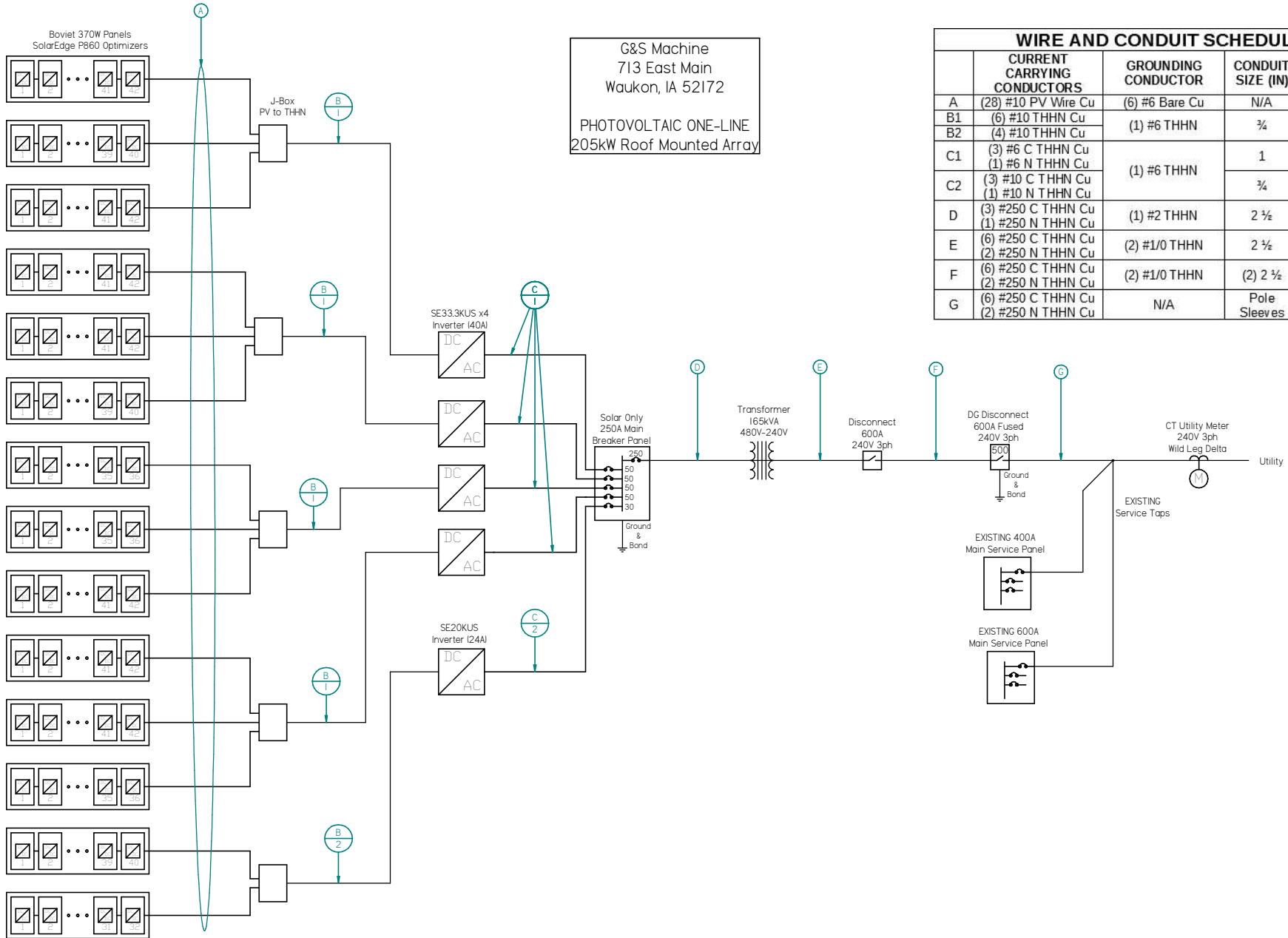




G&S Machine
713 East Main
Waukon, IA 52172

PHOTOVOLTAIC ONE-LINE
205kW Roof Mounted Array

WIRE AND CONDUIT SCHEDULE				
	CURRENT CARRYING CONDUCTORS	GROUNDING CONDUCTOR	CONDUIT SIZE (IN)	CONDUIT TYPE
A	(28) #10 PV Wire Cu	(6) #6 Bare Cu	N/A	N/A
B1	(6) #10 THHN Cu	(1) #6 THHN	¾	EMT
B2	(4) #10 THHN Cu			
C1	(3) #6 C THHN Cu (1) #6 N THHN Cu	(1) #6 THHN	1	NM Flex PVC
C2	(3) #10 C THHN Cu (1) #10 N THHN Cu		¾	
D	(3) #250 C THHN Cu (1) #250 N THHN Cu	(1) #2 THHN	2 ½	NM Flex PVC
E	(6) #250 C THHN Cu (2) #250 N THHN Cu	(2) #1/0 THHN	2 ½	NM Flex PVC
F	(6) #250 C THHN Cu (2) #250 N THHN Cu	(2) #1/0 THHN	(2) 2 ½	PVC
G	(6) #250 C THHN Cu (2) #250 N THHN Cu	N/A	Pole Sleeves	PVC