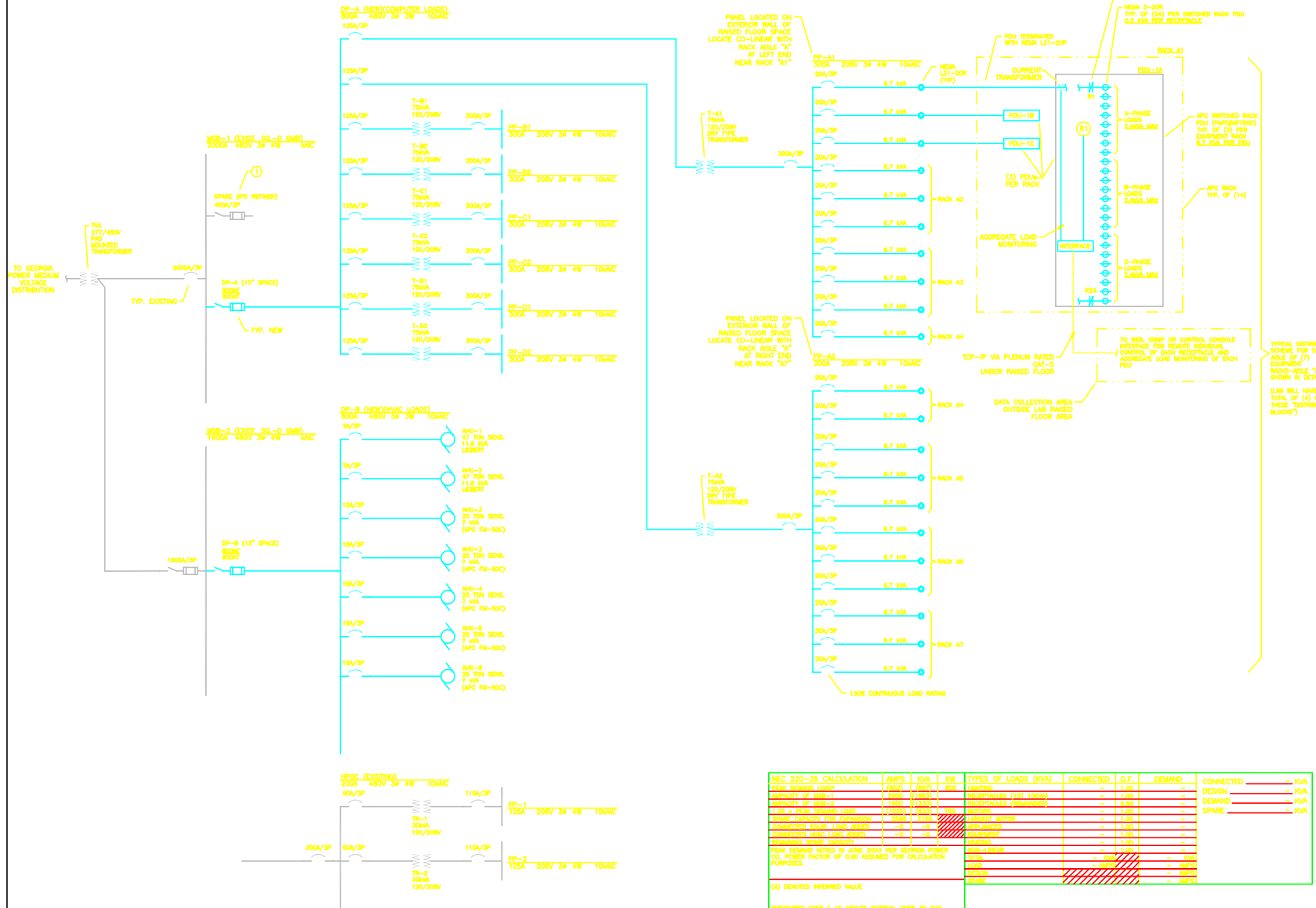


REFERENCE NOTES:

① SQUARE-D "QMB" FUSIBLE SWITCH UNIT - TYPICAL



DO NOT SCALE DRAWING. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND CHECK DIMENSIONS OF ANY EXISTING OR EXISTING, NO VARIATIONS OR MODIFICATIONS TO SHOW FROM DRAWING. BE RESPONSIBLE FOR THE ACCURACY OF ALL DIMENSIONS. ALL DIMENSIONS SHALL BE AS SHOWN UNLESS OTHERWISE NOTED OTHERWISE. ALL DIMENSIONS SHALL BE AS SHOWN UNLESS OTHERWISE NOTED OTHERWISE. ALL DIMENSIONS SHALL BE AS SHOWN UNLESS OTHERWISE NOTED OTHERWISE. PROPERTY OF MORRISON HERSFIELD CORPORATION.

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0 9.19.03 PRELIMINARY SKETCHES

No. Date Action



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Project: **CEETHERM LAB**
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Drawing Title:
ELECTRICAL ONE LINE DIAGRAM

Scale: NONE Project No. 01639 CE
Designer: MW Date: 10/06/03
Drawn By: MW Checked By: MW
Drawing File: Client Approval

Issue No. 0
Drawing No. E-4

NEC 220-35 CALCULATION	AMPS	KVA	KW	TYPES OF LOADS (KVA)	CONNECTED	D.F.	DEMAND	CONNECTED	DEMAND
BASE DEMAND LOAD	1000	1440	1100	RESISTIVE	1000	1.00	1000	1000	1000
ALARMY OF 100-1	1000	1440	1100	INDUCTIVE (EST. 100%)	1000	1.00	1000	1000	1000
ALARMY OF 100-2	1000	1440	1100	INDUCTIVE (REMAINER)	1000	1.00	1000	1000	1000
EST. 40% DEMAND LOAD	1000	1440	1100	MOTOR	1000	1.00	1000	1000	1000
SPACE CAPACITY FOR EXPANSION	1000	1440	1100	LARGEST MOTOR	1000	1.00	1000	1000	1000
CONNECTED LOAD (1000)	1000	1440	1100	INDUCTIVE	1000	1.00	1000	1000	1000
CONNECTED LOAD (2000)	1000	1440	1100	INDUCTIVE	1000	1.00	1000	1000	1000
REMAINING SPACE CAPACITY	1000	1440	1100	INDUCTIVE	1000	1.00	1000	1000	1000
PEAK DEMAND MOTOR IN WIRE 200A FOR GEORGIA POWER CO. POWER FACTOR OF 0.80 ASSUMED FOR CALCULATION PURPOSES.	1000	1440	1100	MOTOR	1000	1.00	1000	1000	1000
TOTAL	1000	1440	1100	INDUCTIVE	1000	1.00	1000	1000	1000
LOAD	1000	1440	1100	INDUCTIVE	1000	1.00	1000	1000	1000
DEMAND	1000	1440	1100	INDUCTIVE	1000	1.00	1000	1000	1000
SPACE	1000	1440	1100	INDUCTIVE	1000	1.00	1000	1000	1000

(0) DENOTES INFERRED VALUE
MEASUREMENTS PER 4-10-1984 IFC NATIONAL ELECTRICAL CODE PERIOD.