

POINT TO POINT WIRE RUNNING LIST

FROM	WIRE SIZE (AWG)	WIRE CODE	TO
120VAC, BREAKER, LINE	12	C	ATON PWR SPLY, PIN C
120VAC, NEUTRAL BUS	12	C	ATON PWR SPLY, PIN B
120VAC, GROUND BUS	12	C	ATON PWR SPLY, PIN A
ATON PWR SPLY, PIN A	12	B	VRB-25, LAMP (+)
ATON PWR SPLY, PIN B	12	B	VRB-25, LAMP (-)
VRB-25, LAMP (+)	18	A	VRB-25, MOTOR (+)
VRB-25, LAMP (-)	18	A	VRB-25, MOTOR (-)

WIRE CODES:

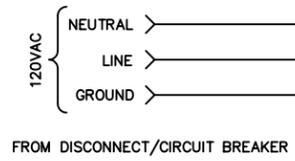
- A. SINGLE CONDUCTOR STRANDED, THWN INSULATION.
- B. TWO CONDUCTOR STRANDED, THWN INSULATION.
- C. THREE CONDUCTOR STRANDED, THWN INSULATION.

NOTES:

1. INSTALL A/N POWER SUPPLY AS CLOSE TO MAIN LIGHT AS POSSIBLE OR USE LOW VOLTAGE DROP KIT.
2. CONNECTORS PROVIDED WITH POWER SUPPLY ARE MADE UP WITH 10' PIGTAILS.

BILL OF MATERIALS

ITEM	TYPE	SOURCE OF SUPPLY
ROTATING BEACON, 12VDC	VRB-25	G-SEC-2
HI-WATTAGE FLASHER	CG-481	G-SEC-2
DAYLIGHT CONTROL	TYPE-L	ELC
HW ATON POWER SUPPLY	12VDC, 25A	G-SEC-2
LOW VOLTAGE DROP KIT	LVDK	G-SEC-2



REV.	DATE	APPR.	DESCRIPTION	BY
DESIGNED:	KMD		U.S. COAST GUARD HEADQUARTERS CIVIL ENGINEERING STANDARD AID TO NAVIGATION CAT V (120VAC) ATON POWER SUPPLY/VRB-25 LIGHTHOUSE SYSTEM	
DRAWN:	KMD			
TRACED:				
CHECKED:	JG, CA			
REVIEWED BY:				
REVIEWED BY:				
H.R. CLEVELAND				
G-SEC-2A				
REVIEWED BY:				
R.J. LEGIER				
G-SEC-2				
			J. A. RAUCH	DATE 7/31/97
			CHIEF, OFFICE OF CIVIL ENGINEERING	
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES. TOLERANCES: DIM. ANG.			DRAWING NUMBER 130427	REV.
			SCALE: NONE	SHEET 1 OF 1