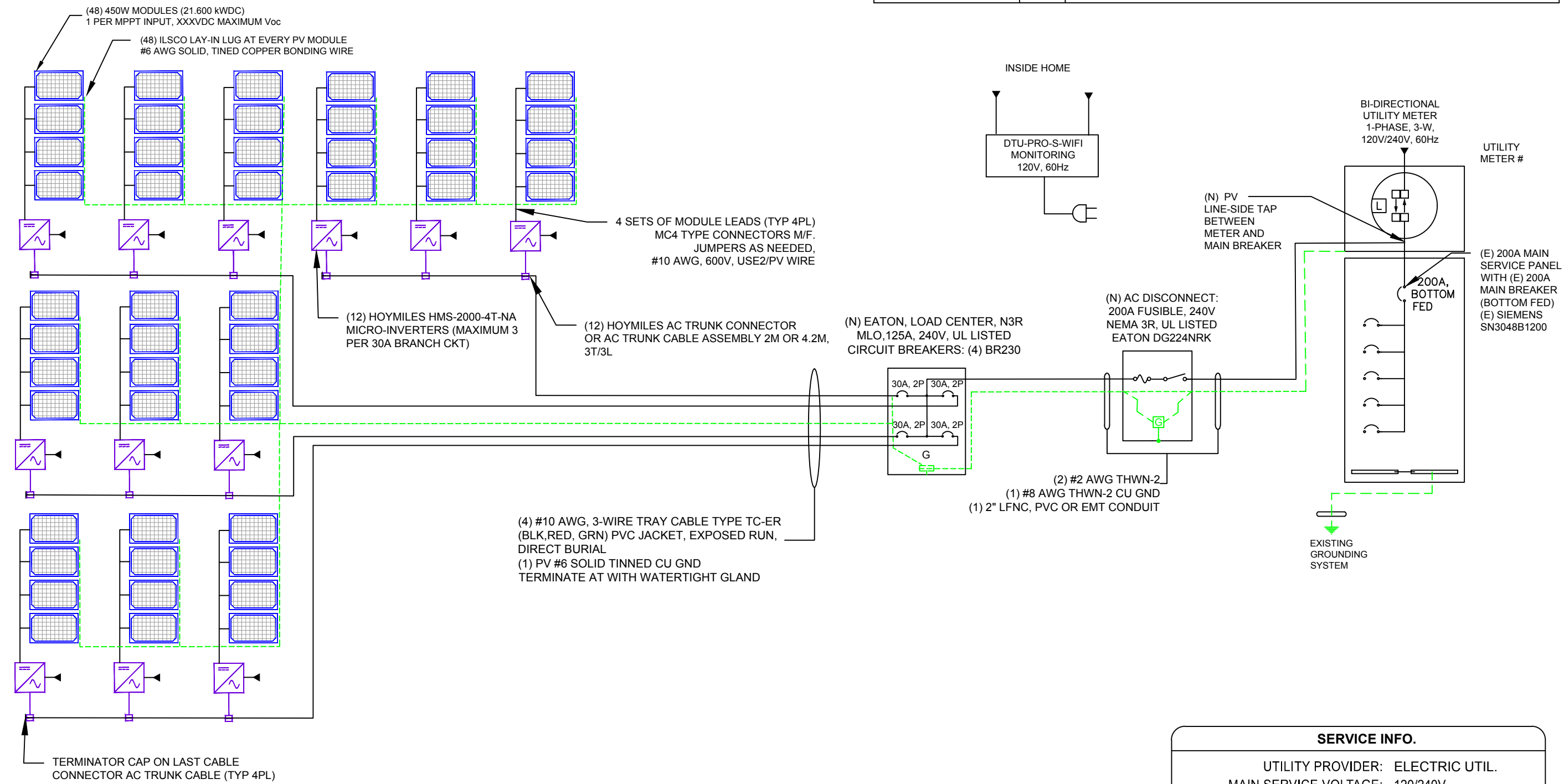


(48) ZNSHINE 450W BIFACIAL (450W) MODULES  
(12) HOYMILES HMS-2000-4T-NA QUAD MICRO-INVERTERS  
(4) BRANCHES OF 3 INVERTERS CONNECTED IN PARALLEL

SYSTEM SIZE: 48 x 450W = 21.600 kWDC  
SYSTEM SIZE: 12 x 1928VA = 23.136 KVA AC



BILL OF MATERIALS		
EQUIPMENT	QTY	DESCRIPTION
SOLAR PV MODULE	48	ZNSHINE 450W BIFACIAL (450W) MODULES
INVERTER	12	HOYMILES HMS-2000-4T-NA QUAD MICRO-INVERTERS
MONITORING	1	DTU-PRO-S-WIFI MONITORING DEVICE
AC COMBINER BOX	1	EATON, 125A, 120/240V, MLO, NEMA 3R, UL LISTED WITH (4) BR230 BREAKERS
AC DISCONNECT	1	EATON DG22RNRK 240VAC, 200A, FUSIBLE, NEMA 3R, UL LISTED
FUSES	2	FRS-R-150, 150A, CLASS R

NC SOLAR ELECTRIC LLC  
THE HIGHEST SOLAR RETURN ON INVESTMENT

(877) 58-SOLAR

NC SOLAR ELECTRIC LLC  
105 ROCK ISLAND DR, STATESVILLE, NC .28625 USA  
PHONE: (704) 603-7347  
EMAIL: tdesiato@ncsolarelectric.com

VERSION		
DESCRIPTION	DATE	REV
DRAFT	8/09/22	A

PROJECT NAME

#NAME

#ADDRESS

APN#

UTILITY:

AHJ:

SHEET NAME
ELECTRICAL LINE DIAGRAM
SHEET SIZE
ANSI B 11" X 17"
SHEET NUMBER
E-1

**NOTE:**  
AC DISCONNECT IS RAPID SHUTDOWN SWITCH

SERVICE INFO.	
UTILITY PROVIDER:	ELECTRIC UTIL.
MAIN SERVICE VOLTAGE:	120/240V
MAIN PANEL BRAND:	XXX
MAIN SERVICE PANEL:	(E) 200A
MAIN CIRCUIT BREAKER RATING:	(E) 200A
MAIN SERVICE LOCATION:	SOUTH
SERVICE FEED SOURCE:	UNDERGROUND