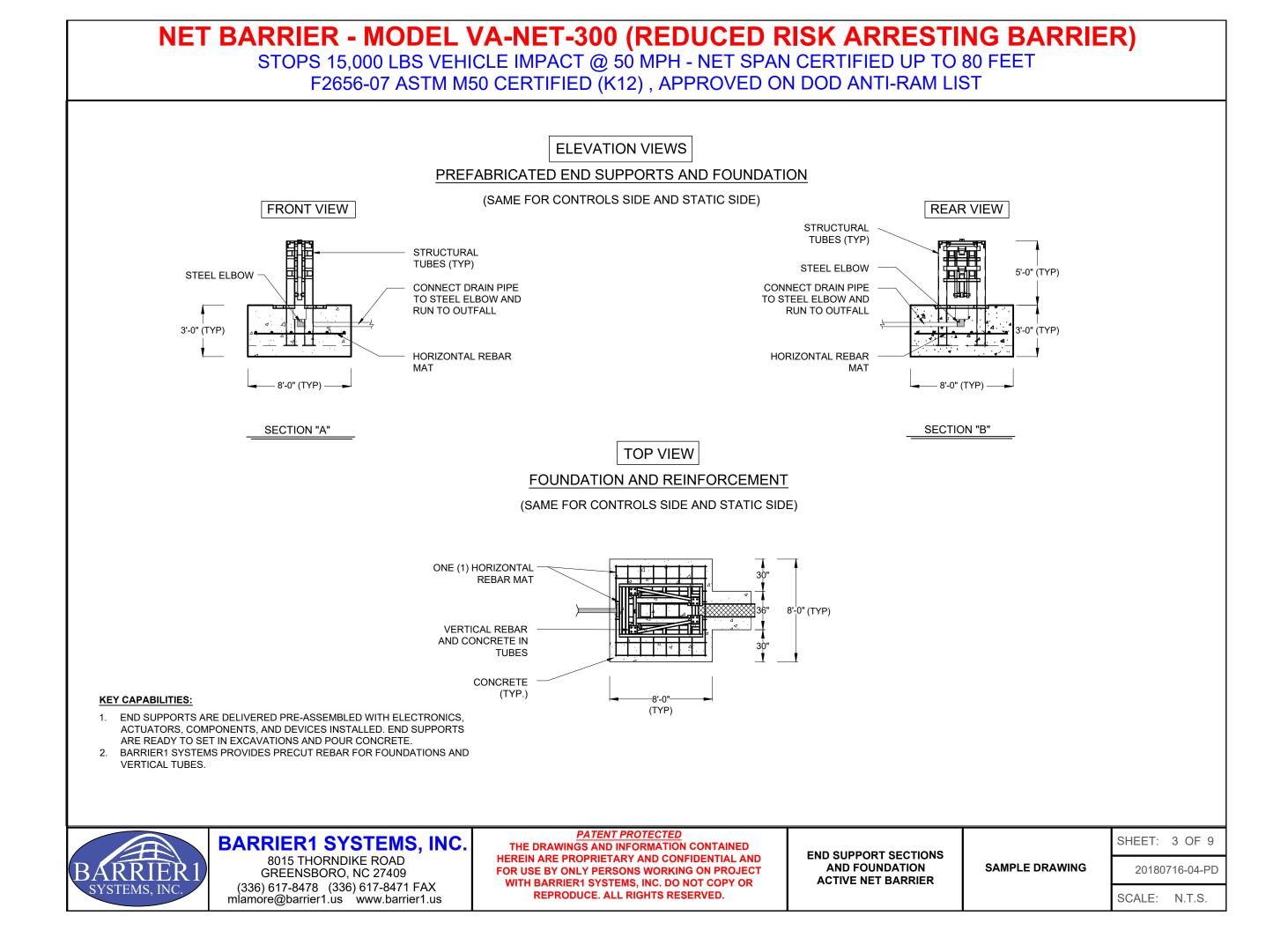
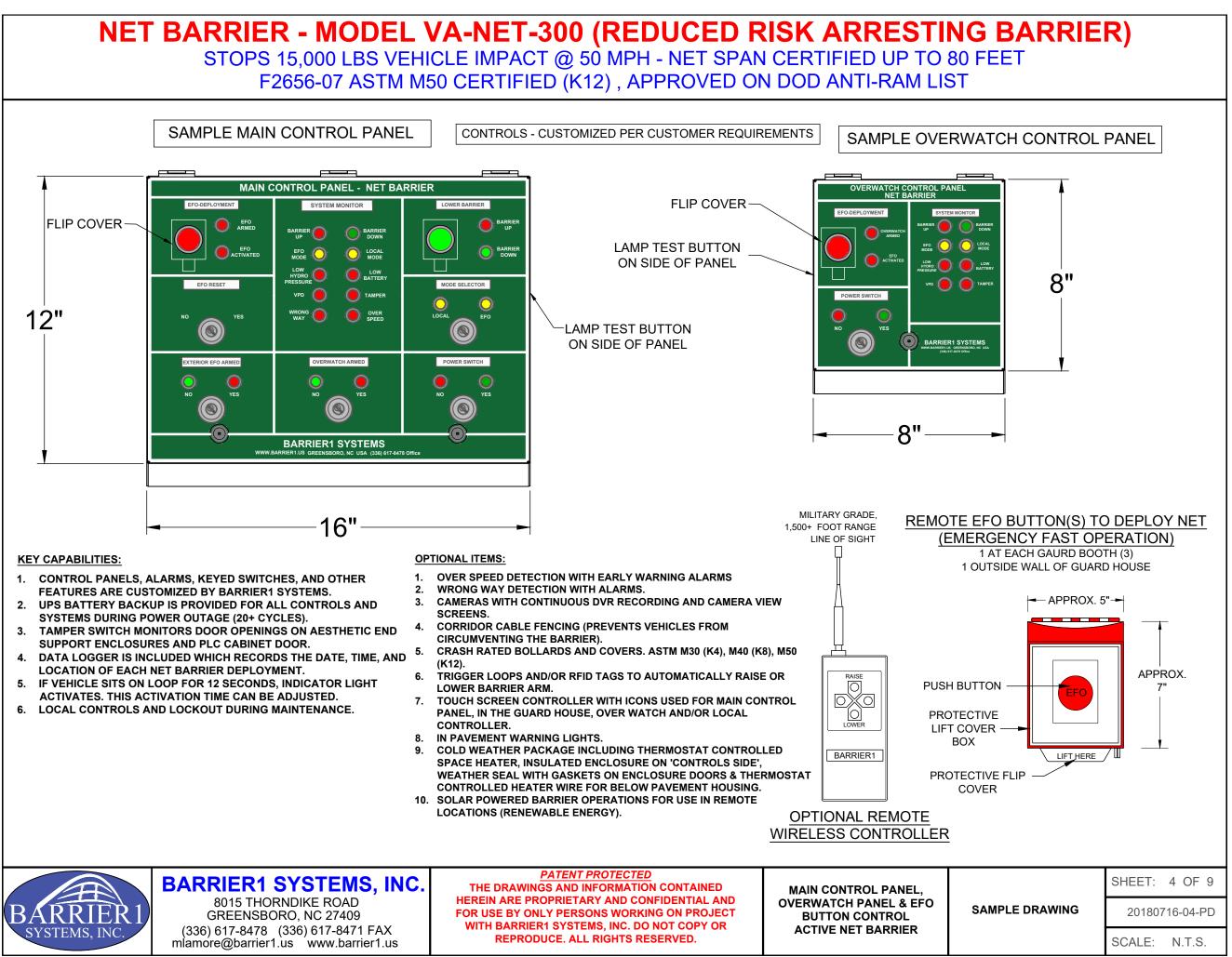
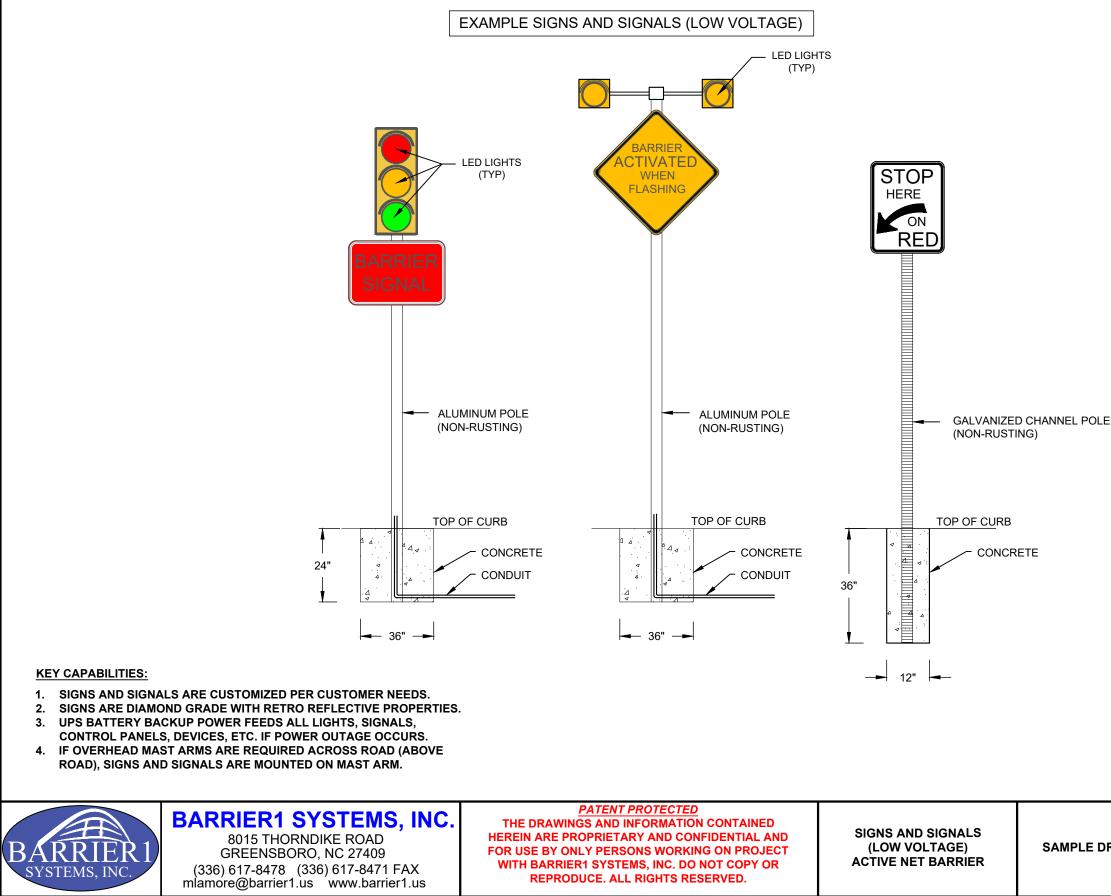


G BARRIER) FEET							
- CONTROL SIDE END SUPPORT WITH NON-RUSTING ALUMINUM ENCLOSURE - BACKUP DC WINCH AS SECONDARY							
DEVICE TO RAISE OR LOWER NET							
8'-0" SIDE END SUPPORT							
DE LID IMMEDIATELY OPENS CLOSES DURING ACTIVATION							
ED HOOKS (TYP.) BELOW PAVEMENT HOUSING FOUNDATION							
WELDED CHANNEL FOR HEATER WIRE (OPTIONAL)							
	SHEET: 2 OF 9						
SAMPLE DRAWING	20180716-04-PD						
	SCALE: N.T.S.						



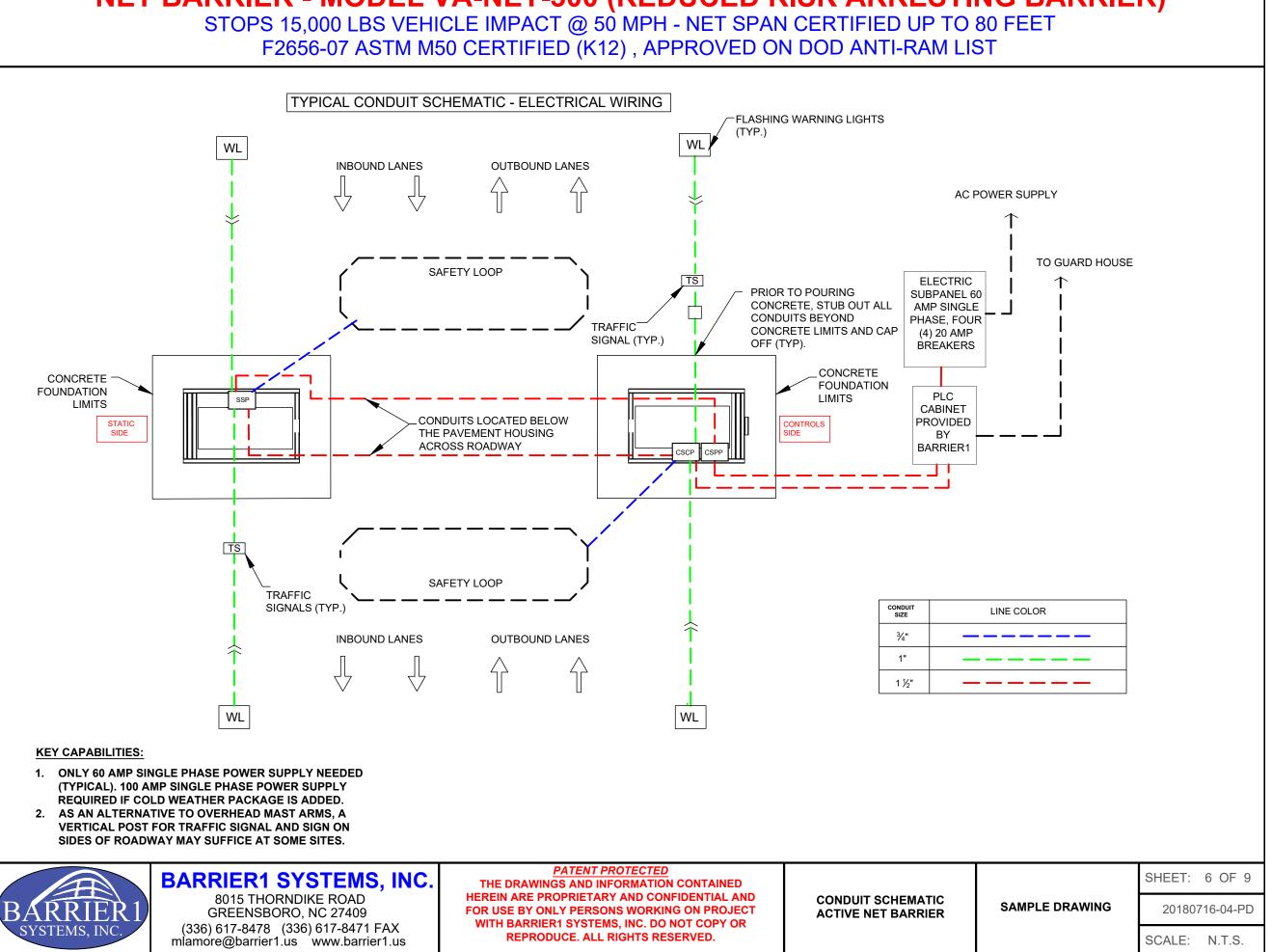


NET BARRIER - MODEL VA-NET-300 (REDUCED RISK ARRESTING BARRIER) STOPS 15,000 LBS VEHICLE IMPACT @ 50 MPH - NET SPAN CERTIFIED UP TO 80 FEET F2656-07 ASTM M50 CERTIFIED (K12), APPROVED ON DOD ANTI-RAM LIST



	SHEET: 5 OF 9				
SAMPLE DRAWING	20180716-04-PD				
	SCALE: N.T.S.				

NET BARRIER - MODEL VA-NET-300 (REDUCED RISK ARRESTING BARRIER) STOPS 15,000 LBS VEHICLE IMPACT @ 50 MPH - NET SPAN CERTIFIED UP TO 80 FEET



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F2656-07 ASTM M50 CERTIFIED (K12), APPROVED ON DOD ANTI-RAM LIST

TYPICAL SEQUENCING OF TRAFFIC SIGNALS, WARNING LIGHTS, AND ALARMS UPON ACTIVATION

	OPERATIONAL SEQUENCING FOR EMERGENCY FAST OPERATION (MIN FOR SAFETY - 25 MPH (40KPH) DESIGN SPEED)											
	TRAFFIC CONTROL	-	1	2	3	4	5	6	7	8	9	10
		NORMAL OPS	GUARD PERCEPTION AND REACTION TIME TO THREAT (EFO BUTTON)			YELLOW CHANGE (MUTCO MINIMUM)		ALL RED SAFETY	DEPLOYING BARRIER		THREAT CONTAINED	
CONVENTIONAL TRAFFIC	WARNING SIGN WITH BEACONS	DARK	DARK	DARK	DARK	ALT FY	ALT FY	ALT FY	ALT FY	ALT FY	ALT FY	ALT FY
SAFETY CONTROL SYSTEM	HYBRID BEACON	DARK	DARK	DARK	DARK	STEADY YELLOW	STEADY YELLOW	STEADY YELLOW	ALT FR	ALT FR	ALT FR	ALT FR
	TRAFFIC SIGNAL	G	G	G	G	Y	Y	Y	R	R	R	R
	IN-ROADWAY LIGHTS OR ON BARRIER	DARK	DARK	DARK	DARK	DARK	DARK	DARK	FR	FR	FR	FR
	ACTIVE VEHICLE BARRIER	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	ACTIVATED	ACTIVATED	DEPLOYED

2. THE ABOVE SEQUENCING AND TIMING OF SIGNALS, ALARMS AND LIGHTS CAN BE FIELD MODIFIED USING PLC.

NO	TES:
1.	BARRIER IS DEPLOYED WITHIN 6 SECONDS AFTER GUARD HITS BUTTON. WITH 3 SECONDS OF WARNINGS

AND CLEARANCE TIME.

KEY: R = RED

Y = YELLOW

G = GREEN

FY = FLASHING YELLOW

ALT = ALTERNATING



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SEQUENCING OF TRAFFIC LIGHTS, WARNING LIGHTS AND ALARMS **ACTIVE NET BARRIER**

SHEET: 7 OF 9 SAMPLE DRAWING 20180716-04-PD SCALE: N.T.S.







