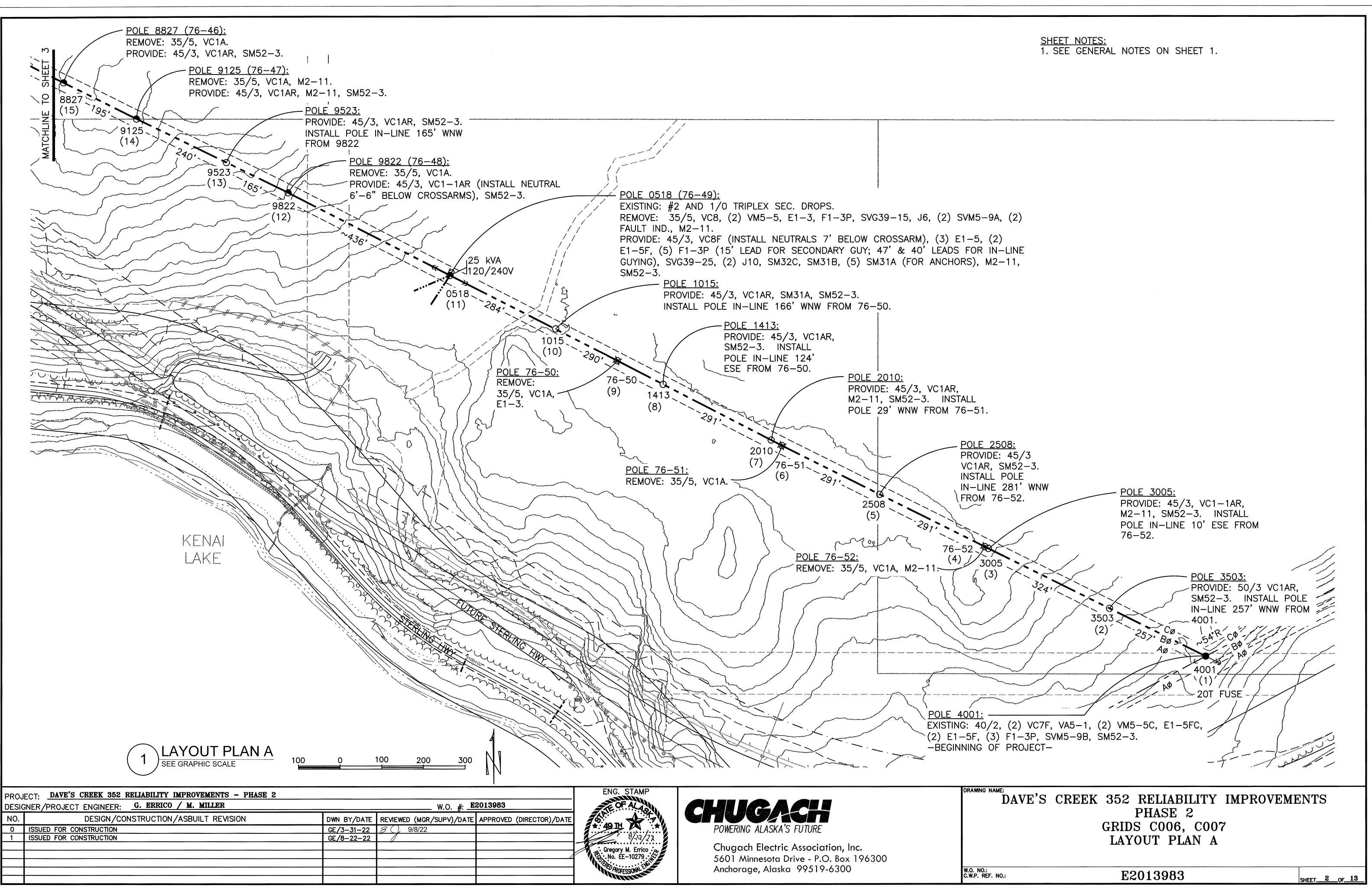
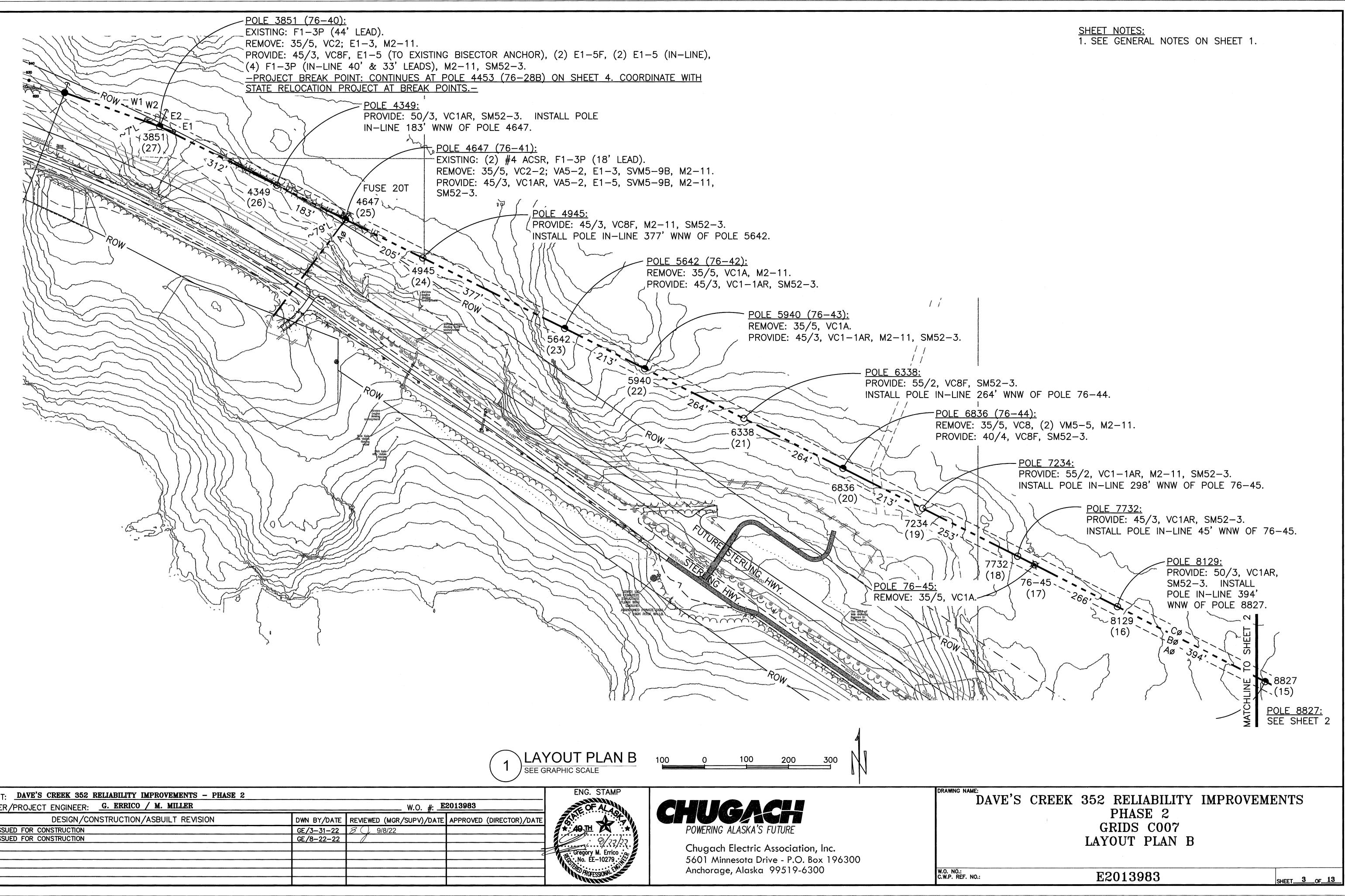


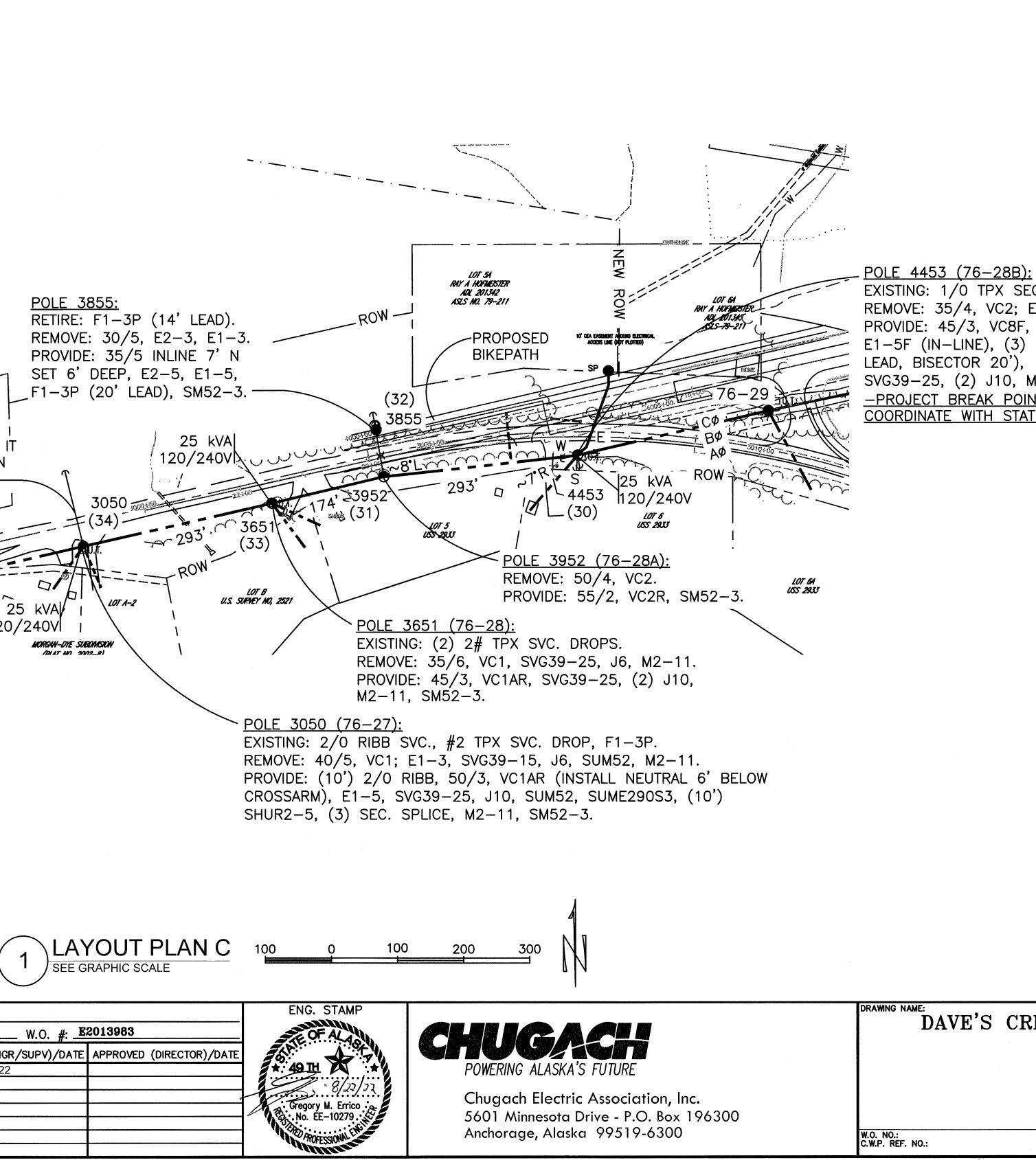
LOLIND	
NEW # > (STN #)	NEW POLE
NEW # (EXISTING #) ● (STN #)	EXISTING POLE
NEW # (EXISTING #) ● (STN #)	REPLACEMENT POLE
EXISTING # (STN #)	RETIRE POLE
	DOWN GUY AND ANCHOR SPAN GUY
	OH PRIMARY CONDUCTOR -
	OH PRIMARY CONDUCTOR -
	OH SECONDARY OR SERVIC
	UG SERVICE
S NC	AIR BREAK SWITCH





PROJ	ECT: DAVE'S CREEK 352 RELIABILITY IMPROVEMENTS - PHASE 2			
	GNER/PROJECT ENGINEER: <u>G. ERRICO / M. MILLER</u>		W.O. #:	E2013983
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVE
0	ISSUED FOR CONSTRUCTION	GE/3-31-22	B () 9/8/22	
1	ISSUED FOR CONSTRUCTION	GE/8-22-22	1	
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			·	

<u>POLE 3855:</u> REPLACE DOWN GUY. IT IS EFFECTIVELY A SPAN GUY (CROSSES ROAD). 25 kVA 120/2401 MORGAN-DYE SUBDIVISION DDI AT MID 2002_R) <u>POLE 2349 (76-26):</u> ∖25 kVA EXISTING: 1/0 TPX SEC. 120/240 REMOVE: 45/4, VC1; SVG39-25, J6, M2-11. PROVIDE: 55/2, VC1-1AR (INSTALL NEUTRAL 6' BELOW CROSSARMS), SVG39-25, J10, M2-11, SM52-3-



PROJ	ECT: DAVE'S CREEK 352 RELIABILITY IMPROVEMENTS - PHASE 2			
DESIC	GNER/PROJECT ENGINEER: <u>G. ERRICO / M. MILLER</u>		W.O. #: <u>E</u>	20139
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPRO
0	ISSUED FOR CONSTRUCTION	GE/3-31-22	<i>B</i> (), 9/8/22	
1	ISSUED FOR CONSTRUCTION	GE/8-22-22		

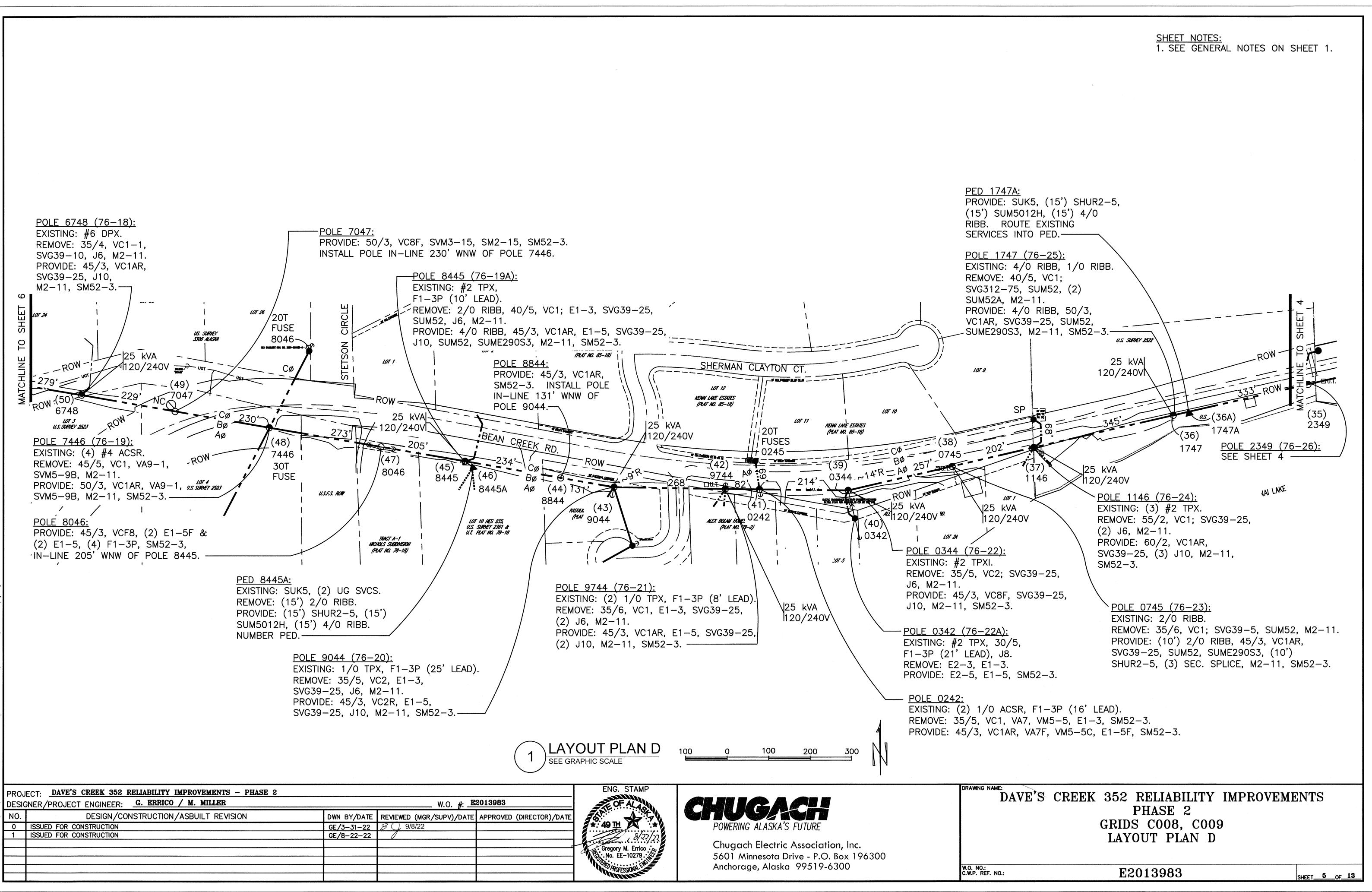
<u>SHEET NOTES:</u> 1. SEE GENERAL NOTES ON SHEET 1.

EXISTING: 1/0 TPX SEC. DROP, #2 TPX SVC. DROP. REMOVE: 35/4, VC2; E1-3, F1-3P, SVG39-25, (2) J6, M2-11. PROVIDE: 45/3, VC8F, (2) E1-5 (ONE TO EXISTING ANCHOR, TWO IN-LINE), E1-5F (IN-LINE), (3) F1-3P (IN-LINE TO WSW 27' LEAD, IN-LINE EAST 30' SVG39-25, (2) J10, M2-11, SM52-3. -PROJECT BREAK POINT: CONTINUES AT POLE 3851 (76-40) ON SHEET 3. COORDINATE WITH STATE RELOCATION PROJECT AT BREAK POINTS.-

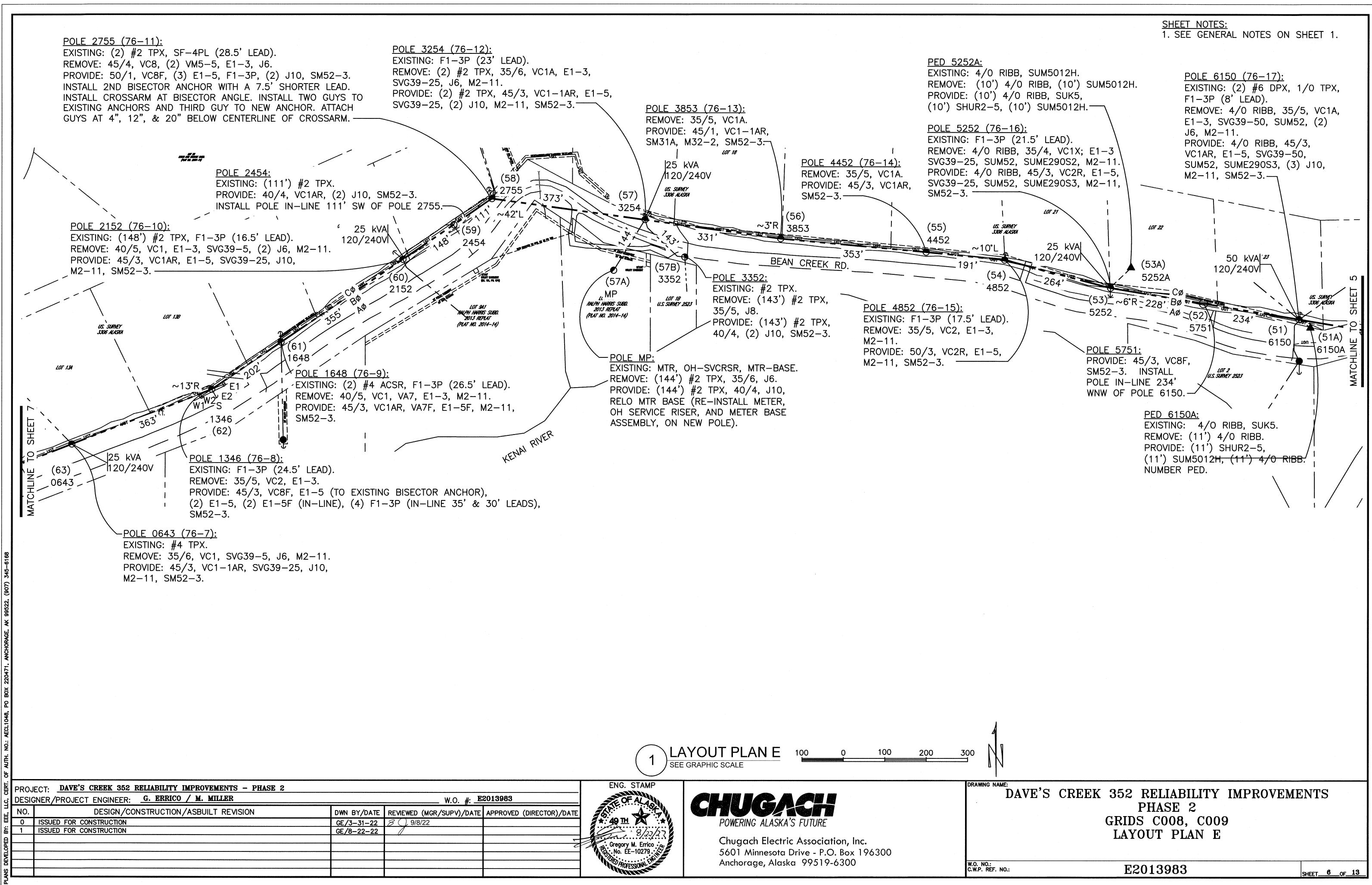
DAVE'S CREEK 352 RELIABILITY IMPROVEMENTS PHASE 2 GRID C008 LAYOUT PLAN C

E2013983

SHEET 4 OF 13



DED BY: EEE, LLC, CERT. OF AUTH. NO.: AECL1048, PO BOX 220471, ANCHORAGE, AK 99522, (907) 3



<u>PM 8942:</u>

EXISTING: (~150') 1/0 CONC 25kV, SVUG7-25. PROVIDE: STAG-2. RE-TAG PRIMARY TO RISER POLE.

POLE 8939:

EXISTING: (2x 135') #4 ACSR, 1/0 CONC 25kV, 40/4, F1-3P (17' LEAD), SVA7A, SVUA2, SUME290S4, M2-11. REMOVE: E2-3, E1-3. PROVIDE: (3) E1-5 (ATTACH GUYS AT 8", 16", & 24" BELOW CENTERLINE OF CROSSARM; TWO TO NEW ANCHOR, THIRD TO EXISTING), (2) E2-5F, (AT SAME HEIGHTS AS LOWER GUYS), SF-4PL (7' LONGER LEAD), SM52-3.

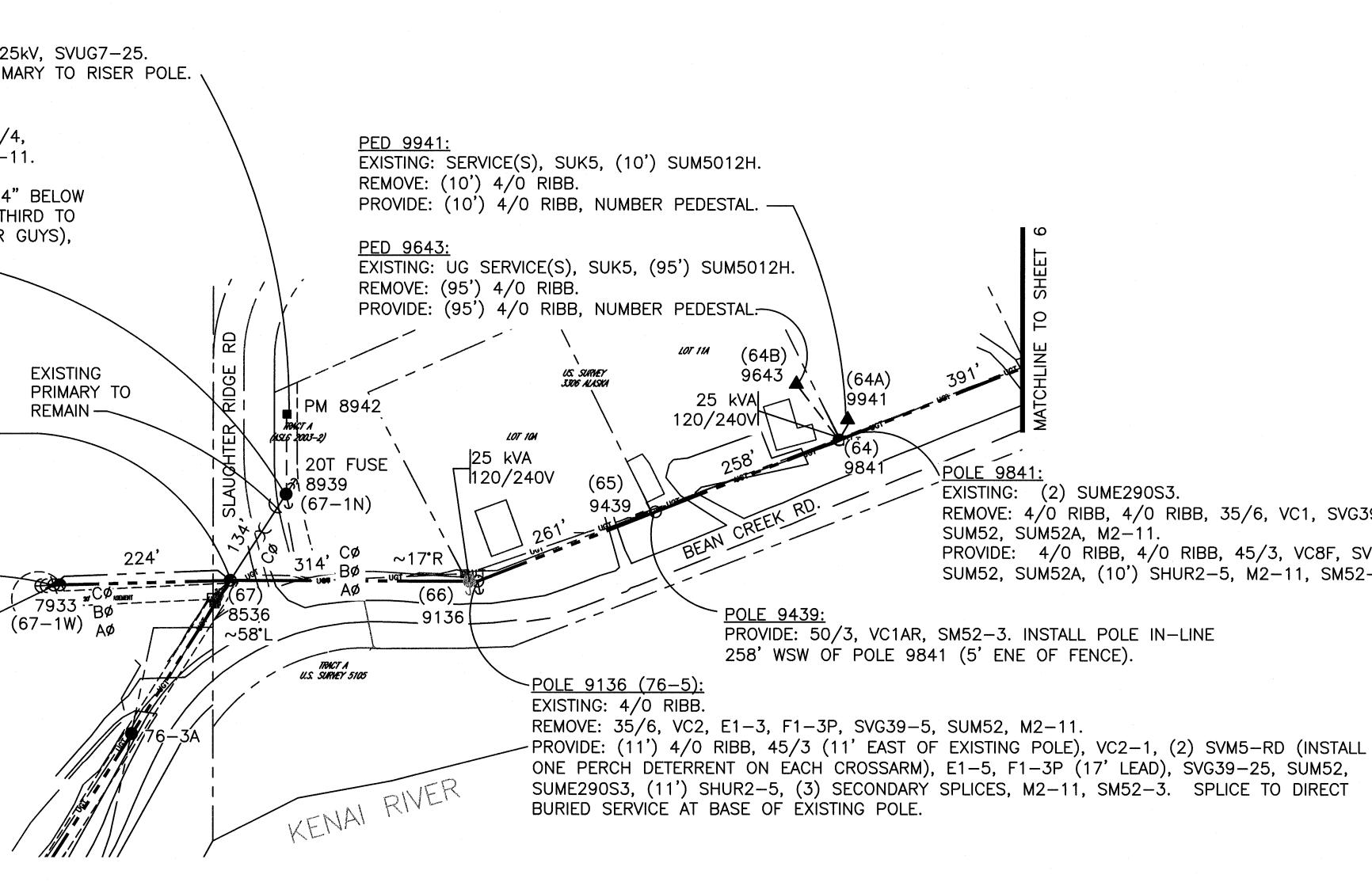
POLE 8536 (76-4): EXISTING: (2) 1/0 TPX. REMOVE: 40/5, VC1, VC7-1, VA5-1 (ON BACKSIDE OF VC7-1), J6, (2) SVM5-9B, M2-11. PROVIDE: 50/1, VC1AR, VC7F, VA5-1 (ON BACKSIDE OF VC7F), VM5-5C, (2) J10, (4)M5-22, M2-11, SM52-3. INSTALL VC7F'S XARM 3'-6" BELOW VCIAR XARM. -SEE JUMPERING DETAIL- -

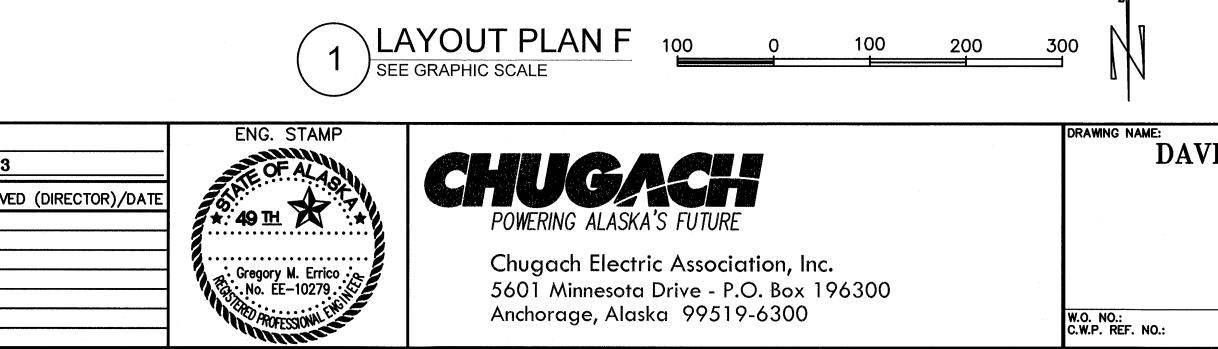
<u>POLE 7933:</u>

CAUTION: POLE IS ADJACENT TO RIFLE RANGE. EXISTING: (224') 1/0 TPX, F1-3P (24.5' LEAD). REMOVE: (8') 1/0 TPX, 35/5, VC7-1, E1-3, SVG39-25, J6, M2-11. PROVIDE: 40/2, VC7F, (3) E1-5F, F1-3P, SVG39-25, J10, M2-11, SM52-3. INSTALL REPLACEMENT POLE 8' IN-LINE TO THE EAST OF EXISTING POLE. INSTALL NEW ANCHOR 7' TO THE EAST OF EXISTING ANCHOR. PROVIDE (1) PRIMARY GUY TO EACH ANCHOR. PROVIDE (1) SECONDARY GUY TO NEW ANCHOR. 25 kVAJ 120/240

TRACT A (ASLS 91-6)

PROJ	ECT: <u>DAVE'S CREEK 352 RELIABILITY IMPROVEMENTS – PHASE 2</u>			
DESI	GNER/PROJECT ENGINEER: <u>G. ERRICO / M. MILLER</u>		W.O. #:	2013983
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROV
0	ISSUED FOR CONSTRUCTION	GE/3-31-22	B (), 9/8/22	
1	ISSUED FOR CONSTRUCTION	GE/8-22-22		
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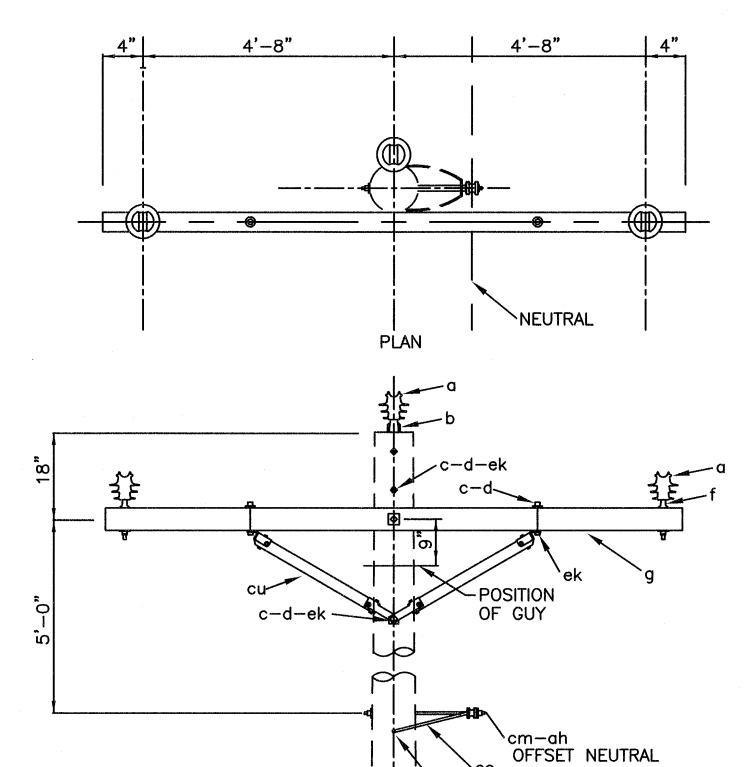
SHEET NOTES: 1. SEE GENERAL NOTES ON SHEET 1.

EXISTING: (2) SUME290S3. REMOVE: 4/0 RIBB, 4/0 RIBB, 35/6, VC1, SVG39-10, SUM52, SUM52A, M2-11. PROVIDE: 4/0 RIBB, 4/0 RIBB, 45/3, VC8F, SVG39-25, SUM52, SUM52A, (10') SHUR2-5, M2-11, SM52-3.

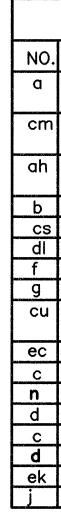
DAVE'S CREEK 352 RELIABILITY IMPROVEMENTS PHASE 2 GRID C010 LAYOUT PLAN F

E2013983

SHEET 7 OF 13



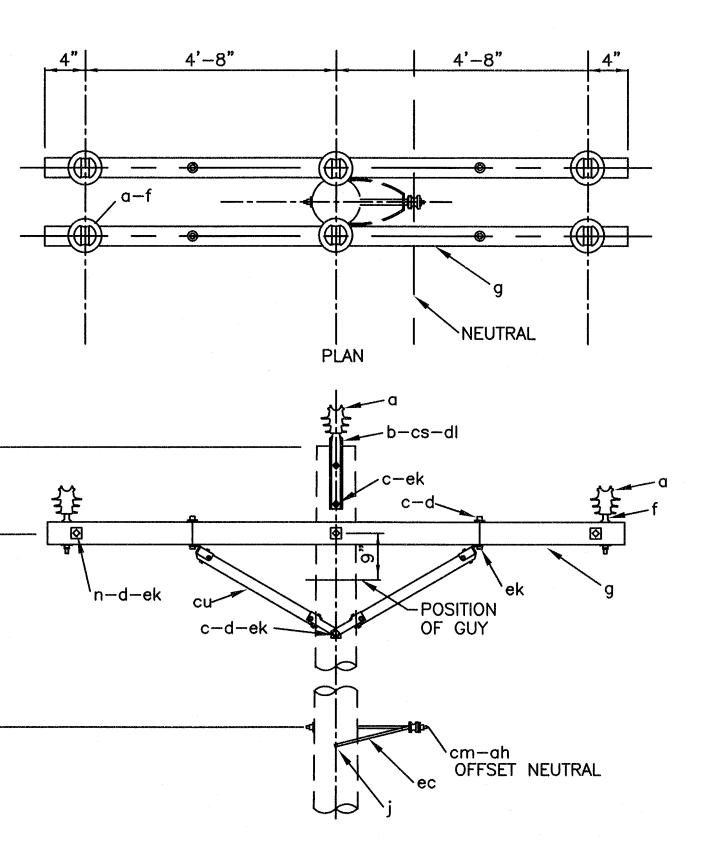
		MATERIAL LIST
NO.	Qty.	DESCRIPTION
a	3	INSULATOR, PIN TYPE, VISE TOP, 35kV, 1-3/8" THREAD, ANSI 55-7, PREFORMED# IP-35-VTN2 OR HENDRIX# HPI-35VT-02
cm	1	INSULATOR, SPOOL, 3", 1–3/4" NECK, ANSI 53–2 PREFORMED LINE PRODUCTS PART# IP–53–2
ah	1	TIE, WRAPLOCK, SPOOL, PREFORMED LINE PRODUCTS PART# SPL-1354-P, NO SUB.
b	1	PIN, POLE TOP, 20", 1–3/8" THREAD, CHANCE PART #SA2195
f	2	PIN, CROSSARM, STEEL, 7", $1-3/8$ " THREAD, CHANCE PART #4717P
g	1	CROSSARM, 3-5/8" x 4-5/8" X 10'-0"
cu	2	BRACE, WOOD, 60" SPAN, 18" DROP, HUGHES BROTHERS PART #2045-CC30-9-11
ec	1	BRACKET, OFFSET NEUTRAL, CHANCE PART #C2060004
С	4	BOLT, MACHINE, 5/8" × REQ'D LENGTH
d	5	WASHER, 2-1/4" SQUARE WITH 11/16" HOLE
С	2	BOLT, MACHINE, 1/2" x 6"
d	2	WASHER, 1–3/8" ROUND WITH 9/16" HOLE
ek	Company of the second se	LOCKNUTS, AS REQUIRED
j	2	SCREW, LAG, 1/2" x 4-1/2"





CERT.	PROJ	ECT: DAVE'S CREEK 352 RELIABILITY IMPROVEMENTS - PHASE 2			
		GNER/PROJECT ENGINEER: <u>G. ERRICO / M. MILLER</u>		W.O. #: _E	2013983
BY: EEE, L	NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROV
	0	ISSUED FOR CONSTRUCTION	GE/3-31-22	B (), 9/8/22	
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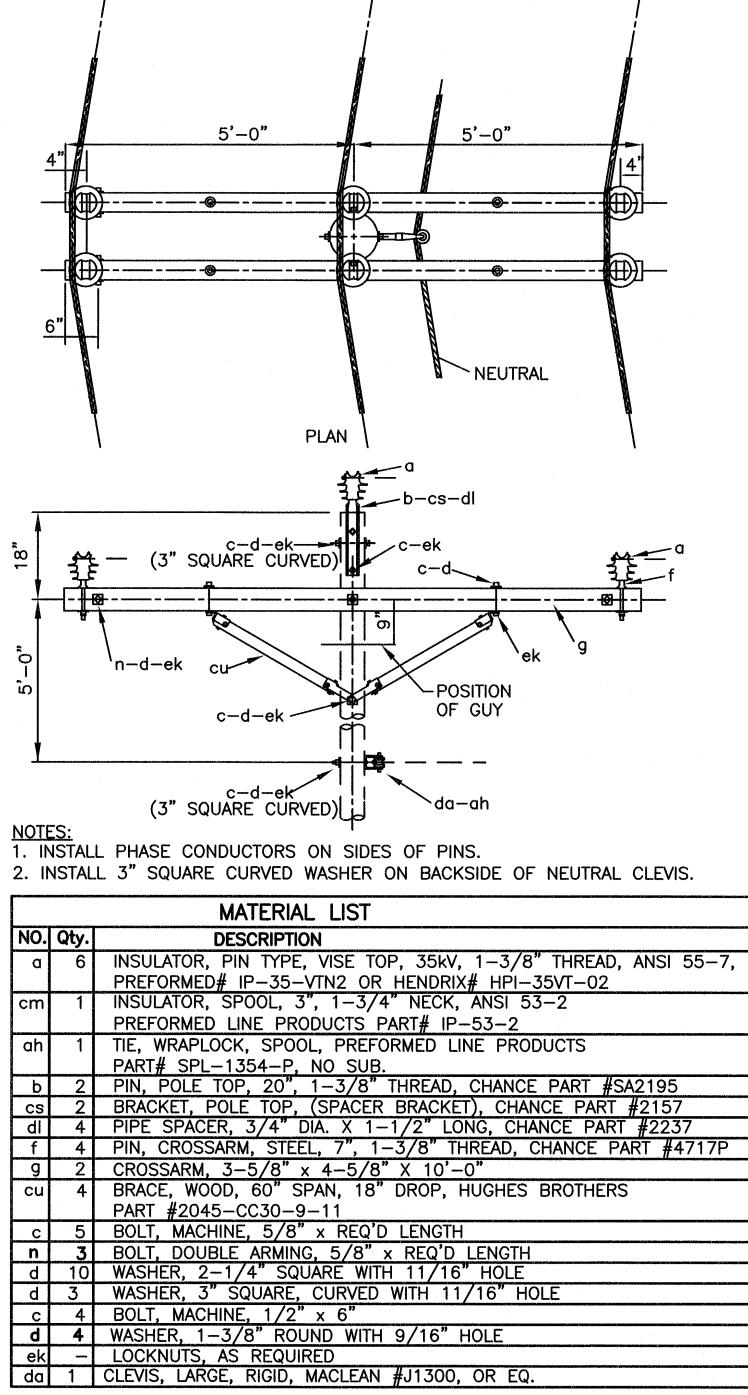
AECL1048, PO BOX 220471, ANCHORAGE, AK 99522, (907) 345-6168



		MATERIAL LIST
-		
	Qty.	DESCRIPTION
	6	INSULATOR, PIN TYPE, VISE TOP, $35kV$, $1-3/8$ " THREAD, ANSI 55-7,
		PREFORMED# IP-35-VTN2 OR HENDRIX# HPI-35VT-02
	1	INSULATOR, SPOOL, 3", 1-3/4" NECK, ANSI 53-2
		PREFORMED LINE PRODUCTS PART# IP-53-2
	1	TIE, WRAPLOCK, SPOOL, PREFORMED LINE PRODUCTS
		PART# SPL-1354-P, NO SUB.
	2	PIN, POLE TOP, 20", 1-3/8" THREAD, CHANCE PART #SA2195
	2	BRACKET, POLE TOP, (SPACER BRACKET), CHANCE PART #2157
	4	PIPE SPACER, 3/4" DIA. X 1-1/2" LONG, CHANCE PART #2237
	4	PIN, CROSSARM, STEEL, 7", $1-3/8$ " THREAD, CHANCE PART #4717P
	2	CROSSARM, 3-5/8" x 4-5/8" X 10'-0"
	4	BRACE, WOOD, 60" SPAN, 18" DROP, HUGHES BROTHERS
		PART #2045-CC30-9-11
	1	BRACKET, OFFSET NEUTRAL, CHANCE PART #C2060004
	3	BOLT, MACHINE, 5/8" × REQ'D LENGTH
	3	BOLT, DOUBLE ARMING, 5/8" x REQ'D LENGTH
	10	WASHER, 2-1/4" SQUARE WITH 11/16" HOLE
	4	BOLT, MACHINE, 1/2" × 6"
	4	WASHER, 1–3/8" ROUND WITH 9/16" HOLE
		LOCKNUTS, AS REQUIRED
	2	SCREW, LAG, 1/2" x 4-1/2"

	4	4"	5'-0"
	<u> </u>	5"	PLAN
18"			c-d-ek
	+		
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5'-0"			n-d-ek cu
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			c-d-ek
	ł		
			c-d-ek (3" SQUARE CURVED)
		<u>-S:</u>	-1-
			L PHASE CONDUCTORS ON SIDE L 3" SQUARE CURVED WASHER
Z.		NSTAL	L 3 SQUARE CURVED WASHER
			MATERIAL LIST
		Qty.	DESCRIPTION
	a	6	INSULATOR, PIN TYPE, VISE T PREFORMED# IP-35-VTN2 OF
С	m	1	INSULATOR, SPOOL, $3''$, $1-3/$
-			PREFORMED LINE PRODUCTS
a	ıh	1	TIE, WRAPLOCK, SPOOL, PREF PART# SPL-1354-P. NO SUF
	b	2	PART# SPL-1354-P, NO SUE PIN, POLE TOP, 20", 1-3/8"
2	S:	2	BRACKET, POLE TOP, (SPACE PIPE SPACER, 3/4" DIA. X 1
	<u>1 </u> f	4	PIPE SPACER, 3/4 DIA. X I PIN, CROSSARM, STEEL, 7",
	ģ	2	CROSSARM. $3-5/8" \times 4-5/8$
	u	4	CROSSARM, 3-5/8" x 4-5/8 BRACE, WOOD, 60" SPAN, 18
			PART #2045-CC30-9-11 BOLT, MACHINE, 5/8" x REQ'
-	c n	5 3	BOLT, MACHINE, 5/8 X REQ BOLT, DOUBLE ARMING, 5/8"
	d	10	I WASHER. Z-1/4 SQUARE WI
	d	3	WASHER, 3" SQUARE, CURVED
	с	4	BOLT, MACHINE, 1/2" x 6"
	d	4	WASHER, $1-3/8$ " ROUND WITH
1 4	-k		LOCKNUTS AS REQUIRED





VC2R NOT TO SCALE

DAVE'S CREEK 352 RELIABILITY IMPROVEMENTS PHASE 2

.

DETAILS

E2013983

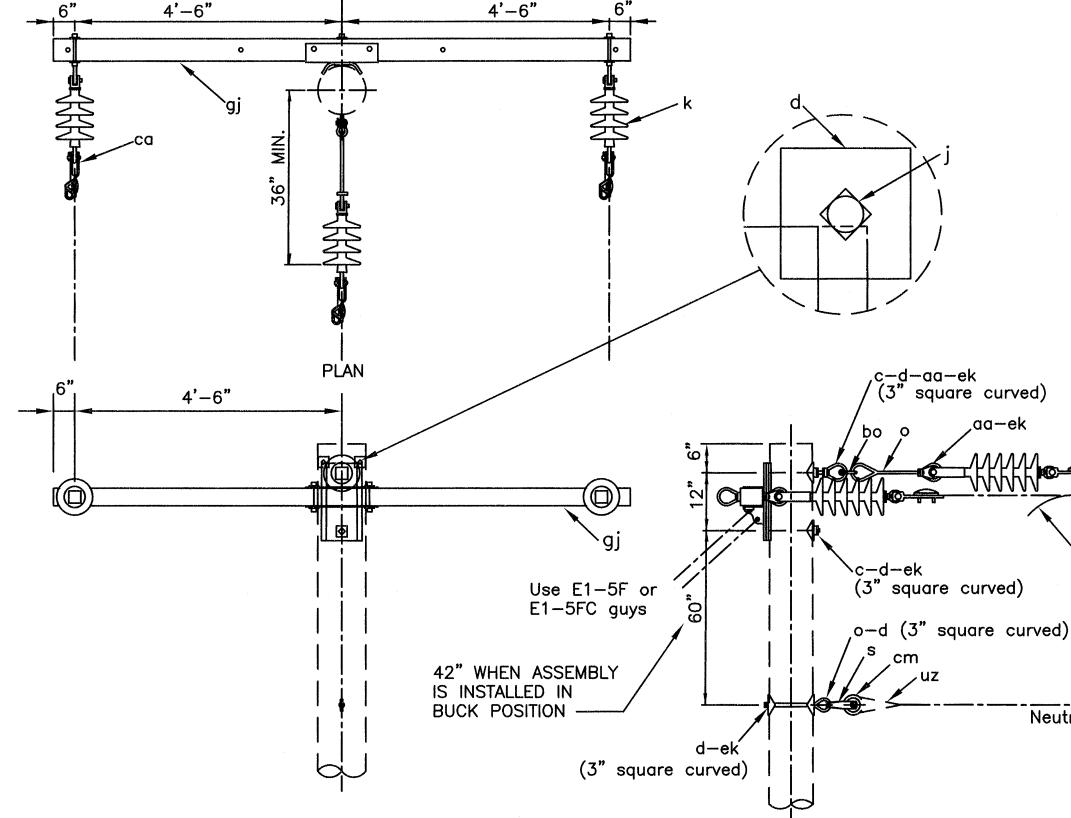
SHEET 8 OF 13

	PROJ	ECT: DAVE'S CREEK 352 RELIABILITY IMPROVEMENTS - PHASE 2			
ş	DESI	GNER/PROJECT ENGINEER: G. ERRICO / M. MILLER		W.O. #: <u>E</u>	2013983
j	NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVE
	0	ISSUED FOR CONSTRUCTION	GE/3-31-22	B () 9/8/22	
ā	1	ISSUED FOR CONSTRUCTION	GE/8-22-22		
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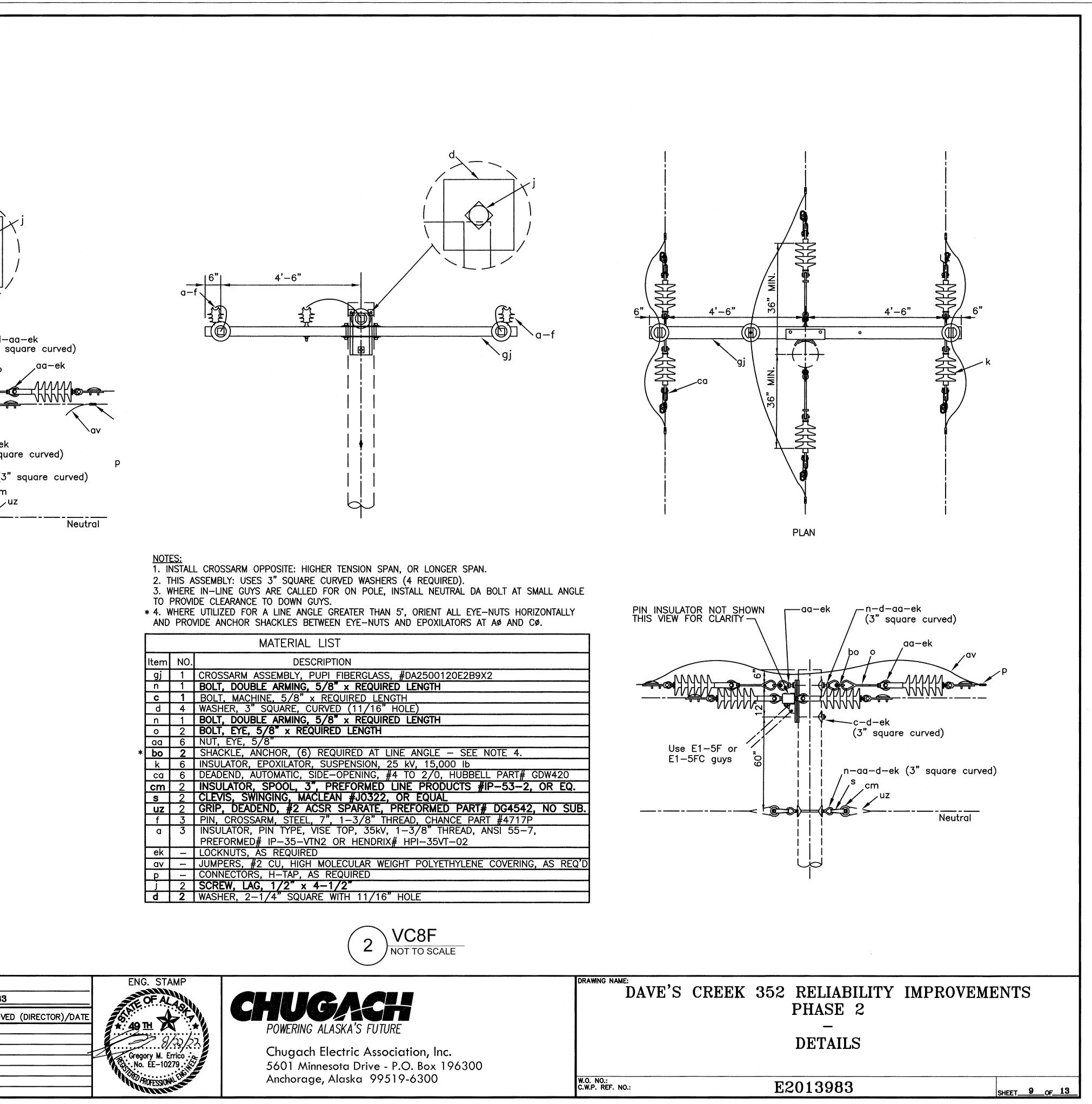


		MATERIAL LIST
Item	NO.	DESCRIPTION
gj	1	CROSSARM ASSEMBLY, PUPI FIBERGLASS, #DA2500120E2B9X2
С	2	BOLT, MACHINE, 5/8" × REQUIRED LENGTH
d	4	WASHER, 3" SQUARE, CURVED (11/16" HOLE)
0	2	BOLT, EYE, 5/8" × REQUIRED LENGTH
aa	2	NUT, EYE, 5/8"
bo	1	SHACKLE, ANCHOR
k	3	INSULATOR, EPOXILATOR, SUSPENSION, 25 kV, 15,000 lb
ca	3	DEADEND, AUTOMATIC, SIDE-OPENING, #4 TO 2/0, HUBBELL PART# GDW420
cm	1	INSULATOR, SPOOL, 3", PREFORMED LINE PRODUCTS #IP-53-2, OR EQ.
S	1	CLEVIS, SWINGING, MACLEAN #J0322, OR EQUAL
uz	1	GRIP, DEADEND, #2 ACSR SPARATE, PREFORMED PART# DG4542, NO SU
ek		LOCKNUTS, AS REQUIRED
av	-	JUMPERS, #2 CU, HIGH MOLECULAR WEIGHT POLYETHYLENE COVERING, AS REC
р	_	CONNECTORS, H-TAP, AS REQUIRED
j	2	SCREW, LAG, $1/2^{"} \times 4 - 1/2^{"}$
d	2	WASHER, 2–1/4" SQUARE, WITH 11/16" HOLE

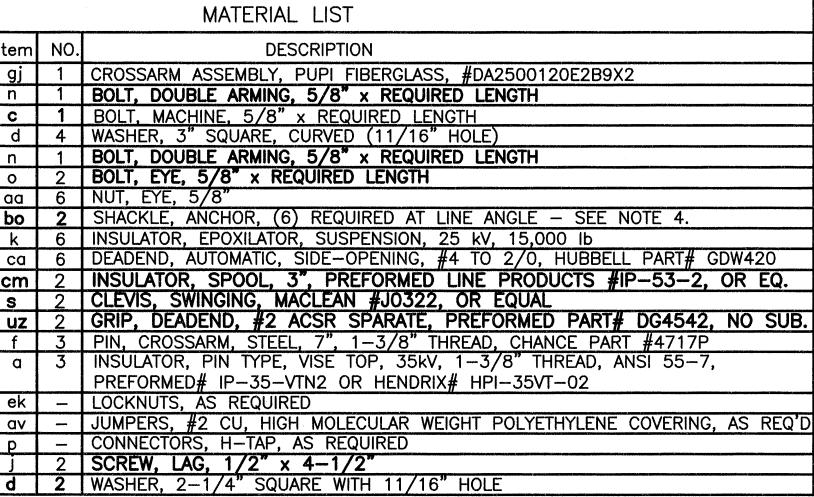
NOTES: 1. THIS ASSEMBLY USES: 3" SQUARE CURVED WASHERS (4 REQUIRED). 2. WHERE UTILIZED AS BUCK ARM, INSTALL 3'-6" BELOW LINE CROSSARM (CROSSARM TO CROSSARM SPACING), OR AT HEIGHT SHOWN ON DRAWINGS OR STAKING SHEETS.



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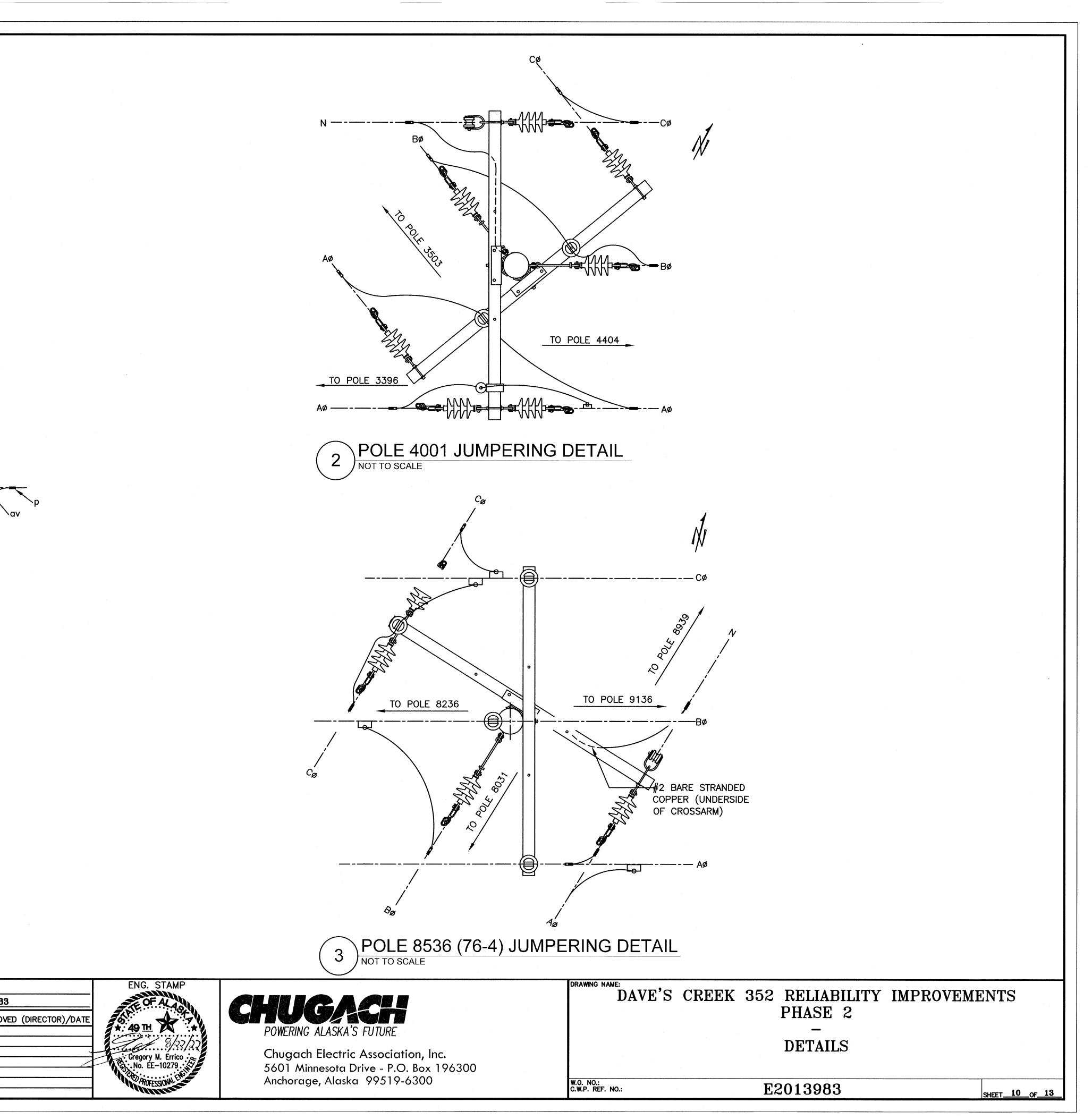
3'-6" 3'-6" ० 0 0 `s-cm-uz PLAN 3'-6" `c-d-ek
(3" square curved) Use E1-5F or E1-5FC guys

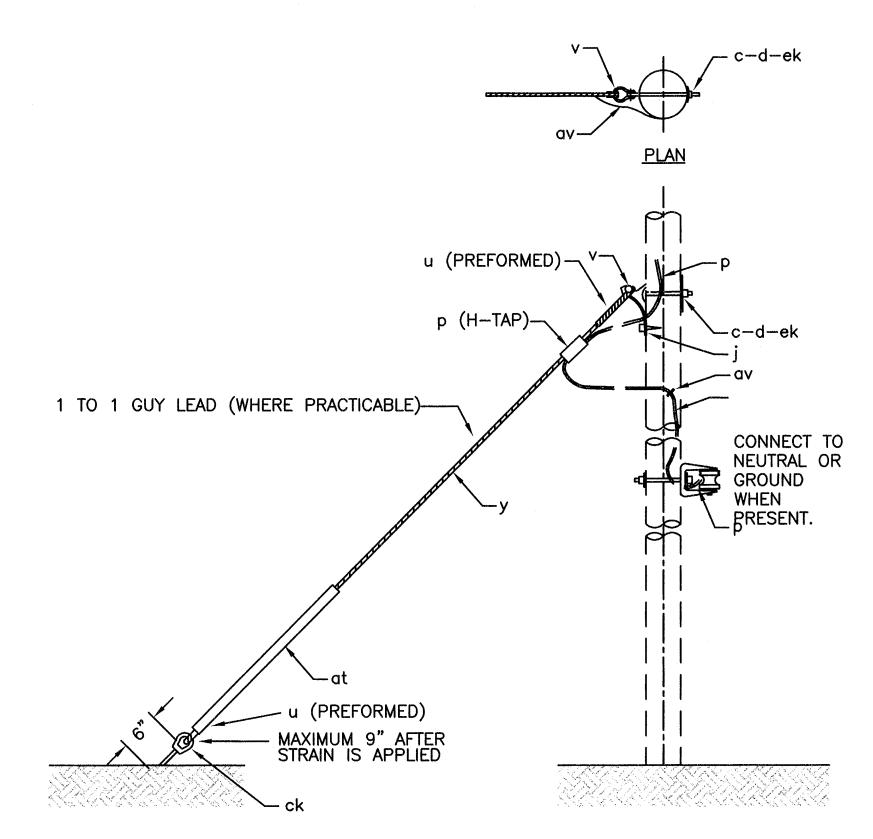
NOTES: 1. THIS ASSEMBLY USES: 3" SQUARE CURVED WASHERS (2 REQUIRED). 2. WHERE UTILIZED AS BUCK ARM, INSTALL 3' BELOW LINE CROSSARM (CROSSARM TO CROSSARM SPACING), OR AT HEIGHT SHOWN ON DRAWINGS OR STAKING SHEETS.

		MATERIAL LIST
Item	NO.	DESCRIPTION
gj	1	CROSSARM ASSEMBLY, PUPI FIBERGLASS, #DA200096E2B7X2
С	2	BOLT, MACHINE, 5/8" x REQUIRED LENGTH
d	2	WASHER, 3" SQUARE, CURVED (11/16" HOLE)
k	1	INSULATOR, EPOXILATOR, SUSPENSION, 25 kV, 15,000 lb
са	1	DEADEND, AUTOMATIC, SIDE-OPENING, #4 TO 2/0, HUBBELL PART# GDW420
cm	1	INSULATOR, SPOOL, 3", PREFORMED LINE PRODUCTS #IP-53-2, OR EQ.
S	1	CLEVIS, SWINGING, MACLEAN #J0322, OR EQUAL
uz	1	GRIP, DEADEND, #2 ACSR SPARATE, PREFORMED PART# DG4542, NO SUB.
ek	-	LOCKNUTS, AS REQUIRED
av	_	JUMPERS, $#2$ CU, HIGH MOLECULAR WEIGHT POLYETHYLENE COVERING, AS REQ'D
р		CONNECTORS, H-TAP, AS REQUIRED
j	2	SCREW, LAG, $1/2" \times 4 - 1/2"$
b	2	WASHER, 2-1/4" SQUARE WITH 11/16" HOLE



PRO	JECT: <u>DAVE'S CREEK 352 RELIABILITY IMPROVEMENTS – PHASE 2</u>			
DESI	GNER/PROJECT ENGINEER: G. ERRICO / M. MILLER		W.O. #: _E	2013983
NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVE
0	ISSUED FOR CONSTRUCTION	GE/3-31-22	<i>B</i> (), 9/8/22	
1	ISSUED FOR CONSTRUCTION	GE/8-22-22		





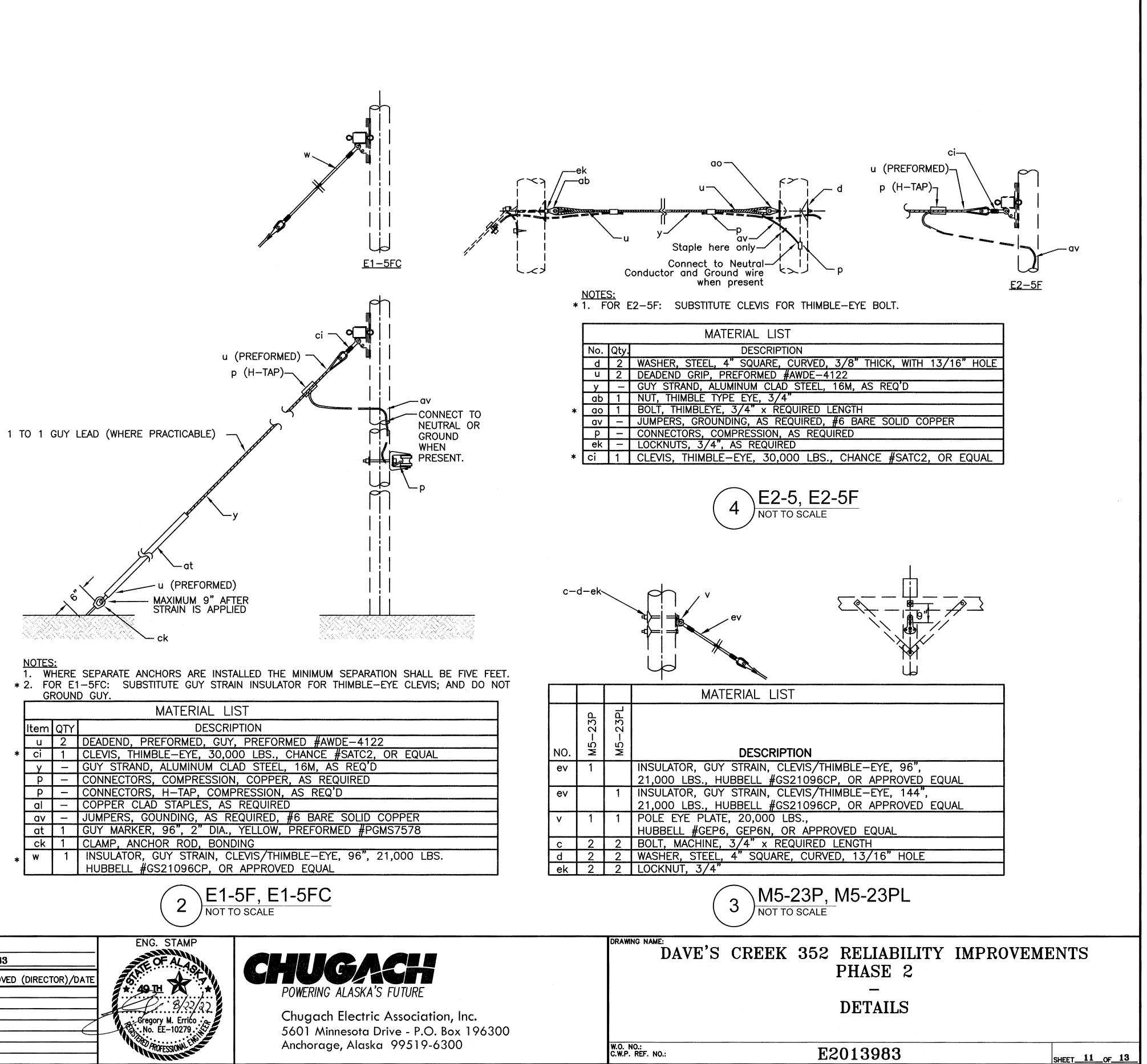
NOTES: 1. WHERE SEPARATE ANCHORS ARE INSTALLED THE MINIMUM SEPARATION SHALL BE FIVE FEET.

2. PROVIDE A SEPARATE BOLT FOR GUY. DO NOT SHARE A SECONDARY OR NEUTRAL ATTACHMENT BOLT.

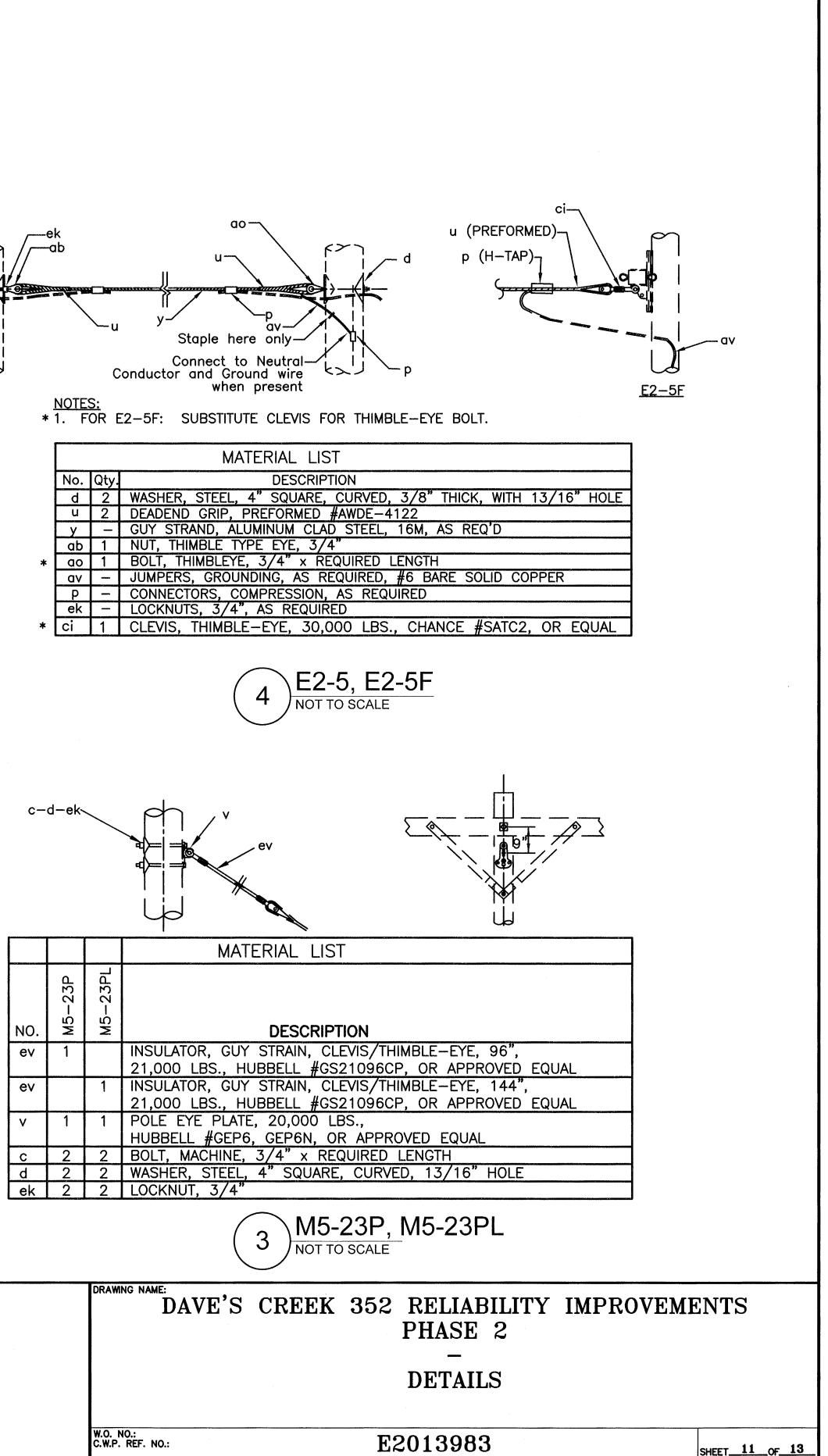
		MATERIAL LIST
ltem	QTY	DESCRIPTION
С	1	BOLT, MACHINE, 3/4" X REQ'D LENGTH
d	1	WASHER, STEEL, 4" SQUARE, STEEL, CURVED, 13/16" HOLE, 3/8" THICK
ek	1	LOCKNUTS, 3/4"
j	1	SCREW, LAG 1/2' x 4-1/2"
р		CONNECTORS, COMPRESSION, COPPER, AS REQUIRED
р		CONNECTORS, H-TAP, COMPRESSION, AS REQ'D
u	2	DEADEND, PREFORMED, GUY, PREFORMED #AWDE-4122
V	1	GUY, ATTACHMENT, HOOK TYPE, 18,500 LBS, CHANCE #GH6, OR APPR. EQ.
У		GUY STRAND, ALUMINUM CLAD STEEL, 16M, AS REQ'D
al		COPPER CLAD STAPLES, AS REQUIRED
av	-	JUMPERS, GOUNDING, AS REQUIRED, #6 BARE SOLID COPPER
at	. 1	GUY MARKER, 96", 2" DIA., YELLOW, PREFORMED #PGMS7578
ck	1	CLAMP, ANCHOR ROD, BONDING

E1-5 NOT TO SCALE

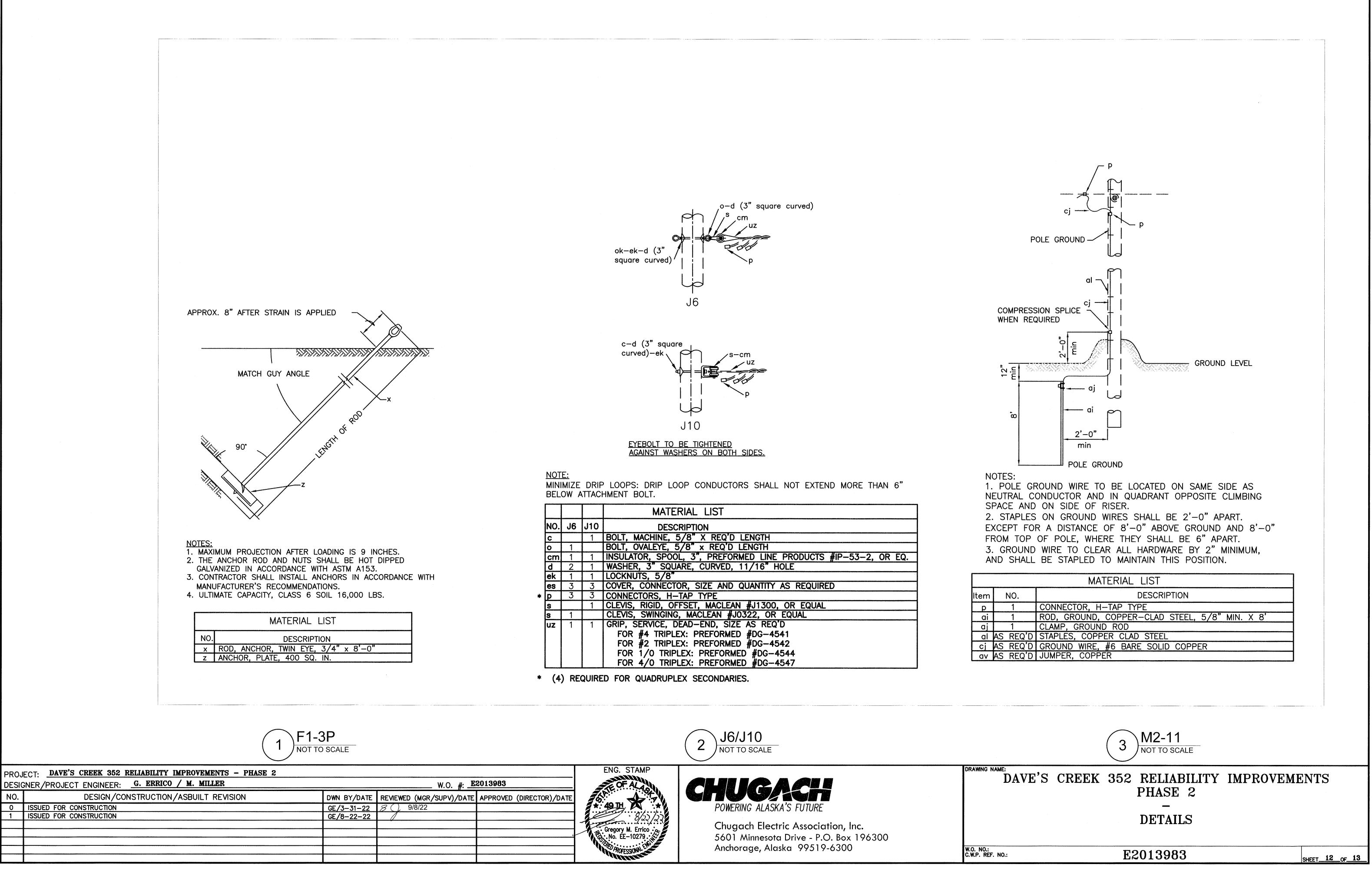
CERT	PROJ	ECT: DAVE'S CREEK 352 RELIABILITY IMPROVEMENTS - PHASE 2			
		GNER/PROJECT ENGINEER: <u>G. ERRICO / M. MILLER</u>		W.O. #: <u>E</u>	2013983
EEE, L	NO.	DESIGN/CONSTRUCTION/ASBUILT REVISION	DWN BY/DATE	REVIEWED (MGR/SUPV)/DATE	APPROVE
	0	ISSUED FOR CONSTRUCTION	GE/3-31-22	B (), 9/8/22	
à	1	ISSUED FOR CONSTRUCTION	GE/8-22-22		
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	MATERIAL LIST					
Item		DESCRIPTION				
u	2	DEADEND, PREFORMED, GUY, PREFORMED #AWDE-4122				
ci	1	CLEVIS, THIMBLE-EYE, 30,000 LBS., CHANCE #SATC2, OR EQUAL				
у	1	GUY STRAND, ALUMINUM CLAD STEEL, 16M, AS REQ'D				
р	-	CONNECTORS, COMPRESSION, COPPER, AS REQUIRED				
P – CONNECTORS, H-TAP, COMPRESSION, AS REQ'D						
al						
av	 JUMPERS, GOUNDING, AS REQUIRED, #6 BARE SOLID COPPER 					
at 1 GUY MARKER, 96", 2" DIA., YELLOW, PREFORMED #PGMS7578						
ck 1 CLAMP, ANCHOR ROD, BONDING						
W	1	INSULATOR, GUY STRAIN, CLEVIS/THIMBLE-EYE, 96", 21,000 LBS. HUBBELL #GS21096CP, OR APPROVED EQUAL				
	u ci y p a a a t ck	ci 1 y - p - p - al - av - at 1 ck 1				



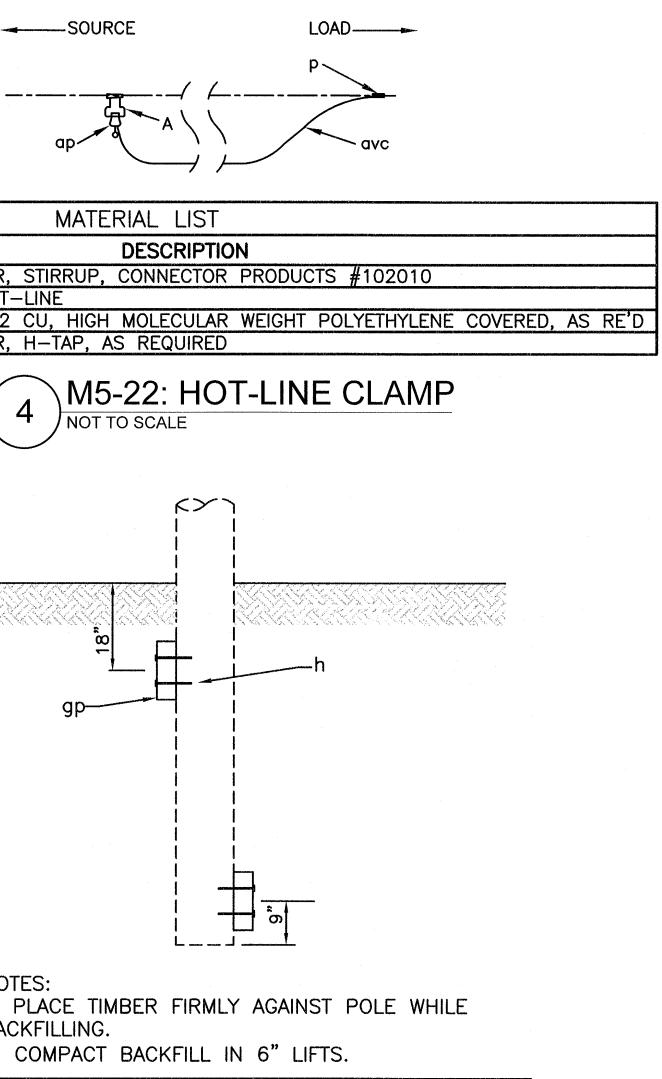
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	ENG. STAMP	CHUGACH	D
DATE	* 49 IH * *	POWERING ALASKA'S FUTURE	
	Gregory M. Errico	Chugach Electric Association, Inc.	

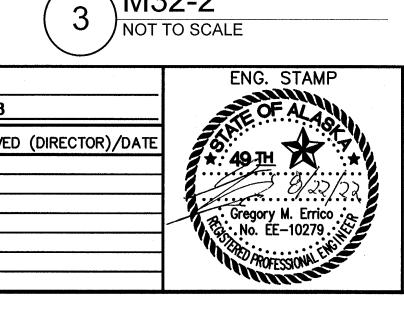


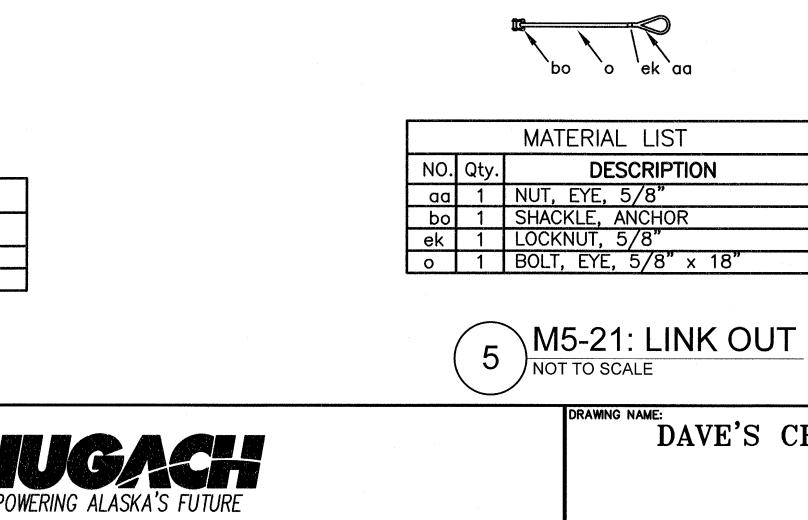
			MATERIAL LIST
NO.	J6	J10	DESCRIPTION
С		1	BOLT, MACHINE, 5/8" X REQ'D LENGTH
0	1		BOLT, OVALEYE, 5/8" × REQ'D LENGTH
cm	1	1	INSULATOR, SPOOL, 3", PREFORMED LINE PRODUCTS $\#IP-53-2$, OR EQ.
d	2	1	WASHER, 3" SQUARE, CURVED, 11/16" HOLE
ek	1	1	LOCKNUTS, 5/8"
es	3	3	COVER, CONNECTOR, SIZE AND QUANTITY AS REQUIRED
р	3	3	CONNECTORS, H-TAP TYPE
S		1	CLEVIS, RIGID, OFFSET, MACLEAN #J1300, OR EQUAL
S	1		CLEVIS, SWINGING, MACLEAN #J0322, OR EQUAL
uz	1	1	GRIP, SERVICE, DEAD-END, SIZE AS REQ'D
			FOR #4 TRIPLEX: PREFORMED #DG-4541
			FOR #2 TRIPLEX: PREFORMED #DG-4542
			FOR 1/0 TRIPLEX: PREFORMED #DG-4544
			FOR 4/0 TRIPLEX: PREFORMED #DG-4547

l l
J10
EYEBOLT TO BE TIGHTENED
AGAINST WASHERS ON BOTH SIDES.

[
	MATERIAL LIST NO [Qty.]	SOURCE LOAD
	a 1 INSULATOR, PIN TYPE, VISE TOP, 35kV, 1–3/8" THREAD, ANSI 55–7, PREFORMED# IP-35-VTN2 OR HENDRIX# HPI-35VT-02 f 1 PIN, CROSSARM, STEEL, 7", 1–3/8" THREAD, CHANCE PART #4717P ah – JUMPERS, #2 CU, HIGH MOLECULAR WEIGHT POLYETHYLENE COVERING, AS REQ'D	D - CONNECTOR, H-TAP, AS REQUIRED
	p - CONNECTORS, H-TAP, AS REQUIRED	4 NOT TO SCALE
j-6168		gp
, AK 99522, (907) 345-	p-av	
X 220471, ANCHORAGE	MATERIAL LIST NO. Qty. DESCRIPTION	NOTES: 1. PLACE TIMBER FIRMLY AGAINST POLE WHILE BACKFILLING. 2. COMPACT BACKFILL IN 6" LIFTS.
AECL1048, PO BOX	k 1 INSULATOR, EPOXILATOR, SUSPENSION, 25 kV, 15,000 Ib ca 1 DEADEND, AUTOMATIC, SIDE-OPENING, #4 TO 2/0, HUBBELL PART# GDW420 av - JUMPERS, #2 CU, HIGH MOLECULAR WEIGHT POLYETHYLENE COVERING, AS REQ'D p - CONNECTORS, H-TAP, AS REQUIRED	MATERIAL LIST NO. QTY DESCRIPTION h 4 SPIKE, 8" gp 2 TIMBER, POLE KEY, 4"x12"x48"
OF AUTH. NO.: A	1 VM5-20 NOT TO SCALE	3 M32-2 NOT TO SCALE
, CERT.	PROJECT: <u>Dave's creek 352 reliability improvements – phase 2</u> Designer/project engineer: <u>G. Errico / M. Miller</u>	W.O. #: E2013983 ENG. STAMP
EEE, LLC,	NO. DESIGN/CONSTRUCTION/ASBUILT REVISION DWN BY/DATE R	EVIEWED (MGR/SUPV)/DATE APPROVED (DIRECTOR)/DATE
ED BY: E	0 ISSUED FOR CONSTRUCTION GE/3-31-22 7 1 ISSUED FOR CONSTRUCTION GE/8-22-22	3 () 8 22/22 Ch

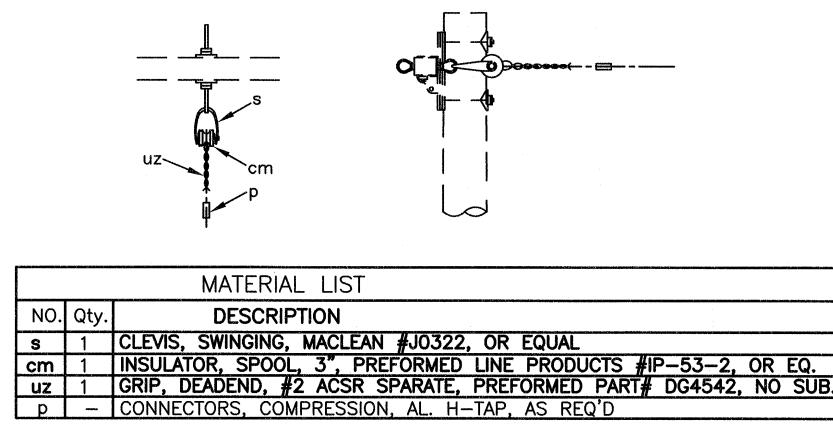


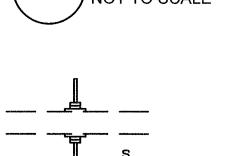


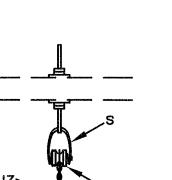


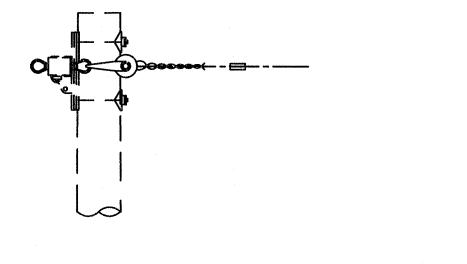
Chugach Electric Association, Inc. 5601 Minnesota Drive - P.O. Box 196300

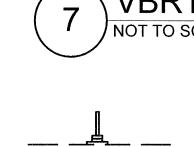
Anchorage, Alaska 99519-6300











NO. Qty.

_

W.O. NO.: C.W.P. REF. NO.:

M5-25 6



MATERIAL LIST

NO.	Qty.	DESCRIPTION
aa	1	NUT, EYE, 5/8"
bo	1	SHACKLE, ANCHOR
ek	1	LOCKNUT, 5/8"
0	1	BOLT, EYE, 5/8" ×

E2013983

SHEET 13 OF 13

DETAILS

DAVE'S CREEK 352 RELIABILITY IMPROVEMENTS

PHASE 2



			447347) 30 Yoo Andrea (Marine Marine and Ari	Leil Mith Weilt in Art Stanger guns a frein General Engernanne		1
						1
J0322	, OR	EQUAL	ana ya ana ana ana ana ana ana ana ana a	Min 498 - Anna Anna Anna Anna Anna Anna Anna An		
DRMED	LINE	PRODU	JCTS :	#IP-53-2,	OR EC).
				# DG4542		
AL. H-	-TAP,	AS RE	Q'D		นักและดะกละเหน่ามากสมหรับของและ	

VBRTN DMPR: VIBRATION DAMPER

	MATERIAL LIST
Qty.	DESCRIPTION
1	VIBRATION DAMPER, SPIRAL, FOR 16M GUY WIRE: PREFORMED #5050104, OR EQ.