

DOYON UTILITIES, LLC.
714 FOURTH AVE.
SUITE 201
P.O. Box 74040
FAIRBANKS, AK 99701
(907) 455-1500

NAME: **FTW 336A, AIRCRAFT PARTS STORAGE** WORK ORDER #:
LOCATION: **FORT WAINWRIGHT**
MAP REF:

DESIGNED: 4/2/2010 By: Christopher T. Davis
CHECKED: By:
EASEMENT: By:
RELEASED: By:
INSPECTION: By:

DRYDEN & LaRUE, INC.
3305 ARCTIC BLVD.
SUITE 201
ANCHORAGE, AK 99503
(907) 349-6653
FAX: (907)-522-2534

STATUS	STRUCTURE NUMBER	GRID NUMBER	DWG #	BACK SPAN	LINE ANGLE	PRIMARY						GUY			ANCHOR		SECONDARY AND SERVICE			MISCELLANEOUS		METER	REMARKS	
						CONDUCTOR NO.	CONDUCTOR TYPE	POLE or TRENCH	POLE TOP/ UG NO.	POLE TOP/ UG UNIT	TRANSFORMER UNIT	GROUND UNIT	NO.	UNIT	LEAD (ft)	NO.	UNIT	NO.	UNIT	WIRE SIZE	NO.	UNIT		
E	22-70-A	CP-30-06	2	148		4	#1/0 ACSR	45/2	1	C5.21		H1.1	2	E1.1X		2	F2.X	1	UM5	TPX				RECONNECECT EXISTING SECONDARY.
R											G1.4-15												RETURN TRANSFORMER TO STOCK.	
I				30					1	UM50-S-2	G1.4-50						1	UM5	#2 QPX UD				RISER CONDUIT.	
I									1	RSC290SS														
I	HB1	CP-30-06	3	100				UR2	1	UM50-H-2							1	SLC	#2 QPX UD			METER	UNISTRUT MOUNT.	
I									1	RSC290SS														
E	22-72-B	CP-30-06	2	118		4	#1/0 ACSR	45/2	1	C2.51							6	J3.1						
E									1	C5.31														
I				30					1	UM50-S-2	G3.3-45	H1.1					1	UM5	#2 QPX UD				CONDUIT AND CABLE FOR RISER.	
I																					METER		SELF-CONTAINED 7-JAW, 100A/3P BREAKER.	
E	22-72-C	CP-30-06	2	135		4	#1/0 ACSR	45/2	1	C5.31		H1.1	1	E2.1X	36	1	F2.15X				1	S1.3		BACKSPAN TO 22-72-B.
I				0		3	#1/0 CONC 15		1	UC1X														
I				30					1	UM50-S-4													RISER CONDUIT.	
I									1	RSC490SS														
I	300kVA	CP-30-06	2	60		3	#1/0 CONC 15	UR2	1	UM50-H-4	UG17-3-300	UM6-6									3	UM6-1		12470-480Y/277V
I									1	RSC490SS	UM1-1B													
I	FIRE PUMP 1	CP-30-06	2						1	RSC2590SS														EXTEND FROM BLDG STUBOUT.
I				60				UR2	1	UM50-S-25														
I				90													4		#4/0 XHHW				CONNECT FIRE PUMPS, COORDINATE WITH BLDG.	
I				90													1		#4 XHHW					
E	300kVA						REPEAT																	
I	FIRE PUMP 2	CP-30-06	2						1	RSC2590SS														EXTEND FROM BLDG STUBOUT.
I				60				UR2	1	UM50-S-25														
I				120													4		#4/0 XHHW				CONNECT FIRE PUMPS, COORDINATE WITH BLDG.	
I				120													1		#4 XHHW					
E	300kVA						REPEAT																	
I	CT-CAN	CP-30-06	2						1	RSC2590SS		H1.1					1	SS-400A				METER	480Y/277V 400A CT CAN, 250A SE RATED BREAKER	
I	DISCONNECT			30				UR2	1	UM50-S-25							4		#4/0 XHHW				COORDINATE WITH BUILDING CONTRACTOR.	