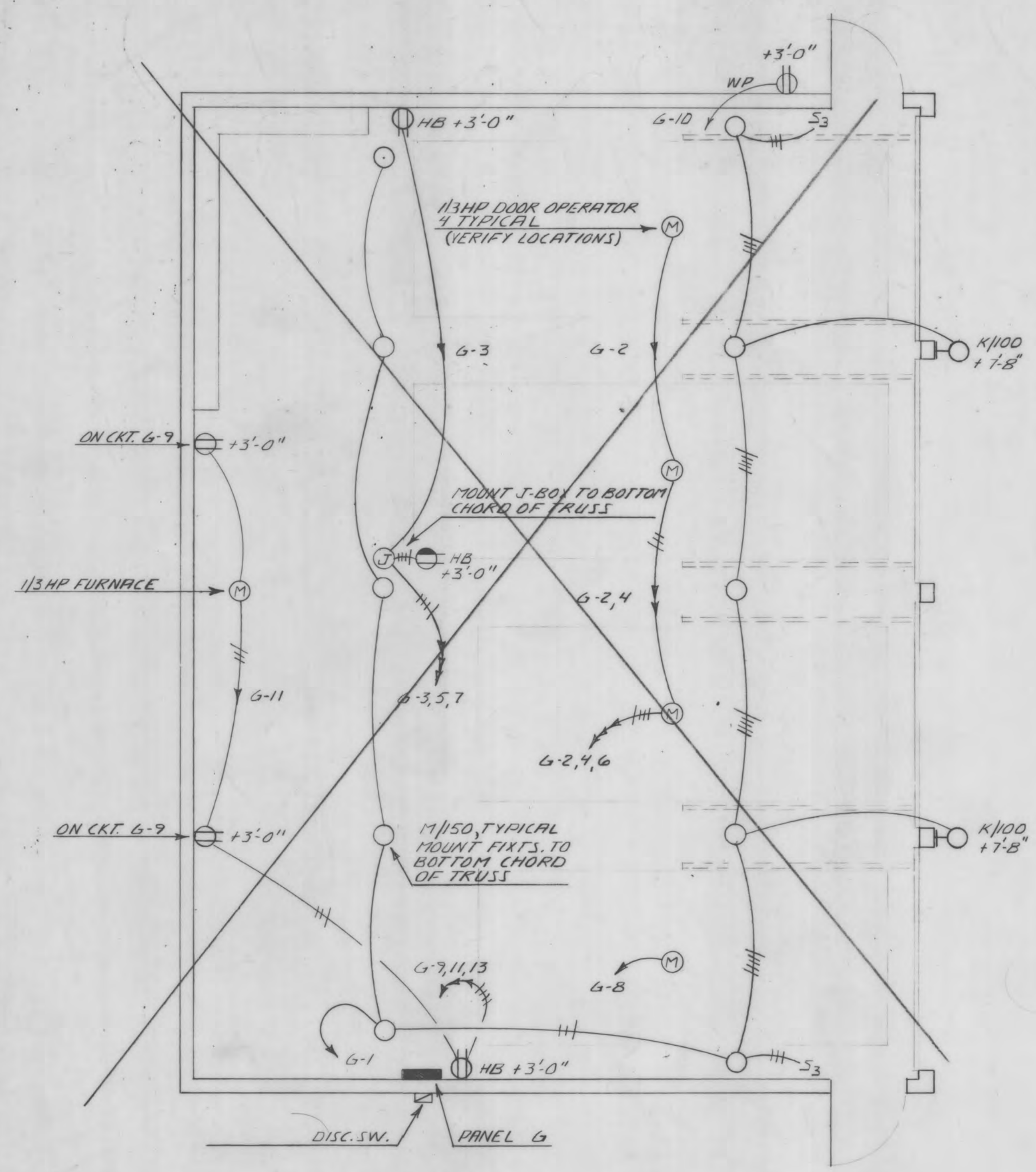

GARAGE LIGHTING & POWER PLAN (ALTERNATE NO. 2)
SCALE 1/4" = 1'-0"

PLAN NORTH

PANEL G (BID ITEM NO.12) 20 CKT 120/208 V. 4 W 3 Ø MAINS 100A MLO 10,000 A.I.C. SURFACE MTD.

LOAD	WATTAGE ØA	ØB	ØC	CKT	A B C	CKT	WATTAGE ØA	ØB	ØC	LOAD
LIGHTING	1800			1		2	828			1/3 H.P. DOOR MOTOR
HEADBOLT HTR. OUTLET IN GARAGE		1500		3		4		828		1/3 H.P. DOOR MOTOR
HEADBOLT HTR. OUTLET IN GARAGE			1500	5		6			828	1/3 H.P. DOOR MOTOR
HEADBOLT HTR. OUTLET IN GARAGE	1500			7		8	828			1/3 H.P. DOOR MOTOR
CONVENIENCE OUTLETS		360		9		10		180		EXTERIOR OUTLET
1/3 H.P. FURNACE MOTOR			828	11		12				SPACE ONLY
HEADBOLT HTR. OUTLET IN GARAGE	1500			13		14				SPACE ONLY
SPARE		1000		15		16				SPACE ONLY
SPARE			1000	17		18				SPACE ONLY
SPACE ONLY				19		20				SPACE ONLY

PANEL A 84 CKT. 120/208 V. 4 W 3 Ø MAINS 400A MLO 22,000 A.I.C. SURFACE MTD.

LOAD	WATTAGE ØA	ØB	ØC	CKT	A B C	CKT	WATTAGE ØA	ØB	ØC	LOAD
LTG. IN RMS. 17, 18 & 19	1600			1		2	1032			LTG. IN RM. 16
LTG.IN RMS. 20,21 & 01		1590		3		4		1032		LTG. IN RM. 16
INCANDESCENT LTG.IN RMS.13 & 16			1180	5		6			1032	LTG. IN RM. 13
LTG. IN RMS. 11 & 12	1410			7		8	1032			LTG. IN RM. 13
LTG. IN RMS.02,03,09,10,14 & 15		1820		9		10		1230		LTG.IN RMS. 04, 05
EXTERIOR LTG.			1464	11		12			1380	LTG.IN RMS. 06,07 & 08
CONV.OUTLETS IN RMS.17,18 & 19	1080			13		14	540			CONV.OUTLETS IN RMS.17 & EXTERIOR
CONV.OUTLETS IN RMS. 19 & 20		1080		15		16		360		CONV.OUTLETS OVER COUNTER IN RM.16
CONV.OUTLETS IN RM. 21			720	17		18			720	CONV.OUTLETS IN RMS.13,15 & 16
CONV.OUTLETS IN RMS.03, 04& EXTERIOR	720			19		20	360			CONV.OUTLETS IN RMS. 12 & 14
1/3 HP(CUH-1) RM. 01 & 1/4 HP WTR. CLR. RM. 03		896		21		22		540		CONV.OUTLETS IN RM. 16
1/3 HP (CUH-3) IN RM. 02			864	23		24			540	CONV.OUTLETS IN RM.16 & EXTERIOR
CONV.OUTLETS IN RMS.04,05 & 06	1080			25		26	1380			HAND DRYER IN RM. 05
HAND DRYER IN RM. 06		1380		27		28		1380		HAND DRYER IN RM. 05
CONV,OUTLETS IN RM.13 & EXTERIOR			720	29		30			7000	WALL OVENS IN RM. 12
CONV.OUTLETS IN RMS. 12 & 13	540			31	45	32	7000			WALL OVENS IN RM. 12
1/6 HP (EF-1) ON ROOF (ADD. #1)		864		33		34		1000		CONV.OUTLET IN RM. 12
DISHWASHER IN RM. 12			1200	35		36			1795	REFRIGERATOR IN RM. 12
CONV. OUTLET IN RM. 12	1000			37		38	900			CONV.OUTLETS IN RM.11 & EXTERIOR
1/30 HP (CUH-2) IN RM. 10		200		39		40		180		TELEPHONE EQUIP.OUTLET IN RM. 08
1/6 HP(CP-1)& 1/12 HP(CP-2)RM. 07			792	41		42			672	1/8 HP (WH-1) & 1/12 HP (CP-3) IN RM. 07
1/6 HP Boiler (B-1) in RM.07	528			43	15	44	1440			1/2 HP (FCU) & 1/12 HP(CP-4)in RM.07
CONV.OUTLETS IN RMS.07 & 08		368		45		46		12,300		12.3 KW RANGE IN RM. 12
HEADBOLT HEATER OUTLET *			1000	47		48			12,300	12.3 KW RANGE IN RM. 12
HEADBOLT HEATER OUTLET *	1500			49	50	50	12,300			12.3 KW RANGE IN RM. 12
HEADBOLT HEATER OUTLET *		1500		51		52		1500		HEADBOLT HEATER OUTLET ON POST(ALT.#4)
HEADBOLT HEATER OUTLET *			1500	53		54			1500	HEADBOLT HEATER OUTLET ON POST(ALT.#4)
PANEL G	6456			55		56	1500			HEADBOLT HEATER OUTLET ON POST(ALT.#4)
PANEL G		3868		57		58		1500		HEADBOLT HEATER OUTLET ON POST(ALT.#4)
PANEL G			4156	59	60	60			1500	HEADBOLT HEATER OUTLET ON POST(ALT.#4)
1 HP DOOR MOTOR IN RM.13(ALT.#3)	504			61		62	1500			HEADBOLT HEATER OUTLET ON POST(ALT.#4)
1 HP DOOR MOTOR IN RM.13(ALT.#3)		504		63		64		100		SPRINKLER ALARM
1 HP DOOR MOTOR IN RM.13(ALT.#3)			504	65	15	66				HAND DRYER IN 06
						68				POWER TO CONTROL PANEL

THIS PANEL IN TWO SECTIONS - EACH SECTION TO HAVE 42 BRANCH CIRCUIT POLES.

*IF ALTERNATE #4 IS TAKEN, THEN THESE BREAKERS BECOME SPARES.

PANEL SCHEDULE NOTES

1. ALL BREAKERS 20A-1P UNLESS OTHERWISE INDICATED.
2. PROVIDE 20A-1P BREAKERS IN ALL PLACES MARKED "SPARE".
3. REMAINING SPACES BLANK, TO MAKE TOTAL NUMBER OF CIRCUITS INDICATED ON PANEL.

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CITY OF FAIRBANKS
SENIOR CITIZENS RECREATION
& NUTRITION CENTER

GARAGE PLAN & PANEL SCHEDULES

REBID

SHT = GARAGE PLAN & PANEL SCHEDULES

E-4
REBID

SHT =
DWN CE CKD RBB
DATE 2/22/80 PROJ =

E-4

STATE OF ALASKA
49TH
Robert B. Boswell
NO. 2284-E
E.E.
REGISTERED PROFESSIONAL ENGINEER

MICROFILMED
DATE: 12/88
MICROFILM NUMBER:
C60-147

ENG2170.TIF