

**In Design**

**BIDSHEET**

for

**PROJECT : E2214130**

**Head of the Bay**

**Work Request:** E2214130  
**Design No.:** HEAD OF THE BAY  
**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: Elijah Cook Date: 8/27/24

Reviewed by Supervisor/Manager: Jake Moe Date: 8/27/24  
Elijah Cook  
Supervisor

**Remarks:**

**In Design**

**Project: E2214130**  
 Head of the Bay

Contractor: \_\_\_\_\_

Assembly Unit	Proposed Quantity	Actual Quantity	Labor	Material	Labor & Material	Extended Labor & Material
1/0 ACSR 3 PH	1.725					
1/0 ACSR Neutral	0.575					
1/0 CONC 25KV 3	9.195					
2 QPX Service	0.200					
2 TPX Secondary	0.200					
BENCHING	1.000					
Ground Thawing	1.000					
J11	3.000					
K15C	1.000					
M2-11	1.000					
M5-21	2.000					
MANHOURS	200.000					
POLE45/1	2.000					
POLE45/3	2.000					
ROCK	1.000					
SE1-5	4.000					
SF4P	4.000					
SHUR2-5	0.020					
SM2-11	2.000					
SM52-3	4.000					
SR1-16	1.000					
SUM12C	2.000					
SUM1B	4.000					
SUM1-CE	1.000					
SUM5	2.000					
SUM5014FR	1.000					
SUM5016FR	1.000					
SUM5024P	0.040					
SUM5026H	8.455					
SUM5-2/0 QUAD	1.000					
SUM5A	2.000					

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**In Design**

**Project: E2214130**  
Head of the Bay

Contractor: \_\_\_\_\_

Assembly Unit	Proposed Quantity	Actual Quantity	Labor	Material	Labor & Material	Extended Labor & Material
SUM5A-2/0 QUAD	1.000					
SUM6-1G-345MIL	5.000					
SUM6-25G 3 PH	2.000					
SUME290S2	3.000					
SUME460F4	2.000					
SUME490F3	1.000					
SUME490F4	6.000					
SUME630F5	12.000					
SUME645F5	12.000					
SUME690F5	12.000					
SUMH-814	4.000					
SUMV-1	72.000					
SUR2-5	2.905					
SURCG	1.250					
SURCP	0.082					
Survey	1.000					
SVC1R	2.000					
SVG312-75	1.000					
SVM5-9B 3 PH	3.000					
SVUC1	1.000					
SVUC2	1.000					
SVUG17A-150	1.000					
SVUG17A-75	1.000					
SVUG17B-75	1.000					
SVUM6-28G 345 3	7.000					
SWPPP-BP	1.000					
Traffic Control	1.000					
WINTER	1.000					
XUR2-11A	3,600					
XUR2-12	2,400					
XVC7F	2.000					

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**In Design**

**Project: E2214130**  
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Contractor: \_\_\_\_\_

Assembly Unit	Proposed Quantity	Actual Quantity	Labor	Material	Labor & Material	Extended Labor & Material
* 1/0 CONC 25KV 3	0.300					
* 2 ACSR 3 PH	2.700					
* 2 ACSR Neutral	0.900					
* 2 TPX Secondary	0.200					
* 500 QUAD Service	0.030					
* J11	2.000					
* M2-11	2.000					
* M5-21	2.000					
* POLE40/2	1.000					
* POLE45/3	4.000					
* POLE65/H1	1.000					
* SE1-4	3.000					
* SE1-5	2.000					
* SM2-11	1.000					
* SUC1	1.000					
* SUM1B	1.000					
* SUM5	2.000					
* SUM5014FR	1.000					
* SUM5-2/0 QUAD	1.000					
* SUM5A	2.000					
* SUM5A-2/0 QUAD	1.000					
* SUM6-25G 3 PH	2.000					
* SUME290S2	3.000					
* SUME490F3	1.000					
* SUME490F4	2.000					
* SVC2R	2.000					
* SVC7-1	2.000					
* SVC9-2	1.000					
* SVG312-75	2.000					
* SVM5-9B 3 PH	3.000					
* SVUC2	1.000					

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**In Design**

**Project: E2214130**  
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Contractor: \_\_\_\_\_

	Assembly Unit	Proposed Quantity	Actual Quantity	Labor	Material	Labor & Material	Extended Labor & Material
*	SVUG17B-300	1.000					
A	SF4P	4.000					
A	SUM5014S	0.100					
A	SUM5024P	0.015					

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**In Design  
STAKING SHEET**

**for  
PROJECT: E2214130  
Head of the Bay**

**Work Request: E2214130  
Design: HEAD OF THE BAY  
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:**

Reviewed by Designer/Project Engineer: *Elijah Cook* Date: 8/27/24  
Reviewed by Supervisor/Manager: *Jake Moe* Date: 8/27/24  
*Elijah Cook*  
*Jake Moe*  
Supervisor

**Remarks:**

- COORDINATE OUTAGE WITH MIKE WILSON (907)244-7302 FOR ACS METERS EAST OF TANK FARM ROAD

Chugach Electric Association  
5601 Electron Drive  
Anchorage, AK 99518

Designer \_\_\_\_\_ Date \_\_\_/\_\_\_/\_\_\_

Checker \_\_\_\_\_ Date \_\_\_/\_\_\_/\_\_\_

Manager \_\_\_\_\_ Date \_\_\_/\_\_\_/\_\_\_

Project: E2214130

Design: HEAD OF THE BAY

In Design

Head of the Bay

Grid: W002

**Structure: 00. GENERAL**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
BENCHING	Install	1	1	BENCHING (BENCHING TRENCH ROUTE)		
Ground Thawing	Install	1	1	Ground Thawing (Ground Thawing)		
MANHOURS	Install	0	200	MANHOURS (MANHOUR OF LABOR)		
ROCK	Install	1	1	ROCK (ROCK EXCAVATION)		
SR1-16	Install	1	1	SR1-16 (CLEARING, 16' FOR UG LINES)		
Survey	Install	0	1	Survey (Survey (Direct Cost))		
SWPPP-BP	Install	0	1	SWPPP-BP (STORM WATER PLAN - BP)		
Traffic Control	Install	0	1	Traffic Control (Traffic Control)		
WINTER	Install	0	1	WINTER Construct (WINTER Construct)		
XUR2-11A	Install	0	3,600	XUR2-11A (XUR2-11A (TYPE II))		
XUR2-12	Install	0	2,400	XUR2-12 (EXPORT)		

Remarks: - MANHOURS FOR USE AT THE INSPECTOR'S DISCRETION  
 - ROCK, TRAFFIC CONTROL, BENCHING, AND CLEARING LUMP SUM UNIT  
 - WINTER CONSTRUCTION IS LUMP SUM UNIT FOR COLD WEATHER AND/OR SNOW REMOVAL  
 - GROUND THAWING UNIT IS LUMP SUM UNIT FOR FROZEN SOILS

**Structure: 01. POLE 3398**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
J11	Install	0	1	J11 (SECONDARY DEADEND)		
M5-21	Install	0	1	M5-21 (EXTENSION LINK)		
POLE45/1	Install	0	1	POLE45/1 (POLE, 045 CLASS 1)		
SE1-5	Install	0	1	SE1-5 (DOWN GUY, SINGLE, 16M)		
SE1-5	Install	0	1	SE1-5 (DOWN GUY, SINGLE, 16M)		
SF4P	Install	0	1	SF4P (ANCHOR,PLATE,16M, 3/4" X 8' RO)		
SF4P	Install	0	1	SF4P (ANCHOR,PLATE,16M, 3/4" X 8' RO)		
SM2-11	Install	0	1	SM2-11 (POLE GROUNDING ASSY)		
SM52-3	Install	0	1	SM52-3 (POLE NUMBER)		
SUM5014FR	Install	0	1	FIRST 10FT SPARE EMPTY 4" FG RISER		
SUM5A	Install	0	1	SECONDARY RISER-EXISTING STANDOFF		
SUM6-25G 3 PH	Install	0	1	SUM6-25G (1/0 PRIMARY TERMINATION-25kV)		
SUME290S2	Install	0	1	SUME290S2 (2" RSC 90 24")		
SUME490F4	Install	0	2	SUME490F4 (4" FG 90 48")		
SVUC2	Install	0	1	SVUC2 (3 PH FEEDER TP-25KV-1/0)		
XVC7F	Install	0	1	XVC7F (FIBERGLASS SINGLE DEADEND)		
J11	Remove	0	1	J11 (SECONDARY DEADEND)		
POLE40/2	Remove	0	1	POLE40/2 (POLE, 040 CLASS 2)		
SE1-4	Remove	0	1	SE1-4 (DOWN GUY, SINGLE, 12.5M)		
SE1-4	Remove	0	1	SE1-4 (DOWN GUY, SINGLE, 12.5M)		
SM2-11	Remove	0	1	SM2-11 (POLE GROUNDING ASSY)		
SUM5014FR	Remove	0	1	FIRST 10FT SPARE EMPTY 4" FG RISER		
SUM5A	Remove	0	1	SECONDARY RISER-EXISTING STANDOFF		
SUM6-25G 3 PH	Remove	0	1	SUM6-25G (1/0 PRIMARY TERMINATION-25kV)		
SUME290S2	Remove	0	1	SUME290S2 (2" RSC 90 24")		
SUME490F4	Remove	0	2	SUME490F4 (4" FG 90 48")		
SVC7-1	Remove	0	1	SVC7-1 (XARM SINGLE DEADEND)		
SVUC2	Remove	0	1	SVUC2 (3 PH FEEDER TP-25KV-1/0)		
SF4P	Abandon	0	1	SF4P (ANCHOR,PLATE,16M, 3/4" X 8' RO)		

Remarks: - LINK OUT B PHASE  
 - GUY LEAD LENGTHS ARE 17'  
 - SET POLE 6.5' DEEP

**Structure: 01A. PB 3504**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 CONC 25KV 3	Install	3	20	1/0 CONC 25KV Wire 3 PH (1/0 CONC CABLE)		
SHUR2-5	Install	1	20	SHUR2-5 (PRIMARY TRENCH HAND -DIG)		
SUM1B	Install	0	1	SUM1B (CONCRETE PAD 3 PH XFMR)		
SUM1-CE	Install	0	1	SUM1B METAL PAD COVERING		
SUM5024P	Install	1	20	SUM5024P - Conduit ((2) 4" PVC CONDUIT)		
SUM5024P	Install	1	20	SUM5024P - Conduit ((2) 4" PVC CONDUIT)		
SUME460F4	Install	0	2	SUME460F4 (4" FG 60 48")		
SUME490F4	Install	0	4	SUME490F4 (4" FG 90 48")		
SUR2-5	Install	1	20	SUR2-5 (PRIMARY TRENCH)		
SVUM6-28G 345 3	Install	0	1	SVUM6-28G 345 (1/0 PRIMARY SPLICE-25KV)		

Chugach Electric Association 5601 Electron Drive Anchorage, AK 99518	Designer/Project Engineer _____ Date ____/____/____
	Checker _____ Date ____/____/____
	Manager/Supervisor _____ Date ____/____/____

Project: E2214130 Design: HEAD OF THE BAY

In Design

Head of the Bay

Grid: W002

Remarks: - HAND DIG TO INTERCEPT EXISTING 1/0 CONC. IN 4" HDPE FROM SC 678 TO POLE 3398 AND REROUTE TO PB 3504  
 - TRENCH NEW 1/0 CONC. IN 4" PVC TO POLE 3398  
 - 60 DEGREE SWEEPS FOR HORIZONTAL BENDS  
 \*\*\*\*\* RETURN TO WL 01. POLE 3398 \*\*\*\*\*

**Structure: 02. POLE 3817**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 ACSR 3 PH	Install	3	200	1/0 ACSR 3 PH (OH PRIMARY CONDUCTOR)		
1/0 ACSR Neutral	Install	1	200	1/0 ACSR Neutral		
2 TPX Secondary	Install	1	200	2 TPX OH SECONDARY CONDUCTOR		
J11	Install	0	1	J11 (SECONDARY DEADEND)		
K15C	Install	0	1	K15C (SRV ASSY. ON EYE NUT)		
M2-11	Install	0	1	M2-11 (POLE GROUNDING ASSY)		
POLE45/3	Install	0	1	POLE45/3 (POLE, 045 CLASS 3)		
SM52-3	Install	0	1	SM52-3 (POLE NUMBER)		
SUM5	Install	0	1	SUM5 (SECONDARY RISER)		
SUM5A	Install	0	1	SECONDARY RISER-EXISTING STANDOFF		
SUM5A-2/0 QUAD	Install	0	1	SUM5A-2/0 QUAD (SECONDARY RISER-2/0QUAD)		
SUME290S2	Install	0	1	SUME290S2 (2" RSC 90 24")		
SUME490F3	Install	0	1	SUME490F3 (4" FG 90 36")		
SVC1R	Install	0	1	SVC1R (25KV 10' XARM SINGLE SUPPORT)		
SVG312-75	Install	0	1	SVG312-75 (XFMR BANK,3PH,75 KVA)		
2 ACSR 3 PH	Remove	3	200	2 ACSR Conductor 3 PH (OH PRIMARY CONDUCTOR)		
2 ACSR Neutral	Remove	1	200	2 ACSR Neutral		
2 TPX Secondary	Remove	1	200	2 TPX OH SECONDARY CONDUCTOR		
J11	Remove	0	1	J11 (SECONDARY DEADEND)		
M2-11	Remove	0	1	M2-11 (POLE GROUNDING ASSY)		
POLE45/3	Remove	0	1	POLE45/3 (POLE, 045 CLASS 3)		
SUM5	Remove	0	1	SUM5 (SECONDARY RISER)		
SUM5A	Remove	0	1	SECONDARY RISER-EXISTING STANDOFF		
SUM5A-2/0 QUAD	Remove	0	1	SUM5A-2/0 QUAD (SECONDARY RISER-2/0QUAD)		
SUME290S2	Remove	0	1	SUME290S2 (2" RSC 90 24")		
SUME490F3	Remove	0	1	SUME490F3 (4" FG 90 36")		
SVC2R	Remove	0	1	SVC2R (25KV 10' XARM DBL SUPPORT)		
SVG312-75	Remove	0	1	SVG312-75 (XFMR BANK,3PH,75 KVA)		

Remarks: - SET POLE 6.5' DEEP  
 - COORDINATE OUTAGE WITH MICHAEL WILSON (907)244-7302

**Structure: 03. POLE 3919**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 ACSR 3 PH	Install	3	200	1/0 ACSR 3 PH (OH PRIMARY CONDUCTOR)		
1/0 ACSR Neutral	Install	1	200	1/0 ACSR Neutral		
2 QPX Service	Install	1	200	OH SECONDARY CONDUCTOR		
J11	Install	0	1	J11 (SECONDARY DEADEND)		
POLE45/3	Install	0	1	POLE45/3 (POLE, 045 CLASS 3)		
SM52-3	Install	0	1	SM52-3 (POLE NUMBER)		
SUM5	Install	0	1	SUM5 (SECONDARY RISER)		
SUM5-2/0 QUAD	Install	0	1	SUM5-2/0 QUAD (SECONDARY RISER-2/0QUAD)		
SUME290S2	Install	0	1	SUME290S2 (2" RSC 90 24")		
SVC1R	Install	0	1	SVC1R (25KV 10' XARM SINGLE SUPPORT)		
2 ACSR 3 PH	Remove	3	200	2 ACSR Conductor 3 PH (OH PRIMARY CONDUCTOR)		
2 ACSR Neutral	Remove	1	200	2 ACSR Neutral		
M2-11	Remove	0	1	M2-11 (POLE GROUNDING ASSY)		
POLE45/3	Remove	0	1	POLE45/3 (POLE, 045 CLASS 3)		
SUM5	Remove	0	1	SUM5 (SECONDARY RISER)		
SUM5-2/0 QUAD	Remove	0	1	SUM5-2/0 QUAD (SECONDARY RISER-2/0QUAD)		
SUME290S2	Remove	0	1	SUME290S2 (2" RSC 90 24")		
SVC2R	Remove	0	1	SVC2R (25KV 10' XARM DBL SUPPORT)		
SVG312-75	Remove	0	1	SVG312-75 (XFMR BANK,3PH,75 KVA)		

Remarks: - SET POLE 6.5' DEEP

**Structure: 04. POLE 4123**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 ACSR 3 PH	Install	3	175	1/0 ACSR 3 PH (OH PRIMARY CONDUCTOR)		
1/0 ACSR Neutral	Install	1	175	1/0 ACSR Neutral		
M5-21	Install	0	1	M5-21 (EXTENSION LINK)		
POLE45/1	Install	0	1	POLE45/1 (POLE, 045 CLASS 1)		

Chugach Electric Association 5601 Electron Drive Anchorage, AK 99518	Designer/Project Engineer	_____	Date	___/___/___
	Checker	_____	Date	___/___/___
	Manager/Supervisor	_____	Date	___/___/___



Project: E2214130 Design: HEAD OF THE BAY

In Design

Head of the Bay

Grid: W002

**Structure: 04. POLE 4123**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
SE1-5	Install	0	1	SE1-5 (DOWN GUY, SINGLE, 16M)		
SE1-5	Install	0	1	SE1-5 (DOWN GUY, SINGLE, 16M)		
SF4P	Install	0	1	SF4P (ANCHOR,PLATE,16M, 3/4" X 8' RO)		
SF4P	Install	0	1	SF4P (ANCHOR,PLATE,16M, 3/4" X 8' RO)		
SM2-11	Install	0	1	SM2-11 (POLE GROUNDING ASSY)		
SM52-3	Install	0	1	SM52-3 (POLE NUMBER)		
SUM12C	Install	0	1	UG LOCATOR DISC		
SUM5016FR	Install	0	1	FIRST 10FT SPARE EMPTY 6" FG RISER		
SUM6-25G 3 PH	Install	0	1	SUM6-25G (1/0 PRIMARY TERMINATION-25kV)		
SUME690F5	Install	0	2	SUME690F5 (6" FG 90 60")		
SVM5-9B 3 PH	Install	0	3	SVM5-9B (CUTOUT ASSEMBLY LOAD BREAK) 3 PH		
SVUC1	Install	0	1	SVUC1 (THREE PHASE TP-25KV)		
XVC7F	Install	0	1	XVC7F (FIBERGLASS SINGLE DEADEND)		
2 ACSR 3 PH	Remove	3	175	2 ACSR Conductor 3 PH (OH PRIMARY CONDUCTOR)		
2 ACSR Neutral	Remove	1	175	2 ACSR Neutral		
M5-21	Remove	0	1	M5-21 (EXTENSION LINK)		
M5-21	Remove	0	1	M5-21 (EXTENSION LINK)		
POLE45/3	Remove	0	1	POLE45/3 (POLE, 045 CLASS 3)		
SE1-5	Remove	0	1	SE1-5 (DOWN GUY, SINGLE, 16M)		
SE1-5	Remove	0	1	SE1-5 (DOWN GUY, SINGLE, 16M)		
SF4P	Abandon	0	1	SF4P (ANCHOR,PLATE,16M, 3/4" X 8' RO)		
SF4P	Abandon	0	1	SF4P (ANCHOR,PLATE,16M, 3/4" X 8' RO)		

Remarks: - LINK OUT B PHASE  
 - FUSE AT 40T  
 - GUY LEAD LENGTHS ARE 30'  
 - SET POLE 6.5' DEEP  
 - CAP (4) 6" HDPE SPARES AND PLACE LOCATOR DISC UNDER CONDUIT AT BASE OF POLE

**Structure: 05. POLE 4325**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
2 ACSR 3 PH	Remove	3	125	2 ACSR Conductor 3 PH (OH PRIMARY CONDUCTOR)		
2 ACSR Neutral	Remove	1	125	2 ACSR Neutral		
POLE45/3	Remove	0	1	POLE45/3 (POLE, 045 CLASS 3)		
SUC1	Remove	0	1	SUC1 (PRI RISER)		
SUM6-25G 3 PH	Remove	0	1	SUM6-25G (1/0 PRIMARY TERMINATION-25kV)		
SVC9-2	Remove	0	1	SVC9-2 (UNDERBUILD XARM LGCNDR)		
SVM5-9B 3 PH	Remove	0	3	SVM5-9B (CUTOUT ASSEMBLY LOAD BREAK) 3 PH		

Remarks:

**Structure: 06. PM 4025**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 CONC 25KV 3	Remove	3	100	1/0 CONC 25KV Wire 3 PH (1/0 CONC CABLE)		
500 QUAD Service	Remove	1	15	500 MCM 4-WIRE SERVICE		
500 QUAD Service	Remove	1	15	500 MCM 4-WIRE SERVICE		
SUM1B	Remove	0	1	SUM1B (CONCRETE PAD 3 PH XFMR)		
SVUG17B-300	Remove	0	1	XFMR,PM, 300 KVA, 3 PH, RADIAL		
SUM5014S	Abandon	1	100	(1) 4" STEEL CONDUIT		
SUM5024P	Abandon	1	15	SUM5024P - Conduit ((2) 4" PVC CONDUIT)		

Remarks: \*\*\*\*\* RETURN TO WL 05. POLE 4325 \*\*\*\*\*

**Structure: 07. POLE 4928**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
2 ACSR 3 PH	Remove	3	200	2 ACSR Conductor 3 PH (OH PRIMARY CONDUCTOR)		
2 ACSR Neutral	Remove	1	200	2 ACSR Neutral		
POLE65/H1	Remove	0	1	POLE65/H1 (POLE, 065 CLASS H1)		
SE1-4	Remove	0	1	SE1-4 (DOWN GUY, SINGLE, 12.5M)		
SVC7-1	Remove	0	1	SVC7-1 (XARM SINGLE DEADEND)		
SF4P	Abandon	0	1	SF4P (ANCHOR,PLATE,16M, 3/4" X 8' RO)		

Remarks: \*\*\*\*\* RETURN TO WL 04. POLE 4123 \*\*\*\*\*

**Structure: 08. VAULT 6843**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 CONC 25KV 3	Install	3	770	1/0 CONC 25KV Wire 3 PH (1/0 CONC CABLE)		
SUM5026H	Install	1	770	SUM5026H - Conduit ((2) 6" HDPE CONDUIT)		
SUM5026H	Install	1	770	SUM5026H - Conduit ((2) 6" HDPE CONDUIT)		

Chugach Electric Association	Designer/Project Engineer	_____	Date	___/___/___
5601 Electron Drive	Checker	_____	Date	___/___/___
Anchorage, AK 99518	Manager/Supervisor	_____	Date	___/___/___

Project: E2214130 Design: HEAD OF THE BAY

In Design

Head of the Bay

Grid: W002

**Structure: 08. VAULT 6843**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
SUM5026H	Install	1	770	SUM5026H - Conduit ((2) 6" HDPE CONDUIT)		
SUMH-814	Install	0	1	Pull Vault - 8x14x8		
SUMV-1	Install	0	12	CABLE RACK RAO8 & STANCHION		
SUR2-5	Install	1	770	SUR2-5 (PRIMARY TRENCH)		
SVUM6-28G 345 3	Install	0	1	SVUM6-28G 345 (1/0 PRIMARY SPLICE-25KV)		

Remarks: - FIRETAPE ALL CIRCUITS WITHIN VAULT

**Structure: 09. VAULT 6866**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 CONC 25KV 3	Install	3	735	1/0 CONC 25KV Wire 3 PH (1/0 CONC CABLE)		
SUM5026H	Install	1	735	SUM5026H - Conduit ((2) 6" HDPE CONDUIT)		
SUM5026H	Install	1	735	SUM5026H - Conduit ((2) 6" HDPE CONDUIT)		
SUM5026H	Install	1	735	SUM5026H - Conduit ((2) 6" HDPE CONDUIT)		
SUME645F5	Install	0	6	SUME645F5 (6" FG 45 60")		
SUMH-814	Install	0	1	Pull Vault - 8x14x8		
SUMV-1	Install	0	12	CABLE RACK RAO8 & STANCHION		
SUR2-5	Install	1	735	SUR2-5 (PRIMARY TRENCH)		
SVUM6-28G 345 3	Install	0	1	SVUM6-28G 345 (1/0 PRIMARY SPLICE-25KV)		

Remarks: - FIRETAPE ALL CIRCUITS WITHIN VAULT

**Structure: 10. PM 7468**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 CONC 25KV 3	Install	3	130	1/0 CONC 25KV Wire 3 PH (1/0 CONC CABLE)		
SUM1B	Install	0	1	SUM1B (CONCRETE PAD 3 PH XFMR)		
SUM5026H	Install	1	130	SUM5026H - Conduit ((2) 6" HDPE CONDUIT)		
SUM6-1G-345MIL 3	Install	0	1	ELBOW UG 15/26KV ELBOW TERM 1/0 200A		
SUM6-1G-345MIL 3	Install	0	1	ELBOW UG 15/26KV ELBOW TERM 1/0 200A		
SUME690F5	Install	0	4	SUME690F5 (6" FG 90 60")		
SUR2-5	Install	1	130	SUR2-5 (PRIMARY TRENCH)		
SURCP	Install	1	82	SURCP (PARKING LOT CROSSING)		
SVUG17A-75	Install	0	1	XFMR, PM, 75 KVA, 3 PH, LOOP		

Remarks: - SERVICE TO BE INSTALLED UNDER JO 320270

**Structure: 11. VAULT 6866**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 CONC 25KV 3	Install	3	130	1/0 CONC 25KV Wire 3 PH (1/0 CONC CABLE)		
SUM5026H	Install	1	130	SUM5026H - Conduit ((2) 6" HDPE CONDUIT)		
SUMV-1	Install	0	12	CABLE RACK RAO8 & STANCHION		
SVUM6-28G 345 3	Install	0	1	SVUM6-28G 345 (1/0 PRIMARY SPLICE-25KV)		

Remarks: - IN COMMON TRENCH WITH WL 10. PM 7468

- FIRETAPE ALL CIRCUITS WITHIN VAULT

**Structure: 12. VAULT 6279**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 CONC 25KV 3	Install	3	450	1/0 CONC 25KV Wire 3 PH (1/0 CONC CABLE)		
SUM5026H	Install	1	450	SUM5026H - Conduit ((2) 6" HDPE CONDUIT)		
SUM5026H	Install	1	450	SUM5026H - Conduit ((2) 6" HDPE CONDUIT)		
SUM5026H	Install	1	450	SUM5026H - Conduit ((2) 6" HDPE CONDUIT)		
SUME630F5	Install	0	6	SUME630F5 (6" FG 30 60")		
SUMH-814	Install	0	1	Pull Vault - 8x14x8		
SUMV-1	Install	0	12	CABLE RACK RAO8 & STANCHION		
SUR2-5	Install	1	450	SUR2-5 (PRIMARY TRENCH)		
SURCG	Install	1	450	SURCG (GRAVEL ROAD CROSSING)		
SVUM6-28G 345 3	Install	0	1	SVUM6-28G 345 (1/0 PRIMARY SPLICE-25KV)		

Remarks: - 30 DEGREE SWEEPS FOR HORIZONTAL BENDS

- FIRETAPE ALL CIRCUITS WITHIN VAULT

**Structure: 13. VAULT 7765**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 CONC 25KV 3	Install	3	360	1/0 CONC 25KV Wire 3 PH (1/0 CONC CABLE)		
SUM5026H	Install	1	360	SUM5026H - Conduit ((2) 6" HDPE CONDUIT)		
SUM5026H	Install	1	360	SUM5026H - Conduit ((2) 6" HDPE CONDUIT)		
SUM5026H	Install	1	360	SUM5026H - Conduit ((2) 6" HDPE CONDUIT)		
SUME630F5	Install	0	6	SUME630F5 (6" FG 30 60")		
SUME645F5	Install	0	6	SUME645F5 (6" FG 45 60")		

Chugach Electric Association  
5601 Electron Drive  
Anchorage, AK 99518

Designer/Project Engineer \_\_\_\_\_ Date \_\_\_\_/\_\_\_\_/\_\_\_\_  
 Checker \_\_\_\_\_ Date \_\_\_\_/\_\_\_\_/\_\_\_\_  
 Manager/Supervisor \_\_\_\_\_ Date \_\_\_\_/\_\_\_\_/\_\_\_\_

Project: E2214130 Design: HEAD OF THE BAY

In Design

Head of the Bay

Grid: W002

**Structure:** 13. VAULT 7765

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	Complete	Qty
SUMH-814	Install	0	1	Pull Vault - 8x14x8		
SUMV-1	Install	0	12	CABLE RACK RAO8 & STANCHION		
SUR2-5	Install	1	360	SUR2-5 (PRIMARY TRENCH)		
SURCG	Install	1	360	SURCG (GRAVEL ROAD CROSSING)		
SVUM6-28G 345 3	Install	0	1	SVUM6-28G 345 (1/0 PRIMARY SPLICE-25KV)		

Remarks: - 45 AND 30 DEGREE SWEEPS FOR HORIZONTAL BENDS  
- FIRETAPE ALL CIRCUITS WITHIN VAULT

**Structure:** 14. PM 7982

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	Complete	Qty
1/0 CONC 25KV 3	Install	3	50	1/0 CONC 25KV Wire 3 PH (1/0 CONC CABLE)		
SUM1B	Install	0	1	SUM1B (CONCRETE PAD 3 PH XFMR)		
SUM5026H	Install	1	50	SUM5026H - Conduit ((2) 6" HDPE CONDUIT)		
SUM6-1G-345MIL 3	Install	0	1	ELBOW UG 15/26KV ELBOW TERM 1/0 200A		
SUM6-1G-345MIL 3	Install	0	1	ELBOW UG 15/26KV ELBOW TERM 1/0 200A		
SUME690F5	Install	0	4	SUME690F5 (6" FG 90 60")		
SUR2-5	Install	1	50	SUR2-5 (PRIMARY TRENCH)		
SURCG	Install	1	50	SURCG (GRAVEL ROAD CROSSING)		
SVUG17A-150	Install	0	1	XFMR,PM, 150 KVA, 3 PH, LOOP		

Remarks: - 90 DEGREE ELBOWS FOR SWEEPS INTO PAD  
- SERVICE TO BE INSTALLED UNDER JO 320271

**Structure:** 15. VAULT 7765

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	Complete	Qty
1/0 CONC 25KV 3	Install	3	50	1/0 CONC 25KV Wire 3 PH (1/0 CONC CABLE)		
SUM5026H	Install	1	50	SUM5026H - Conduit ((2) 6" HDPE CONDUIT)		
SUMV-1	Install	0	12	CABLE RACK RAO8 & STANCHION		
SVUM6-28G 345 3	Install	0	1	SVUM6-28G 345 (1/0 PRIMARY SPLICE-25KV)		

Remarks: - FIRETAPE ALL CIRCUITS WITHIN VAULT  
- IN COMMON TRENCH WITH WL 14. PM 7982

**Structure:** 16. PM 9189

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	Complete	Qty
1/0 CONC 25KV 3	Install	3	370	1/0 CONC 25KV Wire 3 PH (1/0 CONC CABLE)		
SUM1B	Install	0	1	SUM1B (CONCRETE PAD 3 PH XFMR)		
SUM5026H	Install	1	370	SUM5026H - Conduit ((2) 6" HDPE CONDUIT)		
SUM6-1G-345MIL 3	Install	0	1	ELBOW UG 15/26KV ELBOW TERM 1/0 200A		
SUME690F5	Install	0	2	SUME690F5 (6" FG 90 60")		
SUR2-5	Install	1	370	SUR2-5 (PRIMARY TRENCH)		
SURCG	Install	1	370	SURCG (GRAVEL ROAD CROSSING)		
SVUG17B-75	Install	0	1	XFMR, PM, 75 KVA, 3 PH, RADIAL		

Remarks: - IN COMMON TRENCH  
- SERVICE TO BE INSTALLED UNDER JO 320272  
\*\*\*\*\* RETURN TO WL 15. VAULT 7765 \*\*\*\*\*

**Structure:** 17. LOCATOR DISC

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	Complete	Qty
SUM12C	Install	0	1	UG LOCATOR DISC		
SUM5026H	Install	1	390	SUM5026H - Conduit ((2) 6" HDPE CONDUIT)		
SUM5026H	Install	1	390	SUM5026H - Conduit ((2) 6" HDPE CONDUIT)		
SUR2-5	Install	1	20	SUR2-5 (PRIMARY TRENCH)		
SURCG	Install	1	20	SURCG (GRAVEL ROAD CROSSING)		

Remarks: - IN COMMON TRENCH  
- CAP CONDUITS ENDS, INSTALL LOCATOR DISC UNDER CONDUITS

Chugach Electric Association	Designer/Project Engineer	_____	Date	___/___/___
5601 Electron Drive	Checker	_____	Date	___/___/___
Anchorage, AK 99518	Manager/Supervisor	_____	Date	___/___/___

Project : E2214130  
 Work Request: E2214130

Head of the Bay

**In Design**

Capital Account: 10720/000/03/7665  
 Reimbursible Account: / / /  
 Retirement Account: 10880/326/03/7665

Design : HEAD OF THE  
 BAY

<u>Description</u>	<u>Part Number</u>	<u>Quantity</u>	<u>Order</u>	<u>Issued</u>
<b>Inventory</b>				
ARRESTER, SURGE 18KV	000000104	3		_____
DEAD-END, TEE 3/4"	000000156	4		_____
POLE, BRACE CROSSARM 28" WOOD	000000314	3		_____
POLE, BRACE CROSSARM 60" WOOD	000000315	3		_____
FASTENER, BRACKET CONDUIT STANDOFF	000000322	12		_____
FASTENER, BRACKET CONDUIT STANDOFF W/BRACE	000000323	4		_____
WIRE, AL JCN 25KV #1/0 XLPE	000000348	11,080		_____
WIRE, CU XLP 600V 1C #002	000000356	20		_____
WIRE, AL XLP 600V 1C 350MCM (RUTGERS)	000000364	40		_____
WIRE, AL URD SVC 350 4/0 350 (WESLEYAN)	000000369	40		_____
WIRE, AL XLP 600V 1C #2/0 (YALE)	000000371	80		_____
WIRE, AL URD SVC #2/0 1 2/0 (CONVERSE)	000000373	120		_____
WIRE, CU SDB #0006 SOL	000000374	85		_____
WIRE, CU SDB #004 STR	000000375	20		_____
WIRE, CU SDB #02 STR	000000376	225		_____
WIRE, CU SDB #4/0 STR (19 STR.)	000000378	280		_____
DEAD-END, AUTO 12.5M/16M ALUMOWELD (7#87#9)	000000817	4		_____
DEAD-END, DE AUTO FEEDTHRU 002 ACSR	000000819	2		_____
DEAD-END, PREFORM 16M ALUMOWELD (7#8)	000000874	4		_____
DEAD-END, D.E. SVC WEDGE 04-1/0	000000878	6		_____
CLEVIS, SWINGING 3"	000000950	6		_____
CLEVIS, THIMBLE 5/8" 20K	000000953	4		_____
ANCHOR, SHACKLE 3/4"	000000956	2		_____
ANCHOR, SHACKLE (2) 5/8"	000000957	2		_____
WIRE, ACSR #1/0 RAVEN	000001231	2,369		_____
WIRE, AL SVC 3/C #002 CONCH	000001436	220		_____
LUG, COMP LUG AL 2H #1/0	000001509	6		_____
FASTENER, CLAMP GROUND TRANSFORMER	000001518	6		_____
FASTENER, CLAMP GROUND ROD 3/4"	000001532	6		_____
LINE, CONN HOTLINE 477-6 ACSR	000001542	6		_____
LINE, WEDGE STIRRUP SHEAR-BOLT #02-#1/0	000001552	7		_____
CONNECTOR, UG CONN BLOCK XFMR NEUT 05/8" STUD SET SCREW	000001592	3		_____
CONNECTOR, UG CONN BLOCK XFMR SEC 6 POS SET SCREW	000001601	9		_____
POLE, CROSSARM DIST 08' 3 5/8" X 4 5/8"	000001616	4		_____
POLE, CROSSARM DIST 10' 3 3/4" X 4 3/4"	000001617	2		_____
POLE, CROSSARM DOUBLE D.E. ASS'Y 10' 4 WIRE	000001619	2		_____
SWITCH, CUTOUT 14.4/24.9KV 100A	000001634	3		_____
FUSE, CUTOUT BUTTON 003H	000001637	3		_____
LINE, GAIN CROSSARM BRACELESS	000002515	1		_____
GUY, GUARD PLASTIC	000002750	4		_____
LINE, BRACKET XFMR CLUSTER MT. MED	000003133	1		_____
INSULATOR, TIE SPOOL #1/0	000003273	2		_____
INSULATOR, TIE, WRAPLOCK,SS,1/0ACSR,J-NECK	000003276	6		_____
INSULATOR, PIN TYPE 56-1 26KV "J" NECK	000003300	6		_____
CLEVIS, SPOOL 3"	000003311	8		_____
DEAD-END, DE INSUL EPOX 15/26KV	000003329	6		_____
PAD, CONC. SUM1-B 3 PHASE 75-750KVA	000003743	4		_____
INSULATOR, PINS XARM 1 & 3/8"	000003805	4		_____
INSULATOR, PINS POLE TOP 1&3/8"	000003811	2		_____

Control Number \_\_\_\_\_

Legal Description \_\_\_\_\_

Charge for Materials Yes \_\_\_ No \_\_\_ Sale \_\_\_

P.O. No. \_\_\_\_\_

Issued By \_\_\_\_\_ Received By \_\_\_\_\_

Date \_\_\_/\_\_\_/\_\_\_

Contractor \_\_\_\_\_

Special Notes:

Project : E2214130  
 Work Request: E2214130

Head of the Bay

**In Design**

Capital Account: 10720/000/03/7665  
 Reimbursible Account: / / /  
 Retirement Account: 10880/326/03/7665

Design : HEAD OF THE  
 BAY

<u>Description</u>	<u>Part Number</u>	<u>Quantity Orderd</u>	<u>Issued</u>
POLE, 045 CLASS 1	0000003866	2	_____
POLE, 045 CLASS 3	0000003868	2	_____
ANCHOR, ROD TW EYE 03/4" X 8'	0000004050	4	_____
LINE, GROUND ROD 3/4" X 8'	0000004067	6	_____
CONDUIT, GRC 2"	0000004149	30	_____
CONDUIT, GRC 4"	0000004151	20	_____
CONDUIT, PVC 2"	0000004154	60	_____
CONDUIT, PVC 4"	0000004158	148	_____
CONDUIT, GRC EL 90 DEG 2" 24" RADI	0000004164	3	_____
CONDUIT, FG EL 90 DEG 4" 36" RADI	0000004168	1	_____
CONDUIT, FG EL 90 DEGREE 4" 48" RADI	0000004169	6	_____
CONDUIT, FG EL 90 DEG 6" 60" RADI	0000004173	12	_____
CONDUIT, FG EL 45 DEG 6" 60" RADI	0000004185	12	_____
CONDUIT, CLAMP GROUND 2"	0000004195	6	_____
CONDUIT, CLAMP GROUND 4"	0000004211	2	_____
CONDUIT, CHANNEL PIPE STRAP 2"	0000004240	12	_____
CONDUIT, CHANNEL PIPE STRAP 4"	0000004241	14	_____
CONDUIT, CHANNEL PIPE STRAP 6"	0000004242	2	_____
KIT, PRIMARY SPLICE JACKET KIT #02-4/0	0000004506	21	_____
KIT, PRIMARY SPLICE 25KV #01-1/0 JCN	0000004514	27	_____
LINE, BRACKET CABLE SUPPORT	0000004646	12	_____
SWITCH, CUTOOUT 14.4/24.9KV 300A SOLID BLADE	0000004734	3	_____
KIT, PRIMARY TERM 25KV #01-4/0 JCN	0000004774	6	_____
BUSHING, UG ACCES 15/26KV INSERT BSHG CAP	0000004794	3	_____
TRANSFORMER, 0025 KVA D/B 14.4/24.9 120/240	0000004878	3	_____
TRANSFORMER, 0075 KVA PM 3/PH 14.4/24.9 277/480	0000004971	2	_____
TRANSFORMER, 0150 KVA PM 3/PH 14.4/24.9 277/480	0000004973	1	_____
GUY, WIRE GUY 16M ALUMOWELD (7#8)	0000005157	220	_____
UG ACCES 15/26KV EL TERM 1/0 345MIL 200A	0000011399	15	_____
CONDUIT, HDPE 6"	0000011888	18,601	_____
SHRINK, CABLE SEALER COLD SHRINK 2-4/0	0000012084	15	_____
WIRE, CU, COVERED TAP, #2	0000012097	30	_____
CONDUIT, PLUG, BLANK, 4"	0000012319	1	_____
CONDUIT, PLUG, TRIPLEX (4/0 15KV CONC), 4" DUCT	0000012322	2	_____
DEAD-END, D.E. WEDGE, CLEVIS, ACSR 04-1/0	0000012475	6	_____
CONDUIT, PLUG, BLANK, 6"	0000012526	1	_____
ANCHOR, CROSSPLATE 24",5/8"-3/4" ROD	0000014008	4	_____
WIRE, CU COVERED TAP #4	0000014105	10	_____
CONDUIT, FG EL 60 DEG 4" 48" RADIUS	0000014434	2	_____
COVER, RAPTOR CUTOOUT LBU, 15/25 KV	0000014719	1	_____
CONDUIT, FG EL 30 DEG 6" 60" RADI	0000015050	12	_____
BUSHING, GUARD OH TRANSFORMER BUSHING	0000017078	1	_____
Cable Rack, Stanchion, Underground Devices CR12-B	0000017446	72	_____
Cable Rack, 8", Underground Devices RA08	0000017447	72	_____
Concrete Anchor, 303 stainless steel, 1/2-13	0000017451	72	_____
Washer, 1-1/4 round, flat, 9/16" hole, 316 stainless	0000017452	72	_____
Bolt, Cap Screw, 1/2"-13 x 1-3/8, 316 stainless steel	0000017453	72	_____
Pull Vault, manhole cover, UV 57-CLX-42C (1350 lbs.)	0000017590	8	_____
Pull Vault, riser, UV 814-48R-UFER (1380 lbs.)	0000017591	8	_____
Pull Vault, base, UV 814-SB-UFER (18000 lbs.)	0000017592	4	_____

Control Number \_\_\_\_\_

Legal Description \_\_\_\_\_

Charge for Materials Yes \_\_\_ No \_\_\_ Sale \_\_\_

P.O. No. \_\_\_\_\_

Issued By \_\_\_\_\_ Received By \_\_\_\_\_

Date \_\_\_/\_\_\_/\_\_\_

Contractor \_\_\_\_\_

Special Notes:

Project : E2214130  
Work Request: E2214130

Head of the Bay

In Design

Design : HEAD OF THE  
BAY

Capital Account: 10720/000/03/7665  
Reimbursible Account: / / /  
Retirement Account: 10880/326/03/7665

Description	Part Number	Quantity Orderd	Issued
Pull Vault, top section, UV 814-TEE-CLS (7060 lbs.)	0000017593	4	_____
Pull Vault, cover, UV 57-CLX-42S (2300 lbs)	0000017594	4	_____
Pull Vault, 6 Riser UV 4206	0000017595	8	_____
Frame Vault, manhole, UV 4240-HD (680 lbs.)	0000017596	8	_____
Cover, manhole, UV 4220-S (600 lbs.)	0000017597	8	_____
Pull Vault, 4 Riser UV 4204	0000017712	8	_____
CONDUIT, FG 4"	0000019879	20	_____
CONDUIT, FG 6"	0000019880	10	_____
EQUIPMENT COVER, DIMOND PLATE, 3/8" X 60" X 20"	M39020	1	_____

**Non-Inventory**

BLUE & GREEN CEA DECAL NON INV	0000010321	3	_____
CONN COMP H TAP SIZE AS REQ	0000010584	9	_____
WEDGE ANCHOR .5 X 2.75 NON-INV	0000010657	12	_____
WIRE AL SVC 4/C #002 PALAMINO	0000010666	220	_____

Remarks:

Control Number \_\_\_\_\_

Legal Description \_\_\_\_\_

Charge for Materials Yes \_\_\_ No \_\_\_ Sale \_\_\_

P.O. No. \_\_\_\_\_

Issued By \_\_\_\_\_ Received By \_\_\_\_\_

Date \_\_\_/\_\_\_/\_\_\_

Contractor \_\_\_\_\_

Special Notes:

MATERIAL RETIREMENT TICKET

Project : E2214130

Head of the Bay

In Design

Work Request: E2214130

Design : HEAD OF THE BAY

Capital Account: 10720/000/03/7665  
Reimbursible Account: / / /  
Retirement Account: 10880/326/03/7665

<u>Description</u>	<u>Part Number</u>	<u>Qty. Retired</u>	<u>Retired</u>
CUTOUT 07.8/13.8KV 100A LB	0000001629	3	_____
CUTOUT 14.4/24.9KV 100A	0000001634	6	_____
GROUND ROD 3/4" X 8'	0000004067	4	_____
0025 KVA D/B 14.4/24.9 120/240	0000004878	6	_____
0300 KVA PM 3/PH 14.4/24.9 277/480	0000004975	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](mailto:peoplesoft@chugachelectric.com)  
**To:** [Todd McCarty](#)  
**Cc:** [Warehouse Order Notification](#)  
**Subject:** SOUTH District / INOAC, ArcFM Designer Order Submitted: DSN10981\_2  
**Date:** Tuesday, August 27, 2024 3:33:19 PM

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**SOUTH District / INOAC**, Order DSN10981\_2 submitted on 27-AUG-24 by ELIJAHC.  
Account: 10720-000-03-7665  
Project: E2214130-GENERAL  
Number of Lines: 107  
[Open Order in PeopleSoft](#)

Order	Line	Item	Qty	UOM	Descr
DSN10981_2	1	0000000104	3	EA	ARRESTER, SURGE 18KV
DSN10981_2	2	0000000156	4	EA	DEAD-END, TEE 3/4"
DSN10981_2	3	0000000314	3	EA	POLE, BRACE CROSSARM 28" WOOD
DSN10981_2	4	0000000315	3	EA	POLE, BRACE CROSSARM 60" WOOD
DSN10981_2	5	0000000322	12	EA	FASTENER, BRACKET CONDUIT STANDOFF
DSN10981_2	6	0000000323	4	EA	FASTENER, BRACKET CONDUIT STANDOFF W/BRACE
DSN10981_2	7	0000000348	11080	EA	WIRE, AL JCN 25KV #1/0 XLPE
DSN10981_2	8	0000000356	20	EA	WIRE, CU XLP 600V 1C #002
DSN10981_2	9	0000000364	40	EA	WIRE, AL XLP 600V 1C 350MCM (RUTGERS)
DSN10981_2	10	0000000369	40	EA	WIRE, AL URD SVC 350 4/0 350 (WESLEYAN)
DSN10981_2	11	0000000371	80	EA	WIRE, AL XLP 600V 1C #2/0 (YALE)
DSN10981_2	12	0000000373	120	EA	WIRE, AL URD SVC #2/0 1 2/0 (CONVERSE)
DSN10981_2	13	0000000374	85	EA	WIRE, CU SDB #0006 SOL
DSN10981_2	14	0000000375	20	EA	WIRE, CU SDB #004 STR
DSN10981_2	15	0000000376	225	EA	WIRE, CU SDB #02 STR
DSN10981_2	16	0000000378	280	EA	WIRE, CU SDB #4/0 STR (19 STR.)
DSN10981_2	17	0000000817	4	EA	DEAD-END, AUTO 12.5M/16M ALUMOWELD (7#87#9)
DSN10981_2	18	0000000819	2	EA	DEAD-END, DE AUTO FEEDTHRU 002 ACSR
DSN10981_2	19	0000000874	4	EA	DEAD-END, PREFORM 16M ALUMOWELD (7#8)
DSN10981_2	20	0000000878	6	EA	DEAD-END, D.E. SVC WEDGE 04-1/0
DSN10981_2	21	0000000950	6	EA	CLEVIS, SWINGING 3"
DSN10981_2	22	0000000953	4	EA	CLEVIS, THIMBLE 5/8" 20K



DSN10981_2	23	0000000956	2	EA	ANCHOR, SHACKLE 3/4"
DSN10981_2	24	0000000957	2	EA	ANCHOR, SHACKLE (2) 5/8"
DSN10981_2	25	0000001231	2369	EA	WIRE, ACSR #1/0 RAVEN
DSN10981_2	26	0000001436	220	EA	WIRE, AL SVC 3/C #002 CONCH
DSN10981_2	27	0000001509	6	EA	LUG, COMP LUG AL 2H #1/0
DSN10981_2	28	0000001518	6	EA	FASTENER, CLAMP GROUND TRANSFORMER
DSN10981_2	29	0000001532	6	EA	FASTENER, CLAMP GROUND ROD 3/4"
DSN10981_2	30	0000001542	6	EA	LINE, CONN HOTLINE 477-6 ACSR
DSN10981_2	31	0000001552	7	EA	LINE, WEDGE STIRRUP SHEAR-BOLT #02-#1/0
DSN10981_2	32	0000001592	3	EA	CONNECTOR, UG CONN BLOCK XFMR NEUT 05/8" STUD SET
DSN10981_2	33	0000001601	9	EA	CONNECTOR, UG CONN BLOCK XFMR SEC 6 POS SET SCREW
DSN10981_2	34	0000001616	4	EA	POLE, CROSSARM DIST 08' 3 5/8" X 4 5/8"
DSN10981_2	35	0000001617	2	EA	POLE, CROSSARM DIST 10' 3 3/4" X 4 3/4"
DSN10981_2	36	0000001619	2	EA	POLE, CROSSARM GUYED DOUBLE D.E. ASS'Y 1/0. 10'
DSN10981_2	37	0000001634	3	EA	SWITCH, CUTOUT 14.4/24.9KV 100A
DSN10981_2	38	0000001637	3	EA	FUSE, CUTOUT BUTTON 003H
DSN10981_2	39	0000002515	1	EA	LINE, GAIN CROSSARM BRACELESS
DSN10981_2	40	0000002750	4	EA	GUY, GUARD PLASTIC
DSN10981_2	41	0000003133	1	EA	LINE, BRACKET XFMR CLUSTER MT. MED
DSN10981_2	42	0000003273	2	EA	INSULATOR, TIE SPOOL #1/0
DSN10981_2	43	0000003276	6	EA	INSULATOR, TIE, WRAPLOCK,SS,1/0ACSR,J-NECK
DSN10981_2	44	0000003300	6	EA	INSULATOR, PIN TYPE 56-7 25KV, VICE TOP (ALUMINUM)
DSN10981_2	45	0000003311	8	EA	CLEVIS, SPOOL 3"
DSN10981_2	46	0000003329	6	EA	DEAD-END, DE INSUL EPOX 15/26KV
DSN10981_2	47	0000003743	4	EA	PAD, CONC. SUM1-B 3 PHASE 75-750KVA
DSN10981_2	48	0000003805	4	EA	INSULATOR, PINS XARM 1 & 3/8"
DSN10981_2	49	0000003811	2	EA	INSULATOR, PINS POLE TOP 1&3/8"
DSN10981_2	50	0000003866	2	EA	POLE, 045 CLASS 1
DSN10981_2	51	0000003868	2	EA	POLE, 045 CLASS 3
DSN10981_2	52	0000004050	4	EA	ANCHOR, ROD TW EYE 03/4" X 8'

DSN10981_2	53	0000004067	6	EA	LINE, GROUND ROD 3/4" X 8'
DSN10981_2	54	0000004149	30	EA	CONDUIT, GRC 2"
DSN10981_2	55	0000004151	20	EA	CONDUIT, GRC 4"
DSN10981_2	56	0000004154	60	EA	CONDUIT, PVC 2"
DSN10981_2	57	0000004158	148	EA	CONDUIT, PVC 4"
DSN10981_2	58	0000004164	3	EA	CONDUIT, GRC EL 90 DEG 2" 24" RADI
DSN10981_2	59	0000004168	1	EA	CONDUIT, FIBERGLASS ELBOW 90 DEG 4" 36" RADIUS
DSN10981_2	60	0000004169	6	EA	CONDUIT, FIBERGLASS ELBOW 90 DEGREE 4" 48" RADIUS
DSN10981_2	61	0000004173	12	EA	CONDUIT, FIBERGLASS ELBOW 90 DEG 6" 60" RADIUS
DSN10981_2	62	0000004185	12	EA	CONDUIT, FIBERGLASS ELBOW 45 DEG 6" 60" RADI
DSN10981_2	63	0000004195	6	EA	CONDUIT, CLAMP GROUND 2"
DSN10981_2	64	0000004211	2	EA	CONDUIT, CLAMP GROUND 4"
DSN10981_2	65	0000004240	12	EA	CONDUIT, CHANNEL PIPE STRAP 2"
DSN10981_2	66	0000004241	14	EA	CONDUIT, CHANNEL PIPE STRAP 4"
DSN10981_2	67	0000004242	2	EA	CONDUIT, CHANNEL PIPE STRAP 6"
DSN10981_2	68	0000004506	21	EA	KIT, PRIMARY SPLICE JACKET KIT #02-4/0
DSN10981_2	69	0000004514	27	EA	KIT, PRIMARY SPLICE 25KV #01-1/0 JCN
DSN10981_2	70	0000004646	12	EA	LINE, BRACKET CABLE SUPPORT P/N CS820
DSN10981_2	71	0000004734	3	EA	SWITCH, CUTOUT 14.4/24.9KV 300A SOLID BLADE
DSN10981_2	72	0000004774	6	EA	KIT, PRIMARY TERM 25KV #01-4/0 JCN
DSN10981_2	73	0000004794	3	EA	BUSHING, UG ACCES 15/26KV INSERT BSHG CAP
DSN10981_2	74	0000004878	3	EA	TRANSFORMER, 0025 KVA D/B 14.4/24.9 120/240
DSN10981_2	75	0000004971	2	EA	TRANSFORMER, 0075 KVA PM 3/PH 14.4/24.9 277/480
DSN10981_2	76	0000004973	1	EA	TRANSFORMER, 0150 KVA PM 3/PH 14.4/24.9 277/480
DSN10981_2	77	0000005157	220	EA	GUY, WIRE GUY 16M ALUMOWELD (7#8)
DSN10981_2	78	0000011399	15	EA	ELBOW, UG ACCES 15/26KV ELBOW TERM 1/0 345MIL 200A
DSN10981_2	79	0000011888	18601	EA	CONDUIT, HDPE 6" (40 FT STICK)

DSN10981_2	80	0000012084	15	EA	SHRINK, CABLE SEALER COLD SHRINK 2-4/0
DSN10981_2	81	0000012097	30	EA	WIRE, CU, COVERED TAP, #2
DSN10981_2	82	0000012319	1	EA	CONDUIT, PLUG, BLANK, 4"
DSN10981_2	83	0000012322	2	EA	CONDUIT, PLUG, TRIPLEX (4/0 15KV CONC), 4" DUCT
DSN10981_2	84	0000012475	6	EA	DEAD-END, D.E. WEDGE, CLEVIS, ACSR 04-1/0
DSN10981_2	85	0000012526	1	EA	CONDUIT, PLUG, BLANK, 6"
DSN10981_2	86	0000014008	4	EA	ANCHOR, CROSSPLATE 24", 5/8"-3/4" ROD
DSN10981_2	87	0000014105	10	EA	WIRE, CU COVERED TAP #4
DSN10981_2	88	0000014434	2	EA	CONDUIT, FIBERGLASS ELBOW 60 DEG. 4" 48" RADIUS
DSN10981_2	89	0000014719	1	EA	COVER, RAPTOR CUTOUT LBU, 15/25 KV
DSN10981_2	90	0000015050	12	EA	CONDUIT, FIBERGLASS ELBOW 30 DEG 6" 60" RADI
DSN10981_2	91	0000017078	1	EA	BUSHING, GUARD OH TRANSF / RECLOSER BUSHING
DSN10981_2	92	0000017446	72	EA	FIBERGLASS CABLE SUPPORT STANCHION
DSN10981_2	93	0000017447	72	EA	FIBERGLASS CABLE SUPPORT ARMS
DSN10981_2	94	0000017451	72	EA	CONCRETE ANCHOR 1/2" "STAINLESS STEEL"
DSN10981_2	95	0000017452	72	EA	WASHER, CONCRETE ANCHOR 1/2" STAINLESS STEEL FLAT
DSN10981_2	96	0000017453	72	EA	BOLT, CONCRETE ANCHOR 1/2"
DSN10981_2	97	0000017590	8	EA	VAULT COVER, 814 MANHOLE COVER CENTER HOLE
DSN10981_2	98	0000017591	8	EA	VAULT CONCRETE, 814LA-48-UFER, CENTER, 4' SUBTRANS
DSN10981_2	99	0000017592	4	EA	VAULT CONCRETE, 814 BASE- UFER, SUBTRANSMISSION
DSN10981_2	100	0000017593	4	EA	VAULT CONCRETE, 814 "TEE" TOP
DSN10981_2	101	0000017594	4	EA	VAULT COVER, 814 MANHOLE COVER OFFSET HOLE
DSN10981_2	102	0000017595	8	EA	VAULT CONCRETE, RISER 6-INCH PULL VAULT 810/814
DSN10981_2	103	0000017596	8	EA	VAULT COVER IRON MANHOLE FRAME, 42-INCH OD, 810/81
DSN10981_2	104	0000017597	8	EA	VAULT MANHOLE COVER, 42-INCH

DSN10981_2	105	0000017712	8	EA	OD IRON, 810/814 VAULT CONCRETE, RISER 4-INCH PULL VAULT 810/814
DSN10981_2	106	0000019879	20	EA	CONDUIT, FIBERGLASS 4" 10' LENGTHS
DSN10981_2	107	0000019880	10	EA	CONDUIT, FIBERGLASS 6" 10' LENGTHS

DSN10981_1	106	0000017712	6	EA	VAULT CONCRETE, RISER 4-INCH PULL VAULT 810/814
DSN10981_1	107	0000019879	20	EA	CONDUIT, FIBERGLASS 4" 10' LENGTHS
DSN10981_1	108	0000019880	10	EA	CONDUIT, FIBERGLASS 6" 10' LENGTHS