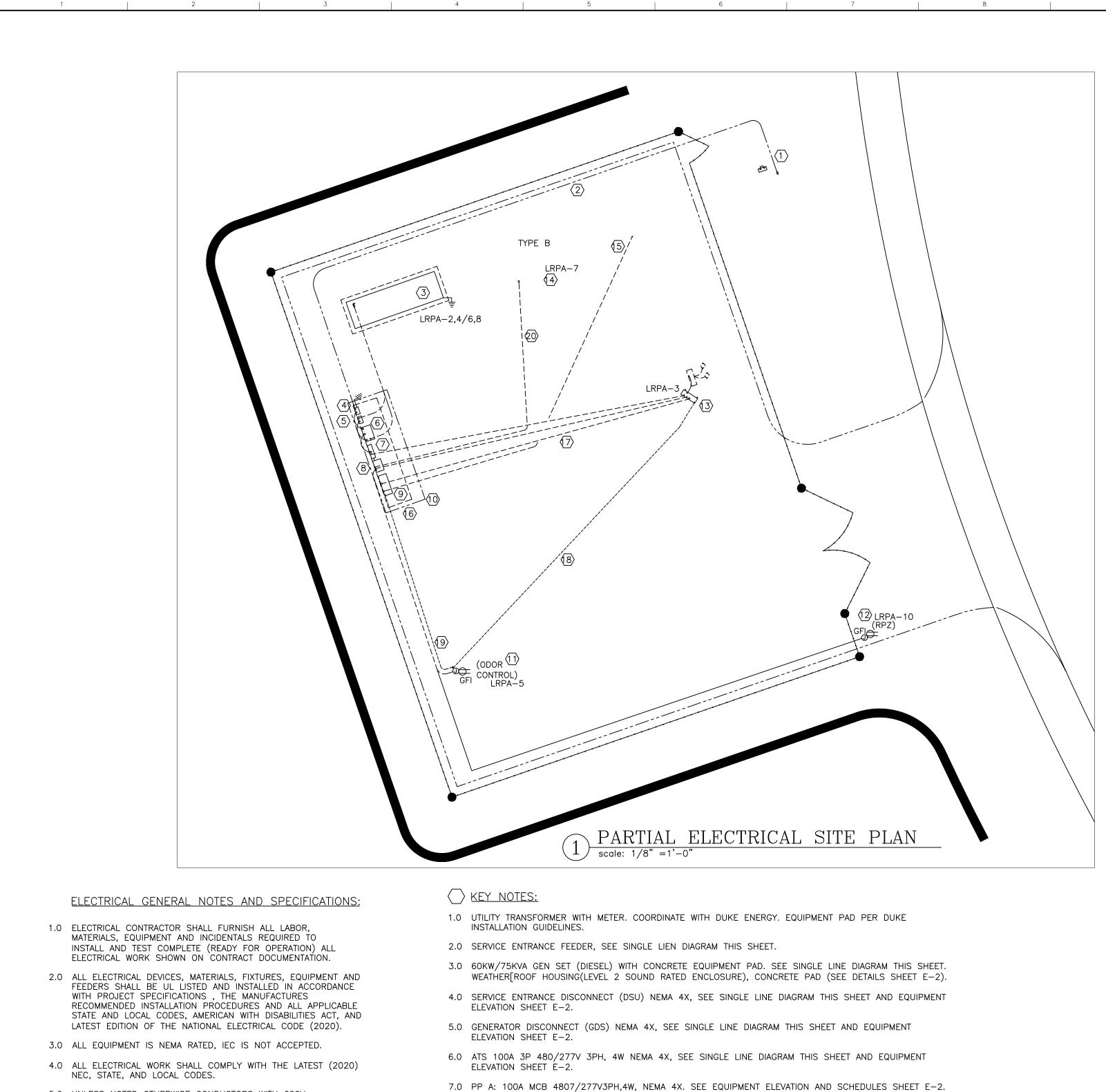
Application #
Harnett County Central Permitting 420 McKinney Pkwy / PO Box 65 Lillington, NC 27546 – centralpermitting@harnett.org Ph.: 910-893-7525 - Fax: 910-893-2793 / www.harnett.org/permits Certification of Work Performed By Owner/Contractor (Individual Trade Application)
Owner (s) of Structure: <u>Harnett Regional Water</u> Phone: 910 893 7575
Owner (s) Mailing Address:
Tenkent Cardlen av
Land Owner Name (s):Herbert SandlerPhone:Construction or Site Address:Conservatory Dr (Main St/Boykin) Buies Creek
PIN #0680_09_2725 Parcel #
Job Cost (Required): محدمك Description of Work to be done Electrical services
Waste Water Pumping Station
Mechanical: New Unit With Ductwork $_^{NA}$ New Unit Without Ductwork $_^{NA}$ Gas Piping $_^{NA}$ Other $__$
Electrical*: 200 Amp <200 Amp X Service Change Service Reconnect Other * For Progress Energy customers we need the premise number
Plumbing: Water/Sewer Tap Number of Baths Water Heater
Specific Directions to Job from Lillington:
Subdivision: Retreat at North Main Lot #:
I Jon Erik Neikens will provide theElectrical labor on this structure. (Contractors Name) (Trade)
(Contractors Name) (Trade) I am the building owner or my NC state license number is <u>U.04565</u> , which entitles me to
perform such work on the above structure legally. All work shall comply with the State Building Code and all
other applicable State and local laws, ordinances and regulations.
Bitting Electric Inc919 467 9417Contractor's Company NameTelephone
1000 Northqate Court Morrisville NC 27560 jneikens@bittingelectric.co
Address Email Address
U. 04565
License #
Structure Owner / Contractor Signature: On Enic Million Date: 05-21-24
By signing this application you affirm that you have obtained permission from the above listed license holder to purchase permits on their behalf. If doing the work as owner you understand that you cannot rent, lease or sell the listed property for 12 months after completion of the listed work

*Company name, address, & phone must match information on license

Faxed or Mailed application could have an approximately 1-5 day process time



- 5.0 UNLESS NOTED OTHERWISE CONDUCTORS WITH 600V "THHN/THWN" INSULATION RATED 75 DEG C SHALL BE USED.
- 6.0 NEUTRAL CONDUCTORS WILL HAVE WHITE INSULATION OR IDENTIFIED AS PER NEC 200.6. EQUIPMENT GROUND CONDUCTORS SHALL BE BARE OR GREEN INSULATION/JACKETING.
- 7.0 ALL DEVICE TERMINATIONS ARE RATED 75 DEG C.
- 8.0 NO MORE THAN A TOTAL OF 360 DEGREES OF BENDS IN ANY CONDUIT WITHOUT A JUNCTION BOX OR PULL POINT. PROVIDE MEYERS HUBS ON ALL ENTRIES TO PANELS BOXES, AND DEVICES WITHOUT INTEGRAL HUBS.
- 9.0 BRANCH CIRCUITS TO SWITCHES, RECEPTACLES, AND ALL OTHER DEVICES, SHALL BE TERMINATED ON THE DEVICES SCREW TERMINALS.
- 10.0 GROUND RODS ARE COPPER CLAD 10'-0" X 3/4".

1

- 11.0 ALL FEEDERS AND BRANCH CIRCUITS WILL BE TORQUED PER THE PANEL/BREAKER, AND OR EQUIPMENT MANUFACTURES SPECIFICATIONS.
- 12.0 GENERATOR SET, CONTROLS, AND ATS SHALL BE PROVIDED BY A SINGLE SUPPLIER. GENERATOR SHALL HAVE A CRITICAL GRADE MUFFLER/SILENCER.
- 13.0 ALL WIRING, BUS ASSEMBLIES AND OR WINDING ARE COPPER.
- 14.0 INSTALLATION AS SHOWN INDICATES A 3 POLE TRANSFER SWITCH WITH A SOLID NEUTRAL, AND IS NOT CONSIDERED A SEPARATELY DERIVED SYSTEM. DO NOT BOND THE NEUTRAL TO GROUND AT THE GENERATOR.

2

3

- 8.0 LRPA/MPZ 40A MCB/7.5KVA, 480-240/120V 1PH,3W.SEE EQUIPMENT ELEVATION AND SCHEDULES SHEET E-2.
- 9.0 RTU/SCADA CABINET BY OTHERS. SEE EQUIPMENT ELEVATION SHEET E-2.
- 11.0 ODOR CONTROL EQUIPMENT BY OTHERS. PROVIDE 120V (GFI RECEPT) AT EQUIPMENT PAD. (1) 1"C TO RTU, AND (1) 1"C TO WET WELL.
- 12.0 REMOTE RPZ LOCATION, 120V GFI RECEPT FOR HIT BOX.
- 13.0 NEMA 4X JUNCTION BOX AT WET WELL (36X36X8).
- EQUIPMENT ELEVATION SHEET E-2.
- 16.0 FLOW METER ASSEMBLY (READER) AT EQUIPMENT RACK, SEE ELEVATION SHEET E-2. 17.0 2"C FROM RTU/SCADA TO WET WELL (CONTROLS AND MONITORING).
- 18.0 1"C ODOR CONTROL PAD TO WET WELL.
- 19.0 1"C ODOR CONTROL PAD TO RTU/SCADA.

4

20.0 2"C RTU/SCADA TO SCADA POLE FOR ANTENNA (BY OTHERS), COAX

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14.0 AREA LIGHT (FIXTURE TYPE B) MOUNTED AT 20'-0" ON SCADA/COMMUNICATIONS POLE 55'-0". 15.0 1"C RTU/SCADA TO REMOTE FLOW TRANSMITTER, TRANSMITTER AND FLOW METER AR BY OTHERS. SEE

7

8

10.0 EQUIPMENT HOOD AND PAD FOR ELECTRICAL AND CONTROLS. SEE ELEVATION AND DETAILS SHEET E-2.

CALCULATED DEMAND LOAD		
LARGEST MOTOR (20HP) © 125%	+28.01 KVA	
MOTORS (20 HP)	+22.4 KVA	
LRP-AA (1PH)	+6 KVA	
TOTAL CONECTED LOAD	52 KVA	
CONNECTED LOAD (AMPS)	64 AMPS	(1)
CALCULATED DEMAND	25 KVA 32 AMPS	

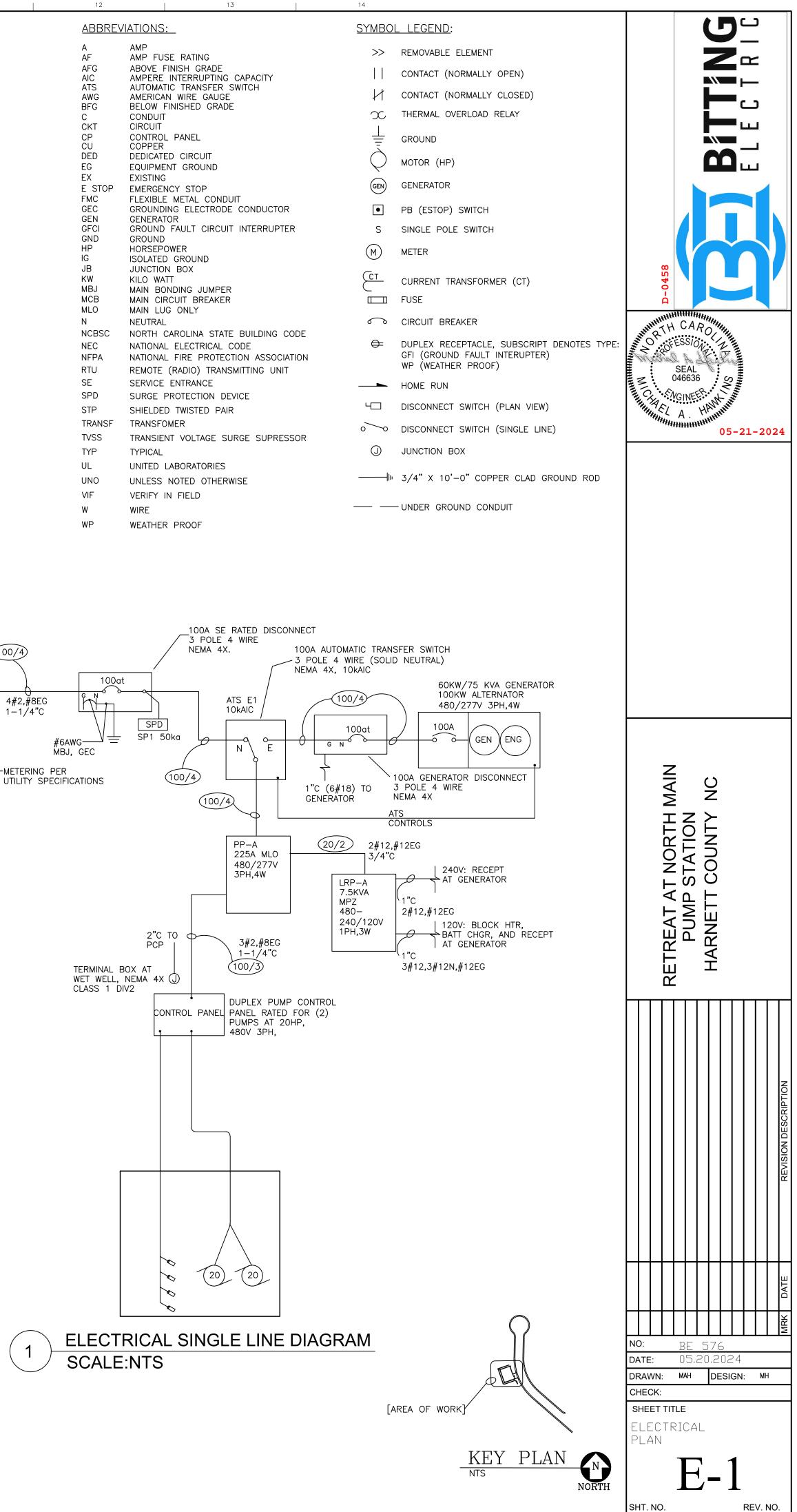
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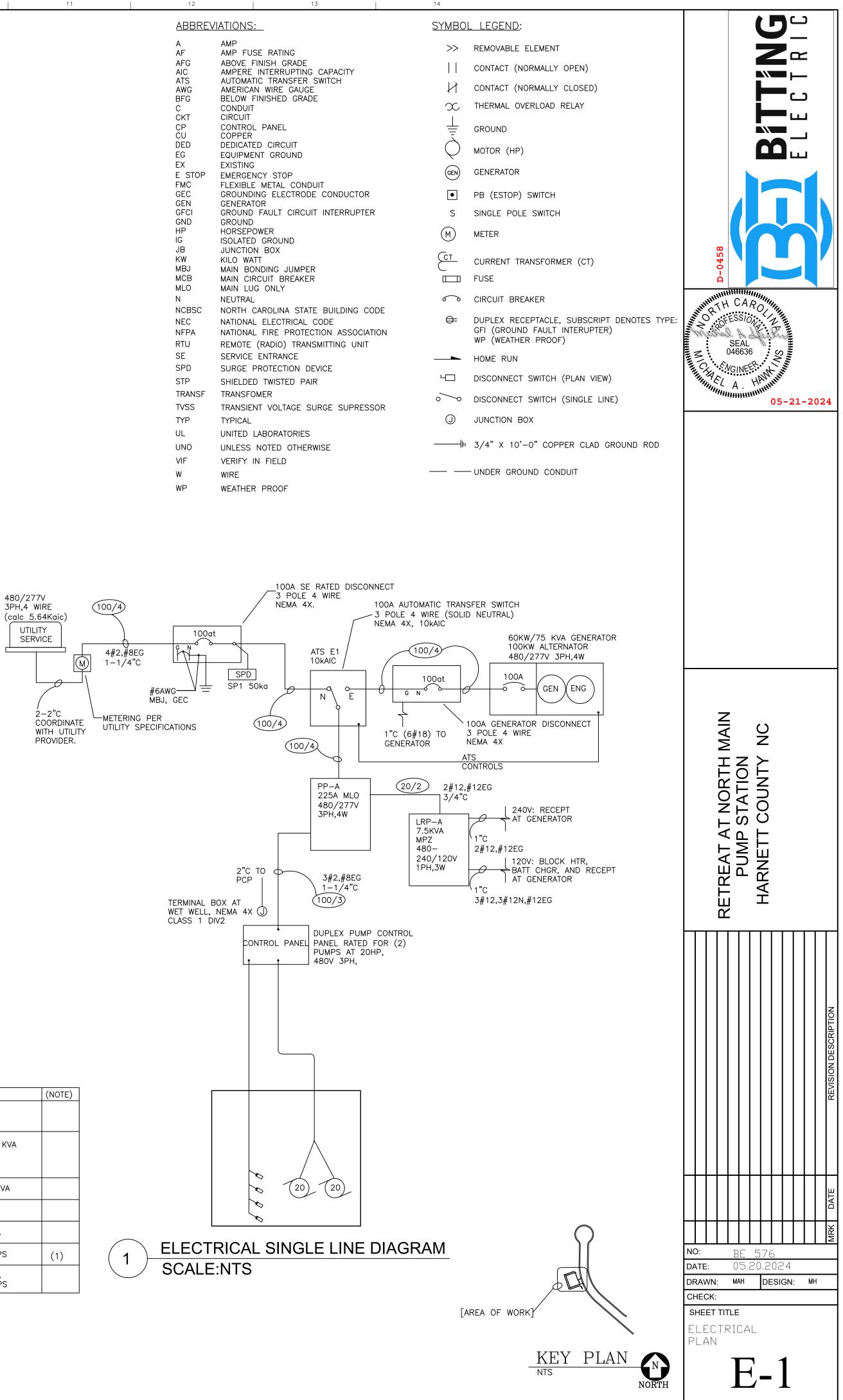
1.0 480/277V 3PH,4W 100A SERVICE

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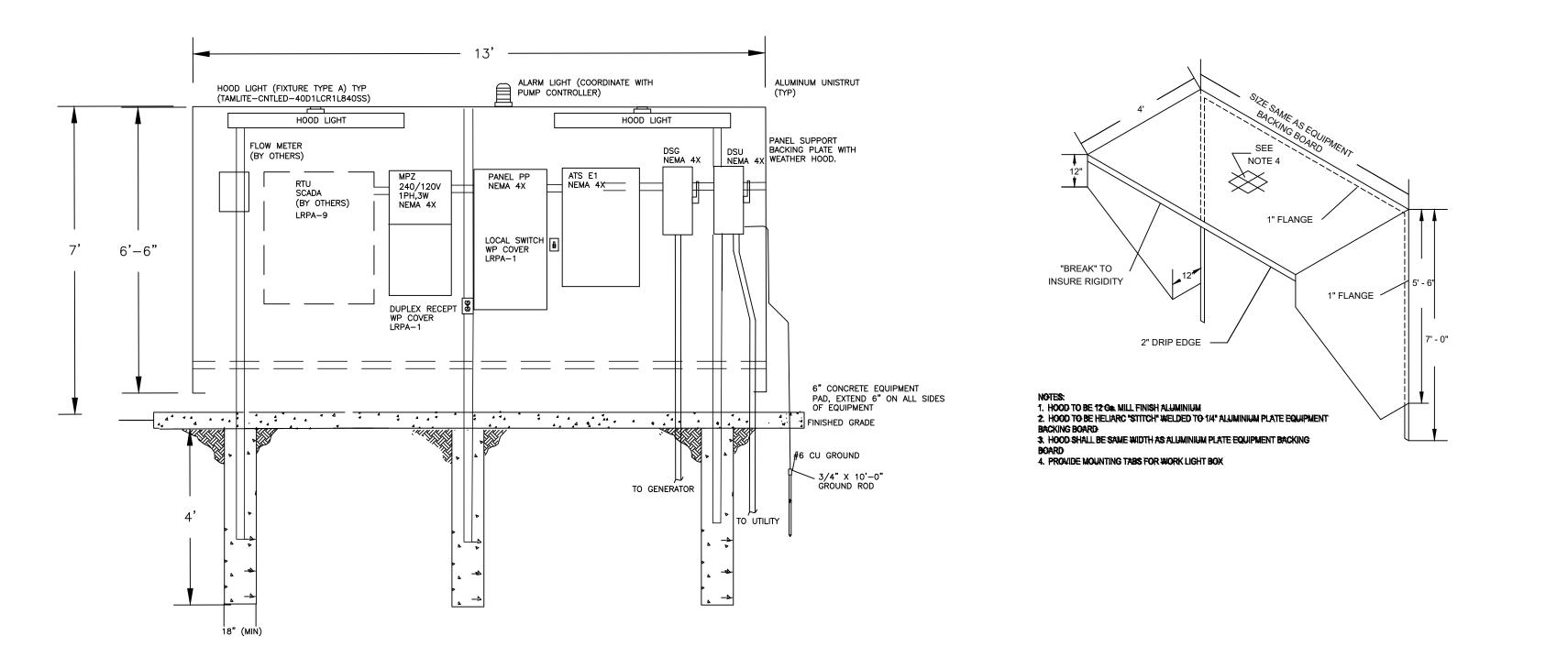
LOAD SUMMARY



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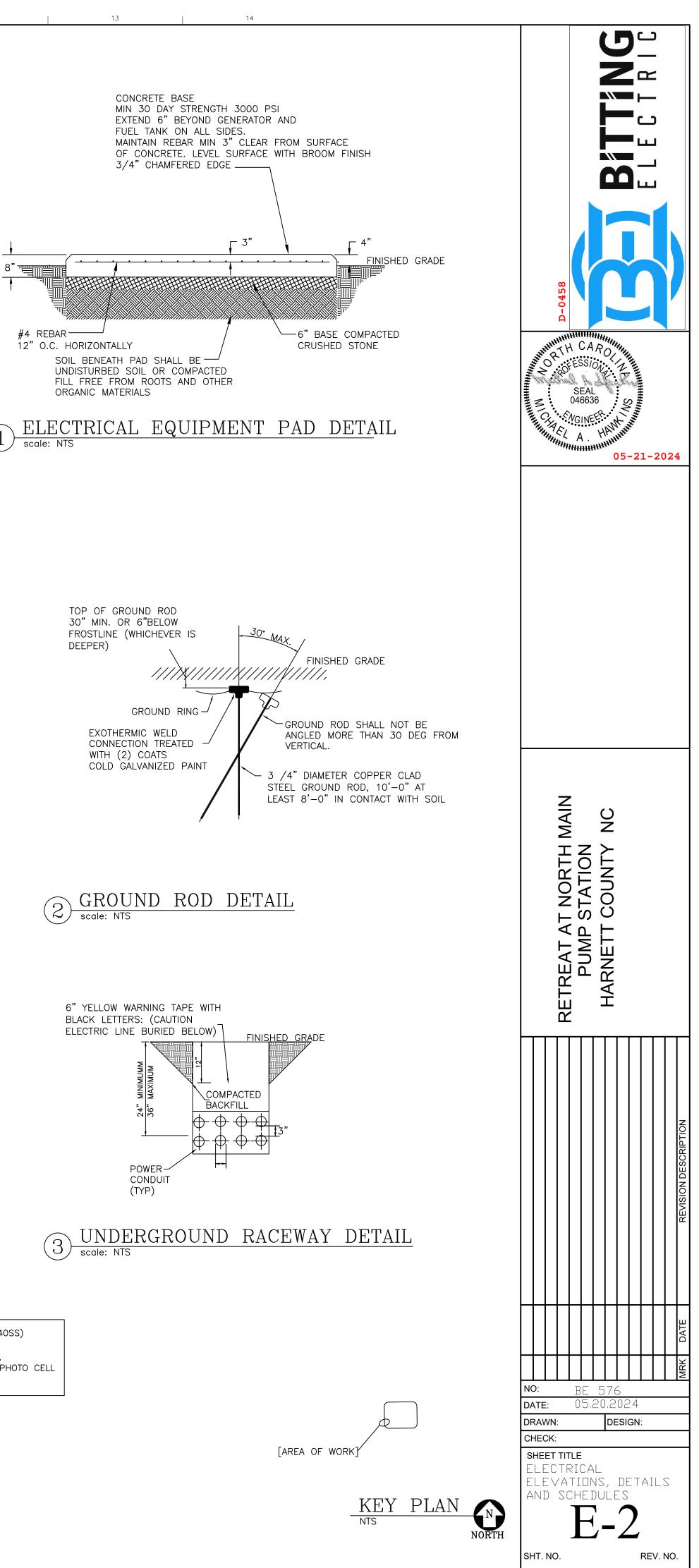


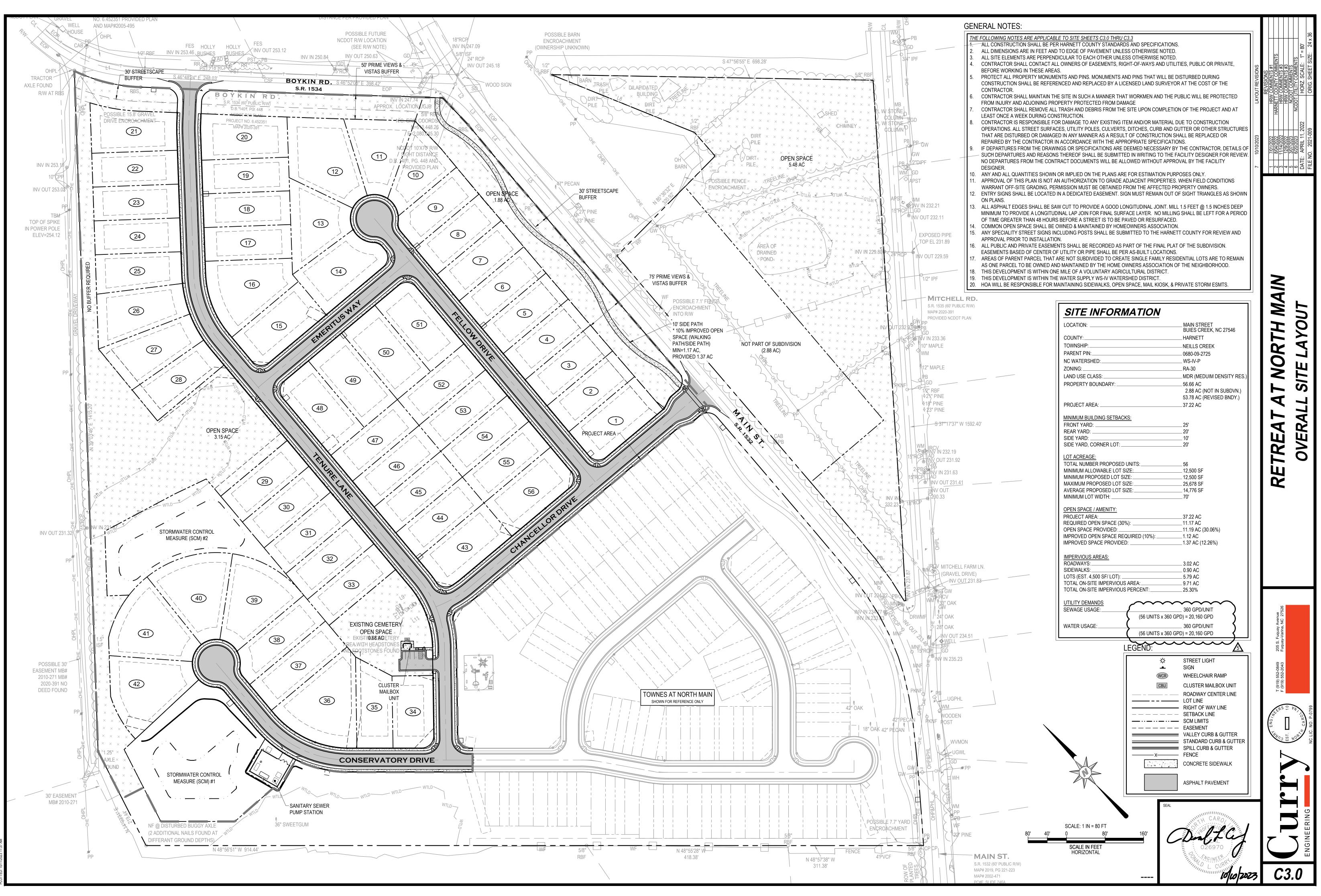
					KII O-VO	LT-AMPS	3									LOAD IN			s			
NO	LOAD DESCRIPTION	A/C	HTG	КІТ	MIS	MTS	RCP	LTG	СВ	PC	KT PH	СКТ	P CB	LTG	RCP	MTS	MIS	КІТ	HTG	A/C	- LOAD DESCRIPTION	l
1						14.9				1	Α	2	2P 20A		3.8						LRPA (RPZ 7.5KVA)	
~	WET WELL PUMPS					14.9			100A			4			3.8							
5						14.9				5	C C	6	1 20								SPARE	
	SPARE								20	1 7	A	8	1 20								SPARE	
	SPARE								20	1 9		10	1 20								SPARE SPARE	
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	SPARE								20	1 2		22	1 20								SPARE	
	SPARE								20	1 2		24	1 20								SPARE	
	CONNECTED KIL	O-VOLT-AMPS					DEM					DEMAN	D KILO-V	OLT-AMP	S					AC	CESSORIES	
	LOAD TYPE	Α	В	С	TOTAL		FACT	ORS			LOAD T	YPE	А	В	С	TOTAL		S			RFACE OR FLUSH)	
	MOTORS (MTS)	15	15	15	45		0.4			MOTOF			6	6	6	18		С			(COOPPER - ALUMINUM)	
	MISCELLANEOUS (MIS)	0	0	0	0		1.0					US	0	0	0	0		4X			URE TYPE NUMBER	
	HEATING (HTG)	0	0	0	0		1.0			HEATIN			0	0	0	0		N			UND BUS (Y/N)	
		0	0	0	0		0.8				NDITIO	NING	0	0	0	0			NUETR			
	KITCHEN RECEPTACLES	0	0	0	0		0.8			KITCH			0	0	0	0			FEED (
		4	4	0	8		NEC: 1.0					5	4	4	0	8					ROUND BAR (Y/N) D THRU LUGS (Y/N)	
		0	U	U			1.0		·				0	U U	0	0					ANCE LABEL (Y/N)	
	CONNECTED kVA (phase)		10											10								
	CONNECTED KVA (phase)	19	19	15	52					DEMAN	D kVA		10	10	6	25						
	CONNECTED AMPS (phase)	19 39	19 39	15 39	63						and a capacity of	6 (phase		20	6 12	25 31		NOTES				
									·	DEMAN	and a capacity of	<u></u>			_			NOTES				
	CONNECTED AMPS (phase)	39 67	39 67	39 54	63	LOCAT	ION: P	SELE		DEMAN	id Amps Id Amps	6 (L-N)	20 35	20 35	12 22				:			
P/	CONNECTED AMPS (phase) CONNECTED AMPS (L-N) NEL LRP-A 40A MCB	39 67	39 67 PH.,3	39 54 ₩	63			S ELF		DEMAN	id Amps Id Amps	6 (L-N)	20 35	20 35	12 22 480-24	31 40/120\	/ MPZ					
	CONNECTED AMPS (phase) CONNECTED AMPS (L-N)	39 67	39 67 PH.,3	39 54 ₩	63	LOCAT		S ELE	C RA	DEMAN		C RAT	20 35	20 35	12 22 480-24	31	/ MPZ			A/C	LOAD DESCRIPTION	
•	CONNECTED AMPS (phase) CONNECTED AMPS (L-N) NEL LRP-A 40A MCB	39 67 120/230V,1	39 67 PH.,3	39 54 N	63 I KILO-VO	LT-AMPS	3		C RA	DEMAN DEMAN	ID AMPS ID AMPS All (T PH	скт	20 35 NG: 10	20 35 Kaic	12 22 480-24	31 40/120 LOAD IN I	/ MPZ	LT-AMP	s	A/C	LOAD DESCRIPTION	
)	CONNECTED AMPS (phase) CONNECTED AMPS (L-N) NEL LRP-A 40A MCB LOAD DESCRIPTION	39 67 120/230V,1	39 67 PH.,3	39 54 N	63 I KILO-VO	LT-AMPS	RCP	LTG	С RA 20А		AII AMPS	с RAT скт 2	20 35 NG: 10 Р СВ	20 35 Kaic	12 22 480-24 RCP	31 40/120 LOAD IN I	/ MPZ	LT-AMP	s	A/C		
o	CONNECTED AMPS (phase) CONNECTED AMPS (L-N) NELLRP-A 40A MCB LOAD DESCRIPTION SERVICE RECPT/LTG EQPT RACK	39 67 120/230V,1	39 67 PH.,3	39 54 N	63 I KILO-VO	LT-AMPS	RCP 0.4	LTG	С RA СВ 20А 20А	DEMAN DEMAN CK P CI 1P 1	AII AMPS AII AII AII A A B	скт 2 4	20 35 NG: 10 P CB P 20A	20 35 Kaic	12 22 480-24 RCP	31 40/120 LOAD IN I	/ MPZ	LT-AMP	s	A/C	GENRATOR BATTERY CHARGER/R	
0	CONNECTED AMPS (phase) CONNECTED AMPS (L-N) NELLRP-A 40A MCB LOAD DESCRIPTION SERVICE RECPT/LTG EQPT RACK SERVICE RECEPT WET WELL	39 67 120/230V,1	39 67 PH.,3	39 54 N	63 I KILO-VO	LT-AMPS	RCP 0.4 0.4	LTG	С RA 20А 20А 20А 20А	DEMAN DEMAN CK P CI 1P 1 1P 3	AII AMPS AII AII A A A A A A	скт 2 4	20 35 NG: 10 P CB P 20A	20 35 Kaic	12 22 480-24 RCP	31 40/120 LOAD IN I	/ MPZ	LT-AMP	s	A/C	GENRATOR BATTERY CHARGER/R	
0	CONNECTED AMPS (phase) CONNECTED AMPS (L-N) NELLRP-A 40A MCB LOAD DESCRIPTION SERVICE RECPT/LTG EQPT RACK SERVICE RECEPT WET WELL ODOR CONTROL RECEPT AREA LIGHT SCADA/CONTROLS	39 67 120/230V,1	39 67 PH.,3	39 54 N	63 I KILO-VO	LT-AMPS	RCP 0.4 0.4	LTG 0.7	CB 20A 20A 20A 20A 20A 20A	DEMAN DEMAN CK P CI 1P 1 1P 3 1P 5 1P 7 1P 5	AII AMPS AII AII A A A A A A A A A A A	С RAT С RAT С кт 2 4 6 8 10	20 35 NG: 10 P 20A P 20A P 20A P 20A P 20A	20 35 Kaic	12 22 480-24 RCP	31 40/120 LOAD IN I	/ MPZ	LT-AMP	s		GENRATOR BATTERY CHARGER/R GENRATOR SERVICE RCEPT GENERATOR BLOCK HTR RPZ RECEPT	
	CONNECTED AMPS (phase) CONNECTED AMPS (L-N) NELLRP-A 40A MCB LOAD DESCRIPTION SERVICE RECPT/LTG EQPT RACK SERVICE RECEPT WET WELL ODOR CONTROL RECEPT AREA LIGHT	39 67 120/230V,1	39 67 PH.,3	39 54 N	63 I KILO-VO	LT-AMPS	RCP 0.4 0.4 1.0	LTG 0.7	CB 20A 20A 20A 20A 20A 20A	DEMAN DEMAN CK P CI 1P 1 1P 3 1P 5 1P 7	AII AMPS AII AII A A A A A A A A A A A	С RAT С RAT С кт 2 4 6 8 10	20 35 NG: 10 P CB P 20A P 20A P 20A	20 35 Kaic	12 22 480-24 RCP 1.0	31 40/120 LOAD IN I	/ MPZ	LT-AMP	s		GENRATOR BATTERY CHARGER/R GENRATOR SERVICE RCEPT GENERATOR BLOCK HTR	
0	CONNECTED AMPS (phase) CONNECTED AMPS (L-N) NELLRP-A 40A MCB LOAD DESCRIPTION SERVICE RECPT/LTG EQPT RACK SERVICE RECEPT WET WELL ODOR CONTROL RECEPT AREA LIGHT SCADA/CONTROLS SPARE	39 67 120/230V,1 A/C	39 67 PH.,3 HTG	39 54 N	63 I KILO-VO	LT-AMPS	RCP 0.4 0.4 1.0 0.5	LTG 0.7 0.8	CB 20A 20A 20A 20A 20A 20A	DEMAN DEMAN CK P CI 1P 1 1P 3 1P 5 1P 7 1P 5	All AMPS AMPS All A A A A A A A A B A A B A A B A B A	С RAT С RAT С кт 2 4 6 8 10 12	20 35 NG: 10 P 20A P 20A P 20A P 20A P 20A P 20A	20 35 Kaic LTG	12 22 480-24 RCP 1.0 0.4	31 40/120 LOAD IN I	/ MPZ	LT-AMP	s		GENRATOR BATTERY CHARGER/R GENRATOR SERVICE RCEPT GENERATOR BLOCK HTR RPZ RECEPT SPARE	
	CONNECTED AMPS (phase) CONNECTED AMPS (L-N) ANELLRP-A 40A MCB LOAD DESCRIPTION SERVICE RECPT/LTG EQPT RACK SERVICE RECEPT WET WELL ODOR CONTROL RECEPT AREA LIGHT SCADA/CONTROLS SPARE CONNECTED KIL	39 67 120/230V,1 A/C	39 67 PH.,3 HTG	39 54 N LOAD IN KIT	63 KILO-VO MIS	LT-AMPS	RCP 0.4 0.4 1.0 0.5 DEMA	LTG 0.7 0.8	CB 20A 20A 20A 20A 20A 20A	DEMAN DEMAN CK P CI 1P 1 1P 3 1P 5 1P 7 1P 5 1P 7 1P 9 1P 1	All AMPS All All All A A A B A A B A B A B A B A	C RAT C RAT 2 4 6 8 10 12 DEMAN	20 35 NG: 10 P 20A P 20A P 20A P 20A P 20A P 20A	20 35 Kaic LTG	12 22 480-24 RCP 1.0 0.4	31 40/120 LOAD IN I MTS	/ MPZ	LT-AMPS KIT	S HTG	AC	GENRATOR BATTERY CHARGER/R GENRATOR SERVICE RCEPT GENERATOR BLOCK HTR RPZ RECEPT SPARE CESSORIES	
0	CONNECTED AMPS (phase) CONNECTED AMPS (L-N) IDAD DESCRIPTION SERVICE RECPT/LTG EQPT RACK SERVICE RECEPT WET WELL ODOR CONTROL RECEPT AREA LIGHT SCADA/CONTROLS SPARE CONNECTED KIL LOAD TYPE	39 67 120/230V,1 A/C	39 67 PH.,3V HTG	39 54 N	63 KILO-VO MIS	LT-AMPS	RCP 0.4 0.4 1.0 0.5 DEMA FACTO	LTG 0.7 0.8 AND DRS	C RA 20A 20A 20A 20A 20A 20A 20A	DEMAN DEMAN CK P CI 1P 1 1P 3 1P 5 1P 7 1P 9 1P 1	AII AMPS AII AMPS AII A A A A A A A A A A A A A A A A A	C RAT C RAT 2 4 6 8 10 12 DEMAN	20 35 NG: 10 P 20A P 20A P 20A P 20A P 20A P 20A P 20A P 20A	20 35 Kaic LTG	12 22 480-24 RCP 1.0 0.4	31 40/120\ LOAD IN I MTS	/ MPZ	LT-AMPS KIT	S HTG	AC ING (S U	GENRATOR BATTERY CHARGER/R GENRATOR SERVICE RCEPT GENERATOR BLOCK HTR RPZ RECEPT SPARE CESSORIES RFACE OR F LUSH)	
0	CONNECTED AMPS (phase) CONNECTED AMPS (L-N) ANELLRP-A 40A MCB LOAD DESCRIPTION SERVICE RECPT/LTG EQPT RACK SERVICE RECEPT WET WELL ODOR CONTROL RECEPT AREA LIGHT SCADA/CONTROLS SPARE CONNECTED KIL LOAD TYPE MOTORS (MTS)	39 67 120/230V,1 A/C	39 67 PH.,3V HTG B 0	39 54 N LOAD IN KIT	63 KILO-VO MIS TOTAL 0	LT-AMPS	RCP 0.4 0.4 1.0 0.5 DEMA FACTO 0.8	LTG 0.7 0.8 0.8	C RA 20A 20A 20A 20A 20A	DEMAN DEMAN CK P CI 1P 1 1P 3 1P 5 1P 7 1P 5 1P 7 1P 9 1P 1 1 1P 1	All AMPS All All All A A A B A A B A A B 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	С RAT С RAT С КТ 2 4 6 8 10 12 DEMAN YPE	20 35 NG: 10 P 20A P 20A P 20A P 20A P 20A P 20A P 20A A 0	20 35 Kaic LTG	12 22 480-24 RCP 1.0 0.4	31 40/120 LOAD IN I MTS	/ MPZ	LT-AMPS KIT	S HTG MOUNT BUS MA	AC ING (S U	GENRATOR BATTERY CHARGER/R GENRATOR SERVICE RCEPT GENERATOR BLOCK HTR RPZ RECEPT SPARE CESSORIES RFACE OR FLUSH) (COOPPER - ALUMINUM)	
	CONNECTED AMPS (phase) CONNECTED AMPS (L-N) IDAD DESCRIPTION SERVICE RECPT/LTG EQPT RACK SERVICE RECEPT WET WELL ODOR CONTROL RECEPT AREA LIGHT SCADA/CONTROLS SPARE CONNECTED KIL LOAD TYPE	39 67 120/230V,1 A/C 0	39 67 PH.,3V HTG	39 54 N LOAD IN KIT	63 KILO-VO MIS	LT-AMPS	RCP 0.4 0.4 1.0 0.5 DEMA FACTO	LTG 0.7 0.8 0.8	C RA 20A 20A 20A 20A 20A 20A	DEMAN DEMAN CK P CI 1P 1 1P 3 1P 5 1P 7 1P 5 1P 7 1P 9 1P 1 1 1P 1	AII AMPS AII AMPS AII A A A A B A A B A A B A B A A B A A B A A B A C A C	С RAT С RAT С КТ 2 4 6 8 10 12 DEMAN YPE	20 35 NG: 10 P 20A P 20A P 20A P 20A P 20A P 20A P 20A P 20A	20 35 Kaic LTG	12 22 480-24 RCP 1.0 0.4	31 40/120\ LOAD IN I MTS	/ MPZ	LT-AMPS KIT	S HTG MOUNT BUS MA NEMA E		GENRATOR BATTERY CHARGER/R GENRATOR SERVICE RCEPT GENERATOR BLOCK HTR RPZ RECEPT SPARE CESSORIES RFACE OR F LUSH)	
	CONNECTED AMPS (phase) CONNECTED AMPS (L-N) CONNECTED AMPS (L-N) CONNECTED AMPS (L-N) CONDECTED AMPS (L-N) CONDECTED TO LOAD DESCRIPTION SERVICE RECPT/LTG EQPT RACK SERVICE RECPT/LTG EQPT RACK SERVICE RECEPT WET WELL ODOR CONTROL RECEPT AREA LIGHT SCADA/CONTROLS SPARE CONNECTED KIL LOAD TYPE MOTORS (MTS) MISCELLANEOUS (MIS)	39 67 120/230V,1 A/C 0 0	39 67 PH.,3V HTG B 0 2	39 54 N LOAD IN KIT	63 KILO-VO MIS TOTAL 0 2	LT-AMPS	RCP 0.4 0.4 1.0 0.5 DEMA FACTO 0.8 0.4	LTG 0.7 0.8 0.8	CRA 20A 20A 20A 20A 20A 20A	DEMAN DEMAN CK P CI 1P 1 1P 3 1P 5 1P 7 1P 5 1P 7 1P 3 1P 7 1P 3 1P 1 1 1P 3 1P 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AII AMPS AMPS AII AII A A A A B A A B A A B A A B A A B A A B A A C A C	C RAT C RAT C RAT 2 4 6 8 10 12 DEMAN YPE	20 35 NG: 10 P 20A P 20A P 20A P 20A P 20A P 20A C XILO-VC A 0 0	20 35 Kaic LTG	12 22 480-24 RCP 1.0 0.4	31 40/120 LOAD IN I MTS TOTAL 0 1	/ MPZ	LT-AMPS KIT S C 1 N	S HTG MOUNT BUS MA NEMA E	AC ING (S U ITERIAL ED GRO	GENRATOR BATTERY CHARGER/R GENRATOR SERVICE RCEPT GENERATOR BLOCK HTR RPZ RECEPT SPARE CESSORIES RFACE OR FLUSH) (COOPPER - ALUMINUM) JRE TYPE NUMBER UND BUS (Y/N)	
	CONNECTED AMPS (phase) CONNECTED AMPS (L-N) CONNECTED AMPS (L-N) CONNECTED AMPS (L-N) CONDECTED AMPS (L-N) CONDECTED FOR CONDECTED FOR CONTROL RECEPT TO AREA LIGHT SCADA/CONTROLS SPARE CONNECTED KIL LOAD TYPE MOTORS (MTS) MISCELLANEOUS (MIS) HEATING (HTG)	39 67 120/230V,1 A/C 0 0 0 0 0 0	39 67 PH.,3V HTG B 0 2 0	39 54 N LOAD IN KIT	63 KILO-VO MIS TOTAL 0 2 0	LT-AMPS	RCP 0.4 0.4 1.0 0.5 DEMA FACTO 0.8 0.4 1.0	LTG 0.7 0.8 0.8 0 0 0 0 0 0 0	CB 20A 20A 20A 20A 20A 20A	DEMAN DEMAN CK P CI 1P 1 1P 3 1P 5 1P 7 1P 5 1P 7 1P 3 1P 7 1P 3 1P 1 1 1P 3 1P 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AII AMPS AMPS AII AII A A A A A A A A A A A A A A A	C RAT C RAT C RAT 2 4 6 8 10 12 DEMAN YPE	20 35 NG: 10 P 20A P 20A P 20A P 20A P 20A P 20A P 20A O KILO-VC A 0 0 0	20 35 Kaic LTG DLT-AMPS B 0 1 0	12 22 480-24 RCP 1.0 0.4	31 40/120 LOAD IN I MTS TOTAL 0 1 0	/ MPZ	LT-AMPS KIT S C 1 N 100.0	S HTG MOUNT BUS MA NEMA E ISOLATE	AC ING (S U ITERIAL ED GRO AL (1009	GENRATOR BATTERY CHARGER/R GENRATOR SERVICE RCEPT GENERATOR BLOCK HTR RPZ RECEPT SPARE CESSORIES RFACE OR FLUSH) (COOPPER - ALUMINUM) JRE TYPE NUMBER UND BUS (Y/N) 6,200%)	
	CONNECTED AMPS (phase) CONNECTED AMPS (L-N) CONNECTED AMPS (L-N) CONNECTED AMPS (L-N) CONDECTED AMPS (L-N) CONDECTED AMPS (L-N) COAD DESCRIPTION SERVICE RECEPT/LTG EQPT RACK SERVICE RECEPT/LTG EQPT RACK SERVICE RECEPT WET WELL ODOR CONTROL RECEPT AREA LIGHT SCADA/CONTROLS SPARE CONNECTED KIL LOAD TYPE MOTORS (MTS) MISCELLANEOUS (MIS) HEATING (HTG) AIR CONDITIONING (A/C)	39 67 120/230V,1 A/C A/C 	39 67 PH.,3V HTG B 0 2 0 0	39 54 N LOAD IN KIT	63 KILO-VO MIS TOTAL 0 2 0 0	LT-AMPS	RCP 0.4 0.4 1.0 0.5 DEMA FACTO 0.8 0.4 1.0	LTG 0.7 0.8 0.8 0 0 0 0 0 0 0 0 0 0 0 0 0 0	C RA 20A 20A 20A 20A 20A 20A	DEMAN DEMAN DEMAN CK P CI 1P 1 1P 3 1P 5 1P 7 1P 5 1P 7 1P 3 1P 1 1P 3 1P 1 1P 1 1P 3 1P 1 1P 1	AII AMPS AMPS AII AII A A A A A A A A A A A A A A A	C RAT C RAT 2 4 6 8 10 12 DEMAN YPE US	20 35 NG: 10 P 20A P 20A P 20A P 20A P 20A P 20A P 20A C 0 0 0 0 0 0 0	20 35 Kaic LTG	12 22 480-24 RCP 1.0 0.4	31 40/120 LOAD IN I MTS TOTAL 0 1 0 0	/ MPZ	LT-AMPS KIT S C 1 N 100.0	S HTG MOUNT BUS MA NEMA E ISOLATE NUETR/ FEED (T	AC ING (S U ITERIAL ED GRO AL (1009	GENRATOR BATTERY CHARGER/R GENRATOR SERVICE RCEPT GENERATOR BLOCK HTR RPZ RECEPT SPARE CESSORIES RFACE OR FLUSH) (COOPPER - ALUMINUM) JRE TYPE NUMBER UND BUS (Y/N) 6,200%)	
	CONNECTED AMPS (phase) CONNECTED AMPS (L-N) CONNECTED AMPS (L-N) CONNECTED AMPS (L-N) CONDECTED AMPS (L-N) CONDECTED AMPS (L-N) COAD DESCRIPTION SERVICE RECEPT/LTG EQPT RACK SERVICE RECEPT WET WELL ODOR CONTROL RECEPT AREA LIGHT SCADA/CONTROLS SPARE CONNECTED KIL LOAD TYPE MOTORS (MTS) MISCELLANEOUS (MIS) HEATING (HTG) AIR CONDITIONING (A/C) KITCHEN	39 67 120/230V,1 A/C A/C 0 0 0 0 0 0 0 0 0 0 0	39 67 PH.,3V HTG B 0 2 0 0 0 0	39 54 N LOAD IN KIT	63 KILO-VO MIS TOTAL 0 2 0 0 0 0	LT-AMPS	RCP 0.4 0.4 1.0 0.5 DEMA FACTO 0.8 0.8 0.8 0.8 0.8 0.8 0.8	LTG 0.7 0.8 0.8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	C RA 20A 20A 20A 20A 20A 20A	DEMAN DEMAN DEMAN CK P CI 1P 1 1P 3 1P 5 1P 7 1P 5 1P 7 1P 3 1P 1 1P 3 1P 1 1P 1 1P 3 1P 1 1P 1	AII AMPS AMPS AMPS AII A A A A A A B A A A B A A A B A A A B A A A B A A A B A A A B A A A B A A A B A A A B A A A B A A A A B A	C RAT C RAT 2 4 6 8 10 12 DEMAN YPE US	20 35 35 NG: 10 P 20A P 20A P 20A P 20A P 20A P 20A P 20A O 0 0 0 0 0 0 0 0 0	20 35 Kaic LTG DLT-AMPS B 0 1 0 0 0	12 22 480-24 RCP 1.0 0.4	31 40/120 LOAD IN I MTS TOTAL 0 1 0 0	/ MPZ	LT-AMPS KIT S C 1 N 100.0 T	S HTG MOUNT BUS MA NEMA E ISOLATE NUETRA FEED (T EQUIPM	AC ING (SU ITERIAL ED GRO AL (1009 FOP/BOT MENT GR	GENRATOR BATTERY CHARGER/R GENRATOR SERVICE RCEPT GENERATOR BLOCK HTR RPZ RECEPT SPARE CESSORIES RFACE OR FLUSH) (COOPPER - ALUMINUM) JRE TYPE NUMBER UND BUS (Y/N) 6,200%) TOM)	
	CONNECTED AMPS (phase) CONNECTED AMPS (L-N) CONNECTED AMPS (L-N) CONNECTED AMPS (L-N) CONDECTED AMPS (L-N) CONDECTED AMPS (L-N) CONDECTED FILL COAD DESCRIPTION SERVICE RECEPT/LTG EQPT RACK SERVICE RECEPT WET WELL ODOR CONTROL RECEPT AREA LIGHT SCADA/CONTROLS SPARE CONNECTED KIL LOAD TYPE MOTORS (MTS) MISCELLANEOUS (MIS) HEATING (HTG) AIR CONDITIONING (A/C) KITCHEN RECEPTACLES	39 67 120/230V,1 A/C A/C 0 0 0 0 0 0 0 0 0 0 0	39 67 PH.,3V HTG B 0 2 0 0 0 0	39 54 N LOAD IN KIT	63 KILO-VO MIS TOTAL 0 2 0 0 0 0 4	LT-AMPS	RCP 0.4 0.4 0.4 0.5 DEM# FACTC 0.8 0.4 1.0 0.5	LTG 0.7 0.8 0.8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	C RA 20A 20A 20A 20A 20A 20A	DEMAN DEMAN DEMAN CK P CI 1P 1 1P 3 1P 5 1P 7 1P 3 1P 5 1P 1 1P 1 1P 1 1P 1 1P 1 1P 1 1P 1	AII AMPS AMPS AMPS AII A A A A A A B A A A B A A A B A A A B A A A B A A A B A A A B A A A B A A A B A A A B A A A B A A A A B A	C RAT C RAT 2 4 6 8 10 12 DEMAN YPE US	20 35 NG: 10 P 20A P 20A P 20A P 20A P 20A P 20A P 20A O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	20 35 Kaic LTG DLT-AMPS B 0 1 0 0 0	12 22 480-24 RCP 1.0 0.4	31 40/120 LOAD IN I MTS TOTAL 0 1 0 0 4	/ MPZ	LT-AMPS KIT S C 1 N 100.0 T Y	S HTG MOUNT BUS MA NEMA E ISOLATE NUETR/ FEED (T EQUIPM UL LIST	AC ING (S U ITERIAL ED GRO AL (1009 FOP/BOT MENT GR	GENRATOR BATTERY CHARGER/R GENRATOR SERVICE RCEPT GENERATOR BLOCK HTR RPZ RECEPT SPARE CESSORIES RFACE OR FLUSH) (COOPPER - ALUMINUM) JRE TYPE NUMBER UND BUS (Y/N) 6,200%) TOM)	
	CONNECTED AMPS (phase) CONNECTED AMPS (L-N) CONNECTED AMPS (L-N) CONNECTED AMPS (L-N) CONDECTED AMPS (L-N) CONDECTED AMPS (L-N) CONDECTED FILL COAD DESCRIPTION SERVICE RECEPT/LTG EQPT RACK SERVICE RECEPT WET WELL ODOR CONTROL RECEPT AREA LIGHT SCADA/CONTROLS SPARE CONNECTED KIL LOAD TYPE MOTORS (MTS) MISCELLANEOUS (MIS) HEATING (HTG) AIR CONDITIONING (A/C) KITCHEN RECEPTACLES	39 67 120/230V,1 A/C A/C 0 0 0 0 0 0 0 0 0 0 0	39 67 PH.,3V HTG B 0 2 0 0 0 0	39 54 N LOAD IN KIT	63 KILO-VO MIS TOTAL 0 2 0 0 0 0 4	LT-AMPS	RCP 0.4 0.4 0.4 0.5 DEM# FACTC 0.8 0.4 1.0 0.5	LTG 0.7 0.8 0.8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	C RA 20A 20A 20A 20A 20A	DEMAN DEMAN DEMAN CK P CI 1P 1 1P 3 1P 5 1P 7 1P 5 1P 7 1P 5 1P 7 1P 5 1P 1 1 1P 3 1P 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AII AMPS AMPS AMPS AII A A A A A A A A A B A 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 B A A A B A A A B A A A B A A A B A A A A B A A A A A A A B A A A B A A A B A A A A B A A A A A B A	C RAT C RAT C RAT 2 4 6 8 10 12 DEMAN YPE US	20 35 NG: 10 P 20A P 20A P 20A P 20A P 20A P 20A P 20A D 2	20 35 Kaic LTG DLT-AMPS B 0 1 0 0 0	12 22 480-24 RCP 1.0 0.4	31 40/120 LOAD IN I MTS TOTAL 0 1 0 0 4	/ MPZ	LT-AMPS KIT S C 1 N 100.0 T Y	S HTG MOUNT BUS MA NEMA E ISOLATE NUETR/ FEED (T EQUIPM UL LIST	AC ING (S U ITERIAL ED GRO AL (1009 FOP/BOT MENT GR	GENRATOR BATTERY CHARGER/R GENRATOR SERVICE RCEPT GENERATOR BLOCK HTR RPZ RECEPT SPARE CESSORIES RFACE OR FLUSH) (COOPPER - ALUMINUM) JRE TYPE NUMBER UND BUS (Y/N) 6,200%) TOM) COUND BAR (Y/N)	
	CONNECTED AMPS (phase) CONNECTED AMPS (L-N) CONNECTED AMPS (L-N) IDAD DESCRIPTION SERVICE RECPT/LTG EQPT RACK SERVICE RECEPT WET WELL ODOR CONTROL RECEPT AREA LIGHT SCADA/CONTROLS SPARE CONNECTED KIL LOAD TYPE MOTORS (MTS) MISCELLANEOUS (MIS) HEATING (HTG) AIR CONDITIONING (A/C) KITCHEN RECEPTACLES LIGHTING	39 67 120/230V,1 A/C A/C A C-VOLT-AMPS A 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0	39 67 PH.,3V HTG B 0 2 0 0 0 0 0 1	39 54 N LOAD IN KIT	63 KILO-VO MIS TOTAL 0 2 0 0 0 4 2	LT-AMPS	RCP 0.4 0.4 0.4 0.5 DEM# FACTC 0.8 0.4 1.0 0.5	LTG 0.7 0.8 0.8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	C RA 20A 20A 20A 20A 20A	DEMAN DEMAN DEMAN CK P CI 1P 1 1P 3 1P 5 1P 7 1P 5 1P 7 1P 5 1P 7 1P 5 1P 1 1 1P 3 1P 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AII AMPS AMPS AMPS AII A A A A A A A A A B A A A B A A A B A A A B A A A B A A A B A A A B A A A B A A A B A A A B A A A B A A A B A A A B A A A A A B A A A B A A A B A A A A A A B A A A A A B A	C RAT C RAT 2 4 6 8 10 12 DEMAN YPE US	20 35 NG: 10 P 20A P 20A P 20A P 20A P 20A P 20A P 20A D 2	20 35 Kaic LTG	12 22 480-24 RCP 1.0 0.4	31 40/120 LOAD IN I MTS TOTAL 0 1 0 0 4 2	/ MPZ (ILO-VO MIS 1.5	LT-AMPS KIT S C 1 N 100.0 T Y	S HTG MOUNT BUS MA NEMA E ISOLATE NUETR/ FEED (T EQUIPM UL LIST SERVIC	AC ING (S U ITERIAL ED GRO AL (1009 FOP/BOT MENT GR	GENRATOR BATTERY CHARGER/R GENRATOR SERVICE RCEPT GENERATOR BLOCK HTR RPZ RECEPT SPARE CESSORIES RFACE OR FLUSH) (COOPPER - ALUMINUM) JRE TYPE NUMBER UND BUS (Y/N) 6,200%) TOM) COUND BAR (Y/N)	

4 ELECTRICAL EQUIPMENT HOOD DETAILS

FIXTURE TYPE A: HOOD LIGHT (TAMLITE-CNTLED-40D1LCR1L840SS) FIXTURE TYPE B: AREA LIGHT, ARM MOUNTED TO WOOD POLE, TAMLITE DDSLED805K, 80W LED (5K) WITH PHOTO CELL AND ARM MOUNT BRACKET.

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DJECTS FOLDER-ZEBULON/2021/2021-009 DAVIDSON HOMES - BUIES CREEKIPLANS/CONSTRUCTION DRAWINGSISHEET FILES - SINGLE FAMILY/C3.0 OVERALL SITE LAYOUT.DV