

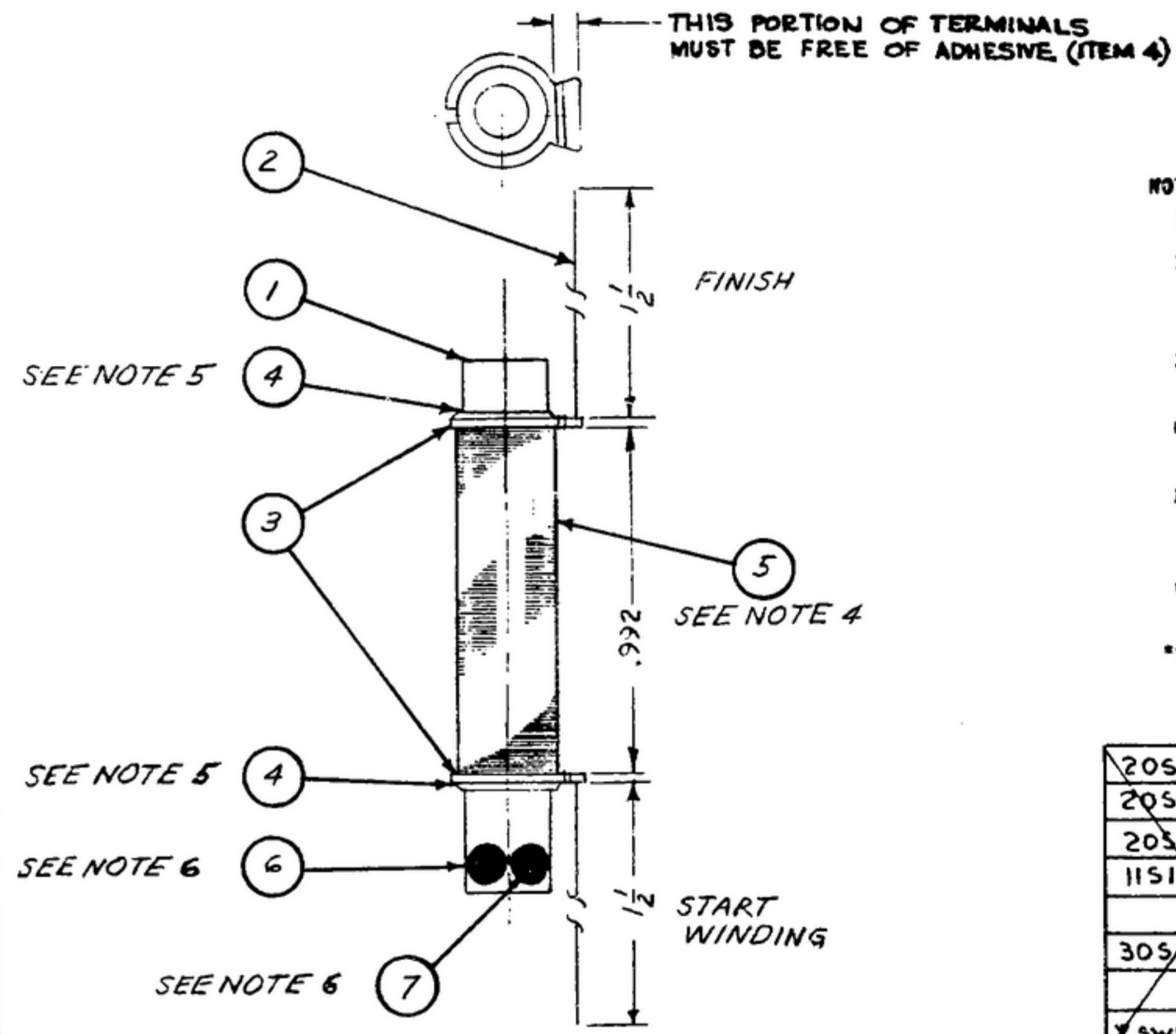
NOTICE: WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY ASSUMES NO RESPONSIBILITY FOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, PUBLISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS, OR OTHER DATA IS NOT TO BE CONSIDERED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONFERRING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

"THIS DOCUMENT HAS BEEN PREPARED BY THE GOVERNMENT AND IS NOT TO BE REPRODUCED AND USED IN CONNECTION WITH ANY GOVERNMENT PROCUREMENT OR MAINTENANCE OPERATION."

NOTE: \*FOR INFORMATION ONLY. CONTRACTOR MAY AT HIS OPTION DEVIATE FROM THESE PROCESS DETAILS

~~SWE APPROVAL~~  
5 M 10062-1

REVISIONS			
STM	DESCRIPTION	DATE	APPROVAL
A <sub>1</sub>	A <sub>1</sub> REVISED & REDRAWN	16 DEC 59	42428-PC-59 A151 TRV'S PMA



- NOTES:
1. COIL TO BE WOUND TO MEET ELECTRICAL REQUIREMENTS SPECIFIED ON SM-D-249091.
  2. TYPICAL WINDING DATAS:  
NO. OF TURNS: 15  
TYPE OF WIND: SINGLE LAYER VARIABLE PITCH
  3. WIRE: SINGLE STRAND OF NO. 26 AWG WIRE WITH HEAVY POLYURETHANE FILM INSULATION. DRAWN & ANNEALED COPPER. AS SUPPLIED BY BELDEN MFG. CO., CHICAGO, ILL. OR EQUAL.
  4. THE COIL WINDING SHALL BE SUFFICIENTLY COATED TO FIRMLY ANCHOR ALL WIRES. COATING MATERIAL (ITEM 5) TRANSPARENT "Q" MAX. #A27 TO BE SUPPLIED BY COMMUNICATIONS PRODUCTS CO. INC., HARBOR, N.J. OR EQUAL
  5. CEMENT TERMINAL (ITEM 3) TO COIL FORM (ITEM 1) BY APPLYING THE BONDING AGENT #R313 (ITEM 4) ONLY ON THE OUTER SIDE OF TERMINALS ADJACENT TO THE EXTREMITIES OF THE COIL FORM AS SHOWN. BONDING AGENT #R313 AS SUPPLIED BY CARL H. BIGGS CO., LOS ANGELES, CALIF. OR EQUAL.
  6. FOR IDENTIFICATION USE COLOR CODING LACQUERS (ITEMS 6 & 7) AS SUPPLIED BY CAPITAL CHEMICAL CO., CHICAGO, ILL. OR EQUAL. APPLY BLACK & VIOLET COLOR DOTS (1/8 DIA.) ONTO COIL FORM LOCATED AS SHOWN.
  - \*7. S.W.E. WINDING PROCEDURE FOR 16-32 MC ANT. COIL SPECIFIED ON 12P205232.

20S111266-8	7	AS REQ'D	————	LACQUER, COLOR CODING, VIOLET	TT-L-31	6
20S111266-1	6	AS REQ'D	————	LACQUER, COLOR CODING, BLACK	TT-L-31	6
20S110664-5	5	AS REQ'D	————	LACQUER		4
11S130318-7	4	AS REQ'D	————	ADHESIVE		5
	3	2	SM-B-85398	TERMINAL		5
30S130131-26	2	1	SM-B-283289-1	WIRE, MAGNET (BIN. TYP)	MIL-W-583	3
	1	1	SM-B-249171-3	FORM, COIL		

LIST OF MATERIAL

UNLESS OTHERWISE SPECIFIED				COLLING RADIO CO.		DEPARTMENT OF THE ARMY SIGNAL CORPS ENGINEERING LABORATORIES  FORT MONMOUTH NEW JERSEY
DIMENSIONS ARE IN INCHES				CEDAR RAPIDS, IOWA		
TOLERANCES ON				14214-PC-51-93		
FRACTIONS DECIMALS ANGLES				SIGNAL CORPS		
± 1/64 ± .005 ± —				REVIEWED PME		COIL ASSY
DRAWN BY L BRIGGS				APPROVED HLY		
CHECKED BY BG				DATE 13 MAR 58		
NEXT ASSY USED ON				SCALE 2/1		SM-B-283289
*SWE APPLICATION				APPLICATION		