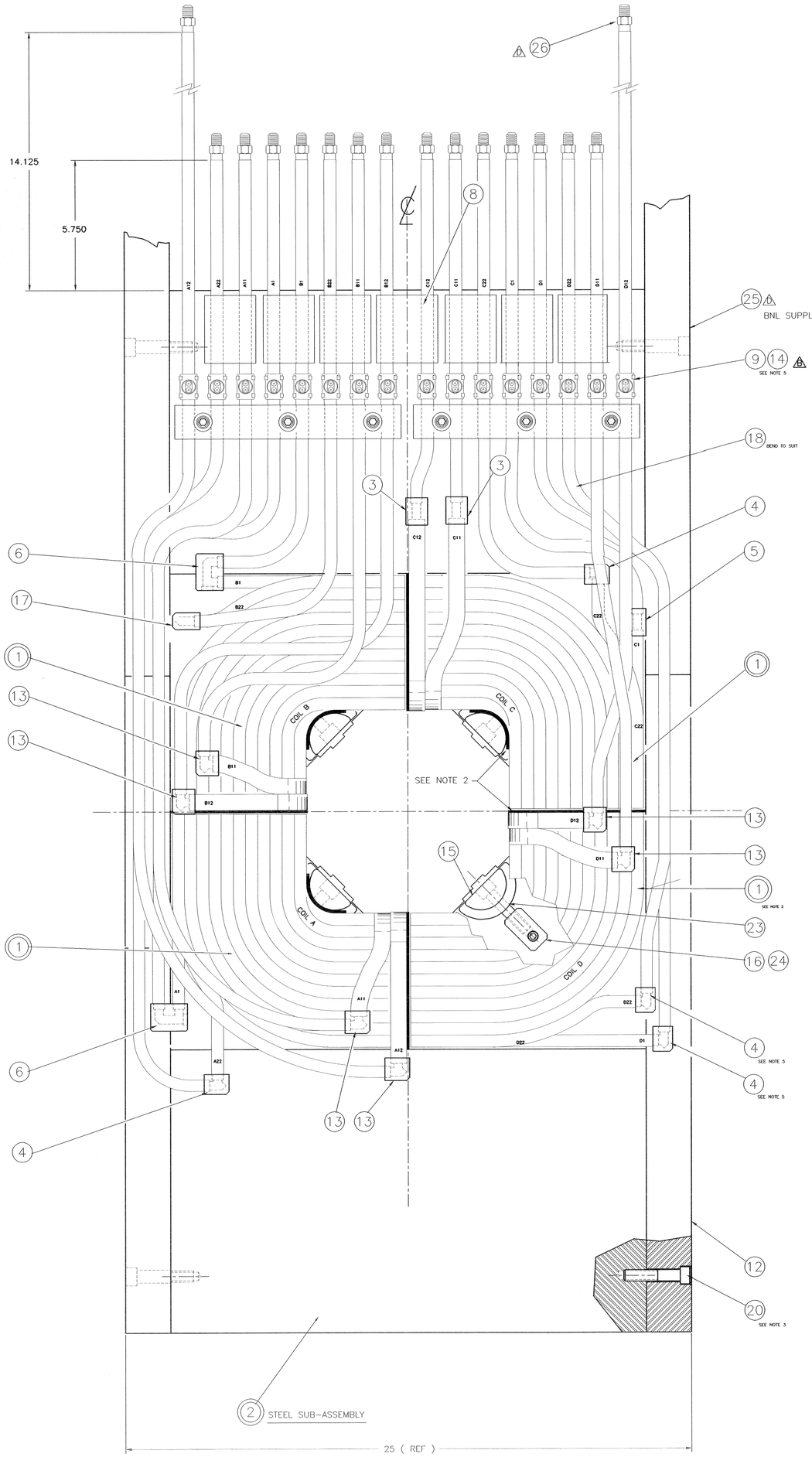
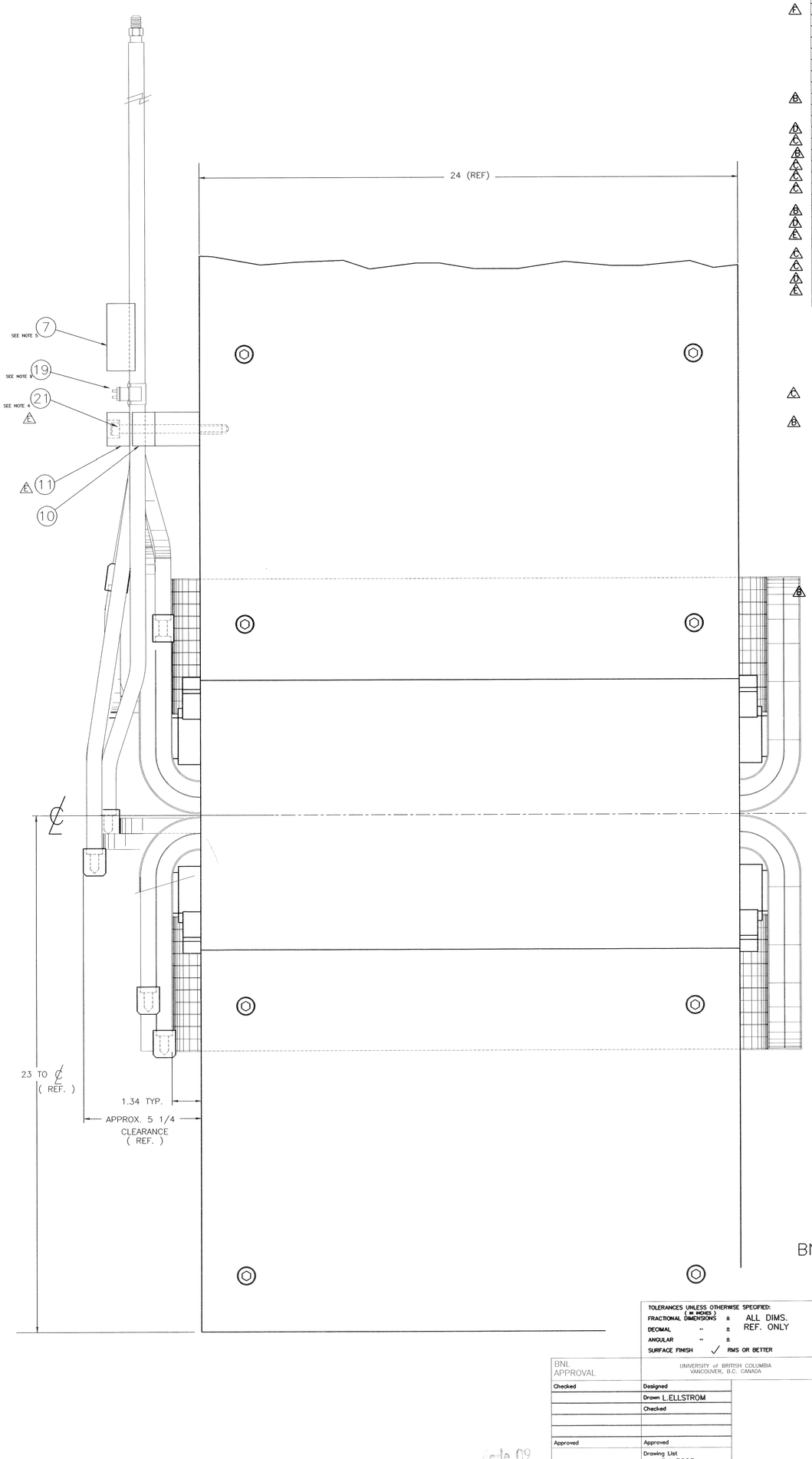




Item	Description	Material	Quan.
1	D-33217 COIL ASSEMBLY	...	4
2	BNL DWG. D-12-M-2820-5 CORE ASSEMBLY	...	1
3	C-30607 ITEM 3	...	2
4	C-30607 ITEM 4	...	4
5	C-30608 ITEM 5	...	1
6	C-30608 ITEM 6	...	2
7	C-30609 ITEM 7	...	6
8	C-30609 ITEM 8	...	1
9	BNL DWG. D12-M4839-1 (BNL SUPPLY)	...	16
10	D-33218 ITEM 10	...	2
11	D-33218 ITEM 11	...	2
12	C-30613 ITEM 12	...	2
13	C-30618 ITEM 13	...	6
14	BNL DWG. D14-M1381-2 (BNL SUPPLY)	...	
15	B-3977 ITEM 15	...	8
16	B-3977 ITEM 16	...	8
17	C-30618 ITEM 17	...	1
18	18 x 12.65 x 9.5ø HOLLOW CONDUCTOR	OFHC COPPER	AS REQ'D
19	KLIXON THERMOSWITCH (BNL SUPPLY)	...	16
20	1/2-13 UNC SOC. HD. CAP SCREW x 2 1/2 LG.	GR.5 STL	16
21	3/8-16 UNC SOC. HD. CAP SCREW x 4 1/2 LG.	"	6
23	1/2-13 UNC SOC. HD. CAP SCREW x 2 LG.	18-8SS	8
24	5/16-18 UNC SOC. HD. CAP SCREW x 1 LG.	"	8
25	SIDE SUPPORT PLATE (SUPPLIED BY BNL)	...	2
26	TUBE COUPLING (SUPPLIED BY BNL)	BRASS	16

NOTES

1. THIS DWG. AND ALL REFERENCED DWGS. TO BE READ IN CONJUNCTION WITH TRIUMF SPECS. 6220-4.
2. COILS TO BE SHIMMED AROUND POLE AND BETWEEN COILS AND UNDER COIL CLAMPS WITH SHEET NEOPRENE.
3. MOUNT SIDE BUMPER PLATES (ITEM 12) BY DRILLING AND TAPPING IN THE APPROX. LOCATION SHOWN ON ASSEMBLY.
4. MOUNT CONDUCTOR BRACKETS (ITEMS 10 & 11) BY DRILLING AND TAPPING ON ASSEMBLY.
5. ALL COPPER TO COPPER JOINTS SHALL BE BRAZED WITHOUT FLUX USING HANDY-HARMON "SIL-FOS" OR APPROVED EQUAL.
6. AFTER ALL BRAZED AND MECHANICAL CONNECTIONS HAVE MADE, PRESSURE TEST WITH AN INTERNAL HYDROSTATIC PRESSURE OF 300 P.S.I.
7. MINIMUM RESISTANCE COPPER TO GROUND SHALL BE MORE THAN 15 MEGOHM @ 1500V.
8. AFTER BENDING, BRAZING AND TESTING, CONDUCTOR TAILS SHALL BE WRAPPED WITH FIBREGLASS TAPE, AND SOAKED WITH EPOXY (WET LAY-UP). LEAVE APPROX. 4" BARE EACH SIDE OF EVERY BRAZE WHERE POSSIBLE AND LEAVE CONDUCTOR BARE THRU ITEM #10.
9. THERMOSWITCHES SHALL BE CALIBRATED TO BE OPEN @ 160° F. AND CLOSED @ 140° F.(NORMALLY CLOSED) SWITCHES TO BE WIRED IN SERIES AND THE WIRE NEATLY LAID.

BNL NO. D13-M-7032-5 REV A

Ref. Dwgs.	Rev	Date	Loc.	Revision	By	App'd
	F	JULY 1995		Item 1 was D-33216		
	E	JULY. 1991		ITEM 11 REQUIRED, ITEM 21 WAS 1/2" BOLT, ITEM 26 ADDED. ACAD REDRAWN	LE	
	D	FEB. 1991		ITEM 25 & NOTE ADDED	G.C.	
	C	MAR.22 1991		CONDUCTOR CONNECTIONS REVISED, COIL CLAMPS REDESIGNED, GENERAL REVS.		
	B	FEB.14 1991		KLIXON MOUNTING CHANGED, NOTES EDITED		
	A	JAN.9. 1991		ORIGINAL ISSUE	LE	

TOLERANCES UNLESS OTHERWISE SPECIFIED: (IN INCHES)
FRACTIONAL DIMENSIONS ± ALL DIMS.
DECIMAL " ± REF. ONLY
ANGULAR " ±
SURFACE FINISH ✓ RMS OR BETTER

BNL APPROVAL

UNIVERSITY of BRITISH COLUMBIA
VANCOUVER, B.C. CANADA

TRIUMF

Checked	Designed
	Drawn L.ELLSTROM
	Checked
Approved	Approved
	Drawing List D.L.3623

GENERAL ASSEMBLY
LESB III Q1 (N8Q24)
BROOKHAVEN NATIONAL LAB.

Scale	Master Disk No.	Dwg. No.	Rev
1/2 SIZE	B.L.56	E-31000	F
Date DEC.18,'90			

Scale 09