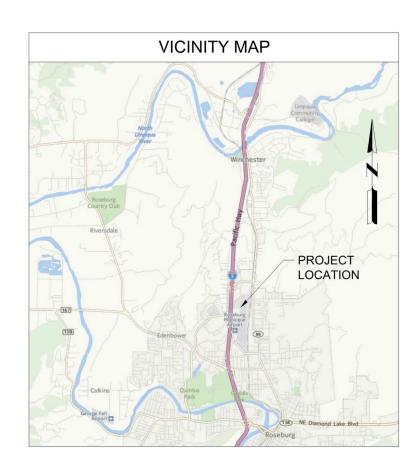
ROSEBURG REGIONAL AIRPORT

STANDBY POWER GENERATOR ROSEBURG, OREGON CITY NO.: 22PW06 BIL NO.: 3-41-0054-031-2024 STATE NO.: COAR-2022-RBG-00033 SEPTEMBER 2023

ISSUED FOR BID

SHT #	DWG #	SHEET TITLE
G-001	1	COVER SHEET
G-081	2	CONSTRUCTION SAFETY,
CE-051	3	DEMOLITION PLAN
CE-201	4	SITE AND ELECTRICAL LAY
CE-301	5	FENCING AND ELECTRICA
E-401	6	ELECTRICAL BUILDING EQ
E-501	7	ELECTRICAL ONE-LINE DIA



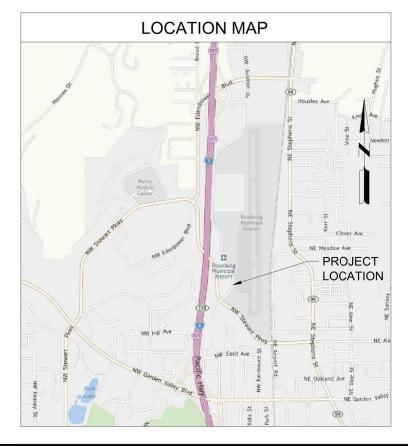
PORTLAND

PROJECT LOCATION

DOUGLAS COUNTY, OREGON

ROSEBURG





SHEET INDEX

PHASING AND SITE LAYOUT PLAN

YOUT PLAN

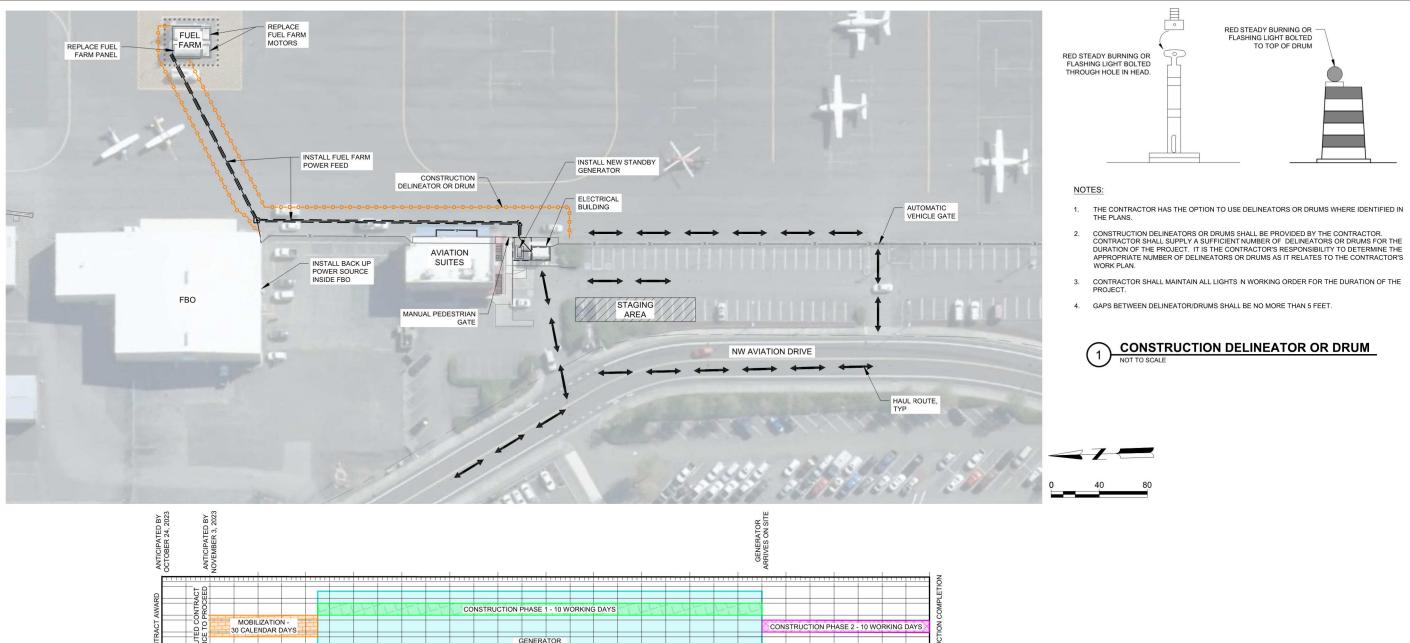
AL DETAILS

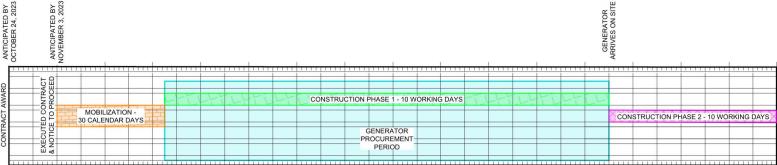
QUIPMENT LAYOUT

AGRAMS AND PANEL SCHEDULES









MOBILIZATION ELEMENT - 30 CALENDAR DAYS

NOTICE TO PROCEED (NTP) FOR THE MOBILIZATION ELEMENT WILL BE GIVEN IMMEDIATELY AFTER CONTRACT EXECUTION. THE MOBILIZATION

PROVIDE ALL REQUIRED SUBMITTALS IDENTIFIED IN THE CONTRACT DOCUMENTS.

PROVIDE CONTRACTOR'S PROPOSED WORK SCHEDULE.

DOCUMENT (SPCD) AS PROVIDED IN THE CSPP.

SUBMISSION OF AN APPROVED SAFETY PLAN COMPLIANCE

ELEMENT INCLUDES:

AIRPORT INFORMATION

AIRPORT REFERENCE CODE (ARC): B-II TAXIWAY DESIGN GROUP (TDG): II

CRITICAL AURCRAFT: CESSNA CITATION XLS TAXIWAY OBJECT FREE AREA: 124 FEET (62 FEET FROM TAXIWAY C/L) COMMON TRAFFIC ADVISORY FREQUENCY (CTAF): 122.8 MHz

PROJECT PHASING - WORK TO BE COMPLETED

CONSTRUCTION ELEMENT - 20 WORKING DAYS

T IS ANTICIPATED THERE WILL BE A LAPSE OF TIME BETWEEN THE MOBILIZATION ELEMENT AND CONSTRUCTION ELEMENT FOR THE CONTRACTOR TO PROCURE MATERIALS. ADDITIONALLY THE CONSTRUCTION ELEMENT HAS BEEN SPLIT INTO TWO PHASES TO ALLOW ELEMENTS OF CONSTRUCTION TO OCCUR PRIOR TO ARRIVAL OF THE STANDBY POWER GENERATOR.

NOTICE TO PROCEED FOR THE CONSTRUCTION ELEMENT WILL NOT BE ISSUED UNTIL THE MOBILIZATION ELEMENT IS COMPLETE. THE CONSTRUCTION ELEMENT SHALL BE COMPLETED AND READY FOR FINAL PAYMENT IN 20 WORKING DAYS AND SHALL BE PHASED AS OUTLINED BELOW.

PHASE 1 - 10 WORKING DAYS

COMPLETE PLACEMENT OF CONCRETE FOUNDATION FOR STANDBY GENERATOR, INCLUDING ASSOCIATED CONDUIT ROUTING TO EXISTING ELECTRICAL BUILDING. COMPLETE THE REMOVAL, SALVAGE (AS REQUIRED), AND INSTALLATION OF 6-FOOT CHAIN-LINK FENCE.

- PHASE 2 10 WORKING DAYS

 PHASE 2 MAY BEGIN ONCE THE CONCRETE PLACED UNDER PHASE 1 HAS CURED IN ACCORDANCE WITH ODOT 00540 STRUCTURAL CONCRETE CONCRETE STRUCTURES.
 COMPLETE INSTALLATION OF THE STANDBY GENERATOR AND AUTOMATIC TRANSFER SWITCH, INCLUDING ALL WIRING, CONNECTIONS, TESTING, INSPECTIONS, AND OTHER NECESSARY
- TEMS TO PROVIDE A FULLY FUNCTIONAL STANDBY GENERATOR UNIT. COMPLETE INSTALLATION OF CONDUIT AND WIRING BETWEEN ELECTRICAL BUILDING AND FUEL FARM. COMPLETE THE REMOVAL AND REPLACEMENT OF EXISTING FUEL FARM PUMPS INCLUDING
- ALL WIRING, CONNECTIONS, TESTING, INSPECTIONS, AND OTHER NECESSARY ITEMS TO RE-ESTABLISH A FULLY FUNCTIONAL FUEL FARM.
- COMPLETE FBO WORK, FUEL FARM WORK, AND ELECTRICAL BUILDING WORK

IMPACT ON AIRPORT OPERATIONS

- 1. ALL WORK ELEMENTS ARE OUTSIDE OF EXISTING RUNWAY AND TAXIWAY OBJECT FREE AREAS. RUNWAY 16/34 AND TAXIWAY A SHALL REMAIN OPERATIONAL AT ALL TIMES DURING CONSTRUCTION
- 2 A TEMPORARY ONE-DAY POWER OUTAGE AT THE EXISTING ELECTRICAL BUILDING IS NECESSARY TO COMPLETE THE FINAL CONNECTIONS INSIDE THE ELECTRICAL BUILDING, THIS OUTAGE WILL IMPACT THE AIRPORT-OWNED RUNWAY 34 PAPI, RUNWAY 34 REILS, RUNWAY 16 REILS, PRIMARY AND SUPPLEMENTAL WINDCONES, RUNWAY AND TAXIWAY EDGE LIGHTING, THE TEMPORARY OUTAGE OF THE ELECTRICAL BUILDING, MAY ONLY OCCUR FROM 30-MINUTES AFTER SURVISE TO 90-MINUTES BEFORE SUNSET, AND SHALL BE APPROVED BY THE AIRPORT PRIOR TO SCHEDULING. A MINIMUM OF 5-DAYS' NOTICE SHALL BE PROVIDED BY THE CONTRACTOR TO SCHEDULE THE OUTAGE.
- 3. A TEMPORARY TWO-DAY POWER OUTAGE AT THE EXISTING FUEL FARM IS ALLOWED TO COMPLETE THE REPLACEMENT OF FUEL FARM MOTORS AND PERFORM FINAL ELECTRICAL CONNECTIONS AT THE FUEL FARM. THE TEMPORARY OUTAGE SHALL BE APPROVED BY THE FBO AND AIRPORT PRIOR TO SCHEDULING. A MINIMUM OF 5-DAYS' NOTICE SHALL BE PROVIDED BY THE CONTRACTOR TO SCHEDULE THE OUTAGE.
- 4. THE CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS OF THE CONSTRUCTION SAFETY AND PHASING PLAN (CSPP). THE CONTRACTOR WILL BE REQUIRED TO SUBMIT A SAFETY PLAN COMPLIANCE DOCUMENT (SPCD), AS OUTLINED IN THE CSPP, AT THE PRE-CONSTRUCTION MEETING.
- 5. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING THE AIRFIELD SECURE AT ALL TIMES. SECURITY GATES MUST BE CLOSED AND LOCKED WHEN NOT IN USE.
- THE CONTRACTORS' MAXIMUM EQUIPMENT HEIGHT MAY NOT EXCEED 18 FEET, UNLESS OTHERWISE APPROVED BY THE AIRPORT.
- 7. CONTRACTOR SHALL PROVIDE ADEQUATE MARKING, BARRICADES, OR OTHER ACCEPTABLE MEANS TO PROTECT THE WORK BEING PERFORMED UNDER THIS CONTRACT
- 8. CONTRACTOR SHALL ENSURE THAT ALL PAVED SURFACES ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT



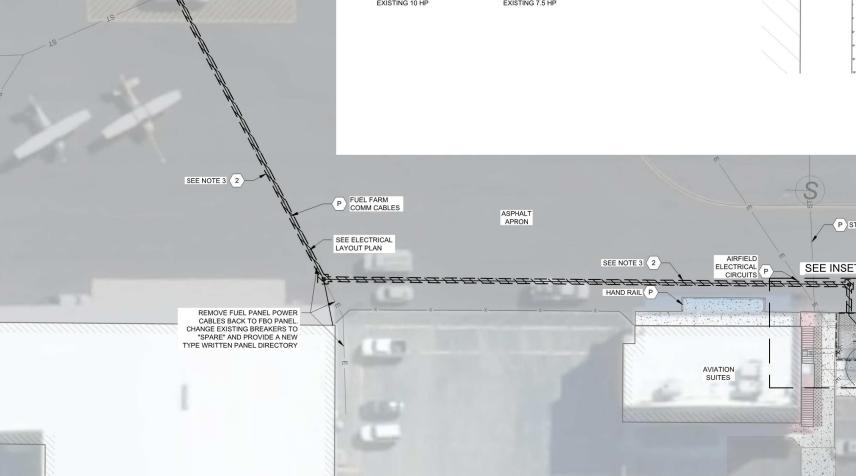
PLAN

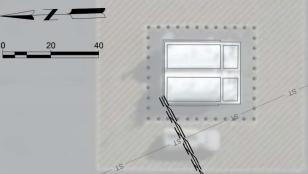
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G-081

Read and for the second	Hunt, Inc. des Parkway, 100 IR 97220 548-1494 t.com
ROSEBURG REGIONAL AIRPORT STANDBY POWER GENERATOR	2151 NW AVIATION DRIVE ROSEBURG, OREGON
	ION ASING

AN.DWG	
DEMOLITION PL/	
AWINGS/CE-051	









(E) AIRPORT ELEC CIRCUIT (UNDERGROUND)

(E) POWER (UNDERGROUND)

(E) BARBED WIRE FENCE

(N) CHAIN-LINK FENCE

(E) WATER LINE

(E) HANDRAIL

(E) STORM SEWER

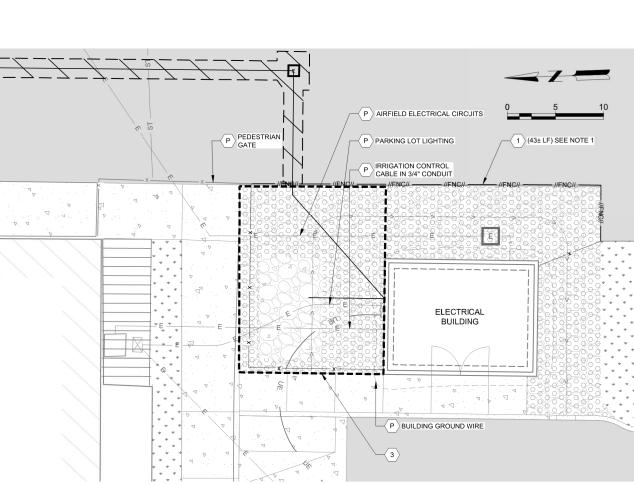
(E) EDGE OF PAVEMENT

REMOVE AND SALVAGE FENCE

(N) CONDUIT



EXISTING 7.5 HP



DEMOLITION NOTES:

- KNOWN

S

ASPHALT PARKING LOT

P STORM PIPE

-ELECTRICAL

BUILDING

— SEE NOTE 2

SEE INSET ABOVE

- SPECIFIED. THE SITE.

SHEET KEYNOTES:

- $\langle 1 \rangle$ $\langle 2 \rangle$ $\langle 3 \rangle$
- $\langle \mathsf{P} \rangle$

LEGEND

FEATURES

S

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(E) CATCH BASIN (CB)

(E) STORM MANHOLE

(E) GATE

(E) CONCRETE

(N) ASPHALT

(E) GRASS

(E) AGGREGATE BASE

(E) SANITARY MANHOLE (MH)

(N) AIRFIELD ELECTRICAL HANDHOLE

REMOVE (E) AC AND REMOVE AND SALVAGE (E) AB

FNC//

LINETYPES

— //FNC// —

- ST

1. AT THE CONTRACTOR'S OPTION, 6-FOOT CHAIN-LINK FENCE MATERIALS REMOVED UNDER THIS PROJECT MAY BE SALVAGED AND REUSED TO CONSTRUCT 6-FOOT CHAIN-LINK FENCE CONTAINED UNDER OTHER ITEMS OF WORK. THESE MATERIALS ARE LIMITED TO CHAIN-LINK FENCE FABRIC, BARBED WIRE EXTENSION ARMS, TOP RAIL, AND GATE PANELS. SALVAGEABLE IS CONSIDERED FABRIC WITHOUT HOLES, TEARS, SNAGS, ETC.; EXTENSION ARMS WITHOUT KINKS OR BROKEN BRACKETS; TOP RAIL WITHOUT KINKS; AND GATE PANELS THAT, WHEN HUNG, PROVIDE THE FUNCTIONALITY OF A NEW GATE. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING ALL SALVAGED COMPONENTS ARE COMPATIBLE WITH THE NEW MATERIALS BEING PROVIDED.

2. THE EXISTING ELECTRICAL SERVICE TO THE ELECTRICAL BUILDING WILL BE UPGRADED FROM A 200A SINGLE-PHASE SERVICE TO A 400A SINGLE-PHASE SERVICE BY PACIFIC POWER. THE CITY WILL COORDINATE WITH THE CONTRACTOR REGARDING UPGRADE SCHEDULE ONCE

3. ASPHALT REMOVAL FOR UTILITY TRENCH IS SHOWN FOR GRAPHICAL PURPOSES ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE REMOVAL LIMITS NEEDED TO INSTALL THE CONDUIT AND HANDHOLES SHOWN ON SHEET E-201.

4. THE CONTRACTOR SHALL NOT BEGIN EXCAVATION UNTIL ALL EXISTING UNDERGROUND FACILITIES WITHIN THE AREA TO BE EXCAVATED HAVE BEEN MARKED IN THE FIELD BY THE CONTRACTOR. THE CONTRACTOR SHALL POTHOLE AND VERIFY THE DEPTH OF ALL UTILITIES WITHIN THE CONSTRUCTION ZONE BEFORE TRENCHING OR BEGINNING EXCAVATIONS OF ANY TYPE. CALL THE OREGON UTILITY NOTIFICATION CENTER 1-800-332-2344 OR 811. IN ACCORDANCE WITH OREGON LAW, FOLLOW RULES ADOPTED BY OREGON NOTIFICATION CENTER (OAR-952-001-0010 THROUGH OAR 952-001-0100). COPIES OF THE RULES MAY BE OBTAINED BY CALLING THE CENTER.

5. NO GUARANTEE IS EXPRESSED OR IMPLIED THAT ALL UNDERGROUND OBSTRUCTIONS ARE SHOWN ON THE PLANS. UNDERGROUND OBSTRUCTIONS NOT SHOWN MAY BE ENCOUNTERED. THOSE SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE AND THE CONTRACTOR IS CAUTIONED THAT THE ENGINEERS, AND THE CITY ASSUME NO RESPONSIBILITY FOR ANY OBSTRUCTIONS EITHER SHOWN OR NOT SHOWN ON THE PLANS.

6. ITEMS OF REMOVAL SHALL BE DEPOSED OF BY THE CONTRACTOR OFF SITE, UNLESS OTHERWISE

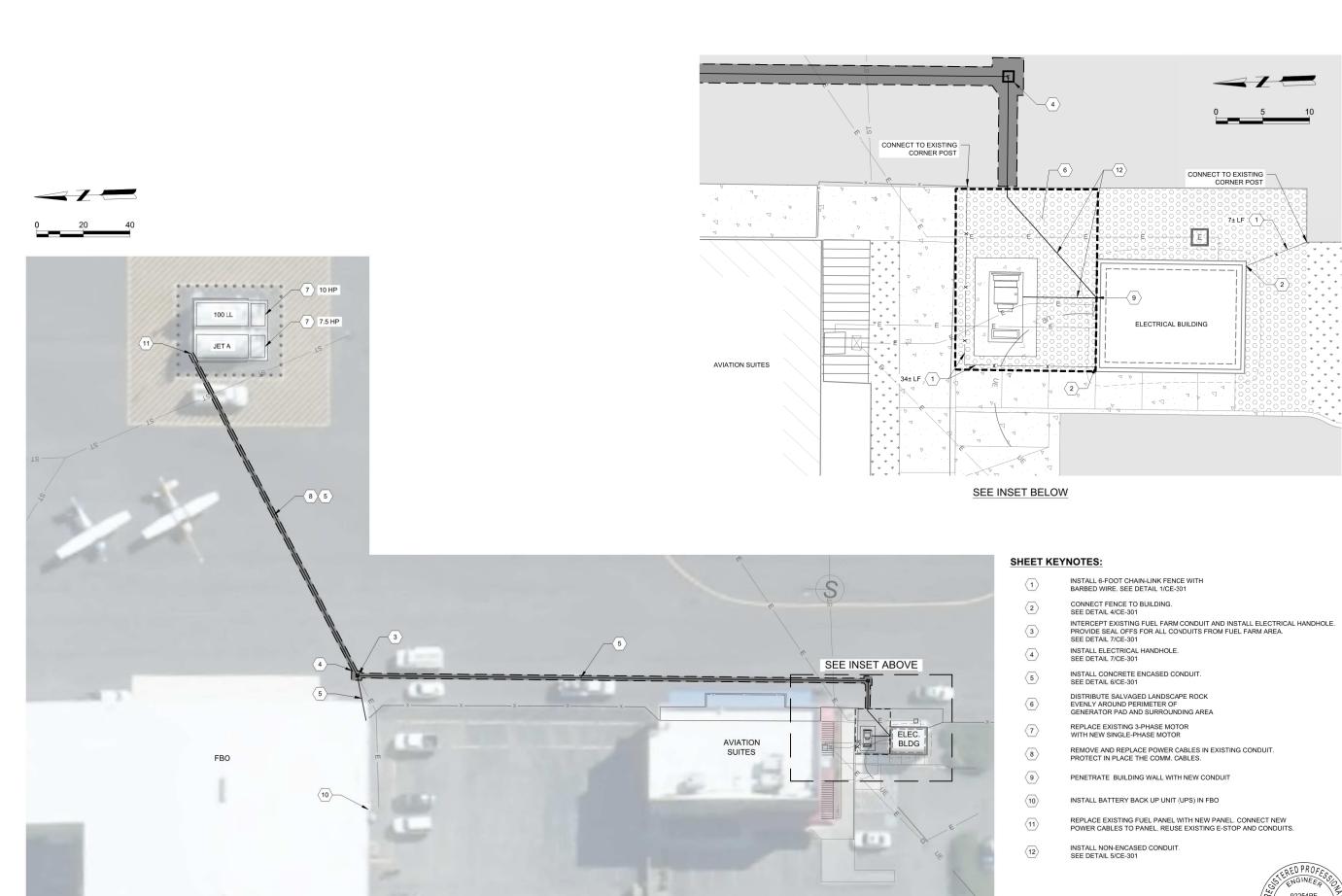
7. THE PROJECT DISTURBS LESS THAN ONE ACRE OF LAND AND IS NOT ANTICIPATED TO CREATE EROSION OR SEDIMENT RUNOFF DURING CONSTRUCTION. CONTRACTOR SHALL USE BEST MANAGEMENT PRACTICES (BMP) TO PREVENT EROSION OR SEDIMENT RUNOFF FROM LEAVING

- REMOVE AND SALVAGE 6-FOOT CHAIN-LINK FENCE WITH 3 STRAND BARBED WIRE
- SAWCUT AND REMOVE EXISTING 4" ASPHALT AND SALVAGE 7" AGGREGATE BASE
- REMOVE AND SALVAGE LANDSCAPE ROCK (3" THICK)

PROTECT IN PLACE

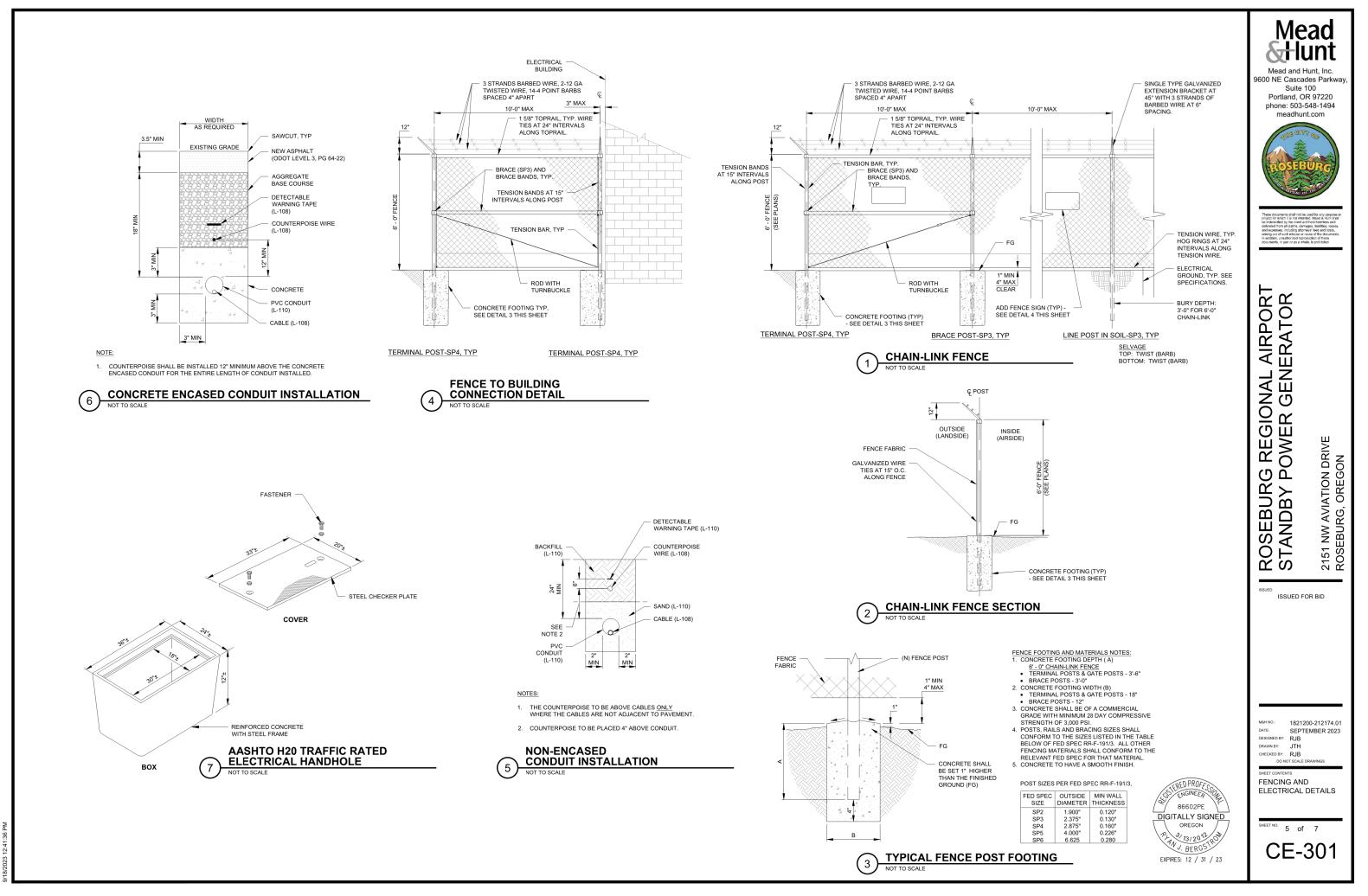


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ROSEBURG REGIONAL AIRPORT STANDBY POWER GENERATOR	2151 NW AVIATION DRIVE ROSEBURG, OREGON
	00-212174.01 EMBER 2023 DRAWINGS





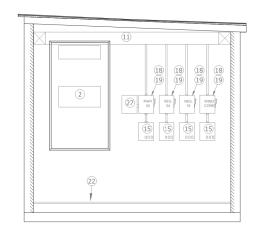
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STANDBY POWER GENERATOR	2151 NW AVIATION DRIVE ROSEBURG, OREGON
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	BEOODIDTION											
ITEM (#)												
1	METER SOCKET, 250 A, TO BE REMOVED (COORDINATE WITH UTILITY).											
2	BARD 2 TON HEAT PUMP, 240V, 1¢, WITH 4KW HEATER STRIP AND CLIMATE CONTROL											
3	PANELBOARD, 200A, 240/120V, 1φ, 3W, 42 SP, WITH 200A MAIN, 10,000 AIC, EXISTING TO REMAIN, REFEED FROM NEW 400A PANEL.											
4	DISCONNECT, 200A, 240V, NEMA 3R, SOLID NEUTRAL TO BE REMOVED (COORDINATE WITH UTILITY). CONTRACTOR TO RESEAL WALL PENETRATION.											
5	TVSS, 200,000 kA RATING											
6	PHOTOELECTRIC CONTROL, 120V, 20A CONTACTS											
7	NOT USED											
8	CONTROL CABINET, NEMA 1, 36"X36"X8"											
9	TRANSFER RELAY, ELECTRICALLY HELD, CONTACTS AS REQUIRED											
10	TIME DELAY (On) RELAY, SOLID STATE, 120V, 0-60 SEC., OCTAL BASE (SET TO 1 SEC											
11	METAL LAY-IN WIREWAY, 8"X8", NEMA 1, WITH BARRIER DIVIDER											
12	PULL BOX, 30"x24"X8", NEMA 1											
13	CONSTANT CURRENT REGULATOR (CCR), 20 kW, 240V INPUT, 6.6A, OUT PUT, 3 BRIGHTNESS STEPS, L-828, TYPE I, CLASS 1, STYLE 1, FERRORESONANT											
14	PILOT CONTROL RADIO, VHF BAND (118-138 MHZ), PROGRAMMABLE TO OPERATE IN ANY FREQUENCY, WITH OUTPUT RELAYS FOR 3, 5, AND 7 CLICKS, ADJUSTABLE SENSITIVITY FROM 1-20 MILES											
15	LIGHTING CONTACTOR, 2P, 30A, WITH 120V COIL AND ROTARY HOA SWITCH SUITABLE FOR TRANSFORMER SWITCHING, IN A NEMA 1 ENCLOSURE											
16	SERIES PLUG CUTOUT, "SCO" TYPE, W/ THREE WORKING POSITIONS											
17	NOT USED											
18	LIGHTNING ARRESTER, SECONDARY CLASS, FOR PROTECTION OF 120/240 CKTS											
19	DISCONNECT, 30A, 600V, NEMA 1											
20	DRY-TYPE TRANSFORMER, 1¢, 3 kVA, 480VP/240/120V S, 60 HZ, NEMA 1.											
21	ELECTRICAL ENCLOSURE, 48"X24"X12"											
22	1-1/4"X1/4" COPPER GROUND BUSS INSTALLED ON 1" STAND-OFFS											
23	50 POINT TERMINAL STRIP, SQUARE D CLASS 9080, SUITABLE FOR #22 TO #10 AWG WIRE											
24	2 - 2 LAMP FLUORESCENT FIXTURES											
25	80kW GENERATOR SET WITH OUTDOOR ENCLOSURE, SUBBASE, TANK AND CONCRETE FOUNDATION. 120/240V, 400A. 1P-3W											
26	ATS, 400A, 120/240V, 1P-3W, WITH LOST PHASE AND PHASE REVERSAL DETECTION NEMA 3R CABINET. PROVIDE COMMUNICATION WIRING TO ATS AS REQUIRED BY GENERATOR MANUFACTURER.											
27	HEAVY DUTY, SERVICE RATED. 240V, 400A, 1P-3W FUSED DISCONNECT SWITCH											
28	UTILITY APPROVED 400A, 120/240V, 1P-3W METER SOCKET AND METERING CABINE											
29	NEW 400A, 120/240V, 1P-3W, NEMA 1, SERVICE RATED MAIN PANEL WITH SPD											

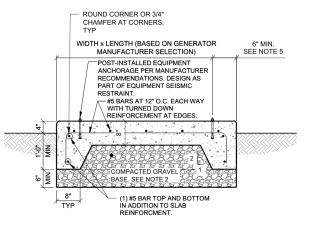
GENERAL NOTES:

- 1. ITEMS SHOWN IN GRAYSCALE ARE EXISTING AND ARE FOR REFERENCE ONLY. NEW WORK IS SHOWN IN BOLD.
- 2. ALL WORK SHALL BE DONE IN A WORKMANLIKE MANNER.
- 3. ALL WORK SHALL CONFORM TO THE 2023 EDITION OF THE NEC AND LOCAL CODES.
- 4. ALL METAL CABINETS SHALL BE GROUNDED TO GROUND BUS AS PER THE REQUIREMENTS. OF THE NEC.
- 5. CONTRACTOR SHALL COORDINATE ALL PERMITTING AND INSPECTIONS REQUIRED TO PLACE THE STANDBY GENERATOR INTO SERVICE.
- 6. ALL EQUIPMENT INSTALLED UNDER THIS PROJECT SHALL MEET BUY AMERICAN REQUIREMENTS, CONTRACTOR SHALL PROVIDE PROOF WITH EACH SUBMITTAL SHEET SUBMITTED FOR APPROVAL.
- 7. FINAL CONNECTION TO EQUIPMENT SUBJECT TO VIBRATION SHALL BE THROUGH FLEXIBLE METALLIC CONDUIT.
- 8. CONTRACTOR/INSTALLER SHALL TRAIN THE CITY MAINTENANCE STAFF ON THE OPERATION AND MAINTENANCE OF THE GENERATOR SET, INCLUDING RUNNING THE GENERATOR SET WITH LOAD TO PREVENT WET STACKING.
- 9. AIRPORT OWNED EDGE LIGHTING AND NAVIGATIONAL AIDS POWERED FROM THE EXISTING ELECTRICAL BUILDING MUST REMAIN OPERATIONAL FROM 90 MINUTES BEFORE SUNSET TO 30 MINUTES AFTER SUNRISE. CONTRACTOR SHALL COORDINATE NECESSARY ELECTRICAL OUTAGES WITH PACIFIC POWER AND THE CITY OF ROSEBURG.
- 10. ALL GROUND RODS ARE 3/4" X 10' COPPER CLAD.
- 11. THIS DRAWINGS ARE DIAGRAMMATIC IN NATURE AND DEPICT THE GENERAL DESIGN CONCEPT. MINOR CHANGES TO THE LAYOUT OR DESIGN TO MAKE THE VARIOUS COMPONENTS FIT ARE ACCEPTABLE AND SHALL NOT BE CONSIDERED A JUSTIFIABLE CAUSE FOR ADDITIONAL COMPENSATION
- 12. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE THEMSELVES OF THE SITE CONDITIONS AND TO BRING TO THE CITY'S ATTENTION ANY DISCREPANCIES BETWEEN THE SITE CONDITIONS AND THE CONTRACT DOCUMENTS PRIOR TO SUBMITTING A BID PRICE FOR THE WORK. NO ADDITIONAL COMPENSATION SHALL BE MADE FOR SMAL DIFFERENCES BETWEEN THE SITE CONDITIONS AND CONTRACT DOCUMENTS.
- 13. AFTER EXISTING METER SOCKET AND DISCONNECT SWITCH ARE REMOVED, CONTRACTOR SHALL REPAIR EXISTING WALL PENETRATION.
- 14. CONTRACTOR SHALL VERIFY IF THE NEUTRAL-GROUND BOND IS PRESENT IN THE EXISTING PANEL. IF SO, REMOVE THIS BOND AS PER NEC.



(3)

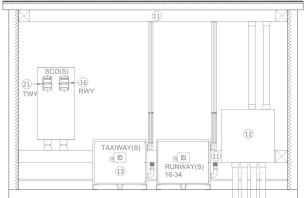
SCALE: 3/8"=1'



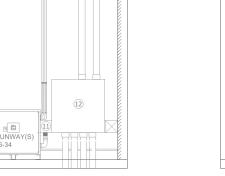
EXTERIOR GENERATOR PAD (7 NOT TO SCALE

EXTERIOR GENERATOR PAD NOTES:

- REMOVE ALL LANDSCAPE ROCK. AND EXCAVATE TO BOTTOM OF GRAVEL BASE ELEVATION. EXCAVATED MATERIAL SHALL BE DISPOSED BY THE CONTRACTOR OFFSITE.
- 2. PROVIDE GRAVEL BASE MEETING THE MATERIAL AND CONSTRUCTION REQUIREMENTS OF ODOT 00759.11 AGGREGATE BASE (3/4"-0).
- TOP OF GENERATOR PAD SHALL BE AT THE SAME ELEVATION AS THE FINISHED FLOOR 3. ELEVATION OF THE ADJACENT ELECTRICAL BUILDING.
- DISTANCE FROM GENERATOR PAD TO BUILDING FOUNDATION SHALL BE AS 4. RECOMMENDED BY THE MANUFACTURER BUT IN NO CASE BE LESS THAN 5-FEET
- CONCRETE PAD SHALL EXTEND A MINIMUM OF 6-INCHES BEYOND THE OUTSIDE EDGE OF 5. THE GENERATOR ENCLOSURE, OR GREATER IF RECOMMENDED BY THE MANUFACTURER
- CONCRETE MIX AND REINFORCING STEEL SHALL MEET THE REQUIREMENTS OF ODOT 02001-CONCRETE AND 02510-REINFORCEMENT.
- STRUCTURAL CONCRETE MEETING ODOT 02001 SHALL BE PLACED, CURED, AND FINISHED IN ACCORDANCE WITH ODOT 00540 STRUCTURAL CONCRETE.



28



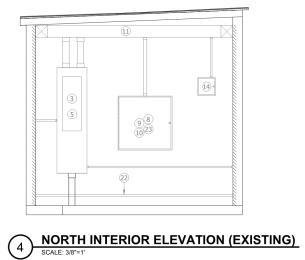
INSTALL STANDBY GENERATOR WITH ENCLOSURE

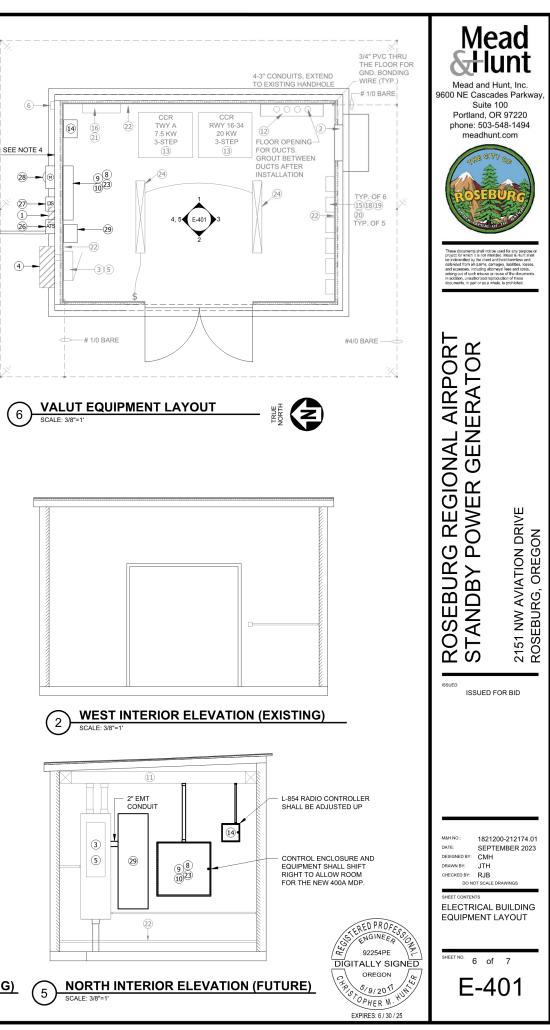
25

NEW RGS TO STANDBY

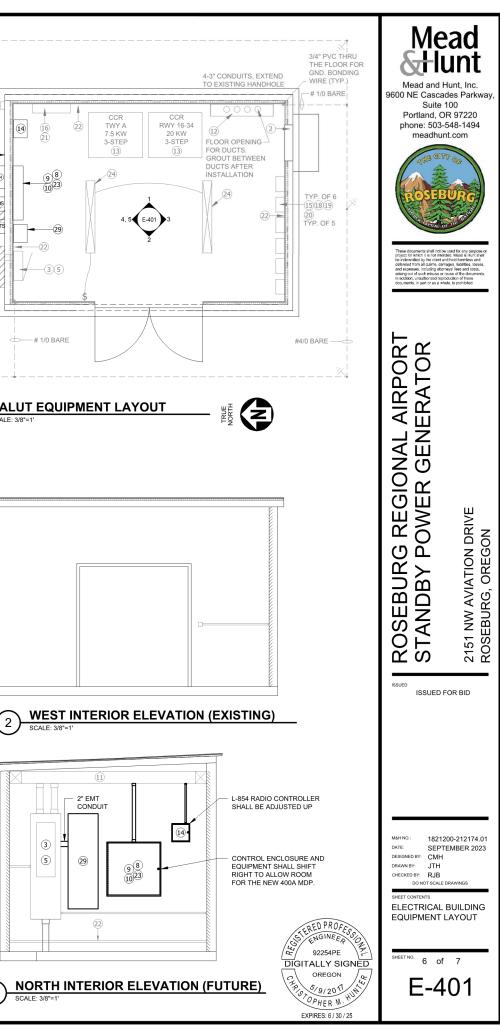
GENERATOR

EAST INTERIOR ELEVATION (EXISTING) $\begin{bmatrix} 1 \end{bmatrix}$ SCALE: 3/8"="





SOUTH INTERIOR ELEVATION (EXISTING)



						1 PHASE		3 WIRE		VO	LTAGE LL:	240	-	VOLTAG	GE LG: 120		
OC DEVICES: MCB	DEVICE FAMILY	·				MOUNTIN	G.	Surface		ENCLOS				NEM	IA 12		HEAVY DUTY, 1
COMMENTS:						BUS RATI		400A		-	LE FAULT	DUTY:			10000A		SERVICE RATE 240V, 1P-3W,
																	DISCONNECT
CKT DESCRIPTION/ NO LOCATION				TOTAL	REMARKS	DEVIC		P DEVICE	REMARKS	TOTAL	LOAD	CRITE			DESCRIPTION/	CKT	
NO LOCATION	TYPE EA		DEM	VA		AMPS	Р	H AMPS P		VA	TYPE	EA	QTY DI	м	LOCATION	NO	
BUILDING PANEL	#REF	! 1	1	#REF!		200	2	A 30 2		0		0	1 0	SPD		2	UTILITY UTILITY
	2431	1		24311				в		0		0	1 0			4	APPROVED METER SOCKET (4) 5
FUEL PANEL	9300	1	1	9300		150	2	A		0						6	AND METERING #1/0
GEN SET BATT CHARGER	9600	1	1	9600 1500		30	2	A		0						8	CABINET RGS
11	1500	1	1	1500		00		в		0						12	
3 GEN SET HEATER	1000	1	5	1000		20	2	A		0						14	
5	1000	1	5	1000				в		0						16	
7 GEN SET LIGHTING 9	100	1	2	100 0		20	1	A		0	-					18 20	
21				0				A		0						20	
23				0				в		0						24	
25				0				A		0						26	
27				0				В		0				_		28	
29				0				A		0						30	
NDUSE LOADS: PHASE "A"	KVA =	##	##		PHASE "B" KVA =		36										
TOTAL LOADS: CONNECTE	ED KVA =	##	##		DEMAND KVA =		###		DESIGN KVA =		#REF!						
CONNECTE	ED FLA =	##	1##		DEMAND FLA =		###		DESIGN FLA =		#REF!						
PANEL SCHEDULE: EXISTING E	BUILDING PANE	L				1 PHASE		3 WIRE		VO	LTAGE LL:	240		VOLTAG	GE LG: 120		
												2-10					BID SCHEDULE A
	DEVICE FAMILY	÷				MOUNTIN	G:	Surface		ENCLOS	URE:			NEM			
OMMENTS:						BUS RAT	NG:	200A		AVAILAB	LE FAULT	DUTY:			6240A		
	1042			TOT	DEMAGNIC			D 051175	DEMAGNE	TOT	10/7	00000		_	DEOODIDTIC	017	
NO LOCATION	LOAD C		A QTY DEM	TOTAL VA	REMARKS	DEVIC AMPS		P DEVICE	REMARKS	TOTAL VA	LOAD TYPE	CRITE	QTY DI		DESCRIPTION/	CKT NO	
Looming																	
CONTROL	100	1	6	100		20	1	A 50 2		4200		4200	1 2	TAXI	IWAY CCR	2	2P 125A
LIGHTS	400	1	2	400		20	1	в		4200		4200	1 2			4	
OUTLETS SPRINKLER CONTROL	720	1	3	720 1200		20 20	1	A 20 2 B		2000	-	2000 2000	1 2 1 2		TH PARKING LOT	6	
HVAC	3600	1	5	3600		50	2			900		900	1 2	PAPI	1 34	10	
1	3600	1	5	3600				в		900		900	1 2			12	
3 SPARE	0	1		0		100	2	A 20 2		300		300	1 2	REIL	. 34	14	3 #6 IN 1 3
5 7 WINDCONE	0	1	0	0		00		B		300		300	1 2		10	16	1" C
7 WINDCONE 9	300	1	2	300 300		20	2	A 20 2 B		300 300		300 300	1 2 1 2	REIL	. 16	18 20	
1 HVAC SERVICE RCPT		1	3	0		50	2			0		0	1 0	SPA	RE	22	10 HP
23		1	3	0				в		0		0	1 0			24	AV GAS
5 SPARE	0	1		0		20	1	A 30 2		0		0	1 0	SPA	RE	26	PUMP
7 SPARE 9	0	1		0		30	2	в А		0	-	0	1 0	 SPA	CE	28 30	37'-8" TO CORNER 1'-2"
1 RUNWAY CCR	1111			11111	subfeed breaker	125		B						SPA		32	
3	1111	1	2	11111				A						SPA	CE	34	36'-4" TO CORNER 1'-2"
NDUSE LOADS: PHASE "A"		24			PHASE "B" KVA =		24										
OTAL LOADS: CONNECTE		48			DEMAND KVA = DEMAND FLA =		46 192		DESIGN KVA = DESIGN FLA =		57 238						
Contraction	20101	1.00			02.0010101		102		5201011121		200					_	
ANEL SCHEDULE: FUEL PANE	EL					1 PHASE		3 WIRE		VO	LTAGE LL:	240		VOLTAG	GE LG: 120		3.00 States and the second
			<u> </u>			MOUT	<u>.</u>	Surface		ENO: 0 -				NEM	IA 3R		6 i i i i i i i i i i i i i i i i i i i
			<u> </u>	-		BUS RATI		200A		ENCLOS AVAILAB	URE:	DUTY:		NEIVI	10000A		
	DEVICE FAMILY			1											0.000.000.0000		TO 24"
							۰ <u>–</u>	P DEVICE	REMARKS	TOTAL	LOAD	CRITE		-	DESCRIPTION/	СКТ	OUTSIDE
DMMENTS: Compared by the second secon	LOAD C	RITERIA		TOTAL	REMARKS	DEVIC				VA	TYPE	EA	QTY DI	M	LOCATION	NO	
DMMENTS: Compared by the second secon			A DEM	TOTAL VA	REMARKS	DEVIC AMPS		H AMPS P									
OMMENTS: CKT DESCRIPTION/ NO LOCATION	LOAD C TYPE EA			VA	REMARKS	AMPS	Р	H AMPS P		0						2	
OMMENTS: CKT DESCRIPTION/	LOAD C		DEM		REMARKS	-				0						2	
OMMENTS: CKT DESCRIPTION/ NO LOCATION	LOAD CC TYPE EA 5500 5500 3800		DEM	VA 5500 5500 3600	REMARKS	AMPS	P 2	H AMPS P A		0						4	
OMMENTS:	LOAD C TYPE EA 5500 3600 3600		DEM	VA 5500 5500 3600 3600	REMARKS	AMPS 90 70	P 2 2 	H AMPS P A - - B - - A - - B - - B - -		0 0 0						4 6 8	
OMMENTS: CKT DESCRIPTION/ NO LOCATION 10 HP AV GAS MOTOR 7.5 HP JET A MOTOR AV GAS CONTACTOR	LOAD C TYPE EA 5500 5500 3600 3600 100		DEM	VA 5500 5500 3600 3600 100	REMARKS	AMPS 90 70 15	P 2 2 1	AMPS P A - B - A - B - B - A -		0 0 0 0 0						4 6 8 10	TO UTILITY J-BOX
OMMENTS: Image: Constraint of the sector of t	LOAD C TYPE EA 5500 3600 3600		DEM 10	VA 5500 5500 3600 3600	REMARKS	AMPS 90 70	P 2 2 	H AMPS P I I I A I I B I I B I I A I I B I I B I I B I I		0 0 0						4 6 8	FBO SOUTH INTERIOR ELEVATION
OMMENTS:	LOAD C TYPE EA 5500 5500 3600 3600 100 100		DEM 10	VA 5500 5500 3600 3600 100 100	REMARKS	AMPS 90 70 15 20	P 2 2 1 1	AMPS P A - B - A - B - B - A -		0 0 0 0 0 0						4 6 8 10 12	TO UTILITY J-BOX
OMMENTS: Image: Constraint of the sector of t	LOAD C TYPE EA 5500 5600 3600 3600 100 100		DTY DEM 10 10 9 9 9	VA 5500 5500 3600 100 100 100 100	REMARKS	AMPS 90 70 15 20 20	P 2 2 1 1 1 1	H AMPS P A B A B A B B B A B A A A		0 0 0 0 0 0 0						4 6 8 10 12 14	TO UTILITY J-BOX TO UTILITY J
OMMENTS: CKT DESCRIPTION/ NO LOCATION 10 HP AV GAS MOTO 7.5 HP JET A MOTOR AV GAS CONTACTOR 1 CARDREADER 5 PUMP LIGHTS 7 9	LOAD C TYPE EA 5500 5600 3600 3600 100 100		DTY DEM 10 10 9 9 9	VA 5500 3600 100 100 100 400 0 0	REMARKS	AMPS 90 70 15 20 20	P 2 2 1 1 1 1	H AMPS P A B A B A B		0 0 0 0 0 0 0 0 0 0 0 0						4 6 8 10 12 14 16 18 20	TO UTILITY J.BOX TO UTILITY J.BOX TO FBO SOUTH INTERIOR ELEVATION NOT TO SCALE EQUIPMENT SCHEDULE
CMMENTS: Image: Constraint of the sector of th	LOAD C TYPE EA 5500 5600 3600 3600 100 100		DTY DEM 10 10 9 9 	VA 5500 5500 3600 100 100 400 0 0 0	REMARKS	AMPS 90 70 15 20 20	P 2 2 1 1 1 1	AMPS P A B A B A B A B B A B A B A B A A A A A A		0 0 0 0 0 0 0 0 0 0 0 0 0 0						4 6 8 10 12 14 16 18 20 22	TO UTILITY J.BOX TO UTILITY J.BOX FBO SOUTH INTERIOR ELEVATION NOT TO SCALE EQUIPMENT SCHEDULE ITEM (#) DESCRIPTION
OMMENTS: Image: Constraint of the sector of t	LOAD C TYPE EA 5500 5600 3600 3600 100 100		DEM 0 10 9 9 0 10 10 9 9 10 10 10 9 10 10 10 10 10 10 10 10 10 10 10 10 10 11 12 13 14 15 16 17 18 19 10 10 11 12 13 14 15 16 17 18 19 10 10 11 12 13 1	VA 5500 3600 100 100 100 400 0 0	REMARKS	AMPS 90 70 15 20 20	P 2 2 1 1 1 1	AMPS P A A B A		0 0 0 0 0 0 0 0 0 0 0 0						4 6 8 10 12 14 16 18 20 22 24	TO UTILITY J.BOX TO UTILITY J.BOX TO BED SOUTH INTERIOR ELEVATION NOT TO SCALE EQUIPMENT SCHEDULE ITEM (#) DESCRIPTION 1 CABLE MODEM ONNEL DOUBLE JOINT JOINT AD DESCRIPTION
OMMENTS:	LOAD C TYPE EA 5500 5600 3600 3600 100 100		2TY DEM 10 10 9 9 10 10 10 10 10 10 10 10 10 10	VA 5500 5500 3600 100 100 100 400 0 0 0 0 0	REMARKS	AMPS 90 70 15 20 20	P 2 2 1 1 1 1	AMPS P A B A B A B A B B A B A B A B A A A A A A		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						4 6 8 10 12 14 16 18 20 22	EBO SOUTH INTERIOR ELEVATION D EQUIPMENT SCHEDULE ITEM (#) DESCRIPTION 1 CABLE MODEM 2 PANELBOARD, 200A, 240/120V, 1¢, 3W, 42 SP, WITH 200A MAIN, 10,000 AIC,
OMMENTS: Image: Constraint of the sector of t	LOAD C TYPE EA 5500 5600 3600 3600 100 100		DEM 10 10 9 9 10 9 10 9 10 9 10 9 10 9 10 9 10	VA 5500 5500 3600 100 100 100 100 400 0 0 0 0 0 0 0 0 0	REMARKS	AMPS 90 70 15 20 20	P 2 2 1 1 1 1	H AMPS P A A A B A A B A A B A A B A A B A A B A A B A A B A A B A A B A A B A A B A A B A A B A A B A A B A A B A A B A A B A A A B A A A B A A A B A A A B A A A A A		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						4 6 8 10 12 14 16 18 20 22 24 24 26	EQUIPMENT SCHEDULE Interme Description 1 Cable Modem 2 PANELBOARD, 200A, 240/120V, 1¢, 3W, 42 SP, WITH 200A MAIN, 10,000 AIC, 3 PANELBOARD, 200A, 240/120V, 1¢, 3W, 42 SP, WITH 200A MAIN, 10,000 AIC,
OMMENTS: Image: Constraint of the sector of t	LOAD C TYPE EA 5500 5500 3600 3600 100 100 100 400 	Q 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DTY DEM 10 10 9 9 0 9 0 9 0 9 0 10 0 9 0 10	VA 5500 5500 3600 100 100 100 400 0 0 0 0 0 0 0 0 0 0 0		AMPS 90 70 15 20 20	P 2 2 1 1 1 1 1	H AMPS P A A A B A A		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						4 6 8 10 12 14 16 18 20 22 24 26 28	EQUIPMENT SCHEDULE TEM # DESCRIPTION 1 CABLE MODEM 2 PANELBOARD, 200A, 240/120V, 1¢, 3W, 42 SP, WITH 200A MAIN, 10,000 AIC, 3 PANELBOARD, 200A, 240/120V, 1¢, 3W, 42 SP, WITH 200A MAIN, 10,000 AIC, 4 TS-504 TANK SENTINEL MONITOR
OMMENTS: Image: Constraint of the sector of t	LOAD C TYPE EA 5500 5500 3600 100 100 100 400 400 400 400 500 800 800 800 800 800 800 800 800 8		DTY DEM 10 10 9 9 9 9 10 10 9 9 10 10 10 9 9 9 10 10	VA 5500 5500 3600 100 100 100 400 0 0 0 0 0 0 0 0 0 0 0	REMARKS	AMPS 90 70 15 20 20	P 2 2 1 1 1 1	H AMPS P A A A B A A		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	13					4 6 8 10 12 14 16 18 20 22 24 26 28	EQUIPMENT SCHEDULE Interme Description 1 Cable Modem 2 PANELBOARD, 200A, 240/120V, 1¢, 3W, 42 SP, WITH 200A MAIN, 10,000 AIC, 3 PANELBOARD, 200A, 240/120V, 1¢, 3W, 42 SP, WITH 200A MAIN, 10,000 AIC,

