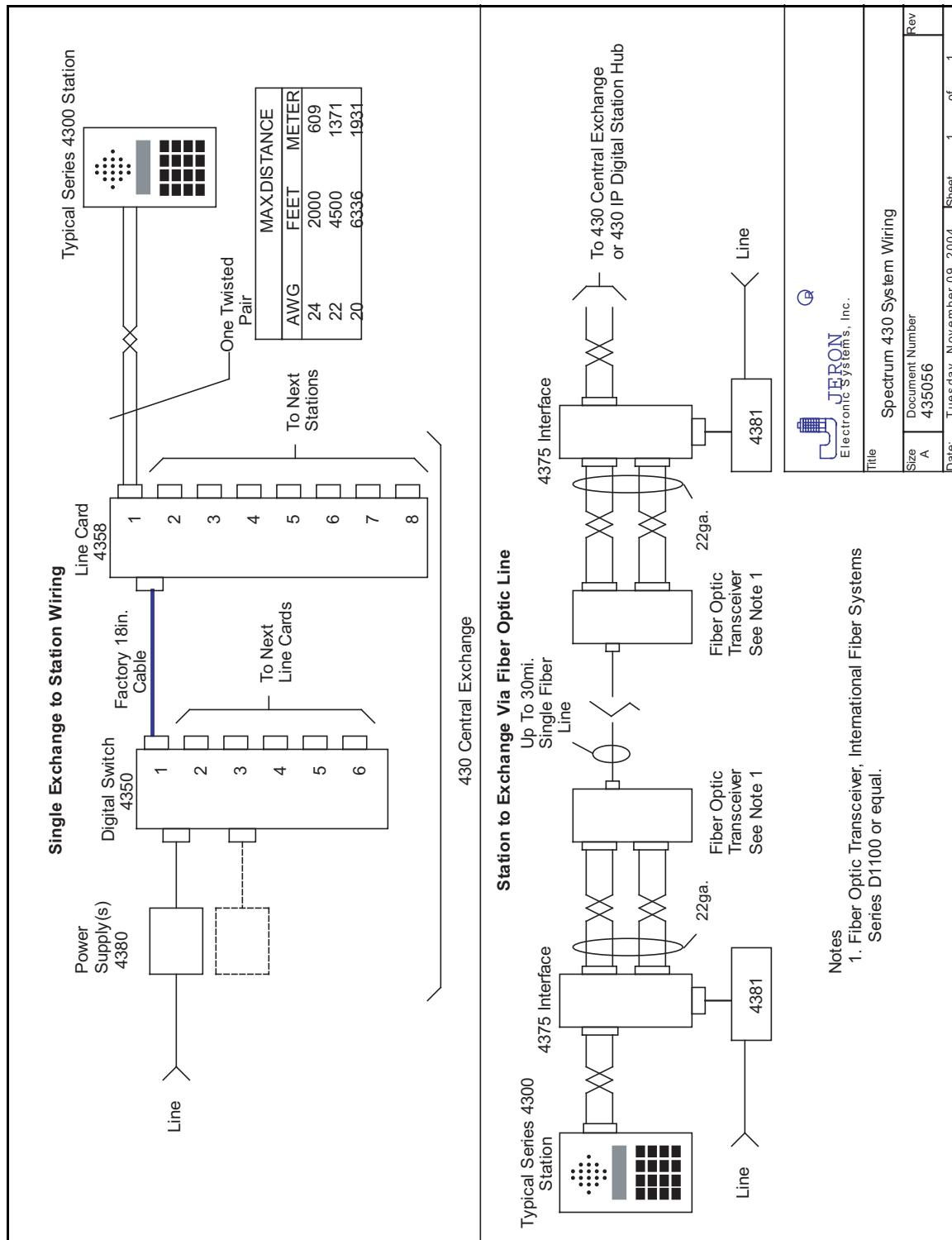


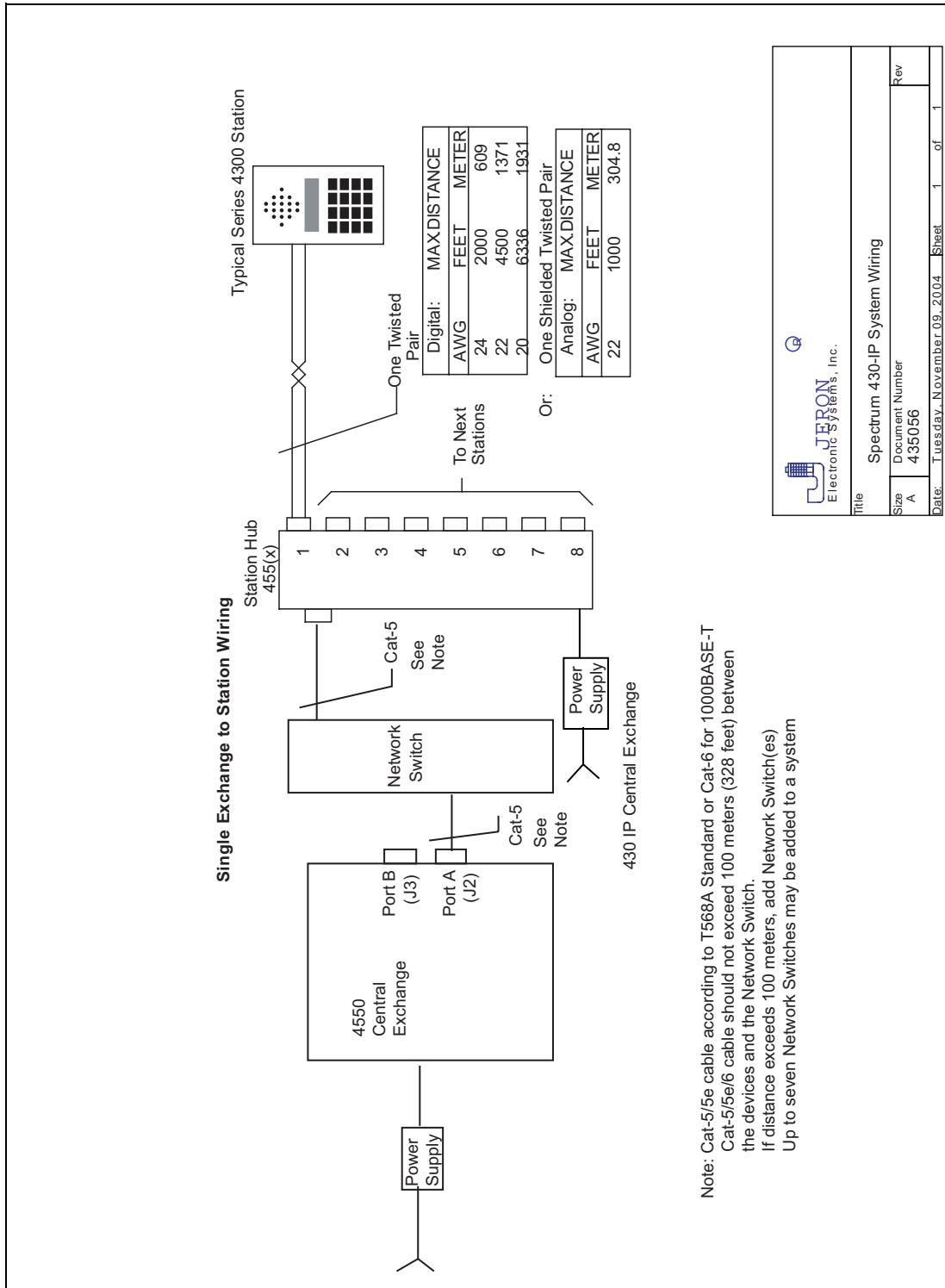
*Figure 3.2: Basic Spectrum 430 IP System Wiring*

## Single Station Wiring



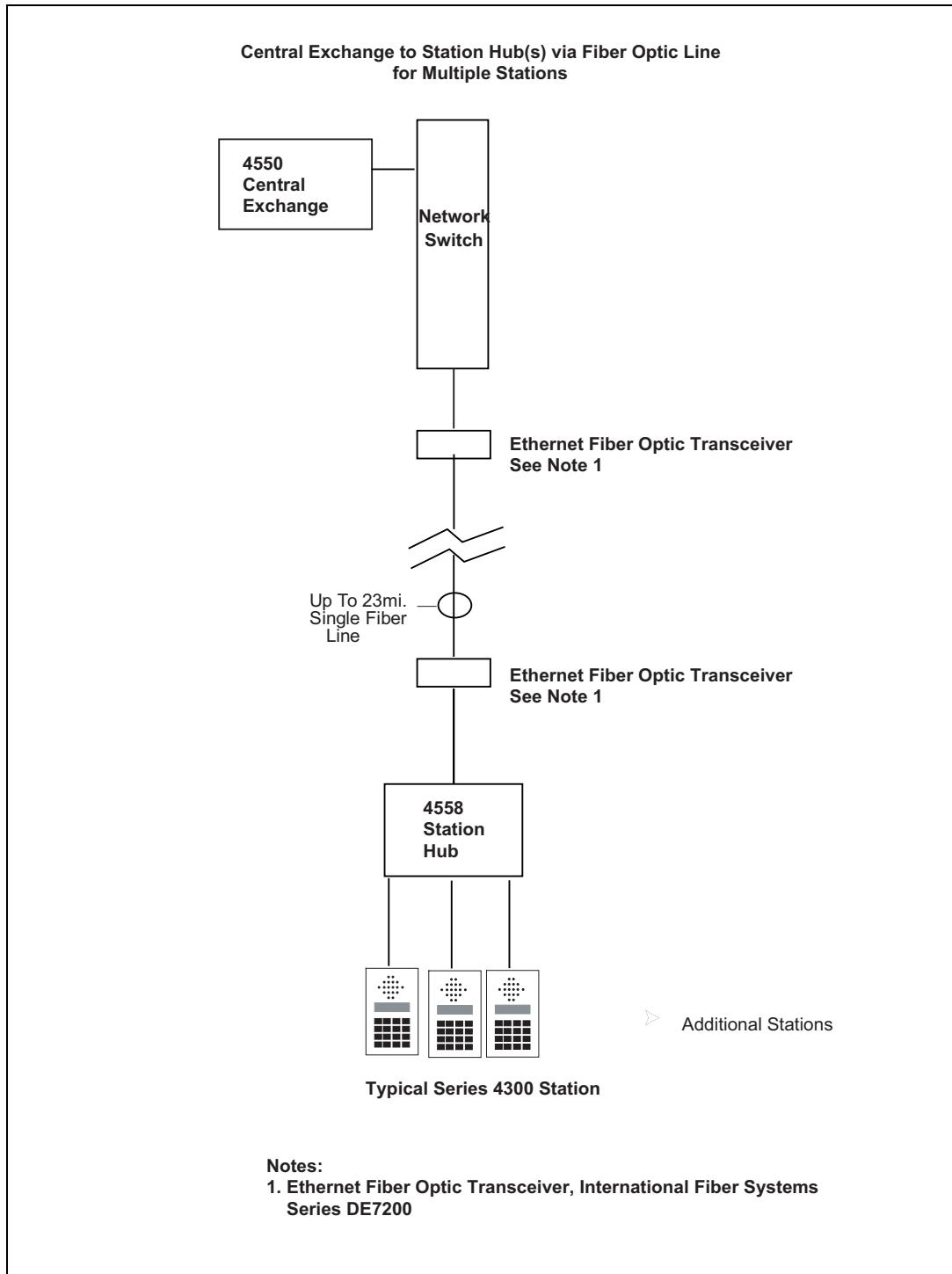
**Figure 3.3: Spectrum 430 Single Station to Exchange Wiring & 430, 430 IP Station to Exchange via Fiber Optic Line**

## IP Single Station Wiring



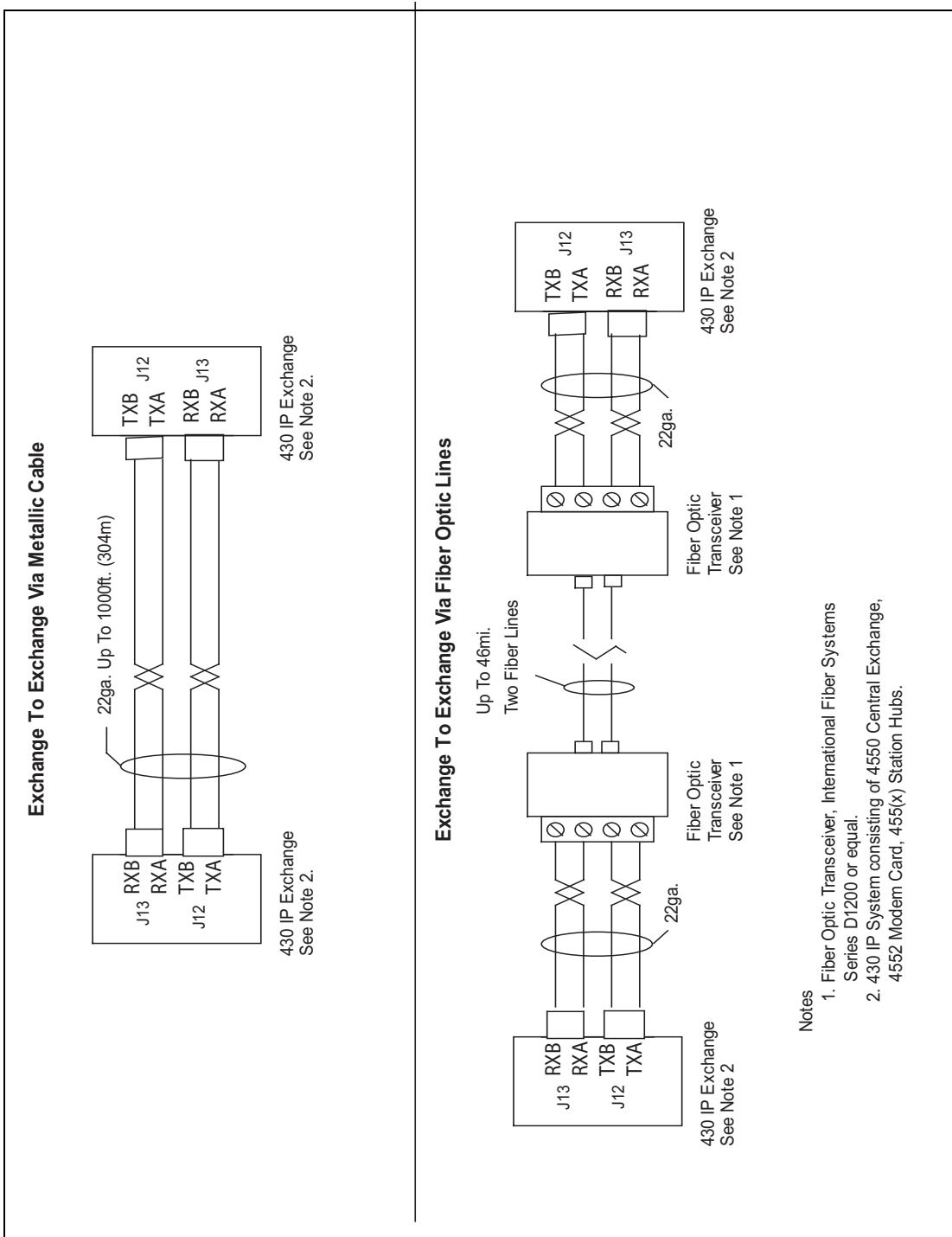
**Figure 3.4: Spectrum 430 IP Single Station to Exchange Wiring**

## IP Multiple Station Wiring



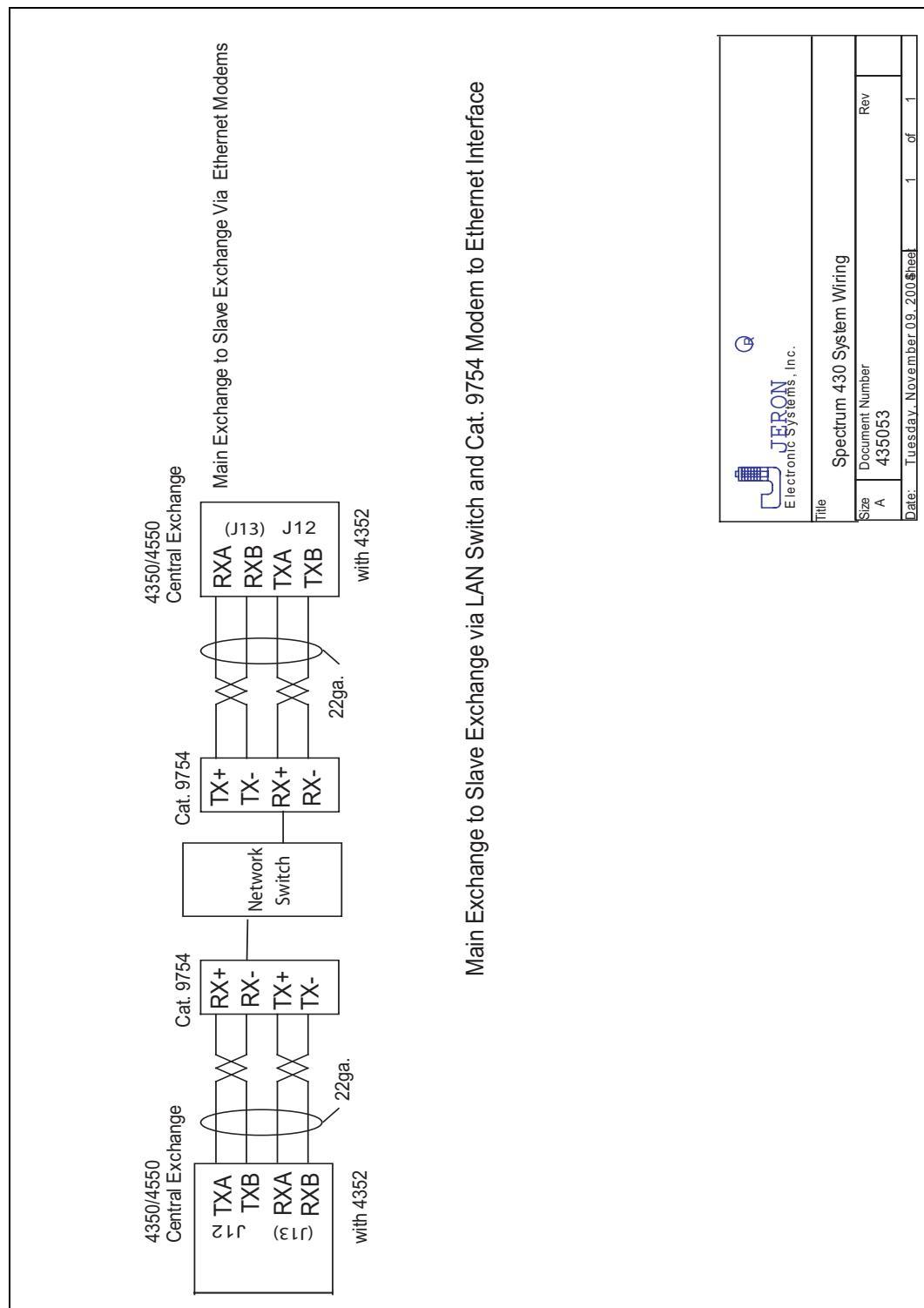
*Figure 3.5: Spectrum 430 IP Central Exchange to Multiple Station Wiring*

## IP Exchange to Exchange Wiring



- Notes
1. Fiber Optic Transceiver, International Fiber Systems Series D1200 or equal.
  2. 430 IP System consisting of 4550 Central Exchange, 4552 Modem Card, 455(x) Station Hubs.

**Figure 3.7: Spectrum 430 IP Exchange to Exchange Wiring**



**Figure 3.8: Spectrum 430 & 430 IP Exchange to Exchange Connection via LAN and Cat. 9754 Modem to Ethernet Interface**

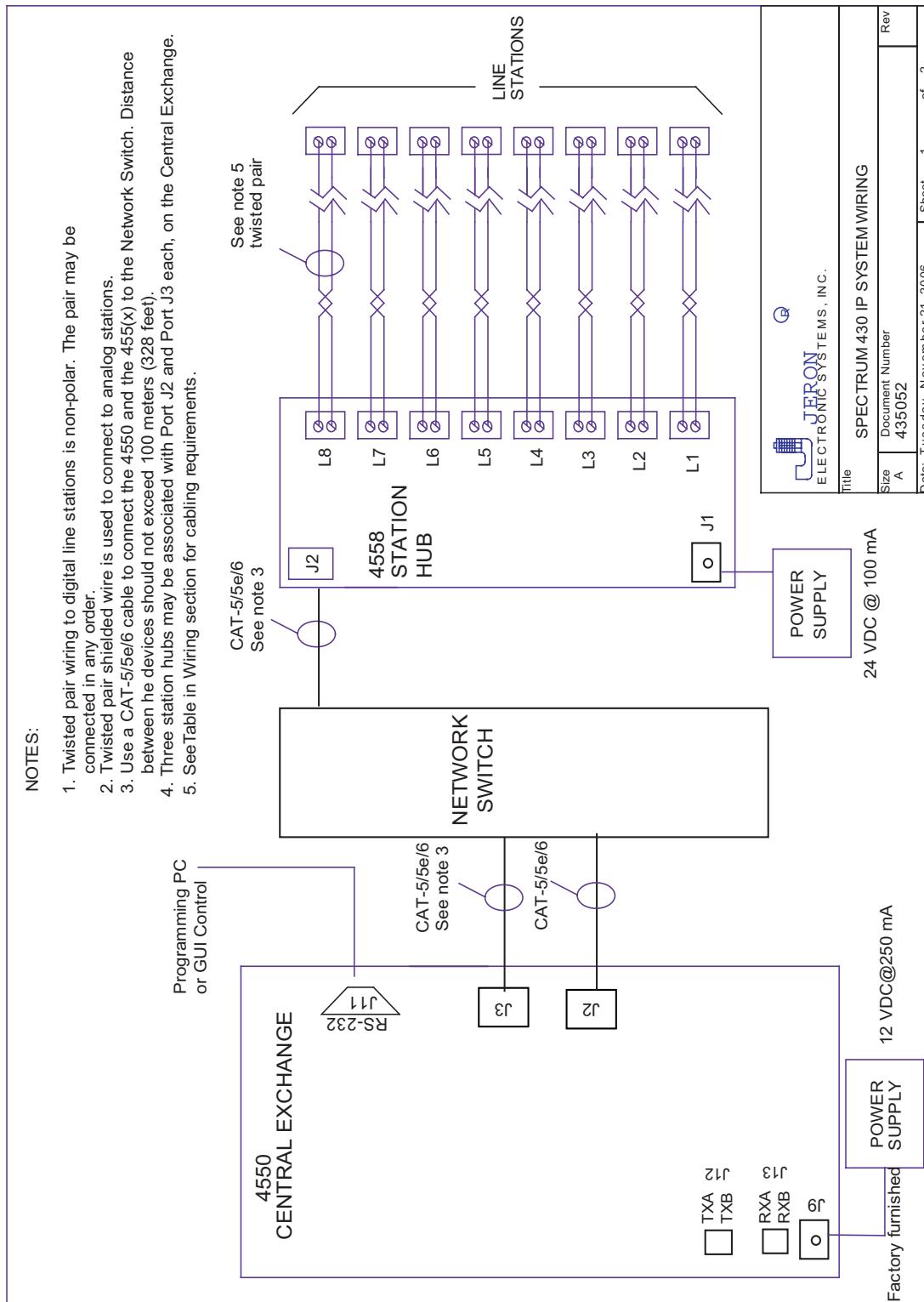
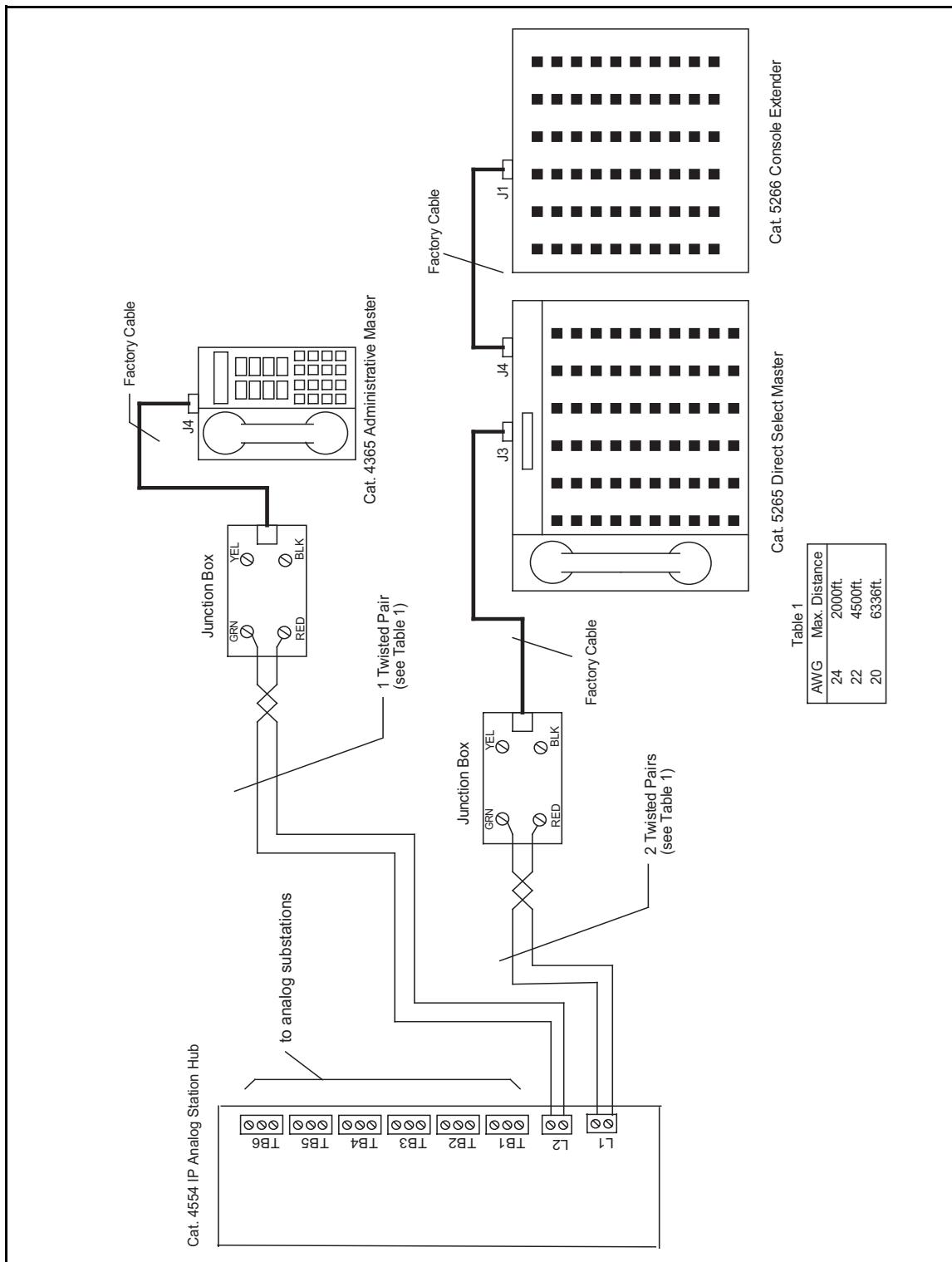
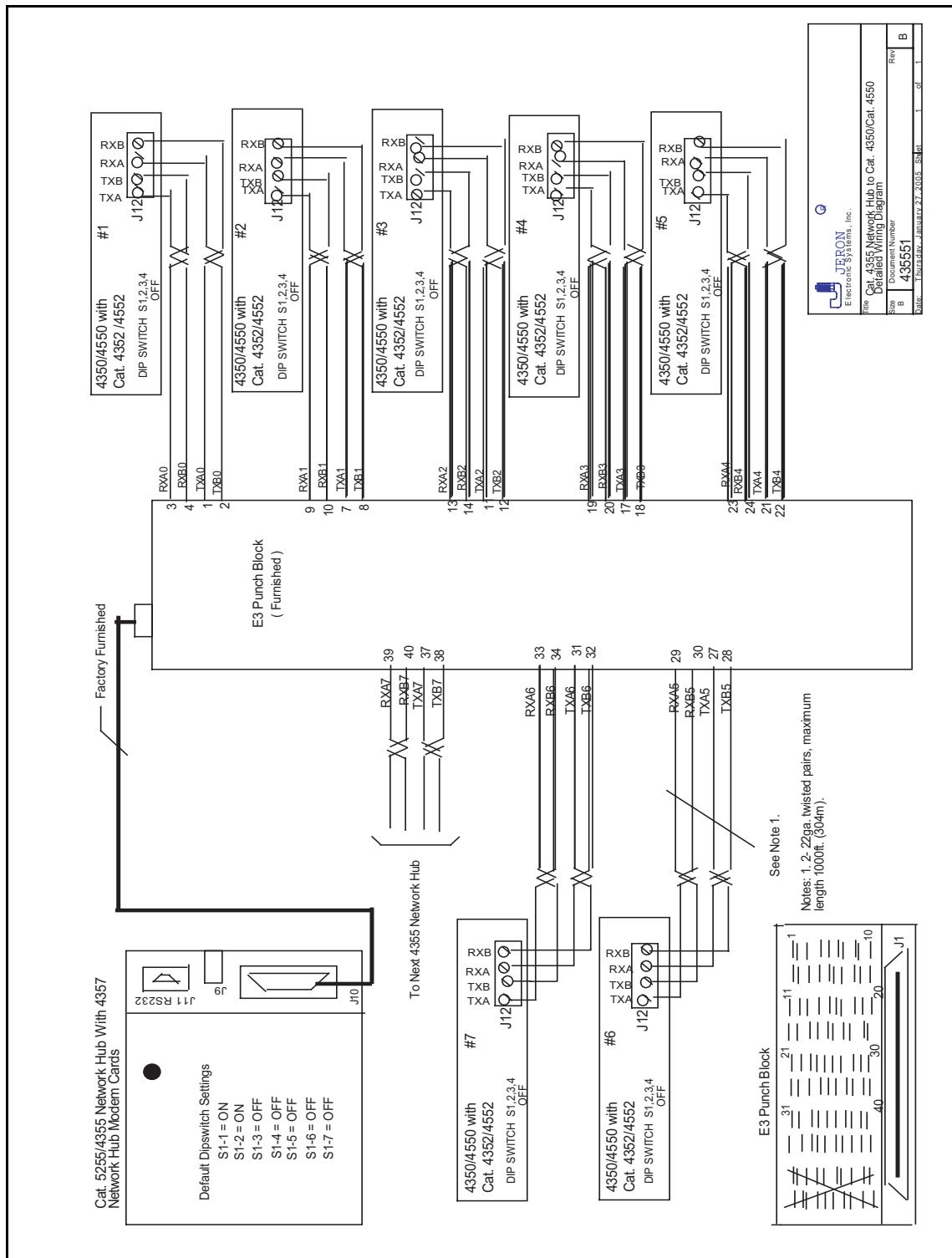


Figure 3.10: 4550 IP Central Exchange to 4558 Digital Station Hub

### Cat. 4365/Cat. 5265 to IP Station Hub Wiring

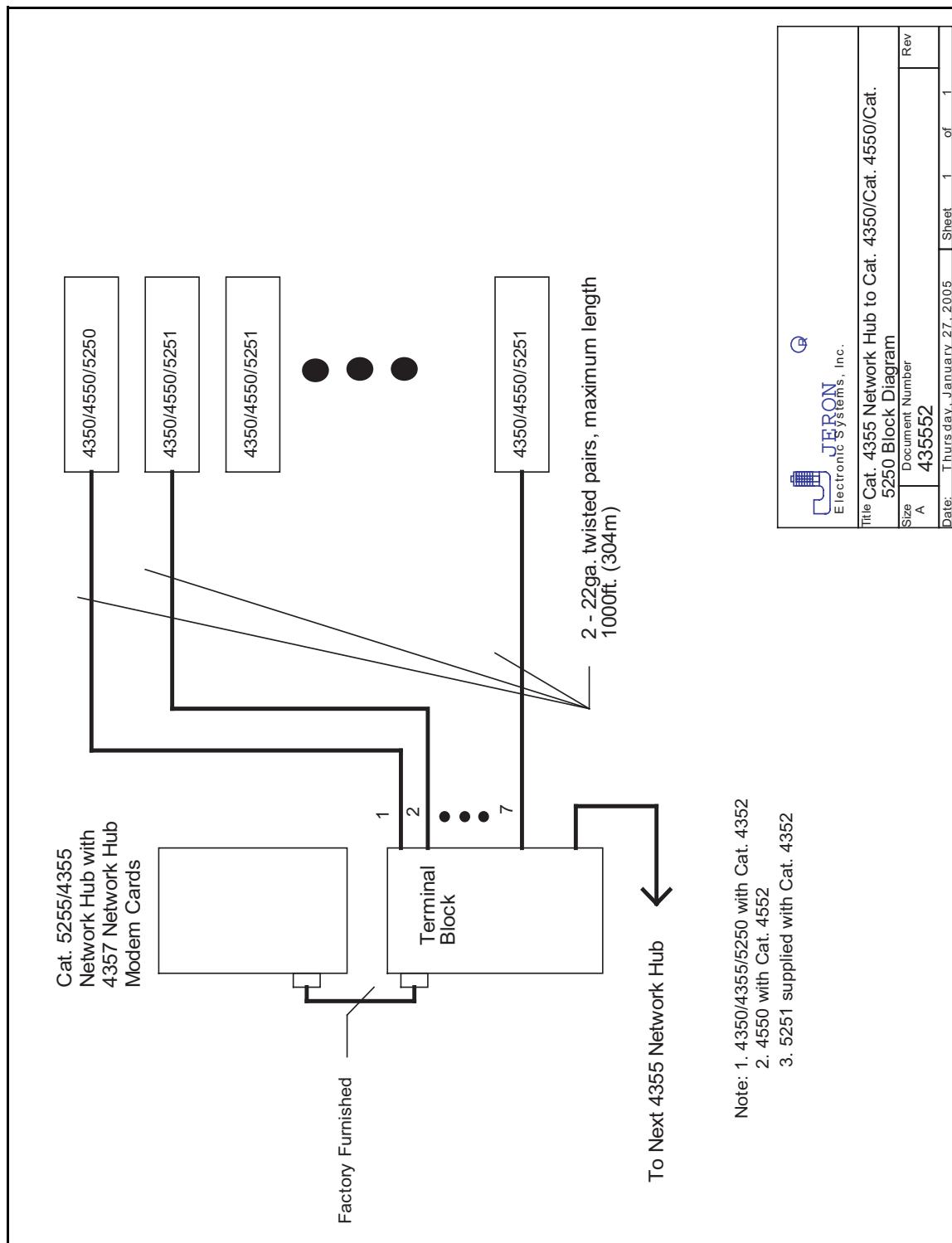


**Figure 3.13: Spectrum 430 IP 4365 Admin Master & 5265 Direct Select Console Wiring**

**Cat. 4355 Network Hub**

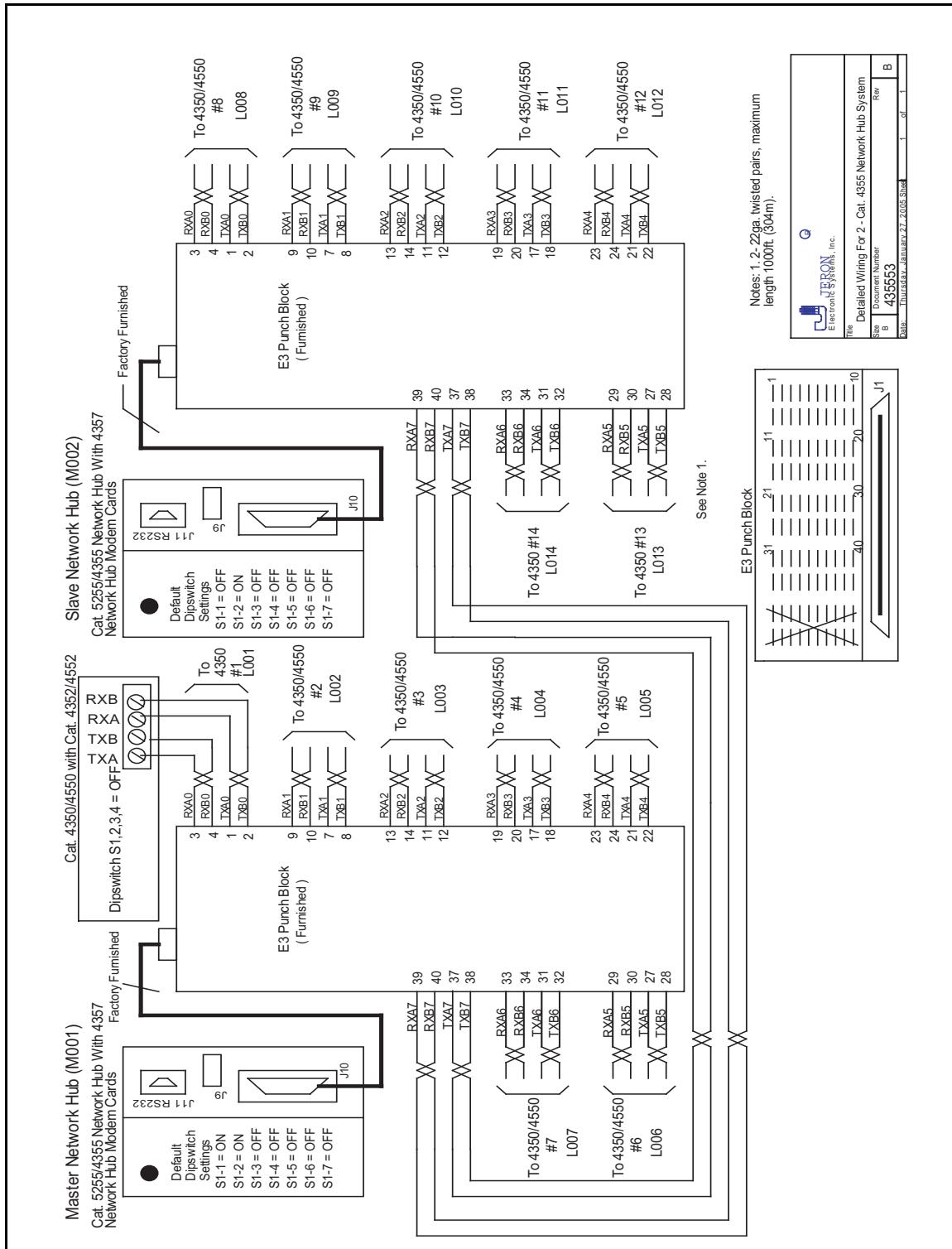
**Figure 3.16: Spectrum 430/430 IP 4355 Network Hub to 4350 Digital Switch/4550 IP Central Exchange Wiring**

## Cat. 4355 Network Hub Block Diagram



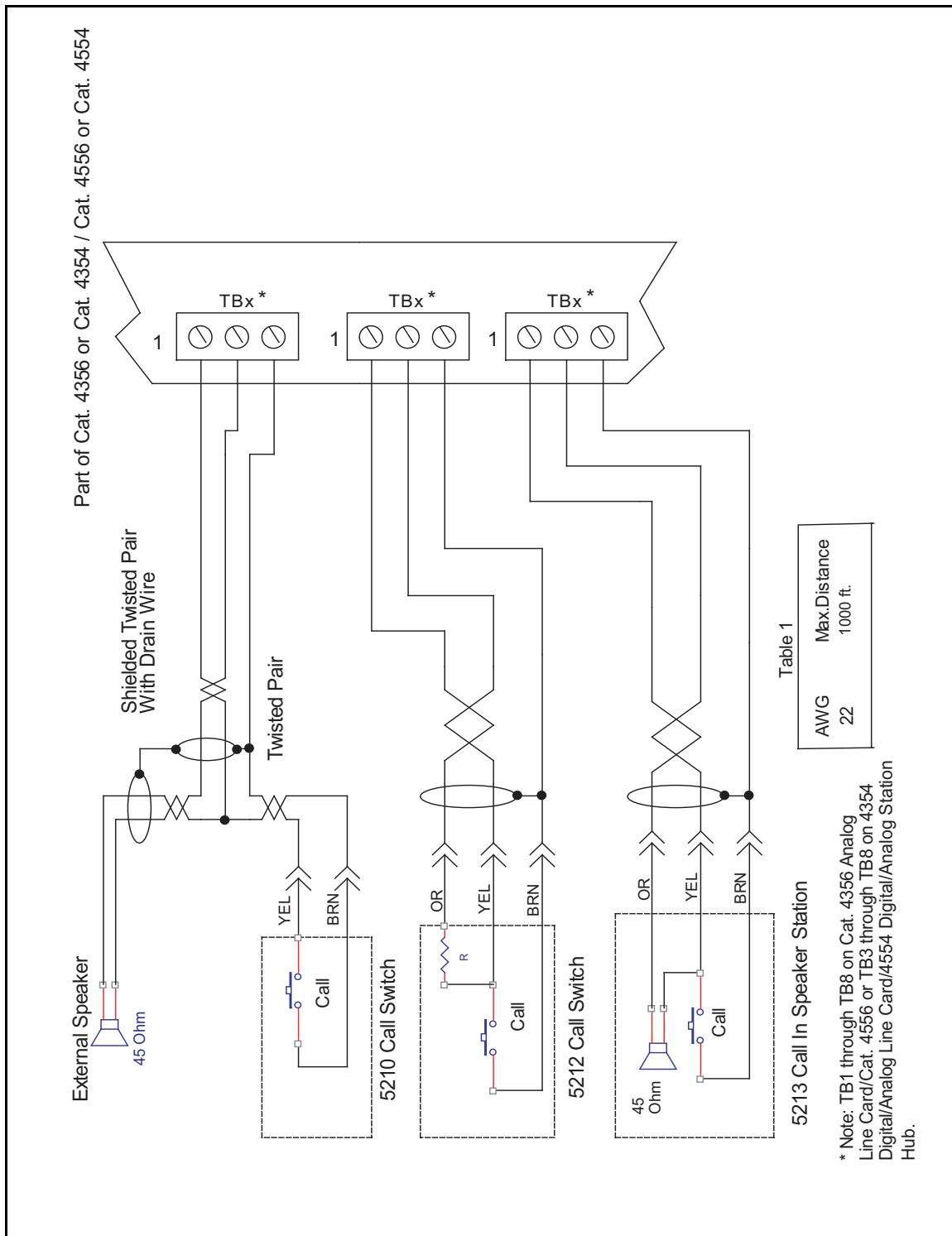
**Figure 3.17: Spectrum 430/430 IP 4355 Network Hub to 4350 Digital Switch/  
4550 IP Central Exchange Block Diagram**

## Two-Network Hub System



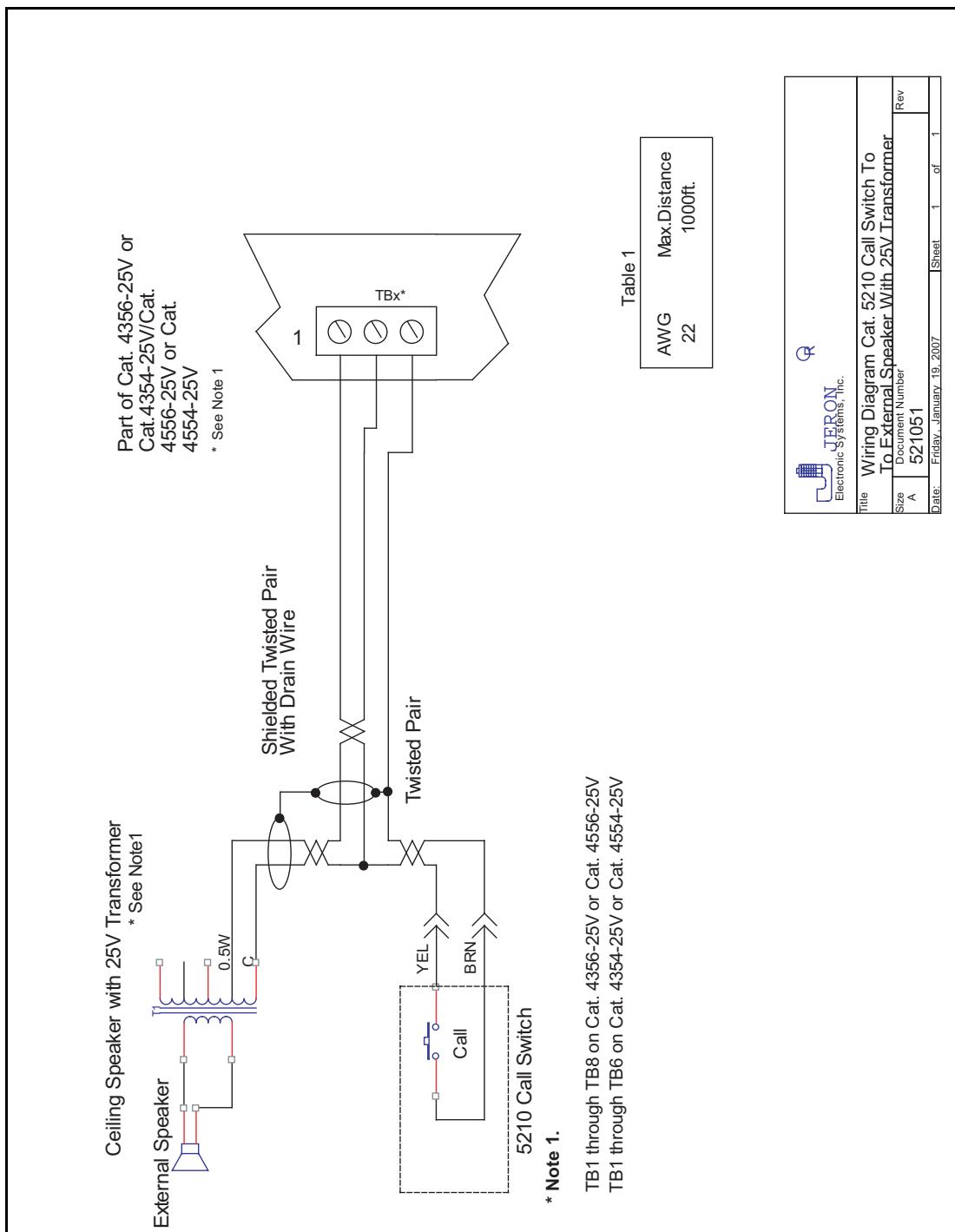
**Figure 3.18: Spectrum 430/430 IP Detailed Wiring for Two-Network Hub System**

## Cat. 4356 Analog Line Card Wiring



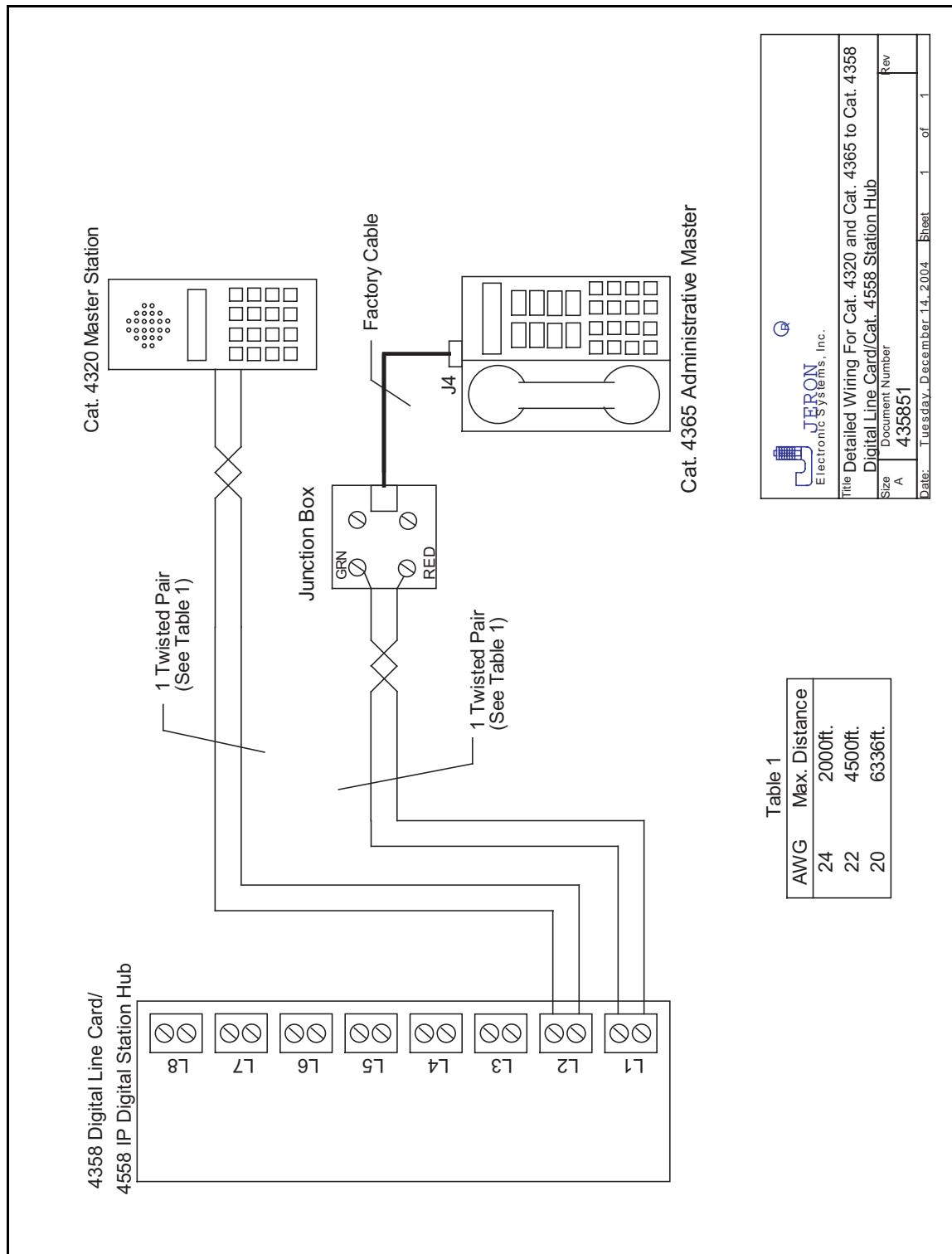
**Figure 3.20: Spectrum 430/430 IP Detailed Wiring for 4356 Analog Line Card/4556 Analog Station Hub**

## Cat. 5210 Call Switch to External Speaker wit 25V Transformer



**Figure 3.21: Spectrum 430/430 IP Cat. 5210 Call Switch to External Speaker with 25V Transformer**

## Cat. 4358 Digital Line Card/4558 Digital Station Hub Wiring



**Figure 3.22: Spectrum 430/430 IP Detailed Wiring for 4320/4365 to 4358 Digital Line Card/4558 Digital Station Hub**

## Cat. 4316/Cat. 4326 Wiring

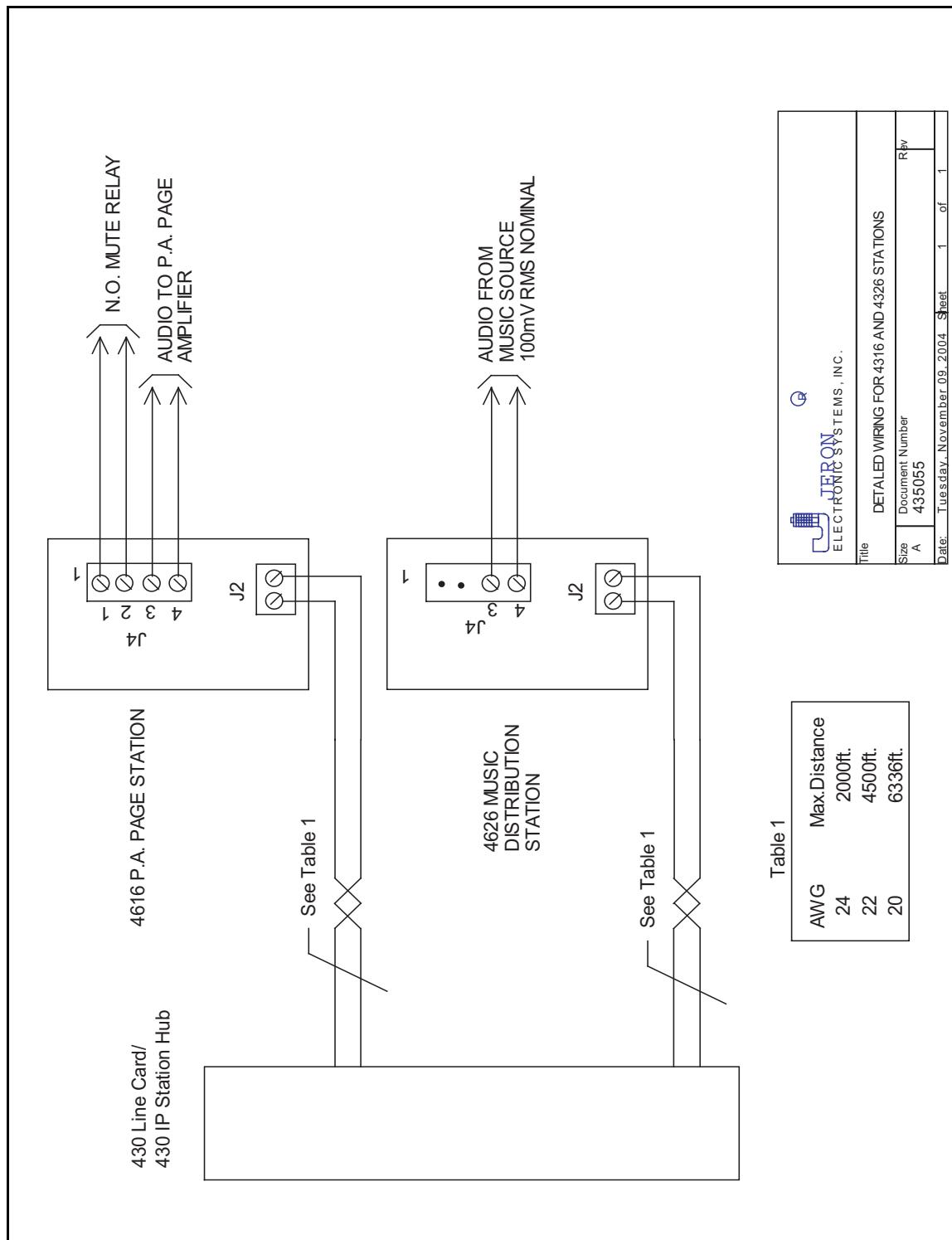


Figure 3.23: Spectrum 430/430 IP Detailed Wiring for 4316 and 4326 Stations

## Caller ID Interface

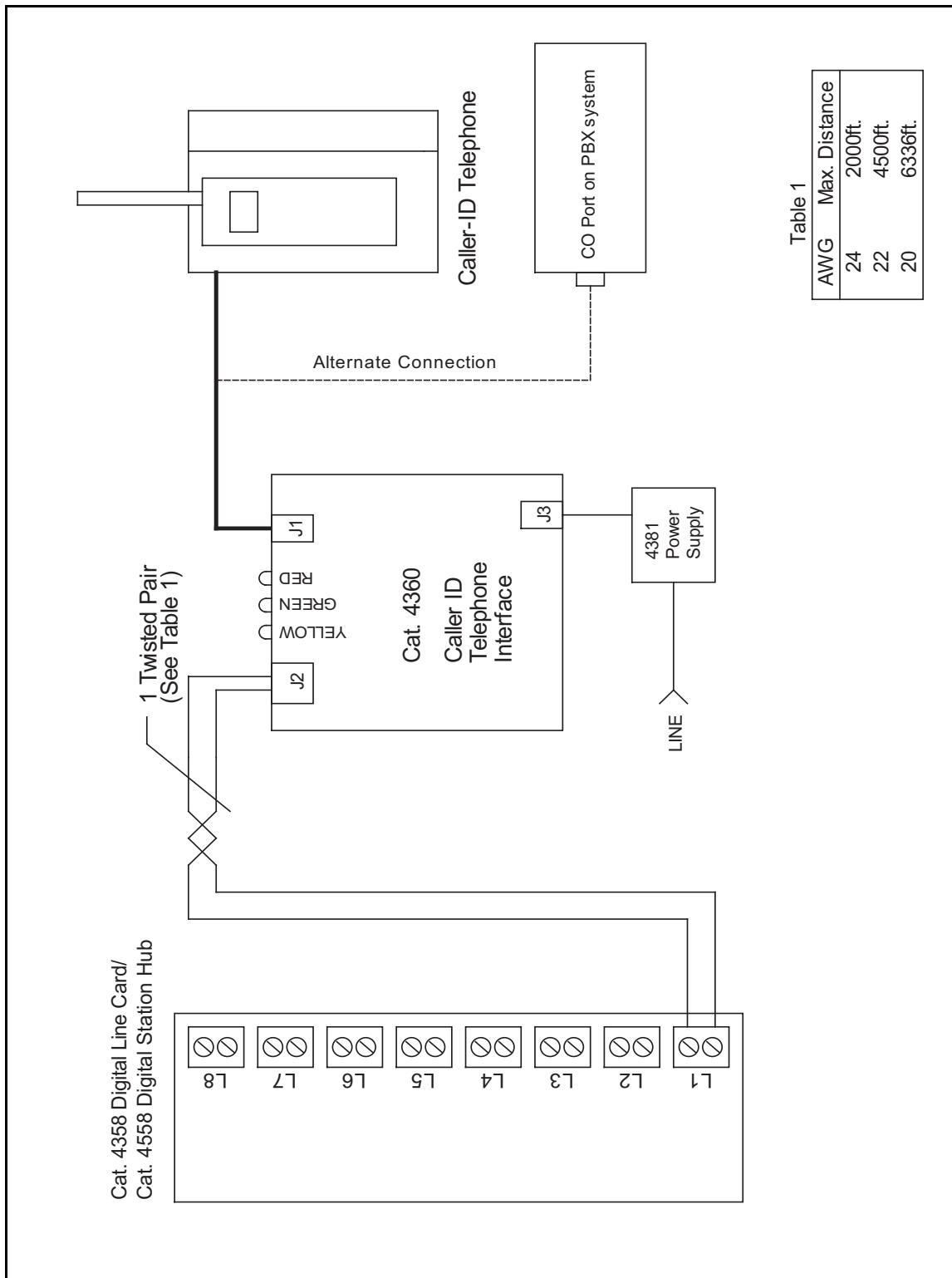
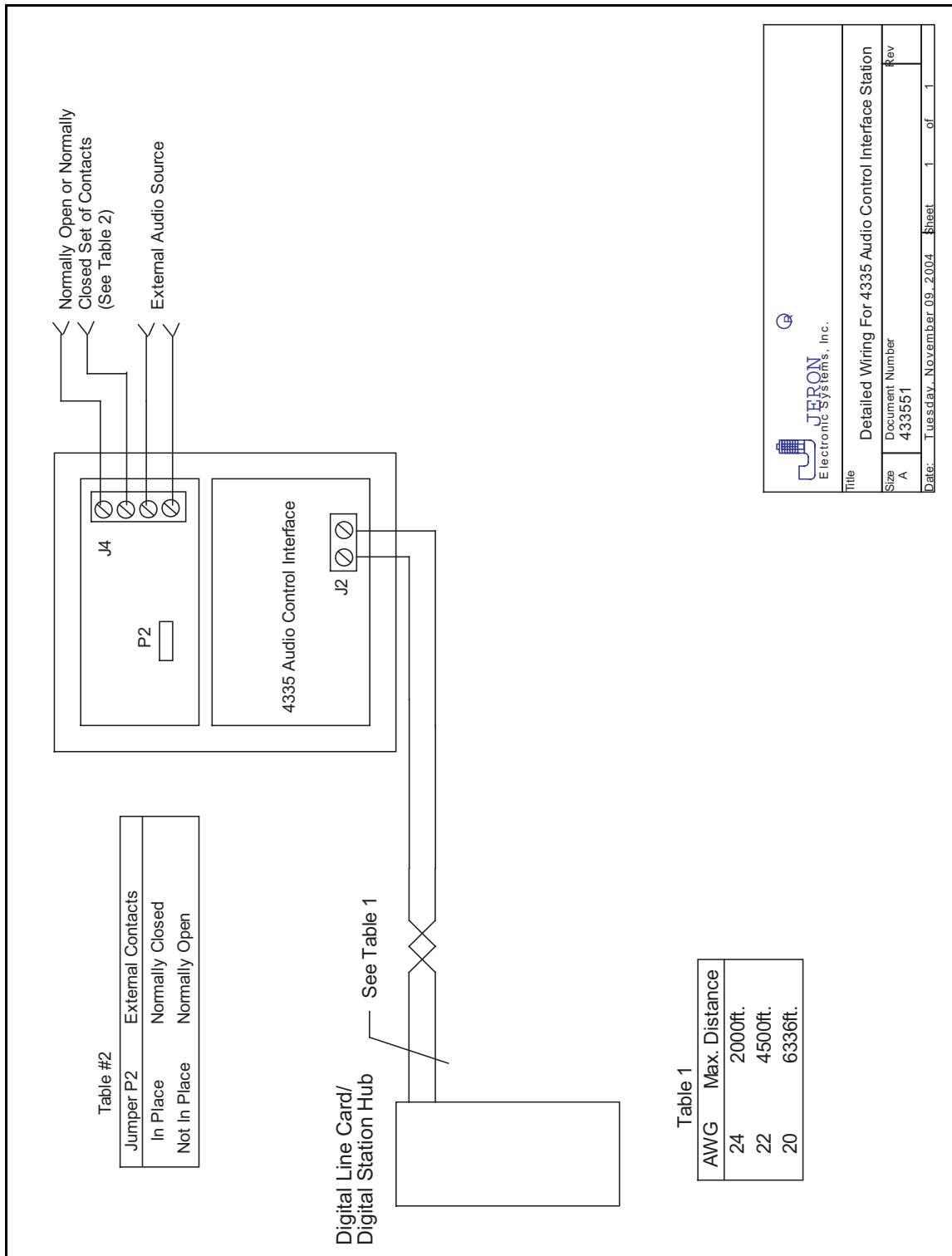


Figure 3.24: Spectrum 430/430 IP Cat. 4360 Caller ID Interface Wiring

## Audio Control Interface



**Figure 3.26: Spectrum 430/430 IP Detailed Wiring for Cat. 4335 Audio Control Interface**

## Cat. 4327 Elevator Substation

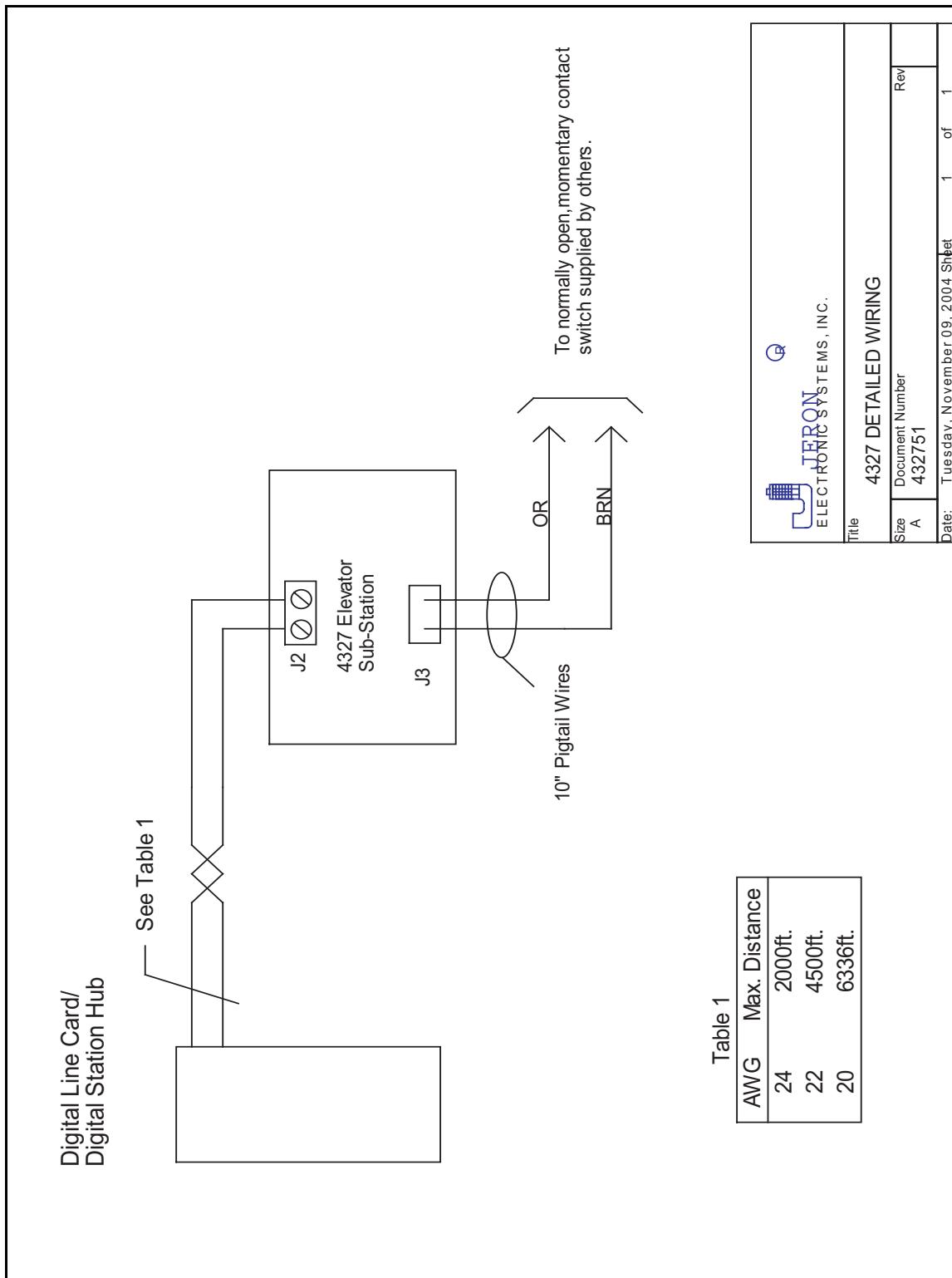
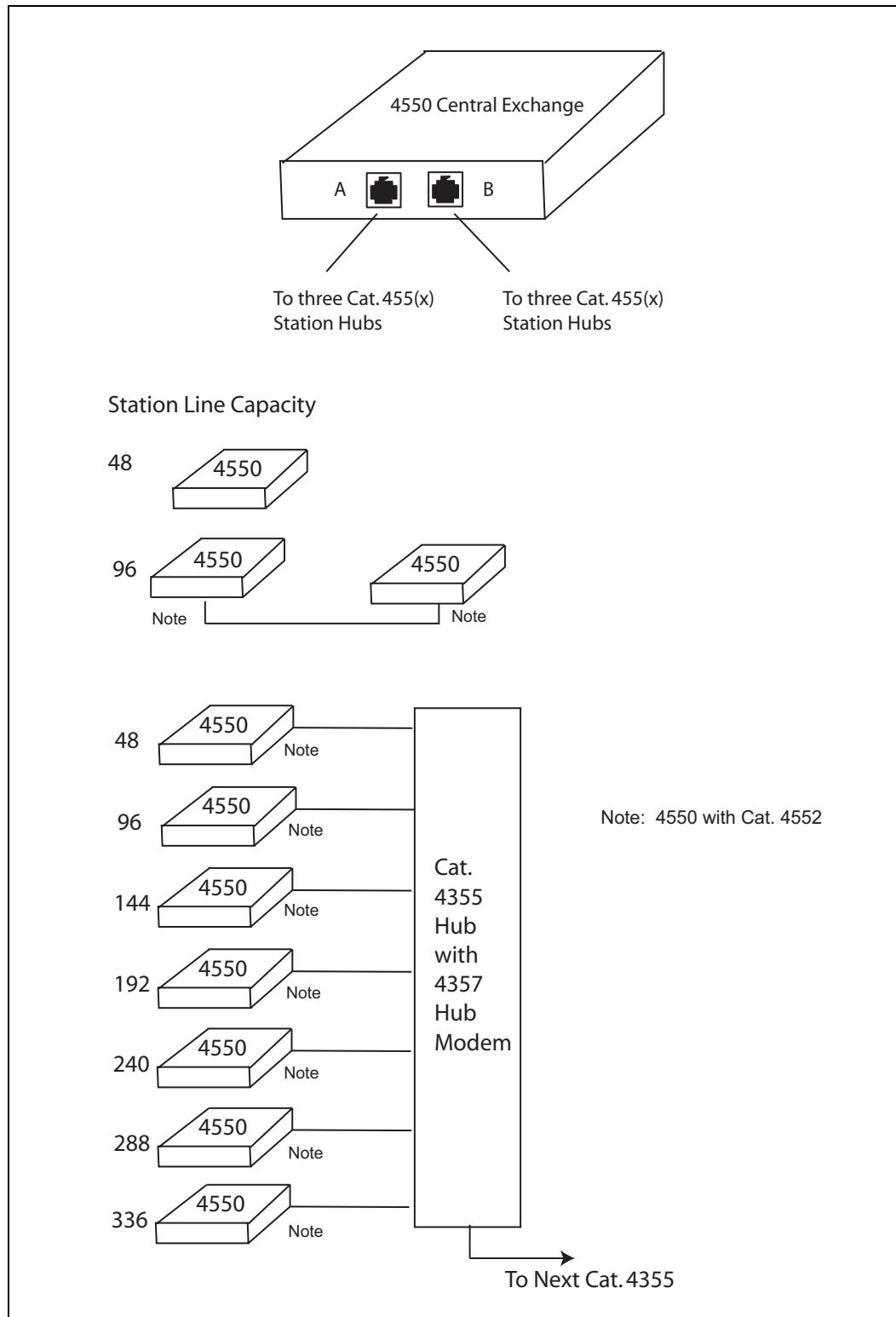


Figure 3.27: Spectrum 430/430 IP Elevator Car Substation

**Figure 3.28: Spectrum 430 IP System Capacity**

