

**In Design**

**BIDSHEET**

for

**PROJECT : E2214138**

**Work Request:** E2214138  
**Design No.:** RBSS 312 PD TESTING & REPAIR  
**Capital Account:** 10720/000/03/7665  
**Reimbursible Account:** / / /  
**Retirement Account:** 10880/326/03/7665  
**Work Plan No:**  
**Project Type:** System Improvements

Reviewed by Designer/Project Engineer: Elijah Cook Date: 3/9/26

Reviewed by Supervisor/Manager: Jake Moe Date: 3/20/26  
 Supervisor

**Remarks:**

In Design

Project: E2214138

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

| Assembly Unit   | Proposed Quantity | Actual Quantity | Labor | Material | Labor & Material | Extended Labor & Material |
|-----------------|-------------------|-----------------|-------|----------|------------------|---------------------------|
| 750 CONC 15KV   | 15.450            |                 |       |          |                  |                           |
| BORE            | 0.295             |                 |       |          |                  |                           |
| CLEAN CNDT      | 2.150             |                 |       |          |                  |                           |
| GENERATOR       | 1.000             |                 |       |          |                  |                           |
| SR1-16          | 1.000             |                 |       |          |                  |                           |
| STAG-2          | 15.000            |                 |       |          |                  |                           |
| SUM1-CA         | 2.000             |                 |       |          |                  |                           |
| SUM1F           | 2.000             |                 |       |          |                  |                           |
| SUM3-9          | 1.000             |                 |       |          |                  |                           |
| SUM5026H        | 3.000             |                 |       |          |                  |                           |
| SUM6-25C 1 PH   | 1.000             |                 |       |          |                  |                           |
| SUM6-25D 3 PH   | 1.000             |                 |       |          |                  |                           |
| SUM6-25F 3 PH   | 10.000            |                 |       |          |                  |                           |
| SUM6-28F 3 PH   | 4.000             |                 |       |          |                  |                           |
| SUM6-36A        | 4.000             |                 |       |          |                  |                           |
| SUM6-3F 3 PH    | 1.000             |                 |       |          |                  |                           |
| SUM6-4EL        | 7.000             |                 |       |          |                  |                           |
| SUM6-6          | 4.000             |                 |       |          |                  |                           |
| SUME645F5       | 10.000            |                 |       |          |                  |                           |
| SUME660S5       | 4.000             |                 |       |          |                  |                           |
| SUME690P4       | 2.000             |                 |       |          |                  |                           |
| SUR2-5          | 2.705             |                 |       |          |                  |                           |
| SURL            | 1.000             |                 |       |          |                  |                           |
| Survey          | 1.000             |                 |       |          |                  |                           |
| SWPPP-BP        | 1.000             |                 |       |          |                  |                           |
| Traffic Control | 1.000             |                 |       |          |                  |                           |
| * 750 CONC 15KV | 6.450             |                 |       |          |                  |                           |
| * STAG-2        | 15.000            |                 |       |          |                  |                           |
| * SUM3-9        | 1.000             |                 |       |          |                  |                           |
| * SUM6-25C 1 PH | 1.000             |                 |       |          |                  |                           |
| * SUM6-25D 3 PH | 1.000             |                 |       |          |                  |                           |

Total Extended Labor & Material This Page \_\_\_\_\_  
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 Total Extended Labor & Material \_\_\_\_\_

**In Design**

**Project: E2214138**

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

|   | Assembly Unit | Proposed Quantity | Actual Quantity | Labor | Material | Labor & Material | Extended Labor & Material |
|---|---------------|-------------------|-----------------|-------|----------|------------------|---------------------------|
| * | SUM6-25F 3 PH | 10.000            |                 |       |          |                  |                           |
| * | SUM6-28F 3 PH | 2.000             |                 |       |          |                  |                           |
| * | SUM6-36A      | 4.000             |                 |       |          |                  |                           |
| * | SUM6-3F 3 PH  | 1.000             |                 |       |          |                  |                           |
| * | SUM6-4EL      | 7.000             |                 |       |          |                  |                           |
| * | 750 CONC 15KV | 9.180             |                 |       |          |                  |                           |

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 Total Extended Labor & Material

\_\_\_\_\_  
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 \_\_\_\_\_

CHUGACH ELECTRIC ASSOCIATION, INC.  
Anchorage, Alaska

**RIGHT-OF-WAY REPORT - AMENDMENT NO. 1**

WORK ORDER NO. E2214138

Permits

TSAIA - PMT24101, FAA - PMT25135, SOA DOT&PF - PMT2548

DATE: August 19, 2025

SUBJECT: TSAIA Faulty UG Feeder RBSS 312, Replacement Project  
West Perimeter Road and adjacent Airport Property Boundary  
W½, SW ¼, Section 32, T13N, R4W, Seward Meridian, Alaska  
Work Order E2214138, Grid 1920  
Map Books, 1304-32A, 1304-32C and 1204-0A6

An "X" in the enclosed parenthesis below indicates the listed requirement has been obtained; the enclosed parenthesis without an "X" indicates the listed requirement has not been obtained as of the date of this report.

**Easement Rights:**

(X) 1. Dedicated by Plats (95-5).

**Permits:**

( ) 1. TSAIA Airport Building Permit pending approval.

( ) 2. TSAIA may require LCP for Traffic Control to bore under West Perimeter Roadway. (determinations to be made when a building permit is obtained)

( ) 3. SOA DOT&PF Utility Permit 25-038, pending approval.

(X) 4. FAA – Determination Letter 2025-AAI-1210-NRA – SC964 received 8.19.2025, submitted to TSAIA and SOA DOT&PF for other permitting approvals.

(X) 5. No construction activity was identified in standing or running water.  
**No Wetlands Permits have been obtained.**

(X) 6. Notice of Construction to be made to Airport Staff at prior to construction.

**Clearing:**

( ) 1. Clearing has been identified by designer.

  
Lorraine Lehman, Right-of-Way Agent II

**In Design  
STAKING SHEET**

**for  
PROJECT: E2214138**

**Work Request: E2214138**  
**Design: RBSS 312 PD TESTING & REPAIR**  
**Capital Account: 10720/000/03/7665**  
**Reimbursible Account: / / /**  
**Retirement Account: 10880/326/03/7665**  
**Work Plan No:**  
**Project Type: System Improvements**  
**Work Order Number:**

Reviewed by Designer/Project Engineer: *Elijah Cook* Date: 3/9/26

Reviewed by Supervisor/Manager: *Elijah Cook*  
*Jake Moe* Date: 3/20/26  
Supervisor

**Remarks:**

Chugach Electric Association  
5601 Electron Drive  
Anchorage, AK 99518

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

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

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

Project: E2214138

Design: RBSS 312 PD TESTING & REPAIR

In Design

Grid:

**Structure: 00. GENERAL**

| Assembly Unit   | Activity | #Cond | Qty | Unit Description                    | Complete | Qty |
|-----------------|----------|-------|-----|-------------------------------------|----------|-----|
| GENERATOR       | Install  | 0     | 1   | GENERATOR (GENERATOR)               |          |     |
| SR1-16          | Install  | 1     | 1   | SR1-16 (CLEARING, 16' FOR UG LINES) |          |     |
| SURL            | Install  | 0     | 1   | SURL (LANDSCAPING)                  |          |     |
| 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)   |          |     |

Remarks: - CLEAN ALL COMPARTMENTS, CHECK TORQUE, CABLE TAGGING, AND INFRARED ON ALL EXISTING TERMINATIONS  
 - SWPPP, SURVEY, CLEARING, LANDSCAPING, TRAFFIC CONTROL, AND GENERATOR UNITS ARE ALL LUMP SUM  
 - SEE ATTACHED SHEET FOR GENERATOR SIZE AND VOLTAGE TYPE AND WHO TO CALL TO COORDINATE WITH AT EACH TRANSFORMER

**Structure: 01. SC 1095**

| Assembly Unit | Activity | #Cond | Qty | Unit Description                       | Complete | Qty |
|---------------|----------|-------|-----|--|----------|-----|
| SUM6-25F 3 PH | Install  | 0     | 1   | SUM6-25F (750 MCM PRIMARY TERMINATION) |          |     |
| SUM6-4EL      | Install  | 0     | 1   | 3-PH UG CURNT RESET FI, 600A TRIP      |          |     |
| SUM6-25F 3 PH | Remove   | 0     | 1   | SUM6-25F (750 MCM PRIMARY TERMINATION) |          |     |
| SUM6-4EL      | Remove   | 0     | 1   | 3-PH UG CURNT RESET FI, 600A TRIP      |          |     |

Remarks:

**Structure: 02. PB 1709**

| Assembly Unit | Activity | #Cond | Qty | Unit Description                         | Complete | Qty |
|---------------|----------|-------|-----|--|----------|-----|
| 750 CONC 15KV | Install  | 3     | 495 | 750 CONC 15KV (WIRE, AL JCN 750MCM EPR)  |          |     |
| CLEAN CNDT    | Install  | 1     | 495 | CLEAN CNDT (MANDREL & SWAB)              |          |     |
| SUM6-28F 3 PH | Install  | 0     | 1   | SUM6-28F (750 MCM PRIMARY SPLICE)        |          |     |
| 750 CONC 15KV | Remove   | 3     | 495 | 750 CONC 15KV (WIRE, AL JCN 750MCM EPR)  |          |     |
| SUM6-28F 3 PH | Remove   | 0     | 1   | SUM6-28F (750 MCM PRIMARY SPLICE)        |          |     |
| SUM1-CA       | Existing | 0     | 1   | SUM1-CA (SUM1F METAL PAD COVERING)       |          |     |
| SUM1F         | Existing | 0     | 1   | SUM1F (CONCRETE PAD 600 A SWITCH CAB.)   |          |     |
| SUM5026H      | Existing | 1     | 495 | SUM5026H - Conduit ((2) 6" HDPE CONDUIT) |          |     |
| SUM6-6        | Existing | 0     | 2   | SUM6-6 (GROUNDING ASSY)                  |          |     |

Remarks:

**Structure: 03. SC 964**

| Assembly Unit | Activity | #Cond | Qty | Unit Description                         | Complete | Qty |
|---------------|----------|-------|-----|--|----------|-----|
| 750 CONC 15KV | Install  | 3     | 605 | 750 CONC 15KV (WIRE, AL JCN 750MCM EPR)  |          |     |
| CLEAN CNDT    | Install  | 1     | 605 | CLEAN CNDT (MANDREL & SWAB)              |          |     |
| SUM6-25F 3 PH | Install  | 0     | 1   | SUM6-25F (750 MCM PRIMARY TERMINATION)   |          |     |
| SUM6-25F 3 PH | Install  | 0     | 1   | SUM6-25F (750 MCM PRIMARY TERMINATION)   |          |     |
| SUM6-4EL      | Install  | 0     | 1   | 3-PH UG CURNT RESET FI, 600A TRIP        |          |     |
| 750 CONC 15KV | Remove   | 3     | 605 | 750 CONC 15KV (WIRE, AL JCN 750MCM EPR)  |          |     |
| SUM6-25F 3 PH | Remove   | 0     | 1   | SUM6-25F (750 MCM PRIMARY TERMINATION)   |          |     |
| SUM6-25F 3 PH | Remove   | 0     | 1   | SUM6-25F (750 MCM PRIMARY TERMINATION)   |          |     |
| SUM6-4EL      | Remove   | 0     | 1   | 3-PH UG CURNT RESET FI, 600A TRIP        |          |     |
| SUM5026H      | Existing | 1     | 605 | SUM5026H - Conduit ((2) 6" HDPE CONDUIT) |          |     |

Remarks:

**Structure: 04. PB 1742**

| Assembly Unit | Activity | #Cond | Qty | Unit Description                         | Complete | Qty |
|---------------|----------|-------|-----|--|----------|-----|
| 750 CONC 15KV | Install  | 3     | 475 | 750 CONC 15KV (WIRE, AL JCN 750MCM EPR)  |          |     |
| CLEAN CNDT    | Install  | 1     | 475 | CLEAN CNDT (MANDREL & SWAB)              |          |     |
| SUM6-28F 3 PH | Install  | 0     | 1   | SUM6-28F (750 MCM PRIMARY SPLICE)        |          |     |
| 750 CONC 15KV | Remove   | 3     | 475 | 750 CONC 15KV (WIRE, AL JCN 750MCM EPR)  |          |     |
| SUM6-28F 3 PH | Remove   | 0     | 1   | SUM6-28F (750 MCM PRIMARY SPLICE)        |          |     |
| SUM1-CA       | Existing | 0     | 1   | SUM1-CA (SUM1F METAL PAD COVERING)       |          |     |
| SUM1F         | Existing | 0     | 1   | SUM1F (CONCRETE PAD 600 A SWITCH CAB.)   |          |     |
| SUM5026H      | Existing | 1     | 475 | SUM5026H - Conduit ((2) 6" HDPE CONDUIT) |          |     |
| SUM6-6        | Existing | 0     | 2   | SUM6-6 (GROUNDING ASSY)                  |          |     |

Remarks:

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

Project: E2214138

Design: RBSS 312 PD TESTING & REPAIR

In Design

Grid:

**Structure: 05. SC 963**

| Assembly Unit | Activity | #Cond | Qty | Unit Description                         | Complete | Qty |
|---------------|----------|-------|-----|--|----------|-----|
| 750 CONC 15KV | Install  | 3     | 575 | 750 CONC 15KV (WIRE, AL JCN 750MCM EPR)  |          |     |
| CLEAN CNDT    | Install  | 1     | 575 | CLEAN CNDT (MANDREL & SWAB)              |          |     |
| SUM3-9        | Install  | 0     | 1   | SUM3-9 (600 A SC 2 FUSES 2 SWITCHES)     |          |     |
| SUM6-25C 1 PH | Install  | 0     | 1   | SUM6-25C (1/0 PRIMARY TERMINATION)       |          |     |
| SUM6-25D 3 PH | Install  | 0     | 1   | SUM6-25D (4/0 PRIMARY TERMINATION)       |          |     |
| SUM6-25F 3 PH | Install  | 0     | 1   | SUM6-25F (750 MCM PRIMARY TERMINATION)   |          |     |
| SUM6-25F 3 PH | Install  | 0     | 1   | SUM6-25F (750 MCM PRIMARY TERMINATION)   |          |     |
| SUM6-36A      | Install  | 0     | 1   | SUM6-36A (FUSE, S&C END FITTING SML-20)  |          |     |
| SUM6-36A      | Install  | 0     | 1   | SUM6-36A (FUSE, S&C END FITTING SML-20)  |          |     |
| SUM6-36A      | Install  | 0     | 1   | SUM6-36A (FUSE, S&C END FITTING SML-20)  |          |     |
| SUM6-36A      | Install  | 0     | 1   | SUM6-36A (FUSE, S&C END FITTING SML-20)  |          |     |
| SUM6-4EL      | Install  | 0     | 1   | 3-PH UG CURNT RESET FI, 600A TRIP        |          |     |
| SUME645F5     | Install  | 0     | 2   | SUME645F5 (6" FG 45 60")                 |          |     |
| 750 CONC 15KV | Remove   | 3     | 575 | 750 CONC 15KV (WIRE, AL JCN 750MCM EPR)  |          |     |
| SUM3-9        | Remove   | 0     | 1   | SUM3-9 (600 A SC 2 FUSES 2 SWITCHES)     |          |     |
| SUM6-25C 1 PH | Remove   | 0     | 1   | SUM6-25C (1/0 PRIMARY TERMINATION)       |          |     |
| SUM6-25D 3 PH | Remove   | 0     | 1   | SUM6-25D (4/0 PRIMARY TERMINATION)       |          |     |
| SUM6-25F 3 PH | Remove   | 0     | 1   | SUM6-25F (750 MCM PRIMARY TERMINATION)   |          |     |
| SUM6-25F 3 PH | Remove   | 0     | 1   | SUM6-25F (750 MCM PRIMARY TERMINATION)   |          |     |
| SUM6-36A      | Remove   | 0     | 1   | SUM6-36A (FUSE, S&C END FITTING SML-20)  |          |     |
| SUM6-36A      | Remove   | 0     | 1   | SUM6-36A (FUSE, S&C END FITTING SML-20)  |          |     |
| SUM6-36A      | Remove   | 0     | 1   | SUM6-36A (FUSE, S&C END FITTING SML-20)  |          |     |
| SUM6-36A      | Remove   | 0     | 1   | SUM6-36A (FUSE, S&C END FITTING SML-20)  |          |     |
| SUM6-4EL      | Remove   | 0     | 1   | 3-PH UG CURNT RESET FI, 600A TRIP        |          |     |
| SUM5026H      | Existing | 1     | 575 | SUM5026H - Conduit ((2) 6" HDPE CONDUIT) |          |     |

Remarks: - REMOVE AND REPLACE ALL PRIMARY WIRE TERMINATIONS IN SC 963

**Structure: 06. PB 5389**

| Assembly Unit | Activity | #Cond | Qty   | Unit Description                         | Complete | Qty |
|---------------|----------|-------|-------|--|----------|-----|
| 750 CONC 15KV | Install  | 3     | 1,250 | 750 CONC 15KV (WIRE, AL JCN 750MCM EPR)  |          |     |
| BORE          | Install  | 1     | 295   | BORE                                     |          |     |
| SUM1-CA       | Install  | 0     | 1     | SUM1-CA (SUM1F METAL PAD COVERING)       |          |     |
| SUM1F         | Install  | 0     | 1     | SUM1F (CONCRETE PAD 600 A SWITCH CAB.)   |          |     |
| SUM5026H      | Install  | 1     | 1,250 | SUM5026H - Conduit ((2) 6" HDPE CONDUIT) |          |     |
| SUM6-28F 3 PH | Install  | 0     | 1     | SUM6-28F (750 MCM PRIMARY SPLICE)        |          |     |
| SUM6-6        | Install  | 0     | 2     | SUM6-6 (GROUNDING ASSY)                  |          |     |
| SUME645F5     | Install  | 0     | 4     | SUME645F5 (6" FG 45 60")                 |          |     |
| SUME660S5     | Install  | 0     | 4     | SUME660S5 (6" RSC 60 60")                |          |     |
| SUR2-5        | Install  | 1     | 955   | SUR2-5 (PRIMARY TRENCH)                  |          |     |

Remarks: - ALL TRENCHING NEEDS TO BE 48" DEEP TO TOP OF CONDUIT  
- ELBOWS FOR HORIZONTAL BENDS AND SWEEPS INTO PAD

**Structure: 07. PB 0189**

| Assembly Unit | Activity | #Cond | Qty   | Unit Description                         | Complete | Qty |
|---------------|----------|-------|-------|--|----------|-----|
| 750 CONC 15KV | Install  | 3     | 1,310 | 750 CONC 15KV (WIRE, AL JCN 750MCM EPR)  |          |     |
| SUM1-CA       | Install  | 0     | 1     | SUM1-CA (SUM1F METAL PAD COVERING)       |          |     |
| SUM1F         | Install  | 0     | 1     | SUM1F (CONCRETE PAD 600 A SWITCH CAB.)   |          |     |
| SUM5026H      | Install  | 1     | 1,310 | SUM5026H - Conduit ((2) 6" HDPE CONDUIT) |          |     |
| SUM6-28F 3 PH | Install  | 0     | 1     | SUM6-28F (750 MCM PRIMARY SPLICE)        |          |     |
| SUM6-6        | Install  | 0     | 2     | SUM6-6 (GROUNDING ASSY)                  |          |     |
| SUME645F5     | Install  | 0     | 4     | SUME645F5 (6" FG 45 60")                 |          |     |
| SUR2-5        | Install  | 1     | 1,310 | SUR2-5 (PRIMARY TRENCH)                  |          |     |

Remarks: - ALL TRENCHING NEEDS TO BE 48" DEEP TO TOP OF CONDUIT

**Structure: 08. SC 606**

| Assembly Unit | Activity | #Cond | Qty | Unit Description                         | Complete | Qty |
|---------------|----------|-------|-----|--|----------|-----|
| 750 CONC 15KV | Install  | 3     | 440 | 750 CONC 15KV (WIRE, AL JCN 750MCM EPR)  |          |     |
| SUM5026H      | Install  | 1     | 440 | SUM5026H - Conduit ((2) 6" HDPE CONDUIT) |          |     |
| SUM6-3F 3 PH  | Install  | 0     | 1   | DEAD BREAK ELBOW 750 MCM                 |          |     |
| SUME690P4     | Install  | 0     | 2   | SUME690P4 (6" PVC 90 48")                |          |     |
| SUR2-5        | Install  | 1     | 440 | SUR2-5 (PRIMARY TRENCH)                  |          |     |
| SUM6-3F 3 PH  | Remove   | 0     | 1   | DEAD BREAK ELBOW 750 MCM                 |          |     |

Remarks: - ALL TRENCHING NEEDS TO BE 48" DEEP TO TOP OF CONDUIT  
- SC 606 IS A DEADFRONT STYLE SWITCH CABINET

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

Project: E2214138

Design: RBSS 312 PD TESTING & REPAIR

In Design

Grid:

Structure: 09. SC 963

| Assembly Unit | Activity | #Cond | Qty   | Unit Description                        | Complete | Qty |
|---------------|----------|-------|-------|---|----------|-----|
| 750 CONC 15KV | Abandon  | 3     | 3,060 | 750 CONC 15KV (WIRE, AL JCN 750MCM EPR) |          |     |

Remarks:

Structure: 10. SC 749

| Assembly Unit | Activity | #Cond | Qty | Unit Description                       | Complete | Qty |
|---------------|----------|-------|-----|--|----------|-----|
| STAG-2        | Install  | 0     | 6   | STAG-2 (PRIMARY CABLE TAG)             |          |     |
| SUM6-25F 3 PH | Install  | 0     | 1   | SUM6-25F (750 MCM PRIMARY TERMINATION) |          |     |
| SUM6-25F 3 PH | Install  | 0     | 1   | SUM6-25F (750 MCM PRIMARY TERMINATION) |          |     |
| SUM6-4EL      | Install  | 0     | 1   | 3-PH UG CURNT RESET FI, 600A TRIP      |          |     |
| SUM6-4EL      | Install  | 0     | 1   | 3-PH UG CURNT RESET FI, 600A TRIP      |          |     |
| STAG-2        | Remove   | 0     | 6   | STAG-2 (PRIMARY CABLE TAG)             |          |     |
| SUM6-25F 3 PH | Remove   | 0     | 1   | SUM6-25F (750 MCM PRIMARY TERMINATION) |          |     |
| SUM6-25F 3 PH | Remove   | 0     | 1   | SUM6-25F (750 MCM PRIMARY TERMINATION) |          |     |
| SUM6-4EL      | Remove   | 0     | 1   | 3-PH UG CURNT RESET FI, 600A TRIP      |          |     |
| SUM6-4EL      | Remove   | 0     | 1   | 3-PH UG CURNT RESET FI, 600A TRIP      |          |     |

Remarks: - RETIRE & INSTALL PRIMARY THREE PHASE TERMINATIONS TO SC 978 AND SC 689 IN COMPARTMENTS 1 AND 2  
 - RETIRE & INSTALL PRIMARY CABLE TAGS

Structure: 11. SC 748

| Assembly Unit | Activity | #Cond | Qty | Unit Description                       | Complete | Qty |
|---------------|----------|-------|-----|--|----------|-----|
| STAG-2        | Install  | 0     | 6   | STAG-2 (PRIMARY CABLE TAG)             |          |     |
| SUM6-25F 3 PH | Install  | 0     | 1   | SUM6-25F (750 MCM PRIMARY TERMINATION) |          |     |
| SUM6-25F 3 PH | Install  | 0     | 1   | SUM6-25F (750 MCM PRIMARY TERMINATION) |          |     |
| SUM6-4EL      | Install  | 0     | 1   | 3-PH UG CURNT RESET FI, 600A TRIP      |          |     |
| STAG-2        | Remove   | 0     | 6   | STAG-2 (PRIMARY CABLE TAG)             |          |     |
| SUM6-25F 3 PH | Remove   | 0     | 1   | SUM6-25F (750 MCM PRIMARY TERMINATION) |          |     |
| SUM6-25F 3 PH | Remove   | 0     | 1   | SUM6-25F (750 MCM PRIMARY TERMINATION) |          |     |
| SUM6-4EL      | Remove   | 0     | 1   | 3-PH UG CURNT RESET FI, 600A TRIP      |          |     |

Remarks: - RETIRE & INSTALL PRIMARY THREE PHASE TERMINATIONS TO SC 749 AND SC 581 IN COMPARTMENTS 1 AND 2  
 - RETIRE & INSTALL PRIMARY CABLE TAGS

Structure: 12. SC 590

| Assembly Unit | Activity | #Cond | Qty | Unit Description                       | Complete | Qty |
|---------------|----------|-------|-----|--|----------|-----|
| STAG-2        | Install  | 0     | 3   | STAG-2 (PRIMARY CABLE TAG)             |          |     |
| SUM6-25F 3 PH | Install  | 0     | 1   | SUM6-25F (750 MCM PRIMARY TERMINATION) |          |     |
| SUM6-4EL      | Install  | 0     | 1   | 3-PH UG CURNT RESET FI, 600A TRIP      |          |     |
| STAG-2        | Remove   | 0     | 3   | STAG-2 (PRIMARY CABLE TAG)             |          |     |
| SUM6-25F 3 PH | Remove   | 0     | 1   | SUM6-25F (750 MCM PRIMARY TERMINATION) |          |     |
| SUM6-4EL      | Remove   | 0     | 1   | 3-PH UG CURNT RESET FI, 600A TRIP      |          |     |

Remarks: - RETIRE & INSTALL PRIMARY THREE PHASE TERMINATIONS TO SC 751 IN COMPARTMENT 1  
 - RETIRE & INSTALL PRIMARY CABLE TAGS

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

Manufacturer:

Model:

S&C

PMH9 600A

SC 590

Serial Number:

951845

Manufactured Date:

05/01/1995

Notes:

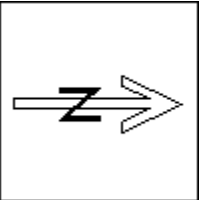
S & C PMH -9 Serial No.  
951845 Mfg. Date 5/95  
REVISED WITH  
W.O. # E9811553

Revised Date:

10/15/2001

Revised WO/JO:

DIRECTION  
(Reference  
to North)



TO:

CONDUCTOR

1/0 Conc East to PM 5003

VACANT

VACANT

4/0 Shld North to SC 656 Comp. 1

4/0 Shld North to SC 656 Comp. 1

4/0 Shld North to SC 656 Comp. 1

Switch #:

13477

Status:

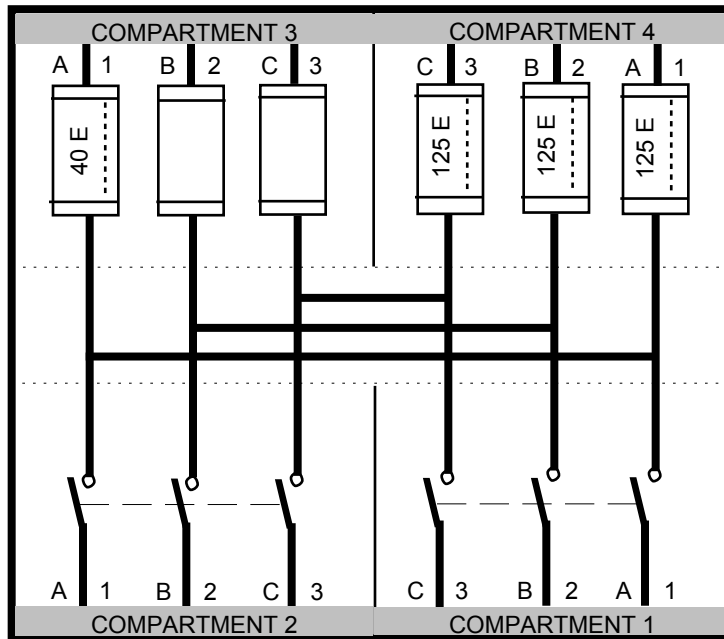
Closed

Switch #:

13476

Status:

Closed



TO:

CONDUCTOR

750 Conc East to SC 577, Comp. 1

750 Conc East to SC 577, Comp. 1

750 Conc East to SC 577, Comp. 1

750 Conc West to SC 751, Comp. 1

750 Conc West to SC 751, Comp. 1

750 Conc West to SC 751, Comp. 1

Fault Indicators Installed In  
Compartments:

Fuse Holder Type:

SML20

Spare Fuse Holder  
Installed:

N



LOCATION

North side of Raspberry outside of the  
fence at the southwest corner of Kulis Air  
National Guard

Inspected by: DICK HENDERSON

Install Date: 02/20/1996

Install Work  
Order ID: E9410938

Grid Map Location No.: 2024 - 3502

Feeder: RBSS 312

Manufacturer:

Model:

Cooper

VFI-9 600A

SC 606

(VACUUM FAULT INTERRUPTOR SWITCH)

Serial Number:

Manufactured Date:

Notes:

- Resettable Electronic fuses
- Tool inside for manual gang open/closed
- Revised JO 30906
- Asbuilt 11.18.11 Pool
- Asbuilt 5/30/12 Conroy

|                           |   |
|---------------------------|---|
| 3 PH Trip /<br>3 PH Reset | X |
| 1 PH Trip /<br>1 PH Reset |   |

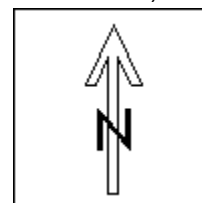
Switch #: 13519  
 Status: Closed

Revised Date:

07/20/2017

Revised WO/JO:

DIRECTION  
(Reference to North)



|                           |   |
|---------------------------|---|
| 3 PH Trip /<br>3 PH Reset | X |
| 1 PH Trip /<br>1 PH Reset |   |

Switch #: 13518  
 Status: Closed

TO:

CONDUCTOR

1/0 Conc West to PM 9408  
(HONOR FARM)

1/0 Conc West to PM 9408  
(HONOR FARM)

1/0 Conc West to PM 9408  
(HONOR FARM)

4/0 Conc West to Riser Pole 9808

4/0 Conc West to Riser Pole 9808

4/0 Conc West to Riser Pole 9808

TO:

CONDUCTOR

750 Conc North Then NE to SC 978

750 Conc North Then NE to SC 978

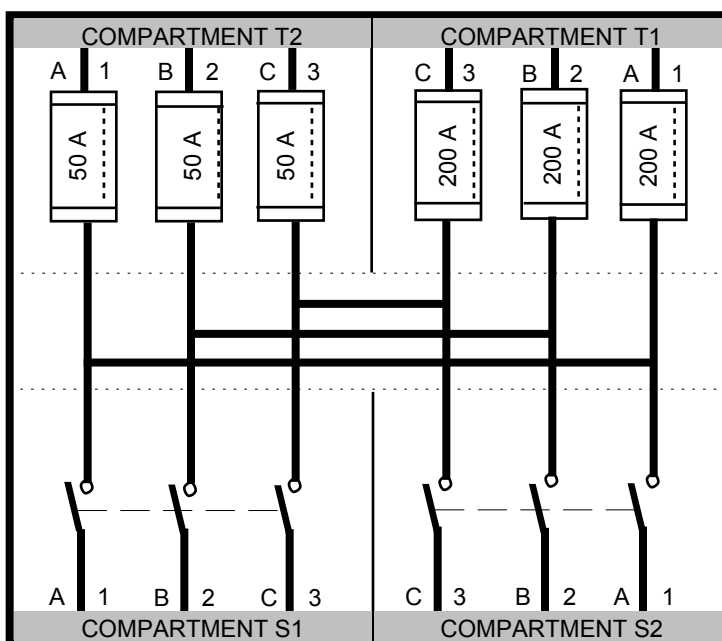
750 Conc North Then NE to SC 978

750 Conc Southwest to SC 963  
Comp. 1

750 Conc Southwest to SC 963  
Comp. 1

750 Conc Southwest to SC 963  
Comp. 1

Fault Indicators Installed In  
Compartments:



LOCATION  
 AIA END OF THE WEST ACCESS RD AT  
 THE ENTRANCE TO CLITHROE CTR  
 Grid Map Location No.: 1821 - 0108

Inspected by: Mike Arnold  
 Install Date: \_\_\_\_\_  
 Install Work Order ID: E9611122  
 Feeder: RBSS 312

Manufacturer:

Model:

S&C

PMH11 600A

SC 748

Serial Number:

Manufactured Date:

07/01/2001

Notes:

SERIAL # 013329  
 MFG. DATE 7/01  
 \*\*\*Visually check switch position in compartment 4, Switch indicator may not be correct.

TO:

CONDUCTOR

VACANT

1/0 CONC NORTH TO PM 4127

VACANT

750 Conc South to SC 583 Comp 2 thru Pad 5065

750 Conc South to SC 583 Comp 2 thru Pad 5065

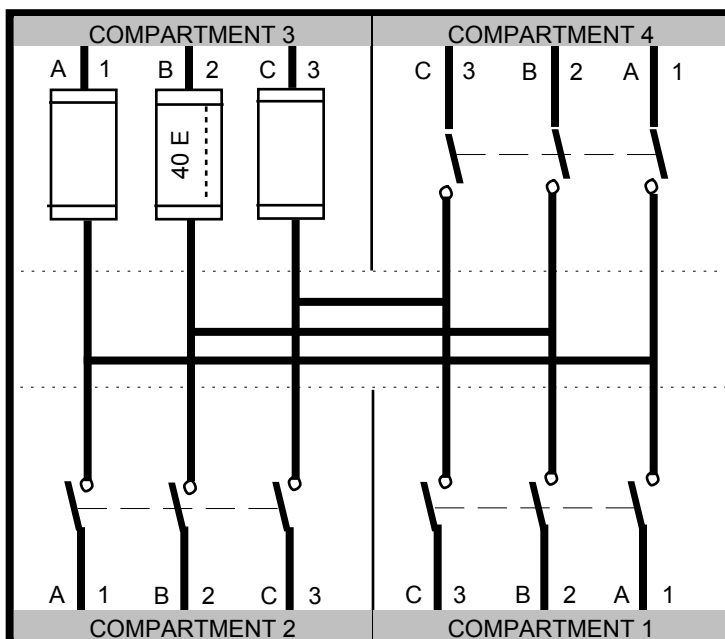
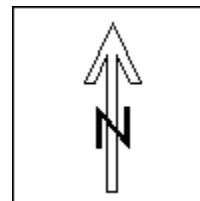
750 Conc South to SC 583 Comp 2 thru Pad 5065

Revised Date:

05/25/2004

Revised WO/JO:

DIRECTION (Reference to North)



Switch #: 13851

Status: Closed

Switch #: 13852

Status: Closed

Switch #: 13853

Status: Closed

TO:

CONDUCTOR

750 CONC WEST TO SC 749, COMP. #4

750 CONC WEST TO SC 749, COMP. #4

750 CONC WEST TO SC 749, COMP. #4

750 Conc N. to SC 581 Comp.2 (thru Pad 4115, vault 7427 & vault 1539)

750 Conc N. to SC 581 Comp.2 (thru Pad 4115, vault 7427 & vault 1539)

750 Conc N. to SC 581 Comp.2 (thru Pad 4115, vault 7427 & vault 1539)

Fuse Holder Type:

SML20

Spare Fuse Holder Installed:

N

Fault Indicators Installed In Compartments:

2, 4



LOCATION

A1A-east side of Point Woronzof Drive, 1000' north of the west end of the road

Grid Map Location No.: 1822 - 4398

Inspected by: MIKE ARNOLD

Install Date: 10/12/2001

Install Work Order ID: E0111909

Feeder: RBSS 312

Manufacturer:

Model:

S&C

PMH11 600A

SC 749

Serial Number:

013327

Manufactured Date:

07/01/2001

Notes:

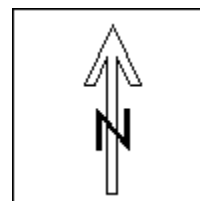
SERIAL # 013327  
MFG DATE 7/01  
AS-Built 5/30/12 Dave  
Conroy

Revised Date:

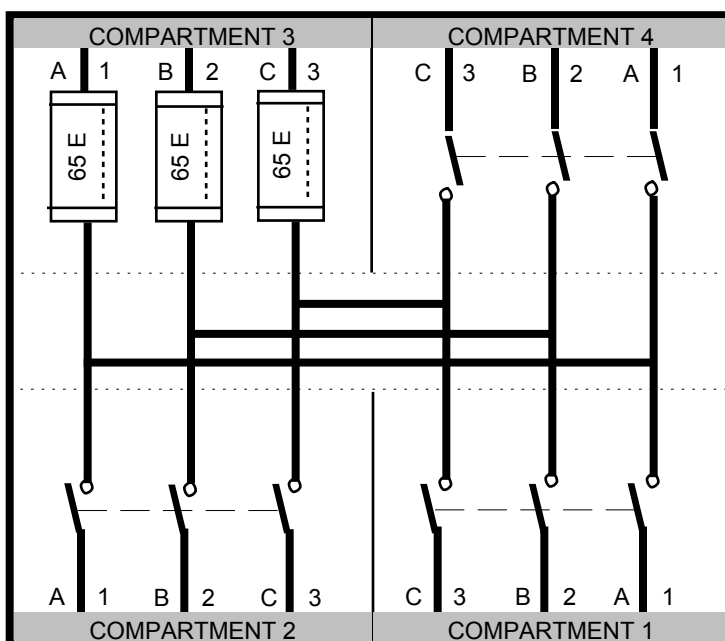
10/25/2012

Revised WO/JO:

DIRECTION  
(Reference  
to North)



|                                   |     |
|-----------------------------------|-----|
| CONDUCTOR                         | TO: |
| 750 CONC SOUTH TO POLE 9098       |     |
| 750 CONC SOUTH TO POLE 9098       |     |
| 750 CONC SOUTH TO POLE 9098       |     |
| 750 CONC EAST TO SC 748, COMP. #2 |     |
| 750 CONC EAST TO SC 748, COMP. #2 |     |
| 750 CONC EAST TO SC 748, COMP. #2 |     |



Switch #: 13854

Status: Closed

Switch #: 13855

Status: Closed

Switch #: 13856

Status: Closed

|                                    |     |
|------------------------------------|-----|
| CONDUCTOR                          | TO: |
| 750 CONC NORTH TO SC 689, COMP. #1 |     |
| 750 CONC NORTH TO SC 689, COMP. #1 |     |
| 750 CONC NORTH TO SC 689, COMP. #1 |     |
| 750 CONC WEST THEN SAW TO SC 978   |     |
| 750 CONC WEST THEN SAW TO SC 978   |     |
| 750 CONC WEST THEN SAW TO SC 978   |     |

Fuse Holder Type:

SML20

Spare Fuse Holder  
Installed:

N

Fault Indicators Installed In  
Compartments:

1, 2



LOCATION

A.I.A. north of the radar site (west end of the road)

Grid Map Location No.: 1821 - 9098

Inspected by: MIKE ARNOLD

Install Date: 10/06/2001

Install Work  
Order ID: E0111909

Feeder: RBSS 312

Manufacturer:

Model:

S&C

PMH9 600A

SC 963

Serial Number:

011387

Manufactured Date:

04/01/2010

Notes:

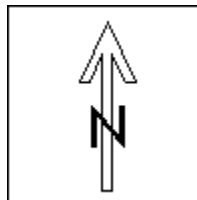
Cat#  
 55152R4EIF2G7K8M2M3  
 SERIAL # 101387  
 Date of MFG 4/10  
 AS-BUILT R.Pool  
 11/18/11

Revised Date:

03/30/2023

Revised WO/JO:

DIRECTION  
(Reference  
to North)



TO:

CONDUCTOR

4/0 Conc East JB 3358

4/0 Conc East JB 3358

4/0 Conc East JB 3358

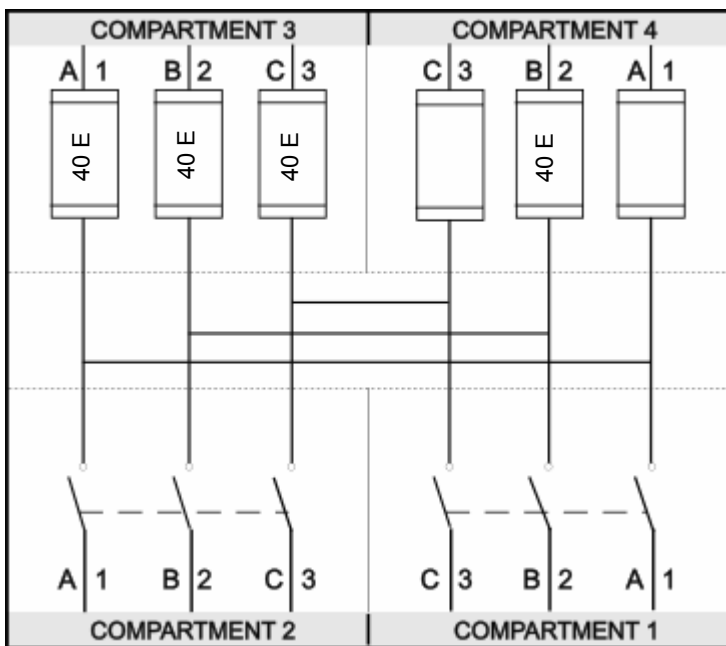
VACANT

1/0 Conc South PM 7146

VACANT

Switch #: 14349

Status: Closed



Switch #: 14350

Status: Closed

TO:

CONDUCTOR

750 Conc To SC 964 Comp. 1 (South)

750 Conc To SC 964 Comp. 1 (South)

750 Conc To SC 964 Comp. 1 (South)

750 Conc To SC 606 Comp S2 (N.E.)

750 Conc To SC 606 Comp S2 (N.E.)

750 Conc To SC 606 Comp S2 (N.E.)

Fault Indicators Installed In  
Compartments:

1

Fuse Holder Type:

SML20

Spare Fuse Holder  
Installed:

N



LOCATION

800' DIRECTLY NORTH OF THE END OF  
TSAIS RUNWAY 7R/25L

Inspected by: ROBERT POOL

Install Date: 06/05/2011

Install Work  
Order ID: E0913024

Grid Map Location No.: 1920 - 2559

Feeder: RBSS 312

Manufacturer:

Model:

S&C

PMH9 600A

SC 964

Serial Number:

105291

Manufactured Date:

12/01/2010

Notes:

Cat#55152R4EIF2G7K8M  
2M3 AS-BUILT R. Pool  
11/18/11

TO:

CONDUCTOR

1/0 Conc West PM 0326

1/0 Conc North PM 7146

VACANT

VACANT

VACANT

1/0 Conc West PM 0326

Revised Date:

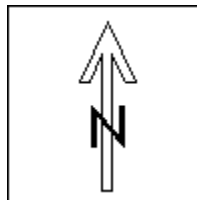
02/20/2019

Revised WO/JO:

E1813797

DIRECTION

(Reference to North)

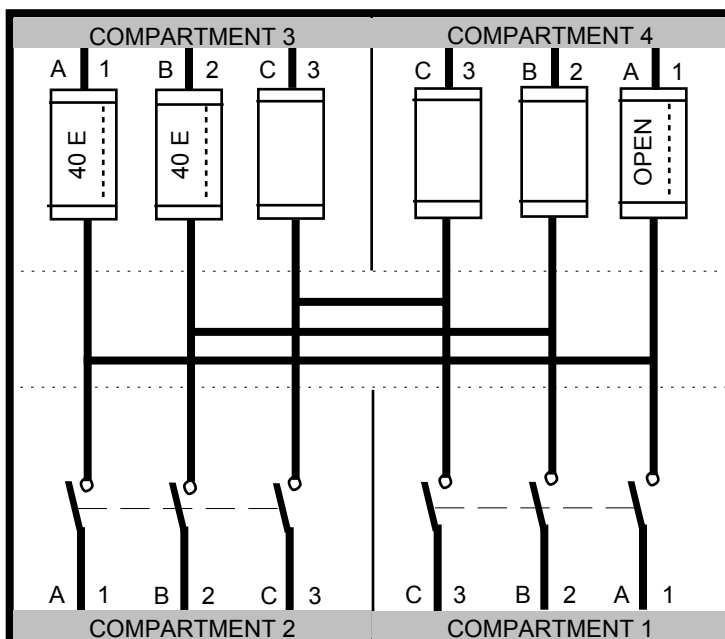


Switch #: 14351

Status: Closed

Switch #: 14352

Status: Closed



TO:

CONDUCTOR

750 Conc South to SC 1095 Comp 1

750 Conc South to SC 1095 Comp 1

750 Conc South to SC 1095 Comp 1

750 Conc North to SC 963

750 Conc North to SC 963

750 Conc North to SC 963

Fault Indicators Installed In Compartments:

1

Fuse Holder Type:

SML20

Spare Fuse Holder Installed:

N



LOCATION

WEST OF THE END OF TSAIA RUNWAY

Inspected by: ROBERT POOL

Install Date: 06/15/2011

Install Work Order ID: E0913024

Grid Map Location No.: 1920 - 0825

Feeder: RBSS 312

Manufacturer:

Model:

S&C

PMH9 600A

SC 1095

Serial Number:

662-18-61372

Manufactured Date:

07/01/2018

Notes:

CAT #

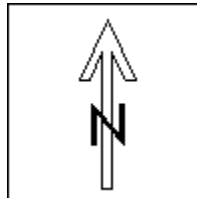
55152R4-E1F267K8M2M3

Revised Date:

02/20/2019

Revised WO/JO:

DIRECTION  
(Reference  
to North)



CONDUCTOR TO:

1/0 CONC SOUTH TO PM 8587

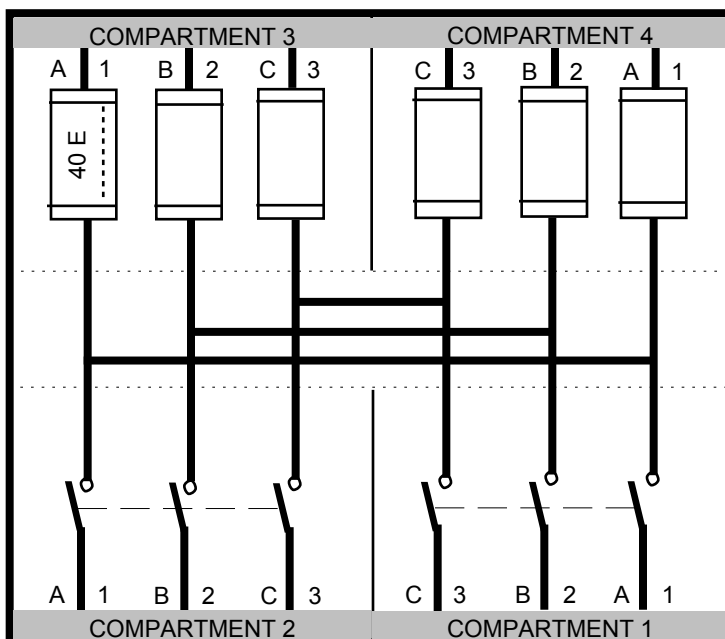
VACANT

VACANT

VACANT

VACANT

VACANT



Switch #: 14659

Status: Closed

Switch #: 14658

Status: Closed

CONDUCTOR TO:

750 CONC EAST TO SC 604 COMP 2

750 CONC EAST TO SC 604 COMP 2

750 CONC EAST TO SC 604 COMP 2

750 CONC NORTH THEN WEST TO  
SC 964 COMP 2

750 CONC NORTH THEN WEST TO  
SC 964 COMP 2

750 CONC NORTH THEN WEST TO  
SC 964 COMP 2

Fault Indicators Installed In  
Compartments:

1, 2

Fuse Holder Type:

SML20

Spare Fuse Holder  
Installed:

N



LOCATION

AIA SOUTH SIDE OF RUNWAY  
6R/24LON WEST PERIMETER RD ON  
THE WEST END BEFORE TURNING  
NORTH

Grid Map Location No.: 2019 - 8594

Inspected by: DARVIN THORNTON

Install Date: 10/30/2018

Install Work  
Order ID: E1813797

Feeder: RBSS 312

MATERIAL ISSUE TICKET

Project : E2214138

Work Request: E2214138

In Design

Design : RBSS 312 PD

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

TESTING &  
 REPAIR

| Description  | Part Number | Quantity Orderd | Issued |
|--|-------------|-----------------|--------|
| <b>Inventory</b>   |             |                 |        |
| WIRE, AL JCN 15KV #4/0   | 000000343   | 115             | _____  |
| WIRE, AL JCN 15KV 750MCM EPR                                     | 000000346   | 18,220          | _____  |
| WIRE, AL JCN 15KV #1/0   | 000000352   | 35              | _____  |
| WIRE, CU SDB #0006 SOL   | 000000374   | 180             | _____  |
| WIRE, CU SDB #4/0 STR (19 STR.)                                  | 000000378   | 50              | _____  |
| CONNECTOR, CONNECTOR,SC EQUIPMENT GROUND,4/0 AWG                 | 000001451   | 4               | _____  |
| LUG, COMP LUG AL 2H #1/0   | 000001509   | 1               | _____  |
| LUG, COMP LUG AL 2H #4/0   | 000001513   | 3               | _____  |
| LUG, COMP LUG AL 2H 750  | 000001515   | 30              | _____  |
| FASTENER, CLAMP GROUND ROD 3/4"                                  | 000001532   | 4               | _____  |
| FASTENER, CLAMP, GROUND ROD, 4/0 AWG                             | 000001533   | 2               | _____  |
| FUSE, S&C 14.4 SMU-20 040E                                       | 000001707   | 4               | _____  |
| FUSE, S&C END FITTING SML-20                                     | 000001709   | 4               | _____  |
| CABINET, SWITCH PMH-09 (600A) 15KV                               | 000002421   | 1               | _____  |
| PAD, CONC. SUM1-F 600A SW CABINET 15KV                           | 000003746   | 2               | _____  |
| LINE, GROUND ROD 3/4" X 8'                                       | 000004067   | 6               | _____  |
| CONDUIT, PVC EL 90 DEGREE 6" 48" RADI                            | 000004182   | 2               | _____  |
| CONDUIT, FG EL 45 DEG 6" 60" RADI                                | 000004185   | 10              | _____  |
| KIT, PRIMARY SPLICE 15KV 750MCM JCN                              | 000004513   | 12              | _____  |
| LINE, BRACKET CABLE SUPPORT                                      | 000004646   | 30              | _____  |
| KIT, PRIMARY TERM 15KV #02-1/0 JCN                               | 000004767   | 1               | _____  |
| KIT, PRIMARY TERM 15KV 3/0-350MCM JCN                            | 000004772   | 3               | _____  |
| KIT, PRIMARY TERM 15KV 750MCM JCN                                | 000004773   | 30              | _____  |
| SHRINK, CABLE SEALER COLD SHRINK 2/0-1000 MCM                    | 000011586   | 3               | _____  |
| CONDUIT, HDPE 6"   | 000011888   | 6,600           | _____  |
| LINE, UG INDICATOR FAULT CURRENT RESET 600A TRIP (350-750 KCMIL) | 000013367   | 7               | _____  |
| CONDUIT, GRC EL 60 DEG 6" 60" RADI                               | 000015049   | 4               | _____  |
| TERMINATION, 15/25KV ELBOW, 600A                                 | M33600      | 3               | _____  |
| 15/25KV INSULATED PLUG W/ CAP, 600A                              | M33660      | 3               | _____  |
| 750 COMPRESSION LUG  | M33720      | 3               | _____  |
| 750 CABLE ADAPTER  | M33760      | 3               | _____  |

**Non-Inventory**

|                                |           |   |       |
|--------------------------------|-----------|---|-------|
| BLUE & GREEN CEA DECAL NON INV | 000010321 | 2 | _____ |
| PADLOCKS                       | 000010613 | 4 | _____ |
| WEDGE ANCHOR .5 X 2.75 NON-INV | 000010657 | 4 | _____ |

Remarks:

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

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

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

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

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

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

Contractor \_\_\_\_\_

Special Notes:

**From:** [Denise Elsenbast](#)  
**To:** [Elijah Cook](#)  
**Subject:** FW: SOUTH District / INOAC, ArcFM Designer Order Submitted: DSN9977\_1  
**Date:** Thursday, January 25, 2024 2:21:26 PM

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**From:** peoplesoft@chugachelectric.com <peoplesoft@chugachelectric.com>  
**Sent:** Thursday, January 25, 2024 2:19 PM  
**To:** Todd McCarty <Todd\_McCarty@chugachelectric.com>  
**Cc:** Warehouse Order Notification <\_2b9394@chugachelectric.com>  
**Subject:** SOUTH District / INOAC, ArcFM Designer Order Submitted: DSN9977\_1

**SOUTH District / INOAC**, Order DSN9977\_1 submitted on 25-JAN-24 by ELIJAH.C.

Account: 10720-000-03-7665

Project: E2214138-GENERAL

Number of Lines: 25

[Open Order in PeopleSoft](#)

| Order     | Line | Item       | Qty   | UOM | Descr   |
|-----------|------|------------|-------|-----|---|
| DSN9977_1 | 1    | 0000000343 | 115   | EA  | WIRE, AL JCN 15KV #4/0  |
| DSN9977_1 | 2    | 0000000346 | 18517 | EA  | WIRE, AL JCN 15KV 750MCM EPR  |
| DSN9977_1 | 3    | 0000000352 | 35    | EA  | WIRE, AL JCN 15KV #1/0  |
| DSN9977_1 | 4    | 0000000378 | 50    | EA  | WIRE, CU SDB #4/0 STR (19 STR.)   |
| DSN9977_1 | 5    | 0000001451 | 4     | EA  | CONNECTOR,SC EQUIPMENT<br>GROUND,4/0 AWG                                  |
| DSN9977_1 | 6    | 0000001509 | 1     | EA  | LUG, COMP LUG AL 2H #1/0  |
| DSN9977_1 | 7    | 0000001513 | 3     | EA  | LUG, COMP LUG AL 2H #4/0  |
| DSN9977_1 | 8    | 0000001515 | 30    | EA  | LUG, COMP LUG AL 2H 750   |
| DSN9977_1 | 9    | 0000001533 | 2     | EA  | FASTENER, CLAMP, GROUND ROD, 4/0<br>AWG                                   |
| DSN9977_1 | 10   | 0000001707 | 4     | EA  | FUSE, S&C 14.4 SMU-20 040E  |
| DSN9977_1 | 11   | 0000001709 | 4     | EA  | FUSE, S&C END FITTING SML-20  |
| DSN9977_1 | 12   | 0000002421 | 1     | EA  | CABINET, SWITCH PMH-09 (600A) 15KV  |
| DSN9977_1 | 13   | 0000003746 | 2     | EA  | PAD, CONC. SUM1-F 600A SW CABINET<br>15KV                                 |
| DSN9977_1 | 14   | 0000004067 | 2     | EA  | LINE, GROUND ROD 3/4" X 8'  |
| DSN9977_1 | 15   | 0000004182 | 2     | EA  | CONDUIT, PVC EL 90 DEGREE 6" 48" RADI<br>CONDUIT, FIBERGLASS ELBOW 45 DEG |

|           |    |            |      |    |   |
|-----------|----|------------|------|----|---|
| DSN9977_1 | 16 | 0000004185 | 10   | EA | 6" 60" RADI   |
| DSN9977_1 | 17 | 0000004513 | 12   | EA | KIT, PRIMARY SPLICE 15KV 750MCM JCN                   |
| DSN9977_1 | 18 | 0000004646 | 30   | EA | LINE, BRACKET CABLE SUPPORT P/N<br>CS820              |
| DSN9977_1 | 19 | 0000004767 | 1    | EA | KIT, PRIMARY TERM 15KV #02-1/0 JCN                    |
| DSN9977_1 | 20 | 0000004772 | 3    | EA | KIT, PRIMARY TERM 15KV 3/0-350MCM<br>JCN              |
| DSN9977_1 | 21 | 0000004773 | 30   | EA | KIT, PRIMARY TERM 15KV 750MCM JCN                     |
| DSN9977_1 | 22 | 0000011586 | 3    | EA | SHRINK, CABLE SEALER COLD SHRINK<br>2/0-1000 MCM      |
| DSN9977_1 | 23 | 0000011888 | 6798 | EA | CONDUIT, HDPE 6" (40 FT STICK)                        |
| DSN9977_1 | 24 | 0000013367 | 2    | EA | LINE, UG INDICATOR FAULT CURRENT<br>RESET 600A TRIP ( |
| DSN9977_1 | 25 | 0000015049 | 4    | EA | CONDUIT, FIBERGLASS ELBOW 60<br>DEGREE 6" 60" RADIUS  |