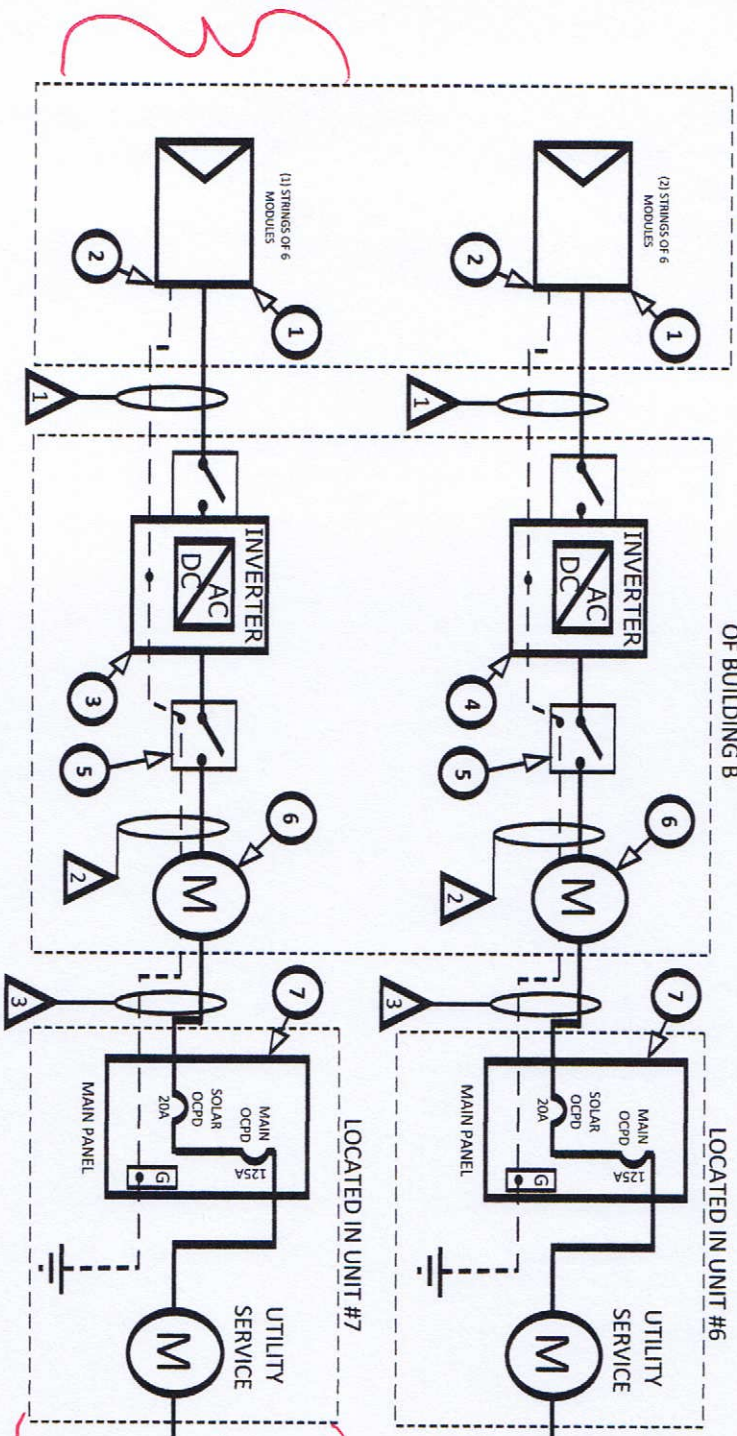


LOCATED ON ROOF OF
BUILDING B

LOCATED ON WEST SIDE
OF BUILDING B

LOCATED IN UNIT #6

LOCATED IN UNIT #7



NOTE: FOR EQUIPMENT AND
CONDUIT SCHEDULE SEE PAGE E.04



SYNCHRO SOLAR LLC | OR CCB#188766
1339 SE 8th, Suite B, Portland OR, 97214
TEL: 503 / 208-4786 FAX: 503 / 290-1507

PROJECT NAME
ANKENY ROW / PROJECT
PV SYSTEM INSTALLATION

SITE ADDRESS
2515 SE Ankeny St.
Portland, OR 97214

DATE
5/1/14

PHOTOVOLTAIC ARRAY SLD

E.03

VOLTAGE DROP	
MAX DC VOLTAGE DROP:	0.29%
MAX AC VOLTAGE DROP:	1.66%
TOTAL VOLTAGE DROP:	1.95%

Δ CONDUIT & CONDUCTOR SCHEDULE						
TAG	DESCRIPTION OR CONDUCTOR TYPE	COND. GAUGE	NUMBER OF CONDUCTORS	CONDUIT TYPE	CONDUIT SIZE	
1	USE-2 <input type="checkbox"/> or PV WIRE <input checked="" type="checkbox"/>	10	4	EMT	3/4"	
2	THWN-2 <input checked="" type="checkbox"/> or XHHW-2 <input type="checkbox"/> or RHW-2 <input type="checkbox"/>	10	3	EMT	3/4"	
	EQUIPMENT GROUND COND. (EGC)	6	1	EMT	3/4"	
3	THWN-2 <input checked="" type="checkbox"/> or XHHW-2 <input type="checkbox"/> or RHW-2 <input type="checkbox"/>	10	3	EMT	3/4"	
	EQUIPMENT GROUND COND. (EGC)	6	1	EMT	3/4"	

O EQUIPMENT SCHEDULE			
TAG	DESCRIPTION	PART NUMBER	NOTES
1	SOLAR PV MODULE	SUNPOWER E20/327W	SUN POWER E20/327W MODULES
2	PV ARRAY		ARRAYS ARE (7) SYSTEMS OF 1 OR 2 STRINGS OF 6 MODULES
3	DC / AC INVERTER	SB 3000TL-US	(1) SMA 3K TL
4	DC / AC INVERTER	SB 3800TL-US	(6) SMA 3.8K TL
5	AC DISCONNECT		30 AMP NEMA 3R
6	PRODUCTION METER		REVENUE GRADE KWH METER
7	MDS PANEL		120/240VAC, 125A MAIN, 20A DOUBLE POLE PV OCPD