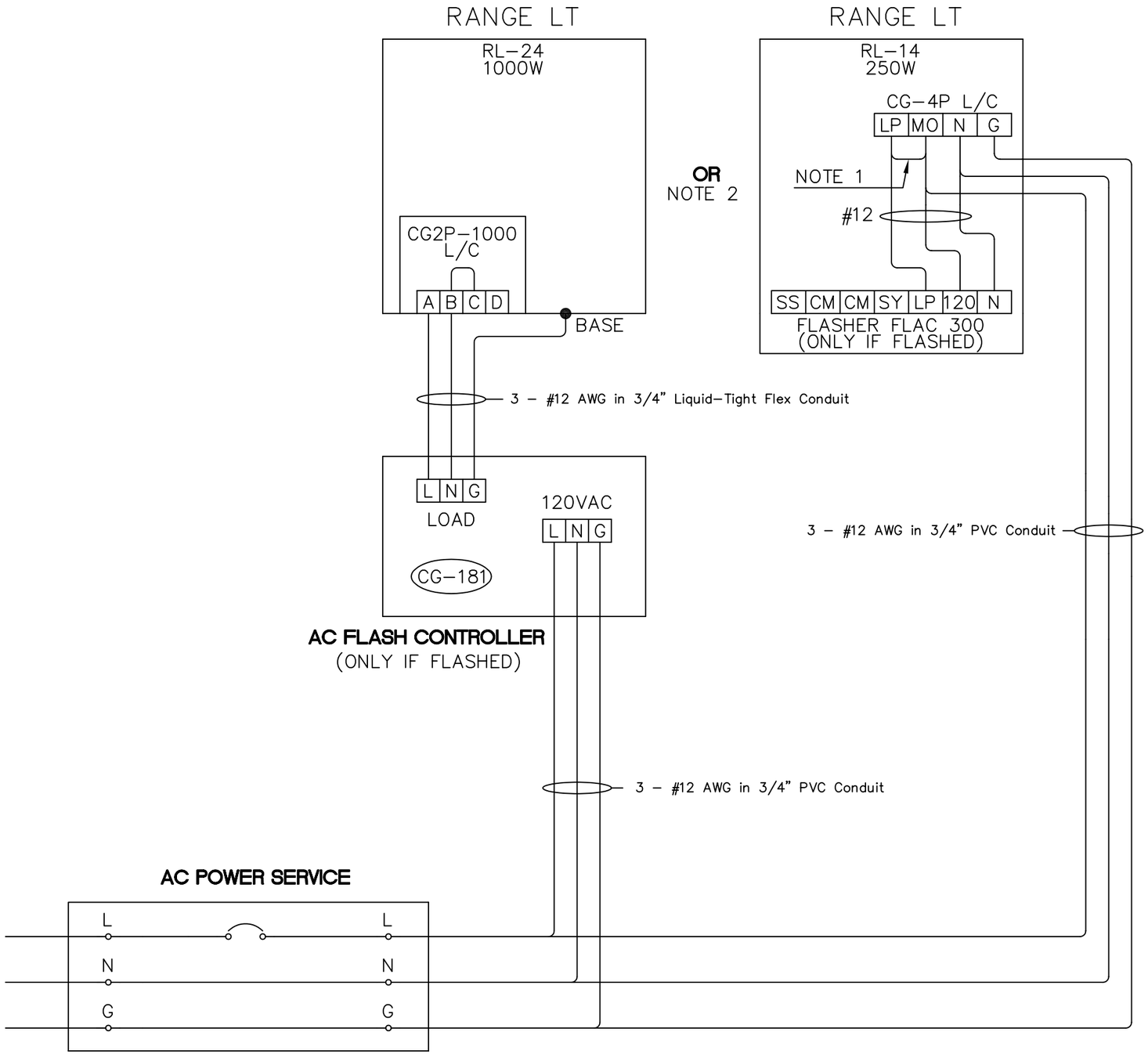

POINT TO POINT WIRE RUNNING LIST

FROM	WIRE SIZE (AWG)	MAX DISTANCE (FT)	TO
AC POWER SERVICE (L)	12	126	AC FLASH CONTROLLER, 120VAC(L)
AC POWER SERVICE (N)	12	126	AC FLASH CONTROLLER, 120VAC(N)
AC POWER SERVICE (G)	12	126	AC FLASH CONTROLLER, 120VAC(G)
AC FLASH CONTROLLER, LOAD(L)	12		RANGE LT, RL-24, CG2P-1000(A)
AC FLASH CONTROLLER, LOAD(N)	12		RANGE LT, RL-24, CG2P-1000(B)
AC FLASH CONTROLLER, LOAD(G)	12		RANGE LT, RL-24, BASE
RANGE LT, RL-24, CG2P-1000(B)	JUMPER		RANGE LT, RL-24, CG2P-1000(C)
AC POWER SERVICE (L)	12	517	RANGE LT, RL-14, CG-4P(MO)
AC POWER SERVICE (N)	12	517	RANGE LT, RL-14, CG-4P(N)
AC POWER SERVICE (G)	12	517	RANGE LT, RL-14, CG-4P(G)
RANGE LT, RL-14, CG-4P(LP)	12		RANGE LT, RL-14, FLAC 300(LP)
RANGE LT, RL-14, CG-4P(MO)	12		RANGE LT, RL-14, FLAC 300(120)
RANGE LT, RL-14, CG-4P(N)	12		RANGE LT, RL-14, FLAC 300(N)

BILL OF MATERIALS

ITEM	TYPE	SOURCE OF SUPPLY	QUANTITY
AC FLASH CONTROLLER	ACFC	G-SEC	1(ONLY IF FLASHED)
RANGE LT, RL-24	CARLISLE & FINCH	G-SEC	1
2 PLACE LAMP CHANGER	CG2P-1000	ELC	1
LAMPS	1000W	ELC	2
OR	**OR**	**OR**	**OR**
RANGE LT, RL-14	CARLISLE & FINCH	ELC	1
4 PLACE LAMP CHANGER	CG-4P	TIDELANDS	1
120VAC FLASHER	FLAC 300	TIDELANDS	1(ONLY IF FLASHED)
LAMPS	250W	ELC	4

NOTES:

1. REMOVE THIS JUMPER IF FLASHED.
2. YOU MAY CHOOSE EITHER SYSTEM.
3. RANGE LANTERN, BEAM WIDTH, AND LAMPS DETERMINED BY INTENSITIES RECOMMENDED BY THE RANGE DESIGN PROGRAM.
4. ALL WIRE RUNS SHALL BE ENCLOSED IN APPROPRIATELY SIZED RIGID OR LIQUID-TIGHT FLEX CONDUIT AS INDICATED TO FORM A WEATHERTIGHT SYSTEM AND PROTECT ELETRICAL COMPONENTS FROM THE ELEMENTS.

REV.	DATE	APPR.	DESCRIPTION	BY
A	12/03	JTG	ADDED CONDUIT AND NOTE 4.	KMD

DESIGNED: STN
DRAWN: STN
TRACED:
CHECKED: KA/JTG
REVIEWED BY: H.R. CLEVELAND G-SEC-2A
REVIEWED BY: L.E. JAEGER G-SEC-2
REVIEWED BY:

U.S. COAST GUARD HEADQUARTERS
CIVIL ENGINEERING

STANDARD AID TO NAVIGATION

COMMERCIAL 24 HOUR RANGE
(RANGE CATEGORY C-24)

APPROVED: CAPT J.A. RAUCH
CHIEF, OFFICE OF CIVIL ENGINEERING
DATE 5/8/97

UNLESS OTHERWISE SPECIFIED:
ALL DIMENSIONS ARE IN INCHES.
TOLERANCES: DIM.
ANG.

DRAWING NUMBER 130502 REV. A
SCALE: NONE SHEET 1 OF 1

PLOTTING SCALE: