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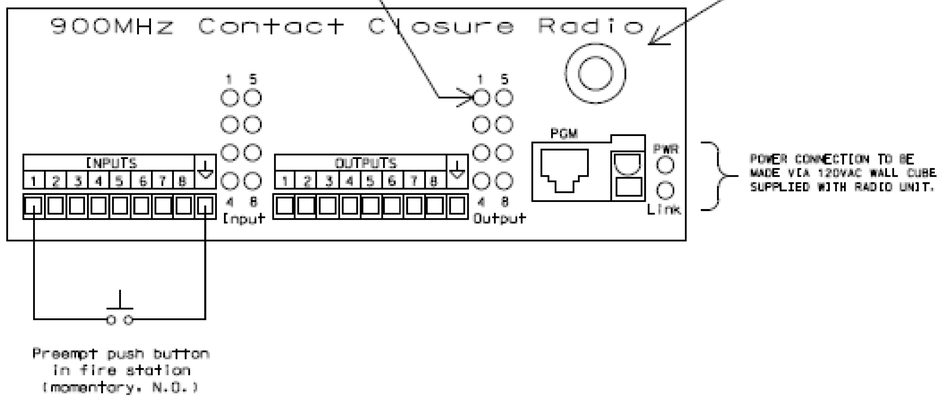
PROJECT REFERENCE NO.	SHEET NO.
R-5735	SIG-2.3

FIRE STATION

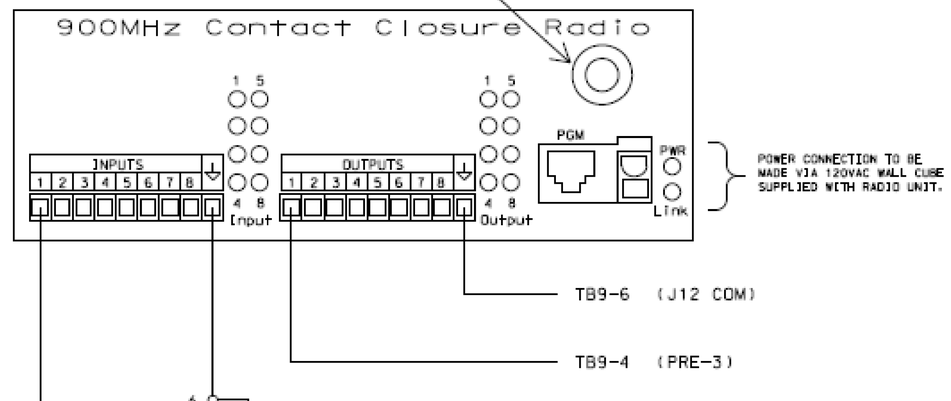
OUTPUT 1 INDICATOR IS USED TO CONFIRM THAT THE PREEMPT ACTIVATION SIGNAL FROM THE FIRE STATION WAS RECEIVED BY THE CABINET UNIT AND WILL REMAIN ILLUMINATED FOR THE DURATION OF THE PREEMPTION SEQUENCE.



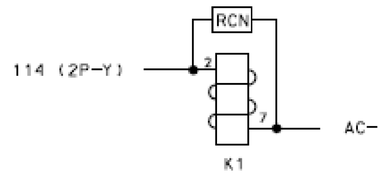
Preempt push button in fire station (momentary, N.O.)

CABINET

DO NOT OPERATE RADIO WITHOUT AN ANTENNA CONNECTED AS DAMAGE TO THE TRANSMITTER MAY RESULT.



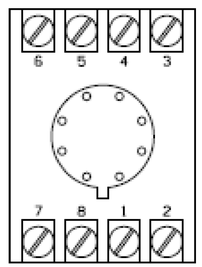
Relay K1 is de-energized under normal operation and is used to activate Input 1 to send a confirmation signal back to the fire station unit during preemption.



NOTES:

1. Relay K1 is an enclosed SPDT general purpose relay with a 120 VAC coil, 10A contacts, and octal style plug (DOT NO. 625028600).
2. The RC Network is valued at 0.1 microfarad, 100 ohm (DOT NO. 106018075).
3. Make sure load switch S3 is installed.
4. Remove, tape, and label conflict monitor wire attached to rear of terminal 114 (2P-Y), if present.

RELAY OCTAL BASE TERMINAL LOCATIONS



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 14-1303
DESIGNED: January 2019
SEALED: 02/28/2019
REVISED: N/A

Electrical Details - Sheet 3 of 3 - Signal Modification

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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ELECTRICAL AND PROGRAMMING DETAILS FOR:

Prepared In the Offices of:
Transportation Mobility and Safety Division
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
Signals Management Section
750 N.Greenfield Pkwy.Garner,NC 27529

US 19/64/74/129
at
Marks Drive/
Old Ranger Road Connector

Division 14 Cherokee County Near Murphy

PLAN DATE: January 2019	REVIEWED BY: Z Harris
PREPARED BY: K M Cory	REVIEWED BY:

REVISIONS	INIT.	DATE

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 038970 ENGINEER KELLY M CORY

DocuSigned by: Kelly M Cory 2/28/2019
SIGNATURE DATE

SIG. INVENTORY NO. 14-1303

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KMCory AT CARYWKCORY