

Structure: 00. GENERAL

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	Complete	Qty
SURL	Install		0.5	SURL (LANDSCAPING)		
TRAFFIC CTRL	Install		0.5	TRAFFIC CTRL (TRAFFIC CONTROL)		
AVALANCHE E/W	Install		0.5	AVALANCHE E/W (AVALANCHE EVALUATION AND WATCH)		
SWPPP-BP	Install		0.5	SWPPP-BP (STORM WATER POLLUTION PREVENTION PLAN - BEST PRACTICES)		

Remarks: IN THESE STAKING SHEETS AND ON THE DRAWINGS, CHUGACH STANDARD ASSEMBLY UNITS AND PROJECT SPECIFIC ASSEMBLIES ARE CALLED OUT. REFERENCE DETAILS SHOWN ON THE DRAWINGS FOR PROJECT SPECIFIC ASSEMBLIES.

THE SPAN LENGTHS SHOWN ON THE DRAWINGS ARE HORIZONTAL DISTANCES. THEY ARE BASED ON FIELD MEASUREMENTS; HOWEVER, THEY ARE NOT SURVEYED DISTANCES. DUE TO THE STEEPNESS OF THE GRADE FOR THE 1ST HALF OF THE PROJECT, THE CABLE LENGTHS FOR SEVERAL SPANS WILL BE APPRECIABLY LONGER THAN THE HORIZONTAL DISTANCES SHOWN.

CLEARING AND LANDSCAPING: CLEARING IS NOT REQUIRED; HOWEVER, CLEARING MAY BE REQUIRED TO FACILITATE THE CONTRACTOR'S EFFORTS TO COMPLETE THE REQUIRED WORK. ANY CLEARING PERFORMED SHALL BE INCIDENTAL TO THE PROJECT AND NO SEPARATE PAYMENT FOR CLEARING SHALL BE PROVIDED. THE CONTRACTOR SHALL ENDEAVOR TO PROTECT THE R-O-W. THE SURL UNIT IS FOR RETURNING THE DISTURBED AREAS OF CONSTRUCTION TO NOMINALLY SAME CONDITIONS AS FOUND.

AVALANCHE EVALUATION AND WATCH: SECTIONS OF THE FIBER-OPTIC ROUTE MAY BE SUSCEPTIBLE TO AVALANCHES. CONTRACTOR TO PROVIDE PROFESSIONAL AVALANCHE EVALUATION PRIOR TO CONSTRUCTION TO IDENTIFY SECTIONS (AREAS) OF THE ROUTE THAT MAY BE SUSCEPTIBLE TO AVALANCHES AND PROVIDE A PROFESSIONAL WATCH DURING CONSTRUCTION IN AREAS WHERE AVALANCHE RISK EXISTS.

TRAFFIC CONTROL: PROVIDE, GET APPROVAL FOR, AND IMPLEMENT A TRAFFIC CONTROL PLAN.

STORM WATER POLLUTION PREVENTION PLAN - BEST PRACTICES: PROVIDE AND IMPLEMENT A STORM WATER POLLUTION PREVENTION PLAN, UTILIZING BEST PRACTICES. GET APPROVAL FOR PLAN, FROM AUTHORITY HAVING JURISDICTION, IF REQUIRED.

Structure: 03. POLE R4

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	Complete	Qty
1/0 ACSR	Existing	1	-	1/0 ACSR		
1/0 ACSR NEUTRAL	Existing	1	-	1/0 ACSR NEUTRAL		
40/5	Existing		1	40/5 POLE		
VA9X	Existing		1	VA9X (DBL. CROSSARM, W/PT PIN)		
SVG39-25	Existing		1	SVG39-25 (25 kVA POLE MOUNT XFMR)		
SM52-3	Existing		1	SM52-3 (POLE NUMBER)		
J6	Remove		1	J6 (SECONDARY CLEVIS)		
M2-11	Remove		1	M2-11 (POLE GROUND)		
J6	Install		1	J6 (SECONDARY CLEVIS)		
M2-11	Install		1	M2-11 (POLE GROUND)		

Remarks: M2-11: GROUND ROD NOT FOUND. REPLACE POLE GROUND.

Structure: 04. POLE R4A

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	Complete	Qty
1/0 ACSR	Existing	1	95	1/0 ACSR		
1/0 ACSR NEUTRAL	Existing	1	95	1/0 ACSR NEUTRAL		
40/5	Existing		1	40/5 POLE		
VA8X	Existing		1	VA8X(DBL. CROSSARM DBL. DEADEND)		
SE1-3	Existing		1	SE1-3 (DOWN GUY)		
F1-4P	Existing		1	F1-4P (PLATE ANCHOR)		
SVM5-9C	Existing		1	SVM5-9C (CUT-OUT, LB, SOLID BLADE)		
SM52-3	Existing		1	SM52-3 (POLE NUMBER)		

Remarks:

Design: 1. HOPE JUNCTION/SIVERTIP ADSS FIBER INSTALL
ISSUED FOR CONSTRUCTION - REV 1

Project: C2230004

Structure: 05. POLE 12R5 (NO# IN FIELD)

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	Complete	Qty
1/0 ACSR	Existing	1	207	1/0 ACSR		
1/0 ACSR NEUTRAL	Existing	1	207	1/0 ACSR NEUTRAL		
40/5	Existing		1	40/5 POLE		
VA9X	Existing		1	VA9X (DBL. CROSSARM, W/PT PIN)		
M2-11	Existing		1	M2-11 (POLE GROUND)		

Remarks:

Structure: 06. POLE 12R6 (NO# IN FIELD)

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	Complete	Qty
1/0 ACSR	Existing	1	355	1/0 ACSR		
1/0 ACSR NEUTRAL	Existing	1	355	1/0 ACSR NEUTRAL		
40/5	Existing		1	40/5 POLE		
VA9X	Existing		1	VA9X (DBL. CROSSARM, W/PT PIN)		
SE1-3	Existing		1	SE1-3 (DOWN GUY)		
SVEM-I42	Existing		1	SVEM-I42 (STRAIN, INSULATOR)		
F1-4P	Existing		1	F1-4P (PLATE ANCHOR)		

Remarks:

Structure: 07. POLE 12R6A

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	Complete	Qty
1/0 ACSR	Existing	1	~196	1/0 ACSR		
1/0 ACSR NEUTRAL	Existing	1	~196	1/0 ACSR NEUTRAL		
45/3 POLE	Install		1	45/3 POLE		
VA8	Install		1	VA8 (DBL. CROSSARM DBL. DEADEND)		
SM52-3	Install		1	SM52-3 (POLE NUMBER)		

Remarks: ANTICIPATE ROCK EXCAVATION.

Structure: 08. POLE 12R7 (NO# IN FIELD)

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	Complete	Qty
1/0 ACSR	Existing	1	~151	1/0 ACSR		
1/0 ACSR NEUTRAL	Existing	1	~151	1/0 ACSR NEUTRAL		
40/5	Existing		1	40/5 POLE		
VA9X	Existing		1	VA9X (DBL. CROSSARM, W/PT PIN)		

Remarks:

Structure: 09. POLE 12R8 (NO# IN FIELD)

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	Complete	Qty
1/0 ACSR	Existing	1	335	1/0 ACSR		
1/0 ACSR NEUTRAL	Existing	1	335	1/0 ACSR NEUTRAL		
50/3	Existing		1	50/3 POLE		
VA9X	Existing		1	VA9X (DBL. CROSSARM, W/PT PIN)		
M2-11	Existing		1	M2-11 (POLE GROUND)		

Remarks:

Structure: 10. POLE R8A

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	Complete	Qty
1/0 ACSR	Existing	1	206	1/0 ACSR		
1/0 ACSR NEUTRAL	Existing	1	206	1/0 ACSR NEUTRAL		
40/2	Existing		1	40/2 POLE		
VA9X	Existing		1	VA9X (DBL. CROSSARM, W/PT PIN)		
SM52-3	Existing		1	SM52-3 (POLE NUMBER)		

Remarks:

Design: 1. HOPE JUNCTION/SIVERTIP ADSS FIBER INSTALL
ISSUED FOR CONSTRUCTION - REV 1

Project: C2230004

Structure: 11. POLE 12R9

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	Complete	Qty
1/0 ACSR	Existing	1	157	1/0 ACSR		
1/0 ACSR NEUTRAL	Existing	1	157	1/0 ACSR NEUTRAL		
40/5	Existing		1	40/5 POLE		
VA8X	Existing		1	VA8X (DBL. CROSSARM DBL. DEADEND)		
VM5-5	Existing		2	VM5-5 (PIN, JUMPERING, XARM)		
M5-5	Existing		2	M5-5 (PIN, JUMPERING, XARM)		
E3-1d	Existing		1	E3-1d (DOWN GUY, WRAP TYPE, DBL. 10M)		
F1-3P	Existing		2	F1-3P (PLATE ANCHOR)		
SM52-3	Existing		1	SM52-3 (POLE NUMBER)		
M2-11	Existing		1	M2-11 (POLE GROUND)		

Remarks:

Structure: 12. POLE R9A

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	Complete	Qty
1/0 ACSR	Existing	1	189	1/0 ACSR		
1/0 ACSR NEUTRAL	Existing	1	189	1/0 ACSR NEUTRAL		
40/2	Existing		1	40/2 POLE		
VA9X	Existing		1	VA9X (DBL. CROSSARM, W/PT PIN)		
SM52-3	Existing		1	SM52-3 (POLE NUMBER)		

Remarks:

Structure: 13. POLE 12R10 (NO# IN FIELD)

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	Complete	Qty
1/0 ACSR	Existing	1	206	1/0 ACSR		
1/0 ACSR NEUTRAL	Existing	1	206	1/0 ACSR NEUTRAL		
50/1	Existing		1	50/1 POLE		
VA9X	Existing		1	VA9X (DBL. CROSSARM, W/PT PIN)		

Remarks:

Structure: 14. POLE R10A

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	Complete	Qty
1/0 ACSR	Existing	1	182	1/0 ACSR		
1/0 ACSR NEUTRAL	Existing	1	182	1/0 ACSR NEUTRAL		
45/3	Existing		1	45/3 POLE		
VA9-1X	Existing		1	VA9-1X (SINGLE CROSSARM, W/PT PIN)		
SM52-3	Existing		1	SM52-3 (POLE NUMBER)		
M5-17	Remove		1	M5-17 (BRACE, CROSSARM, SIDE MOUNT)		
M5-17	Install		1	M5-17 (BRACE, CROSSARM, SIDE MOUNT)		

Remarks:

Structure: 15. POLE 12R11

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	Complete	Qty
1/0 ACSR	Existing	1	263	1/0 ACSR		
1/0 ACSR NEUTRAL	Existing	1	263	1/0 ACSR NEUTRAL		
40/2	Existing		1	40/2 POLE		
VA9X	Existing		1	VA9X (DBL. CROSSARM, W/PT PIN)		
SM52-3	Existing		1	SM52-3 (POLE NUMBER)		

Remarks:

Structure: 16. POLE 12R12 (NO# IN FIELD)

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	Complete	Qty
1/0 ACSR	Existing	1	183	1/0 ACSR		
1/0 ACSR NEUTRAL	Existing	1	183	1/0 ACSR NEUTRAL		
40/5	Existing		1	40/5 POLE		
VM5-2	Existing		1	VM5-2 (POLE TOP PIN)		
VA9	Remove		1	VA9 (DBL. CROSSARM)		
VA9	Install		1	VA9 (DBL. CROSSARM)		
SM52-3	Install		1	SM52-3 (POLE NUMBER)		

Remarks:

Structure: 17. POLE 12R13

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	Complete	Qty
1/0 ACSR	Existing	1	284	1/0 ACSR		
1/0 ACSR NEUTRAL	Existing	1	284	1/0 ACSR NEUTRAL		
40/4	Existing		1	40/4 POLE		
SVA8A	Existing		1	SVA8A (HUGHES XARM, DBL. DEADEND)		
M2-11	Existing		1	M2-11 (POLE GROUND)		
SM52-3	Existing		1	SM52-3 (POLE NUMBER)		
ANCH SHACKLE	Install		6	ANCH SHACKLE (ANCHOR SHACKLE)		

Remarks:

Structure: 18. POLE 12R14

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	Complete	Qty
1/0 ACSR	Existing	1	279	1/0 ACSR		
1/0 ACSR NEUTRAL	Existing	1	279	1/0 ACSR NEUTRAL		
40/4	Existing		1	40/4 POLE		
VA9	Existing		1	VA9 (DBL. CROSSARM)		
SM52-3	Install		1	SM52-3 (POLE NUMBER)		

Remarks:

Structure: 19. POLE 12R15

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	Complete	Qty
1/0 ACSR	Existing	1	261	1/0 ACSR		
1/0 ACSR NEUTRAL	Existing	1	261	1/0 ACSR NEUTRAL		
40/2	Existing		1	40/2 POLE		
SVA7A	Existing		1	SVA7A (HUGHES XARM, DEADEND)		
SVA8A	Existing		1	SVA8A (HUGHES XARM, DBL. DEADEND)		
SE1-3	Existing		1	SE1-3 (DOWN GUY)		
SF-4PL	Existing		1	SF-4PL (PLATE ANCHOR)		
SF-4P	Existing		1	SF-4P (PLATE ANCHOR)		
M2-11	Existing		1	M2-11 (POLE GROUND)		
SE1-3	Remove		1	SE1-3 (DOWN GUY)		
SM52-3	Install		1	SM52-3 (POLE NUMBER)		
SE1-4	Install		1	SE1-4 (DOWN GUY)		

Remarks: REPLACE 10M GUY (GUY OPPOSITE CROSSING) WITH A 12.5M GUY.

Design: 1. HOPE JUNCTION/SIVERTIP ADSS FIBER INSTALL
ISSUED FOR CONSTRUCTION - REV 1

Project: C2230004

Structure: 20. POLE 6234 (NO# IN FIELD)

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	Complete	Qty
1/0 ACSR	Existing	1	270'	1/0 ACSR		
1/0 ACSR NEUTRAL	Existing	1	270'	1/0 ACSR NEUTRAL		
40/2	Existing		1	40/2 POLE		
VA8	Existing		1	VA8 (DBL. CROSSARM DBL. DEADEND)		
VA7	Existing		1	VA7 (DOUBLE CROSSARM DEADEND)		
SE1-3	Existing		2	SE1-3 (DOWN GUY)		
SF-4P	Existing		2	SF-4P (PLATE ANCHOR)		
SVM5-9B	Existing		1	SVM5-9B (CUT-OUT, LB, FUSED)		
VM5-5	Existing		1	VM5-5 (PIN, JUMPERING, XARM)		
M5-5	Existing		1	M5-5 (PIN, JUMPERING, XARM)		

Remarks:

Structure: 21. POLE 6226 (NO# IN FIELD)

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	Complete	Qty
#2 ACSR	Existing	1	205	#2 ACSR		
#2 ACSR NEUTRAL	Existing	1	205	#2 ACSR NEUTRAL		
#2 TPX	Existing	2	-	#2 TPX (#2 TRIPLEX, CONCH)		
40/5	Existing		1	40/5 POLE		
VA9-1	Existing		1	VA9-1 (CROSSARM TANGENT)		
J6	Existing		2	J6 (SECONDARY CLEVIS)		
M2-11	Existing		1	M2-11 (POLE GROUND)		

Remarks:

Structure: 22. POLE 6219

<u>Assembly Unit</u>	<u>Activity</u>	<u>#Cond</u>	<u>Qty</u>	<u>Unit Description</u>	Complete	Qty
#2 ACSR	Existing	1	196	#2 ACSR		
#2 ACSR NEUTRAL	Existing	1	196	#2 ACSR NEUTRAL		
#2 TPX	Existing	1	196	#2 TPX (#2 TRIPLEX, CONCH)		
1/0 TPX	Existing	1	-	1/0 TPX (#2 TRIPLEX, NERITINA)		
350 RIBB	Existing	1	-	350 RIBB (3 WIRE SECONDARY UG)		
40/4	Existing		1	40/4 POLE		
VA7	Existing		1	VA7 (DOUBLE CROSSARM DEADEND)		
SE1-5	Existing		1	SE1-3 (DOWN GUY)		
SF-4P	Existing		1	SF-4P (PLATE ANCHOR)		
G312X-50	Existing		1	G312-50X (TWO XFMRs ON CLUSTER BRCKT)		
SUM54	Existing		1	SUM54 (SECONDARY RISER)		
SUME490S3	Existing		1	SUME490S3 (4" RSC 90 36")		
SUM52A	Existing		1	SUM52A (ADD'L SECONDARY RISER)		
SUME290S3	Existing		1	SUME290S3 (2" RSC 90 36")		

Remarks:

--	--