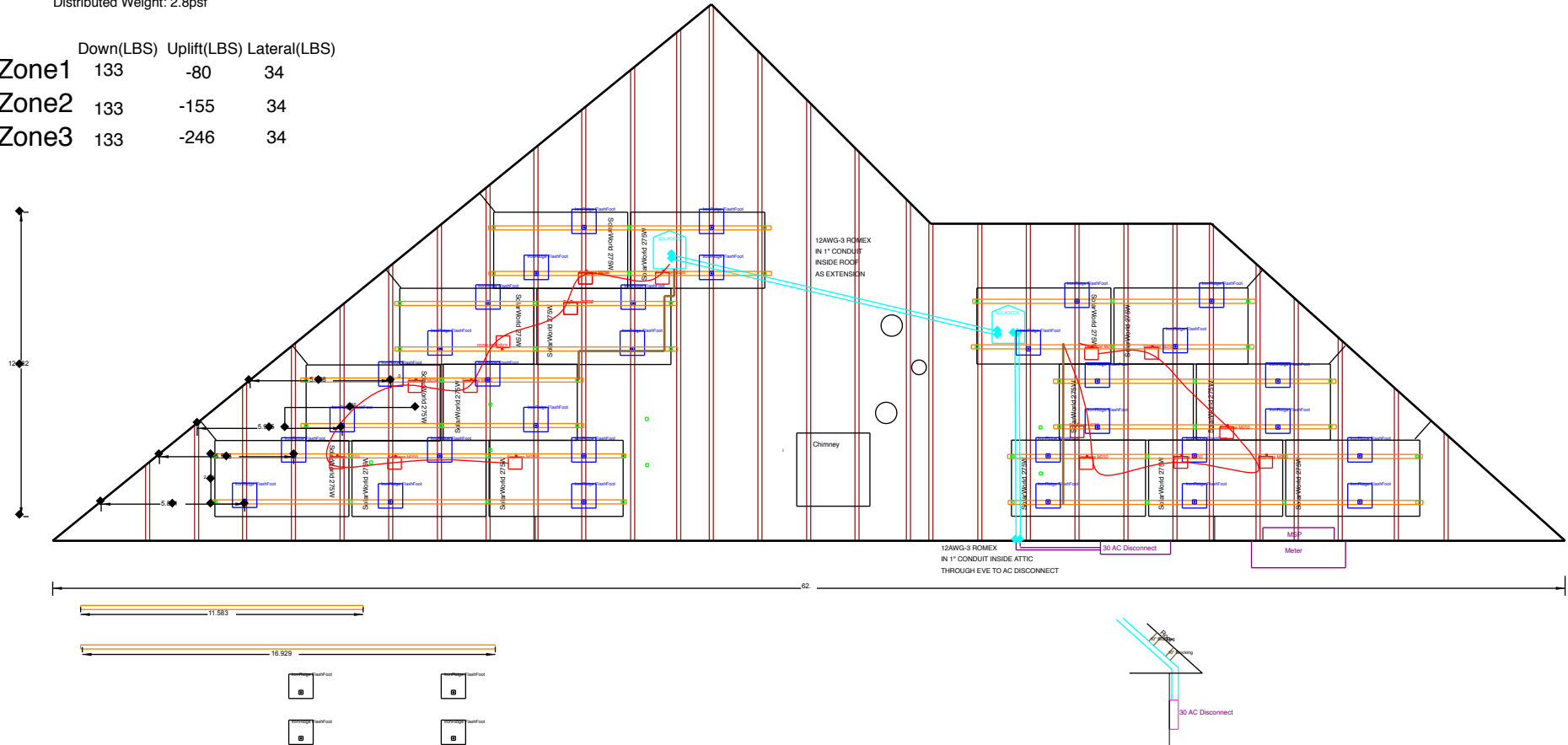


SOLAR SITE LAYOUT 4.40kW PHOTOVOLTAIC SYSTEM

ASCE 7-10

Wind Exposure: B
Risk Category: 1
Rail Weight: 198lbs
Total Weight 830lbs
Distributed Weight: 2.8psf

	Down(LBS)	Uplift(LBS)	Lateral(LBS)
Zone1	133	-80	34
Zone2	133	-155	34
Zone3	133	-246	34



EQUIPMENT SCHEDULE				CONDUIT AND CONDUCTOR SCHEDULE				
Tag	Description	Part No.	Notes	Tag	Description	Gauge	Numb. Of Conductors	Conduit Size
1	SolarWorld SW275 Watt	SW275	-	1	ENPHASE ENGAGE CABLE	#12 AWG	4	-
2	Solardeck Junction Box	-	-	2	BARE COPPER GROUND	#8 AWG	1	-
3	Enphase Micro-Inverter	M250	UL1714 Grid Interactive Inverter	3	SHEATHED AC WIRE	NM #8-3	1	EMT 1"
4	30A AC Disconnect	-	Fused, Lockable, NEMA-3R	4	-	-	3	-
5	Main Service Panel	-	200Amp	5	-	-	-	EMT 1"
6	Grounding Electrodes	-	2 x 6ft Electrodes, Buried 6in, Rods 6ft Apart	6	-	-	-	-
7	Utility Meter	-	-	7	-	-	-	-
8	IronRidge Flashing	FlashFoot	-	8	-	-	-	-

COMPANY		PROJECT		DRAWING NOT TO SCALE		ENGINEER'S STAMP																
THE ENERGY SHOP 3310 WILEY POST RD CARROLLTON, TX 75006 972-661-0688 ECL #26833		WORST 123 SOLAR DR DALLAS, TX 75205		<table border="1"> <thead> <tr> <th>Drawn</th> <th>Check</th> <th>ENG Appr</th> <th>PR Appr</th> <th>QA</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		Drawn	Check	ENG Appr	PR Appr	QA						<table border="1"> <tr> <td>Scale</td> <td>NO SCALE</td> <td>CAD File</td> <td>Sheet</td> <td>1 of 1</td> </tr> </table>		Scale	NO SCALE	CAD File	Sheet	1 of 1
Drawn	Check	ENG Appr	PR Appr	QA																		
Scale	NO SCALE	CAD File	Sheet	1 of 1																		
www.enphashop.com		Drawing No.		Date		Rev																
Brandon Bell, TLDR #279027		08Dec14		E1																		
Brandon@EnergyShopInc.Com																						