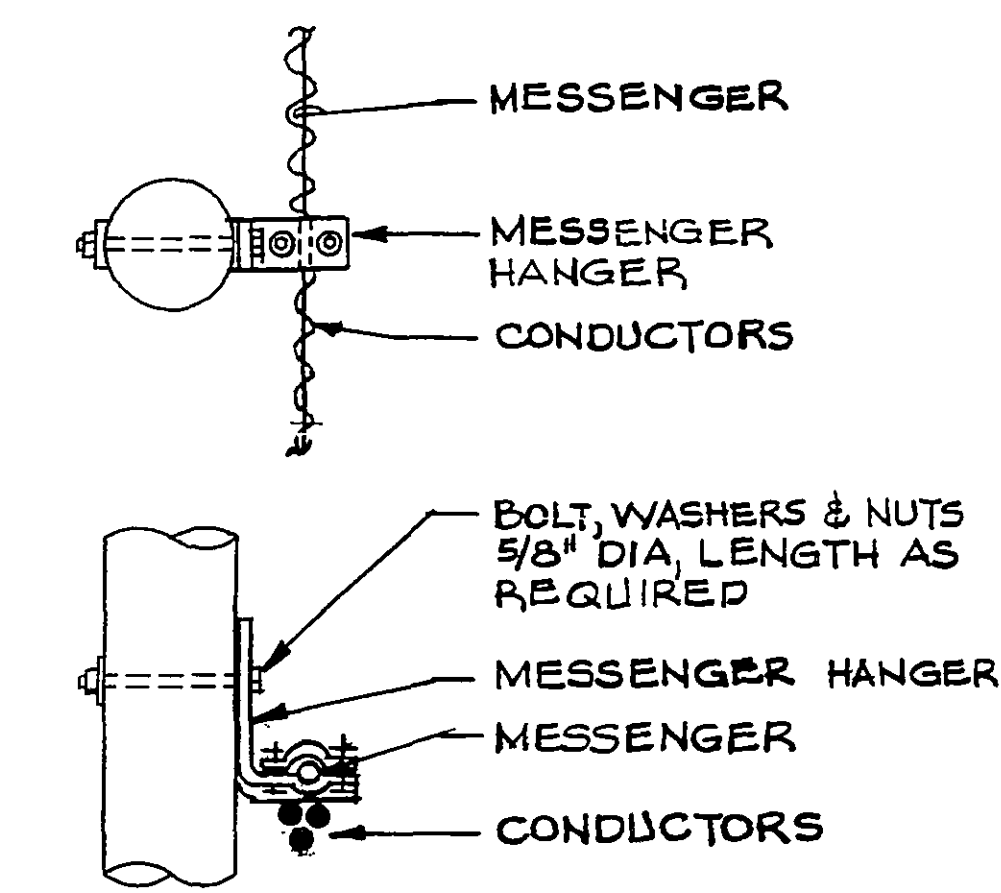
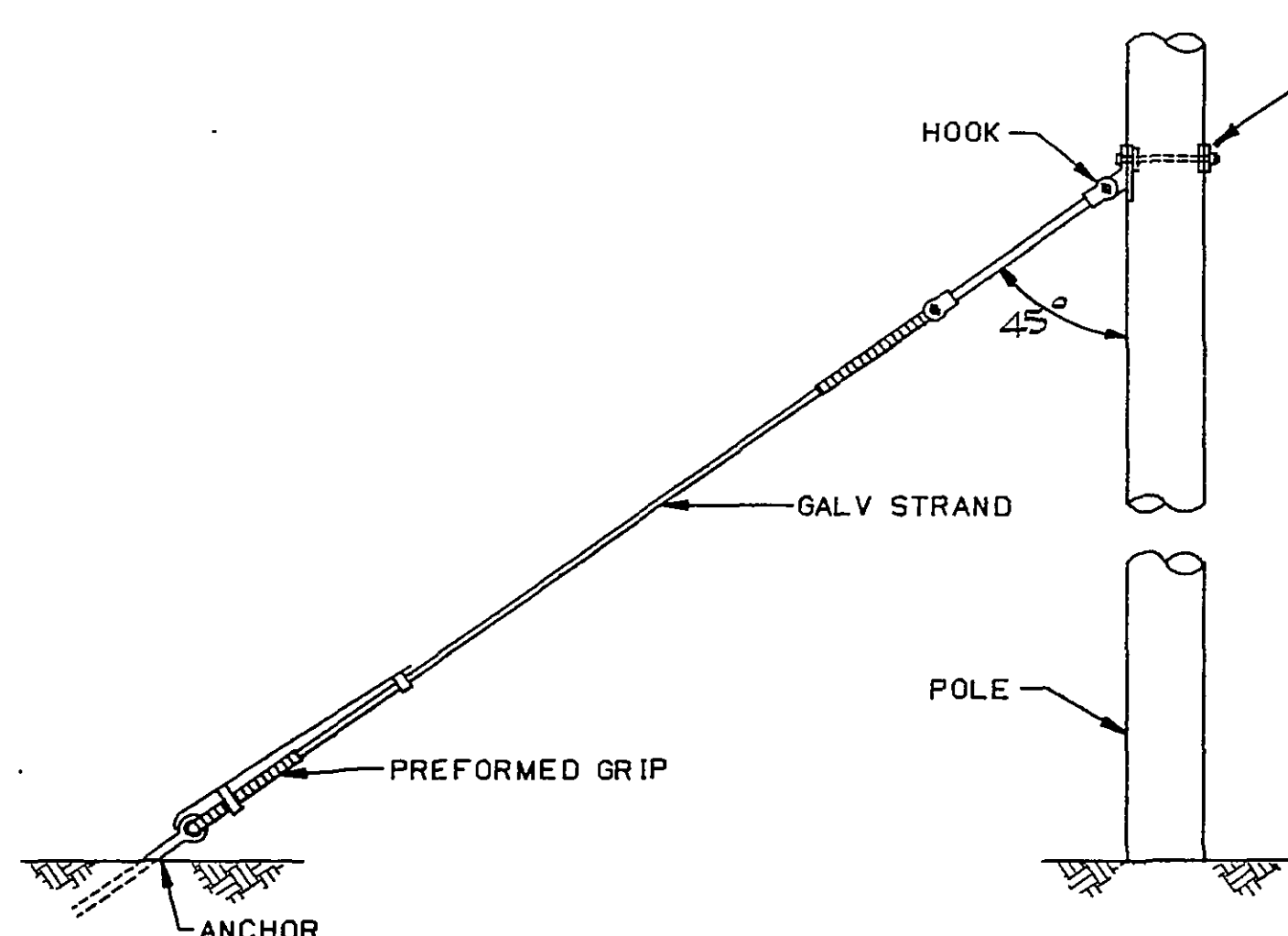
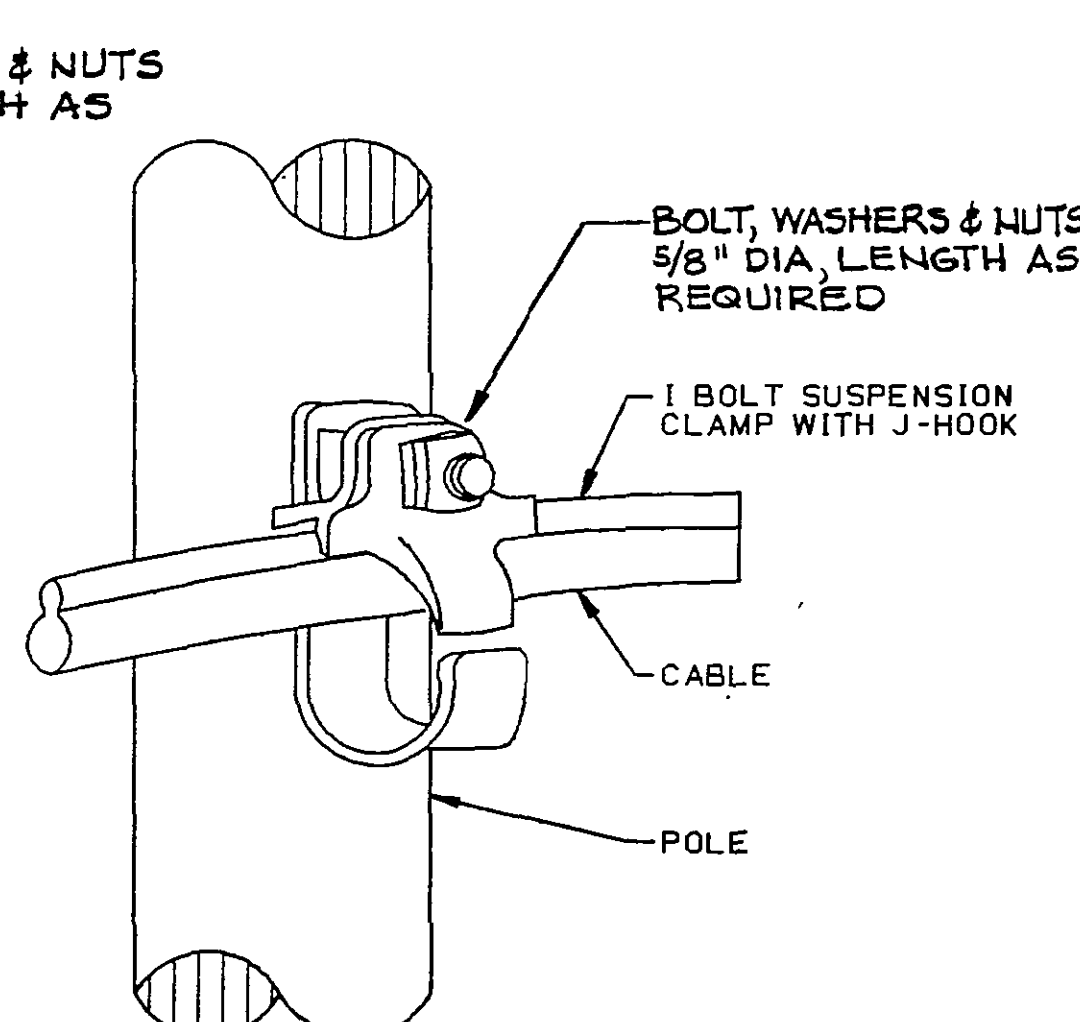




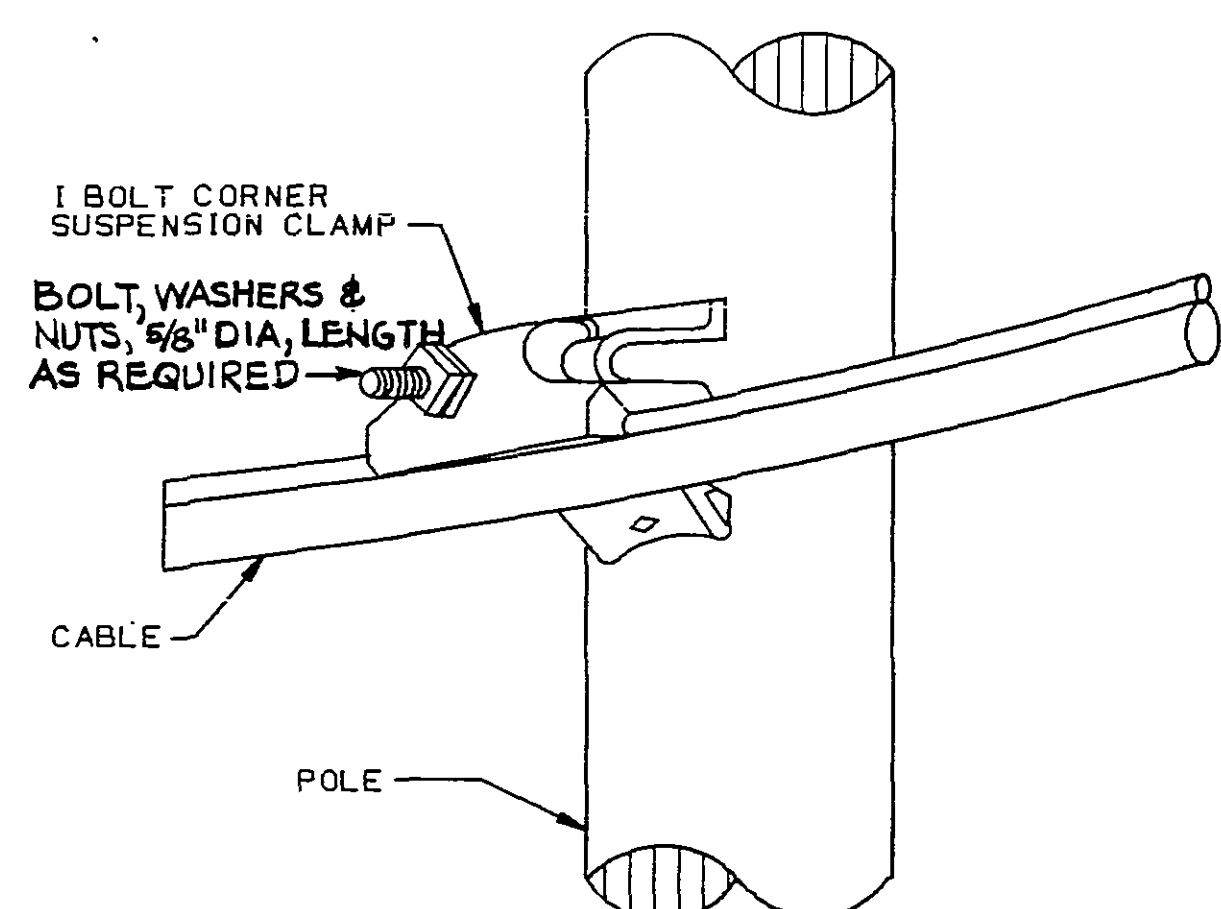
**ASSEMBLY A
MESSENGER SUPPORT**
NO SCALE



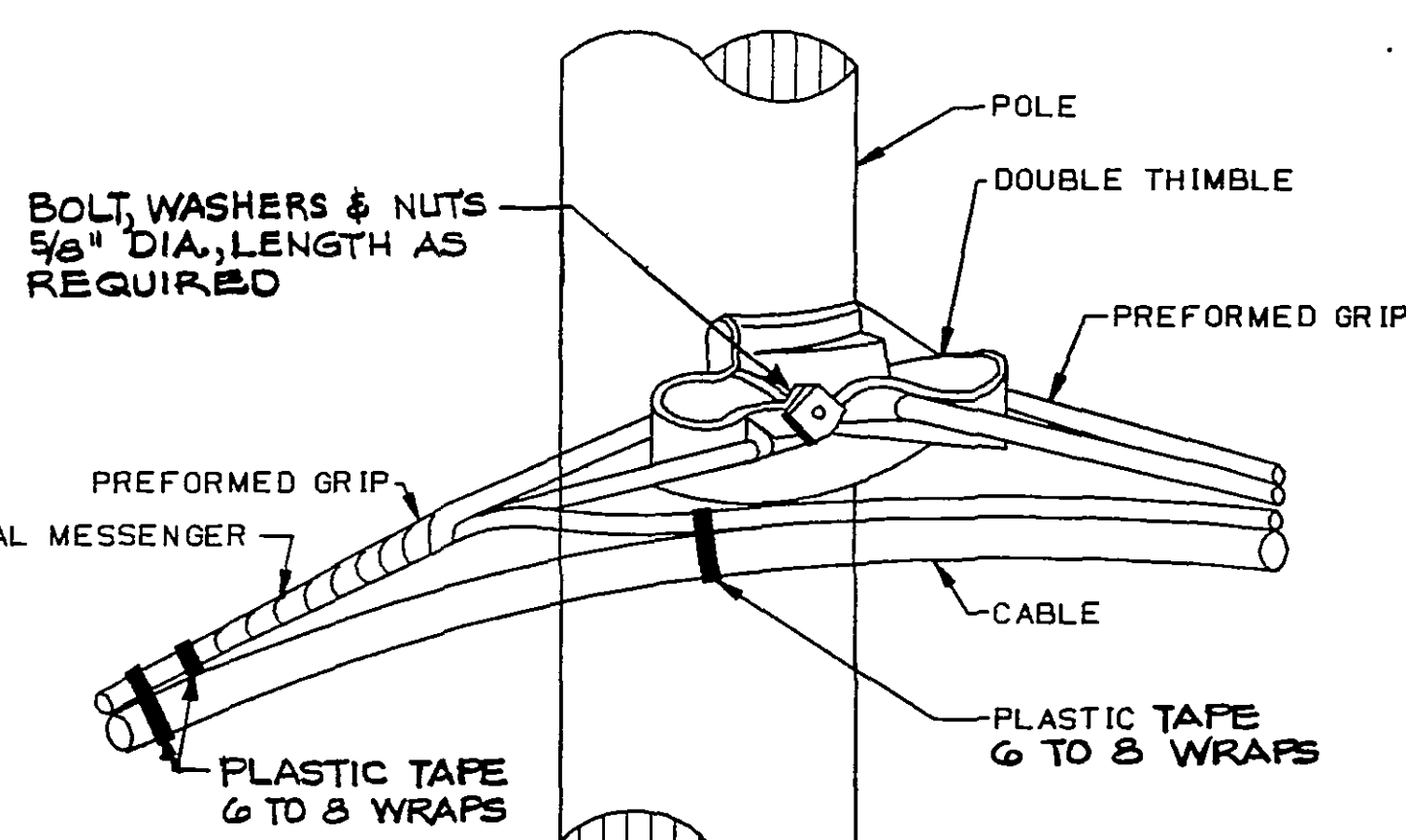
**ASSEMBLY C
DOWN GUY**
NO SCALE



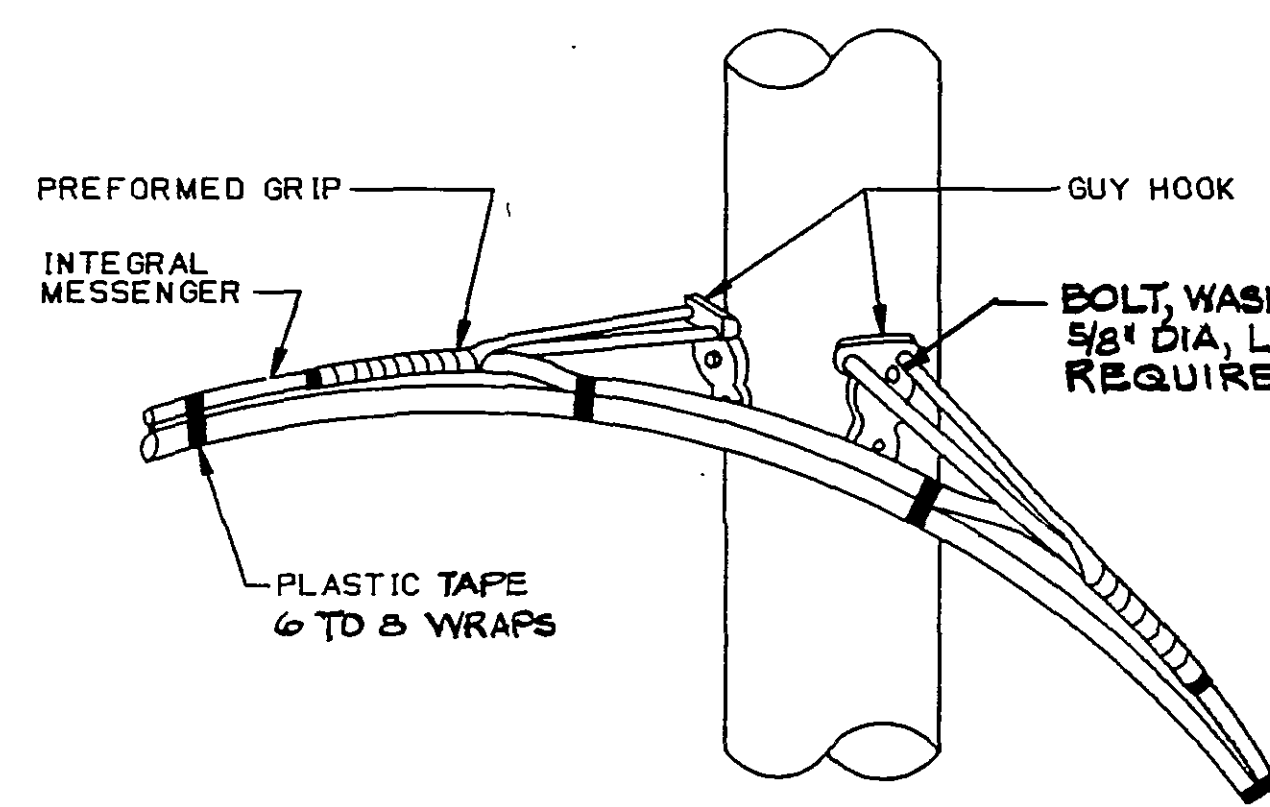
**ASSEMBLY D
ONE-BOLT SUSPENSION CLAMP.
TANGENT CONSTRUCTION 0° TO 3°.**
NO SCALE



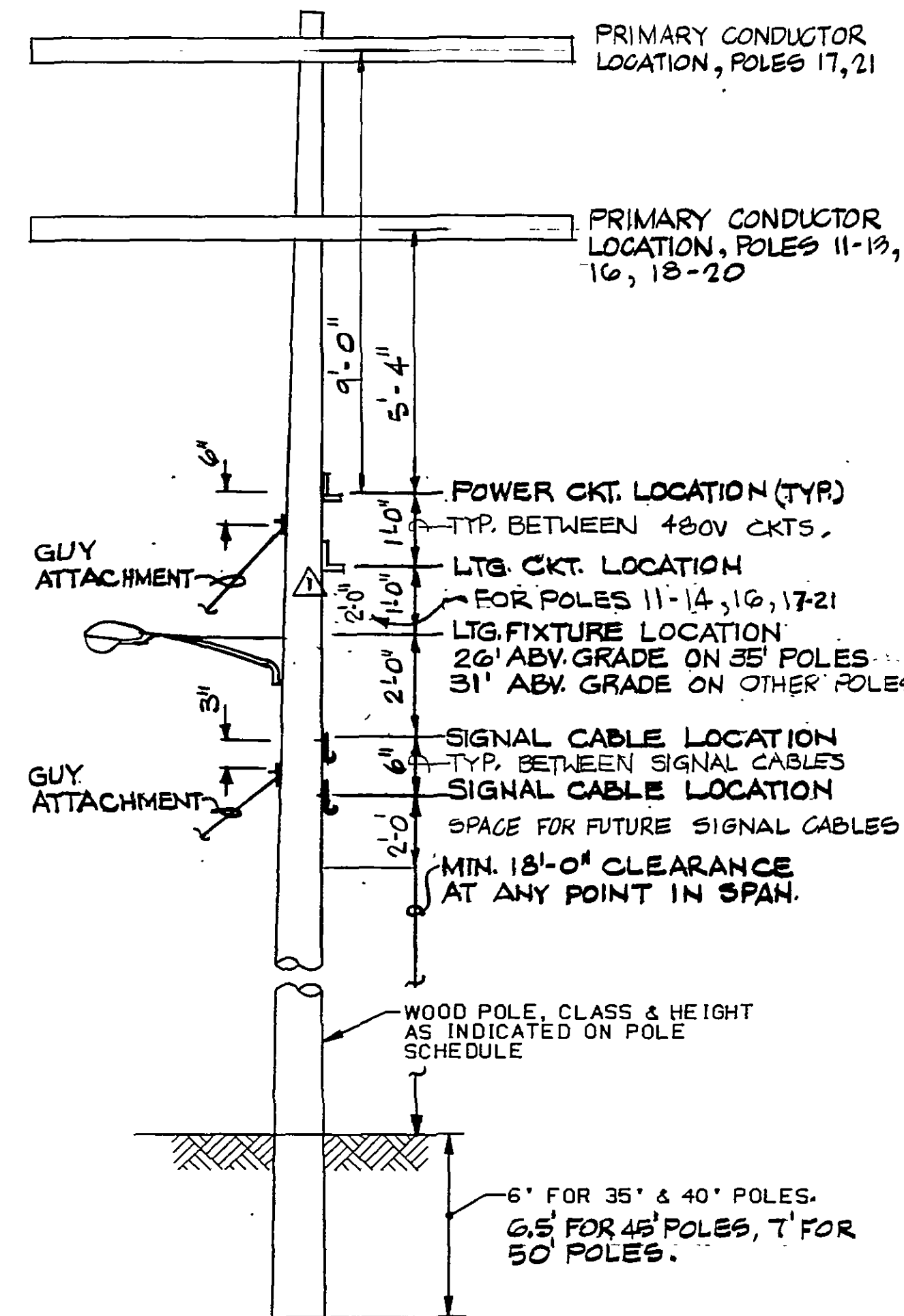
**ASSEMBLY E
ONE-BOLT SUSPENSION CLAMP.
ANGLE CONSTRUCTION 3° TO 15°.**
NO SCALE



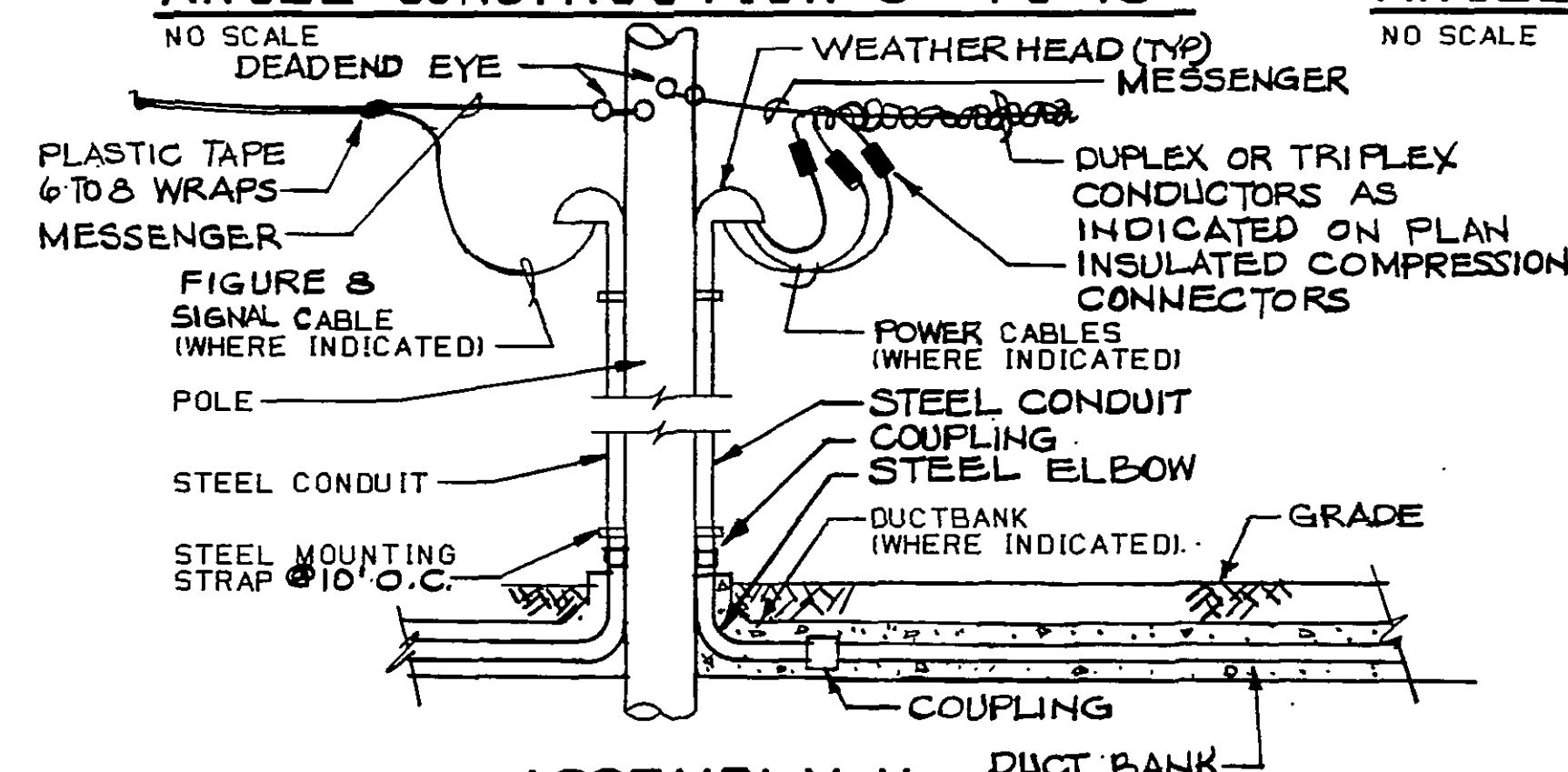
**ASSEMBLY F
DOUBLE-THIMBLE CORNER SUPPORT
ANGLE CONSTRUCTION 15° TO 25°.**
NO SCALE



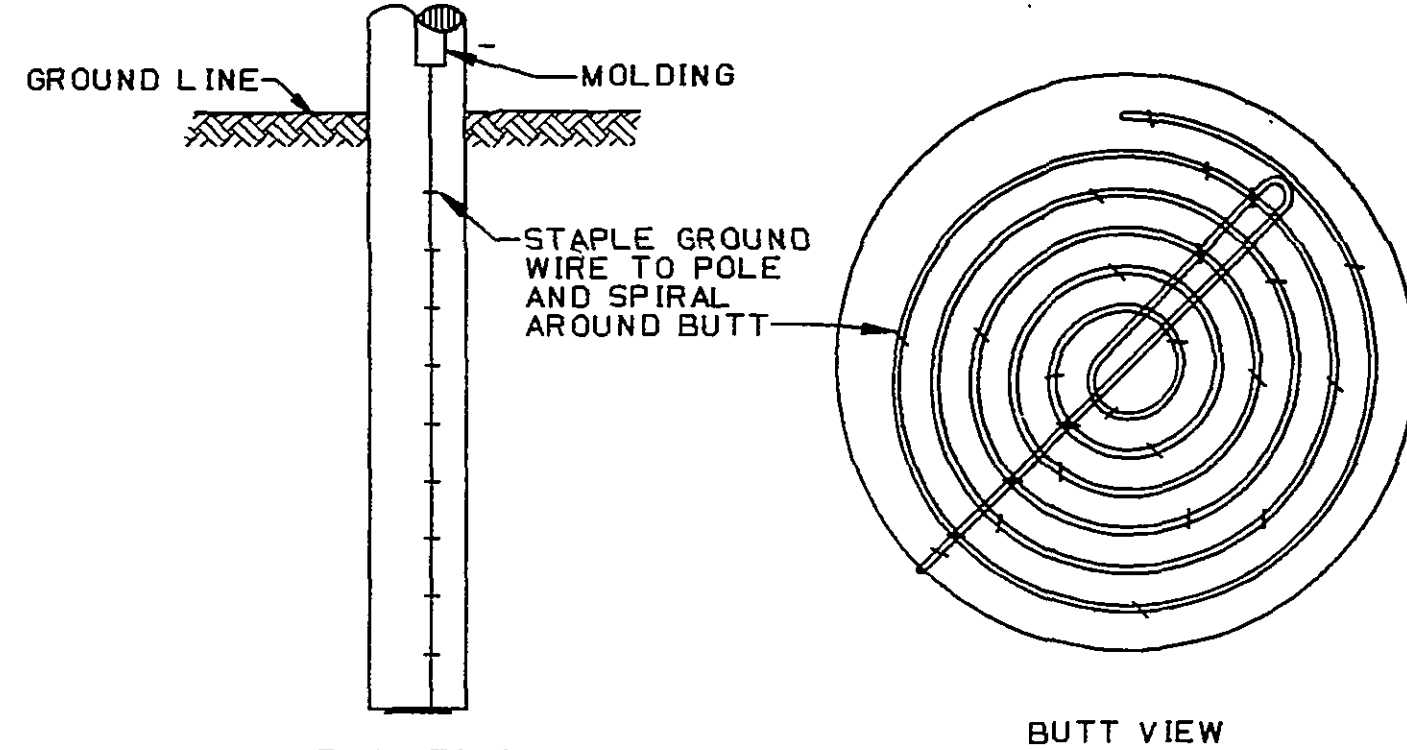
**ASSEMBLY G
DOUBLE FALSE DEAD END
ANGLE CONSTRUCTION 25° TO 90°.**
NO SCALE



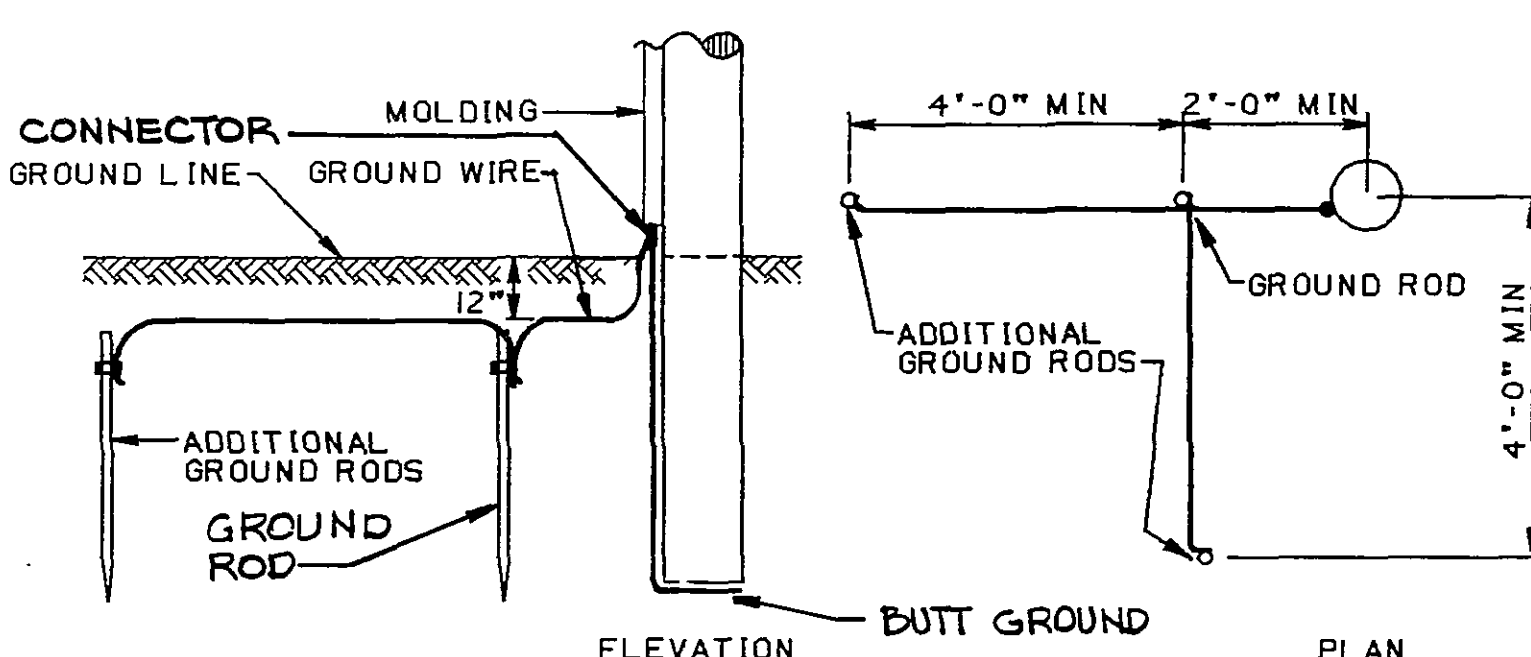
POLE CABLE SPACING DETAIL
NO SCALE



**ASSEMBLY H
OVERHEAD TO UNDERGROUND SIGNAL AND
LOW VOLTAGE POWER TRANSITION**
NO SCALE

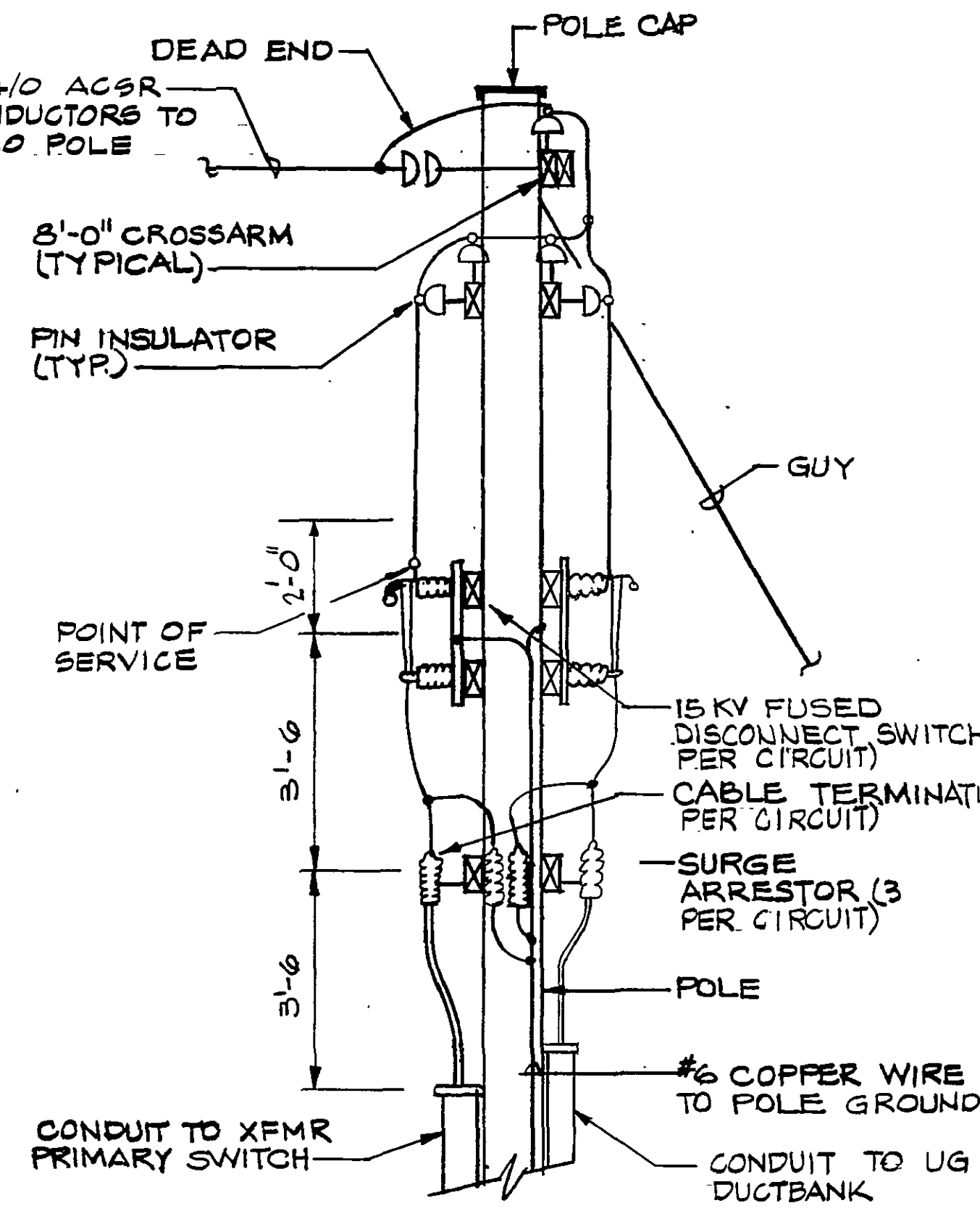


TYPICAL COIL-TYPE GROUND (FOR USE WHEN RESISTANCE IS LESS THAN 25 OHMS)



TYPICAL GROUND ROD CONNECTION (USE ADDITIONAL RODS WHEN RESISTANCE IS GREATER THAN 25 OHMS WITH SINGLE MADE ELECTRODE)

ASSEMBLY B GROUNDING
NO SCALE



DETAIL - POLE 24
NO SCALE

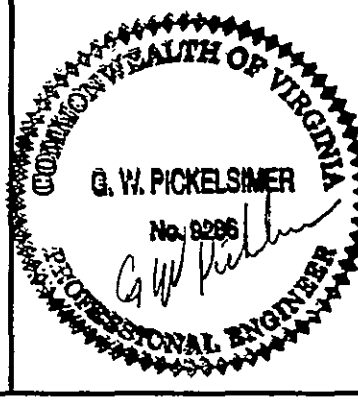
POLE SCHEDULE				
POLE NUMBER/CLASS	CABLE TYPE	ASSEMBLY DETAIL	POLE HEIGHT	NOTES
1/5	SEC-LTG	B,C	35'	①
2/5	SEC-LTG	A,C	35'	
3/5	SEC-LTG	A	35'	
4/5	SEC-LTG	A,B,C	35'	
5/5	SEC-LTG	A	35'	
6/5	SEC-LTG	A,C	35'	
7/5	SEC-LTG	A,B,C	35'	
8/5	SEC-LTG	A	35'	
9/5	SEC-LTG	A,C	35'	
10/5	SEC-LTG	B,C	40'	
11/4	SEC-LTG PRI-POWER SIG-TELM 2-SIG-TELM	A,B,C K,L,C E,C E	40'	
12/3	SEC-LTG PRI-POWER SIG-TELM 2-SIG-TELM	A,C J,N,C G,C G	40'	
13/4	PRI-POWER SEC-LTG SIG-TELM 2-SIG-TELM	K,L,C A,C,B E,C E	40'	
14/3	PRI-POWER SEC-LTG SIG-POWER SIG-TELM SIG-TELM	2-J,N,C A,B,C 2-EC C,H G	50'	①
15/2	SEC-POWER SIG-TELM	B,C,H C,H	35'	①
16/4	SEC-LTG PRI-POWER SIG-TELM 2-SIG-TELM	A,C M,C,K F,C F	40'	①
16A/5	SEC-LTG	B,C	35'	①
17/3	SEC-LTG PRI-POWER SIG-TELM SIG-TELM	C,H B,J,K,C,I H,C H	50'	① ①①
18/3	PRI-POWER SEC-LTG SEC-POWER SIG-TELM	K,L A A D	40'	
19/3	PRI-POWER SEC-LTG SEC-POWER SIG-TELM	K,L A A D	40'	
20/3	SEC-LTG SEC-POWER SIG-TELM	A A D	40'	
21/2	PRI-POWER SEC-LTG SEC-POWER SIG-TELM	2-C,I,J,K A,C,B G,H,C C,S	50'	① ①
22/5	SEC-LTG	B,C	35'	①
24/3	SERVICE POLE	SEE DETAIL THIS SHEET	50'	COORDINATE POLE HEIGHT & LOCATION WITH APCO

NOTES:
① PROVIDE PREFORMED MESSENGER GRIP AND DEAD END EYE BOLT IN ASSEMBLY G FOR DEAD END.

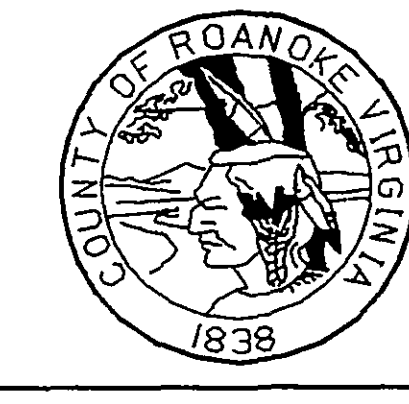
RECORD DRAWINGS
THESE DRAWINGS RECORDED ON THE BASIS OF INFORMATION FURNISHED BY THE CONTRACTOR OR SPECIFICALLY KNOWN TO HSM. NO OTHER REPRESENTATIONS ARE MADE OR IMPLIED.
Date: 6-5-95

TYPICAL REINFORCED DUCTBANK DETAIL
NO SCALE

DESIGNED	RET/EX	DATE	3/30/90
DRAWN	JBB	DATE	3/30/90
CHECKED	Rm	DATE	3/30/90
APPROVED	RH	DATE	3/4/91
ISSUED	JPB	DATE	3/21/91



REVISIONS				
DATE	BY	DESCRIPTION	DATE	BY
1/13/92	RET	POLE SCHEDULE		
5/28/93	RET	POLE SCHEDULE, POLE DETAILS		
8/15/94	BA	PER CONTR RECORD DWS		
6-5-95	JBB	ISSUED TO VA DAM SAFETY		
3-31-97	RWF	RECORD DRAWING		



**SPRING HOLLOW RESERVOIR
ROANOKE COUNTY, VIRGINIA**
HAYES, SEAY, MATTERN & MATTERN, INC.
ARCHITECTS - ENGINEERS - PLANNERS
ROANOKE, VIRGINIA

ELECTRICAL EXTERIOR DETAILS				
SCALE	DATE	COMM	SHEET	DWG
AS NOTED	8/4/91	4194E	E-4	22