

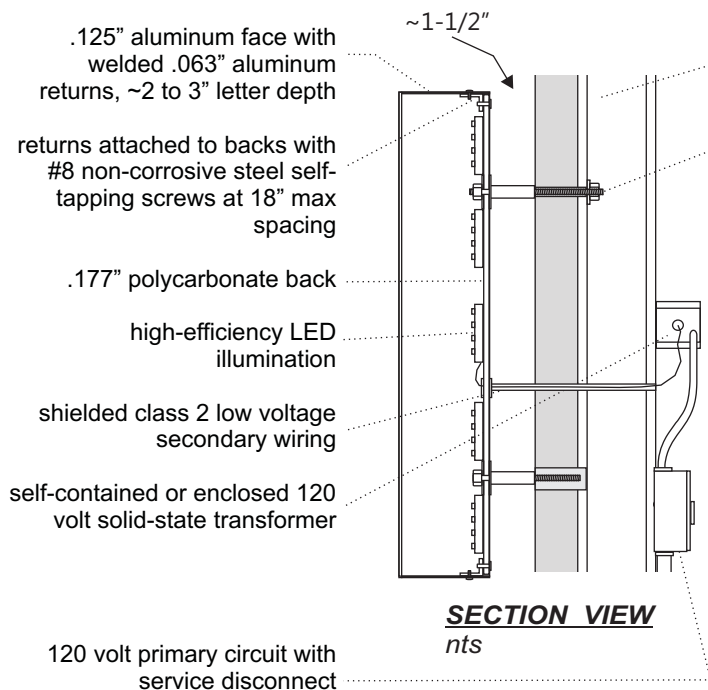
**TYPICAL SIGN WIRING, PLAN VIEW**



**TYPICAL PARTIAL ELEVATION VIEW**

*typical individual back/halo-lit illuminated ID channel letters with optional logos shown*

*Note: actual sign layout and art-work shall be submitted and approved separately*



**SECTION VIEW**  
*nts*

signband wall, construction varies  
non-corrosive aluminum or steel hardware, 1/4" min dia., (3) or (4) per letter min, evenly spaced

**Notes:**  
120 volt primary line to back of sign location, in approved conduit, with j-box and service disconnect to sign by project electrician.  
All wall penetrations to be sealed with RTV silicone sealant/adhesive  
Access to back of wall for wiring and maintenance is required  
Maximum weight of any letter is 15 lbs.  
Sign shall be built and installed in strict accordance with UL standard 2161 and shall be UL listed and labeled under license #E151394



**Installation Instructions:**

Refer to project drawing and installation pattern. Read all instructions before proceeding. Check backside of wall for any obstructions or existing conditions to be avoided. Firmly tape provided paper installation pattern on wall. Confirm correct positioning of letters before proceeding. Drill mounting and secondary wiring holes as indicated on the installation pattern. Remove pattern. Beginning with the first letter/logo, place provided spacers over mounting studs and apply RTV silicone caulk/sealant around each mounting stud. Place sign/logo in position on wall, feeding secondary wiring leads and ground wires through corresponding holes. Seal secondary wire RTV silicone caulk/sealant at wall. Secure letter to wall with designated non-corrosive studs, washers and nuts. Repeat process to mount all letters/logos. Using appropriate hardware, secure transformer enclosure to backside of wall near center-back of sign. Organize and bundle secondary leads with wire ties and secure wires to back of wall at 24" intervals with cable clips. Feed secondary lines from letters/sign through provided black Heyco bushings and into transformer secondary wiring junction box. Trim wires as needed to allow ~3" of lead within enclosure. Strip blue cable shield back ~2", and strip individual red and black secondary wires back ~5/8". Using UL-listed wire-nuts, connect all red (positive) leads together and to corresponding red feed from transformer secondary. Wire-nut all black (negative) leads together and to corresponding black secondary feed from transformer.  
Note: intermediate junction boxes may be utilized to connect secondary wires from multiple letters in a sub-circuit prior to connecting to transformer. In this case, a secondary jumper wire connects the sub-circuit to the transformer secondary and is connected as described above. Primary line and ground, with disconnect switch within clear site of transformer, into transformer box is by project electrician. A dedicated primary circuit recommended. Branch circuit to sign may not exceed 30 amps.

**Series 125 Halo-Lit** Individual Channel Letters, typical configurations, specs, wiring and installation instructions, for letters up to 36" high Page 1/1 Sept 2014 HRMc