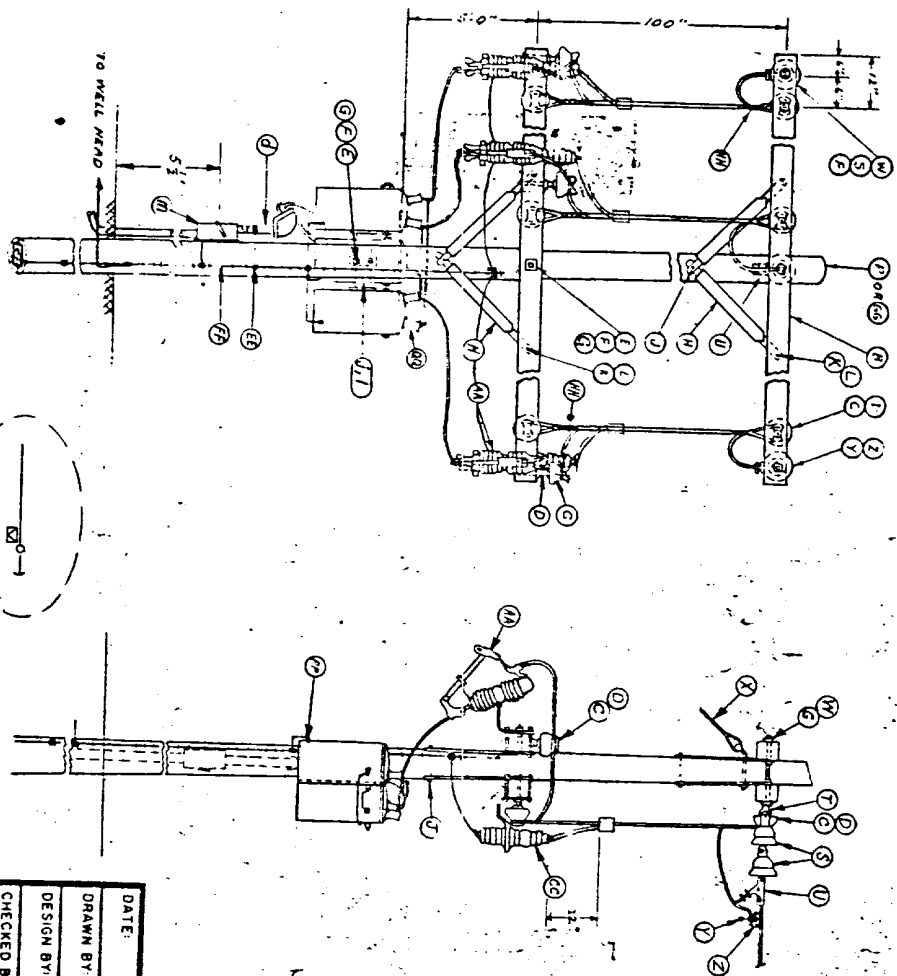


DATE:	7-15-77	TITLE:	PRIMARY III LINE POLE 12,000 VOLT AXR
DRAWN BY:	J. HERRILL	CONOCO	
DESIGN BY:			
CHECKED BY:	SK		
APPROVED BY:	SK	PRODUCTION DEPT.	
SCALE:	1/4"=1'	JOB:	
			13.5L. SPEEDS. ES-26
		DRAWING NO.	
			HOBBS DIVISION



ITEM	QTY	REF
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B	9	
C	9	
D	3	
E	3	
F	24	
G	12	
H	8	
J	4	
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L	8	
M	8	
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P	1	ES-1A, NOTE 5
Q	6	
R	3	
S	3	
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ITEM	DESCRIPTION	A. B. CHANCE NO.	JOSLYN NO.	OTHER MFG. NO.	NO. SUB.
A	35' class 6 creosoted pine pole				
B	3 1/2" x 4 1/2" x 8' treated crossarm				
C	High density wet process porcelain pin insulator				
D	3/8" x 3" forked steel pin w/eq. washer, nut, & locknut		463		
E	5/8" x 12" machine bolt w/ nut (or length req'd)				
F	2 1/4" x 2 1/4" x 3/16" x 11/16" hole sq. washer	881			
G	3/8" HP Locknut	881/2			
H	1/2" x 1 1/4" x 28" flat crossarm brace	681/2			
I	1/2" x 4" EZ Fetter Drive Log Screw	591/2			
J	3/8" x 4 1/2" Carriage Bolt w/ Nut	11/8			
K	3/8" HP Locknut	508/54			
L	Preformed Aluminum Alloy Arm Rods, size req'd	8634 1/2			
M	tie wire #6 strong alum. alloy	3510			
N	Epoxy Insulator (Epoxy on Link)				
O	35' class 5 creosoted pine pole				
P	Aluminum double tab Squeeze on Connector				
R	for ACSR, Aluminum, or Copper-size req'd				
S	6" Suspension Insulator				
T	5/8" Standard Oval Eye Nut	44200			
U	Primary Head End Clamp	6402			
W	3/8" x 18" (or length req'd) Double Arming Bolt	44050			
X	W/4 sq. nut	8868			
Y	Routing detail - see detg No. ES-10 for spec.				
Z	Hot Line Clamp				
	Squeeze on basket, size required	51520AGP			

DATE: 12-27-71	TITLE: DESCRIPTION MATERIALS
DRAWN BY: E. WINTER	
DESIGN BY:	
CHECKED BY:	
APPROVED BY:	
SCALE: NONE	
PRODUCTION DEPT. (CONOC)	
JOB: HOBBS DIVISION	
DRAWING NO. ES-1	
SHEET 1 OF 3	

ITEM	DESCRIPTION	A. B. QUANCE NO.	JOSLYN NO.	OTHER MFRS. NO.	NO SUB.
AA	Primary Cutout - 100 amp, 15 KV, 16000 amp int. cap.	FX11015G			
AB	General Purpose "U" bolt clamp	UC510AGP			
CC	Lightning arrester, 10 KV				X
DD	Single phase oil switch, 14.4 KV				
EE	Split bolt connector, size req'd				
FF	Grounding spec. see dog No. ES-11 & ES-1A, Note 3				
GG	35' class 6 creosoted pine pole				
HH	Aluminum deadend Preform for ACSN, size req'd				
JJ	30' class 6 creosoted pine pole				
KK	OVERHEAD GRND, 1/4 ACSN - If req'd - Ref. DWG ES-11, ES-1A - Note 3				
LL	Ground connector, motor				
MM	600 V. secondary lightning arrester single phase				
NN	Greenfield type of liquid-tight flexible steel conduit, size req'd, w/ necessary liquid-tight connectors				
OO	req'd size LB fitting & cover & gasket				
PP	transformer tank grounding terminal				
QQ	Bird Guards (insulating boots on transformer bushings)	GW3-15			

DATE: 12-27-71	TITLE: DESCRIPTION MATERIAL
DRAWN BY: E. WINTER	CONOCO HOBBS DIVISION DRAWING NO.
DESIGN BY:	
CHECKED BY:	
APPROVED BY:	
SCALE: NONE	JOB: REC. SPECS SHEET 2 OF 3

ITEM	DESCRIPTION	A. B. CHANCE NO.	JOSLYN NO.	OTHER MFRS. NO.	NO. SUB.
a	double upset bolt s/eq. nut, round washer, and center key on short end, eq. nut and key locknut on long end, 15 1/8" long, (or length required.) wet process porcelain secondary spool insulator, 3" brown glaze	7828			
b	3" brown glaze		21101		
d	required size conduit w/ servicehead(s) & req'd size & rated insulated conductors. Ref. DWG ES-18 Notes: provide clamp and ground conduit parallel groove clamp, size req'd			RURBY STAYS "C"	
e	secondary insulator clevis for 4" insulator				
f	5/8" thimblye nut	6510			
h	5/8" x 12" (or length req'd) straight thimblye bolt w/eq. nut	5512			
j	transformer cluster mount bracket (small)			ALUMALUM 6M3-6	X
l	transformer cluster mount bracket (large)			ALUMALUM 10M3-6	X
m	req'd size raintight disconnect & fuses, 3-phase, 600 V, Ref. DWG No. ES-18				
n	16" cross plate anchor (or size req'd)	X-16			
q	8-way expanding anchor (size req'd)	88135			
c	4" brown glaze wet process porcelain secondary spool insulator		10101		
u	5/8" x 7" thimblye anchor rod w/nut (use twineye if req'd - Chance No. 3347)	5317 (AUT 5500EP)			
ee	3/8" high strength guy strand (10,800 lb.)				
bb	preformed guy grip for 3/8" guy strand				
dd	5/8" x 10" angle thimblye bolt w/nut	5010			
ee	3"x3"x1/4"x11/16" hole curved washer	6813 1/2			X
ff	6" - guy clamp w/1-1/2" bolts				
gg	medium size strain insulator				
hh	servico sleeve for 3/8" guy strand	6454			
jj	3/16" x 2-1/2" x 7" tilt plate	7887			X
mm	pole bottom ground plate (may use butt-wrap if desired)				
qq	Ground connection (See DWG. ES-12)				
rr	wet process porcelain secondary spool insulator, 3" - white glaze				
tt	wet process porcelain secondary spool insulator, 4" - white glaze				

DATE: 12-27-71		TITLE: DESCRIPTION MATERIALS	
DRAWN BY: E. WINTER		CONOCO PRODUCTION DEPT. HOBBS DIVISION DRAWING NO. ES-1 SHEET 5 OF 5	
DESIGN BY:			
CHECKED BY:			
APPROVED BY:			
SCALE: NONE		ELEC SPECS	