

In Design

BIDSHEET

for

PROJECT : E1913914
ALYESKA SUBD. BLK 2 OH/UG

Work Request: E1913914
Design No.: E1913914 1
Capital Account: 10720/000/03/7665
Reimbursible Account: / / /
Retirement Account: 10880/326/03/7665
Work Plan No:

Project Type: Line extension-Commercial-Small

Reviewed by Designer/Project Engineer: Vladimir Krivonosov Date: 06/22/2023
Vladimir Krivonosov
Reviewed by Supervisor/Manager: Brad Jackson Date: 5/21/24
Supervisor

Remarks:

Assembly Unit	Proposed Quantity	Actual Quantity	Labor	Material	Labor & Material	Extended Labor & Material
1/0 CONC 25KV 1	1.170					
2 RIBB Service	0.180					
2/0 RIBB	0.125					
2/0 RIBB Service	0.655					
350 CONC 25KV	4.650					
4/0 RIBB	0.615					
4/0 RIBB Service	0.085					
6/2 UF	0.405					
BORE	1.025					
MANHOURS	300.000					
POLE45/1	1.000					
SE13	4.000					
SE14	1.000					
SE15	1.000					
SF4C	1.000					
SF7C	3.000					
SHUR2-3	0.165					
SHUR2-5	0.040					
SM2-11	4.000					
SR1-16	1.000					
STAG-2	3.000					
SUK5	5.000					
SUK7-LH	8.000					
SUK7-RH	3.000					
SUM1	4.000					
SUM1-GPA	2.000					
SUM1I	3.000					
SUM5	3.000					
SUM5012H	2.035					
SUM5014H	0.545					
SUM5014P	0.085					

Assembly Unit	Proposed Quantity	Actual Quantity	Labor	Material	Labor & Material	Extended Labor & Material
SUM5016FR	4.000					
SUM5024H	0.625					
SUM5026H	1.550					
SUM5A	1.000					
SUM6-1G-345MIL	10.000					
SUM6-25E 3 PH	4.000					
SUM6-32	3.000					
SUM6-3E 3 PH	9.000					
SUM6-4EL	3.000					
SUME290S2	2.000					
SUME290S3	2.000					
SUME430F4	2.000					
SUME445F4	2.000					
SUME490F3	11.000					
SUME490F4	2.000					
SUME490S2	2.000					
SUME630F5	2.000					
SUME645F5	2.000					
SUME690F4	26.000					
SUME690F5	4.000					
SUR2-3	0.830					
SUR2-5	0.385					
SURCG	0.245					
SURL	1.000					
SVC7A	1.000					
SVC7A-1	2.000					
SVUC3	4.000					
SVUG7-25	4.000					
SVUM3-9FI	3.000					
SWPPP-BP	1.000					
Traffic Control	1.000					

	Assembly Unit	Proposed Quantity	Actual Quantity	Labor	Material	Labor & Material	Extended Labor & Material
	XSUM8	11.000					
*	1/0 TPX Secondary	0.170					
*	2 TPX Secondary	0.310					
*	2 TPX Service	0.555					
*	4/0 ACSR	4.020					
*	4/0 ACSR NEUTRAL	1.340					
*	6 DPX	0.130					
*	J11	23.000					
*	K16C	10.000					
*	POLE35/5	3.000					
*	POLE40/2	1.000					
*	POLE40/4	6.000					
*	SE13	1.000					
*	SE1-3	2.000					
*	SE14	3.000					
*	SE15	3.000					
*	SE1-5	2.000					
*	SF4C	2.000					
*	SF4P	3.000					
*	SF4PL	3.000					
*	SF7C	2.000					
*	SK16	2.000					
*	STAG-2	3.000					
*	SUK5	2.000					
*	SUM5	6.000					
*	SUM5016FR	1.000					
*	SUM5A	2.000					
*	SUM6-25E 3 PH	1.000					
*	SUME690F4	2.000					
*	SVC7	1.000					
*	SVC7-1	2.000					

	Assembly Unit	Proposed Quantity	Actual Quantity	Labor	Material	Labor & Material	Extended Labor & Material
*	SVC7A-1	1.000					
*	SVC8-1	1.000					
*	SVC9-2	1.000					
*	SVG39-25	5.000					
*	SVG39-50	2.000					
*	SVM5-2R	1.000					
*	SVM5-9B 3 PH	3.000					
*	SVUC3	1.000					
*	VC1-2	6.000					
*	VC1-3	1.000					
*	VM5-5	4.000					
*	2 RIBB Secondary	0.050					
*	2/0 RIBB Service	0.090					
*	4/0 RIBB	0.020					
*	4/0 RIBB Service	0.060					

CHUGACH ELECTRIC ASSOCIATION, INC.
Anchorage, Alaska

RIGHT-OF-WAY REPORT

WORK ORDER NO. E1913914/RW-E1913914

DATE: February 6, 2024

SUBJECT: Alyeska Basin Subdivision, Blk. 1, Lot 9 & Tr. H
Alyeska Subdivision, Blk. 1 (all) and Blk 2, Lots 1-5 and 8-12
1Ø Overhead to Underground System Improvement

Easements:

(X) 1. Plats 63-18, 64-3, 66-163, and 66-169 contain MOA Utility easements, and specific easements within the project area are on file. *No additional easements are required.

Permits:

- ✓ 1. MOA ROW Permit application submitted February 6, 2024.
MOA PERMIT RCVD. 2/14/24 - BJ
- () 2. Chugach to submit TCP to MOA ROW once received from Contractor.
- (X) 3. *Hi-Line permit BLM 05028 affects Tr. H. No additional permit or easement required.
- (X) 4. Wetlands permit not required per MOA Wetlands Map 21.

Clearing:

- () 1. Limited clearing required within the Utility easements.

Notice Of Construction Letters:

- () 1. NOC letters are required and will be sent to affected property owners by May 1, 2024, once construction dates are received in Land Services.
- () 2. Notification to property owners with encroachments requiring them to move structures out of the easement areas will be mailed by May 1, 2024, once construction dates are received in Land Services.



Deanna Kilburn
Right-of-Way Agent III

In Design
STAKING SHEET

for
PROJECT: E1913914
ALYESKA SUBD. BLK 2 OH/UG

Work Request: E1913914
Design: E1913914 1
Capital Account: 10720/000/03/7665
Reimbursible Account: / / /
Retirement Account: 10880/326/03/7665
Work Plan No:
Project Type: Line extension-Commercial-Small
Work Order Number: 1Ø UG OH SPAN FROM ALYESKA 1

Reviewed by Designer/Project Engineer: Vladimir Krivonosov Date: 06/22/2023
Reviewed by Supervisor/Manager: Vladimir Krivonosov
Brad Jackson Date: 5/21/24
Supervisor

Remarks:

- L-ADAPTERS:
- SERVICE L-ADAPTERS ARE ONLY FOR USE WITH 200A MAX SERVICES USING #2/0 OR SMALLER RIBB OR QUAD
- ALL CONDUIT CONNECTION MUST BE MADE ACCORDING TO THE ELECTRIC SERVICE REQUIREMENTS, AND USE INSULATED GROUNDING BUSHINGS
- PROVIDE #6 BARE SOLID COPPER FROM SERVICE GROUND BUS TO BOX GROUND LUGS AND CONDUIT GROUND LUGS
- RISER SECTION BETWEEN SERVICE AND L-ADAPTER MUST BE GRC

Chugach Electric Association
5601 Electron Drive
Anchorage, AK 99518

Designer _____ Date ____/____/____
Checker _____ Date ____/____/____
Manager _____ Date ____/____/____

Structure:	00. GENERAL					
Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
MANHOURS	Install	0	300	MANHOURS (MANHOUR OF LABOR)		
SR1-16	Install	1	1	SR1-16 (CLEARING, 16' FOR UG LINES)		
SURL	Install	0	1	SURL (LANDSCAPING)		
SWPPP-BP	Install	0	1	SWPPP-BP (STORM WATER PLAN - BP)		
Traffic Control	Install	0	1	Traffic Control (Traffic Control)		

Remarks:

Structure:	01. POLE 2457					
Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
POLE45/1	Install	0	1	POLE45/1 (POLE, 045 CLASS 1)		
SE15	Install	0	1	SE15 (DOWN GUY, DBL. 32M)		
SF7C	Install	0	1	SF7C (ANCHOR, 7' CONCRETE)		
SM2-11	Install	0	1	SM2-11 (POLE GROUNDING ASSY)		
SUM5016FR	Install	0	1	FIRST 10FT SPARE EMPTY 6" FG RISER		
SUM6-25E 3 PH	Install	0	1	SUM6-25E (350 MCM PRIMARY TERMINATION)		
SUME690F4	Install	0	1	SUME690F4 (6" FG 90D 48"R)		
SUME690F4	Install	0	1	SUME690F4 (6" FG 90D 48"R)		
SVC7A-1	Install	0	1	SVC7A-1 (XARM SINGLE DEADEND)		
SVUC3	Install	0	1	SVUC3 (3 PH FEEDER TP-25KV-350)		

Remarks: -SET DEPTH: 6.5'
-LEAD LENGTH: 30'

Structure:	02. SC 1214					
Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
350 CONC 25KV	Install	3	15	350 CONCENTRIC PRIMARY 25KV		
SUM1I	Install	0	1	SUM1I (CONCRETE PAD VISTA)		
SUM5026H	Install	1	15	SUM5026H - Conduit ((2) 6" HDPE CONDUIT)		
SUM6-1G-345MIL 1	Install	0	1	ELBOW UG 15/26KV ELBOW TERM 1/0 200A		
SUM6-3E 3 PH	Install	0	1	SUM6-3E (DEAD BREAK ELBOW 350 MCM)		
SUM6-3E 3 PH	Install	0	1	SUM6-3E (DEAD BREAK ELBOW 350 MCM)		
SUM6-4EL	Install	0	1	3-PH UG CURNT RESET FI, 600A TRIP		
SUME490F4	Install	0	1	SUME490F4 (4" FG 90 48")		
SUME690F4	Install	0	1	SUME690F4 (6" FG 90D 48"R)		
SUME690F4	Install	0	1	SUME690F4 (6" FG 90D 48"R)		
SUME690F4	Install	0	1	SUME690F4 (6" FG 90D 48"R)		
SUME690F4	Install	0	1	SUME690F4 (6" FG 90D 48"R)		
SUR2-5	Install	1	15	SUR2-5 (PRIMARY TRENCH)		
SURCG	Install	1	15	SURCG (GRAVEL ROAD CROSSING)		
SVUM3-9FI	Install	0	1	SVUM3-9FI (SPECIAL ORDER MATERIAL)		

Remarks: -BRAD IS CREATING DEAD BREAK ELBOW UNIT FOR 1/0 CONC

Structure:	03. SC 1215					
Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
350 CONC 25KV	Install	3	465	350 CONCENTRIC PRIMARY 25KV		
BORE	Install	1	390	BORE		
SUM1I	Install	0	1	SUM1I (CONCRETE PAD VISTA)		
SUM5026H	Install	1	465	SUM5026H - Conduit ((2) 6" HDPE CONDUIT)		
SUM6-3E 3 PH	Install	0	1	SUM6-3E (DEAD BREAK ELBOW 350 MCM)		
SUM6-3E 3 PH	Install	0	1	SUM6-3E (DEAD BREAK ELBOW 350 MCM)		
SUM6-3E 3 PH	Install	0	1	SUM6-3E (DEAD BREAK ELBOW 350 MCM)		
SUM6-3E 3 PH	Install	0	1	SUM6-3E (DEAD BREAK ELBOW 350 MCM)		
SUM6-4EL	Install	0	1	3-PH UG CURNT RESET FI, 600A TRIP		
SUME630F5	Install	0	2	SUME630F5 (6" FG 30 60")		
SUME645F5	Install	0	2	SUME645F5 (6" FG 45 60")		
SUME690F4	Install	0	1	SUME690F4 (6" FG 90D 48"R)		
SUME690F4	Install	0	1	SUME690F4 (6" FG 90D 48"R)		
SUME690F4	Install	0	1	SUME690F4 (6" FG 90D 48"R)		
SUME690F4	Install	0	1	SUME690F4 (6" FG 90D 48"R)		
SUME690F4	Install	0	1	SUME690F4 (6" FG 90D 48"R)		
SUME690F4	Install	0	1	SUME690F4 (6" FG 90D 48"R)		
SUME690F4	Install	0	1	SUME690F4 (6" FG 90D 48"R)		
SUR2-5	Install	1	75	SUR2-5 (PRIMARY TRENCH)		

Structure:03. SC 1215

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
SURCG	Install	1	70	SURCG (GRAVEL ROAD CROSSING)		
SVUM3-9FI	Install	0	1	SVUM3-9FI (SPECIAL ORDER MATERIAL)		

Remarks: - (4)SUME690F4 FOR FEEDER COMING IN AND OUT.
- (4)SUME690F4 FOR 3Ø DISTRIBUTION GOING FROM SC 1215 TO POLES 4354 AND 3554.
- (2)SUME645F5 ARE CALLED OUT FOR HORIZONTAL RUN.
- (2)SUME630F5 ARE CALLED OUT FOR HORIZONTAL RUN.

Structure:04. POLE 4354

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
350 CONC 25KV	Install	3	30	350 CONCENTRIC PRIMARY 25KV		
SE14	Install	0	1	SE14 (DOWN GUY, DBL. 25M)		
SF4C	Install	0	1	SF4C (ANCHOR, 4' CONCRETE)		
SM2-11	Install	0	1	SM2-11 (POLE GROUNDING ASSY)		
SUM5016FR	Install	0	1	FIRST 10FT SPARE EMPTY 6" FG RISER		
SUM5026H	Install	1	30	SUM5026H - Conduit ((2) 6" HDPE CONDUIT)		
SUM6-25E 3 PH	Install	0	1	SUM6-25E (350 MCM PRIMARY TERMINATION)		
SUME690F4	Install	0	1	SUME690F4 (6" FG 90D 48"R)		
SUME690F4	Install	0	1	SUME690F4 (6" FG 90D 48"R)		
SUR2-5	Install	1	30	SUR2-5 (PRIMARY TRENCH)		
SVUC3	Install	0	1	SVUC3 (3 PH FEEDER TP-25KV-350)		
SE1-5	Remove	0	1	SE1-5 (DOWN GUY, SINGLE, 16M)		
SF4PL	Remove	0	1	SF4PL (ANCHOR, ROD TW EYE 1" X10')		

Remarks: - SEE W.L POLE 4354 FOR RETIREMENT UNITS
*** RETURN TO SC 1215.

Structure:05. POLE 3554

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
350 CONC 25KV	Install	3	220	350 CONCENTRIC PRIMARY 25KV		
SE13	Install	0	1	SE13 (DOWN GUY, DBL. 20M)		
SE13	Install	0	1	SE13 (DOWN GUY, DBL. 20M)		
SF7C	Install	0	1	SF7C (ANCHOR, 7' CONCRETE)		
SM2-11	Install	0	1	SM2-11 (POLE GROUNDING ASSY)		
SUM5016FR	Install	0	1	FIRST 10FT SPARE EMPTY 6" FG RISER		
SUM5026H	Install	1	220	SUM5026H - Conduit ((2) 6" HDPE CONDUIT)		
SUM6-25E 3 PH	Install	0	1	SUM6-25E (350 MCM PRIMARY TERMINATION)		
SUME690F4	Install	0	1	SUME690F4 (6" FG 90D 48"R)		
SUME690F4	Install	0	1	SUME690F4 (6" FG 90D 48"R)		
SUME690F5	Install	0	2	SUME690F5 (6" FG 90 60")		
SUR2-5	Install	1	20	SUR2-5 (PRIMARY TRENCH)		
SVC7A-1	Install	0	1	SVC7A-1 (XARM SINGLE DEADEND)		
SVUC3	Install	0	1	SVUC3 (3 PH FEEDER TP-25KV-350)		
SVC8-1	Remove	0	1	SVC8-1 (XARM DBLE 4-WIRE DEADEND)		
POLE40/4	Existing	0	1	POLE40/4 (POLE, 040 CLASS 4)		

Remarks: - (2) SUME690F5 FOR HORIZONTAL BEND
- (2)SUME690F4 FOR RISER
- JOINT BORE WITH SC 1215
*** RETURN TO SC 1215 ***

Structure:06. SC 1216

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
350 CONC 25KV	Install	3	650	350 CONCENTRIC PRIMARY 25KV		
BORE	Install	1	635	BORE		
SHUR2-5	Install	1	15	SHUR2-5 (PRIMARY TRENCH HAND -DIG)		
SUM1I	Install	0	1	SUM1I (CONCRETE PAD VISTA)		
SUM5026H	Install	1	650	SUM5026H - Conduit ((2) 6" HDPE CONDUIT)		
SUM6-1G-345MIL 1	Install	0	1	ELBOW UG 15/26KV ELBOW TERM 1/0 200A		
SUM6-3E 3 PH	Install	0	1	SUM6-3E (DEAD BREAK ELBOW 350 MCM)		
SUM6-3E 3 PH	Install	0	1	SUM6-3E (DEAD BREAK ELBOW 350 MCM)		
SUM6-3E 3 PH	Install	0	1	SUM6-3E (DEAD BREAK ELBOW 350 MCM)		
SUM6-4EL	Install	0	1	3-PH UG CURNT RESET FI, 600A TRIP		
SUME690F4	Install	0	1	SUME690F4 (6" FG 90D 48"R)		
SUME690F4	Install	0	1	SUME690F4 (6" FG 90D 48"R)		
SUME690F4	Install	0	1	SUME690F4 (6" FG 90D 48"R)		
SUME690F4	Install	0	1	SUME690F4 (6" FG 90D 48"R)		
SUME690F4	Install	0	1	SUME690F4 (6" FG 90D 48"R)		

Structure:	06. SC 1216					
<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
SUME690F4	Install	0	1	SUME690F4 (6" FG 90D 48"R)		
SVUM3-9FI	Install	0	1	SVUM3-9FI (SPECIAL ORDER MATERIAL)		
Remarks:	-INTERCEPT EXISTING PIPE FROM RISER ON POLE 6748, PULL BACK WIRE.					

Structure:	07. POLE 6345					
<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
350 CONC 25KV	Install	3	170	350 CONCENTRIC PRIMARY 25KV		
SE13	Install	0	1	SE13 (DOWN GUY, DBL. 20M)		
SE13	Install	0	1	SE13 (DOWN GUY, DBL. 20M)		
SF7C	Install	0	1	SF7C (ANCHOR, 7" CONCRETE)		
SM2-11	Install	0	1	SM2-11 (POLE GROUNDING ASSY)		
SUM5016FR	Install	0	1	FIRST 10FT SPARE EMPTY 6" FG RISER		
SUM5026H	Install	1	170	SUM5026H - Conduit ((2) 6" HDPE CONDUIT)		
SUM6-25E 3 PH	Install	0	1	SUM6-25E (350 MCM PRIMARY TERMINATION)		
SUME690F4	Install	0	1	SUME690F4 (6" FG 90D 48"R)		
SUME690F4	Install	0	1	SUME690F4 (6" FG 90D 48"R)		
SUME690F5	Install	0	2	SUME690F5 (6" FG 90 60")		
SUR2-5	Install	1	75	SUR2-5 (PRIMARY TRENCH)		
SVC7A	Install	0	1	SVC7A (XARM SINGLE DEADEND)		
SVUC3	Install	0	1	SVUC3 (3 PH FEEDER TP-25KV-350)		
J11	Existing	0	1	J11 (SECONDARY DEADEND)		
J11	Existing	0	1	J11 (SECONDARY DEADEND)		
POLE40/4	Existing	0	1	POLE40/4 (POLE, 040 CLASS 4)		
SL5-AAL	Existing	0	1	LED WOOD POLE STREET LIGHT, 150W HPS EQ		
Remarks:	-(2) SUME690F5 FOR HORIZONTAL BEND -(2)SUME690F4 FOR RISER -(1) SUME290S3 FOR RISER. -JOINT BORE WITH SC 1216 *** RETURN TO SC SC 1214.					

Structure:	07A PM 2656					
<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
1/0 CONC 25KV 1	Install	1	10	1/0 CONC 25KV Wire 1 PH (1/0 CONC CABLE)		
SUM1	Install	0	1	SUM1 (CONCRETE PAD 1 PH XFMR)		
SUM1-GPA	Install	0	1	SUM1-GPA (GUARD POST W/SLEEVE)		
SUM1-GPA	Install	0	1	SUM1-GPA (GUARD POST W/SLEEVE)		
SUM5014H	Install	1	10	SUM5014H - Conduit ((1) 4" HDPE CONDUIT)		
SUM6-1G-345MIL 1	Install	0	1	ELBOW UG 15/26KV ELBOW TERM 1/0 200A		
SUM6-1G-345MIL 1	Install	0	1	ELBOW UG 15/26KV ELBOW TERM 1/0 200A		
SUME490F3	Install	0	3	SUME490F3 (4" FG 90 36")		
SVUG7-25	Install	0	1	SVUG7-25 (XFMR, PM, 25 KVA, 1 PH, LOOP)		
Remarks:						

Structure:	07B SVC LT9					
<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
2/0 RIBB Service	Install	1	100	2/0 3-WIRE SERVICE		
SUK7-LH	Install	0	1	OH-UG SERVICE GUTTER - LH		
SUM5012H	Install	1	100	SUM5012H - Conduit ((1) 2" HDPE CONDUIT)		
XSUM8	Install	0	1	XSUM8 (SERVICE CONVERSION)		
J11	Remove	0	1	J11 (SECONDARY DEADEND)		
2/0 RIBB Service	Abandon	1	30	2/0 3-WIRE SERVICE		
Remarks:	.					

Structure:	08. PM 3554					
<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
1/0 CONC 25KV 1	Install	1	265	1/0 CONC 25KV Wire 1 PH (1/0 CONC CABLE)		
SUM1	Install	0	1	SUM1 (CONCRETE PAD 1 PH XFMR)		
SUM5024H	Install	1	265	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUM6-1G-345MIL 1	Install	0	1	ELBOW UG 15/26KV ELBOW TERM 1/0 200A		
SUM6-1G-345MIL 1	Install	0	1	ELBOW UG 15/26KV ELBOW TERM 1/0 200A		
SUME430F4	Install	0	2	SUME430F4 (4" FG 30 48")		
SUME445F4	Install	0	2	SUME445F4 (4" FG 45 48")		
SUME490F3	Install	0	3	SUME490F3 (4" FG 90 36")		
SVUG7-25	Install	0	1	SVUG7-25 (XFMR, PM, 25 KVA, 1 PH, LOOP)		

Remarks: -265' IS COMMON BORE TO SC 1215.

Structure: 08A.SVC LT3						Complete	Qty
Assembly Unit	Activity	#Cond	Qty	Unit Description			
2/0 RIBB Service	Install	1	45	2/0 3-WIRE SERVICE			
SHUR2-3	Install	1	10	SHUR2-3 (SECONDARY TRENCH - HAND DIG)			
SUK7-LH	Install	0	1	OH-UG SERVICE GUTTER - LH			
SUM5012H	Install	1	45	SUM5012H - Conduit ((1) 2" HDPE CONDUIT)			
SUR2-3	Install	1	35	SUR2-3 (SECONDARY TRENCH)			
XSUM8	Install	0	1	XSUM8 (SERVICE CONVERSION)			
2 TPX Service	Remove	1	30	2 TPX OH SERVICE CONDUCTOR			
K16C	Remove	0	1	K16C (SERVICE ASSY. DE. WTHRHD)			

Remarks: *** RETURN TO PM 3554 ***

Structure: 08B. .SVC LT2						Complete	Qty
Assembly Unit	Activity	#Cond	Qty	Unit Description			
2/0 RIBB Service	Install	1	25	2/0 3-WIRE SERVICE			
SHUR2-3	Install	1	10	SHUR2-3 (SECONDARY TRENCH - HAND DIG)			
SUK7-LH	Install	0	1	OH-UG SERVICE GUTTER - LH			
SUM5012H	Install	1	25	SUM5012H - Conduit ((1) 2" HDPE CONDUIT)			
SUR2-3	Install	1	15	SUR2-3 (SECONDARY TRENCH)			
XSUM8	Install	0	1	XSUM8 (SERVICE CONVERSION)			
2 TPX Service	Remove	1	75	2 TPX OH SERVICE CONDUCTOR			
K16C	Remove	0	1	K16C (SERVICE ASSY. DE. WTHRHD)			

Remarks: *** RETURN TO PED 3155 ***

Structure: 08C. PED 3155						Complete	Qty
Assembly Unit	Activity	#Cond	Qty	Unit Description			
4/0 RIBB Secondary	Install	1	95	4/0 3-WIRE SECONDARY			
SUK5	Install	0	1	SUK5 (Secondary Assembly Underground Cable)			
SUM5012H	Install	1	95	SUM5012H - Conduit ((1) 2" HDPE CONDUIT)			

Remarks: -95' IS COMMON TRENCH TO SC 1215.

Structure: 08D. SVC LT1						Complete	Qty
Assembly Unit	Activity	#Cond	Qty	Unit Description			
2/0 RIBB Service	Install	1	55	2/0 3-WIRE SERVICE			
SHUR2-3	Install	1	10	SHUR2-3 (SECONDARY TRENCH - HAND DIG)			
SUK7-LH	Install	0	1	OH-UG SERVICE GUTTER - LH			
SUM5012H	Install	1	55	SUM5012H - Conduit ((1) 2" HDPE CONDUIT)			
SUR2-3	Install	1	45	SUR2-3 (SECONDARY TRENCH)			
XSUM8	Install	0	1	XSUM8 (SERVICE CONVERSION)			
2 TPX Service	Remove	1	70	2 TPX OH SERVICE CONDUCTOR			
K16C	Remove	0	1	K16C (SERVICE ASSY. DE. WTHRHD)			

Remarks: *** RETURN TO PED 3155 ***

Structure: 08E. SVC LT12						Complete	Qty
Assembly Unit	Activity	#Cond	Qty	Unit Description			
2/0 RIBB Service	Install	1	65	2/0 3-WIRE SERVICE			
SHUR2-3	Install	1	10	SHUR2-3 (SECONDARY TRENCH - HAND DIG)			
SUM5012H	Install	1	65	SUM5012H - Conduit ((1) 2" HDPE CONDUIT)			
SUR2-3	Install	1	55	SUR2-3 (SECONDARY TRENCH)			
2/0 RIBB Service	Abandon	1	60	2/0 3-WIRE SERVICE			

Remarks: *** RETURN TO PM 3554 ***

Structure: 08G. PED 3853						Complete	Qty
Assembly Unit	Activity	#Cond	Qty	Unit Description			
4/0 RIBB Secondary	Install	1	95	4/0 3-WIRE SECONDARY			
SUK5	Install	0	1	SUK5 (Secondary Assembly Underground Cable)			
SUM5012H	Install	1	95	SUM5012H - Conduit ((1) 2" HDPE CONDUIT)			

Remarks: -JOINT TRENCH WITH SC 1215.

Structure: 08H. SVC LT4						Complete	Qty
Assembly Unit	Activity	#Cond	Qty	Unit Description			
2 RIBB Service	Install	1	10	2 RIBB Wire Service (#2 3-WIRE SERVICE)			
SHUR2-3	Install	1	10	SHUR2-3 (SECONDARY TRENCH - HAND DIG)			

Structure:		08H. SVC LT4				
<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
SUM5012H	Install	1	10	SUM5012H - Conduit ((1) 2" HDPE CONDUIT)		
SUM6-32	Install	0	3	SUM6-32 (SECONDARY UG SPLICE)		
2 RIBB Secondary	Abandon	1	10	#2 3-WIRE SECONDARY		
Remarks: -EXPOSE EXISTING SERVICE CABLE 10' FROM THE POLE 3956 AND SPLICE WITH NEW CABLE FROM PED 3853. ***RETURN TO PM 3554***						

Structure:		08J. SVC LT10					
<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>	
2/0 RIBB Service	Install	1	70	2/0 3-WIRE SERVICE			
SHUR2-3	Install	1	10	SHUR2-3 (SECONDARY TRENCH - HAND DIG)			
SUM5012H	Install	1	70	SUM5012H - Conduit ((1) 2" HDPE CONDUIT)			
SUR2-3	Install	1	60	SUR2-3 (SECONDARY TRENCH)			
2 RIBB Secondary	Abandon	1	40	#2 3-WIRE SECONDARY			
Remarks: *** RETURN TO PED 3853 ***							

Structure:		08J. SVC LT9					
<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>	
2 RIBB Service	Install	1	85	2 RIBB Wire Service (#2 3-WIRE SERVICE)			
SHUR2-3	Install	1	20	SHUR2-3 (SECONDARY TRENCH - HAND DIG)			
SUK7-LH	Install	0	1	OH-UG SERVICE GUTTER - LH			
SUM5012H	Install	1	85	SUM5012H - Conduit ((1) 2" HDPE CONDUIT)			
SUR2-3	Install	1	65	SUR2-3 (SECONDARY TRENCH)			
XSUM8	Install	0	1	XSUM8 (SERVICE CONVERSION)			
2 TPX Service	Remove	1	105	2 TPX OH SERVICE CONDUCTOR			
K16C	Remove	0	1	K16C (SERVICE ASSY. DE. WTHRHD)			
Remarks: *** RETURN TO PM 3554 ***							

Structure:		08K. SL				
<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
6/2 UF	Install	1	115	#6 DB 2 WIRE STREETLIGHT CNDCT		
SHUR2-3	Install	1	10	SHUR2-3 (SECONDARY TRENCH - HAND DIG)		
SUM5	Install	0	1	SUM5 (SECONDARY RISER)		
SUM5012H	Install	1	115	SUM5012H - Conduit ((1) 2" HDPE CONDUIT)		
SUME290S2	Install	0	1	SUME290S2 (2" RSC 90 24")		
SUR2-3	Install	1	105	SUR2-3 (SECONDARY TRENCH)		
POLE35/5	Existing	0	1	POLE35/5 (POLE, 035 CLASS 5)		
SL5-AAL	Existing	0	1	LED WOOD POLE STREET LIGHT, 150W HPS EQ		
Remarks:						

Structure:		09. PM 4652				
Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 CONC 25KV 1	Install	1	315	1/0 CONC 25KV Wire 1 PH (1/0 CONC CABLE)		
SUM1	Install	0	1	SUM1 (CONCRETE PAD 1 PH XFMR)		
SUM5014H	Install	1	315	SUM5014H - Conduit ((1) 4" HDPE CONDUIT)		
SUM6-1G-345MIL 1	Install	0	1	ELBOW UG 15/26KV ELBOW TERM 1/0 200A		
SUM6-1G-345MIL 1	Install	0	1	ELBOW UG 15/26KV ELBOW TERM 1/0 200A		
SUME490F3	Install	0	2	SUME490F3 (4" FG 90 36")		
SUME490S2	Install	0	1	SUME490S2 (4" RSC 90 24")		
SVUG7-25	Install	0	1	SVUG7-25 (XFMR, PM, 25 KVA, 1 PH, LOOP)		
Remarks:						

Structure:		09A.SVC LT5				
<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
4/0 RIBB Service	Install	1	85	4/0 3-WIRE SEERVICE		
SHUR2-3	Install	1	20	SHUR2-3 (SECONDARY TRENCH - HAND DIG)		
SUM5014P	Install	1	85	SUM5014P - Conduit ((1) 4" PVC CONDUIT)		
SUME490S2	Install	0	1	SUME490S2 (4" RSC 90 24")		
SUR2-3	Install	1	65	SUR2-3 (SECONDARY TRENCH)		
4/0 RIBB Service	Abandon	1	60	4/0 3-WIRE SEERVICE		
Remarks:						

Structure:		09B. SVC LT6				
<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
Chugach Electric Association				Designer/Project Engineer	_____	Date ____/____/____
5601 Electron Drive				Checker	_____	Date ____/____/____
Anchorage, AK 99518				Manager/Supervisor	_____	Date ____/____/____

Structure:	09B. SVC LT6					
<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
2/0 RIBB Service	Install	1	60	2/0 3-WIRE SERVICE		
SHUR2-3	Install	1	20	SHUR2-3 (SECONDARY TRENCH - HAND DIG)		
SUK7-LH	Install	0	1	OH-UG SERVICE GUTTER - LH		
SUM5012H	Install	1	115	SUM5012H - Conduit ((1) 2" HDPE CONDUIT)		
SUR2-3	Install	1	95	SUR2-3 (SECONDARY TRENCH)		
XSUM8	Install	0	1	XSUM8 (SERVICE CONVERSION)		

Remarks: .

Structure:	09C. SVC LT7					
<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
2/0 RIBB Service	Install	1	95	2/0 3-WIRE SERVICE		
SHUR2-3	Install	1	10	SHUR2-3 (SECONDARY TRENCH - HAND DIG)		
SUK7-RH	Install	0	1	OH-UG SERVICE GUTTER - RH		
SUM5012H	Install	1	95	SUM5012H - Conduit ((1) 2" HDPE CONDUIT)		
SUR2-3	Install	1	85	SUR2-3 (SECONDARY TRENCH)		
SURCG	Install	1	65	SURCG (GRAVEL ROAD CROSSING)		
XSUM8	Install	0	1	XSUM8 (SERVICE CONVERSION)		
2 TPX Service	Remove	1	70	2 TPX OH SERVICE CONDUCTOR		
K16C	Remove	0	1	K16C (SERVICE ASSY. DE. WTHRHD)		

Remarks:

Structure:	09D. SVC LT8					
<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
2 RIBB Service	Install	1	85	2 RIBB Wire Service (#2 3-WIRE SERVICE)		
SUK7-LH	Install	0	1	OH-UG SERVICE GUTTER - LH		
SUM5012H	Install	1	85	SUM5012H - Conduit ((1) 2" HDPE CONDUIT)		
SUR2-3	Install	1	85	SUR2-3 (SECONDARY TRENCH)		
XSUM8	Install	0	1	XSUM8 (SERVICE CONVERSION)		
2 TPX Service	Remove	1	65	2 TPX OH SERVICE CONDUCTOR		
K16C	Remove	0	1	K16C (SERVICE ASSY. DE. WTHRHD)		

Remarks: ***RETURN TO PM 4652***

Structure:	09E. SL					
<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
6/2 UF	Install	1	205	#6 DB 2 WIRE STREETLIGHT CNDCT		
SHUR2-5	Install	1	10	SHUR2-5 (PRIMARY TRENCH HAND -DIG)		
SUM5	Install	0	1	SUM5 (SECONDARY RISER)		
SUM5012H	Install	1	205	SUM5012H - Conduit ((1) 2" HDPE CONDUIT)		
SUME290S3	Install	0	1	SUME290S3 (2" RSC 90 36")		
SUR2-5	Install	1	95	SUR2-5 (PRIMARY TRENCH)		
SURCG	Install	1	95	SURCG (GRAVEL ROAD CROSSING)		
POLE35/5	Existing	0	1	POLE35/5 (POLE, 035 CLASS 5)		
SL5-AAL	Existing	0	1	LED WOOD POLE STREET LIGHT, 150W HPS EQ		

Remarks: - 100' IS COMMON TRENCH TO SC 1216.
-RETURN TO PM 4652.

Structure:	09F.REPEAT POLE 4354					
<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
2/0 RIBB Secondary	Install	1	125	2/0 3-WIRE SERVIE		
SUM5012H	Install	1	125	SUM5012H - Conduit ((1) 2" HDPE CONDUIT)		
SUM5A	Install	0	1	SECONDARY RISER-EXISTING STANDOFF		
SUME290S3	Install	0	1	SUME290S3 (2" RSC 90 36")		

Remarks:

Structure:	10. PM 5949					
<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
1/0 CONC 25KV 1	Install	1	360	1/0 CONC 25KV Wire 1 PH (1/0 CONC CABLE)		
SUM1	Install	0	1	SUM1 (CONCRETE PAD 1 PH XFMR)		
SUM5024H	Install	1	360	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUM6-1G-345MIL 1	Install	0	1	ELBOW UG 15/26KV ELBOW TERM 1/0 200A		
SUM6-1G-345MIL 1	Install	0	1	ELBOW UG 15/26KV ELBOW TERM 1/0 200A		
SUME490F3	Install	0	3	SUME490F3 (4" FG 90 36")		
SVUG7-25	Install	0	1	SVUG7-25 (XFMR, PM, 25 KVA, 1 PH, LOOP)		

Remarks: -360' IS COMMON TRENCH TO SC 1216.

Structure:		10A. PED 5549					
Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty	
4/0 RIBB Secondary	Install	1	115	4/0 3-WIRE SECONDARY			
SUK5	Install	0	1	SUK5 (Secondary Assembly Underground Cable)			
SUM5012H	Install	1	115	SUM5012H - Conduit ((1) 2" HDPE CONDUIT)			
SUK5	Remove	0	1	SUK5 (Secondary Assembly Underground Cable)			
4/0 RIBB Secondary	Abandon	1	10	4/0 3-WIRE SECONDARY			

Remarks: -115' IS COMMON TRENCH TO SC 1216.

Structure:		10B SL					
Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty	
6/2 UF	Install	1	85	#6 DB 2 WIRE STREETLIGHT CNDCT			
SHUR2-5	Install	1	10	SHUR2-5 (PRIMARY TRENCH HAND -DIG)			
SUM5	Install	0	1	SUM5 (SECONDARY RISER)			
SUM5012H	Install	1	85	SUM5012H - Conduit ((1) 2" HDPE CONDUIT)			
SUME290S2	Install	0	1	SUME290S2 (2" RSC 90 24")			
SUR2-5	Install	1	75	SUR2-5 (PRIMARY TRENCH)			
POLE35/5	Existing	0	1	POLE35/5 (POLE, 035 CLASS 5)			
SL5-AAL	Existing	0	1	LED WOOD POLE STREET LIGHT, 150W HPS EQ			

Remarks:

Structure:		10C. SVC LT12					
Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty	
2/0 RIBB Service	Install	1	45	2/0 3-WIRE SERVICE			
SHUR2-3	Install	1	10	SHUR2-3 (SECONDARY TRENCH - HAND DIG)			
SUK7-RH	Install	0	1	OH-UG SERVICE GUTTER - RH			
SUM5012H	Install	1	45	SUM5012H - Conduit ((1) 2" HDPE CONDUIT)			
SUR2-3	Install	1	35	SUR2-3 (SECONDARY TRENCH)			
XSUM8	Install	0	1	XSUM8 (SERVICE CONVERSION)			
2 TPX Service	Remove	1	45	2 TPX OH SERVICE CONDUCTOR			
K16C	Remove	0	1	K16C (SERVICE ASSY. DE. WTHRHD)			

Remarks:

Structure:		10F. PED 6349					
Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty	
4/0 RIBB Secondary	Install	1	100	4/0 3-WIRE SECONDARY			
SUK5	Install	0	1	SUK5 (Secondary Assembly Underground Cable)			
SUM5012H	Install	1	100	SUM5012H - Conduit ((1) 2" HDPE CONDUIT)			
SUK5	Remove	0	1	SUK5 (Secondary Assembly Underground Cable)			
4/0 RIBB Secondary	Abandon	1	10	4/0 3-WIRE SECONDARY			

Remarks: ABANDON EXISTING 4/0 RIBB GOING TO POLE 6348.
SEE WL. 21 FOR SECONDARY RISER RETIREMENT.

Structure:		10H. SVC LT10					
Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty	
2/0 RIBB Service	Install	1	60	2/0 3-WIRE SERVICE			
SHUR2-3	Install	1	10	SHUR2-3 (SECONDARY TRENCH - HAND DIG)			
SUK7-LH	Install	0	1	OH-UG SERVICE GUTTER - LH			
SUM5012H	Install	1	60	SUM5012H - Conduit ((1) 2" HDPE CONDUIT)			
SUR2-3	Install	1	50	SUR2-3 (SECONDARY TRENCH)			
XSUM8	Install	0	1	XSUM8 (SERVICE CONVERSION)			
2 TPX Service	Remove	1	60	2 TPX OH SERVICE CONDUCTOR			
K16C	Remove	0	1	K16C (SERVICE ASSY. DE. WTHRHD)			

Remarks:

Structure:		10J. PED 6648					
Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty	
4/0 RIBB Secondary	Install	1	210	4/0 3-WIRE SECONDARY			
SUK5	Install	0	1	SUK5 (Secondary Assembly Underground Cable)			
SUM5012H	Install	1	210	SUM5012H - Conduit ((1) 2" HDPE CONDUIT)			

Remarks: -210' IS COMMON TRENCH TO SC 1216.

Structure:		10L. SVC LT5					
Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty	
				Chugach Electric Association	Designer/Project Engineer	_____ Date ____/____/____	
				5601 Electron Drive	Checker	_____ Date ____/____/____	
				Anchorage, AK 99518	Manager/Supervisor	_____ Date ____/____/____	

Structure:	10L. SVC LT5					
<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
2/0 RIBB Service	Install	1	35	2/0 3-WIRE SERVICE		
SUK7-RH	Install	0	1	OH-UG SERVICE GUTTER - RH		
SUM5012H	Install	1	35	SUM5012H - Conduit ((1) 2" HDPE CONDUIT)		
SUR2-3	Install	1	35	SUR2-3 (SECONDARY TRENCH)		
XSUM8	Install	0	1	XSUM8 (SERVICE CONVERSION)		
2 TPX Service	Remove	1	35	2 TPX OH SERVICE CONDUCTOR		
K16C	Remove	0	1	K16C (SERVICE ASSY. DE. WTHRHD)		

Remarks: -RETURN TO PM 5949.

Structure:	11 REPEAT SC 1216					
<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
1/0 CONC 25KV 1	Install	1	220	1/0 CONC 25KV Wire 1 PH (1/0 CONC CABLE)		
SUM5014H	Install	1	220	SUM5014H - Conduit ((1) 4" HDPE CONDUIT)		
SUME490F4	Install	0	1	SUME490F4 (4" FG 90 48")		

Remarks:

Structure:	12 POLE R8					
<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
4/0 ACSR	Remove	3	90	4/0 ACSR (OH PRIMARY CONDUCTOR)		
4/0 ACSR NEUTRAL	Remove	1	90	WIRE, ACSR #4/0 NEUTRAL		
J11	Remove	0	1	J11 (SECONDARY DEADEND)		
J11	Remove	0	1	J11 (SECONDARY DEADEND)		
J11	Remove	0	1	J11 (SECONDARY DEADEND)		
POLE40/4	Remove	0	1	POLE40/4 (POLE, 040 CLASS 4)		
SE1-3	Remove	0	1	SE1-3 (DOWN GUY, SINGLE, 10M)		
SF4P	Remove	0	1	SF4P (ANCHOR,PLATE,16M, 3/4" X 8' RO)		
SVG39-25	Remove	0	1	SVG39-25 (XFMR,1PH,25 KVA, 3PH, TANGENT)		
VC1-2	Remove	0	1	VC1-2 (Single Support on X-arm (Tangent)(Large Conductors))		

Remarks: - XFMR IS ACTUALLY 15 KVA

Structure:	12A. POLE LT					
<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
6 DPX	Remove	1	130	6 DPX Wire (STREETLIGHT CONDUCTOR)		
J11	Remove	0	1	J11 (SECONDARY DEADEND)		

Remarks:

Structure:	13 SP 2157					
<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
2 TPX Secondary	Remove	1	110	2 TPX OH SECONDARY CONDUCTOR		
J11	Remove	0	1	J11 (SECONDARY DEADEND)		
POLE35/5	Remove	0	1	POLE35/5 (POLE, 035 CLASS 5)		
SE1-3	Remove	0	1	SE1-3 (DOWN GUY, SINGLE, 10M)		
SF4PL	Remove	0	1	SF4PL (ANCHOR, ROD TW EYE 1" X10')		
SUM5	Remove	0	1	SUM5 (SECONDARY RISER)		

Remarks:

Structure:	14. SP 2854					
<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
2 TPX Secondary	Remove	1	30	2 TPX OH SECONDARY CONDUCTOR		
J11	Remove	0	1	J11 (SECONDARY DEADEND)		
POLE35/5	Remove	0	1	POLE35/5 (POLE, 035 CLASS 5)		
SUM5	Remove	0	1	SUM5 (SECONDARY RISER)		

Remarks:

Structure:	15 POLE 3656					
<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
4/0 ACSR	Remove	3	225	4/0 ACSR (OH PRIMARY CONDUCTOR)		
4/0 ACSR NEUTRAL	Remove	1	225	WIRE, ACSR #4/0 NEUTRAL		
J11	Remove	0	1	J11 (SECONDARY DEADEND)		
K16C	Remove	0	1	K16C (SERVICE ASSY. DE. WTHRHD)		
POLE40/4	Remove	0	1	POLE40/4 (POLE, 040 CLASS 4)		
SVC7-1	Remove	0	1	SVC7-1 (XARM SINGLE DEADEND)		
VC1-2	Remove	0	1	VC1-2 (Single Support on X-arm (Tangent)(Large Conductors))		

Structure:15 POLE 3656

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
VM5-5	Remove	0	1	VM5-5 (Single Support - Miscellaneousellaneous)		

Remarks:

Structure:16 POLE 3554

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
2 TPX Secondary	Remove	1	70	2 TPX OH SECONDARY CONDUCTOR		
4/0 ACSR	Remove	3	70	4/0 ACSR (OH PRIMARY CONDUCTOR)		
4/0 ACSR NEUTRAL	Remove	1	70	WIRE, ACSR #4/0 NEUTRAL		
J11	Remove	0	1	J11 (SECONDARY DEADEND)		
J11	Remove	0	1	J11 (SECONDARY DEADEND)		
J11	Remove	0	1	J11 (SECONDARY DEADEND)		
SE15	Remove	0	1	SE15 (DOWN GUY, DBL. 32M)		
SE15	Remove	0	1	SE15 (DOWN GUY, DBL. 32M)		
SF7C	Remove	0	1	SF7C (ANCHOR, 7' CONCRETE)		
SUM5	Remove	0	1	SUM5 (SECONDARY RISER)		
SVG39-25	Remove	0	1	SVG39-25 (XFMR,1PH,25 KVA, 3PH, TANGENT)		
VM5-5	Remove	0	2	VM5-5 (Single Support - Miscellaneousellaneous)		

Remarks:

Structure:17. POLE 3956

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
4/0 ACSR	Remove	3	90	4/0 ACSR (OH PRIMARY CONDUCTOR)		
4/0 ACSR NEUTRAL	Remove	1	90	WIRE, ACSR #4/0 NEUTRAL		
J11	Remove	0	1	J11 (SECONDARY DEADEND)		
POLE40/4	Remove	0	1	POLE40/4 (POLE, 040 CLASS 4)		
SE15	Remove	0	1	SE15 (DOWN GUY, DBL. 32M)		
SF7C	Remove	0	1	SF7C (ANCHOR, 7' CONCRETE)		
SK16	Remove	0	1	SK16 (SERVICE ASSY.)		
SVG39-50	Remove	0	1	SVG39-50 (XFMR,1PH,50 KVA, 3PH, TANGENT)		
VC1-3	Remove	0	1	VC1-3 (Double Support on X-arms (Large Conductors))		

Remarks:

Structure:18. POLE 4354

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
2 TPX Secondary	Remove	1	100	2 TPX OH SECONDARY CONDUCTOR		
4/0 ACSR	Remove	3	100	4/0 ACSR (OH PRIMARY CONDUCTOR)		
4/0 ACSR NEUTRAL	Remove	1	100	WIRE, ACSR #4/0 NEUTRAL		
J11	Remove	0	1	J11 (SECONDARY DEADEND)		
J11	Remove	0	1	J11 (SECONDARY DEADEND)		
SVC7	Remove	0	1	SVC7 (XARM SINGLE DEADEND)		
VC1-2	Remove	0	1	VC1-2 (Single Support on X-arm (Tangent)(Large Conductors))		
2 TPX Secondary	Existing	1	100	2 TPX OH SECONDARY CONDUCTOR		
POLE40/4	Existing	0	1	POLE40/4 (POLE, 040 CLASS 4)		

Remarks:

Structure:19. POLE R11

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
4/0 ACSR	Remove	3	195	4/0 ACSR (OH PRIMARY CONDUCTOR)		
4/0 ACSR NEUTRAL	Remove	1	195	WIRE, ACSR #4/0 NEUTRAL		
J11	Remove	0	1	J11 (SECONDARY DEADEND)		
J11	Remove	0	1	J11 (SECONDARY DEADEND)		
POLE40/4	Remove	0	1	POLE40/4 (POLE, 040 CLASS 4)		
SE1-5	Remove	0	1	SE1-5 (DOWN GUY, SINGLE, 16M)		
SF4P	Remove	0	1	SF4P (ANCHOR,PLATE,16M, 3/4" X 8' RO)		
SVC9-2	Remove	0	1	SVC9-2 (UNDERBUILD XARM LGCNDR)		
SVG39-25	Remove	0	1	SVG39-25 (XFMR,1PH,25 KVA, 3PH, TANGENT)		

Remarks:

Structure:20. SP1

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 TPX Secondary	Remove	1	70	OH SECONDARY CONDUCTOR		
J11	Remove	0	1	J11 (SECONDARY DEADEND)		
J11	Remove	0	1	J11 (SECONDARY DEADEND)		
POLE35/5	Remove	0	1	POLE35/5 (POLE, 035 CLASS 5)		

Chugach Electric Association
5601 Electron Drive
Anchorage, AK 99518

Designer/Project Engineer
Checker
Manager/Supervisor

_____/_____/_____
_____/_____/_____
_____/_____/_____

Date
Date
Date

Structure:	20. SP1					
Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
SE14	Remove	0	1	SE14 (DOWN GUY, DBL. 25M)		
SF4PL	Remove	0	1	SF4PL (ANCHOR, ROD TW EYE 1" X10")		
SK16	Remove	0	1	SK16 (SERVICE ASSY.)		

Remarks:

Structure:	21. R11A					
Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
4/0 ACSR	Remove	3	155	4/0 ACSR (OH PRIMARY CONDUCTOR)		
4/0 ACSR NEUTRAL	Remove	1	155	WIRE, ACSR #4/0 NEUTRAL		
J11	Remove	0	1	J11 (SECONDARY DEADEND)		
POLE40/4	Remove	0	1	POLE40/4 (POLE, 040 CLASS 4)		
SUM5	Remove	0	1	SUM5 (SECONDARY RISER)		
SVG39-50	Remove	0	1	SVG39-50 (XFMR, 1PH, 50 KVA, 3PH, TANGENT)		
VC1-2	Remove	0	1	VC1-2 (Single Support on X-arm (Tangent))(Large Conductors))		

Remarks:

Structure:	22. POLE 6348					
Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
SHUR2-3	Install	1	5	SHUR2-3 (SECONDARY TRENCH - HAND DIG)		
4/0 ACSR	Remove	3	215	4/0 ACSR (OH PRIMARY CONDUCTOR)		
4/0 ACSR NEUTRAL	Remove	1	215	WIRE, ACSR #4/0 NEUTRAL		
J11	Remove	0	1	J11 (SECONDARY DEADEND)		
J11	Remove	0	1	J11 (SECONDARY DEADEND)		
POLE40/4	Remove	0	1	POLE40/4 (POLE, 040 CLASS 4)		
SE14	Remove	0	1	SE14 (DOWN GUY, DBL. 25M)		
SF4C	Remove	0	1	SF4C (ANCHOR, 4' CONCRETE)		
SUM5	Remove	0	1	SUM5 (SECONDARY RISER)		
SUM5A	Remove	0	1	SECONDARY RISER-EXISTING STANDOFF		
SUM5A	Remove	0	1	SECONDARY RISER-EXISTING STANDOFF		
SVC7-1	Remove	0	1	SVC7-1 (XARM SINGLE DEADEND)		
SVG39-25	Remove	0	1	SVG39-25 (XFMR, 1PH, 25 KVA, 3PH, TANGENT)		
SVM5-2R	Remove	0	1	RAPTOR, 25KV PRIM ASBLY, POLE TOP PIN		
SVM5-9B 3 PH	Remove	0	3	SVM5-9B (CUTOUT ASSEMBLY LOAD BREAK) 3 PH		
VC1-2	Remove	0	1	VC1-2 (Single Support on X-arm (Tangent))(Large Conductors))		
VM5-5	Remove	0	1	VM5-5 (Single Support - Miscellaneousellaneous)		

Remarks:

Structure:	23. REPEAT 6345					
Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
4/0 ACSR	Remove	3	100	4/0 ACSR (OH PRIMARY CONDUCTOR)		
4/0 ACSR NEUTRAL	Remove	1	100	WIRE, ACSR #4/0 NEUTRAL		
SE13	Remove	0	1	SE13 (DOWN GUY, DBL. 20M)		
SF4P	Remove	0	1	SF4P (ANCHOR, PLATE, 16M, 3/4" X 8' RO)		
SVG39-25	Remove	0	1	SVG39-25 (XFMR, 1PH, 25 KVA, 3PH, TANGENT)		
VC1-2	Remove	0	1	VC1-2 (Single Support on X-arm (Tangent))(Large Conductors))		
J11	Existing	0	1	J11 (SECONDARY DEADEND)		
J11	Existing	0	1	J11 (SECONDARY DEADEND)		

Remarks:

Structure:	24. POLE 6748					
Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
SHUR2-5	Install	1	5	SHUR2-5 (PRIMARY TRENCH HAND -DIG)		
1/0 TPX Secondary	Remove	1	100	OH SECONDARY CONDUCTOR		
4/0 ACSR	Remove	3	100	4/0 ACSR (OH PRIMARY CONDUCTOR)		
4/0 ACSR NEUTRAL	Remove	1	100	WIRE, ACSR #4/0 NEUTRAL		
J11	Remove	0	1	J11 (SECONDARY DEADEND)		
J11	Remove	0	1	J11 (SECONDARY DEADEND)		
POLE40/2	Remove	0	1	POLE40/2 (POLE, 040 CLASS 2)		
SE14	Remove	0	1	SE14 (DOWN GUY, DBL. 25M)		
SF4C	Remove	0	1	SF4C (ANCHOR, 4' CONCRETE)		
SUM5	Remove	0	1	SUM5 (SECONDARY RISER)		
SUM5016FR	Remove	0	1	FIRST 10FT SPARE EMPTY 6" FG RISER		
SUM6-25E 3 PH	Remove	0	1	SUM6-25E (350 MCM PRIMARY TERMINATION)		
SUME690F4	Remove	0	1	SUME690F4 (6" FG 90D 48"R)		

Structure:	24. POLE 6748					
<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	Complete	Qty
SUME690F4	Remove	0	1	SUME690F4 (6" FG 90D 48"R)		
SVC7A-1	Remove	0	1	SVC7A-1 (XARM SINGLE DEADEND)		
SVUC3	Remove	0	1	SVUC3 (3 PH FEEDER TP-25KV-350)		

Remarks:

Structure:	25. SC 991					
<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	Complete	Qty
STAG-2	Install	0	3	STAG-2 (PRIMARY CABLE TAG)		
STAG-2	Remove	0	3	STAG-2 (PRIMARY CABLE TAG)		

Remarks:

Manufacturer:

Model:

S&C

VISTA 422

SC 991

Serial Number:

Notes:

DIRECTION

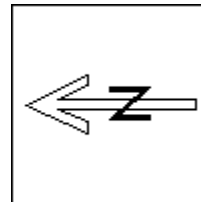
Revised Date:

Manufactured Date:

Dispatch (JJS) change install WO from
E1213238
FAULT INDICATOR - WAY 2

(Reference
to North)

Revised WO/JO:



Status:

OPEN

Status:

CLOSED

Switch #:

14410

Switch #:

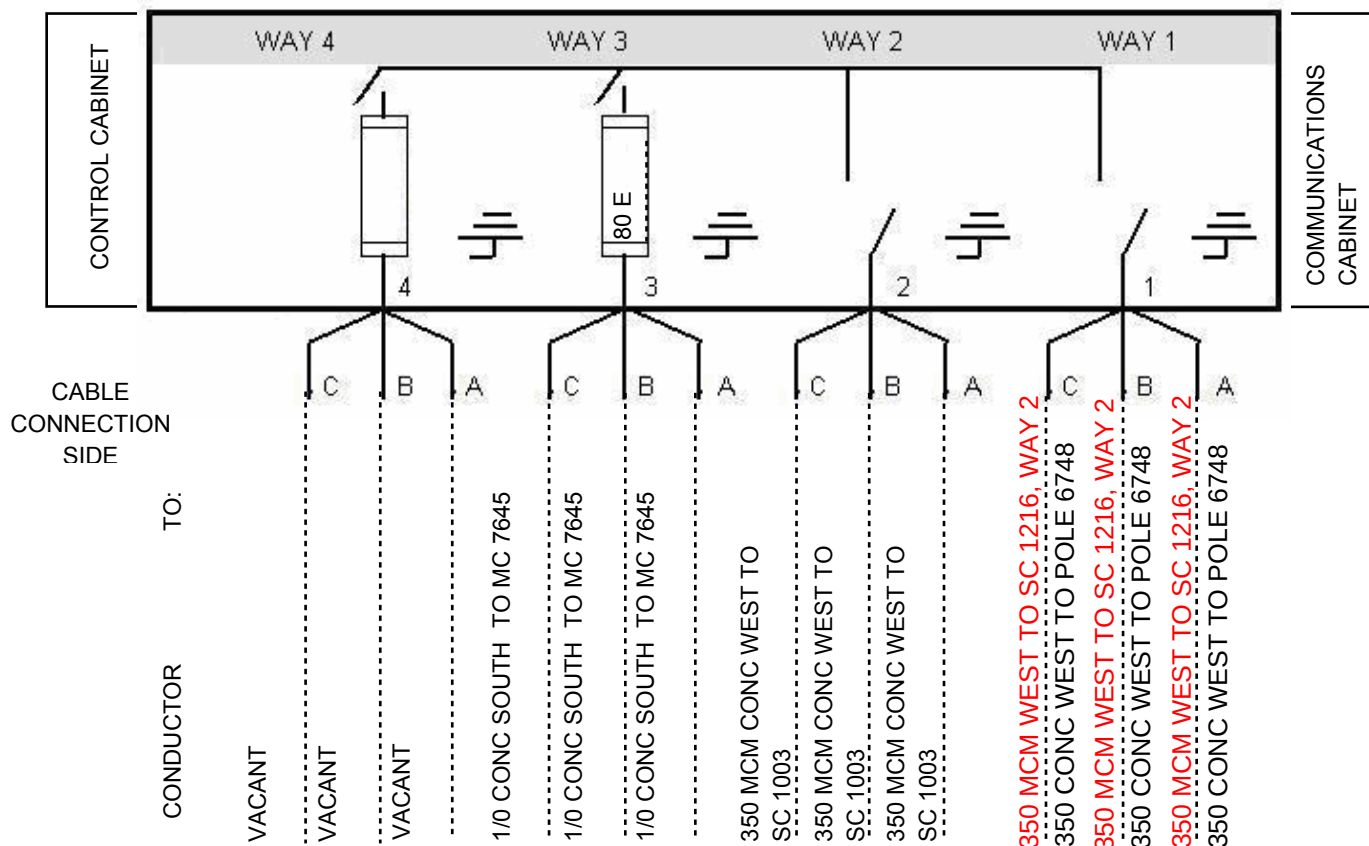
14411

Status:

Closed

Status:

Closed

OPERATOR
SIDE

CHUGACH
POWERING ALASKA'S FUTURE

LOCATION

EAST SIDE OF ARLBERG RD.
BETWEEN ALYESKA HWY. AND
DAVOS RD. FOR PRIMARY METERING
TO ALYESKA RESORT

Grid Map Location No.: 4816 - 4914

Inspected by: D CONROY

Install Date: 12/14/2012

Install Work
Order ID: E1213303

Feeder: GWSS 422

Manufacturer:

VISTA

Model:

422.11

SC 1214

Serial Number:

Notes:

DIRECTION
(Reference
to North)

Revised Date:

Manufactured Date:

Revised WO/JO:



Status:

OPEN

OPEN

OPEN

Status:

OPEN

OPEN

CLOSED

Switch #:

14967

Switch #:

14966

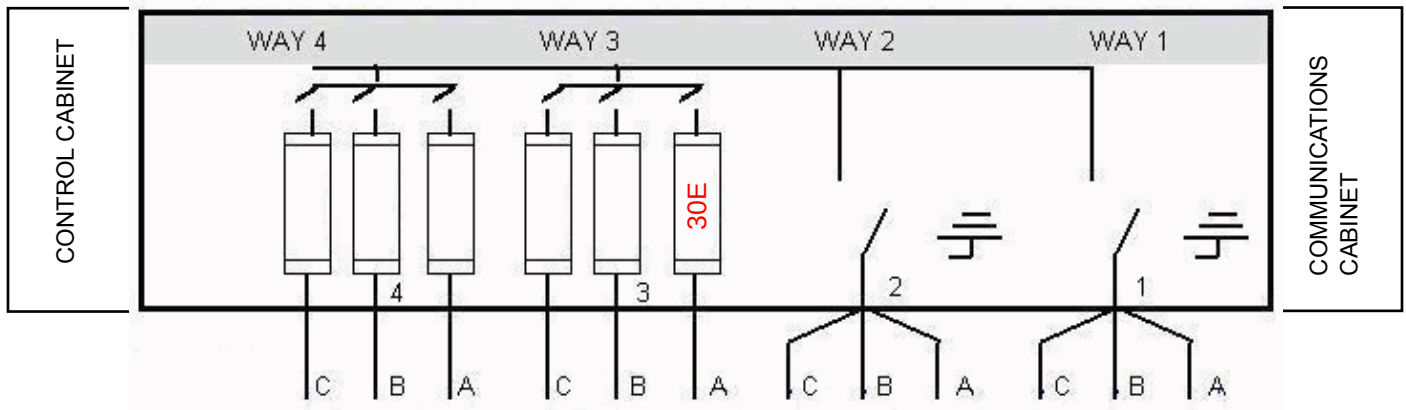
Status:

CLOSED

Status:

CLOSED

OPERATOR
SIDE



CABLE CONNECTION
SIDE

TO:

CONDUCTOR
SIZE:

VACANT

VACANT

VACANT

VACANT

VACANT

1/0 CONC EAST TO PM 2656

350 CONC EAST TO SC 1215,
WAY 1

350 CONC EAST TO SC 1215,
WAY 1

350 CONC EAST TO SC 1215,
WAY 1

350 CONC WEST TO POLE 2457

350 CONC WEST TO POLE 2457

350 CONC WEST TO POLE 2457



LOCATION

ALYESKA SUBD. TR.H AND ALPINE
MEADOWS AVE.

Grid Map Location No.: 4816 — 4852

Inspected by:

Install Date:

Install Work

Order ID:

Feeder:

E1913914

GWSS 412

Manufacturer:
VISTA

Model:
422.11

SC 1215

Serial Number:

Notes:

DIRECTION
(Reference
to North)

Revised Date:

Manufactured Date:

Revised WO/JO:



Status: CLOSED

Status: CLOSED

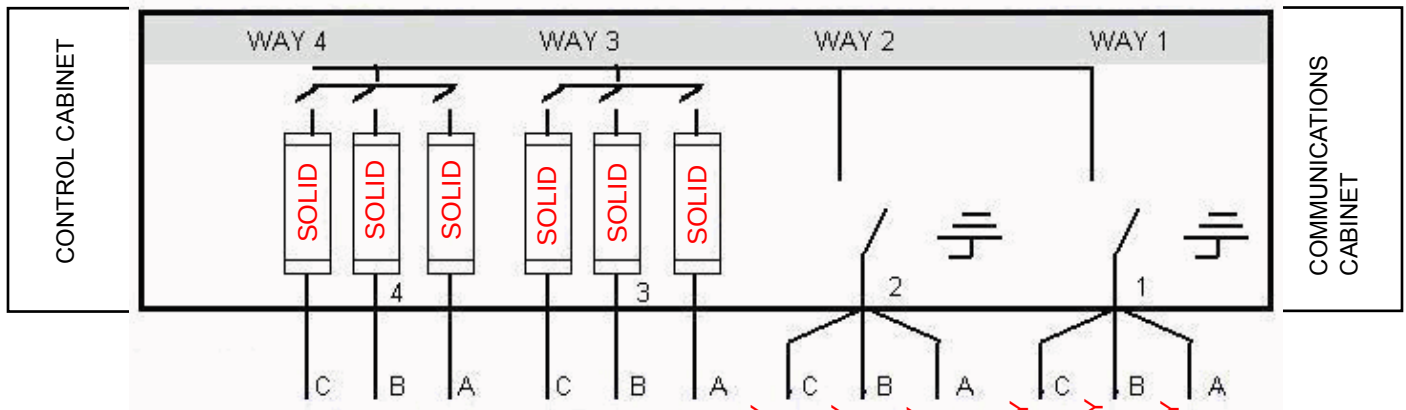
Switch #: 14969

Switch #: 14968

Status: CLOSED

Status: CLOSED

OPERATOR
SIDE



CABLE CONNECTION
SIDE

TO:

CONDUCTOR
SIZE:

350 CONC NORTH TO POLE 4354
350 CONC NORTH TO POLE 4354
350 CONC NORTH TO POLE 4354
350 CONC WEST/SOUTH TO POLE 3554
350 CONC WEST/SOUTH TO POLE 3554
350 CONC WEST/SOUTH TO POLE 3554
350 CONC EAST TO SC 1216, WAY 1
350 CONC EAST TO SC 1216, WAY 1
350 CONC EAST TO SC 1216, WAY 1
350 CONC WEST TO SC 1214, WAY 2
350 CONC WEST TO SC 1214, WAY 2
350 CONC WEST TO SC 1214, WAY 2



LOCATION

ALYESKA SUBD. BLOCK 1, NORTH
WEST CORNER OF LOT 8.

Grid Map Location No.: 4816 - 4751

Inspected by:

Install Date:

Install Work

Order ID:

Feeder:

E1913914

GWSS 422

Manufacturer:

VISTA

Model:

422.11

SC 1216

Serial Number:

Notes:

DIRECTION
(Reference
to North)

Revised Date:

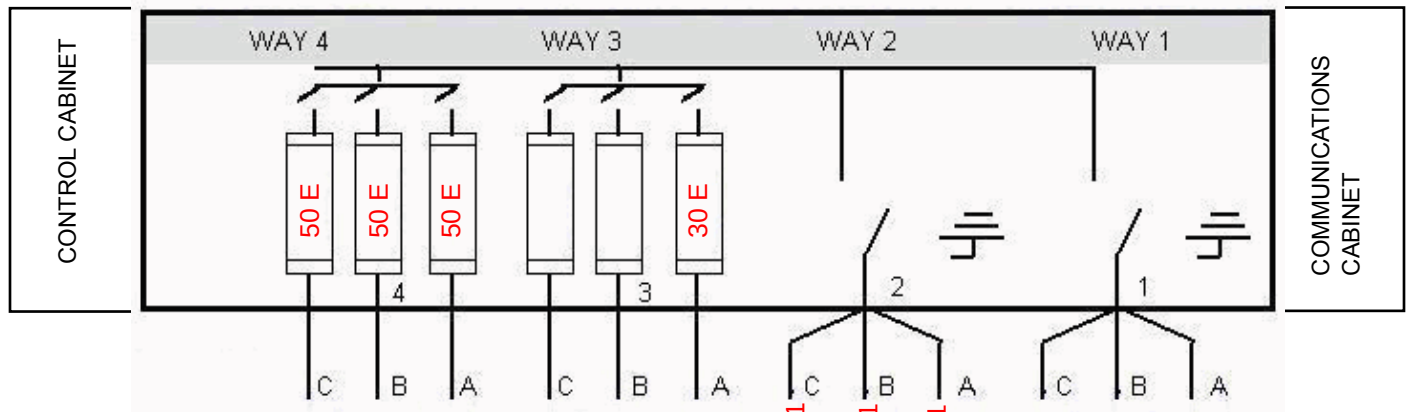
Manufactured Date:

Revised WO/JO:



Status:	CLOSED	CLOSED	CLOSED	Status:	OPEN	OPEN	CLOSED	Switch #:	14973	Switch #:	14972
								Status:	CLOSED	Status:	CLOSED

OPERATOR
SIDE



CABLE CONNECTION
SIDE

TO:

CONDUCTOR
SIZE:

350 CONC SOUTH TO POLE 6345	350 CONC SOUTH TO POLE 6345	350 CONC SOUTH TO POLE 6345	VACANT	VACANT	1/0 CONC WEST TO PM 5949.	350 CONC EAST TO SC 991, WAY 1	350 CONC EAST TO SC 991, WAY 1	350 CONC EAST TO SC 991, WAY 1	350 CONC WEST TO SC 1215, WAY 2.	350 CONC WEST TO SC 1215, WAY 2.	350 CONC WEST TO SC 1215, WAY 2.
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LOCATION

ALYESKA SUBD. BLOCK 2,
NORTH WEST CORNER
OF LOT 8.

Grid Map Location No.: **4816 — 4176**

Inspected by:

Install Date:

Install Work

Order ID:

Feeder:

E1913914

GWSS 422

MATERIAL ISSUE TICKET

Project : E1913914

ALYESKA SUBD. BLK 2 OH/UG

In Design

Work Request: E1913914

Capital Account: 10720/000/03/7665

Design : E1913914 1

Reimbursible Account: / /

Retirement Account: 10880/326/03/7665

Description	Part Number	Quantity Orderd	Issued
Inventory			
ANCHOR, CONCRETE 4FT (FAI-4X)	0000000052	1	
ANCHOR, CONCRETE 7FT (FAI-7X)	0000000053	3	
ARRESTER, SURGE 18KV	0000000104	12	
DEAD-END, TEE 3/4"	0000000156	4	
POLE, BRACE CROSSARM 28" WOOD	0000000314	4	
FASTENER, BRACKET CONDUIT STANDOFF	0000000322	21	
FASTENER, BRACKET CONDUIT STANDOFF W/BRACE	0000000323	7	
WIRE, AL JCN 25KV #1/0 XLPE	0000000348	1,537	
WIRE, AL JCN 25KV 350MCM XLPE	0000000349	675	
WIRE, AL URD SERVICE #006-2 (SL)(CLAFLIN)	0000000367	701	
WIRE, AL URD SVC #4/0 2/0 4/0(SWEETBRIAR)	0000000368	980	
WIRE, AL URD SERVICE #2 2 2 (RAMAPO)	0000000372	303	
WIRE, AL URD SVC #2/0 1 2/0 (CONVERSE)	0000000373	1,398	
WIRE, CU SDB #0006 SOL	0000000374	120	
WIRE, CU SDB #004 STR	0000000375	80	
WIRE, CU SDB #02 STR	0000000376	180	
WIRE, CU SDB #4/0 STR (19 STR.)	0000000378	120	
DEAD-END, AUTO 12.5M/16M ALUMOWELD (7#87#9)	0000000817	4	
DEAD-END, AUTO 10M ALUMOWELD (7#10)	0000000818	8	
DEAD-END, DE AUTO FEEDTHRU 1/0 ACSR	0000000820	1	
DEAD-END, DE AUTO CLEVIS ACSR #1/0	0000000825	5	
DEAD-END, DE AUTO CLEVIS ACSR #4/0	0000000826	6	
DEAD-END, PREFORM 10M ALUMOWELD (7#10)	0000000872	8	
DEAD-END, PREFORM 12.5M ALUMOWELD (7#9)	0000000873	2	
DEAD-END, PREFORM 16M ALUMOWELD (7#8)	0000000874	2	
CLEVIS, THIMBLE 5/8" 20K	0000000953	4	
CLEVIS, THIMBLE 3/4" 40K	0000000954	2	
ANCHOR, SHACKLE 3/4"	0000000956	4	
ANCHOR, SHACKLE 7/8"	0000000958	2	
LUG, COMP LUG AL 2H 350	0000001512	12	
FASTENER, CLAMP GROUND ROD 3/4"	0000001532	8	
LINE, WEDGE STIRRUP SHEAR-BOLT #4/0	0000001555	12	
CONNECTOR, UG CONN PED 6 POS SET SCREW	0000001583	10	
CONNECTOR, UG CONN PED NEUTRAL SET SCREW	0000001589	5	
CONNECTOR, UG CONN BLOCK XFMR NEUT 05/8" STUD SET SCREW	0000001592	4	
CONNECTOR, UG CONN BLOCK XFMR SEC 6 POS SET SCREW	0000001601	8	
POLE, CROSSARM DIST 08' 3 5/8" X 4 5/8"	0000001616	4	
POLE, CROSSARM DOUBLE D.E. ASS'Y 1/0 8' 3 WIRE	0000001620	1	
POLE, CROSSARM, GUYED DEADEND ASSY,8',3-WIRE	0000001623	2	
FUSE, S&C 14.4 SMU-20 040E	0000001707	1	
GUY, GUARD PLASTIC	0000002750	12	
DEAD-END, DE INSUL EPOX 15/26KV	0000003329	9	
PAD, CONC. SUM1 1 PHASE XFMR PAD, J-BOX	0000003742	4	
LINE, UG PEDESTAL FIBERGLASS	0000003759	5	
POLE, 045 CLASS 1	0000003866	1	
ANCHOR, ROD TW EYE 1" X 10'	0000004049	8	

Control Number _____

Legal Description _____

Charge for Materials Yes ___ No ___ Sale ___P.O. No. _____

Issued By _____ Received By _____Date ____/____/____

Contractor _____

Special Notes:

Title: Material Issue Ticket_XSYS

Project : E1913914

ALYESKA SUBD. BLK 2 OH/UG

In Design

Work Request: E1913914

Capital Account: 10720/000/03/7665

Design : E1913914 1

Reimbursible Account: / / /

Retirement Account: 10880/326/03/7665

Description	Part Number	Quantity Orderd	Issued
LINE, GROUND ROD 3/4" X 8'	0000004067	8	
CONDUIT, GRC 2"	0000004149	60	
CONDUIT, GRC 6"	0000004152	40	
CONDUIT, PVC 2"	0000004154	150	
CONDUIT, PVC 4"	0000004158	94	
CONDUIT, PVC 6"	0000004160	80	
CONDUIT, HDPE 2"	0000004161	2,239	
CONDUIT, GRC EL 90 DEG 2" 24" RADI	0000004164	2	
CONDUIT, GRC EL 90 DEG 2" 36" RADI	0000004165	2	
CONDUIT, GRC EL 90 DEG 4" 24" RADI	0000004167	2	
CONDUIT, FG EL 90 DEG 4" 36" RADI	0000004168	11	
CONDUIT, FG EL 90 DEGREE 4" 48" RADI	0000004169	2	
CONDUIT, GRC EL 90 DEG 6" 48" RADI	0000004172	26	
CONDUIT, FG EL 90 DEG 6" 60" RADI	0000004173	4	
CONDUIT, FG EL 45 DEGREE 4" 48" RADI	0000004183	2	
CONDUIT, FG EL 45 DEG 6" 60" RADI	0000004185	2	
PAD, CONC. GUARD POST 9'	0000004186	2	
CONDUIT, CLAMP GROUND 2"	0000004195	12	
CONDUIT, CLAMP GROUND 6"	0000004218	4	
CONDUIT, CHANNEL PIPE STRAP 2"	0000004240	24	
CONDUIT, CHANNEL PIPE STRAP 6"	0000004242	24	
LINE, BRACKET CABLE SUPPORT	0000004646	36	
KIT, PRIMARY TERM 25KV 350MCM JCN	0000004776	12	
UG ACCES 15/26KV ELBOW TERM 350MCM SF6	0000004792	27	
BUSHING, UG ACCES 15/26KV INSERT BSHG CAP	0000004794	4	
TRANSFORMER, 0025 KVA PM 1/PH 14.4/24.9 120/240	0000004947	4	
TRANSFORMER, 0050 KVA PM 1/PH 14.4/24.9 120/240	0000004949	1	
ANCHOR, ROD WASHER SQ 4" X 4" X 1 1/8"	0000005115	8	
GUY, WIRE GUY 10M ALUMOWELD (7#10)	0000005155	480	
GUY, WIRE GUY 12.5M ALUMOWELD (7#9)	0000005156	120	
GUY, WIRE GUY 16M ALUMOWELD (7#8)	0000005157	120	
WIRE, CU JCN 25KV 350MCM EPR	0000011318	6,910	
UG ACCES 15/26KV EL TERM 1/0 345MIL 200A	0000011399	10	
CONDUIT, HDPE 4"	0000011877	1,975	
CONDUIT, HDPE 6"	0000011888	3,410	
SHRINK, CABLE SEALER COLD SHRINK 2-4/0	0000012084	10	
WIRE, CU, COVERED TAP, #4/0	0000012098	60	
CONDUIT, PLUG, TRIPLEX (350/750 CONC), 6" DUCT	0000012323	4	
DEAD-END, DE TEE 7/8"	0000012491	2	
CONDUIT, PLUG, BLANK, 6"	0000012526	4	
LINE, UG INDICATOR FAULT CURRENT RESET 600A TRIP (350-750 KCMIL)	0000013367	3	
CONDUIT, FG EL 30 DEG 4" 48" RADIUS	0000014433	2	
CONDUIT, FG EL 30 DEG 6" 60" RADI	0000015050	2	
GUY, ATTACHMENT CONNECTING LINK, TWISTED	0000015244	12	
GUY, ATTACHMENT ROLLER	0000015246	12	
VISTA 422 25kV	0000015768	3	
PAD, CONC. GUARD POST COVER	0000015824	2	

Control Number _____

Legal Description _____

Charge for Materials Yes ___ No ___ Sale ___

P.O. No. _____

Issued By _____ Received By _____

Date ____/____/____

Contractor _____

Special Notes:

Title: Material Issue Ticket_XSYS

MATERIAL ISSUE TICKET

Project : E1913914

ALYESKA SUBD. BLK 2 OH/UG

In Design

Work Request: E1913914

Capital Account: 10720/000/03/7665

Design : E1913914 1

Reimbursible Account: / / /

Retirement Account: 10880/326/03/7665

Description	Part Number	Quantity Orderd	Issued
PAD, SWITCH CABINET 15/25KV VISTA	0000017456	3	
CONDUIT, FG 6"	0000019880	40	
OH-UG METER BASE ADAPTER WIREWAY, R.H.	M33010	3	
OH-UG METER BASE ADAPTER WIREWAY, L.H.	M33015	8	
Non-Inventory			
BLUE & GREEN CEA DECAL NON INV	0000010321	9	
CONN COMP H TAP SIZE AS REQ	0000010584	16	
WARNING DECAL NON-INV	0000010656	5	
WEDGE ANCHOR .5 X 2.75 NON-INV	0000010657	8	

Remarks:

Control Number

Legal Description

Charge for Materials

Yes ___ No ___ Sale ___

P.O. No.

Issued By

Received By

Date

Contractor

Special Notes:

Title: Material Issue Ticket_XSYS

6/22/202311:54:42

CHUGACH ELECTRIC ASSOCIATION, INC.

Page 1 of 1

MATERIAL RETIREMENT TICKET

Project : E1913914

ALYESKA SUBD. BLK 2 OH/UG

In Design

Work Request: E1913914

Design : E1913914 1

Capital Account: 10720/000/03/7665

Reimbursible Account: / / /

Retirement Account: 10880/326/03/7665

Description	Part Number	Qty. Retired	Retired
CUTOUT 14.4/24.9KV 100A LB	0000001631	2	_____
CUTOUT 14.4/24.9KV 100A	0000001634	5	_____
0025 KVA D/B 07.2/12.4 120/240	0000004844	1	_____
0025 KVA D/B 14.4/24.9 120/240	0000004878	4	_____
0050 KVA D/B 14.4/24.9 120/240	0000004880	1	_____

Remarks:

Control Number _____

Legal Description _____

Charge for Materials

Yes ___ No ___ Sale ___

P.O. No. _____

Issued By _____

Received By _____

Date ____/____/____

Contractor _____

Special Notes:

From: peoplesoft@chugachelectric.com
To: [Vladimir Krivosov](#)
Cc: [Warehouse Order Notification](#)
Subject: SOUTH District / INOAC, ArcFM Designer Order Submitted: DSN7617_2
Date: Tuesday, May 23, 2023 12:44:55 PM

SOUTH District / INOAC, Order DSN7617_2 submitted on 23-MAY-23 by VLADIMIR.

Account: 10720-000-03-7665

Project: E1913914-GENERAL

Number of Lines: 98

[Open Order in PeopleSoft](#)

Order	Line	Item	Qty	UOM	Descr
DSN7617_2	1	0000000052	2	EA	ANCHOR, CONCRETE 4FT (FAI-4X)
DSN7617_2	2	0000000053	2	EA	ANCHOR, CONCRETE 7FT (FAI-7X)
DSN7617_2	3	0000000104	12	EA	ARRESTER, SURGE 18KV
DSN7617_2	4	0000000156	2	EA	DEAD-END, TEE 3/4"
DSN7617_2	5	0000000314	4	EA	POLE, BRACE CROSSARM 28" WOOD
DSN7617_2	6	0000000322	24	EA	FASTENER, BRACKET CONDUIT STANDOFF
DSN7617_2	7	0000000323	8	EA	FASTENER, BRACKET CONDUIT STANDOFF W/BRACE
DSN7617_2	8	0000000348	1636	EA	WIRE, AL JCN 25KV #1/0 XLPE
DSN7617_2	9	0000000349	675	EA	WIRE, AL JCN 25KV 350MCM XLPE
DSN7617_2	10	0000000367	874	EA	WIRE, AL URD SERVICE #006-2 (SL) (CLAFLIN)
DSN7617_2	11	0000000368	846	EA	WIRE, AL URD SVC #4/0 2/0 4/0(SWEETBRIAR)
DSN7617_2	12	0000000372	2053	EA	WIRE, AL URD SERVICE #2 2 2 (RAMAPO)
DSN7617_2	13	0000000373	213	EA	WIRE, AL URD SVC #2/0 1 2/0 (CONVERSE)
DSN7617_2	14	0000000374	100	EA	WIRE, CU SDB #0006 SOL
DSN7617_2	15	0000000375	80	EA	WIRE, CU SDB #004 STR
DSN7617_2	16	0000000376	180	EA	WIRE, CU SDB #02 STR
DSN7617_2	17	0000000378	120	EA	WIRE, CU SDB #4/0 STR (19 STR.)
DSN7617_2	18	0000000817	6	EA	DEAD-END, AUTO 12.5M/16M ALUMOWELD (7#87#9)
DSN7617_2	19	0000000818	4	EA	DEAD-END, AUTO 10M ALUMOWELD (7#10)
DSN7617_2	20	0000000820	1	EA	DEAD-END, DE AUTO FEEDTHRU 1/0 ACSR
DSN7617_2	21	0000000825	5	EA	DEAD-END, DE AUTO CLEVIS ACSR #1/0

DSN7617_2 22	0000000826 6	EA	DEAD-END, DE AUTO CLEVIS ACSR #4/0
DSN7617_2 23	0000000872 4	EA	DEAD-END, PREFORM 10M ALUMOWELD (7#10)
DSN7617_2 24	0000000873 4	EA	DEAD-END, PREFORM 12.5M ALUMOWELD (7#9)
DSN7617_2 25	0000000874 2	EA	DEAD-END, PREFORM 16M ALUMOWELD (7#8)
DSN7617_2 26	0000000878 1	EA	DEAD-END, D.E. SVC WEDGE 04-1/0
DSN7617_2 27	0000000953 2	EA	CLEVIS, THIMBLE 5/8" 20K
DSN7617_2 28	0000000954 3	EA	CLEVIS, THIMBLE 3/4" 40K
DSN7617_2 29	0000000956 2	EA	ANCHOR, SHACKLE 3/4"
DSN7617_2 30	0000000958 3	EA	ANCHOR, SHACKLE 7/8"
DSN7617_2 31	0000001509 3	EA	LUG, COMP LUG AL 2H #1/0
DSN7617_2 32	0000001512 9	EA	LUG, COMP LUG AL 2H 350
DSN7617_2 33	0000001532 8	EA	FASTENER, CLAMP GROUND ROD 3/4"
DSN7617_2 34	0000001555 12	EA	LINE, WEDGE STIRRUP SHEAR-BOLT #4/0
DSN7617_2 35	0000001583 8	EA	CONNECTOR, UG CONN PED 6 POS SET SCREW
DSN7617_2 36	0000001589 4	EA	CONNECTOR, UG CONN PED NEUTRAL SET SCREW
DSN7617_2 37	0000001592 4	EA	CONNECTOR, UG CONN BLOCK XFMR NEUT 05/8" STUD SET
DSN7617_2 38	0000001601 8	EA	CONNECTOR, UG CONN BLOCK XFMR SEC 6 POS SET SCREW
DSN7617_2 39	0000001616 4	EA	POLE, CROSSARM DIST 08' 3 5/8" X 4 5/8"
DSN7617_2 40	0000001620 1	EA	POLE, CROSSARM GUYED DOUBLE D.E. ASS'Y 1/0 8'
DSN7617_2 41	0000001623 2	EA	POLE, CROSSARM, GUYED DEADEND ASSY,8',3-WIRE
DSN7617_2 42	0000001707 1	EA	FUSE, S&C 14.4 SMU-20 040E
DSN7617_2 43	0000002750 10	EA	GUY, GUARD PLASTIC
DSN7617_2 44	0000003311 1	EA	CLEVIS, SPOOL 3"
DSN7617_2 45	0000003329 9	EA	DEAD-END, DE INSUL EPOX 15/26KV
DSN7617_2 46	0000003742 4	EA	PAD, CONC. SUM1 1 PHASE XFMR PAD, J-BOX
DSN7617_2 47	0000003759 4	EA	LINE, UG PEDESTAL FIBERGLASS
DSN7617_2 48	0000003866 1	EA	POLE, 045 CLASS 1
DSN7617_2 49	0000004049 8	EA	ANCHOR, ROD TW EYE 1" X 10'
DSN7617_2 50	0000004067 8	EA	LINE, GROUND ROD 3/4" X 8'
DSN7617_2 51	0000004149 50	EA	CONDUIT, GRC 2"

DSN7617_2 52	0000004152 40	EA	CONDUIT, GRC 6"
DSN7617_2 53	0000004154 140	EA	CONDUIT, PVC 2"
DSN7617_2 54	0000004160 80	EA	CONDUIT, PVC 6"
DSN7617_2 55	0000004161 2695	EA	CONDUIT, HDPE 2"
DSN7617_2 56	0000004164 2	EA	CONDUIT, GRC EL 90 DEG 2" 24" RADI
DSN7617_2 57	0000004165 3	EA	CONDUIT, GRC EL 90 DEG 2" 36" RADI
DSN7617_2 58	0000004168 12	EA	CONDUIT, FIBERGLASS ELBOW 90 DEG 4" 36" RADIUS
DSN7617_2 59	0000004169 1	EA	CONDUIT, FIBERGLASS ELBOW 90 DEGREE 4" 48" RADIUS
DSN7617_2 60	0000004172 24	EA	CONDUIT, FIBERGLASS ELBOW 90 DEGREE 6" 48" RADIUS
DSN7617_2 61	0000004173 6	EA	CONDUIT, FIBERGLASS ELBOW 90 DEG 6" 60" RADIUS
DSN7617_2 62	0000004183 2	EA	CONDUIT, FIBERGLASS ELBOW 45 DEGREE 4" 48" RADIUS
DSN7617_2 63	0000004185 2	EA	CONDUIT, FIBERGLASS ELBOW 45 DEG 6" 60" RADI
DSN7617_2 64	0000004186 2	EA	PAD, CONC. GUARD POST 9'
DSN7617_2 65	0000004195 10	EA	CONDUIT, CLAMP GROUND 2"
DSN7617_2 66	0000004218 4	EA	CONDUIT, CLAMP GROUND 6"
DSN7617_2 67	0000004240 20	EA	CONDUIT, CHANNEL PIPE STRAP 2"
DSN7617_2 68	0000004242 24	EA	CONDUIT, CHANNEL PIPE STRAP 6"
DSN7617_2 69	0000004514 3	EA	KIT, PRIMARY SPLICE 25KV #01-1/0 JCN
DSN7617_2 70	0000004646 33	EA	LINE, BRACKET CABLE SUPPORT P/N CS820
DSN7617_2 71	0000004774 3	EA	KIT, PRIMARY TERM 25KV #01-4/0 JCN
DSN7617_2 72	0000004776 9	EA	KIT, PRIMARY TERM 25KV 350MCM JCN, W / 2 HOLE LUG
DSN7617_2 73	0000004792 27	EA	ELBOW, UG ACCES 15/26KV ELBOW TERM 350MCM SF6
DSN7617_2 74	0000004794 4	EA	BUSHING, UG ACCES 15/26KV INSERT BSHG CAP
DSN7617_2 75	0000004947 4	EA	TRANSFORMER, 0025 KVA PM 1/PH 14.4/24.9 120/240
DSN7617_2 76	0000004949 1	EA	TRANSFORMER, 0050 KVA PM 1/PH 14.4/24.9 120/240
DSN7617_2 77	0000005115 8	EA	ANCHOR, ROD WASHER SQ 4" X 4" X 1 1/8"
DSN7617_2 78	0000005155 240	EA	GUY, WIRE GUY 10M ALUMOWELD (7#10)

DSN7617_2 79	0000005156 240	EA	GUY, WIRE GUY 12.5M ALUMOWELD (7#9)
DSN7617_2 80	0000005157 120	EA	GUY, WIRE GUY 16M ALUMOWELD (7#8)
DSN7617_2 81	0000011318 6795	EA	WIRE, CU JCN 25KV 350MCM EPR
DSN7617_2 82	0000011399 10	EA	ELBOW, UG ACCES 15/26KV ELBOW TERM 1/0 345MIL 200A
DSN7617_2 83	0000011877 1958	EA	CONDUIT, HDPE 4" (40 FT STICK)
DSN7617_2 84	0000011888 3410	EA	CONDUIT, HDPE 6" (40 FT STICK)
DSN7617_2 85	0000012084 10	EA	SHRINK, CABLE SEALER COLD SHRINK 2-4/0
DSN7617_2 86	0000012098 60	EA	WIRE, CU, COVERED TAP, #4/0, 500' REELS.
DSN7617_2 87	0000012323 4	EA	CONDUIT, PLUG, TRIPLEX (350/750 CONC), 6" DUCT
DSN7617_2 88	0000012491 3	EA	DEAD-END, DE TEE 7/8"
DSN7617_2 89	0000012526 4	EA	CONDUIT, PLUG, BLANK, 6"
DSN7617_2 90	0000013367 3	EA	LINE, UG INDICATOR FAULT CURRENT RESET 600A TRIP (
DSN7617_2 91	0000014433 2	EA	CONDUIT, FIBERGLASS ELBOW 30 DEG 4" 48" RADIUS
DSN7617_2 92	0000015050 2	EA	CONDUIT, FIBERGLASS ELBOW 30 DEG 6" 60" RADI
DSN7617_2 93	0000015244 10	EA	GUY, ATTACHMENT CONNECTING LINK, TWISTED
DSN7617_2 94	0000015246 10	EA	GUY, ATTACHMENT ROLLER
DSN7617_2 95	0000015768 3	EA	CABINET, SWITCH VISTA-422 SF6 25KV
DSN7617_2 96	0000015824 2	EA	PAD, CONC. GUARD POST COVER
DSN7617_2 97	0000017456 3	EA	PAD. CONC. SUMI L. VISTA 56" W X 53" . STEEL REIN
DSN7617_2 98	0000019880 40	EA	CONDUIT, FIBERGLASS 6" 10' LENGTHS