

In Design

BIDSHEET

for

PROJECT : E2314244

15KV: DBSS TO ANCHORAGE SUB. OH/UG PH.2

Work Request: E2314244
Design No.: 15KV: DBSS TO ANCHORAGE SUB. OH/UG PH2
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: Marshall Elliott & Vladimir Krivonosov Date: 05/26/26

Marshall Elliott & Vladimir Krivonosov

Reviewed by Supervisor/Manager: Jake Moe Date: 6/12/26

Supervisor

Remarks:

In Design

Project: E2314244
15KV: DBSS TO ANCHORAGE SUB. OH/UG PH.2

Contractor: _____

| Assembly Unit | Proposed Quantity | Actual Quantity | Labor | Material | Labor & Material | Extended Labor & Material |
|------------------|-------------------|-----------------|-------|----------|------------------|---------------------------|
| 1/0 CONC | 2.030 | | | | | |
| 2 RIBB Secondary | 1.790 | | | | | |
| 3-DEADEND | 1.000 | | | | | |
| 3-TANGENT HOT | 2.000 | | | | | |
| 4/0 RIBB | 0.485 | | | | | |
| 6 DPX | 0.160 | | | | | |
| 6/2 UF | 0.045 | | | | | |
| 750 CONC 15KV | 13.454 | | | | | |
| BORE | 5.690 | | | | | |
| C1 | 1.000 | | | | | |
| CLEAN CNDT | 0.335 | | | | | |
| CONCRETE | 1.000 | | | | | |
| CURB | 1.000 | | | | | |
| De-water Vault | 1.000 | | | | | |
| HOT 3 INSERT | 2.000 | | | | | |
| J10 | 1.000 | | | | | |
| J11 | 1.000 | | | | | |
| M2-11 | 2.000 | | | | | |
| POLE45/3 | 1.000 | | | | | |
| POLE50/3 | 1.000 | | | | | |
| RAISE PAD | 2.000 | | | | | |
| SC7A-2 | 1.000 | | | | | |
| SC9-2A | 1.000 | | | | | |
| SE14 | 2.000 | | | | | |
| SF4C | 2.000 | | | | | |
| SHUR2-3 | 0.030 | | | | | |
| SHUR2-5 | 0.190 | | | | | |
| SHUR2-6 | 0.020 | | | | | |
| SL5AL | 7.000 | | | | | |
| SM2-11 | 1.000 | | | | | |
| SM52-3 | 1.000 | | | | | |

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| Assembly Unit | Proposed Quantity | Actual Quantity | Labor | Material | Labor & Material | Extended Labor & Material |
|---------------|-------------------|-----------------|-------|----------|------------------|---------------------------|
| SM5-9B | 2.000 | | | | | |
| SR1-16 | 1.000 | | | | | |
| STAG-2 | 6.000 | | | | | |
| SUA2 | 2.000 | | | | | |
| SUC3 | 3.000 | | | | | |
| SUG7-25 | 3.000 | | | | | |
| SUK5 | 4.000 | | | | | |
| SUK6 | 7.000 | | | | | |
| SUM1 | 4.000 | | | | | |
| SUM1-CD | 3.000 | | | | | |
| SUM1F | 4.000 | | | | | |
| SUM1-GPA | 8.000 | | | | | |
| SUM3-9 | 4.000 | | | | | |
| SUM5 | 1.000 | | | | | |
| SUM5011.5H | 0.035 | | | | | |
| SUM5012H | 3.920 | | | | | |
| SUM5012SR | 2.000 | | | | | |
| SUM5014H | 1.125 | | | | | |
| SUM5014P | 0.030 | | | | | |
| SUM5016FR | 3.000 | | | | | |
| SUM5022H | 1.435 | | | | | |
| SUM5024H | 0.070 | | | | | |
| SUM5026H | 4.695 | | | | | |
| SUM6-10 | 2.000 | | | | | |
| SUM6-15 | 2.000 | | | | | |
| SUM6-1C 1 PH | 9.000 | | | | | |
| SUM6-25C 1 PH | 6.000 | | | | | |
| SUM6-25D 3 PH | 1.000 | | | | | |
| SUM6-25F 3 PH | 12.000 | | | | | |
| SUM6-28C 1 PH | 4.000 | | | | | |
| SUM6-28F 3 PH | 5.000 | | | | | |

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|--------------------|-------------------|-----------------|-------|----------|------------------|---------------------------|
| SUM6-36A | 6.000 | | | | | |
| SUM6-4EL | 5.000 | | | | | |
| SUM6-6 | 3.000 | | | | | |
| SUME290S3 | 18.000 | | | | | |
| SUME445F4 | 5.000 | | | | | |
| SUME490F3 | 1.000 | | | | | |
| SUME630F5 | 2.000 | | | | | |
| SUME645F5 | 22.000 | | | | | |
| SUME690F5 | 6.000 | | | | | |
| SUMV-1 | 50.000 | | | | | |
| SUR2-3 | 0.035 | | | | | |
| SUR2-5 | 0.270 | | | | | |
| SURCP | 0.020 | | | | | |
| SURCR | 0.055 | | | | | |
| Survey | 1.000 | | | | | |
| SWPPP-BP | 1.000 | | | | | |
| Traffic Control | 1.000 | | | | | |
| * 1/0 ACSR Neutral | 1.785 | | | | | |
| * 1/0 CONC | 0.285 | | | | | |
| * 4 ACSR 1 PH | 0.645 | | | | | |
| * 4 ACSR Neutral | 0.645 | | | | | |
| * 4 TPX Secondary | 0.480 | | | | | |
| * 4/0 ACSR | 5.355 | | | | | |
| * 4/0 SHLD 1 PH | 0.005 | | | | | |
| * 6 DPX | 0.045 | | | | | |
| * 6 TPX | 1.755 | | | | | |
| * A7 | 1.000 | | | | | |
| * A7-1 | 1.000 | | | | | |
| * A8 | 2.000 | | | | | |
| * A9-1 | 1.000 | | | | | |
| * C8-1 | 3.000 | | | | | |

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Contractor: _____

| Assembly Unit | Proposed Quantity | Actual Quantity | Labor | Material | Labor & Material | Extended Labor & Material |
|---------------|-------------------|-----------------|-------|----------|------------------|---------------------------|
| * C9-2 | 5.000 | | | | | |
| * J10 | 4.000 | | | | | |
| * J11 | 10.000 | | | | | |
| * J5 | 2.000 | | | | | |
| * J8 | 1.000 | | | | | |
| * M2-11 | 1.000 | | | | | |
| * M5-21 | 1.000 | | | | | |
| * M5-5 | 41.000 | | | | | |
| * POLE40/4 | 2.000 | | | | | |
| * POLE45/1 | 1.000 | | | | | |
| * SC7 | 1.000 | | | | | |
| * SE1-4 | 2.000 | | | | | |
| * SE15 | 1.000 | | | | | |
| * SEM-I42 | 1.000 | | | | | |
| * SF7C | 1.000 | | | | | |
| * SG39-25 | 1.000 | | | | | |
| * SG9-50 | 1.000 | | | | | |
| * SL5-AAL | 5.000 | | | | | |
| * SL5AL | 1.000 | | | | | |
| * SM5-9B | 5.000 | | | | | |
| * SM5-9B 3 PH | 1.000 | | | | | |
| * SM5-9PB | 1.000 | | | | | |
| * STAG-2 | 6.000 | | | | | |
| * SUA2 | 3.000 | | | | | |
| * SUA4A | 1.000 | | | | | |
| * SUC1 | 1.000 | | | | | |
| * SUK5 | 4.000 | | | | | |
| * SUM3E-1CB | 2.000 | | | | | |
| * SUM5 | 3.000 | | | | | |
| * SUM6-10 | 2.000 | | | | | |
| * SUM6-15 | 2.000 | | | | | |

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Contractor: _____

| Assembly Unit | Proposed Quantity | Actual Quantity | Labor | Material | Labor & Material | Extended Labor & Material |
|-----------------|-------------------|-----------------|-------|----------|------------------|---------------------------|
| * SUM6-1A 1 PH | 1.000 | | | | | |
| * SUM6-1C 1 PH | 4.000 | | | | | |
| * SUM6-1D 1 PH | 4.000 | | | | | |
| * SUM6-25A 1 PH | 2.000 | | | | | |
| * SUM6-25C 1 PH | 3.000 | | | | | |
| * SUM6-25D 3 PH | 1.000 | | | | | |
| * SUM6-4C | 1.000 | | | | | |
| * SUM6-4ES | 1.000 | | | | | |
| * SUME290S3 | 5.000 | | | | | |
| * SUME490F3 | 2.000 | | | | | |
| * SUME490F4 | 1.000 | | | | | |
| * 2 CONC 1 PH | 0.485 | | | | | |
| * 2/0 RIBB | 0.170 | | | | | |
| * 4/0 RIBB | 0.305 | | | | | |
| * 4/0 SHLD 3 PH | 4.140 | | | | | |
| * 6/2 UF | 0.175 | | | | | |
| * SF4P | 2.000 | | | | | |

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CHUGACH ELECTRIC ASSOCIATION, INC.
Anchorage, Alaska
RIGHT-OF-WAY REPORT -AMENDMENT No. 4

WORK ORDER NO. E2314244/RW25943

DATE: March 23, 2026

SUBJECT: OH to UG Title 21 Transmission and Distribution Project
DBSS Anchorage SS System Improvement Project PHASE II
W.O.'s Distribution E2314244/RW25943 and Transmission E2320073
Grids 1335, 1336, 1337, 1338, 1339, Map Books Multiple

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 75-69, 75-83, 79-133, 85-25, 2020-68, 63-87, 71-138, P-35, P-93C, P-120A, US Patent 04481, Serial Number 997467, 2010-87, 73-96, P-391A, 85-253, P-242F, 96-11, 95-36. 93-37, 83-357, 2002-18, P-242B, P-242H, 2017-43, 97-155.

(X) 2. CEA Specific Easements on File

Requested Easements:

() 1. ACS has provided Exhibits and Legal Descriptions for Two Easements within MOA Park Land (Parcel 005-141-01). **Submitted to MOA and Parks and Survey departments for review.**

() 2. ACS has provided Exhibits and Legal Descriptions for Tract A, MOA Park Land (Parcel 006-083-01). **Submitted to MOA and Parks and Survey departments for review.**

(X) 3. Totem Trailer Park Easement has been obtained and Recorded under 2026-006558-0 from ZO Hawkins Enterprise, LLC, Block 9, Lot 1, Lawrence Subdivision.

(X) 4. Alaska Yearly Meeting of Friends Church, Block 6, Lot 8, Lawrence Subdivision. Spoke to Russell Dimmick on 3/16/2026 in the process of signing and will return original via email.

() 5. Notice of Construction Letters and associated maps to identify location of the project area has been developed to send to GIS for Labels once tentative construction has been determined to go forward.

PERMITS:

() 1. MOA ROW Permit requested for 2026 construction. Will submit for approval once drawings and TCP's are submitted to Land Services.

(X) 2. SOA DOT&PF Utility Permit 1-134700-25-315 fully executed expires October 1, 2026 for Boring under Boniface Parkway.

() 3. SOA DOT&PF Lane Closure Permit (LCP) is required. (see **Notes**)

(X) 4. No construction activity was identified in standing or running water.
No Wetlands Permits have been obtained.

Clearing:

() 1. Clearing will be required in specified areas. Please identify areas on final drawings by designer.

NOTES: Project Deliverables Required

Contractors Requirements:

- A. Contractors are required to submit TCPs to SOA DOT&PF for LCP.
State of Alaska Roadways that may pertain to construction activities are Boniface Parkway, DeBarr Road and Muldoon Road)

Lorraine Lehman

Lorraine A. Lehman,
Right-of-Way Agent II

**In Design
STAKING SHEET**

for

PROJECT: E2314244

15KV: DBSS TO ANCHORAGE SUB. OH/UG PH.2

Work Request: E2314244
Design: 15KV: DBSS TO ANCHORAGE SUB. OH/UG PH2
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: Marshall Elliott & Vladimir Krivonosov Date: 05/26/26

Reviewed by Supervisor/Manager: Jake Moe Date: 6/12/26
Supervisor

Remarks:

Chugach Electric Association
5601 Electron Drive
Anchorage, AK 99518

Designer _____ Date ___/___/___

Checker _____ Date ___/___/___

Manager _____ Date ___/___/___

Project: E2314244 Design: 15KV: DBSS TO ANCHORAGE SUB. OH/UG PH2

In Design

15KV: DBSS TO ANCHORAGE SUB. OH/UG PH.2

Grid:
1336,1338,1238,1236,1
237,1337

Structure: 01 GENERAL

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|-----------------|----------|-------|-----|---|----------|-----|
| CONCRETE | Install | 0 | 1 | CONCRETE (CONCRETE) | | |
| CURB | Install | 0 | 1 | CURB (CUT & REPLACE CONCRETE CURBS) | | |
| De-water Vault | Install | 0 | 1 | De-water Vault (De-water Vault Lump Sum Unit) | | |
| 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) | | |

Remarks:

- SURL LANDSCAPE UNIT IS A LUMP SUM FOR REPAIRING ALL DISTURBED AREAS TO ORIGINAL CONDITION.
- TRAFFIC CONTROL UNIT IS A LUMP SUM FOR IMPLEMENTATION OF TRAFFIC CONTROL MEASURES.
- BORE UNIT INCLUDES ALL ANCILLARY WORK NECESSARY TO COMPLETE BORE INSTALLATION INCLUDING ALL POTHOLES NEEDED FOR UTILITY LOCATES.
- SR-16 CLEARING UNIT IS A LUMP SUM FOR ANY NECESSARY CLEARING NEEDED FOR THE ENTIRE JOB.
- R&R FENCE/TEMP UNIT IS A LUMP SUM FOR REMOVAL AND RESTORATION OF ALL EXISTING FENCING ON THE PROJECT, THIS UNIT WILL ALSO BE USED FOR TEMPORARY FENCING REQUIRED FOR CONSTRUCTION.
- SIDEWALK, CONCRETE AND CURB ARE LUMP SUM UNITS, ADJUSTED AT THE DISCRETION OF THE CEA INSPECTOR AND WILL BE USED WHERE NECESSARY.
- DE-WATER VAULT IS A LUMP SUM UNIT FOR THE INSTALLATION OF A NEW VAULT, THE REMOVAL OF WATER FROM A NEW OR EXISTING VAULT FOR THE DURATION OF THE PROJECT. THIS UNIT WILL BE ADJUSTED AT THE DISCRETION OF THE CEA INSPECTOR AND WILL BE USED WHERE NECESSARY.
- WRAP ALL PRIMARY CABLE IN VAULTS WITH 3" ARC-PROOFING TAPE AT A 1/2 INCH OVERLAP (3-M OR PLYMOUTH). THE THREE SINGLE CABLES IN EACH CIRCUIT ARE TO BE TAPED TOGETHER.
- ALL VAULTS SHOWN ARE INSTALLED ON E2320073, AND THIS WORK ORDER IS BUILT IN CONJUNCTION.

Structure: 02 P 81C

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|------------------------------------|----------|-----|
| SM5-9B | Remove | 0 | 1 | CUTOUT ASSEMBLY LOAD BREAK XRM MT | | |
| SUA2 | Remove | 0 | 1 | SUA2 (PRI RISER ON 3 PH OH LINE) | | |
| SUM6-25C 1 PH | Remove | 0 | 1 | SUM6-25C (1/0 PRIMARY TERMINATION) | | |
| SUME290S3 | Remove | 0 | 1 | SUME290S3 (2" RSC 90 36") | | |

Remarks:

Structure: 03 PM 8412(82N)

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|---|----------|-----|
| SUM6-1C 1 PH | Install | 0 | 1 | SUM6-1C (1/0 LB ELBOW TERMINATION-15KV) | | |
| 1/0 CONC | Remove | 1 | 285 | 1/0 CONC Wire (1/0 CONCENTRIC PRIMARY) | | |
| SUM6-1C 1 PH | Remove | 0 | 1 | SUM6-1C (1/0 LB ELBOW TERMINATION-15KV) | | |
| SUM5012P | Existing | 1 | 285 | SUM5012P - Conduit ((1) 2" PVC CONDUIT) | | |

Remarks: -RELABEL TRANSFORMER TO PM 8412.

Structure: 04 PM 8902

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|--|----------|-----|
| 1/0 CONC | Install | 1 | 435 | 1/0 CONC Wire (1/0 CONCENTRIC PRIMARY) | | |
| CLEAN CNDT | Install | 1 | 285 | CLEAN CNDT (MANDREL & SWAB) | | |
| SHUR2-5 | Install | 1 | 5 | SHUR2-5 (PRIMARY TRENCH HAND -DIG) | | |
| SUG7-25 | Install | 0 | 1 | SUG7-25 (XFMR, PM, 25 KVA, 1 PH, LOOP) | | |
| 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) | | |
| SUM5012H | Install | 1 | 150 | SUM5012H - Conduit ((1) 2" HDPE CONDUIT) | | |
| SUM6-1C 1 PH | Install | 0 | 1 | SUM6-1C (1/0 LB ELBOW TERMINATION-15KV) | | |
| SUM6-1C 1 PH | Install | 0 | 1 | SUM6-1C (1/0 LB ELBOW TERMINATION-15KV) | | |
| SUME290S3 | Install | 0 | 1 | SUME290S3 (2" RSC 90 36") | | |

Chugach Electric Association
5601 Electron Drive
Anchorage, AK 99518

Designer/Project Engineer _____ Date ____/____/____
 Checker _____ Date ____/____/____
 Manager/Supervisor _____ Date ____/____/____

Project: E2314244 Design: 15KV: DBSS TO ANCHORAGE SUB. OH/UG PH2

In Design

15KV: DBSS TO ANCHORAGE SUB. OH/UG PH.2

Grid:
1336,1338,1238,1236,1
237,1337

Remarks: -HAND DIG TO LOCATE AND EXPOSE PVC NEAR POLE 81C AND SPLICE NEW HDPE TO THE PVC THAT RUNS NORTH TO (03)PM 8412.
-INSTALL BOLLARDS ON EAST SIDE OF PAD.
-IN COMMON BORE WITH (05)P 7702.

Structure: 04A P 8901(91A)

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|--|----------|-----|
| 6/2 UF | Install | 1 | 10 | #6 DB 2 WIRE STREETLIGHT CNDCT | | |
| J11 | Install | 0 | 1 | J11 (SECONDARY DEADEND) | | |
| SHUR2-5 | Install | 1 | 10 | SHUR2-5 (PRIMARY TRENCH HAND -DIG) | | |
| SM52-3 | Install | 0 | 1 | SM52-3 (POLE NUMBER) | | |
| SUM5 | Install | 0 | 1 | SUM5 (SECONDARY RISER) | | |
| SUM5012H | Install | 1 | 10 | SUM5012H - Conduit ((1) 2" HDPE CONDUIT) | | |
| SUME290S3 | Install | 0 | 1 | SUME290S3 (2" RSC 90 36") | | |
| J5 | Remove | 0 | 1 | J5 (SECONDARY ASSY. TANGENT) | | |
| J5 | Remove | 0 | 1 | J5 (SECONDARY ASSY. TANGENT) | | |
| SUM5 | Remove | 0 | 1 | SUM5 (SECONDARY RISER) | | |
| SUM5 | Remove | 0 | 1 | SUM5 (SECONDARY RISER) | | |
| SL5-AB | Existing | 0 | 1 | SL5-AB (STREET LIGHT, 250 WATT HPS) | | |

Remarks: -REMOVE EXISTING TWO U.G. SERVICE CABLES FROM THE POLE 8901 AND TERMINATE IN PM 8902.

Structure: 04B 9501(91B)

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|-----------------|----------|-------|-----|-------------------------------------|----------|-----|
| 6 DPX | Install | 1 | 155 | 6 DPX Wire (STREETLIGHT CONDUCTOR) | | |
| 4 TPX Secondary | Remove | 1 | 155 | 4 TPX OH SERVICE CONDUCTOR | | |
| J11 | Remove | 0 | 1 | J11 (SECONDARY DEADEND) | | |
| J11 | Existing | 0 | 1 | J11 (SECONDARY DEADEND) | | |
| SL5-AB | Existing | 0 | 1 | SL5-AB (STREET LIGHT, 250 WATT HPS) | | |

Remarks: -#4 TPX USED TO REPRESENT OPEN WIRE SECONDARY.

-RETURN TO (04) PM 8902.

Structure: 05 P 7702(71C)

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|--|----------|-----|
| 1/0 CONC | Install | 1 | 325 | 1/0 CONC Wire (1/0 CONCENTRIC PRIMARY) | | |
| BORE | Install | 1 | 270 | BORE | | |
| M2-11 | Install | 0 | 1 | M2-11 (POLE GROUNDING ASSY) | | |
| SHUR2-5 | Install | 1 | 20 | SHUR2-5 (PRIMARY TRENCH HAND -DIG) | | |
| SM5-9B | Install | 0 | 1 | CUTOUT ASSEMBLY LOAD BREAK XRM MT | | |
| SUA2 | Install | 0 | 1 | SUA2 (PRI RISER ON 3 PH OH LINE) | | |
| SUM5012SR | Install | 0 | 1 | FIRST 10FT SPARE EMPTY 2" S RISER | | |
| SUM5022H | Install | 1 | 325 | SUM5022H - Conduit ((2) 2" HDPE CONDUIT) | | |
| SUM6-25C 1 PH | Install | 0 | 1 | SUM6-25C (1/0 PRIMARY TERMINATION) | | |
| SUME290S3 | Install | 0 | 2 | SUME290S3 (2" RSC 90 36") | | |
| SUR2-5 | Install | 1 | 35 | SUR2-5 (PRIMARY TRENCH) | | |
| SURCR | Install | 1 | 55 | SURCR (STATE/MOA ROAD CROSSING) | | |

Remarks: -OPEN CUT ACROSS LANE STREET.
-INSTALL 40T FUSE.

Structure: 06 P 0198

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|---|----------|-----|
| 3-TANGENT HOT | Install | 0 | 1 | 3-TANGENT HOT (3-TANGENT HOT) | | |
| HOT 3 INSERT | Install | 0 | 1 | HOT 3 INSERT (HOT 3 INSERT (TASK ORDER ONLY)) | | |
| J10 | Install | 0 | 1 | J10 (SECONDARY ASSY.) | | |
| POLE50/3 | Install | 0 | 1 | POLE50/3 (POLE, 050 CLASS 3) | | |
| SC9-2A | Install | 0 | 1 | SC9-2A (UNDERBUILD XARM LGCNDR) | | |
| SM2-11 | Install | 0 | 1 | SM2-11 (POLE GROUNDING ASSY) | | |
| SUC3 | Install | 0 | 1 | SUC3 (PRI RISER) | | |
| SUM1-GPA | Install | 0 | 1 | SUM1-GPA (GUARD POST W/SLEEVE) | | |
| SUM5016FR | Install | 0 | 1 | FIRST 10FT SPARE EMPTY 6" FG RISER | | |
| SUM6-25F 3 PH | Install | 0 | 1 | SUM6-25F (750 MCM PRIMARY TERMINATION) | | |
| SUME690F5 | Install | 0 | 2 | SUME690F5 (6" FG 90 60") | | |

Remarks: -SC9-2A IS REALLY M33-5XA WITH DOUBLE ALLEY ARM.
-UTILIZE AN ALLEY BRACE (CONTRACTOR SUPPLIED) ALONG WITH THE CEA SUPPLIED (2)10' CROSSARM (SC9-2A) AND 8' CROSSARM (SUC3) TO SUPPORT THE TERMINATIONS.
-INSERT POLE 50/3 10' DEEP.

Structure: 07 SC 1266

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|------------------|----------|-----|
|---------------|----------|-------|-----|------------------|----------|-----|

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

Project: E2314244 Design: 15KV: DBSS TO ANCHORAGE SUB. OH/UG PH2

In Design

15KV: DBSS TO ANCHORAGE SUB. OH/UG PH.2

Grid:
1336,1338,1238,1236,1
237,1337

Structure: 07 SC 1266

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|--|----------|-----|
| 750 CONC 15KV | Install | 3 | 180 | 750 CONC 15KV (WIRE, AL JCN 750MCM EPR) | | |
| SHUR2-5 | Install | 1 | 10 | SHUR2-5 (PRIMARY TRENCH HAND -DIG) | | |
| SUM1F | Install | 0 | 1 | SUM1F (CONCRETE PAD 600 A SWITCH CAB.) | | |
| SUM3-9 | Install | 0 | 1 | SUM3-9 (600 A SC 2 FUSES 2 SWITCHES) | | |
| SUM5026H | Install | 1 | 180 | SUM5026H - Conduit ((2) 6" HDPE CONDUIT) | | |
| SUM6-25C 1 PH | Install | 0 | 1 | SUM6-25C (1/0 PRIMARY TERMINATION) | | |
| SUM6-25C 1 PH | Install | 0 | 1 | SUM6-25C (1/0 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) | | |
| SUM6-4EL | Install | 0 | 1 | 3-PH UG CURNT RESET FI, 600A TRIP | | |
| SUM6-4EL | Install | 0 | 1 | 3-PH UG CURNT RESET FI, 600A TRIP | | |
| SUME445F4 | Install | 0 | 1 | SUME445F4 (4" FG 45 48") | | |
| SUME645F5 | Install | 0 | 6 | SUME645F5 (6" FG 45 60") | | |
| SUR2-5 | Install | 1 | 170 | SUR2-5 (PRIMARY TRENCH) | | |
| SURCP | Install | 1 | 10 | SURCP (PARKING LOT CROSSING) | | |

Remarks: -(2)SUME645F5 ARE FOR HORIZONTAL CONDUIT ELBOWS NEAR POLE 0198.
 -(1)SUME445F4 IS FOR CONDUIT NORTH TO (09)PP 0702.
 -INSTALL F.I. IN COMP. 1 & 2.
 -FUSE TAP WEST AT 40E.

Structure: 08 PM 0798

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|--|----------|-----|
| 1/0 CONC | Install | 1 | 10 | 1/0 CONC Wire (1/0 CONCENTRIC PRIMARY) | | |
| SUG7-25 | Install | 0 | 1 | SUG7-25 (XFMR, PM, 25 KVA, 1 PH, LOOP) | | |
| SUM1 | Install | 0 | 1 | SUM1 (CONCRETE PAD 1 PH XFMR) | | |
| SUM5022H | Install | 1 | 10 | SUM5022H - Conduit ((2) 2" HDPE CONDUIT) | | |
| SUM6-1C 1 PH | Install | 0 | 1 | SUM6-1C (1/0 LB ELBOW TERMINATION-15KV) | | |
| SUM6-1C 1 PH | Install | 0 | 1 | SUM6-1C (1/0 LB ELBOW TERMINATION-15KV) | | |

Remarks: -10' IN COMMON TRENCH WITH SC 1266.

Structure: 08A HH 0399

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|------------------|----------|-------|-----|--|----------|-----|
| 2 RIBB Secondary | Install | 1 | 110 | #2 3-WIRE SECONDARY | | |
| SHUR2-5 | Install | 1 | 15 | SHUR2-5 (PRIMARY TRENCH HAND -DIG) | | |
| SUK6 | Install | 0 | 1 | SECONDARY GRADE BOX | | |
| SUM5012H | Install | 1 | 110 | SUM5012H - Conduit ((1) 2" HDPE CONDUIT) | | |
| SUME290S3 | Install | 0 | 1 | SUME290S3 (2" RSC 90 36") | | |

Remarks: -15' HAND DIG PROVIDED TO INTERCEPT BORE AND TRENCH TO HAND HOLE.
 -SUME290S3 ISSUED TO INTERCEPT BORE AND ROUTE TO HAND HOLE.
 -2" HDPE IN COMMON BORE WITH (07)SC 1266.

Structure: 08A1 STL 1

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|--------------------------------|----------|-----|
| 6/2 UF | Install | 1 | 5 | #6 DB 2 WIRE STREETLIGHT CNDCT | | |
| SL5AL | Install | 0 | 1 | LED STREET LIGHT, 150W HPS EQ | | |
| SUM5011.5H | Install | 1 | 5 | (1) 1.5" HDPE CONDUIT | | |
| SUR2-3 | Install | 1 | 5 | SUR2-3 (SECONDARY TRENCH) | | |

Remarks: -RETURN TO (08) PM 0798.

Structure: 08B HH 1299

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|------------------|----------|-------|-----|--|----------|-----|
| 2 RIBB Secondary | Install | 1 | 155 | #2 3-WIRE SECONDARY | | |
| SHUR2-5 | Install | 1 | 15 | SHUR2-5 (PRIMARY TRENCH HAND -DIG) | | |
| SUK6 | Install | 0 | 1 | SECONDARY GRADE BOX | | |
| SUM5012H | Install | 1 | 155 | SUM5012H - Conduit ((1) 2" HDPE CONDUIT) | | |
| SUME290S3 | Install | 0 | 2 | SUME290S3 (2" RSC 90 36") | | |

Remarks: -15' HAND DIG PROVIDED TO INTERCEPT BORE AND TRENCH TO HAND HOLE.
 -SUME290S3 ISSUED TO INTERCEPT BORE AND ROUTE TO HAND HOLE.
 -2" HDPE IN COMMON BORE WITH (12)V 2498.

Structure: 08B1 STL 2

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|--------------------------------|----------|-----|
| 6/2 UF | Install | 1 | 5 | #6 DB 2 WIRE STREETLIGHT CNDCT | | |
| SL5AL | Install | 0 | 1 | LED STREET LIGHT, 150W HPS EQ | | |
| SUM5011.5H | Install | 1 | 5 | (1) 1.5" HDPE CONDUIT | | |

Chugach Electric Association
 5601 Electron Drive
 Anchorage, AK 99518

Designer/Project Engineer _____ Date ____/____/____
 Checker _____ Date ____/____/____
 Manager/Supervisor _____ Date ____/____/____

Project: E2314244

Design: 15KV: DBSS TO ANCHORAGE SUB. OH/UG PH2

In Design

15KV: DBSS TO ANCHORAGE SUB. OH/UG PH.2

Grid:
1336,1338,1238,1236,1
237,1337

Structure: 08B1 STL 2

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|---------------------------|----------|-----|
| SUR2-3 | Install | 1 | 5 | SUR2-3 (SECONDARY TRENCH) | | |

Remarks:

Structure: 08C HH 1999

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|------------------|----------|-------|-----|--|----------|-----|
| 2 RIBB Secondary | Install | 1 | 215 | #2 3-WIRE SECONDARY | | |
| SHUR2-5 | Install | 1 | 15 | SHUR2-5 (PRIMARY TRENCH HAND -DIG) | | |
| SUK6 | Install | 0 | 1 | SECONDARY GRADE BOX | | |
| SUM5012H | Install | 1 | 215 | SUM5012H - Conduit ((1) 2" HDPE CONDUIT) | | |
| SUME290S3 | Install | 0 | 2 | SUME290S3 (2" RSC 90 36") | | |

Remarks: -15' HAND DIG PROVIDED TO INTERCEPT BORE AND TRENCH TO HAND HOLE.
-SUME290S3 ISSUED TO INTERCEPT BORE AND ROUTE TO HAND HOLE.
-2" HDPE IN COMMON BORE WITH (12)V 2498.

Structure: 08C1 STL 3

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|--------------------------------|----------|-----|
| 6/2 UF | Install | 1 | 5 | #6 DB 2 WIRE STREETLIGHT CNDCT | | |
| SL5AL | Install | 0 | 1 | LED STREET LIGHT, 150W HPS EQ | | |
| SUM5011.5H | Install | 1 | 5 | (1) 1.5" HDPE CONDUIT | | |
| SUR2-3 | Install | 1 | 5 | SUR2-3 (SECONDARY TRENCH) | | |

Remarks:

Structure: 08D HH 3199

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|------------------|----------|-------|-----|--|----------|-----|
| 2 RIBB Secondary | Install | 1 | 320 | #2 3-WIRE SECONDARY | | |
| SHUR2-5 | Install | 1 | 15 | SHUR2-5 (PRIMARY TRENCH HAND -DIG) | | |
| SUK6 | Install | 0 | 1 | SECONDARY GRADE BOX | | |
| SUM5012H | Install | 1 | 320 | SUM5012H - Conduit ((1) 2" HDPE CONDUIT) | | |
| SUME290S3 | Install | 0 | 2 | SUME290S3 (2" RSC 90 36") | | |

Remarks: -15' HAND DIG PROVIDED TO INTERCEPT BORE AND TRENCH TO HAND HOLE.
-SUME290S3 ISSUED TO INTERCEPT BORE AND ROUTE TO HAND HOLE.
-2" HDPE IN COMMON BORE WITH (13)SC 1269.

Structure: 08D1 STL 4

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|--------------------------------|----------|-----|
| 6/2 UF | Install | 1 | 5 | #6 DB 2 WIRE STREETLIGHT CNDCT | | |
| SL5AL | Install | 0 | 1 | LED STREET LIGHT, 150W HPS EQ | | |
| SUM5011.5H | Install | 1 | 5 | (1) 1.5" HDPE CONDUIT | | |
| SUR2-3 | Install | 1 | 5 | SUR2-3 (SECONDARY TRENCH) | | |

Remarks:

Structure: 08E HH 4399

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|------------------|----------|-------|-----|--|----------|-----|
| 2 RIBB Secondary | Install | 1 | 350 | #2 3-WIRE SECONDARY | | |
| SHUR2-5 | Install | 1 | 15 | SHUR2-5 (PRIMARY TRENCH HAND -DIG) | | |
| SUK6 | Install | 0 | 1 | SECONDARY GRADE BOX | | |
| SUM5012H | Install | 1 | 350 | SUM5012H - Conduit ((1) 2" HDPE CONDUIT) | | |
| SUME290S3 | Install | 0 | 2 | SUME290S3 (2" RSC 90 36") | | |

Remarks: -15' HAND DIG PROVIDED TO INTERCEPT BORE AND TRENCH TO HAND HOLE.
-SUME290S3 ISSUED TO INTERCEPT BORE AND ROUTE TO HAND HOLE.
-2" HDPE IN COMMON BORE WITH (13)SC 1269.

Structure: 08E1 STL 5

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|------------------------------------|----------|-----|
| 6 DPX | Install | 1 | 5 | 6 DPX Wire (STREETLIGHT CONDUCTOR) | | |
| 6/2 UF | Install | 1 | 5 | #6 DB 2 WIRE STREETLIGHT CNDCT | | |
| SL5AL | Install | 0 | 1 | LED STREET LIGHT, 150W HPS EQ | | |
| SUM5011.5H | Install | 1 | 5 | (1) 1.5" HDPE CONDUIT | | |
| SUR2-3 | Install | 1 | 5 | SUR2-3 (SECONDARY TRENCH) | | |

Remarks:

Structure: 08F HH 5799

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|------------------|----------|-------|-----|------------------------------------|----------|-----|
| 2 RIBB Secondary | Install | 1 | 370 | #2 3-WIRE SECONDARY | | |
| SHUR2-5 | Install | 1 | 15 | SHUR2-5 (PRIMARY TRENCH HAND -DIG) | | |

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

Project: E2314244 Design: 15KV: DBSS TO ANCHORAGE SUB. OH/UG PH2

In Design

15KV: DBSS TO ANCHORAGE SUB. OH/UG PH.2

Grid:
1336,1338,1238,1236,1
237,1337

Structure: 08F HH 5799

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|--|----------|-----|
| SUK6 | Install | 0 | 1 | SECONDARY GRADE BOX | | |
| SUM5012H | Install | 1 | 370 | SUM5012H - Conduit ((1) 2" HDPE CONDUIT) | | |
| SUME290S3 | Install | 0 | 2 | SUME290S3 (2" RSC 90 36") | | |

Remarks: -15' HAND DIG PROVIDED TO INTERCEPT BORE AND TRENCH TO HAND HOLE.
-SUME290S3 ISSUED TO INTERCEPT BORE AND ROUTE TO HAND HOLE.
-2" HDPE IN COMMON BORE WITH (14)V 6298.

Structure: 08F1 STL 6

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|--------------------------------|----------|-----|
| 6/2 UF | Install | 1 | 5 | #6 DB 2 WIRE STREETLIGHT CNDCT | | |
| SL5AL | Install | 0 | 1 | LED STREET LIGHT, 150W HPS EQ | | |
| SUM5011.5H | Install | 1 | 5 | (1) 1.5" HDPE CONDUIT | | |
| SUR2-3 | Install | 1 | 5 | SUR2-3 (SECONDARY TRENCH) | | |

Remarks:

Structure: 08G HH 6799

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|------------------|----------|-------|-----|--|----------|-----|
| 2 RIBB Secondary | Install | 1 | 270 | #2 3-WIRE SECONDARY | | |
| SHUR2-5 | Install | 1 | 15 | SHUR2-5 (PRIMARY TRENCH HAND -DIG) | | |
| SUK6 | Install | 0 | 1 | SECONDARY GRADE BOX | | |
| SUM5012H | Install | 1 | 270 | SUM5012H - Conduit ((1) 2" HDPE CONDUIT) | | |
| SUME290S3 | Install | 0 | 1 | SUME290S3 (2" RSC 90 36") | | |

Remarks: -15' HAND DIG PROVIDED TO INTERCEPT BORE AND TRENCH TO HAND HOLE.
-SUME290S3 ISSUED TO INTERCEPT BORE AND ROUTE TO HAND HOLE.
-2" HDPE IN COMMON BORE WITH (15)V 9498.

Structure: 08G1 STL 7

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|--------------------------------|----------|-----|
| 6/2 UF | Install | 1 | 5 | #6 DB 2 WIRE STREETLIGHT CNDCT | | |
| SL5AL | Install | 0 | 1 | LED STREET LIGHT, 150W HPS EQ | | |
| SUM5011.5H | Install | 1 | 5 | (1) 1.5" HDPE CONDUIT | | |
| SUR2-3 | Install | 1 | 5 | SUR2-3 (SECONDARY TRENCH) | | |

Remarks: -RETURN TO (07)SC 1266.

Structure: 09 PP 0702(SC-80)

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|--|----------|-----|
| 1/0 CONC | Install | 1 | 80 | 1/0 CONC Wire (1/0 CONCENTRIC PRIMARY) | | |
| BORE | Install | 1 | 50 | BORE | | |
| CLEAN CNDT | Install | 1 | 50 | CLEAN CNDT (MANDREL & SWAB) | | |
| RAISE PAD | Install | 0 | 1 | RAISE PAD (RAISE EXISTING PAD) | | |
| SHUR2-6 | Install | 1 | 20 | SHUR2-6 (HAND DIGGING DEEP TRENCH) | | |
| SUM1-CD | Install | 0 | 1 | SUM1-CD (SUM1 METAL PAD COVERING) | | |
| SUM5014P | Install | 1 | 10 | SUM5014P - Conduit ((1) 4" PVC CONDUIT) | | |
| SUM5014P | Install | 1 | 10 | SUM5014P - Conduit ((1) 4" PVC CONDUIT) | | |
| SUM5022H | Install | 1 | 80 | SUM5022H - Conduit ((2) 2" HDPE CONDUIT) | | |
| SUM6-28C 1 PH | Install | 0 | 1 | SUM6-28C (1/0 PRIMARY SPLICE-15KV) | | |
| SUM6-6 | Install | 0 | 1 | SUM6-6 (GROUNDING ASSY) | | |
| SUME490F3 | Install | 0 | 1 | SUME490F3 (4" FG 90 36") | | |
| SUM3E-1CB | Remove | 0 | 1 | 1 PH FUSED J-BOX - BAYONET PROTECTED | | |
| SUM6-1C 1 PH | Remove | 0 | 1 | SUM6-1C (1/0 LB ELBOW TERMINATION-15KV) | | |
| SUM6-1D 1 PH | Remove | 0 | 1 | SUM6-1D (4/0 LB ELBOW TERMINATION) | | |
| SUM6-1D 1 PH | Remove | 0 | 1 | SUM6-1D (4/0 LB ELBOW TERMINATION) | | |
| SUM6-4ES | Remove | 0 | 1 | 3-PH UG CURNT RESET FI, 200A TRIP 4/0 | | |
| SUME490F3 | Remove | 0 | 2 | SUME490F3 (4" FG 90 36") | | |
| SUM1 | Existing | 0 | 1 | SUM1 (CONCRETE PAD 1 PH XFMR) | | |
| SUM5014P | Existing | 1 | 50 | SUM5014P - Conduit ((1) 4" PVC CONDUIT) | | |

Remarks: -INTERCEPT EXISTING (1)4" PVC AND EXTEND CONDUIT INTO (07)SC 1266 AND (09)PP 0702.
-10' COMMON TRENCH TO SC 1266.

Structure: 09A T-8491

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|----------------------------|----------|-----|
| STAG-2 | Install | 0 | 1 | STAG-2 (PRIMARY CABLE TAG) | | |
| STAG-2 | Remove | 0 | 1 | STAG-2 (PRIMARY CABLE TAG) | | |

Remarks: -RETAG CONDUCTOR PREVIOUSLY TO SC-68, TO SC 1266 THRU PP 0702.

-RETURN TO (10)PP 0602.

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

Project: E2314244

Design: 15KV: DBSS TO ANCHORAGE SUB. OH/UG PH2

In Design

15KV: DBSS TO ANCHORAGE SUB. OH/UG PH.2

Grid:
1336,1338,1238,1236,1
237,1337

Structure: 10 PP 0602(SC-68)

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|---|----------|-----|
| RAISE PAD | Install | 0 | 1 | RAISE PAD (RAISE EXISTING PAD) | | |
| SUM1-CD | Install | 0 | 1 | SUM1-CD (SUM1 METAL PAD COVERING) | | |
| SUM6-28C 1 PH | Install | 0 | 1 | SUM6-28C (1/0 PRIMARY SPLICE-15KV) | | |
| SUM6-6 | Install | 0 | 1 | SUM6-6 (GROUNDING ASSY) | | |
| 4/0 SHLD 1 PH | Remove | 1 | 5 | 4/0 SHLD PRIMARY | | |
| SUM3E-1CB | Remove | 0 | 1 | 1 PH FUSED J-BOX - BAYONET PROTECTED | | |
| SUM6-1C 1 PH | Remove | 0 | 1 | SUM6-1C (1/0 LB ELBOW TERMINATION-15KV) | | |
| SUM6-1D 1 PH | Remove | 0 | 1 | SUM6-1D (4/0 LB ELBOW TERMINATION) | | |
| SUM6-1D 1 PH | Remove | 0 | 1 | SUM6-1D (4/0 LB ELBOW TERMINATION) | | |
| SUM6-4C | Remove | 0 | 1 | 1-PH UG ELECTRONIC FAULT INDICATOR | | |
| SUM1 | Existing | 0 | 1 | SUM1 (CONCRETE PAD 1 PH XFMR) | | |

Remarks:

Structure: 10A T-7129

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|----------------------------|----------|-----|
| STAG-2 | Install | 0 | 1 | STAG-2 (PRIMARY CABLE TAG) | | |
| STAG-2 | Remove | 0 | 1 | STAG-2 (PRIMARY CABLE TAG) | | |

Remarks: -RETAG CONDUCTOR PREVIOUSLY TO SC-68, TO POLE 0102 THRU PP 0602.

Structure: 11 P 0102

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|--|----------|-----|
| 1/0 CONC | Install | 1 | 170 | 1/0 CONC Wire (1/0 CONCENTRIC PRIMARY) | | |
| BORE | Install | 1 | 160 | BORE | | |
| M2-11 | Install | 0 | 1 | M2-11 (POLE GROUNDING ASSY) | | |
| SHUR2-5 | Install | 1 | 10 | SHUR2-5 (PRIMARY TRENCH HAND -DIG) | | |
| SM5-9B | Install | 0 | 1 | CUTOUT ASSEMBLY LOAD BREAK XRM MT | | |
| SUA2 | Install | 0 | 1 | SUA2 (PRI RISER ON 3 PH OH LINE) | | |
| SUM5012SR | Install | 0 | 1 | FIRST 10FT SPARE EMPTY 2" S RISER | | |
| SUM5022H | Install | 1 | 170 | SUM5022H - Conduit ((2) 2" HDPE CONDUIT) | | |
| SUM6-25C 1 PH | Install | 0 | 1 | SUM6-25C (1/0 PRIMARY TERMINATION) | | |
| SUME290S3 | Install | 0 | 2 | SUME290S3 (2" RSC 90 36") | | |
| SM5-9B 3 PH | Remove | 0 | 1 | CUTOUT ASSEMBLY LOAD BREAK XRM MT 3 PH | | |
| SUC1 | Remove | 0 | 1 | SUC1 (PRI RISER) | | |
| SUM6-25D 3 PH | Remove | 0 | 1 | SUM6-25D (4/0 PRIMARY TERMINATION) | | |
| SUME490F4 | Remove | 0 | 1 | SUME490F4 (4" FG 90 48") | | |
| 4/0 SHLD 3 PH | Abandon | 3 | 170 | 4/0 SHLD 3 PH PRIMARY | | |
| SUM5014P | Existing | 1 | 15 | SUM5014P - Conduit ((1) 4" PVC CONDUIT) | | |

Remarks: -RETAIN ALLEY CROSSARM TO UTILIZE FOR THE 1Ø TERMINATION.
-FUSE AT 40T.

-RETURN TO (07)SC 1266.

Structure: 12 V 2498

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|--|----------|-----|
| 750 CONC 15KV | Install | 3 | 445 | 750 CONC 15KV (WIRE, AL JCN 750MCM EPR) | | |
| BORE | Install | 1 | 445 | BORE | | |
| SUM5026H | Install | 1 | 445 | SUM5026H - Conduit ((2) 6" HDPE CONDUIT) | | |
| SUM6-28F 3 PH | Install | 0 | 1 | SUM6-28F (750 MCM PRIMARY SPLICE) | | |
| SUMV-1 | Install | 0 | 10 | CABLE RACK RAO8 & STANCHION | | |
| 4/0 SHLD 3 PH | Abandon | 3 | 510 | 4/0 SHLD 3 PH PRIMARY | | |
| SUMH-814 | Existing | 0 | 1 | Pull Vault - 8x14x8 | | |

Remarks: -510' OF 4/0 SHLD ABANDON INCLUDES THE 70' CROSSING 6TH AVE.

Structure: 13 SC 1269

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|--|----------|-----|
| 750 CONC 15KV | Install | 3 | 700 | 750 CONC 15KV (WIRE, AL JCN 750MCM EPR) | | |
| BORE | Install | 1 | 700 | BORE | | |
| SHUR2-5 | Install | 1 | 15 | SHUR2-5 (PRIMARY TRENCH HAND -DIG) | | |
| SUM1F | Install | 0 | 1 | SUM1F (CONCRETE PAD 600 A SWITCH CAB.) | | |
| SUM3-9 | Install | 0 | 1 | SUM3-9 (600 A SC 2 FUSES 2 SWITCHES) | | |
| SUM5014P | Install | 1 | 10 | SUM5014P - Conduit ((1) 4" PVC CONDUIT) | | |
| SUM5026H | Install | 1 | 700 | SUM5026H - Conduit ((2) 6" HDPE CONDUIT) | | |
| 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) | | |

Chugach Electric Association
5601 Electron Drive
Anchorage, AK 99518

Designer/Project Engineer _____ Date ____/____/____
Checker _____ Date ____/____/____
Manager/Supervisor _____ Date ____/____/____

Project: E2314244 Design: 15KV: DBSS TO ANCHORAGE SUB. OH/UG PH2

In Design

15KV: DBSS TO ANCHORAGE SUB. OH/UG PH.2

Grid:
1336,1338,1238,1236,1
237,1337

Structure: 13 SC 1269

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|---|----------|-----|
| 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 | | |
| SUME445F4 | Install | 0 | 3 | SUME445F4 (4" FG 45 48") | | |
| SUME645F5 | Install | 0 | 4 | SUME645F5 (6" FG 45 60") | | |
| 4/0 SHLD 3 PH | Abandon | 3 | 700 | 4/0 SHLD 3 PH PRIMARY | | |

Remarks: -HAND DIG PROVIDED TO EXPOSE EXISTING 4/0 SHLD NORTH TO T-5088 & T-8770. PULL BACK ENOUGH CONDUCTOR TO ROUTE INTO SC 1269. HAND DIG ALSO TO EXPOSE SPARE 4" ACROSS 6TH AVE AND EXTEND INTO SC 1269.
-INSTALL F.I. IN COMP. 2.
-FUSE COMP. 3, NORTH AT 125E.

Structure: 13A PM 5112

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|----------------------------|----------|-----|
| STAG-2 | Install | 0 | 1 | STAG-2 (PRIMARY CABLE TAG) | | |
| STAG-2 | Remove | 0 | 1 | STAG-2 (PRIMARY CABLE TAG) | | |

Remarks: -RETAG AØ SOUTH TO SC 1269.

Structure: 13B PM 7412

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|----------------------------|----------|-----|
| STAG-2 | Install | 0 | 1 | STAG-2 (PRIMARY CABLE TAG) | | |
| STAG-2 | Remove | 0 | 1 | STAG-2 (PRIMARY CABLE TAG) | | |

Remarks: -RETAG BØ & CØ SOUTH TO SC 1269.

Structure: 13C END CONDUIT

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|--|----------|-----|
| BORE | Install | 1 | 70 | BORE | | |
| SUM5024H | Install | 1 | 70 | SUM5024H - Conduit ((2) 4" HDPE CONDUIT) | | |

Remarks: -END CONDUIT A MINIMUM OF 5' INTO PROPERTY.
-INSTALL LOCATE DISK ABOVE CONDUIT END.
-RETURN TO (13)SC 1269.

Structure: 14 V 6298

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|--|----------|-----|
| 750 CONC 15KV | Install | 3 | 330 | 750 CONC 15KV (WIRE, AL JCN 750MCM EPR) | | |
| BORE | Install | 1 | 330 | BORE | | |
| SUM5026H | Install | 1 | 330 | SUM5026H - Conduit ((2) 6" HDPE CONDUIT) | | |
| SUM6-28F 3 PH | Install | 0 | 1 | SUM6-28F (750 MCM PRIMARY SPLICE) | | |
| SUMV-1 | Install | 0 | 10 | CABLE RACK RAO8 & STANCHION | | |
| SUMH-814 | Existing | 0 | 1 | Pull Vault - 8x14x8 | | |

Remarks:

Structure: 15 V 9498

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|--|----------|-----|
| 750 CONC 15KV | Install | 3 | 890 | 750 CONC 15KV (WIRE, AL JCN 750MCM EPR) | | |
| BORE | Install | 1 | 890 | BORE | | |
| SUM5026H | Install | 1 | 890 | SUM5026H - Conduit ((2) 6" HDPE CONDUIT) | | |
| SUM6-28F 3 PH | Install | 0 | 1 | SUM6-28F (750 MCM PRIMARY SPLICE) | | |
| SUMV-1 | Install | 0 | 10 | CABLE RACK RAO8 & STANCHION | | |
| SUMH-814 | Existing | 0 | 1 | Pull Vault - 8x14x8 | | |

Remarks:

Structure: 16 SC 1267

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|--|----------|-----|
| 750 CONC 15KV | Install | 3 | 140 | 750 CONC 15KV (WIRE, AL JCN 750MCM EPR) | | |
| BORE | Install | 1 | 100 | BORE | | |
| SUM1F | Install | 0 | 1 | SUM1F (CONCRETE PAD 600 A SWITCH CAB.) | | |
| SUM3-9 | Install | 0 | 1 | SUM3-9 (600 A SC 2 FUSES 2 SWITCHES) | | |
| SUM5026H | Install | 1 | 140 | SUM5026H - Conduit ((2) 6" HDPE CONDUIT) | | |
| 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) | | |
| SUM6-25F 3 PH | Install | 0 | 1 | SUM6-25F (750 MCM PRIMARY TERMINATION) | | |
| SUM6-4EL | Install | 0 | 1 | 3-PH UG CURNT RESET FI, 600A TRIP | | |

Chugach Electric Association
5601 Electron Drive
Anchorage, AK 99518

Designer/Project Engineer _____ Date ____/____/____
Checker _____ Date ____/____/____
Manager/Supervisor _____ Date ____/____/____

Project: E2314244 Design: 15KV: DBSS TO ANCHORAGE SUB. OH/UG PH2

In Design

15KV: DBSS TO ANCHORAGE SUB. OH/UG PH.2

Grid:
1336,1338,1238,1236,1
237,1337

Structure: 16 SC 1267

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|------------------------------|----------|-----|
| SUME445F4 | Install | 0 | 1 | SUME445F4 (4" FG 45 48") | | |
| SUME630F5 | Install | 0 | 2 | SUME630F5 (6" FG 30 60") | | |
| SUME645F5 | Install | 0 | 6 | SUME645F5 (6" FG 45 60") | | |
| SUR2-5 | Install | 1 | 40 | SUR2-5 (PRIMARY TRENCH) | | |
| SURCP | Install | 1 | 10 | SURCP (PARKING LOT CROSSING) | | |

Remarks: -SUME630F5 IS FOR THE HORIZONTAL BENDS ON THE WEST SIDE OF BONIFACE.
-COMPACTION ISSUED TO CROSS SIDEWALK.
-INSTALL F.I. IN COMP. 4.
-ESTABLISH NORMAL OPEN WEST TO SC 1269, COMP 2.

Structure: 17 P 0298

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|---|----------|-----|
| 3-TANGENT HOT | Install | 0 | 1 | 3-TANGENT HOT (3-TANGENT HOT) | | |
| 750 CONC 15KV | Install | 3 | 15 | 750 CONC 15KV (WIRE, AL JCN 750MCM EPR) | | |
| C1 | Install | 0 | 1 | C1 (XARM SINGLE SUPPORT) | | |
| HOT 3 INSERT | Install | 0 | 1 | HOT 3 INSERT (HOT 3 INSERT (TASK ORDER ONLY)) | | |
| POLE45/3 | Install | 0 | 1 | POLE45/3 (POLE, 045 CLASS 3) | | |
| SUC3 | Install | 0 | 1 | SUC3 (PRI RISER) | | |
| SUM5016FR | Install | 0 | 1 | FIRST 10FT SPARE EMPTY 6" FG RISER | | |
| SUM5026H | Install | 1 | 15 | SUM5026H - Conduit ((2) 6" HDPE CONDUIT) | | |
| SUM6-25F 3 PH | Install | 0 | 1 | SUM6-25F (750 MCM PRIMARY TERMINATION) | | |
| SUME690F5 | Install | 0 | 2 | SUME690F5 (6" FG 90 60") | | |
| SUR2-5 | Install | 1 | 15 | SUR2-5 (PRIMARY TRENCH) | | |

Remarks: -SET POLE 8' DEEP.
-WORK LOCATION (18)P 0184 IS TWO POLES SOUTH OF NEW POLE 0298.

Structure: 18 P 0184

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|--|----------|-----|
| 1/0 CONC | Existing | 1 | 30 | 1/0 CONC Wire (1/0 CONCENTRIC PRIMARY) | | |
| C1 | Existing | 0 | 1 | C1 (XARM SINGLE SUPPORT) | | |
| POLE45/3 | Existing | 0 | 1 | POLE45/3 (POLE, 045 CLASS 3) | | |
| SM5-9B | Existing | 0 | 1 | CUTOUT ASSEMBLY LOAD BREAK XRM MT | | |
| SUA2 | Existing | 0 | 1 | SUA2 (PRI RISER ON 3 PH OH LINE) | | |

Remarks: -RELOCATE TOP JUMPER OF CUTOUT FROM "C" PHASE TO "B" PHASE.
-WORK LOCATION (19)PM 3498. LOCATED ON SHEET 8, WEST OF TILLEX STREET.

Structure: 19 PM 3498

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|---|----------|-----|
| 1/0 CONC | Install | 1 | 10 | 1/0 CONC Wire (1/0 CONCENTRIC PRIMARY) | | |
| SHUR2-5 | Install | 1 | 10 | SHUR2-5 (PRIMARY TRENCH HAND -DIG) | | |
| SUM6-1C 1 PH | Install | 0 | 1 | SUM6-1C (1/0 LB ELBOW TERMINATION-15KV) | | |
| SUM6-1C 1 PH | Remove | 0 | 1 | SUM6-1C (1/0 LB ELBOW TERMINATION-15KV) | | |
| SUG7-25 | Existing | 0 | 1 | SUG7-25 (XFMR, PM, 25 KVA, 1 PH, LOOP) | | |
| SUM1 | Existing | 0 | 1 | SUM1 (CONCRETE PAD 1 PH XFMR) | | |

Remarks: -HAND DIG TO EXPOSE EXISTING #2 CONC CABLE ON EAST SIDE OF PM 3498 FROM POLE 3602 TO JB 3891. CUT AND TERMINATE TO PM 3498. A 1/0 SPLICE HAS BEEN PROVIDED IF UNABLE TO DIG BACK ENOUGH WIRE.

Structure: 20 P 3602

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|--|----------|-----|
| SM5-9B | Remove | 0 | 1 | CUTOUT ASSEMBLY LOAD BREAK XRM MT | | |
| SM5-9B | Remove | 0 | 1 | CUTOUT ASSEMBLY LOAD BREAK XRM MT | | |
| SUA4A | Remove | 0 | 1 | SUA4A (DOUBLE SINGLE PHASE ON 3 PH) | | |
| SUM6-25C 1 PH | Remove | 0 | 1 | SUM6-25C (1/0 PRIMARY TERMINATION) | | |
| SUM6-25C 1 PH | Remove | 0 | 1 | SUM6-25C (1/0 PRIMARY TERMINATION) | | |
| SUME290S3 | Remove | 0 | 2 | SUME290S3 (2" RSC 90 36") | | |
| 2 CONC 1 PH | Abandon | 1 | 60 | 2 CONC Wire 1 PH (#2 CONCENTRIC PRIMARY) | | |
| C9-2 | Existing | 0 | 1 | C9-2 (XARM DOUBLE LARGE CNDCTR) | | |
| POLE60/H1 | Existing | 0 | 1 | POLE60/H1 (POLE, 060 CLASS H1) | | |

Remarks:

Structure: 21 JB 3891

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|------------------------------------|----------|-----|
| SHUR2-5 | Install | 1 | 5 | SHUR2-5 (PRIMARY TRENCH HAND -DIG) | | |
| STAG-2 | Install | 0 | 1 | STAG-2 (PRIMARY CABLE TAG) | | |
| SUM6-10 | Install | 0 | 2 | SUM6-10 (200A BUSHING CAP) | | |
| SUM6-15 | Install | 0 | 2 | SUM6-15 (200A PARKING STAND) | | |

Chugach Electric Association
5601 Electron Drive
Anchorage, AK 99518

Designer/Project Engineer _____ Date ____/____/____
Checker _____ Date ____/____/____
Manager/Supervisor _____ Date ____/____/____

Project: E2314244 Design: 15KV: DBSS TO ANCHORAGE SUB. OH/UG PH2

In Design

15KV: DBSS TO ANCHORAGE SUB. OH/UG PH.2

Grid:
1336,1338,1238,1236,1
237,1337

Structure: 21 JB 3891

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|--|----------|-----|
| SUM6-28C 1 PH | Install | 0 | 1 | SUM6-28C (1/0 PRIMARY SPLICE-15KV) | | |
| STAG-2 | Remove | 0 | 1 | STAG-2 (PRIMARY CABLE TAG) | | |
| 2 CONC 1 PH | Abandon | 1 | 55 | 2 CONC Wire 1 PH (#2 CONCENTRIC PRIMARY) | | |
| 2 CONC 1 PH | Existing | 1 | 285 | 2 CONC Wire 1 PH (#2 CONCENTRIC PRIMARY) | | |
| SUM1C | Existing | 0 | 1 | SUM1C (CONCRETE PAD 1 PH JUNCTION BOX) | | |
| SUM3A | Existing | 0 | 1 | SUM3A (1 PH JUNCTION BOX) | | |

Remarks: -ESTABLISH NORMAL OPEN TO PM 3498.
-ESTABLISH NORMAL OPEN TO PM 4490.
-WORK LOCATION (21)JB 3891 IS LOCATED ON THE WEST SIDE OF TILLEX STREET, BETWEEN BREWSTER DRIVE AND WINSLOW DRIVE.

Structure: 22 JB 3569

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|------------------------------|----------|-----|
| SUM6-10 | Remove | 0 | 2 | SUM6-10 (200A BUSHING CAP) | | |
| SUM6-15 | Remove | 0 | 2 | SUM6-15 (200A PARKING STAND) | | |
| SUM3A | Existing | 0 | 1 | SUM3A (1 PH JUNCTION BOX) | | |

Remarks: -CHANGE NORMAL OPEN TO NORMAL CLOSED.
-WORK LOCATION (19)JB 3569 IS LOCATED ON THE WEST SIDE OF TILLEX STREET, BETWEEN PILGRIM DRIVE AND JOHN ALDEN DRIVE.

-RETURN TO LOCATION (16)SC 1267, SHEET 7.

Structure: 23 V 4499

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-------|--|----------|-----|
| 750 CONC 15KV | Install | 3 | 1,125 | 750 CONC 15KV (WIRE, AL JCN 750MCM EPR) | | |
| BORE | Install | 1 | 1,125 | BORE | | |
| SUM5012H | Install | 1 | 1,125 | SUM5012H - Conduit ((1) 2" HDPE CONDUIT) | | |
| SUM5014H | Install | 1 | 1,125 | SUM5014H - Conduit ((1) 4" HDPE CONDUIT) | | |
| SUM5026H | Install | 1 | 1,125 | SUM5026H - Conduit ((2) 6" HDPE CONDUIT) | | |
| SUM6-28F 3 PH | Install | 0 | 1 | SUM6-28F (750 MCM PRIMARY SPLICE) | | |
| SUMV-1 | Install | 0 | 10 | CABLE RACK RAO8 & STANCHION | | |
| SUMH-814 | Existing | 0 | 1 | Pull Vault - 8x14x8 | | |

Remarks: -FIELD BEND ALL HORIZONTAL TURNS.

Structure: 24 V 6498

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|--|----------|-----|
| 750 CONC 15KV | Install | 3 | 505 | 750 CONC 15KV (WIRE, AL JCN 750MCM EPR) | | |
| BORE | Install | 1 | 505 | BORE | | |
| SUM5026H | Install | 1 | 505 | SUM5026H - Conduit ((2) 6" HDPE CONDUIT) | | |
| SUM6-28F 3 PH | Install | 0 | 1 | SUM6-28F (750 MCM PRIMARY SPLICE) | | |
| SUMV-1 | Install | 0 | 10 | CABLE RACK RAO8 & STANCHION | | |
| SUMH-814 | Existing | 0 | 1 | Pull Vault - 8x14x8 | | |

Remarks:

Structure: 25 SC 1268

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|--|----------|-----|
| 750 CONC 15KV | Install | 3 | 95 | 750 CONC 15KV (WIRE, AL JCN 750MCM EPR) | | |
| BORE | Install | 1 | 95 | BORE | | |
| SUM1F | Install | 0 | 1 | SUM1F (CONCRETE PAD 600 A SWITCH CAB.) | | |
| SUM1-GPA | Install | 0 | 1 | SUM1-GPA (GUARD POST W/SLEEVE) | | |
| SUM1-GPA | Install | 0 | 1 | SUM1-GPA (GUARD POST W/SLEEVE) | | |
| SUM1-GPA | Install | 0 | 1 | SUM1-GPA (GUARD POST W/SLEEVE) | | |
| SUM3-9 | Install | 0 | 1 | SUM3-9 (600 A SC 2 FUSES 2 SWITCHES) | | |
| SUM5026H | Install | 1 | 95 | SUM5026H - Conduit ((2) 6" HDPE CONDUIT) | | |
| SUM6-25C 1 PH | Install | 0 | 1 | SUM6-25C (1/0 PRIMARY TERMINATION) | | |
| SUM6-25C 1 PH | Install | 0 | 1 | SUM6-25C (1/0 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) | | |
| SUM6-4EL | Install | 0 | 1 | 3-PH UG CURNT RESET FI, 600A TRIP | | |
| SUME645F5 | Install | 0 | 6 | SUME645F5 (6" FG 45 60") | | |

Remarks: -INSTALL BOLLARDS ON SOUTH & WEST SIDE OF SWITCH.
-INSTALL F.I. IN COMP. 2.
-FUSE 1Ø SOUTH TO (24)PM 6089 COMP. 3 AT 40E.
-FUSE 1Ø EAST TO (25)PM 7299 COMP. 3 AT 125E.

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

Project: E2314244

Design: 15KV: DBSS TO ANCHORAGE SUB. OH/UG PH2

In Design

15KV: DBSS TO ANCHORAGE SUB. OH/UG PH.2

Grid:
1336,1338,1238,1236,1
237,1337

Structure: 26 P 6699

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|-----------------------------------|----------|-----|
| M5-5 | Remove | 0 | 8 | M5-5 (CROSSARM PIN) | | |
| SM5-9B | Remove | 0 | 1 | CUTOUT ASSEMBLY LOAD BREAK XRM MT | | |
| SUA2 | Remove | 0 | 1 | SUA2 (PRI RISER ON 3 PH OH LINE) | | |
| SUM6-25A 1 PH | Remove | 0 | 1 | SUM6-25A (#2 PRIMARY TERMINATION) | | |
| SUME290S3 | Remove | 0 | 1 | SUME290S3 (2" RSC 90 36") | | |
| C8-1 | Existing | 0 | 1 | C8-1 (XARM DOUBLE DEADEND) | | |
| POLE65/H1 | Existing | 0 | 1 | POLE65/H1 (POLE, 065 CLASS H1) | | |

Remarks: -RETURN TO (25)SC 1268.

Structure: 27 PM 6089

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|--|----------|-----|
| 1/0 CONC | Install | 1 | 375 | 1/0 CONC Wire (1/0 CONCENTRIC PRIMARY) | | |
| BORE | Install | 1 | 300 | BORE | | |
| SUM5022H | Install | 1 | 375 | SUM5022H - Conduit ((2) 2" HDPE CONDUIT) | | |
| SUM6-1C 1 PH | Install | 0 | 1 | SUM6-1C (1/0 LB ELBOW TERMINATION-15KV) | | |
| SUM6-1A 1 PH | Remove | 0 | 1 | SUM6-1A (#2 LB ELBOW TERMINATION) | | |
| 2 CONC 1 PH | Abandon | 1 | 370 | 2 CONC Wire 1 PH (#2 CONCENTRIC PRIMARY) | | |
| SUG7-25 | Existing | 0 | 1 | SUG7-25 (XFMR, PM, 25 KVA, 1 PH, LOOP) | | |
| SUM1 | Existing | 0 | 1 | SUM1 (CONCRETE PAD 1 PH XFMR) | | |

Remarks: -75' COMMON BORE WITH (25)SC 1268.

Structure: 27A PED 6191(56)

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|--------------------|----------|-------|-----|---|----------|-----|
| 4/0 RIBB | Install | 1 | 75 | 4/0 3-WIRE SECONDARY | | |
| SHUR2-3 | Install | 1 | 10 | SHUR2-3 (SECONDARY TRENCH - HAND DIG) | | |
| SUK5 | Install | 0 | 1 | SUK5 (Secondary Assembly Underground Cable) | | |
| SUM5012H | Install | 1 | 75 | SUM5012H - Conduit ((1) 2" HDPE CONDUIT) | | |
| SUK5 | Remove | 0 | 1 | SUK5 (Secondary Assembly Underground Cable) | | |
| 4/0 RIBB Secondary | Abandon | 1 | 75 | 4/0 3-WIRE SECONDARY | | |

Remarks: -75' COMMON BORE WITH (27)PM 6089.

Structure: 27B PED 6396(55)

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|--------------------|----------|-------|-----|---|----------|-----|
| 4/0 RIBB | Install | 1 | 225 | 4/0 3-WIRE SECONDARY | | |
| SHUR2-3 | Install | 1 | 10 | SHUR2-3 (SECONDARY TRENCH - HAND DIG) | | |
| SUK5 | Install | 0 | 1 | SUK5 (Secondary Assembly Underground Cable) | | |
| SUM5012H | Install | 1 | 225 | SUM5012H - Conduit ((1) 2" HDPE CONDUIT) | | |
| SUK5 | Remove | 0 | 1 | SUK5 (Secondary Assembly Underground Cable) | | |
| 4/0 RIBB Secondary | Abandon | 1 | 225 | 4/0 3-WIRE SECONDARY | | |

Remarks: -225' COMMON BORE WITH (27)PM 6089.

-RETURN TO (25)SC 1268.

Structure: 28 PM 7299

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|--|----------|-----|
| 1/0 CONC | Install | 1 | 150 | 1/0 CONC Wire (1/0 CONCENTRIC PRIMARY) | | |
| BORE | Install | 1 | 150 | BORE | | |
| SUG7-25 | Install | 0 | 1 | SUG7-25 (XFMR, PM, 25 KVA, 1 PH, LOOP) | | |
| SUM1 | Install | 0 | 1 | SUM1 (CONCRETE PAD 1 PH XFMR) | | |
| SUM5012H | Install | 1 | 150 | SUM5012H - Conduit ((1) 2" HDPE CONDUIT) | | |
| SUM6-1C 1 PH | Install | 0 | 1 | SUM6-1C (1/0 LB ELBOW TERMINATION-15KV) | | |
| SUM6-1C 1 PH | Install | 0 | 1 | SUM6-1C (1/0 LB ELBOW TERMINATION-15KV) | | |

Remarks:

Structure: 28A PED 7399 (84)

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|--------------------|----------|-------|-----|---|----------|-----|
| 4/0 RIBB | Install | 1 | 10 | 4/0 3-WIRE SECONDARY | | |
| SHUR2-3 | Install | 1 | 10 | SHUR2-3 (SECONDARY TRENCH - HAND DIG) | | |
| SUK5 | Install | 0 | 1 | SUK5 (Secondary Assembly Underground Cable) | | |
| SUM5012H | Install | 1 | 10 | SUM5012H - Conduit ((1) 2" HDPE CONDUIT) | | |
| SUK5 | Remove | 0 | 1 | SUK5 (Secondary Assembly Underground Cable) | | |
| 4/0 RIBB Secondary | Abandon | 1 | 5 | 4/0 3-WIRE SECONDARY | | |

Remarks:

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

Project: E2314244

Design: 15KV: DBSS TO ANCHORAGE SUB. OH/UG PH2

In Design

15KV: DBSS TO ANCHORAGE SUB. OH/UG PH.2

Grid:
1336,1338,1238,1236,1
237,1337

Structure: 28B PED 5599

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|---|----------|-----|
| 4/0 RIBB | Install | 1 | 175 | 4/0 3-WIRE SECONDARY | | |
| BORE | Install | 1 | 175 | BORE | | |
| SUK5 | Install | 0 | 1 | SUK5 (Secondary Assembly Underground Cable) | | |
| SUM5012H | Install | 1 | 175 | SUM5012H - Conduit ((1) 2" HDPE CONDUIT) | | |
| SUK5 | Remove | 0 | 1 | SUK5 (Secondary Assembly Underground Cable) | | |

Remarks:

Structure: 28C P 273L6

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|--------------------|----------|-------|-----|---|----------|-----|
| SG39-25 | Remove | 0 | 1 | SG39-25 (XFMR, 1PH, 25 KVA, 3PH, TANGENT) | | |
| SUM5 | Remove | 0 | 1 | SUM5 (SECONDARY RISER) | | |
| 2/0 RIBB Secondary | Abandon | 1 | 170 | 2/0 3-WIRE SERVIE | | |

Remarks: -RETURN TO (28)PM 7299.

Structure: 29 PP 5501

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|--|----------|-----|
| 1/0 CONC | Install | 1 | 475 | 1/0 CONC Wire (1/0 CONCENTRIC PRIMARY) | | |
| BORE | Install | 1 | 325 | BORE | | |
| SUM1 | Install | 0 | 1 | SUM1 (CONCRETE PAD 1 PH XFMR) | | |
| SUM1-CD | Install | 0 | 1 | SUM1-CD (SUM1 METAL PAD COVERING) | | |
| SUM1-GPA | Install | 0 | 1 | SUM1-GPA (GUARD POST W/SLEEVE) | | |
| SUM1-GPA | Install | 0 | 1 | SUM1-GPA (GUARD POST W/SLEEVE) | | |
| SUM5022H | Install | 1 | 475 | SUM5022H - Conduit ((2) 2" HDPE CONDUIT) | | |
| SUM6-28C 1 PH | Install | 0 | 1 | SUM6-28C (1/0 PRIMARY SPLICE-15KV) | | |
| SUM6-6 | Install | 0 | 1 | SUM6-6 (GROUNDING ASSY) | | |

Remarks: -150' COMMON BORE WITH (28)PM 7299.

Structure: 30 P 5402

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-------|--|----------|-----|
| SM5-9PB | Remove | 0 | 1 | CUTOUT ASSEMBLY LOAD BREAK POLE MT | | |
| SUA2 | Remove | 0 | 1 | SUA2 (PRI RISER ON 3 PH OH LINE) | | |
| SUM6-25A 1 PH | Remove | 0 | 1 | SUM6-25A (#2 PRIMARY TERMINATION) | | |
| SUME290S3 | Remove | 0 | 1 | SUME290S3 (2" RSC 90 36") | | |
| 2 CONC 1 PH | Existing | 1 | 1,272 | 2 CONC Wire 1 PH (#2 CONCENTRIC PRIMARY) | | |
| C9-2 | Existing | 0 | 1 | C9-2 (XARM DOUBLE LARGE CNDCTR) | | |
| POLE60/H1 | Existing | 0 | 1 | POLE60/H1 (POLE, 060 CLASS H1) | | |

Remarks: -REMOVE #2 CONC ON POLE 5402 TO (31)JB 5145. ROUTE TO (29)PP 5501 AND SPLICE WITH NEW 1/0 CONC TO (28)PM 7299.

Structure: 31 JB 5145

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|----------------------------|----------|-----|
| STAG-2 | Install | 0 | 1 | STAG-2 (PRIMARY CABLE TAG) | | |
| STAG-2 | Remove | 0 | 1 | STAG-2 (PRIMARY CABLE TAG) | | |

Remarks: -RETAG CONDUCTOR PREVIOUSLY TO POLE 5402, TO PM 7299 THRU PP 5501.
-WORK LOCATION (31)JB 5145 IS LOCATED ON THE EAST SIDE OF NEWELL STREET BETWEEN GREENBRIAR AVE. AND HONEYSUCKLE AVE.

-RETURN TO (25)SC 1268.

Structure: 32 P 6999

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|--|----------|-----|
| 3-DEADEND HOT | Install | 0 | 1 | 3-DEADEND HOT (3-DEADEND HOT) | | |
| 750 CONC 15KV | Install | 3 | 60 | 750 CONC 15KV (WIRE, AL JCN 750MCM EPR) | | |
| SC7A-2 | Install | 0 | 1 | SC7A-2 (XARM SNGL 4-WIRE DEADEND) | | |
| SE14 | Install | 0 | 1 | SE14 (DOWN GUY, DBL. 25M) | | |
| SE14 | Install | 0 | 1 | SE14 (DOWN GUY, DBL. 25M) | | |
| SF4C | Install | 0 | 1 | SF4C (ANCHOR, 4' CONCRETE) | | |
| SF4C | Install | 0 | 1 | SF4C (ANCHOR, 4' CONCRETE) | | |
| SUC3 | Install | 0 | 1 | SUC3 (PRI RISER) | | |
| SUM5016FR | Install | 0 | 1 | FIRST 10FT SPARE EMPTY 6" FG RISER | | |
| SUM5026H | Install | 1 | 60 | SUM5026H - Conduit ((2) 6" HDPE CONDUIT) | | |
| SUM6-25F 3 PH | Install | 0 | 1 | SUM6-25F (750 MCM PRIMARY TERMINATION) | | |
| SUME690F5 | Install | 0 | 2 | SUME690F5 (6" FG 90 60") | | |
| POLE60/H1 | Existing | 0 | 1 | POLE60/H1 (POLE, 060 CLASS H1) | | |

Chugach Electric Association
5601 Electron Drive
Anchorage, AK 99518

Designer/Project Engineer _____ Date ____/____/____
Checker _____ Date ____/____/____
Manager/Supervisor _____ Date ____/____/____

Project: E2314244 Design: 15KV: DBSS TO ANCHORAGE SUB. OH/UG PH2

In Design

15KV: DBSS TO ANCHORAGE SUB. OH/UG PH.2

Grid:
1336,1338,1238,1236,1
237,1337

Remarks: -60' COMMON BORE WITH (28)PM 7299.
-POLE SET UNDER TRANSMISSION WORK ORDER E2320073.
-INSTALL ANCHORS AT 30' AND 35'.

-RETURN TO (25)SC 1268.

Structure: 33 END CONDUIT 2

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|--|----------|-----|
| SUM5012H | Install | 1 | 210 | SUM5012H - Conduit ((1) 2" HDPE CONDUIT) | | |
| SUM5026H | Install | 1 | 210 | SUM5026H - Conduit ((2) 6" HDPE CONDUIT) | | |
| SUR2-5 | Install | 1 | 10 | SUR2-5 (PRIMARY TRENCH) | | |

Remarks: -200' COMMON BORE WITH (28)PM 7299 & (28B)PED 5599.
-INSTALL LOCATE DISK ABOVE CONDUIT ENDS.

-RETURN TO (32)P 6999.

Structure: 34 REPEAT P 6699

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|------------------|----------|-------|-----|---------------------------------|----------|-----|
| 1/0 ACSR Neutral | Remove | 1 | 80 | 1/0 ACSR Neutral | | |
| 4/0 ACSR | Remove | 3 | 80 | 4/0 ACSR (OH PRIMARY CONDUCTOR) | | |
| C8-1 | Remove | 0 | 1 | C8-1 (XARM DOUBLE DEADEND) | | |
| M5-5 | Remove | 0 | 8 | M5-5 (CROSSARM PIN) | | |
| POLE65/H1 | Existing | 0 | 1 | POLE65/H1 (POLE, 065 CLASS H1) | | |

Remarks:

Structure: 35 REPEAT P 5402

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|------------------|----------|-------|-----|---------------------------------|----------|-----|
| 1/0 ACSR Neutral | Remove | 1 | 280 | 1/0 ACSR Neutral | | |
| 4/0 ACSR | Remove | 3 | 280 | 4/0 ACSR (OH PRIMARY CONDUCTOR) | | |
| C9-2 | Remove | 0 | 1 | C9-2 (XARM DOUBLE LARGE CNDCTR) | | |
| POLE60/H1 | Existing | 0 | 1 | POLE60/H1 (POLE, 060 CLASS H1) | | |

Remarks:

Structure: 36 P 4502

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|------------------|----------|-------|-----|---------------------------------|----------|-----|
| 1/0 ACSR Neutral | Remove | 1 | 280 | 1/0 ACSR Neutral | | |
| 4/0 ACSR | Remove | 3 | 280 | 4/0 ACSR (OH PRIMARY CONDUCTOR) | | |
| C8-1 | Remove | 0 | 1 | C8-1 (XARM DOUBLE DEADEND) | | |
| M5-5 | Remove | 0 | 8 | M5-5 (CROSSARM PIN) | | |
| POLE60/H1 | Existing | 0 | 1 | POLE60/H1 (POLE, 060 CLASS H1) | | |

Remarks:

Structure: 37 REPEAT P 3602

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|------------------|----------|-------|-----|---------------------------------|----------|-----|
| 1/0 ACSR Neutral | Remove | 1 | 250 | 1/0 ACSR Neutral | | |
| 4/0 ACSR | Remove | 3 | 250 | 4/0 ACSR (OH PRIMARY CONDUCTOR) | | |
| C9-2 | Remove | 0 | 1 | C9-2 (XARM DOUBLE LARGE CNDCTR) | | |
| POLE60/H1 | Existing | 0 | 1 | POLE60/H1 (POLE, 060 CLASS H1) | | |

Remarks:

Structure: 38 P 2702

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|------------------|----------|-------|-----|---------------------------------|----------|-----|
| 1/0 ACSR Neutral | Remove | 1 | 210 | 1/0 ACSR Neutral | | |
| 4/0 ACSR | Remove | 3 | 210 | 4/0 ACSR (OH PRIMARY CONDUCTOR) | | |
| C9-2 | Remove | 0 | 1 | C9-2 (XARM DOUBLE LARGE CNDCTR) | | |
| POLE60/H1 | Existing | 0 | 1 | POLE60/H1 (POLE, 060 CLASS H1) | | |

Remarks:

Structure: 39 P 1802

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|------------------|----------|-------|-----|---------------------------------|----------|-----|
| 1/0 ACSR Neutral | Remove | 1 | 240 | 1/0 ACSR Neutral | | |
| 4/0 ACSR | Remove | 3 | 240 | 4/0 ACSR (OH PRIMARY CONDUCTOR) | | |
| C9-2 | Remove | 0 | 1 | C9-2 (XARM DOUBLE LARGE CNDCTR) | | |
| POLE60/H1 | Existing | 0 | 1 | POLE60/H1 (POLE, 060 CLASS H1) | | |

Remarks:

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

Project: E2314244

Design: 15KV: DBSS TO ANCHORAGE SUB. OH/UG PH2

In Design

15KV: DBSS TO ANCHORAGE SUB. OH/UG PH.2

Grid:
1336,1338,1238,1236,1
237,1337

Structure: 40 P 1002

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|------------------|----------|-------|-----|---------------------------------|----------|-----|
| 1/0 ACSR Neutral | Remove | 1 | 225 | 1/0 ACSR Neutral | | |
| 4/0 ACSR | Remove | 3 | 225 | 4/0 ACSR (OH PRIMARY CONDUCTOR) | | |
| C9-2 | Remove | 0 | 1 | C9-2 (XARM DOUBLE LARGE CNDCTR) | | |
| POLE60/H1 | Existing | 0 | 1 | POLE60/H1 (POLE, 060 CLASS H1) | | |

Remarks:

Structure: 41 P 0502

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|------------------|----------|-------|-----|---------------------------------|----------|-----|
| 1/0 ACSR Neutral | Remove | 1 | 160 | 1/0 ACSR Neutral | | |
| 4/0 ACSR | Remove | 3 | 160 | 4/0 ACSR (OH PRIMARY CONDUCTOR) | | |
| C8-1 | Remove | 0 | 1 | C8-1 (XARM DOUBLE DEADEND) | | |
| M5-5 | Remove | 0 | 8 | M5-5 (CROSSARM PIN) | | |
| POLE45/1 | Remove | 0 | 1 | POLE45/1 (POLE, 045 CLASS 1) | | |
| SE15 | Remove | 0 | 1 | SE15 (DOWN GUY, DBL. 32M) | | |
| SF7C | Remove | 0 | 1 | SF7C (ANCHOR, 7' CONCRETE) | | |

Remarks: -POLE SHALL BE TOPPED 1' ABOVE THE HIGHEST COMMUNICATIONS ATTACHMENT.

Structure: 42 P 0301

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|------------------|----------|-------|-----|---------------------------------|----------|-----|
| 1/0 ACSR Neutral | Remove | 1 | 60 | 1/0 ACSR Neutral | | |
| 4/0 ACSR | Remove | 3 | 60 | 4/0 ACSR (OH PRIMARY CONDUCTOR) | | |
| M5-21 | Remove | 0 | 1 | M5-21 (EXTENSION LINK) | | |
| M5-5 | Remove | 0 | 2 | M5-5 (CROSSARM PIN) | | |
| SC7 | Remove | 0 | 1 | SC7 (XARM SINGLE DEADEND) | | |
| POLE65/H1 | Existing | 0 | 1 | POLE65/H1 (POLE, 065 CLASS H1) | | |

Remarks:

Structure: 43 T263

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|---|----------|-----|
| J10 | Remove | 0 | 1 | J10 (SECONDARY ASSY.) | | |
| SL5-AAL | Remove | 0 | 1 | LED WOOD POLE STREET LIGHT, 150W HPS EQ | | |

Remarks: -WORK LOCATION (43) T263 IS LOCATED AT THE SOUTHEAST END OF E.6TH AND IZEMBECK CIRCLE.

Structure: 44 T262

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|-----------------------------|----------|-----|
| 6 TPX | Remove | 1 | 300 | #6 TPX OH SERVICE CONDUCTOR | | |
| J10 | Remove | 0 | 1 | J10 (SECONDARY ASSY.) | | |

Remarks:

Structure: 45 261(49A)

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|---|----------|-----|
| 6 TPX | Remove | 1 | 320 | #6 TPX OH SERVICE CONDUCTOR | | |
| J11 | Remove | 0 | 1 | J11 (SECONDARY DEADEND) | | |
| J11 | Remove | 0 | 1 | J11 (SECONDARY DEADEND) | | |
| SL5-AAL | Remove | 0 | 1 | LED WOOD POLE STREET LIGHT, 150W HPS EQ | | |

Remarks:

Structure: 46 T260(39A)

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|---|----------|-----|
| 6 TPX | Remove | 1 | 330 | #6 TPX OH SERVICE CONDUCTOR | | |
| J10 | Remove | 0 | 1 | J10 (SECONDARY ASSY.) | | |
| SL5-AAL | Remove | 0 | 1 | LED WOOD POLE STREET LIGHT, 150W HPS EQ | | |

Remarks:

Structure: 47 T259(29A)

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|---|----------|-----|
| 6 TPX | Remove | 1 | 300 | #6 TPX OH SERVICE CONDUCTOR | | |
| J10 | Remove | 0 | 1 | J10 (SECONDARY ASSY.) | | |
| SL5-AAL | Remove | 0 | 1 | LED WOOD POLE STREET LIGHT, 150W HPS EQ | | |

Remarks:

Chugach Electric Association
5601 Electron Drive
Anchorage, AK 99518

Designer/Project Engineer _____ Date ____/____/____
Checker _____ Date ____/____/____
Manager/Supervisor _____ Date ____/____/____

Project: E2314244 Design: 15KV: DBSS TO ANCHORAGE SUB. OH/UG PH2

In Design

15KV: DBSS TO ANCHORAGE SUB. OH/UG PH.2

Grid:
1336,1338,1238,1236,1
237,1337

Structure: 47A STL 8

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|------------------------------------|----------|-----|
| 6 DPX | Remove | 1 | 45 | 6 DPX Wire (STREETLIGHT CONDUCTOR) | | |
| SL5AL | Remove | 0 | 1 | LED STREET LIGHT, 150W HPS EQ | | |

Remarks:

Structure: 47B PED 21A

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|--------------------------------|----------|-----|
| 6/2 UF | Abandon | 1 | 175 | #6 DB 2 WIRE STREETLIGHT CNDCT | | |

Remarks:

Structure: 48 T258(19C)

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|------------------------------|----------|-----|
| 6 TPX | Remove | 1 | 325 | #6 TPX OH SERVICE CONDUCTOR | | |
| J8 | Remove | 0 | 1 | J8 (SECONDARY ASSY. TANGENT) | | |

Remarks:

Structure: 49 T257A(19B)

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|---|----------|-----|
| 6 TPX | Remove | 1 | 105 | #6 TPX OH SERVICE CONDUCTOR | | |
| J11 | Remove | 0 | 1 | J11 (SECONDARY DEADEND) | | |
| J11 | Remove | 0 | 1 | J11 (SECONDARY DEADEND) | | |
| SL5-AAL | Remove | 0 | 1 | LED WOOD POLE STREET LIGHT, 150W HPS EQ | | |

Remarks:

Structure: 50 REPEAT P 0102

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|---------------|----------|-------|-----|---------------------------------------|----------|-----|
| 6 TPX | Remove | 1 | 75 | #6 TPX OH SERVICE CONDUCTOR | | |
| A7-1 | Remove | 0 | 1 | A7-1 (XARM SINGLE DEADEND) | | |
| J11 | Remove | 0 | 1 | J11 (SECONDARY DEADEND) | | |
| SE1-4 | Remove | 0 | 1 | SE1-4 (DOWN GUY, SINGLE, 12.5M) | | |
| SEM-I42 | Remove | 0 | 1 | SEM-I42 (GUY STRAIN INSULATOR-54") | | |
| SM5-9B | Remove | 0 | 1 | CUTOUT ASSEMBLY LOAD BREAK XRM MT | | |
| SF4P | Abandon | 0 | 1 | SF4P (ANCHOR,PLATE,16M, 3/4" X 8' RO) | | |

Remarks:

Structure: 51 P 9501(91B)

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|----------------|----------|-------|-----|------------------------------------|----------|-----|
| 4 ACSR 1 PH | Remove | 1 | 160 | 4 ACSR 1 PH (OH PRIMARY CONDUCTOR) | | |
| 4 ACSR Neutral | Remove | 1 | 160 | 4 ACSR Neutral | | |
| A9-1 | Remove | 0 | 1 | A9-1 (SINGLE XARM) | | |
| POLE40/4 | Remove | 0 | 1 | POLE40/4 (POLE, 040 CLASS 4) | | |

Remarks: -POLE SHALL BE TOPPED 1' ABOVE THE STREETLIGHT ATTACHMENT.

Structure: 52 REPEA P 8901(91A)

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|----------------|----------|-------|-----|---------------------------------------|----------|-----|
| 4 ACSR 1 PH | Remove | 1 | 160 | 4 ACSR 1 PH (OH PRIMARY CONDUCTOR) | | |
| 4 ACSR Neutral | Remove | 1 | 160 | 4 ACSR Neutral | | |
| A8 | Remove | 0 | 1 | A8 (XARM DOUBLE DEADEND) | | |
| M2-11 | Remove | 0 | 1 | M2-11 (POLE GROUNDING ASSY) | | |
| M5-5 | Remove | 0 | 4 | M5-5 (CROSSARM PIN) | | |
| POLE40/4 | Remove | 0 | 1 | POLE40/4 (POLE, 040 CLASS 4) | | |
| SG9-50 | Remove | 0 | 1 | SG9-50 (XFMR,1PH,50 KVA,1PH, TANGENT) | | |

Remarks: -POLE SHALL BE TOPPED 1' ABOVE THE STREETLIGHT ATTACHMENT.
-OPEN WIRE IS RETIRED UNDER WORK LOCATION (04B) P 9501.

Structure: 53 REPEAT P 81C

| Assembly Unit | Activity | #Cond | Qty | Unit Description | Complete | Qty |
|-----------------|----------|-------|-----|------------------------------------|----------|-----|
| 4 ACSR 1 PH | Remove | 1 | 155 | 4 ACSR 1 PH (OH PRIMARY CONDUCTOR) | | |
| 4 ACSR Neutral | Remove | 1 | 155 | 4 ACSR Neutral | | |
| 4 TPX Secondary | Remove | 1 | 155 | 4 TPX OH SERVICE CONDUCTOR | | |
| A8 | Remove | 0 | 1 | A8 (XARM DOUBLE DEADEND) | | |
| J11 | Remove | 0 | 1 | J11 (SECONDARY DEADEND) | | |
| J11 | Remove | 0 | 1 | J11 (SECONDARY DEADEND) | | |
| J11 | Remove | 0 | 1 | J11 (SECONDARY DEADEND) | | |

Chugach Electric Association
5601 Electron Drive
Anchorage, AK 99518

Designer/Project Engineer _____ Date ____/____/____
Checker _____ Date ____/____/____
Manager/Supervisor _____ Date ____/____/____

Project: E2314244 Design: 15KV: DBSS TO ANCHORAGE SUB. OH/UG PH2

In Design

15KV: DBSS TO ANCHORAGE SUB. OH/UG PH.2

Grid:
1336,1338,1238,1236,1
237,1337

Structure: 53 REPEAT P 81C

| <u>Assembly Unit</u> | <u>Activity</u> | <u>#Cond</u> | <u>Qty</u> | <u>Unit Description</u> | <u>Complete</u> | <u>Qty</u> |
|----------------------|-----------------|--------------|------------|-------------------------|-----------------|------------|
| J11 | Remove | 0 | 1 | J11 (SECONDARY DEADEND) | | |
| M5-5 | Remove | 0 | 2 | M5-5 (CROSSARM PIN) | | |

Remarks: -POLE SHALL BE TOPPED 1' ABOVE THE HIGHEST COMMUNICATIONS ATTACHMENT.
-#4TPX USED TO REPRESENT #4 OPEN WIRE SECONDARY.

Structure: 54 REPEA P 7702(71C)

| <u>Assembly Unit</u> | <u>Activity</u> | <u>#Cond</u> | <u>Qty</u> | <u>Unit Description</u> | <u>Complete</u> | <u>Qty</u> |
|----------------------|-----------------|--------------|------------|---------------------------------------|-----------------|------------|
| 4 ACSR 1 PH | Remove | 1 | 170 | 4 ACSR 1 PH (OH PRIMARY CONDUCTOR) | | |
| 4 ACSR Neutral | Remove | 1 | 170 | 4 ACSR Neutral | | |
| 4 TPX Secondary | Remove | 1 | 170 | 4 TPX OH SERVICE CONDUCTOR | | |
| A7 | Remove | 0 | 1 | A7 (XARM SINGLE DEADEND) | | |
| M5-5 | Remove | 0 | 1 | M5-5 (CROSSARM PIN) | | |
| SE1-4 | Remove | 0 | 1 | SE1-4 (DOWN GUY, SINGLE, 12.5M) | | |
| SF4P | Abandon | 0 | 1 | SF4P (ANCHOR,PLATE,16M, 3/4" X 8' RO) | | |

Remarks: -#4TPX USED TO REPRESENT #4 OPEN WIRE SECONDARY.

Manufacturer:

Model:

PMH-9 600A

SC 1266

Serial Number: _____

Revised Date: _____

Manufactured Date: _____

TO:

Revised WO/JO: _____

Notes:

DIRECTION
(Reference to North)

CONDUCTOR

VACANT

VACANT

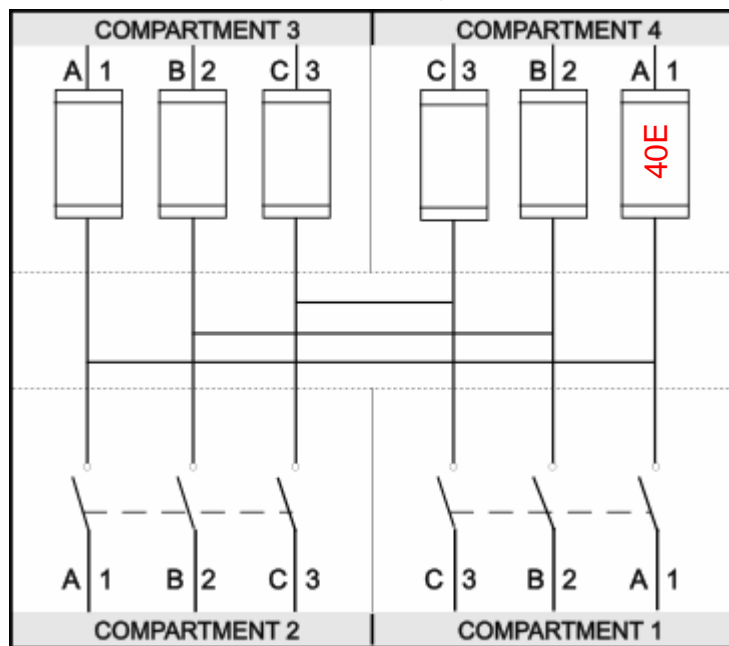
VACANT

VACANT

VACANT

1/0 CONC W. TO PM 0798

N ←



Switch #: 15215
Status: CLOSED

Switch #: 15214
Status: CLOSED

TO:

CONDUCTOR

750 CONC E TO SC 1269,
COMP 1 (VIA V2498)

750 CONC E TO SC 1269,
COMP 1 (VIA V2498)

750 CONC E TO SC 1269,
COMP 1 (VIA V2498)

750 CONC W. TO POLE 0198

750 CONC W. TO POLE 0198

750 CONC W. TO POLE 0198

Fuse Holder Type:

SML20

Spare Fuse Holder
Installed:

NO

Fault Indicators Installed In
Compartments:

1,2



LOCATION

SOUTH SIDE OF E. 6TH AVE

BETWEEN PINE AND MELLOW.

Grid Map Location No.: 1337 - 0899

Inspected by: _____

Install Date: _____

Install Work
Order ID: E2314244

Feeder: SF15F5

Manufacturer:

Model:

PMH-11 600A

SC 1267

Serial Number:

Manufactured Date:

Notes:

TO:

CONDUCTOR

VACANT

VACANT

VACANT

750 CONC EAST TO P 0298

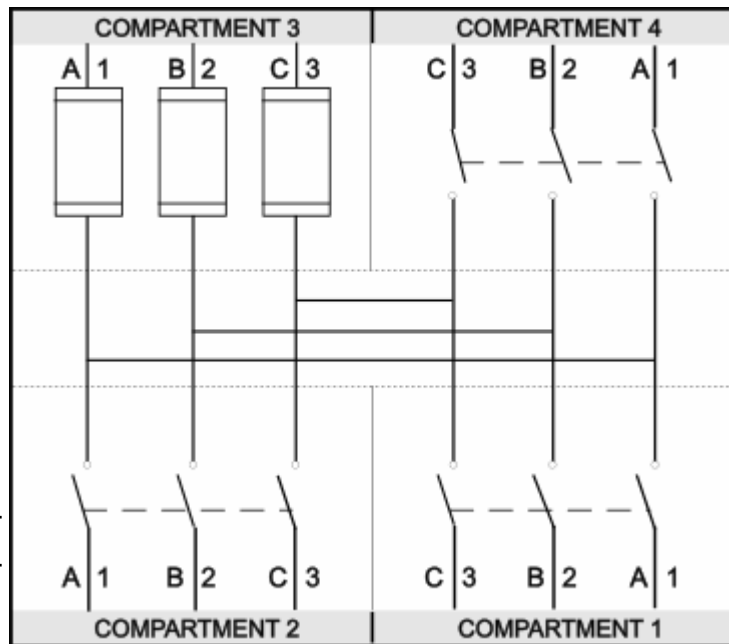
750 CONC EAST TO P 0298

750 CONC EAST TO P 0298

Revised Date:

Revised WO/JO:

DIRECTION
(Reference to North)



Switch #: 15217
Status: OPEN

Switch #: 15218
Status: CLOSED

Switch #: 15216
Status: CLOSED

Fault Indicators Installed In Compartments:

4

TO:

CONDUCTOR

750 CONC WEST TO SC 1269, COMP. 2 (VIA V9498, V6298) S15F5

750 CONC WEST TO SC 1269, COMP. 2 (VIA V9498, V6298) S15F5

750 CONC WEST TO SC 1269, COMP. 2 (VIA V9498, V6298) S15F5

750 CONC EAST TO SC 1268, COMP. 2 (VIA V4499, V6498)

750 CONC EAST TO SC 1268, COMP. 2 (VIA V4499, V6498)

750 CONC EAST TO SC 1268, COMP. 2 (VIA V4499, V6498)

Fuse Holder Type:

SML20

Spare Fuse Holder Installed:

NO



LOCATION

S.E. CORNER OF BONIFACE AND EAST 6TH AVE.

Grid Map Location No.: 1338 - 0298

Inspected by:

Install Date:

Install Work Order ID: E2314244

Feeder:

DBSS 132

Manufacturer:

Model:

PM-9, 600A

SC 1268

Serial Number:

Revised Date:

Manufactured Date:

Revised WO/JO:

Notes:

DIRECTION
(Reference to North)



CONDUCTOR TO:

1/0 CONC E. TO PM 7299

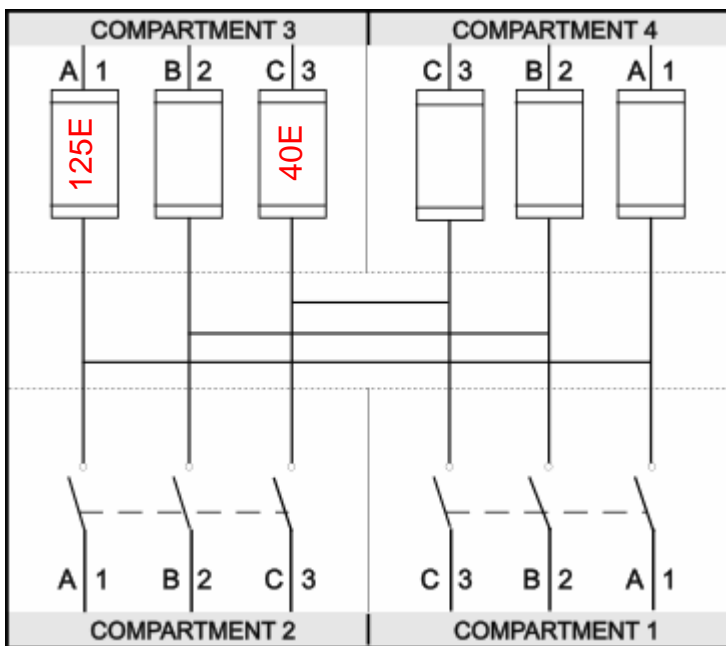
VACANT

#1/0 CONC SOUTH TO PM 6089

VACANT

VACANT

VACANT



Switch #: 15220

Status: CLOSED

Switch #: 15219

Status: CLOSED

Fault Indicators Installed In Compartments: 2

CONDUCTOR TO:

750 CONC WEST TO SC 1267, COMP. 1 (VIA V6498, V4499)

750 CONC WEST TO SC 1267, COMP. 1 (VIA V6498, V4499)

750 CONC WEST TO SC 1267, COMP. 1 (VIA V6498, V4499)

750 CONC EAST TO P 6999

750 CONC EAST TO P 6999

750 CONC EAST TO P 6999

Fuse Holder Type:

SML20

Spare Fuse Holder Installed:

NO



LOCATION

NW. OF LOT 1, BLOCK 10

Inspected by:

Install Date:

Install Work Order ID:

E2314244

Feeder:

DBSS 132

Grid Map Location No.:

6799 - 1338

Manufacturer:

Model:

PMH-9 600A

SC 1269

Serial Number: _____

Revised Date: _____

Manufactured Date: _____

Revised WO/JO: _____

Notes:

DIRECTION
(Reference to North)



CONDUCTOR TO:

4/0 SHLD N/E TO T-5088

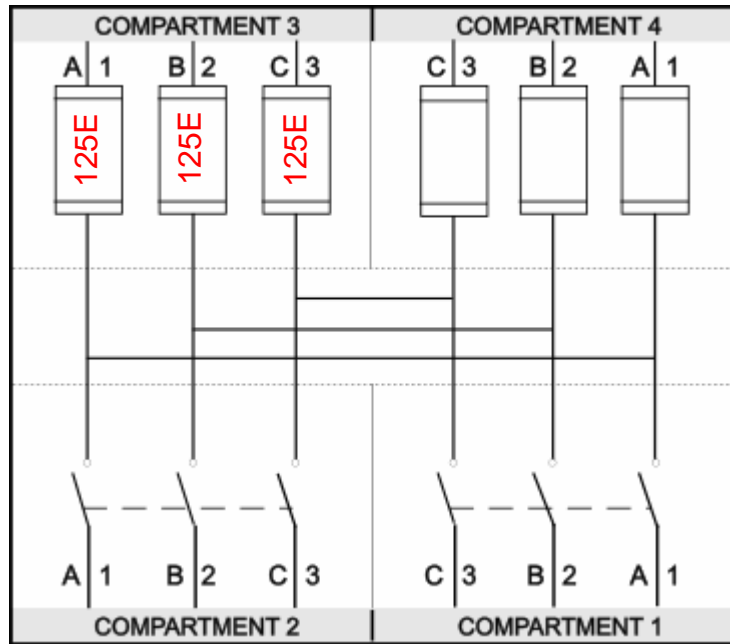
4/0 SHLD N/E TO T-8770

4/0 SHLD N/E TO T-8770

VACANT

VACANT

VACANT



Switch #: 15224
Status: CLOSED

Switch #: 15223
Status: CLOSED

CONDUCTOR TO:

750 CONC E TO SC 1267,
COMP 2 (VIA V6298, V9498)

750 CONC E TO SC 1267,
COMP 2 (VIA V6298, V9498)

750 CONC E TO SC 1267,
COMP 2 (VIA V6298, V9498)

750 CONC W. TO SC 1266,
COMP 2 (VIA V2498)

750 CONC W. TO SC 1266,
COMP 2 (VIA V2498)

750 CONC W. TO SC 1266,
COMP 2 (VIA V2498)

Fault Indicators Installed In
Compartments:

2

Fuse Holder Type:

SML20

Spare Fuse Holder
Installed:

NO



LOCATION

SW CORNER OF 6 AVE AND

SAINT LAZARIA CIR.

Grid Map Location No.: 1237-5198

Inspected by: _____

Install Date: _____

Install Work
Order ID: E2314244

Feeder: SF15F5

Project : E2314244

15KV: DBSS TO ANCHORAGE SUB. OH/UG PH.2

In Design

Work Request: E2314244

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

Design : 15KV: DBSS TO
 ANCHORAGE
 SUB. OH/UG PH2

| <u>Description</u> | <u>Part Number</u> | <u>Quantity</u> | <u>Order</u> | <u>Issued</u> |
|---|--------------------|-----------------|--------------|---------------|
| Inventory | | | | |
| ANCHOR, CONCRETE 4FT (FAI-4X) | 000000052 | 2 | | |
| ARRESTER, SURGE 09KV | 000000103 | 9 | | |
| BOLT, DA (5) 7/8X36 | 000000230 | 3 | | |
| POLE, BRACE CROSSARM 28" WOOD | 000000314 | 4 | | |
| POLE, BRACE CROSSARM 60" WOOD | 000000315 | 2 | | |
| FASTENER, BRACKET CONDUIT STANDOFF | 000000322 | 12 | | |
| FASTENER, BRACKET CONDUIT STANDOFF W/BRACE | 000000323 | 4 | | |
| WIRE, AL JCN 15KV #4/0 | 000000343 | 115 | | |
| WIRE, AL JCN 15KV 750MCM EPR | 000000346 | 16,406 | | |
| WIRE, AL JCN 15KV #1/0 | 000000352 | 2,608 | | |
| WIRE, AL URD SERVICE #006-2 (SL)(CLAFLIN) | 000000367 | 660 | | |
| WIRE, AL URD SVC #4/0 2/0 4/0(SWEETBRIAR) | 000000368 | 674 | | |
| WIRE, AL URD SERVICE #2 2 2 (RAMAPO) | 000000372 | 2,214 | | |
| WIRE, CU SDB #0006 SOL | 000000374 | 265 | | |
| WIRE, CU SDB #004 STR | 000000375 | 60 | | |
| WIRE, CU SDB #02 STR | 000000376 | 75 | | |
| WIRE, CU SDB #4/0 STR (19 STR.) | 000000378 | 290 | | |
| DEAD-END, AUTO 12.5M/16M ALUMOWELD (7#87#9) | 000000817 | 4 | | |
| DEAD-END, DE AUTO CLEVIS ACSR #1/0 | 000000825 | 1 | | |
| DEAD-END, DE AUTO CLEVIS ACSR #4/0 | 000000826 | 3 | | |
| DEAD-END, PREFORM 12.5M ALUMOWELD (7#9) | 000000873 | 4 | | |
| DEAD-END, D.E. SVC WEDGE 04-1/0 | 000000878 | 1 | | |
| CLEVIS, SWINGING 3" | 000000950 | 1 | | |
| CLEVIS, BROAD BASE | 000000951 | 1 | | |
| CLEVIS, THIMBLE 3/4" 40K | 000000954 | 2 | | |
| ANCHOR, SHACKLE 3/4" | 000000956 | 1 | | |
| ANCHOR, SHACKLE 7/8" | 000000958 | 2 | | |
| WIRE, AL SVC 2/C #0006 SHEPHARD | 000001435 | 176 | | |
| CONNECTOR, CONNECTOR,SC EQUIPMENT GROUND,4/0 AWG | 000001451 | 16 | | |
| LUG, COMP LUG AL 2H #1/0 | 000001509 | 6 | | |
| LUG, COMP LUG AL 2H #4/0 | 000001513 | 3 | | |
| LUG, COMP LUG AL 2H 750 | 000001515 | 36 | | |
| FASTENER, CLAMP GROUND ROD 3/4" | 000001532 | 16 | | |
| FASTENER, CLAMP, GROUND ROD, 4/0 AWG | 000001533 | 8 | | |
| LINE, CONN HOTLINE 477-6 ACSR | 000001542 | 2 | | |
| LINE, WEDGE STIRRUP SHEAR-BOLT #006-#04 | 000001553 | 1 | | |
| LINE, WEDGE STIRRUP SHEAR-BOLT 266-336 ACSR | 000001554 | 2 | | |
| CONNECTOR, CONNECTOR STUD DISCONNECT 336.4 LINNET | 000001567 | 3 | | |
| CONNECTOR, CONNECTOR STUD DISCONNECT 1/0 - 4/0 ACSR | 000001568 | 2 | | |
| CONNECTOR, UG CONN PED 6 POS SET SCREW | 000001583 | 29 | | |
| CONNECTOR, UG CONN PED NEUTRAL SET SCREW | 000001589 | 4 | | |
| CONNECTOR, UG CONN BLOCK XFMR NEUT 05/8" STUD SET SCREW | 000001592 | 3 | | |
| CONNECTOR, UG CONN BLOCK XFMR SEC 6 POS SET SCREW | 000001601 | 6 | | |
| 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,GUYED DEADEND ASSY,10',4-WIRE | 000001624 | 1 | | |
| SWITCH, CUTOUT 07.8/13.8KV 100A LB | 000001629 | 2 | | |
| FUSE, CUTOUT BUTTON 040T | 000001647 | 2 | | |
| FUSE, S&C 14.4 SMU-20 125E | 000001705 | 4 | | |

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 : E2314244

15KV: DBSS TO ANCHORAGE SUB. OH/UG PH.2

In Design

Work Request: E2314244

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

Design : 15KV: DBSS TO
 ANCHORAGE
 SUB. OH/UG PH2

| <u>Description</u> | <u>Part Number</u> | <u>Quantity</u> | <u>Order</u> | <u>Issued</u> |
|---|--------------------|-----------------|--------------|---------------|
| FUSE, S&C 14.4 SMU-20 040E | 0000001707 | 2 | | |
| FUSE, S&C END FITTING SML-20 | 0000001709 | 6 | | |
| CABINET, SWITCH PMH-09 (600A) 15KV | 0000002421 | 4 | | |
| GUY, GUARD PLASTIC | 0000002750 | 4 | | |
| INSULATOR, TIE SPOOL #4/0 | 0000003288 | 1 | | |
| INSULATOR, TIE WRAPLOCK SS #4/0 F | 0000003290 | 3 | | |
| INSULATOR, PIN TYPE 55-4 13.2KV "F" NECK | 0000003299 | 11 | | |
| CLEVIS, SPOOL 3" | 0000003311 | 4 | | |
| DEAD-END, DE INSUL EPOX 08/15KV | 0000003328 | 3 | | |
| LAMP, LUMINAIRE 54W LED | 0000003437 | 7 | | |
| PAD, CONC. SUM1 1 PHASE XFMR PAD, J-BOX | 0000003742 | 4 | | |
| PAD, CONC. SUM1-F 600A SW CABINET 15KV | 0000003746 | 4 | | |
| LINE, UG PEDESTAL FIBERGLASS | 0000003759 | 4 | | |
| INSULATOR, PINS XARM SADDLE 01" | 0000003803 | 6 | | |
| INSULATOR, PINS XARM 01" | 0000003804 | 2 | | |
| INSULATOR, PINS POLE TOP 01" | 0000003810 | 1 | | |
| POLE, ST LT STEEL WITH 6' ARM | 0000003862 | 7 | | |
| POLE, 045 CLASS 3 | 0000003868 | 1 | | |
| POLE, 050 CLASS 3 | 0000003872 | 1 | | |
| ANCHOR, ROD TW EYE 1" X 10' | 0000004049 | 4 | | |
| LINE, GROUND ROD 3/4" X 8' | 0000004067 | 24 | | |
| CONDUIT, GRC 2" | 0000004149 | 30 | | |
| CONDUIT, PVC 2" | 0000004154 | 30 | | |
| CONDUIT, PVC 4" | 0000004158 | 33 | | |
| CONDUIT, PVC 6" | 0000004160 | 60 | | |
| CONDUIT, HDPE 2" | 0000004161 | 7,469 | | |
| CONDUIT, GRC EL 90 DEG 2" 36" RADI | 0000004165 | 18 | | |
| CONDUIT, FG EL 90 DEG 4" 36" RADI | 0000004168 | 1 | | |
| CONDUIT, FG EL 90 DEG 6" 60" RADI | 0000004173 | 6 | | |
| CONDUIT, FG EL 45 DEGREE 4" 48" RADI | 0000004183 | 5 | | |
| CONDUIT, FG EL 45 DEG 6" 60" RADI | 0000004185 | 22 | | |
| PAD, CONC. GUARD POST 9' | 0000004186 | 8 | | |
| CONDUIT, CLAMP GROUND 2" | 0000004195 | 2 | | |
| CONDUIT, CHANNEL PIPE STRAP 2" | 0000004240 | 8 | | |
| CONDUIT, CHANNEL PIPE STRAP 6" | 0000004242 | 18 | | |
| KIT, PRIMARY SPLICE JACKET KIT #02-4/0 | 0000004506 | 4 | | |
| KIT, PRIMARY SPLICE 15KV #02-1/0 JCN | 0000004508 | 4 | | |
| KIT, PRIMARY SPLICE 15KV 750MCM JCN | 0000004513 | 15 | | |
| LINE, BRACKET CABLE SUPPORT | 0000004646 | 54 | | |
| KIT, PRIMARY TERM 15KV #02-1/0 JCN | 0000004767 | 6 | | |
| KIT, PRIMARY TERM 15KV 3/0-350MCM JCN | 0000004772 | 3 | | |
| KIT, PRIMARY TERM 15KV 750MCM JCN | 0000004773 | 36 | | |
| UG ACCES 08/15KV ELBOW TERM #1/0 | 0000004785 | 9 | | |
| BUSHING, UG ACCES 08/15KV INSERT BSHG CAP | 0000004793 | 2 | | |
| TRANSFORMER, 0025 KVA PM 1/PH 07.2/12.4 120/240 | 0000004907 | 3 | | |
| ANCHOR, ROD WASHER SQ 4" X 4" X 1 1/8" | 0000005115 | 4 | | |
| GUY, WIRE GUY 12.5M ALUMOWELD (7#9) | 0000005156 | 240 | | |
| BUSHING, UG ACCES 08/15KV PARKING STAND | 0000005227 | 2 | | |
| CONDUIT, HDPE 4" | 0000011877 | 1,392 | | |
| CONDUIT, HDPE 6" | 0000011888 | 10,329 | | |

Control Number _____

Legal Description _____

Charge for Materials Yes ___ No ___ Sale ___

P.O. No. _____

Issued By _____ Received By _____

Date ___/___/___

Contractor _____

Special Notes:

Project : E2314244

15KV: DBSS TO ANCHORAGE SUB. OH/UG PH.2

In Design

Work Request: E2314244

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

Design : 15KV: DBSS TO
 ANCHORAGE
 SUB. OH/UG PH2

| <u>Description</u> | <u>Part Number</u> | <u>Quantity Orderd</u> | <u>Issued</u> |
|--|--------------------|------------------------|---------------|
| SHRINK, CABLE SEALER COLD SHRINK 2-4/0 | 0000012084 | 9 | _____ |
| WIRE, CU, COVERED TAP, #2 | 0000012097 | 20 | _____ |
| WIRE, CU, COVERED TAP, #4/0 | 0000012098 | 45 | _____ |
| CONDUIT, PLUG, BLANK 2" | 0000012317 | 2 | _____ |
| CONDUIT, PLUG, TRIPLEX (350/750 CONC), 6" DUCT | 0000012323 | 3 | _____ |
| DEAD-END, DE TEE 7/8" | 0000012491 | 2 | _____ |
| CONDUIT, PLUG, BLANK, 6" | 0000012526 | 3 | _____ |
| LINE, UG INDICATOR FAULT CURRENT RESET 600A TRIP (350-750 KCMIL) | 0000013367 | 5 | _____ |
| CONDUIT, FG EL 30 DEG 6" 60" RADI | 0000015050 | 2 | _____ |
| GUY, ATTACHMENT CONNECTING LINK, TWISTED | 0000015244 | 4 | _____ |
| GUY, ATTACHMENT ROLLER | 0000015246 | 4 | _____ |
| CONDUIT, HDPE 1-1/2" | 0000015389 | 39 | _____ |
| PAD, CONC. GUARD POST COVER | 0000015824 | 8 | _____ |
| PHOTOCELL | 0000017096 | 7 | _____ |
| Cable Rack, Stanchion, Underground Devices CR12-B | 0000017446 | 50 | _____ |
| Cable Rack, 8", Underground Devices RA08 | 0000017447 | 50 | _____ |
| Concrete Anchor, 303 stainless steel, 1/2-13 | 0000017451 | 50 | _____ |
| Washer, 1-1/4 round, flat, 9/16" hole, 316 stainless | 0000017452 | 50 | _____ |
| Bolt, Cap Screw, 1/2"-13 x 1-3/8, 316 stainless steel | 0000017453 | 50 | _____ |
| CONDUIT, FG 6" | 0000019880 | 60 | _____ |
| HANDHOLE, PRECAST SECONDARY W/ "ELECTRIC" COVER | M42100 | 7 | _____ |

Non-Inventory

| | | | |
|--------------------------------|------------|----|-------|
| BLUE & GREEN CEA DECAL NON INV | 0000010321 | 15 | _____ |
| CONN COMP H TAP SIZE AS REQ | 0000010584 | 15 | _____ |
| PADLOCKS | 0000010613 | 16 | _____ |
| POLE NUMBERS | 0000010634 | 2 | _____ |
| WARNING DECAL NON-INV | 0000010656 | 4 | _____ |
| WEDGE ANCHOR .5 X 2.75 NON-INV | 0000010657 | 22 | _____ |

Remarks:

Control Number _____

Legal Description _____

Charge for Materials Yes ___ No ___ Sale ___

P.O. No. _____

Issued By _____ Received By _____

Date ___/___/___

Contractor _____

Special Notes:

From: [Sharlene Oyao](#)
To: [Gabby Sullivan](#)
Subject: FW: SOUTH District / INOAC, ArcFM Designer Order Submitted: DSN11294_2
Date: Wednesday, June 17, 2026 11:50:32 AM

Sharlene Oyao

From: peoplesoft@chugachelectric.com <peoplesoft@chugachelectric.com>
Sent: Wednesday, March 25, 2026 10:34 AM
To: Marshall Elliott <Marshall_Elliott@chugachelectric.com>
Cc: Warehouse Order Notification <_2b9394@chugachelectric.com>
Subject: SOUTH District / INOAC, ArcFM Designer Order Submitted: DSN11294_2

SOUTH District / INOAC, Order DSN11294_2 submitted on 25-MAR-26 by MARSHALLE.

Account: 10720-000-03-7665

Project: E2314244-GENERAL

Number of Lines: 114

[Open Order in PeopleSoft](#)

| Order | Line | Item | Qty | UOM | Descr |
|------------|------|------------|-------|-----|---|
| DSN11294_2 | 1 | 0000000052 | 2 | EA | ANCHOR, CONCRETE 4FT (FAI-4X) |
| DSN11294_2 | 2 | 0000000103 | 9 | EA | ARRESTER, SURGE 09KV |
| DSN11294_2 | 3 | 0000000230 | 3 | EA | BOLT, DA (5) 7/8"X36" |
| DSN11294_2 | 4 | 0000000314 | 4 | EA | POLE, BRACE CROSSARM 28" WOOD |
| DSN11294_2 | 5 | 0000000315 | 2 | EA | POLE, BRACE CROSSARM 60" WOOD |
| DSN11294_2 | 6 | 0000000322 | 12 | EA | FASTENER, BRACKET CONDUIT STANDOFF |
| DSN11294_2 | 7 | 0000000323 | 4 | EA | FASTENER, BRACKET CONDUIT STANDOFF W/BRACE |
| DSN11294_2 | 8 | 0000000343 | 115 | EA | WIRE, AL JCN 15KV #4/0 |
| DSN11294_2 | 9 | 0000000346 | 16406 | EA | WIRE, AL JCN 15KV 750MCM EPR |
| DSN11294_2 | 10 | 0000000352 | 2446 | EA | WIRE, AL JCN 15KV #1/0 |
| DSN11294_2 | 11 | 0000000367 | 96 | EA | WIRE, AL URD SERVICE #006-2 (SL) (CLAFLIN) |
| DSN11294_2 | 12 | 0000000368 | 674 | EA | WIRE, AL URD SVC #4/0 2/0 4/0(SWEETBRIAR) |
| DSN11294_2 | 13 | 0000000374 | 265 | EA | WIRE, CU SDB #0006 SOL |

| | | | | | |
|------------|----|------------|-----|----|---|
| DSN11294_2 | 14 | 0000000375 | 40 | EA | WIRE, CU SDB #004 STR |
| DSN11294_2 | 15 | 0000000376 | 75 | EA | WIRE, CU SDB #02 STR |
| DSN11294_2 | 16 | 0000000378 | 290 | EA | WIRE, CU SDB #4/0 STR (19 STR.) |
| DSN11294_2 | 17 | 0000000817 | 4 | EA | DEAD-END, AUTO 12.5M/16M ALUMOWELD (7#87#9) |
| DSN11294_2 | 18 | 0000000825 | 1 | EA | DEAD-END, DE AUTO CLEVIS ACSR #1/0 |
| DSN11294_2 | 19 | 0000000826 | 3 | EA | DEAD-END, DE AUTO CLEVIS ACSR #4/0 |
| DSN11294_2 | 20 | 0000000873 | 4 | EA | DEAD-END, PREFORM 12.5M ALUMOWELD (7#9) |
| DSN11294_2 | 21 | 0000000878 | 1 | EA | DEAD-END, D.E. SVC WEDGE 04-1/0 |
| DSN11294_2 | 22 | 0000000950 | 1 | EA | CLEVIS, SWINGING 3" |
| DSN11294_2 | 23 | 0000000951 | 1 | EA | CLEVIS, BROAD BASE |
| DSN11294_2 | 24 | 0000000954 | 2 | EA | CLEVIS, THIMBLE 3/4" 40K |
| DSN11294_2 | 25 | 0000000956 | 1 | EA | ANCHOR, SHACKLE 3/4", 50K |
| DSN11294_2 | 26 | 0000000958 | 2 | EA | ANCHOR, SHACKLE 7/8", 60K |
| DSN11294_2 | 27 | 0000001435 | 171 | EA | WIRE, AL SVC 2/C #0006 SHEPHARD |
| DSN11294_2 | 28 | 0000001451 | 16 | EA | CONNECTOR, SC EQUIPMENT GROUND, 4/0 AWG |
| DSN11294_2 | 29 | 0000001509 | 2 | EA | LUG, COMP LUG AL 2H #1/0 |
| DSN11294_2 | 30 | 0000001513 | 3 | EA | LUG, COMP LUG AL 2H #4/0 |
| DSN11294_2 | 31 | 0000001515 | 36 | EA | LUG, COMP LUG AL 2H 750 |
| DSN11294_2 | 32 | 0000001532 | 8 | EA | FASTENER, CLAMP GROUND ROD 3/4" |
| DSN11294_2 | 33 | 0000001533 | 8 | EA | FASTENER, CLAMP, GROUND ROD, 4/0 AWG |
| DSN11294_2 | 34 | 0000001542 | 2 | EA | LINE, CONN HOTLINE, MEDIUM, 400-6 ACSR |
| DSN11294_2 | 35 | 0000001553 | 1 | EA | LINE, WEDGE STIRRUP SHEAR-BOLT #006- #04 |
| DSN11294_2 | 36 | 0000001554 | 2 | EA | LINE, WEDGE STIRRUP SHEAR-BOLT 266- 336 ACSR |
| DSN11294_2 | 37 | 0000001567 | 3 | EA | CONNECTOR, CONNECTOR STUD DISCONNECT 336.4 LINNET |
| DSN11294_2 | 38 | 0000001568 | 2 | EA | CONNECTOR, CONNECTOR STUD DISCONNECT 1/0 - 4/0 ACS |

| | | | | | |
|------------|----|------------|----|----|---|
| DSN11294_2 | 39 | 0000001583 | 8 | EA | CONNECTOR, UG CONN PED 6 POS SET SCREW |
| DSN11294_2 | 40 | 0000001589 | 4 | EA | CONNECTOR, UG CONN PED NEUTRAL SET SCREW |
| DSN11294_2 | 41 | 0000001592 | 2 | EA | CONNECTOR, UG CONN BLOCK XFMR NEUT 05/8" STUD SET |
| DSN11294_2 | 42 | 0000001601 | 4 | EA | CONNECTOR, UG CONN BLOCK XFMR SEC 6 POS SET SCREW |
| DSN11294_2 | 43 | 0000001616 | 4 | EA | POLE, CROSSARM DIST 08' 3 5/8" X 4 5/8" |
| DSN11294_2 | 44 | 0000001617 | 2 | EA | POLE, CROSSARM DIST 10' 3 5/8" X 4 5/8" |
| DSN11294_2 | 45 | 0000001624 | 1 | EA | POLE, CROSSARM,GUYED DEADEND ASSY, 336. 10' |
| DSN11294_2 | 46 | 0000001629 | 2 | EA | SWITCH, CUTOFF 07.8/13.8KV 100A LB |
| DSN11294_2 | 47 | 0000001647 | 1 | EA | FUSE, CUTOFF BUTTON 040T |
| DSN11294_2 | 48 | 0000001705 | 5 | EA | FUSE, S&C 14.4 SMU-20 125E |
| DSN11294_2 | 49 | 0000001708 | 1 | EA | FUSE, S&C 14.4 SMU-20 065E |
| DSN11294_2 | 50 | 0000001709 | 6 | EA | FUSE, S&C END FITTING SML-20 |
| DSN11294_2 | 51 | 0000002421 | 4 | EA | CABINET, SWITCH PMH-09 (600A) 15KV |
| DSN11294_2 | 52 | 0000002750 | 4 | EA | GUY, GUARD PLASTIC |
| DSN11294_2 | 53 | 0000003288 | 1 | EA | INSULATOR, TIE SPOOL #4/0 |
| DSN11294_2 | 54 | 0000003290 | 3 | EA | INSULATOR, TIE WRAPLOCK SS #4/0 F |
| DSN11294_2 | 55 | 0000003299 | 11 | EA | INSULATOR, PIN TYPE 55-4 15KV, VICE TOP, POLYMER |
| DSN11294_2 | 56 | 0000003311 | 4 | EA | CLEVIS, SPOOL 3" |
| DSN11294_2 | 57 | 0000003328 | 3 | EA | DEAD-END, DE INSUL EPOX 08/15KV |
| DSN11294_2 | 58 | 0000003742 | 3 | EA | PAD, CONC. SUM1 1 PHASE XFMR PAD, J-BOX |
| DSN11294_2 | 59 | 0000003746 | 4 | EA | PAD, CONC. SUM1-F 600A SW CABINET 15KV |
| DSN11294_2 | 60 | 0000003759 | 4 | EA | LINE, UG PEDESTAL FIBERGLASS |
| DSN11294_2 | 61 | 0000003803 | 6 | EA | INSULATOR, PINS XARM SADDLE 01" |
| DSN11294_2 | 62 | 0000003804 | 2 | EA | INSULATOR, PINS XARM 01" |
| DSN11294_2 | 63 | 0000003810 | 1 | EA | INSULATOR, PINS POLE TOP 01" |
| DSN11294_2 | 64 | 0000003868 | 1 | EA | POLE, 045 CLASS 3 |

| | | | | |
|---------------|------------|------|----|---|
| DSN11294_2 65 | 0000003872 | 1 | EA | POLE, 050 CLASS 3 |
| DSN11294_2 66 | 0000004049 | 4 | EA | ANCHOR, ROD TW EYE 1" X 10' |
| DSN11294_2 67 | 0000004067 | 16 | EA | LINE, GROUND ROD 3/4" X 8' |
| DSN11294_2 68 | 0000004149 | 30 | EA | CONDUIT, GRC 2" |
| DSN11294_2 69 | 0000004154 | 30 | EA | CONDUIT, PVC 2" |
| DSN11294_2 70 | 0000004158 | 33 | EA | CONDUIT, PVC 4" |
| DSN11294_2 71 | 0000004160 | 60 | EA | CONDUIT, PVC 6" |
| DSN11294_2 72 | 0000004161 | 4219 | EA | CONDUIT, HDPE 2" |
| DSN11294_2 73 | 0000004165 | 6 | EA | CONDUIT, GRC EL 90 DEG 2" 36" RADI |
| DSN11294_2 74 | 0000004168 | 1 | EA | CONDUIT, FIBERGLASS ELBOW 90 DEG 4" 36" RADIUS |
| DSN11294_2 75 | 0000004173 | 6 | EA | CONDUIT, FIBERGLASS ELBOW 90 DEG 6" 60" RADIUS |
| DSN11294_2 76 | 0000004183 | 2 | EA | CONDUIT, FIBERGLASS ELBOW 45 DEGREE 4" 48" RADIUS |
| DSN11294_2 77 | 0000004185 | 22 | EA | CONDUIT, FIBERGLASS ELBOW 45 DEG 6" 60" RADI |
| DSN11294_2 78 | 0000004186 | 8 | EA | PAD, CONC. GUARD POST 9' |
| DSN11294_2 79 | 0000004195 | 2 | EA | CONDUIT, CLAMP GROUND 2" |
| DSN11294_2 80 | 0000004240 | 8 | EA | CONDUIT, CHANNEL PIPE STRAP 2" |
| DSN11294_2 81 | 0000004242 | 16 | EA | CONDUIT, CHANNEL PIPE STRAP 6" |
| DSN11294_2 82 | 0000004506 | 4 | EA | KIT, PRIMARY SPLICE JACKET KIT #02-4/0 |
| DSN11294_2 83 | 0000004508 | 4 | EA | KIT, PRIMARY SPLICE 15KV #02-1/0 JCN |
| DSN11294_2 84 | 0000004513 | 15 | EA | KIT, PRIMARY SPLICE 15KV 750MCM JCN |
| DSN11294_2 85 | 0000004646 | 54 | EA | LINE, BRACKET CABLE SUPPORT P/N CS820 |
| DSN11294_2 86 | 0000004767 | 2 | EA | KIT, PRIMARY TERM 15KV #02-1/0 JCN |
| DSN11294_2 87 | 0000004772 | 3 | EA | KIT, PRIMARY TERM 15KV 3/0-350MCM JCN |
| DSN11294_2 88 | 0000004773 | 36 | EA | KIT, PRIMARY TERM 15KV 750MCM JCN - 3M - MMM5644 |
| DSN11294_2 89 | 0000004785 | 9 | EA | ELBOW, UG ACCES 08/15KV ELBOW TERM #1/0 |
| DSN11294_2 90 | 0000004793 | 2 | EA | BUSHING, UG ACCES 08/15KV INSERT BSHG CAP |

| | | | |
|----------------|------------------|----|---|
| DSN11294_2 91 | 0000004907 2 | EA | TRANSFORMER, 0025 KVA PM 1/PH 07.2/12.4 120/240 |
| DSN11294_2 92 | 0000005115 4 | EA | ANCHOR, ROD WASHER SQ 4" X 4" X 1 1/8" |
| DSN11294_2 93 | 0000005156 240 | EA | GUY, WIRE GUY 12.5M ALUMOWELD (7#9) |
| DSN11294_2 94 | 0000005227 2 | EA | BUSHING, UG ACCES 08/15KV PARKING STAND |
| DSN11294_2 95 | 0000011877 154 | EA | CONDUIT, HDPE 4" (40 FT STICK) |
| DSN11294_2 96 | 0000011888 10329 | EA | CONDUIT, HDPE 6" (40 FT STICK) |
| DSN11294_2 97 | 0000012084 9 | EA | SHRINK, CABLE SEALER COLD SHRINK 2- 4/0 |
| DSN11294_2 98 | 0000012097 20 | EA | WIRE, CU, COVERED TAP, #2 |
| DSN11294_2 99 | 0000012098 45 | EA | WIRE, CU, COVERED TAP, #4/0, 500' REELS. |
| DSN11294_2 100 | 0000012317 2 | EA | CONDUIT, PLUG, BLANK 2" |
| DSN11294_2 101 | 0000012323 3 | EA | CONDUIT, PLUG, TRIPLEX (350/750 CONC), 6" DUCT |
| DSN11294_2 102 | 0000012491 2 | EA | DEAD-END, DE TEE 7/8" |
| DSN11294_2 103 | 0000012526 2 | EA | CONDUIT, PLUG, BLANK, 6" |
| DSN11294_2 104 | 0000013367 4 | EA | LINE, UG INDICATOR FAULT CURRENT RESET 600A TRIP (|
| DSN11294_2 105 | 0000015050 2 | EA | CONDUIT, FIBERGLASS ELBOW 30 DEG 6" 60" RADI |
| DSN11294_2 106 | 0000015244 4 | EA | GUY, ATTACHMENT CONNECTING LINK, TWISTED |
| DSN11294_2 107 | 0000015246 4 | EA | GUY, ATTACHMENT ROLLER |
| DSN11294_2 108 | 0000015824 8 | EA | PAD, CONC. GUARD POST COVER |
| DSN11294_2 109 | 0000017446 50 | EA | FIBERGLASS CABLE SUPPORT STANCHION |
| DSN11294_2 110 | 0000017447 50 | EA | FIBERGLASS CABLE SUPPORT ARMS |
| DSN11294_2 111 | 0000017451 50 | EA | CONCRETE ANCHOR 1/2" "STAINLESS STEEL" |
| DSN11294_2 112 | 0000017452 50 | EA | WASHER, CONCRETE ANCHOR 1/2" STAINLESS STEEL FLAT |
| DSN11294_2 113 | 0000017453 50 | EA | BOLT, CONCRETE ANCHOR 1/2" |
| DSN11294_2 114 | 0000019880 50 | EA | CONDUIT, FIBERGLASS 6" 10' LENGTHS |