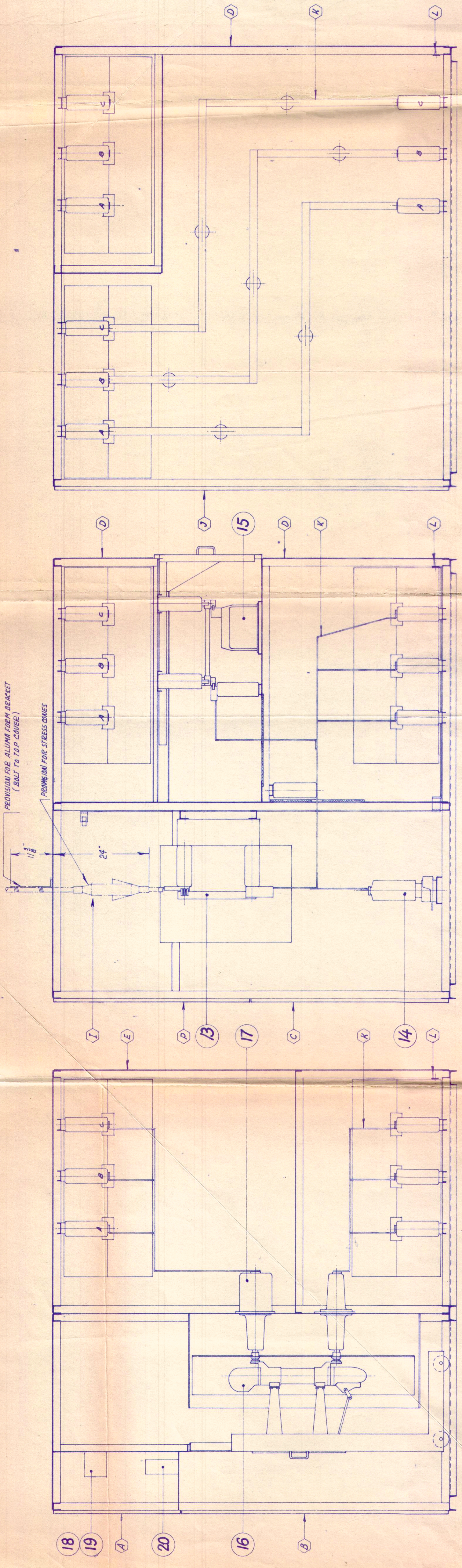


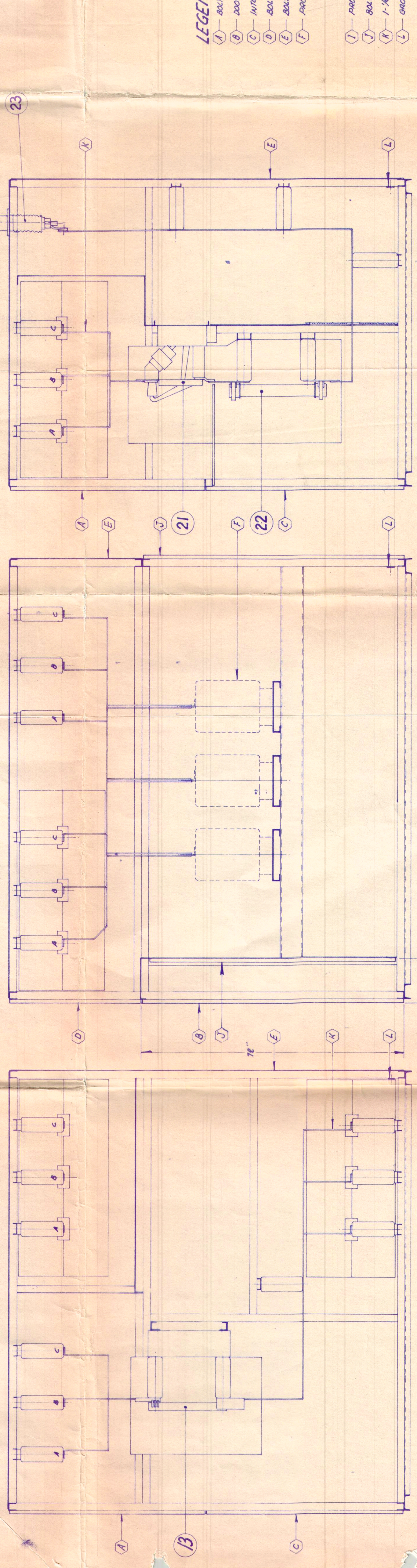
BILL OF MATERIAL	
ITEM	QTY.
13	3
DISCONNECT SWITCH, 1200AMPS, 25KV, 150KV BIL, 3 POLE MANUALLY OPERATED. 3/4" INTER-PHASE BARRIERS. F.A.E. PART NO 305-D-24 (MODIFIED TO 1000 AMP)	
14	6
LIGHTNING ARRESTOR, 21KV, INTERMEDIATE CLASS. SPARKER & SONEN TYPE SHFTCC.	
15	6
POTENTIAL TRANSFORMER, 15KV CLASS, RATIO 14.4/100VOLTS. MOUNTED IN A DOWN-OUT CASE HOUSING. C.C.E. TYPE AVES7C.	
16	2
OIL CIRCUIT BREAKER, 600AMPS, 25KV, 150KV BIL, 600MVA, 3 POLE MANUALLY OPERATED STORED ENERGY TRIP & CLOSE. 3/4" 100V D.C. TRIP COIL BROWN-ROVERI TYPE MV24/24.8.	
17	6
THRU-BUSHING CURRENT TRANSFORMER, 100/5AMPS, 25KV CLASS F.A.E. PART NO 296-1000S.	
18	2
UNDER-VOLTAGE RELAY, 3 PHASE, 100VOL NOMINAL, DROP-OUT AT 75%. F.A.E. TYPE VSD03.	
19	2
TIME DELAY RELAY, 10KV 60HZ. 0-5 SECONDS ON DE-ENERGISE. AGSTRAT TYPE 1000A CAT NO 1002 AB.	
20	1
CHARACTER TRIP UNIT, 10KV 60HZ. (MOUNTED IN CELL NO. 1). F.A.E. TYPE.	
21	9
LOAD BREAK SWITCH, 600AMPS, 25KV, 40KA MOMENTARY RATING 3 POLE MANUALLY OPERATED. 3/4" SINGLE PHASE TRIPS AND INTER-PHASE BARRIERS. F.A.E. TYPE SP4A.	
22	42
CIR. 80E AMPS, 25KV, 600MVA, 150KV BIL (21 TITLED/5 SPARE). TYPE ENP 22 FCPA	
23	27
CABLE TERMINATORS 25 KV CLASS FOR 4/D RW 90 XLPE INSULATED CABLES 3/4" K KIT AND PAD CONNECTOR TYPE GFW REF. PATR 1802 - K2/K2/A 5076 - 192A	



SECTION A-A

SECTION B-B

SECTION C-C



SECTION D-D

SECTION E-E

SECTION F-F

(9 RECORDS)

LEGEND:

- A - BOLTED DOORS
- B - DOORS WITH HANDLE
- C - INTERLOCKED DOOR
- D - BOLTED PANEL
- E - BOLTED PANELS
- F - PROVISION FOR HYDRO METERING UNITS.
- L - PROVISION FOR STRESS CONES.
- J - BOLTED DOOR.
- K - 1" X 1/8" BARE COPPER
- L - GROUND BUS 1/4" BARE COPPER.

FOR ELEVATION VIEWS AND SINGLE LINE DIAGRAM SEE DRAWING 01-07458-E-A

ARCH.	ENG.	PAGEAU, MOREL, LEFEBVRE & ASSOCIES.	CUSTOMER / CLIENT	UNION ELECTRIC SUPPLY CO.	ORDER NO. / COMMAND NO.	56830-0	CONTRACTOR / CONTRACTEUR	57-01-01-07458	LOCATION	HULL, QUEBEC.
DATE	REV.	ITEMS	DATE	REV.	ITEMS	DATE	REV.	ITEMS	DATE	REV.
1/20/76	1	1	1/20/76	1	1	1/20/76	1	1	1/20/76	1
2/10/76	2	2	2/10/76	2	2	2/10/76	2	2	2/10/76	2
3/10/76	3	3	3/10/76	3	3	3/10/76	3	3	3/10/76	3

ITEM 23 ADDITIONAL FOR STRESS CONES

SCALE: 3/8" = 1'-0"

DESIGN: J. P. P. DATE: 10/10/76

CONTROL: J. P. P.

APP. C. G. G. DATE: 10/10/76

TITLE / TITRE

25KV MAIN SWITCHGEAR

01-07458-D-A 3

REPRODUCIBLES: 1

FPE FEDERAL PIONEER

L'EMPREINTE D'ORIGINE GANNETT, QUEBEC.