

		PROJECT REFERENCE NO.	SHEET NO.	
			Sig. ⁹	
	NOTES	2016CPT.03.09.10	101, Etc.	
1.	All loop lead-ins shall be twisted.			
2.	Loop spacing is critical to the proper operation of this Overspeed Detection System, Make sure loop spacing is correctly programmed in NQ4 Unit.			
3.	Insure that connectors on rear of NQ4 are seated securely.			
4.	NQ4 Unit shall be located in an auxiliary cabinet adjacent to Dynamic Red Extension System loops,			
5.	Unit power is connected by standard electrical plug.			
6.	Terminal strips TB1, TB2, TB3, & TBD to be added by installer.			
7.	Relay 'K4' is a SPDT with an 120VAC coil. Potter & Brumfield no. KRP5AGAG, Dot Material no. 625028600.			
8.	The RC Network across the coil of 'K4' is a .1 micro farad, 100 ohm. Dot Material no. 106018075. ITW no. 104M060C100			
9.	EDCO SPA-60BS is a surge protector for 120VAC interconnect circuits. Dot Material no. 625022076.			
10.	EDCO SHP300-10 is an AC service surge prote Dot Material no. 625022075.	ector.		
11.	Do not install ground rods at auxiliary cab	vinet.		
12.	Install equipment ground from controller co auxiliary cabinet if not already present.	binet to		

13.	Install	disconnect	if	there	is	no	disconnect	present
	at auxi	liary cabine	e t.					

NORTHSTAR CONTROLS MODEL NQ4								
NOTE: FOR	UNIT MUST BE PROGRAMMED USING PC AND HYPERTERMINAL PROG CONNECTION TO HYPERTERMINAL REFER TO NO4 OPERATION MANU/	RAM. AL.						
PF	PROGRAM NO4 BY TYPING THE FOLLOWING COMMANDS							
	1. SET SPEED=50							
	2. SET LENGTH=1'							
	3. SET ALARMTIME=5							
	4. SET SEPARATION=16' (LEADING EDGE TO LEADING EDG (THIS VALUE MAY VARY, PROGRAM ACTUAL MEASURED SEPARATION	;Ε))						
	5. SET LOOP LENGTH=6' (THIS VALUE MAY VARY, PROGRAM ACTUAL MEASURED LOOP LENGTH)						
	6. SAVE							
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ALARM LOG NO	E: WHEN DYNAMIC RED EXTENSION SYSTEM] 2						
	DETECTS A VIOLATION, A SPECIAL FUNCTION 2 ALARM IS RECORDED WITHI OASIS ALARM LOG (WITH TIME AND DAT	N THE E STAMP).						
gnal Upgrade - Sh	leet 8 of 10							
FRICAL AND PROGRAMMING DETAILS FOR:	US 17	SEAL						
Pressared in the Officer of.	at	HITH CARO						
Nobility and	NC 904 (Longwood Road/	POFESSION T						
LOUR REAL REAL REAL REAL REAL REAL REAL REA	Seaside Road)	SEAL 008453						
	Division 3 Brunswick County Grissettown PLAN DATE: December 2012 REVIEWED BY:	WGINEER						
F S S	PREPARED BY: S. Armstrong REVIEWED BY:	T. ROWE SIL						
57 11 Management Section	REVISIONS Departure (WCA) DATE	DocuSigned by:						
Greenfield Pkwy.Garner.NC 27529		641D60C145EE4F5 DATE						
		SIG. INVENTORY NO. 03-0342						