



JACKSON COUNTY
ANIMAL RESCUE CENTER AND GREEN ENERGY
PARK
DILLSBORO, NORTH CAROLINA

SHEET ISSUE NO.	DATE	DESCRIPTION	BY
1	09/2/2020	ISSUE FOR BO+PERMIT	RMF

PRINCIPAL IN CHARGE: ALM
PROJECT ENGINEER: CDC
DRAWN BY: TMW

SHEET TITLE
SITE ELECTRICAL
SCHEDULES &
RISER DIAGRAM

SHEET NO. PROJ. NO.
E-605 019216.00

PANELBOARD: EX XFER STATION														
LOCATION: UPPER LOT				MAINS: MCB 225				AMPS: 225						
MOUNTING: Surface				VOLTS: 208/120 Wye										
ENCL. NEMA: Type 3R				PHASE: 3										
MIN AIG: 10,000				WIRES: 4										
PANEL NOTES: PROVIDE GROUND BUS PROVIDE FULL SIZE NEUTRAL BUS UNLESS NOTED OTHERWISE														
WIRE SIZE	LOAD DESCRIPTION	P	TRIP AMPS	TYPE	CKT	A	B	C	CKT	TYPE	TRIP AMPS	P	LOAD DESCRIPTION	WIRE SIZE
---	FUTURE CONNECTION FOR RELOCATED KILN	3	60 A	---	1	0.00	0.00		2	---	20 A	1	SPARE	---
---	---	---	---	---	3		0.00	0.00	4	---	---	---	SPACE	---
---	---	---	---	---	5			0.00	6	---	60 A	2	EXISTING OFFICE	---
---	---	---	---	---	7	0.00	0.00		8	---	---	---	---	---
---	EXISTING	3	90 A	---	9		0.00	0.00	10	---	---	---	SPACE	---
---	---	---	---	---	11			0.00	12	---	---	---	---	---
---	---	---	---	---	13	0.00	0.00		14	---	---	---	SPACE	---
---	SPARE	1	20 A	---	15				16	---	---	---	SPACE	---
---	---	---	---	---	15				16	---	---	---	---	---
TOTAL LOAD:						0.00 KVA	0.00 KVA	0.00 KVA						

PANELBOARD SUMMARY

EXISTING METERED LOAD	0.00KVA
DEMOLISHED LOAD	20.19KVA
EQUIPMENT @ 100%	28.8KVA
TOTAL KVA	0.00KVA 0.00A

PANELBOARD: EX 2 METAL SHOP														
LOCATION: ART BUILDING				MAINS: MCB				AMPS: 200						
MOUNTING: Surface				VOLTS: 208/120 Wye										
ENCL. NEMA: Type 3R				PHASE: 3										
MIN AIG: 10,000				WIRES: 4										
PANEL NOTES: PROVIDE GROUND BUS PROVIDE FULL SIZE NEUTRAL BUS UNLESS NOTED OTHERWISE														
WIRE SIZE	LOAD DESCRIPTION	P	TRIP AMPS	TYPE	CKT	A	B	C	CKT	TYPE	TRIP AMPS	P	LOAD DESCRIPTION	WIRE SIZE
---	EXISTING	1	20 A	---	1	0.00	0.00		2	---	20 A	1	EXISTING	---
---	---	---	---	---	3			0.00	4	---	---	---	SPACE	---
---	---	---	---	---	5				6	---	20 A	2	EXISTING	---
---	---	---	---	---	7	0.00	0.00		8	---	---	---	---	---
---	---	---	---	---	9			0.00	10	---	---	---	SPACE	---
---	---	---	---	---	11			0.00	12	---	---	---	---	---
---	---	---	---	---	13	0.00	0.00		14	---	---	---	SPACE	---
---	---	---	---	---	15				16	---	20 A	2	EXISTING	---
---	GRINDER PUMP	2	15 A	---	17	0.00	0.00		18	---	---	---	---	---
---	---	---	---	---	19			0.00	20	---	20 A	2	EXISTING	---
---	---	---	---	---	21			0.00	22	---	---	---	---	---
---	---	---	---	---	23			0.00	24	---	20 A	2	EXISTING	---
---	---	---	---	---	25	0.00	0.00		26	---	---	---	SPACE	---
---	---	---	---	---	27			0.00	28	---	---	---	---	---
---	---	---	---	---	29			0.00	30	---	20 A	2	EXISTING	---
---	---	---	---	---	31	0.00	0.00		32	---	---	---	---	---
---	---	---	---	---	33			0.00	34	---	---	---	SPACE	---
---	---	---	---	---	35			0.00	36	---	20 A	1	SPARE	---
---	---	---	---	---	37	0.00	0.00		38	---	---	---	---	---
---	---	---	---	---	39			0.00	40	---	20 A	3	EXISTING	---
---	---	---	---	---	41			0.00	42	---	---	---	---	---
TOTAL LOAD:						0.00 KVA	0.00 KVA	0.00 KVA						

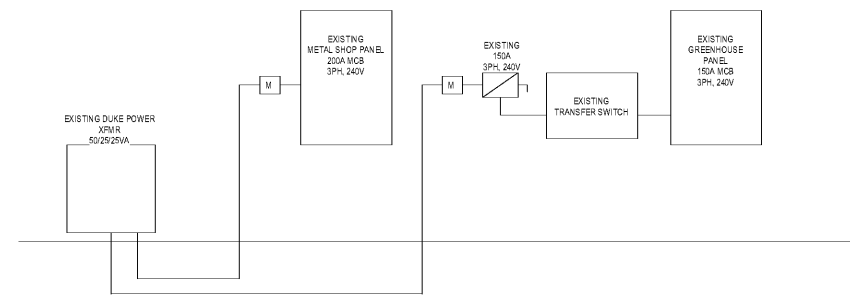
PANELBOARD SUMMARY

EXISTING METERED LOAD	0.00KVA
DEMOLISHED LOAD	20.19KVA
EQUIPMENT @ 100%	28.8KVA
TOTAL KVA	0.00KVA 0.00A

PANELBOARD: EX GREENHOUSE														
LOCATION: EXTERIOR ART BLDG				MAINS: MCB				AMPS: 150						
MOUNTING: Surface				VOLTS: 208/120 Wye										
ENCL. NEMA: Type 3R				PHASE: 3										
MIN AIG: 10,000				WIRES: 4										
PANEL NOTES: PROVIDE GROUND BUS PROVIDE FULL SIZE NEUTRAL BUS UNLESS NOTED OTHERWISE														
WIRE SIZE	LOAD DESCRIPTION	P	TRIP AMPS	TYPE	CKT	A	B	C	CKT	TYPE	TRIP AMPS	P	LOAD DESCRIPTION	WIRE SIZE
---	EXISTING	2	20 A	---	1	0.00	0.00		2	---	20 A	2	EXISTING	---
---	---	---	---	---	3				4	---	---	---	---	---
---	---	---	---	---	5			0.00	6	---	20 A	2	EXISTING	---
---	---	---	---	---	7	0.00	0.00		8	---	---	---	---	---
---	---	---	---	---	9			0.00	10	---	70 A	2	SPARE	---
---	---	---	---	---	11			0.00	12	---	---	---	---	---
---	---	---	---	---	13	0.00	0.00		14	---	20 A	1	EXISTING	---
---	---	---	---	---	15			0.00	16	---	20 A	1	EXISTING	---
---	---	---	---	---	15			0.00	18	---	20 A	1	EXISTING	---
---	TOILET BUILDING	3	100 A	---	19	0.00			20	---	---	---	---	---
---	---	---	---	---	21			0.00	22	---	---	---	---	---
---	---	---	---	---	23				24	---	---	---	---	---
---	---	---	---	---	25				26	---	---	---	---	---
---	---	---	---	---	27				28	---	---	---	---	---
---	---	---	---	---	29				30	---	---	---	---	---
TOTAL LOAD:						0.00 KVA	0.00 KVA	0.00 KVA						

PANELBOARD SUMMARY

EXISTING METERED LOAD	0.00KVA
DEMOLISHED LOAD	20.19KVA
EQUIPMENT @ 100%	28.8KVA
TOTAL KVA	0.00KVA 0.00A



EXISTING ART BUILDING/SITE RISER DIAGRAM
SCALE: N.T.S