

**In Design**

**BIDSHEET**

for

**PROJECT : E1720054  
35KV: DBSS TO ANC. SUB.OH/UG PH1**

**Work Request: E1720054**  
**Design No.: 35KV: DBSS TO ANC. SUB OH/UG PH1**  
**Capital Account: 10725/000/03/7665**  
**Reimbursible Account: / / /**  
**Retirement Account: 10880/326/03/7665**  
**Work Plan No:**  
**Project Type: System Improvements**

Reviewed by Designer/Project Engineer:   *M. Elliott & V. Krivosov*   Date:   03/18/2025  

Reviewed by Supervisor/Manager:   *Marshall Elliott*  
*Brad Jackson*  
Supervisor   Date:   3/18/25  

**Remarks:**

**In Design**

**Project: E1720054**  
35KV: DBSS TO ANC. SUB.OH/UG PH1

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

Assembly Unit	Proposed Quantity	Actual Quantity	Labor	Material	Labor & Material	Extended Labor & Material
1000 CONC	19.874					
BORE	6.400					
CONCRETE	1.000					
CURB	1.000					
De-water Vault	1.000					
POLE60/H1	2.000					
RandR FENCE	1.000					
SE2-5 Material	3.000					
SF7C	6.000					
SIDEWALK	1.000					
SM31C1	2.000					
SR1-16	1.000					
SUM5011.5H	6.565					
SUM5014FR	1.000					
SUM5024H	13.250					
SUM5026H	2.555					
SUME445F4	4.000					
SUME490F5	16.000					
SUME645F5	8.000					
SUMH-814	7.000					
SUMV-1	210.000					
SUR2-5	0.040					
SUR2-DT	0.135					
SUR2-ST	0.207					
SURL	1.000					
Survey	1.000					
SWPPP-BP	1.000					
TG-24C	6.000					
TM-ID	1.000					
Traffic Control	1.000					
TUC7	2.000					

Total Extended Labor & Material This Page  
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 Total Extended Labor & Material

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**In Design**

**Project: E1720054**  
 35KV: DBSS TO ANC. SUB.OH/UG PH1

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

Assembly Unit	Proposed Quantity	Actual Quantity	Labor	Material	Labor & Material	Extended Labor & Material
VC5-1L	2.000					
XUM6-25G	2.000					
XUM6-28G	7.000					
* 266.8 ACSR	15.679					
* 4/0 ACSR	0.480					
* POLE60/2	2.000					
* POLE60/H1	20.000					
* SE1-5	6.000					
* SF4P	6.000					
* SUM3-15A	3.000					
* SUMH-810	1.000					
* TC1	42.000					
* TC1-1	6.000					
* TC1-1A	3.000					
* TC1A	21.000					
* VC5-1	2.000					
* VC5-1L	3.000					
* VC8	9.000					

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**In Design  
STAKING SHEET**

for

**PROJECT: E1720054**

**35KV: DBSS TO ANC. SUB.OH/UG PH1**

**Work Request:** E1720054  
**Design:** 35KV: DBSS TO ANC. SUB OH/UG PH1  
**Capital Account:** 10725/000/03/7665  
**Reimbursible Account:** / / /  
**Retirement Account:** 10880/326/03/7665  
**Work Plan No:**  
**Project Type:** System Improvements  
**Work Order Number:**

Reviewed by Designer/Project Engineer: W. Elliott & V. Krivonosov Date: 03/18/2024

Reviewed by Supervisor/Manager: Marshall Elliott  
Brad Jackson Date: 3/18/25  
Supervisor

**Remarks:**

Chugach Electric Association  
5601 Electron Drive  
Anchorage, AK 99518

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

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

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

Project: E1720054

Design: 35KV: DBSS TO ANC. SUB OH/UG PH1

In Design

35KV: DBSS TO ANC. SUB.OH/UG PH1

Grid:

1435,1235,1335,1535

**Structure: 00 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)		
RandR FENCE	Install	0	1	RandR FENCE (FENCE REPAIR/RESTORATION)		
SIDEWALK	Install	1	1	SIDEWALK (SIDEWALK)		
SR1-16	Install	1	1	SR1-16 (CLEARING, 16' FOR UG LINES)		
SUM5011.5H	Install	1	6,565	(1) 1.5" HDPE CONDUIT		
SURL	Install	0	1	SURL (LANDSCAPING)		
Survey	Install	0	1	Survey (Survey (Direct Cost))		
SWPPP-BP	Install	0	1	SWPPP-BP (STORM WATER PLAN - BP)		
Traffic Control	Install	0	1	Traffic Control (Traffic Control)		

- Remarks:
- 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.
  - SUM5011.5H-6565' TO BE INSTALLED FROM POLE 9454A TO POLE 9999 BYPASSING ALL VAULTS.

**Structure: 01 P 9454**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
POLE60/H1	Install	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
SF7C	Install	0	1	SF7C (ANCHOR, 7" CONCRETE)		
SF7C	Install	0	1	SF7C (ANCHOR, 7" CONCRETE)		
SF7C	Install	0	1	SF7C (ANCHOR, 7" CONCRETE)		
SM31C1	Install	0	1	SM31C1 (POLE FOUNDATION-SET 1' DEEPER)		
TG-24C	Install	0	1	TG-24C (25M DBL DOWN GUY, 2 RODS)		
TG-24C	Install	0	1	TG-24C (25M DBL DOWN GUY, 2 RODS)		
TG-24C	Install	0	1	TG-24C (25M DBL DOWN GUY, 2 RODS)		
VC5-1L	Install	0	1	VC5-1L (Single Deadend - Vertical (Large Conductors))		

- Remarks:
- ANCHORS ARE 30', 35' AND 40' LONG.
  - SET POLE 8' DEEP.
  - VC5-1L USED TO REPRESENT A 34.5kV VERTICAL DEADEND.

**Structure: 01A P 9454A**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
POLE60/H1	Install	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
SF7C	Install	0	1	SF7C (ANCHOR, 7" CONCRETE)		
SF7C	Install	0	1	SF7C (ANCHOR, 7" CONCRETE)		
SF7C	Install	0	1	SF7C (ANCHOR, 7" CONCRETE)		
SM31C1	Install	0	1	SM31C1 (POLE FOUNDATION-SET 1' DEEPER)		
SUM5014FR	Install	0	1	FIRST 10FT SPARE EMPTY 4" FG RISER		
SUME490F5	Install	0	4	SUME490F5 (4" FG 90 60")		
TG-24C	Install	0	1	TG-24C (25M DBL DOWN GUY, 2 RODS)		
TG-24C	Install	0	1	TG-24C (25M DBL DOWN GUY, 2 RODS)		
TG-24C	Install	0	1	TG-24C (25M DBL DOWN GUY, 2 RODS)		
TUC7	Install	0	1	TUC7 (THREE PHASE SUB-TRANSMISSION TERMINAL PC		
VC5-1L	Install	0	1	VC5-1L (Single Deadend - Vertical (Large Conductors))		
XUM6-25G	Install	0	1	TERMINATION, 1000 CONC , 3 PHASE		

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

Project: E1720054 Design: 35KV: DBSS TO ANC. SUB OH/UG PH1

In Design

35KV: DBSS TO ANC. SUB.OH/UG PH1

Grid: 1435,1235,1335,1535

Remarks: - ANCHORS ARE 30', 35' AND 40' LONG.  
 - SET POLE 8' DEEP.  
 - VC5-1L USED TO REPRESENT A 34.5KV VERTICAL DEADEND.

**Structure: 02 V9857**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1000 CONC	Install	3	165	CABLE, SUBTRANSMISSION, 3 PHASE		
SUM5024H	Install	1	165	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUM5024H	Install	1	165	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUM5026H	Install	1	165	SUM5026H - Conduit ((2) 6" HDPE CONDUIT)		
SUME445F4	Install	0	4	SUME445F4 (4" FG 45 48")		
SUMH-814	Install	0	1	Pull Vault - 8x14x8		
SUMV-1	Install	0	30	CABLE RACK RAO8 & STANCHION		
SUR2-DT	Install	1	135	SUR2-DT (DEEP PRIMARY TRENCH)		
SUR2-ST	Install	1	30	SUR2-ST (VERY DEEP PRIMARY TRENCH)		
XUM6-28G	Install	0	1	SPLICE, 1000 CONC, 3 PHASE		

Remarks:

**Structure: 03 V 9896**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1000 CONC	Install	3	970	CABLE, SUBTRANSMISSION, 3 PHASE		
BORE	Install	1	970	BORE		
SUM5024H	Install	1	970	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUM5024H	Install	1	970	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUM5026H	Install	1	970	SUM5026H - Conduit ((2) 6" HDPE CONDUIT)		
SUMH-814	Install	0	1	Pull Vault - 8x14x8		
SUMV-1	Install	0	30	CABLE RACK RAO8 & STANCHION		
XUM6-28G	Install	0	1	SPLICE, 1000 CONC, 3 PHASE		

Remarks:

**Structure: 04 V 9838**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1000 CONC	Install	3	1,120	CABLE, SUBTRANSMISSION, 3 PHASE		
BORE	Install	1	1,120	BORE		
SUM5024H	Install	1	1,120	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUM5024H	Install	1	1,120	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUM5026H	Install	1	1,120	SUM5026H - Conduit ((2) 6" HDPE CONDUIT)		
SUMH-814	Install	0	1	Pull Vault - 8x14x8		
SUMV-1	Install	0	30	CABLE RACK RAO8 & STANCHION		
XUM6-28G	Install	0	1	SPLICE, 1000 CONC, 3 PHASE		

Remarks:

**Structure: 05 V 9891**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1000 CONC	Install	3	1,410	CABLE, SUBTRANSMISSION, 3 PHASE		
BORE	Install	1	1,410	BORE		
SUM5024H	Install	1	1,410	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUM5024H	Install	1	1,410	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUM5026H	Install	1	300	SUM5026H - Conduit ((2) 6" HDPE CONDUIT)		
SUME645F5	Install	0	8	SUME645F5 (6" FG 45 60")		
SUMH-814	Install	0	1	Pull Vault - 8x14x8		
SUMV-1	Install	0	30	CABLE RACK RAO8 & STANCHION		
XUM6-28G	Install	0	1	SPLICE, 1000 CONC, 3 PHASE		
SUMH-810	Remove	0	1	Pull Vault - 8x10		

Remarks:

**Structure: 06 V 9825**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1000 CONC	Install	3	890	CABLE, SUBTRANSMISSION, 3 PHASE		
BORE	Install	1	890	BORE		
SUM5024H	Install	1	890	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUM5024H	Install	1	890	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUMH-814	Install	0	1	Pull Vault - 8x14x8		
SUMV-1	Install	0	30	CABLE RACK RAO8 & STANCHION		
SUR2-ST	Install	1	157	SUR2-ST (VERY DEEP PRIMARY TRENCH)		
XUM6-28G	Install	0	1	SPLICE, 1000 CONC, 3 PHASE		

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

Project: E1720054

Design: 35KV: DBSS TO ANC. SUB OH/UG PH1

In Design

35KV: DBSS TO ANC. SUB.OH/UG PH1

Grid:  
1435,1235,1335,1535

Remarks:

**Structure: 07 V 9861**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1000 CONC	Install	3	1,010	CABLE, SUBTRANSMISSION, 3 PHASE		
BORE	Install	1	1,010	BORE		
SUM5024H	Install	1	1,010	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUM5024H	Install	1	1,010	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUMH-814	Install	0	1	Pull Vault - 8x14x8		
SUMV-1	Install	0	30	CABLE RACK RAO8 & STANCHION		
XUM6-28G	Install	0	1	SPLICE, 1000 CONC, 3 PHASE		

Remarks:

**Structure: 08 V 9801**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1000 CONC	Install	3	1,000	CABLE, SUBTRANSMISSION, 3 PHASE		
BORE	Install	1	1,000	BORE		
SUM5024H	Install	1	1,000	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUM5024H	Install	1	1,000	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUMH-814	Install	0	1	Pull Vault - 8x14x8		
SUMV-1	Install	0	30	CABLE RACK RAO8 & STANCHION		
XUM6-28G	Install	0	1	SPLICE, 1000 CONC, 3 PHASE		

Remarks:

**Structure: 09 9999 (99C)**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1000 CONC	Install	3	60	CABLE, SUBTRANSMISSION, 3 PHASE		
SUM5024H	Install	1	60	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUM5024H	Install	1	60	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUME490F5	Install	0	12	SUME490F5 (4" FG 90 60")		
SUR2-5	Install	1	40	SUR2-5 (PRIMARY TRENCH)		
SUR2-ST	Install	1	20	SUR2-ST (VERY DEEP PRIMARY TRENCH)		
TM-ID	Install	0	1	TM-ID (34.5KV 3 PHASE DEADEND, 8' XARM)		
TUC7	Install	0	1	TUC7 (THREE PHASE SUB-TRANSMISSION TERMINAL PC		
XUM6-25G	Install	0	1	TERMINATION, 1000 CONC , 3 PHASE		

Remarks: - REPEAT TO POLE 9454.

**Structure: 10 96A(T74)**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	1	130	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
266.8 ACSR	Remove	1	130	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1A	Remove	0	1	TC1A (34.5 KV 10' XARM SINGLE TANGENT)		

Remarks: - 2XTC1 AND TC1A ARE REALLY DOUBLE CIRCUIT TANGENT LINE POST TPD-3.

**Structure: 11 97A(T73)**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	1	300	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
266.8 ACSR	Remove	1	300	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1A	Remove	0	1	TC1A (34.5 KV 10' XARM SINGLE TANGENT)		

Remarks: - 2XTC1 AND TC1A ARE REALLY DOUBLE CIRCUIT TANGENT LINE POST TD-3

**Structure: 12 98A(T72)**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	1	300	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
266.8 ACSR	Remove	1	300	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1A	Remove	0	1	TC1A (34.5 KV 10' XARM SINGLE TANGENT)		

Chugach Electric Association  
5601 Electron Drive  
Anchorage, AK 99518

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

Project: E1720054 Design: 35KV: DBSS TO ANC. SUB OH/UG PH1

In Design

35KV: DBSS TO ANC. SUB.OH/UG PH1

Grid: 1435,1235,1335,1535

Remarks: - 2XTC1 AND TC1A ARE REALLY DOUBLE CIRCUIT TANGENT LINE POST TPD-3.

**Structure: 13 99A(T71)**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	1	300	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
266.8 ACSR	Remove	1	300	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1A	Remove	0	1	TC1A (34.5 KV 10' XARM SINGLE TANGENT)		

Remarks: - 2XTC1 AND TC1A ARE REALLY DOUBLE CIRCUIT TANGENT LINE POST TPD-3.

**Structure: 14 91A(T70)**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	1	300	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
266.8 ACSR	Remove	1	300	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1A	Remove	0	1	TC1A (34.5 KV 10' XARM SINGLE TANGENT)		

Remarks: - 2XTC1 AND TC1A ARE REALLY DOUBLE CIRCUIT TANGENT LINE POST TPD-3.

**Structure: 15 92A(T69)**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	1	310	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
266.8 ACSR	Remove	1	310	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1A	Remove	0	1	TC1A (34.5 KV 10' XARM SINGLE TANGENT)		
SE1-5	Existing	0	1	SE1-5 (DOWN GUY, SINGLE, 16M)		
SF4PL	Existing	0	1	SF4PL (ANCHOR, ROD TW EYE 1" X10')		

Remarks: - 2XTC1 AND TC1A ARE REALLY DOUBLE CIRCUIT TANGENT LINE POST TPD-3.

**Structure: 16 93C(T68)**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	1	290	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
266.8 ACSR	Remove	1	290	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1A	Remove	0	1	TC1A (34.5 KV 10' XARM SINGLE TANGENT)		
SE2-5 Material	Existing	0	1	SE2-5 (SPAN GUY, SINGLE, 16M)		

Remarks: - 2XTC1 AND TC1A ARE DOUBLE CIRCUIT TANGENT LINE POST TPD-3.

**Structure: 17 94A(T67)**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	1	300	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
266.8 ACSR	Remove	1	300	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1A	Remove	0	1	TC1A (34.5 KV 10' XARM SINGLE TANGENT)		
POLE60/H1	Existing	0	1	POLE60/H1 (POLE, 060 CLASS H1)		

Remarks: - 2XTC1 AND TC1A ARE DOUBLE CIRCUIT TANGENT LINE POST TPD-3.  
- POLE SHALL BE TOPPED 6" ABOVE THE HIGHEST REMAINING FACILITY.

**Structure: 18 95B(T66)**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	1	300	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
266.8 ACSR	Remove	1	300	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1A	Remove	0	1	TC1A (34.5 KV 10' XARM SINGLE TANGENT)		
POLE60/H1	Existing	0	1	POLE60/H1 (POLE, 060 CLASS H1)		

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



Project: E1720054 Design: 35KV: DBSS TO ANC. SUB OH/UG PH1

In Design

35KV: DBSS TO ANC. SUB.OH/UG PH1

Grid: 1435,1235,1335,1535

Remarks: - 2XTC1 AND TC1A ARE DOUBLE CIRCUIT TANGENT LINE POST TPD-3.  
- POLE SHALL BE TOPPED 6" ABOVE THE HIGHEST REMAINING FACILITY.

**Structure: 19 96B(T65)**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	1	240	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
266.8 ACSR	Remove	1	240	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1A	Remove	0	1	TC1A (34.5 KV 10' XARM SINGLE TANGENT)		
POLE60/H1	Existing	0	1	POLE60/H1 (POLE, 060 CLASS H1)		

Remarks: - 2XTC1 AND TC1A ARE DOUBLE CIRCUIT TANGENT LINE POST TPD-3.  
- POLE SHALL BE TOPPED 6" ABOVE THE HIGHEST REMAINING FACILITY.

**Structure: 20 97D(T64)**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	1	300	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
266.8 ACSR	Remove	1	300	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1A	Remove	0	1	TC1A (34.5 KV 10' XARM SINGLE TANGENT)		
POLE60/H1	Existing	0	1	POLE60/H1 (POLE, 060 CLASS H1)		

Remarks: - 3XVC8 ARE REALLY DOUBLE CIRCUIT DOUBLE DEADENT FOR 34.5 KV.  
- POLE SHALL BE TOPPED 6" ABOVE THE HIGHEST REMAINING FACILITY.

**Structure: 21 98Z(T63)**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	1	300	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
266.8 ACSR	Remove	1	300	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
SUM3-15A	Remove	0	1	SECTIONALIZING AIR BREAK SWITCH RISER		
SUM3-15A	Remove	0	1	SECTIONALIZING AIR BREAK SWITCH RISER		
VC8	Remove	0	1	VC8 (Double Deadend on X-arms)		
VC8	Remove	0	1	VC8 (Double Deadend on X-arms)		
VC8	Remove	0	1	VC8 (Double Deadend on X-arms)		
POLE60/H1	Existing	0	1	POLE60/H1 (POLE, 060 CLASS H1)		

Remarks: - 2XTC1 AND TC1A ARE DOUBLE CIRCUIT TANGENT LINE POST TPD-4.  
- POLES SHALL BE TOPPED 6" ABOVE THE HIGHEST REMAINING FACILITY.

**Structure: 22 99E(T62)**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	1	300	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
266.8 ACSR	Remove	1	300	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
TC1-1	Remove	0	1	TC1-1 (34.5 KV 8' XARM DBL TANGENT)		
TC1-1	Remove	0	1	TC1-1 (34.5 KV 8' XARM DBL TANGENT)		
TC1-1A	Remove	0	1	TC1-1A (34.5 KV 10' XARM DBL TANGENT)		
POLE60/H1	Existing	0	1	POLE60/H1 (POLE, 060 CLASS H1)		

Remarks: - 2XTC1-1 AND TC1-1A ARE DOUBLE CIRCUIT TANGENT LINE POST TPD-4.  
- POLE SHALL BE TOPPED 6" ABOVE THE HIGHEST REMAINING FACILITY.

**Structure: 23 91C(T61)**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	1	265	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
266.8 ACSR	Remove	1	265	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1-1	Remove	0	1	TC1-1 (34.5 KV 8' XARM DBL TANGENT)		
TC1-1	Remove	0	1	TC1-1 (34.5 KV 8' XARM DBL TANGENT)		
TC1-1A	Remove	0	1	TC1-1A (34.5 KV 10' XARM DBL TANGENT)		

Remarks:

**Structure: 24 91D(T60)**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	1	210	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
266.8 ACSR	Remove	1	210	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
VC8	Remove	0	1	VC8 (Double Deadend on X-arms)		
VC8	Remove	0	1	VC8 (Double Deadend on X-arms)		
VC8	Remove	0	1	VC8 (Double Deadend on X-arms)		

Chugach Electric Association  
5601 Electron Drive  
Anchorage, AK 99518

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

Project: E1720054 Design: 35KV: DBSS TO ANC. SUB OH/UG PH1

In Design

35KV: DBSS TO ANC. SUB.OH/UG PH1

Grid: 1435,1235,1335,1535

Remarks: - 3XVC8 ARE REALLY DOUBLE CIRCUIT DOUBLE DEADENT FOR 34.5 KV.

**Structure: 25 92D(T59)**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	1	350	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
266.8 ACSR	Remove	1	350	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1A	Remove	0	1	TC1A (34.5 KV 10' XARM SINGLE TANGENT)		

Remarks:

**Structure: 26 93A(T58)**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	1	210	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
266.8 ACSR	Remove	1	210	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1A	Remove	0	1	TC1A (34.5 KV 10' XARM SINGLE TANGENT)		

Remarks: - 2XTC1 AND TC1A ARE REALLY DOUBLE CIRCUIT TANGENT LINE POST TPD-3.

**Structure: 27 94A(T57)**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	1	285	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
266.8 ACSR	Remove	1	285	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1A	Remove	0	1	TC1A (34.5 KV 10' XARM SINGLE TANGENT)		

Remarks: - 2XTC1 AND TC1A ARE REALLY DOUBLE CIRCUIT TANGENT LINE POST TPD-3.

**Structure: 28 95B(T56)**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	1	325	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
266.8 ACSR	Remove	1	325	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1A	Remove	0	1	TC1A (34.5 KV 10' XARM SINGLE TANGENT)		

Remarks: - 2XTC1 AND TC1A ARE REALLY DOUBLE CIRCUIT TANGENT LINE POST TPD-3.

**Structure: 29 96C(T55)**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	1	200	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
266.8 ACSR	Remove	1	200	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1A	Remove	0	1	TC1A (34.5 KV 10' XARM SINGLE TANGENT)		

Remarks: - 2XTC1 AND TC1A ARE REALLY DOUBLE CIRCUIT TANGENT LINE POST TPD-3.

**Structure: 29A 97B(T54)**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	1	330	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
266.8 ACSR	Remove	1	330	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1A	Remove	0	1	TC1A (34.5 KV 10' XARM SINGLE TANGENT)		

Remarks:

**Structure: 30 98G(T53)**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	1	305	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		

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

Project: E1720054

Design: 35KV: DBSS TO ANC. SUB OH/UG PH1

In Design

35KV: DBSS TO ANC. SUB.OH/UG PH1

Grid:  
1435,1235,1335,1535

**Structure: 30 98G(T53)**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	1	305	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1A	Remove	0	1	TC1A (34.5 KV 10' XARM SINGLE TANGENT)		

Remarks: - 2XTC1 AND TC1A ARE REALLY DOUBLE CIRCUIT TANGENT LINE POST TPD-3.

**Structure: 31 99B**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	1	365	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
266.8 ACSR	Remove	1	365	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
TC1-1	Remove	0	1	TC1-1 (34.5 KV 8' XARM DBL TANGENT)		
TC1-1	Remove	0	1	TC1-1 (34.5 KV 8' XARM DBL TANGENT)		
TC1-1A	Remove	0	1	TC1-1A (34.5 KV 10' XARM DBL TANGENT)		
VC5-1L	Remove	0	1	VC5-1L (Single Deadend - Vertical (Large Conductors))		
POLE60/H1	Existing	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
SE15	Existing	0	1	SE15 (DOWN GUY, DBL. 32M)		
SF7C	Existing	0	1	SF7C (ANCHOR, 7' CONCRETE)		

Remarks: - 2XTC1-1 AND TC1-1A ARE REALLY DOUBLE CIRCUIT TANGENT LINE POST TPD-4.

**Structure: 31A REPEAT 9999(99C)**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
SE2-5 Material	Install	0	1	SE2-5 (SPAN GUY, SINGLE, 16M)		
SE2-5 Material	Install	0	1	SE2-5 (SPAN GUY, SINGLE, 16M)		
SE2-5 Material	Install	0	1	SE2-5 (SPAN GUY, SINGLE, 16M)		
4/0 ACSR	Remove	3	160	4/0 ACSR (OH PRIMARY CONDUCTOR)		
VC5-1L	Remove	0	1	VC5-1L (Single Deadend - Vertical (Large Conductors))		
VC5-1L	Remove	0	1	VC5-1L (Single Deadend - Vertical (Large Conductors))		

Remarks:

**Structure: 32 91A**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	1	270	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
266.8 ACSR	Remove	1	270	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
SUM3-15A	Remove	0	1	SECTIONALIZING AIR BREAK SWITCH RISER		
VC8	Remove	0	1	VC8 (Double Deadend on X-arms)		
VC8	Remove	0	1	VC8 (Double Deadend on X-arms)		
VC8	Remove	0	1	VC8 (Double Deadend on X-arms)		

Remarks: - 3XVC8 ARE REALLY DOUBLE CIRCUIT DOUBLE DEADEND FOR 34.5 KV.

**Structure: 33 92D**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	1	270	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
266.8 ACSR	Remove	1	270	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1A	Remove	0	1	TC1A (34.5 KV 10' XARM SINGLE TANGENT)		

Remarks: - 2XTC1 AND TC1A ARE REALLY DOUBLE CIRCUIT TANGENT LINE POST TPD-3.

**Structure: 34 93B**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
266.8 ACSR	Remove	3	200	266.8 ACSR WIRE (266.8 ACSR PARTRIDGE)		
266.8 ACSR	Remove	3	200	266.8 ACSR WIRE (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1A	Remove	0	1	TC1A (34.5 KV 10' XARM SINGLE TANGENT)		

Remarks: - 2XTC1 AND TC1A ARE REALLY DOUBLE CIRCUIT TANGENT LINE POST TPD-3.

**Structure: 35 93G**

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
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Chugach Electric Association	Designer/Project Engineer	_____	Date	___/___/___
5601 Electron Drive	Checker	_____	Date	___/___/___
Anchorage, AK 99518	Manager/Supervisor	_____	Date	___/___/___

Project: E1720054

Design: 35KV: DBSS TO ANC. SUB OH/UG PH1

In Design

35KV: DBSS TO ANC. SUB.OH/UG PH1

Grid:

1435,1235,1335,1535

**Structure: 35 93G**

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
266.8 ACSR	Remove	1	120	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
266.8 ACSR	Remove	1	120	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
POLE60/H1	Remove	0	1	POLE60/H1 (POLE, 060 CLASS H1)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1	Remove	0	1	TC1 (34.5 KV 8' XARM SINGLE TANGENT)		
TC1A	Remove	0	1	TC1A (34.5 KV 10' XARM SINGLE TANGENT)		

Remarks: - 2TC1 AND TC1A ARE REALLY DOUBLE CIRCUIT TANGENT LINE POST TPD-3.

**Structure: 36 94F**

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
266.8 ACSR	Remove	1	65	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
POLE60/2	Remove	0	1	POLE60/2 (POLE, 060 CLASS 2)		
SE1-5	Remove	0	1	SE1-5 (DOWN GUY, SINGLE, 16M)		
SE1-5	Remove	0	1	SE1-5 (DOWN GUY, SINGLE, 16M)		
SE1-5	Remove	0	1	SE1-5 (DOWN GUY, SINGLE, 16M)		
SF4P	Remove	0	1	SF4P (ANCHOR,PLATE,16M, 3/4" X 8' RO)		
SF4P	Remove	0	1	SF4P (ANCHOR,PLATE,16M, 3/4" X 8' RO)		
SF4P	Remove	0	1	SF4P (ANCHOR,PLATE,16M, 3/4" X 8' RO)		
VC5-1	Remove	0	1	VC5-1 (Single Deadend - Vertical)		

Remarks:

**Structure: 37 94G**

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	<u>Complete</u>	<u>Qty</u>
266.8 ACSR	Remove	1	65	266.8 ACSR Wire (266.8 ACSR PARTRIDGE)		
POLE60/2	Remove	0	1	POLE60/2 (POLE, 060 CLASS 2)		
SE1-5	Remove	0	1	SE1-5 (DOWN GUY, SINGLE, 16M)		
SE1-5	Remove	0	1	SE1-5 (DOWN GUY, SINGLE, 16M)		
SE1-5	Remove	0	1	SE1-5 (DOWN GUY, SINGLE, 16M)		
SF4P	Remove	0	1	SF4P (ANCHOR,PLATE,16M, 3/4" X 8' RO)		
SF4P	Remove	0	1	SF4P (ANCHOR,PLATE,16M, 3/4" X 8' RO)		
SF4P	Remove	0	1	SF4P (ANCHOR,PLATE,16M, 3/4" X 8' RO)		
VC5-1	Remove	0	1	VC5-1 (Single Deadend - Vertical)		

Remarks:

Chugach Electric Association  
5601 Electron Drive  
Anchorage, AK 99518

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

MATERIAL ISSUE TICKET

Project : E1720054

35KV: DBSS TO ANC. SUB.OH/UG PH1

In Design

Work Request: E1720054

Capital Account: 10725/000/03/7665  
 Reimbursible Account: / / /  
 Retirement Account: 10880/326/03/7665

Design : 35KV: DBSS TO  
 ANC. SUB OH/UG  
 PH1

Description	Part Number	Quantity	Order	Issued
<b>Inventory</b>				
ANCHOR, CONCRETE 7FT (FAI-7X)	000000053	6		
DEAD-END, TEE (HUGHES 2817)	000000155	12		
DEAD-END, TEE 3/4"	000000156	6		
POLE, BRACE CROSSARM 60" WOOD	000000315	8		
FASTENER, BRACKET CONDUIT STANDOFF	000000322	10		
FASTENER, BRACKET CONDUIT STANDOFF W/BRACE	000000323	2		
WIRE, CU SDB #0006 SOL	000000374	190		
WIRE, CU SDB #02 STR	000000376	30		
WIRE, CU SDB #2/0 STR (19 STR.)	000000377	110		
WIRE, CU SDB #4/0 STR (19 STR.)	000000378	550		
GUY, CLAMP 3-BOLT	000000799	2		
DEAD-END, COMP D.E. ASS'Y 266 ACSR PARTRIDGE	000000832	9		
DEAD-END, COMP D.E. ASS'Y 336 ACSR LINNET	000000834	8		
DEAD-END, PREFORM 16M ALUMOWELD (7#8)	000000874	6		
DEAD-END, PREFORM 25M ALUMOWELD	000000876	24		
CLEVIS, SWINGING 3"	000000950	1		
CLEVIS, THIMBLE 5/8" 20K	000000953	6		
ANCHOR, SHACKLE (2) 5/8"	000000957	16		
CONNECTOR, COMP CRIMPIT "C" CU 2/O-2	000001493	14		
CONNECTOR, COMP CRIMPIT "C" CU 2/O-2/O	000001494	2		
CONNECTOR, COMP CRIMPIT "C" CU 4/O-006	000001495	6		
FASTENER, CLAMP GROUND ROD 3/4"	000001532	4		
CONNECTOR, CONNECTOR STUD DISCONNECT 336.4 LINNET	000001567	6		
POLE, CROSSARM DOUBLE D.E. ASS'Y 8' 3 WIRE	000001618	1		
POLE, CROSSARM TRANS 10' 4 5/8" X 5 5/8"	000001622	6		
LINE, GAIN GRID 04" X 04"	000002512	12		
GUY, GUARD PLASTIC	000002750	12		
CLEVIS, SPOOL 3"	000003311	1		
INSULATOR, DEAD END EPOX 34.5KV	000003317	9		
DEAD-END, DE INSUL EPOX 15/26KV	000003329	6		
ANCHOR, ROD NUT TWIN EYE 3/4" & 1"	000003718	12		
POLE, 060 CLASS H1	000003878	2		
ANCHOR, ROD TW EYE 1" X 10'	000004049	12		
LINE, GROUND ROD 3/4" X 8'	000004067	4		
CONDUIT, FG EL 90 DEGREE 4" 60" RADI	000004170	16		
CONDUIT, FG EL 45 DEGREE 4" 48" RADI	000004183	4		
CONDUIT, FG EL 45 DEG 6" 60" RADI	000004185	8		
CONDUIT, CHANNEL PIPE STRAP 4"	000004241	42		
KIT, PRIMARY SPLICE 35KV 1000MCM	000004519	21		
ANCHOR, ROD WASHER SQ 4" X 4" X 1 1/8"	000005115	12		
GUY, WIRE GUY 25M ALUMOWELD	000005158	970		
SUBSTATION, PADDLE 2 HOLE 4/0 CU	000005327	12		
CONDUIT, HDPE 4"	000011877	29,150		
CONDUIT, HDPE 6"	000011888	5,621		
CONDUIT, PLUG, BLANK, 4"	000012319	3		

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

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

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

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

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

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

Contractor \_\_\_\_\_

Special Notes:

MATERIAL ISSUE TICKET

Project : E1720054

35KV: DBSS TO ANC. SUB.OH/UG PH1

In Design

Work Request: E1720054

Capital Account: 10725/000/03/7665  
 Reimbursible Account: / / /  
 Retirement Account: 10880/326/03/7665

Design : 35KV: DBSS TO  
 ANC. SUB OH/UG  
 PH1

Description	Part Number	Quantity Orderd	Issued
CONDUIT, PLUG, SIMPLEX (1000 35KV SHLD), 4" DUCT	0000012321	6	_____
KIT, PRIMARY TERM 35KV 1000 MCM, SHLD, CU, 420MIL HEATSHRINK	0000014507	8	_____
GUY, STRAIN INSULATOR 18" CLEVIS EYE W/ ROLLER	0000015058	1	_____
GUY, ATTACHMENT CONNECTING LINK, TWISTED	0000015244	12	_____
GUY, ATTACHMENT ROLLER	0000015246	12	_____
CONDUIT, HDPE 1-1/2"	0000015389	7,222	_____
KIT, PRIMARY TERM SUPPORT BRACKET35KV 1000 MCM, SHLD, CU,	0000015860	6	_____
WIRE, CU SHLD 35KV 1000MCM EPR .420MIL (ON STEEL REEL)	0000016219	22,163	_____
Cable Rack, Stanchion, Underground Devices CR12-B	0000017446	210	_____
Cable Rack, 8", Underground Devices RA08	0000017447	210	_____
Concrete Anchor, 303 stainless steel, 1/2-13	0000017451	210	_____
Washer, 1-1/4 round, flat, 9/16" hole, 316 stainless	0000017452	210	_____
Bolt, Cap Screw, 1/2"-13 x 1-3/8, 316 stainless steel	0000017453	210	_____
Pull Vault, manhole cover, UV 57-CLX-42C (1350 lbs.)	0000017590	14	_____
Pull Vault, riser, UV 814-48R-UFER (1380 lbs.)	0000017591	14	_____
Pull Vault, base, UV 814-SB-UFER (18000 lbs.)	0000017592	7	_____
Pull Vault, top section, UV 814-TEE-CLS (7060 lbs.)	0000017593	7	_____
Pull Vault, cover, UV 57-CLX-42S (2300 lbs)	0000017594	7	_____
Pull Vault, 6 Riser UV 4206	0000017595	14	_____
Frame Vault, manhole, UV 4240-HD (680 lbs.)	0000017596	14	_____
Cover, manhole, UV 4220-S (600 lbs.)	0000017597	14	_____
Pull Vault, 4 Riser UV 4204	0000017712	14	_____
ARRESTER,SURGE 34.5KV	0000018950	6	_____
CONNECTOR, PADDLE SHEAR BOLT 1000 MCM	0000018960	6	_____
CONDUIT, FG 4"	0000019879	330	_____
<b>Non-Inventory</b>			
CONN COMP H TAP SIZE AS REQ	0000010584	18	_____

Remarks:

Control Number _____	
Legal Description _____	
Charge for Materials Yes ___ No ___ Sale ___	P.O. No. _____
Issued By _____ Received By _____	Date ____/____/____
Contractor _____	
Special Notes:	
	Title: Material Issue Ticket_XSYS

**From:** [peoplesoft@chugachelectric.com](mailto:peoplesoft@chugachelectric.com)  
**To:** [Marshall Elliott](#)  
**Cc:** [Warehouse Order Notification](#)  
**Subject:** SOUTH District / INOAC, ArcFM Designer Order Submitted: DSN11004\_4  
**Date:** Tuesday, March 18, 2025 9:06:56 AM

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**SOUTH District / INOAC**, Order DSN11004\_4 submitted on 18-MAR-25 by MARSHALLE.

Account: 10725-000-03-7665

Project: E1720054-GENERAL

Number of Lines: 71

[Open Order in PeopleSoft](#)

Order	Line	Item	Qty	UOM	Descr
DSN11004_4	1	0000000053	6	EA	ANCHOR, CONCRETE 7FT (FAI-7X)
DSN11004_4	2	0000000155	12	EA	DEAD-END, TEE (HUGHES 2817)
DSN11004_4	3	0000000156	6	EA	DEAD-END, TEE 3/4"
DSN11004_4	4	0000000315	8	EA	POLE, BRACE CROSSARM 60" WOOD
DSN11004_4	5	0000000322	10	EA	FASTENER, BRACKET CONDUIT STANDOFF
DSN11004_4	6	0000000323	2	EA	FASTENER, BRACKET CONDUIT STANDOFF W/BRACE
DSN11004_4	7	0000000374	190	EA	WIRE, CU SDB #0006 SOL
DSN11004_4	8	0000000376	30	EA	WIRE, CU SDB #02 STR
DSN11004_4	9	0000000377	110	EA	WIRE, CU SDB #2/0 STR (19 STR.)
DSN11004_4	10	0000000378	550	EA	WIRE, CU SDB #4/0 STR (19 STR.)
DSN11004_4	11	0000000799	2	EA	GUY, CLAMP 3-BOLT
DSN11004_4	12	0000000832	9	EA	DEAD-END, COMP D.E. ASS'Y 266 ACSR PARTRIDGE
DSN11004_4	13	0000000834	8	EA	DEAD-END, COMP D.E. ASS'Y 336 ACSR LINNET
DSN11004_4	14	0000000874	6	EA	DEAD-END, PREFORM 16M ALUMOWELD (7#8)
DSN11004_4	15	0000000876	24	EA	DEAD-END, PREFORM 25M ALUMOWELD
DSN11004_4	16	0000000950	1	EA	CLEVIS, SWINGING 3"
DSN11004_4	17	0000000953	6	EA	CLEVIS, THIMBLE 5/8" 20K
DSN11004_4	18	0000000957	16	EA	ANCHOR, SHACKLE (2) 5/8", 40K
DSN11004_4	19	0000001493	14	EA	CONNECTOR, COMP CRIMPIT "C" CU 2/O-2
DSN11004_4	20	0000001494	2	EA	CONNECTOR, COMP CRIMPIT "C" CU 2/O-2/O
DSN11004_4	21	0000001495	6	EA	CONNECTOR, COMP CRIMPIT "C" CU

				4/O-006
DSN11004_4 22	0000001532	4	EA	FASTENER, CLAMP GROUND ROD 3/4"
DSN11004_4 23	0000001567	6	EA	CONNECTOR, CONNECTOR STUD DISCONNECT 336.4 LINNET
DSN11004_4 24	0000001618	1	EA	POLE, CROSSARM GUYED DOUBLE D.E. ASS'Y 336 8'
DSN11004_4 25	0000001622	6	EA	POLE, CROSSARM TRANS 10' 4 5/8" X 5 5/8"
DSN11004_4 26	0000002512	12	EA	LINE, GAIN GRID 04" X 04"
DSN11004_4 27	0000002750	12	EA	GUY, GUARD PLASTIC
DSN11004_4 28	0000003311	1	EA	CLEVIS, SPOOL 3"
DSN11004_4 29	0000003317	9	EA	INSULATOR, DEAD END EPOX 34.5KV
DSN11004_4 30	0000003329	6	EA	DEAD-END, DE INSUL EPOX 15/26KV
DSN11004_4 31	0000003718	12	EA	ANCHOR, ROD NUT TWIN EYE 3/4" & 1"
DSN11004_4 32	0000003878	2	EA	POLE, 060 CLASS H1
DSN11004_4 33	0000004049	12	EA	ANCHOR, ROD TW EYE 1" X 10'
DSN11004_4 34	0000004067	4	EA	LINE, GROUND ROD 3/4" X 8'
DSN11004_4 35	0000004170	16	EA	CONDUIT, FIBERGLASS ELBOW 90 DEGREE 4" 60" RADIUS
DSN11004_4 36	0000004183	4	EA	CONDUIT, FIBERGLASS ELBOW 45 DEGREE 4" 48" RADIUS
DSN11004_4 37	0000004185	8	EA	CONDUIT, FIBERGLASS ELBOW 45 DEG 6" 60" RADI
DSN11004_4 38	0000004241	42	EA	CONDUIT, CHANNEL PIPE STRAP 4"
DSN11004_4 39	0000004519	21	EA	KIT, PRIMARY SPLICE 35KV 1000MCM
DSN11004_4 40	0000005115	12	EA	ANCHOR, ROD WASHER SQ 4" X 4" X 1 1/8"
DSN11004_4 41	0000005157	302	EA	GUY, WIRE GUY 16M ALUMOWELD (7#8)
DSN11004_4 42	0000005158	970	EA	GUY, WIRE GUY 25M ALUMOWELD
DSN11004_4 43	0000005327	12	EA	SUBSTATION, PADDLE 2 HOLE 4/0 CU
DSN11004_4 44	0000011877	29150	EA	CONDUIT, HDPE 4" (40 FT STICK)
DSN11004_4 45	0000011888	5621	EA	CONDUIT, HDPE 6" (40 FT STICK)
DSN11004_4 46	0000012319	3	EA	CONDUIT, PLUG, BLANK, 4"
DSN11004_4 47	0000012321	6	EA	CONDUIT, PLUG, SIMPLEX (1000 35KV SHLD), 4" DUCT
DSN11004_4 48	0000014507	8	EA	KIT, PRIMARY TERM 35KV 1000 MCM, SHLD, CU, 420MIL
DSN11004_4 49	0000015058	1	EA	GUY, STRAIN INSULATOR 18" CLEVIS EYE W/ ROLLER



DSN11004_4 50	0000015244	12	EA	GUY, ATTACHMENT CONNECTING LINK, TWISTED
DSN11004_4 51	0000015246	12	EA	GUY, ATTACHMENT ROLLER
DSN11004_4 52	0000015389	7222	EA	CONDUIT, HDPE 1-1/2"
DSN11004_4 53	0000015860	6	EA	KIT, PRIMARY TERM SUPPORT BRACKET35KV 1000 MCM, SH
DSN11004_4 54	0000016219	22163	EA	WIRE, CU SHLD 35KV 1000MCM EPR .420MIL (ON STEEL R
DSN11004_4 55	0000017446	210	EA	FIBERGLASS CABLE SUPPORT STANCHION
DSN11004_4 56	0000017447	210	EA	FIBERGLASS CABLE SUPPORT ARMS
DSN11004_4 57	0000017451	210	EA	CONCRETE ANCHOR 1/2" "STAINLESS STEEL"
DSN11004_4 58	0000017452	210	EA	WASHER, CONCRETE ANCHOR 1/2" STAINLESS STEEL FLAT
DSN11004_4 59	0000017453	210	EA	BOLT, CONCRETE ANCHOR 1/2"
DSN11004_4 60	0000017590	14	EA	VAULT COVER, 814 MANHOLE COVER CENTER HOLE
DSN11004_4 61	0000017591	14	EA	VAULT CONCRETE, 814LA-48-UFER, CENTER, 4' SUBTRANS
DSN11004_4 62	0000017592	7	EA	VAULT CONCRETE, 814 BASE- UFER, SUBTRANSMISSION
DSN11004_4 63	0000017593	7	EA	VAULT CONCRETE, 814 "TEE" TOP
DSN11004_4 64	0000017594	7	EA	VAULT COVER, 814 MANHOLE COVER OFFSET HOLE
DSN11004_4 65	0000017595	14	EA	VAULT CONCRETE, RISER 6-INCH PULL VAULT 810/814
DSN11004_4 66	0000017596	14	EA	VAULT COVER IRON MANHOLE FRAME, 42-INCH OD, 810/81
DSN11004_4 67	0000017597	14	EA	VAULT MANHOLE COVER, 42-INCH OD IRON, 810/814
DSN11004_4 68	0000017712	14	EA	VAULT CONCRETE, RISER 4-INCH PULL VAULT 810/814
DSN11004_4 69	0000018950	6	EA	ARRESTER, SURGE 34.5KV
DSN11004_4 70	0000018960	6	EA	CONNECTOR, PADDLE SHEAR BOLT 1000 MCM
DSN11004_4 71	0000019879	330	EA	CONDUIT, FIBERGLASS 4" 10' LENGTHS