

Project: E1813812

Design: RELOCATION LIVINGSTON TO HILLSIDE

In Design

ADDENDUM 1

Grid:

Structure: 00. GENERAL

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
MANHOURS	Install	0	80	MANHOURS (MANHOUR OF LABOR)		
R&R	Install	0	1	R&R FENCE/TEMP (R&R FENCE AND TEMP FENCE)		

Remarks:

Structure: 01A. SC920

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
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)		
SUM6-25C 1 PH	Install	0	1	SUM6-25C (1/0 PRIMARY TERMINATION)		
SUM6-36A	Install	0	1	SUM6-36A (FUSE, S&C END FITTING SML-20)		
SUM6-36A	Install	0	1	SUM6-36A (FUSE, S&C END FITTING SML-20)		
SUM6-36A	Install	0	1	SUM6-36A (FUSE, S&C END FITTING SML-20)		
SUM6-25C 1 PH	Remove	0	1	SUM6-25C (1/0 PRIMARY TERMINATION)		
SUM6-25C 1 PH	Remove	0	1	SUM6-25C (1/0 PRIMARY TERMINATION)		
SUM6-25C 1 PH	Remove	0	1	SUM6-25C (1/0 PRIMARY TERMINATION)		
SUM6-36A	Remove	0	1	SUM6-36A (FUSE, S&C END FITTING SML-20)		
SUM6-36A	Remove	0	1	SUM6-36A (FUSE, S&C END FITTING SML-20)		
SUM6-36A	Remove	0	1	SUM6-36A (FUSE, S&C END FITTING SML-20)		

Remarks:

Structure: 01B. PM 1395

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 CONC	Install	1	230	1/0 CONC Wire (1/0 CONCENTRIC PRIMARY)		
BORE	Install	1	180	BORE		
SUM5022H	Install	1	230	SUM5022H - Conduit ((2) 2" HDPE CONDUIT)		
SUM6-1C 1 PH	Install	0	1	SUM6-1C (1/0 LB ELBOW TERMINATION-15KV)		
SUR2-5	Install	1	50	SUR2-5 (PRIMARY TRENCH)		
1/0 CONC	Remove	1	230	1/0 CONC Wire (1/0 CONCENTRIC PRIMARY)		
SUM6-1C 1 PH	Remove	0	1	SUM6-1C (1/0 LB ELBOW TERMINATION-15KV)		
SUM5022H	Abandon	1	230	SUM5022H - Conduit ((2) 2" HDPE CONDUIT)		

Remarks:

Structure: 01C. PM 1394

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 CONC	Install	1	240	1/0 CONC Wire (1/0 CONCENTRIC PRIMARY)		
SHUR2-5	Install	1	10	SHUR2-5 (PRIMARY TRENCH HAND -DIG)		
SUM5022H	Install	1	240	SUM5022H - Conduit ((2) 2" HDPE CONDUIT)		
SUM6-1C 1 PH	Install	0	1	SUM6-1C (1/0 LB ELBOW TERMINATION-15KV)		
1/0 CONC	Remove	1	240	1/0 CONC Wire (1/0 CONCENTRIC PRIMARY)		
SUM6-1C 1 PH	Remove	0	1	SUM6-1C (1/0 LB ELBOW TERMINATION-15KV)		
SUM5022H	Abandon	1	240	SUM5022H - Conduit ((2) 2" HDPE CONDUIT)		

Remarks:

Structure: 01D. PM 0297

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 CONC	Install	1	465	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	465	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)		
SUME290S3	Install	0	2	SUME290S3 (2" RSC 90 36")		
SUR2-5	Install	1	285	SUR2-5 (PRIMARY TRENCH)		

Remarks:

Structure: 01E. STREETLIGHT

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
6/2 UF	Install	1	10	#6 DB 2 WIRE STREETLIGHT CNDCT		
SL5AL	Install	0	1	LED STREET LIGHT, 150W HPS EQ		
SUM5011.5H	Install	1	10	(1) 1.5" HDPE CONDUIT		
SUR2-3	Install	1	10	SUR2-3 (SECONDARY TRENCH)		

Remarks:

Chugach Electric Association 5601 Electron Drive Anchorage, AK 99518	Designer/Project Engineer _____ Date ____/____/____
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Structure: 01F. PM 9998

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 CONC	Install	1	95	1/0 CONC Wire (1/0 CONCENTRIC PRIMARY)		
2 RIBB Service	Install	1	15	2 RIBB Wire Service (#2 3-WIRE SERVICE)		
BORE	Install	1	95	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)		
SUM5022H	Install	1	95	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)		
SUM6-32	Install	0	3	SUM6-32 (SECONDARY UG SPLICE)		

Remarks:

Structure: 01G. POLE 0193

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 CONC	Install	1	185	1/0 CONC Wire (1/0 CONCENTRIC PRIMARY)		
A5	Install	0	1	A5 (VERTICAL SINGLE DEADEND)		
M2-11	Install	0	1	M2-11 (POLE GROUNDING ASSY)		
POLE40/2	Install	0	1	POLE40/2 (POLE, 040 CLASS 2)		
SE1-3	Install	0	1	SE1-3 (DOWN GUY, SINGLE, 10M)		
SF4P	Install	0	1	SF4P (ANCHOR,PLATE,16M, 3/4" X 8' RO)		
SM5-9PC	Install	0	1	CUTOUT ASSEMBLY SOLID BLADE POLE MT		
SUA3	Install	0	1	SUA3 (PRI RISER 1 PH UNDRGRND SOURCE)		
SUM5012SR	Install	0	1	FIRST 10FT SPARE EMPTY 2" S RISER		
SUM5022H	Install	1	185	SUM5022H - Conduit ((2) 2" HDPE CONDUIT)		
SUME290S3	Install	0	2	SUME290S3 (2" RSC 90 36")		
SUR2-5	Install	1	90	SUR2-5 (PRIMARY TRENCH)		
6A CWC 1 PH	Remove	1	95	6A CWC 1 PH (OH PRIMARY CONDUCTOR)		
6A CWC Neutral	Remove	1	95	6A CWC Neutral		

Remarks:

Structure: 01H.POLE 0192(A23R1)

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 TPX Secondary	Remove	1	135	OH SECONDARY CONDUCTOR		
J11	Remove	0	1	J11 (SECONDARY DEADEND)		

Remarks:

Structure: 01I. POLE 0298

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 CONC	Remove	1	475	1/0 CONC Wire (1/0 CONCENTRIC PRIMARY)		
J11	Remove	0	1	J11 (SECONDARY DEADEND)		
POLE40/4	Remove	0	1	POLE40/4 (POLE, 040 CLASS 4)		
SE1-3	Remove	0	1	SE1-3 (DOWN GUY, SINGLE, 10M)		
SF4P	Remove	0	1	SF4P (ANCHOR,PLATE,16M, 3/4" X 8' RO)		
SL5-AAL	Remove	0	1	LED WOOD POLE STREET LIGHT, 150W HPS EQ		
SUA1	Remove	0	1	SUA1 (PRI RISER ON 1 PH OH LINE)		
SUM5012SR	Remove	0	1	FIRST 10FT SPARE EMPTY 2" S RISER		
SUM5A	Remove	0	1	SECONDARY RISER-EXISTING STANDOFF		
SUM5A	Remove	0	1	SECONDARY RISER-EXISTING STANDOFF		
SUME290S2	Remove	0	2	SUME290S2 (2" RSC 90 24")		
SUM5022H	Abandon	1	475	SUM5022H - Conduit ((2) 2" HDPE CONDUIT)		

Remarks:

Structure: 02. POLE 4994(A27RA)

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
SE1-3	Install	0	1	SE1-3 (DOWN GUY, SINGLE, 10M)		
SF4P	Install	0	1	SF4P (ANCHOR,PLATE,16M, 3/4" X 8' RO)		
SM52-3	Install	0	1	SM52-3 (POLE NUMBER)		
SUM5	Install	0	1	SUM5 (SECONDARY RISER)		
SUME290S2	Install	0	1	SUME290S2 (2" RSC 90 24")		
SE1-3	Remove	0	1	SE1-3 (DOWN GUY, SINGLE, 10M)		
SF4P	Remove	0	1	SF4P (ANCHOR,PLATE,16M, 3/4" X 8' RO)		
SUM5	Remove	0	1	SUM5 (SECONDARY RISER)		

Remarks:

Structure: 03A. PP 1104

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
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Structure: 03A. PP 1104

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
SUM1-CA	Install	0	1	SUM1-CA (SUM1F METAL PAD COVERING)		
SUM1F	Install	0	1	SUM1F (CONCRETE PAD 600 A SWITCH CAB.)		
SUM6-28F 3 PH	Install	0	1	SUM6-28F (750 MCM PRIMARY SPLICE)		
SUM6-6	Install	0	1	SUM6-6 (GROUNDING ASSY)		
SUME645F5	Install	0	4	SUME645F5 (6" FG 45 60")		
750 CONC 15KV	Remove	3	12	750 CONC 15KV (WIRE, AL JCN 750MCM EPR)		

Remarks:

Structure: 03B. POLE A31B

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
POLE55/1	Remove	0	1	POLE55/1 (POLE, 055 CLASS 1)		
SC7A-1	Remove	0	1	SC7A-1 (XARM SINGLE DEADEND)		
SE2-5 Material	Remove	0	1	SE2-5 (SPAN GUY, SINGLE, 16M)		
SE2-5 Material	Remove	0	1	SE2-5 (SPAN GUY, SINGLE, 16M)		
SUC3	Remove	0	1	SUC3 (PRI RISER)		

Remarks:

Structure: 03C. POLE 1503

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
750 CONC 15KV	Install	3	50	750 CONC 15KV (WIRE, AL JCN 750MCM EPR)		
M5-21	Install	0	1	M5-21 (EXTENSION LINK)		
POLE55/1	Install	0	1	POLE55/1 (POLE, 055 CLASS 1)		
SC7A-1	Install	0	1	SC7A-1 (XARM SINGLE DEADEND)		
SUC3	Install	0	1	SUC3 (PRI RISER)		
SUM5016FR	Install	0	1	FIRST 10FT SPARE EMPTY 6" FG RISER		
SUM5026H	Install	1	50	SUM5026H - Conduit ((2) 6" HDPE CONDUIT)		
SUME690F5	Install	0	2	SUME690F5 (6" FG 90 60")		
SUR2-5	Install	1	50	SUR2-5 (PRIMARY TRENCH)		
336 ACSR	Remove	3	38	336 ACSR (OH PRIMARY CONDUCTOR)		
336 ACSR Neutral	Remove	1	38	336 ACSR Neutral		

Remarks:

Structure: 03D. 0412

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)		

Remarks:

Structure: 03E. SC924

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:

Structure: 04A. POLE 5703(A41A)

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
J11	Install	0	1	J11 (SECONDARY DEADEND)		
M2-11	Install	0	1	M2-11 (POLE GROUNDING ASSY)		
SG39-25	Install	0	1	SG39-25 (XFMR, 1PH, 25 KVA, 3PH, TANGENT)		
SM52-3	Install	0	1	SM52-3 (POLE NUMBER)		

Remarks:

Structure: 04B. POLE 6203 (A42)

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
6 DPX	Install	1	140	6 DPX Wire (STREETLIGHT CONDUCTOR)		
J11	Install	0	1	J11 (SECONDARY DEADEND)		
M2-11	Install	0	1	M2-11 (POLE GROUNDING ASSY)		
SM52-3	Install	0	1	SM52-3 (POLE NUMBER)		
SM5-9B	Install	0	1	CUTOUT ASSEMBLY LOAD BREAK XRM MT		
SM5-9B 3 PH	Install	0	1	CUTOUT ASSEMBLY LOAD BREAK XRM MT 3 PH		
SUC1A	Install	0	1	SUC1A (THREE PHASE AND SINGLE PHASE TP)		
SUM5012SR	Install	0	1	FIRST 10FT SPARE EMPTY 2" S RISER		
SUM5014FR	Install	0	1	FIRST 10FT SPARE EMPTY 4" FG RISER		
SUM6-25C 1 PH	Install	0	1	SUM6-25C (1/0 PRIMARY TERMINATION)		

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Grid:

Structure: 04B. POLE 6203 (A42)

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
SUM6-25D 3 PH	Install	0	1	SUM6-25D (4/0 PRIMARY TERMINATION)		
SUME290S3	Install	0	2	SUME290S3 (2" RSC 90 36")		
SUME490F4	Install	0	2	SUME490F4 (4" FG 90 48")		
J11	Remove	0	1	J11 (SECONDARY DEADEND)		
M2-11	Remove	0	1	M2-11 (POLE GROUNDING ASSY)		
SG312-75	Remove	0	1	SG312-75 (XFMR BANK,3PH,75 KVA)		

Remarks:

Structure: 04C. SP 6296

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 QPX Secondary	Remove	1	155	OH SECONDARY CONDUCTOR		
4/0 QUAD Service	Remove	1	29	4/0 4-WIRE SERVICE		
J11	Remove	0	1	J11 (SECONDARY DEADEND)		
SUM5	Remove	0	1	SUM5 (SECONDARY RISER)		
SUME290S3	Remove	0	1	SUME290S3 (2" RSC 90 36")		

Remarks:

Structure: 04D. PM 6297

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
4/0 CONC	Install	3	165	4/0 CONC Wire (4/0 CONCENTRIC PRIMARY)		
BORE	Install	1	155	BORE		
SHUR2-3	Install	1	10	SHUR2-3 (SECONDARY TRENCH - HAND DIG)		
SUG17B-75	Install	0	1	XFMR, PM, 75 KVA, 3 PH, RADIAL		
SUM1B	Install	0	1	SUM1B (CONCRETE PAD 3 PH XFMR)		
SUM5024H	Install	1	165	SUM5024H - Conduit ((2) 4" HDPE CONDUIT)		
SUM6-1D 3 PH	Install	0	1	SUM6-1D (4/0 LB ELBOW TERMINATION)		
SUME490F3	Install	0	2	SUME490F3 (4" FG 90 36")		
SUR2-5	Install	1	10	SUR2-5 (PRIMARY TRENCH)		

Remarks:

Structure: 04E. PM 6396

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 CONC	Install	1	165	1/0 CONC Wire (1/0 CONCENTRIC PRIMARY)		
SHUR2-5	Install	1	10	SHUR2-5 (PRIMARY TRENCH HAND -DIG)		
SUM5022H	Install	1	165	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	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)		

Remarks:

Structure: 04F. PM 5687

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
SUM6-10	Install	0	1	SUM6-10 (200A BUSHING CAP)		
SUM6-15	Install	0	1	SUM6-15 (200A PARKING STAND)		
SUM6-1C 1 PH	Install	0	1	SUM6-1C (1/0 LB ELBOW TERMINATION-15KV)		
1/0 CONC	Remove	1	430	1/0 CONC Wire (1/0 CONCENTRIC PRIMARY)		
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)		
SUM5022H	Existing	1	430	SUM5022H - Conduit ((2) 2" HDPE CONDUIT)		

Remarks:

Structure: 04G. PM 6583

Assembly Unit	Activity	#Cond	Qty	Unit Description	Complete	Qty
1/0 CONC	Install	1	225	1/0 CONC Wire (1/0 CONCENTRIC PRIMARY)		
CLEAN CNDT	Install	1	180	CLEAN CNDT (MANDREL & SWAB)		
SHUR2-5	Install	1	5	SHUR2-5 (PRIMARY TRENCH HAND -DIG)		
SUM5012H	Install	1	45	SUM5012H - Conduit ((1) 2" HDPE CONDUIT)		
SUM6-1C 1 PH	Install	0	1	SUM6-1C (1/0 LB ELBOW TERMINATION-15KV)		
SUME290S3	Install	0	1	SUME290S3 (2" RSC 90 36")		
SUR2-5	Install	1	40	SUR2-5 (PRIMARY TRENCH)		
SUG6-25	Existing	0	1	SUG6-25 (XFMR, PM, 25 KVA, 1 PH, RADIAL)		

Remarks:

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