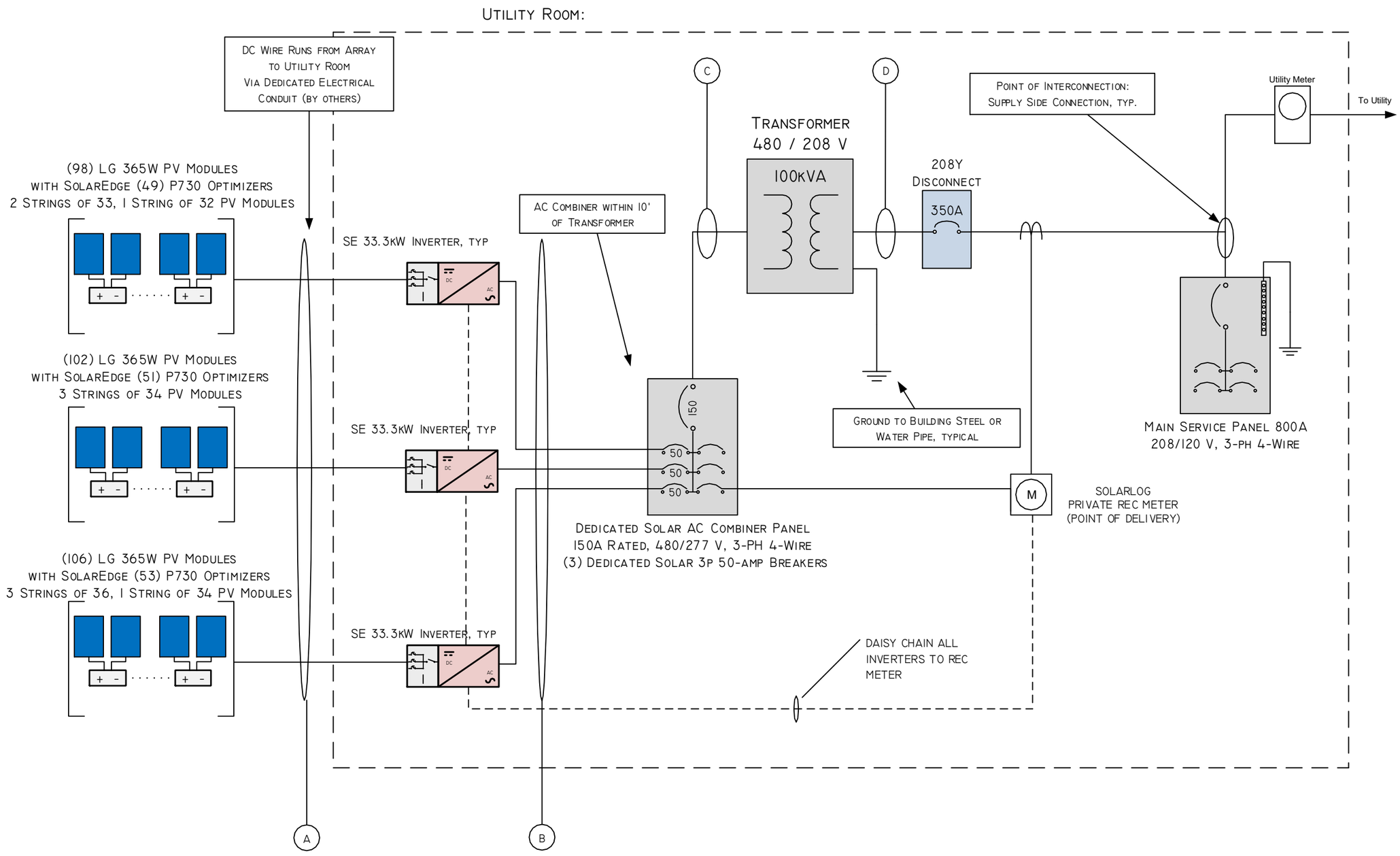
WIRE SCHEDULE					
TAG	DESCRIPTION	WIRE	GROUND	CONDUIT	NOTE
A	PV ARRAY STRINGS TO INVERTERS	(18) #10 PV WIRE [+ / -]	#6 BARE STRANDED CU	FREE AIR, TO J-BOX, 2½" CONDUIT	3 STRINGS PER INVERTER, TYPICAL OF 3 INVERTERS
B	INVERTERS TO AC COMBINER	(3) #8 [L1,L2,L3]; (1) #8 [N]	#8 THWN-2 CU GEC	¾" EMT (TYP 3) OR TROUGH	TYPICAL OF 3 INVERTERS
C	AC COMBINER TO TRANSFORMER	(3) 1/0 [L1,L2,L3]; (1) #6 THWN-2 [N]	#6 THWN-2 CU GEC	1½" EMT / FMC	
D	TRANSFORMER TO INTERCONNECTION	(2) 2/0 PER PHASE [L1,L2,L3]; (1) 1/0 THWN-2 [N]	1/0 THWN-2 CU GEC	2½" EMT / FMC	PARALLELS PER PHASE



Inspections Division
Date: 12/29/16

142 PRESUMPSCOT STREET
PORTLAND, ME 04103
(207) 221-6342

CUSTOMER NAME:

MAINE HISTORICAL SOCIETY
1000 RIVERSIDE STREET
PORTLAND, ME 04103

SYSTEM TYPE:

111.69 kW_{DC}
GRID TIED PHOTOVOLTAIC ARRAY

DESIGNED BY:	LB
DATE:	DECEMBER 19, 2016
REV.	0

ONE-LINE DIAGRAM

E01

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