Carol C2534	One 1" (25.4mm) Conduit	sensors may share one conduit
Veeder – Root Pressurized Line Leak Detector	Two conductor Shielded Cable Belden 88760 or 8760 Carol C2534	One 1" (25.4mm) Conduit	sensors may share one conduit
Wayne & Gilbarco Dispensers DL or Vista Any Style with/without Speedpass Wayne Vac Pay at Pump	14 Conductors – 3 pair #18 AWG copper stranded shielded twisted pair wires for data One #14 THHN neutral one ground #14 Two Spare #14 ONE #14 THHN For Dispenser power Two #14 for stp control (increase size as required for voltage drop)	One 1" (25.4mm) Conduit for MPD power and data	Separate from other MPD conduits. Add STP control wires as required.
Dispenser Intercom	Two pair BELDEN #9402	One 1" (25.4mm) Conduit	Encore requires two intercom positions
VSAT Canopy Terminal	One 3/4 " Conduit with nylon pull cord only plus One 20A circuit for ice melting equipment in another Conduit	3/4" (19mm) Conduit ice melting circuit may share a lighting conduit	

Refer to the equipment manufacturer's installation INSTRUCTIONS BEFORE INSTALLING ANY EQUIPMENT OR making any wiring terminations. Note All conductors shall be stranded.

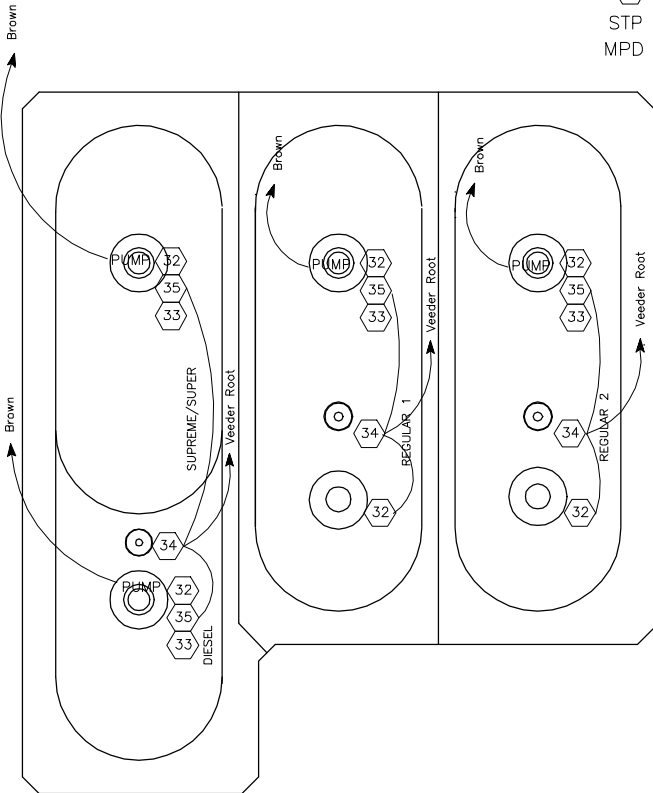


1 (SEE INSTALLATION MANUAL FOR DETAILS)
11 ELECTRICAL CONDUIT NOTE:
CONDUITS SHALL NOT PENETRATE THE CONTAINMENT SUMP



LEGEND

- 32 = Discriminating STP Sump Sensor or under dispenser containment
 33 = Magnetostrictive Tank Level Monitoring Probe
 34 = Interstitial Liquid Brine Sensor
 35 = PRESSURIZED LINE LEAK DETECTOR
 STP = Red Jacket Fixed Speed Submersible Pump
 MPD = Any style Wayne or Gilbarco Gas or
 Gas/Diesel or Diesel Dispenser



Home run looped from Brine sensor Jbox
each tank

REFER TO P2.0 FOR "EQUIPMENT DESIGNATION"