








PROJECT INFORMATION

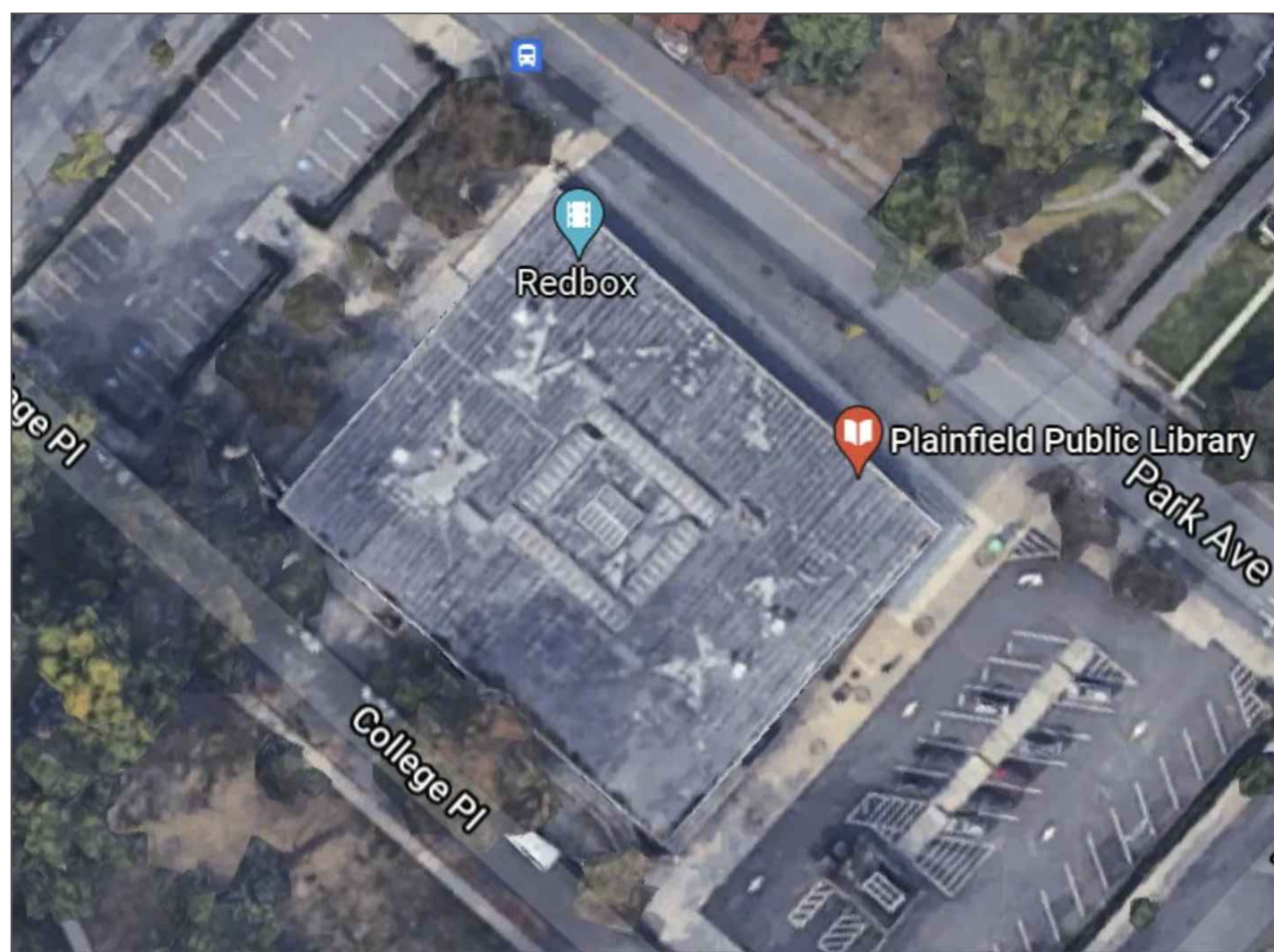
PV MODULE:	HT-SAAE HT72-166M 450W
# OF MODULES:	432
SYSTEM SIZE:	194.400 WATTS (DC)
AZIMUTH:	xx°±
PV ELEVATION:	5°
ROW SPACING:	8.2" (NORTH - SOUTH)
MODULE SPACING:	3/8" (WEST - EAST)
DESIGN WIND SPEED:	123 MPH
EXPOSURE CATEGORY:	B
RISK CATEGORY:	III
GROUND SNOW LOAD:	30 PSF
DESIGN CODE REFERENCE:	ASCE 7-16 & IBC 2018

LEGEND

	GENMOUNTS PANS
	HT-SAAE HT72-166M 450W PV MODULE @ 5°
	ROOF EQUIPMENT
	SHADE LINE
	4' EDGE CLEARANCE
	ROOF LOADING AREA OUTLINE
	HIGH WIND ZONE SETBACK (VARIES)
	8' WIDE FIRE ACCESS PATHWAY

GENERAL NOTES

1. THE ROOF EQUIPMENT DEPICTED ON THIS PLAN IS AN APPROXIMATION ONLY. THE SIZE, LOCATION, AND SHADE LINES HAVE NOT BEEN FIELD VERIFIED BY GENMOUNTS OR REH, AND MAY DIFFER FROM ACTUAL MEASUREMENTS.
2. GENMOUNTS SOLAR RACKING SYSTEMS IS A CUSTOM DESIGNED PRODUCT. THE BALLAST LAYOUT PLAN UTILIZES GENMOUNTS RACKING DESIGNED ONLY FOR THE INDICATED PV MODULE ON THIS SHEET.
3. BALLAST BLOCK MAY OVERHANG GENMOUNTS PANS, CONTRACTOR SHALL ENSURE ROOF SLIP SHEETS ARE SIZED APPROPRIATELY.
4. GROUND LOCATIONS FOR EACH SUB-ARRAY SHALL BE EVENLY DISTRIBUTED.
5. RACKING SYSTEM DESIGNED FOR USE WITH BALLAST BLOCK OF ACTUAL DIMENSIONS; NOT NOMINAL.
6. STANCHION QUANTITIES AND LOCATIONS SUBJECT TO CHANGE PENDING PROFESSIONAL ENGINEER REVIEW.
7. PROFESSIONAL ENGINEER SEAL COVERS BALLASTED RACKING OF PV MODULES ONLY. R.E.H., GENMOUNTS, PRINCETON ENGINEERING, AND/OR ANY AFFILIATES ASSUME NO LIABILITY FOR STRUCTURAL CAPACITY OF EXISTING ROOF/FRAMING STRUCTURE.
8. BALLAST BLOCK SHALL MEET OR EXCEED ASTM-1491 SPECIFICATIONS.
9. BALLAST RACKING SYSTEM DESIGNED TO WITHSTAND ROOF SNOW LOAD. CONTRACTORS/OWNERS SHALL ENSURE SNOW LOAD ACCUMULATION ON RACKING NOT TO EXCEED ROOF SNOW LOADS AS TO MAINTAIN MANUFACTURER'S WARRANTY.



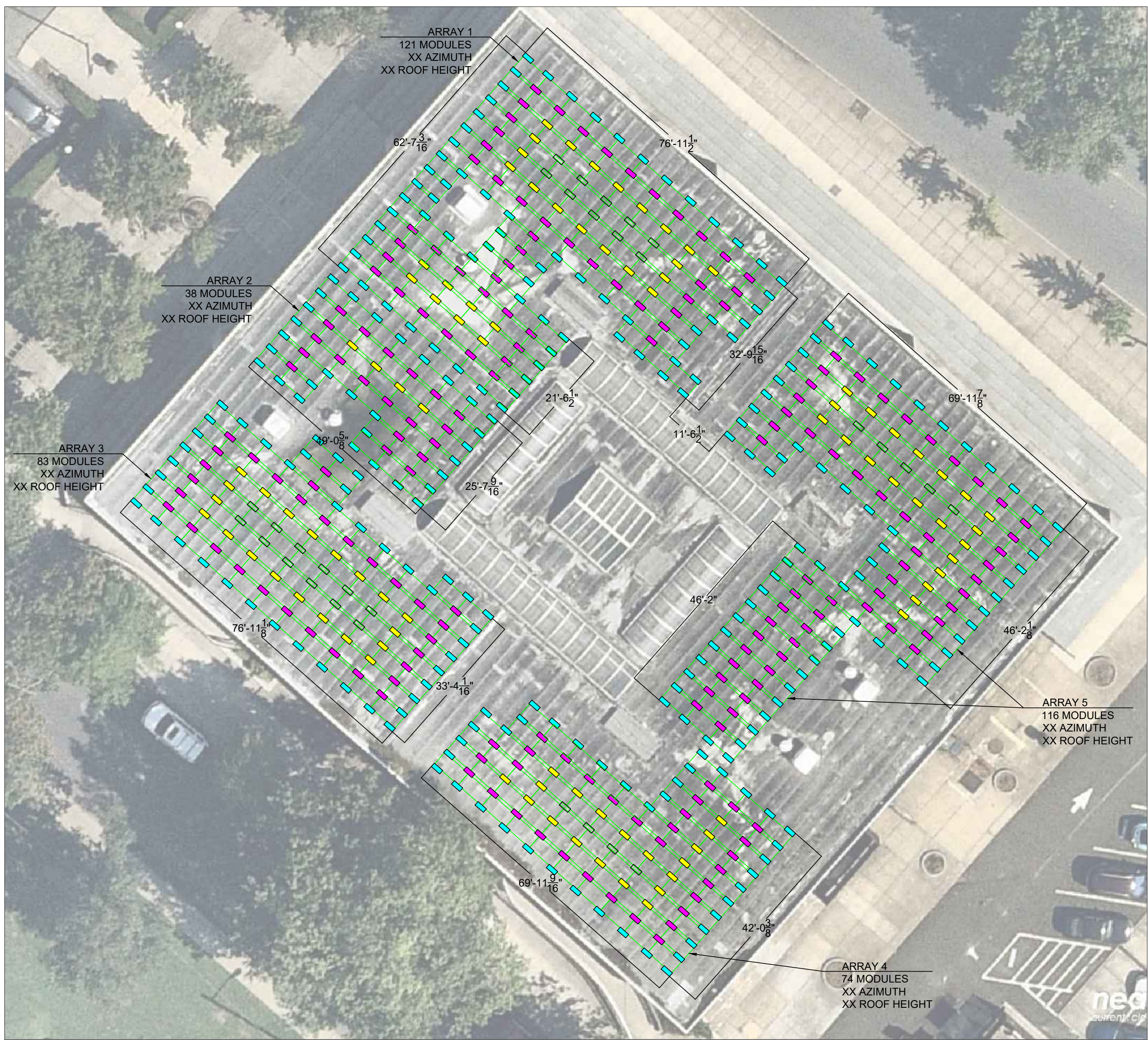
AERIAL VIEW
NOT TO SCALE

SUB-ARRAY INFORMATION

MODULE WATTAGE	450			
ROOF	# OF MODULES	ARRAY SIZE (WATTS DC)	PSF / ROOF AREA	WIND ZONE SETBACK (F T)
1	121	54,540	2.5	20.0
2	38	17,100	3.3	20.0
3	83	37,350	2.7	20.0
4	74	33,300	3.7	60.0
5	116	52,200	3.4	20.0
TOTAL	432	194,400		

SUB-ARRAY RACKING INFORMATION





ARRAY	# OF BALLAST TRAYS	# OF END TRAYS	TOTAL PANS	# OF END CLAMPS	# OF MID CLAMPS
1	140	16	156	60	204
2	46	8	54	32	60
3	93	12	105	40	146
4	84	11	95	40	128
5	139	13	152	98	180
TOTAL	502	60	562	270	718



MINIMUM BALLAST WEIGHT REQUIRED PER PAN

BALLAST GROUP	GROUP 1	GROUP 2	GROUP 3	GROUP 4	UNITS
ARRAYS 1-3, 5-6	12.7	34.9	65.1	86.4	lbs
ARRAY 4	18.8	44.3	78.9	103.3	lbs

BALLAST ZONE BLOCK SCHEDULE - ARRAYS 1-5 (BS-1)

BALLAST GROUP	SYMBOL	PAN LENGTH (IN)	4" x 8" x 16" (34 LB)	2" x 12" x 12" (25 LB)	TOTAL WEIGHT (LB)
GROUP 1		30	1	-	34
GROUP 2		30	-	2	50
GROUP 3		30	2	-	68
GROUP 4		30	2	1	93

* SEE BALLAST BLOCK SUMMARY TABLE FOR SIZE AND QUANTITIES

34 LB BALLAST BLOCK SUMMARY TABLE

ARRAY	BLOCK SIZE	GROUP 4		GROUP 3		GROUP 2		GROUP 1	
		PANS	BLOCKS	PANS	BLOCKS	PANS	BLOCKS	PANS	BLOCKS
1	4"x8"x16" (34 lb)	49	98	70	140	27	0	10	10
2	4"x8"x16" (34 lb)	20	40	30	60	4	0	0	0
3	4"x8"x16" (34 lb)	31	62	42	84	20	0	12	12
4	4"x8"x16" (34 lb)	32	64	40	40	19	19	4	4
5	4"x8"x16" (34 lb)	56	112	70	140	21	21	5	5
TOTALS		188	376	252	464	91	40	31	31
TOTAL ALL PANS:		562		TOTAL 34 LB BLOCKS:		911			

25 LB BALLAST BLOCK SUMMARY TABLE

ARRAY	BLOCK SIZE	GROUP 4		GROUP 3		GROUP 2		GROUP 1	
		PANS	BLOCKS	PANS	BLOCKS	PANS	BLOCKS	PANS	BLOCKS
1	2"x12"x12" (25 lb)	49	49	70	0	27	54	10	0
2	2"x12"x12" (25 lb)	20	20	30	0	4	8	0	0
3	2"x12"x12" (25 lb)	31	31	42	0	20	40	12	0
4	2"x12"x12" (25 lb)	32	64	40	80	19	38	4	8
5	2"x12"x12" (25 lb)	56	56	70	0	21	42	5	10
	TOTALS	188	220	252	80	91	182	31	18
	TOTAL ALL PANS:		562		TOTAL 25 LB BLOCKS:	500			

DRAWN BY: PRABHDEEP SINGH (REH)
CHECKED BY: JAMES STRIZKI (REH)

[illegible]

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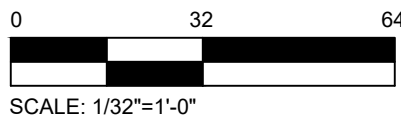
Project No:

Sheet Title:

GENMOUNTS™
BALLAST PLAN

BP-1

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SCALE: 1/32"=1'-0"

PRELIMINARY

PROJECT INFORMATION

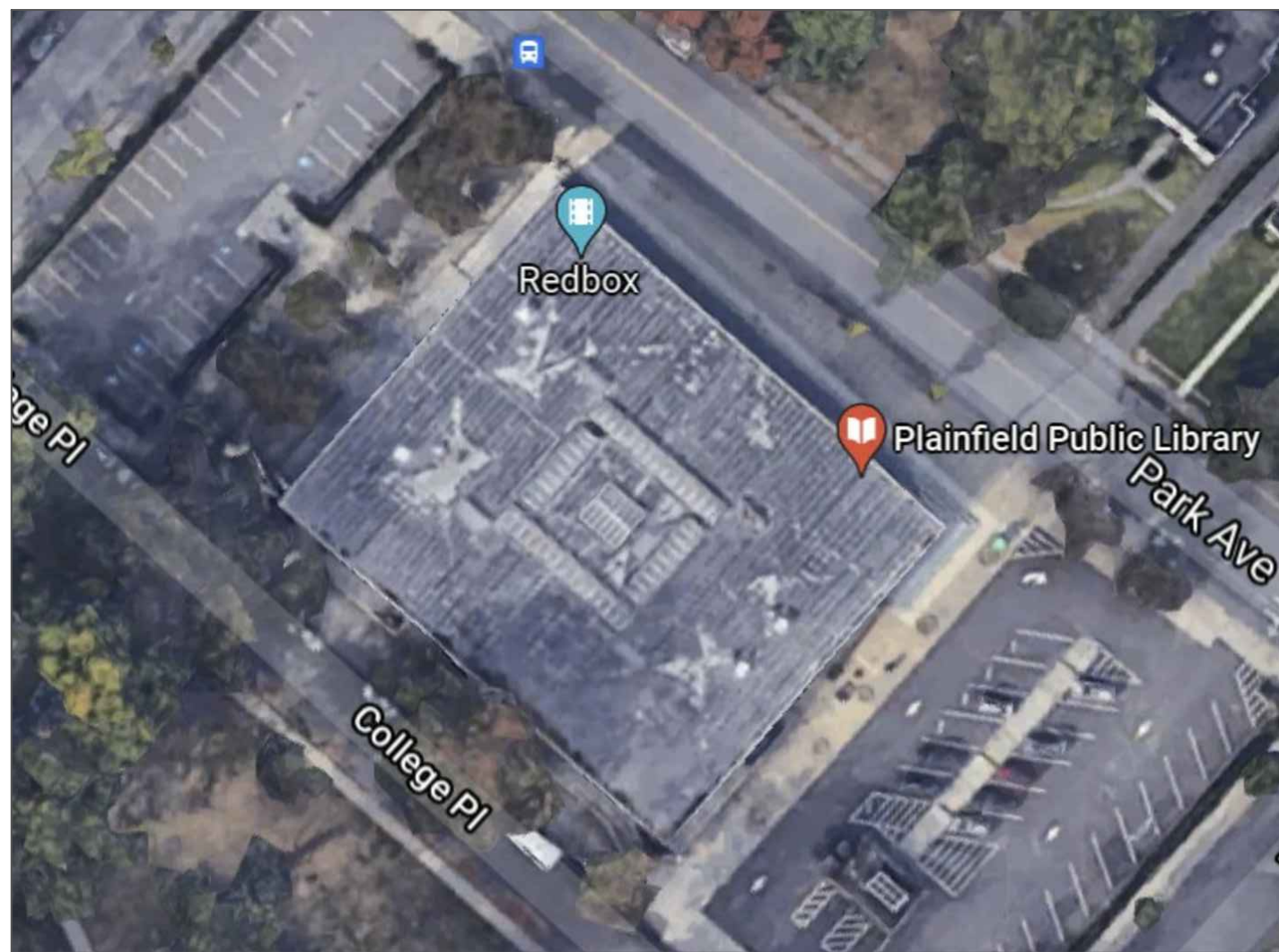
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 GENMOUNTS PANS
 HT-SAAE HT72-166M 450W
 PV MODULE @ 5°
 ROOF EQUIPMENT
 SHADE LINE
 4' EDGE CLEARANCE
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AERIAL VIEW
NOT TO SCALE

MINIMUM BALLAST WEIGHT REQUIRED PER PAN





BALLAST GROUP	GROUP 1	GROUP 2	GROUP 3	GROUP 4	UNITS
ARRAYS 1-3, 5-6	12.7	34.9	65.1	86.4	lbs
ARRAY 4	18.8	44.3	78.9	103.3	lbs

BALLAST ZONE BLOCK SCHEDULE - ARRAYS 1-3 & 5-6 (BS-1)

BALLAST GROUP	SYMBOL	PAN LENGTH (IN)	4" x 8" x 16" (34 LB)	2" x 12" x 12" (25 LB)	TOTAL WEIGHT (LB)
GROUP 1		30	1	-	30
GROUP 2		30	-	2	50
GROUP 3		30	2	-	68
GROUP 4		30	2	1	93

* SEE BALLAST BLOCK SUMMARY TABLE FOR SIZE AND QUANTITIES

BALLAST ZONE BLOCK SCHEDULE - ARRAY 4 (BS-2)

BALLAST GROUP	SYMBOL	PAN LENGTH (IN)	4" x 8" x 16" (34 LB)	2" x 12" x 12" (25 LB)	TOTAL WEIGHT (LB)
GROUP 1		30	1	-	34
GROUP 2		30	-	2	50
GROUP 3		30	1	2	84
GROUP 4		30	2	2	118

* SEE BALLAST BLOCK SUMMARY TABLE FOR SIZE AND QUANTITIES

34 LB BALLAST BLOCK SUMMARY TABLE

ARRAY	BLOCK SIZE	GROUP 4		GROUP 3		GROUP 2		GROUP 1	
		PANS	BLOCKS	PANS	BLOCKS	PANS	BLOCKS	PANS	BLOCKS
1	4"x8"x16" (34 lb)	49	98	70	140	27	0	10	10
2	4"x8"x16" (34 lb)	20	40	30	60	4	0	0	0
3	4"x8"x16" (34 lb)	31	62	42	84	20	0	12	12
4	4"x8"x16" (34 lb)	32	64	40	40	19	19	4	4
5	4"x8"x16" (34 lb)	56	112	70	140	21	21	5	5
	TOTALS	188	376	252	464	91	40	31	31
	TOTAL ALL PANS:		562		TOTAL 34 LB BLOCKS:	911			

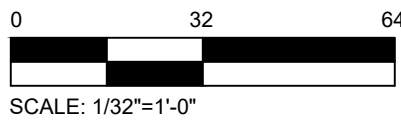
25 LB BALLAST BLOCK SUMMARY TABLE

ARRAY	BLOCK SIZE	GROUP 4		GROUP 3		GROUP 2		GROUP 1	
		PANS	BLOCKS	PANS	BLOCKS	PANS	BLOCKS	PANS	BLOCKS
1	2"x12"x12" (25 lb)	49	20	70	0	27	54	10	0
2	2"x12"x12" (25 lb)	20	40	30	0	4	8	0	0
3	2"x12"x12" (25 lb)	31	31	42	0	20	40	12	0
4	2"x12"x12" (25 lb)	32	64	40	80	19	38	4	8
5	2"x12"x12" (25 lb)	56	56	70	0	21	42	5	10
	TOTALS	188	220	252	80	91	182	31	18
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4	74	33,300	3.7	60.0
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2	46	8	54	32	60
3	93	12	105	40	146
4	84	11	95	40	128
5	139	13	152	98	180
TOTAL	502	60	562	270	718



PRELIMINARY

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CHECKED BY: JAMES STRIZKI (REH)

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REF

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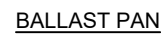
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GENMOUNTS™
BALLAST PLAN
BP-1

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NOTES:

A. GENMOUTNS LT PAN FEATURES SUBJECT TO CHANGE



NOTE:
BALLAST BLOCKS SHOWN ARE A GRAPHICAL REPRESENTATION AND SHALL NOT BE USED FOR INDIVIDUAL PROJECTS.



GENMOUNTS LT
SOUTH PAN

GENM
BALLA
(TYP)

DRAWN BY: PRABHDEEP SINGH (REH)
CHECKED BY: JAMES STRIZKI (REH)

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1 GENMOUNTS LT MOUNTING SYSTEM

NOT TO SCALE

2 GENMOUNTS LT ASSEMBLY DETAIL

NOT TO SCALE

3 GENMOUNTS LT ROW SPACING

NOT TO SCALE



MODULE DIMENSIONS: 77.0" x 39.0" x 1.57"



- A. ONLY (1) GROUND POINT IS REQUIRED PER SUB-ARRAY. (419 AMPS AC MAX)
- B. INSTALLER SHALL ENSURE GROUNDING CONDUCTOR IS PROPERLY SIZED FOR EACH SUB-ARRAY.

NOTE:
END-CLAMPS SHALL BE INSTALLED USING SIMILAR METHOD.



SERRATED FLANGE SCREW

TOP DOWN COMPRESSION—
BONDING MID-CLAMP

PV MODULE

SERRATED FLANGE
NUT

GENMOUNTS LT
BALLAST PAN

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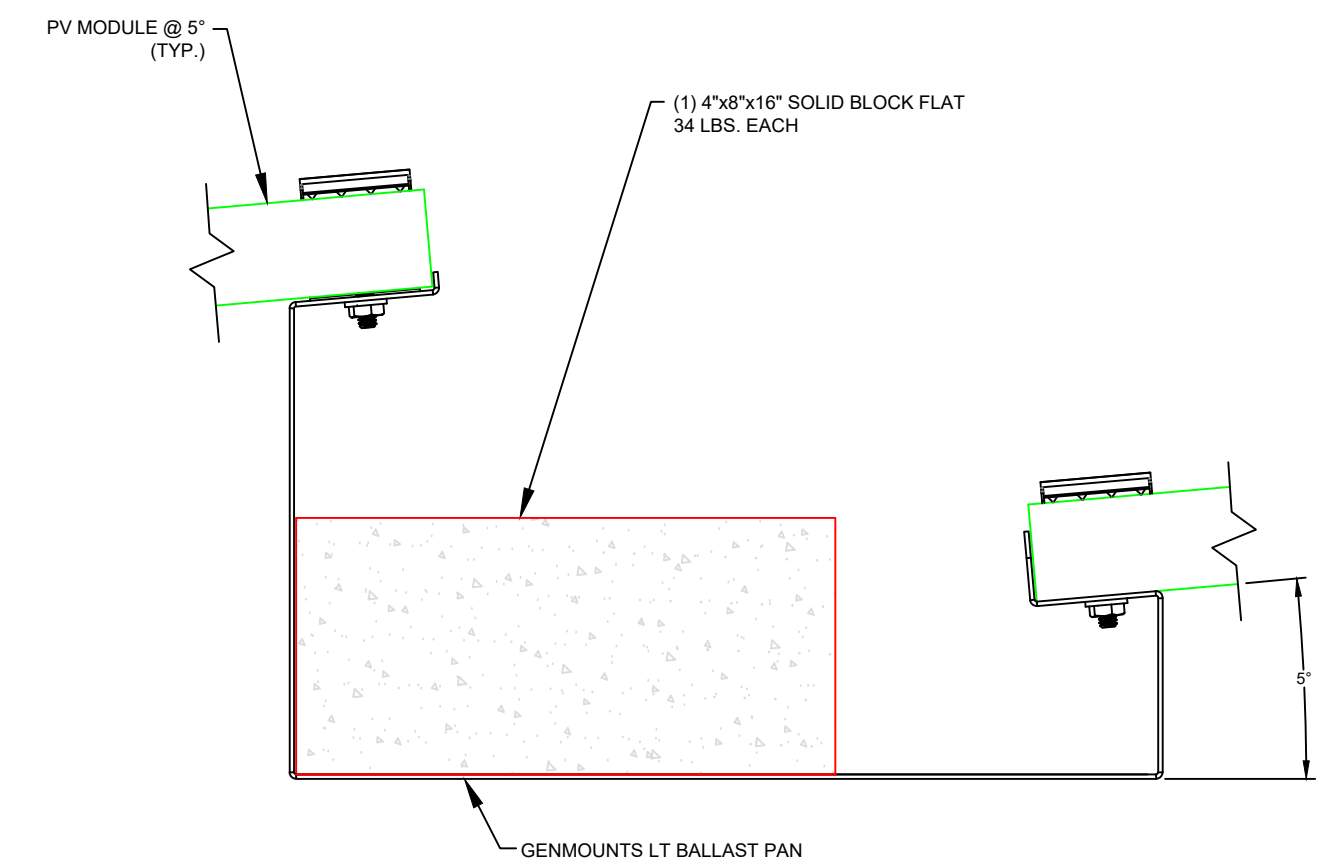
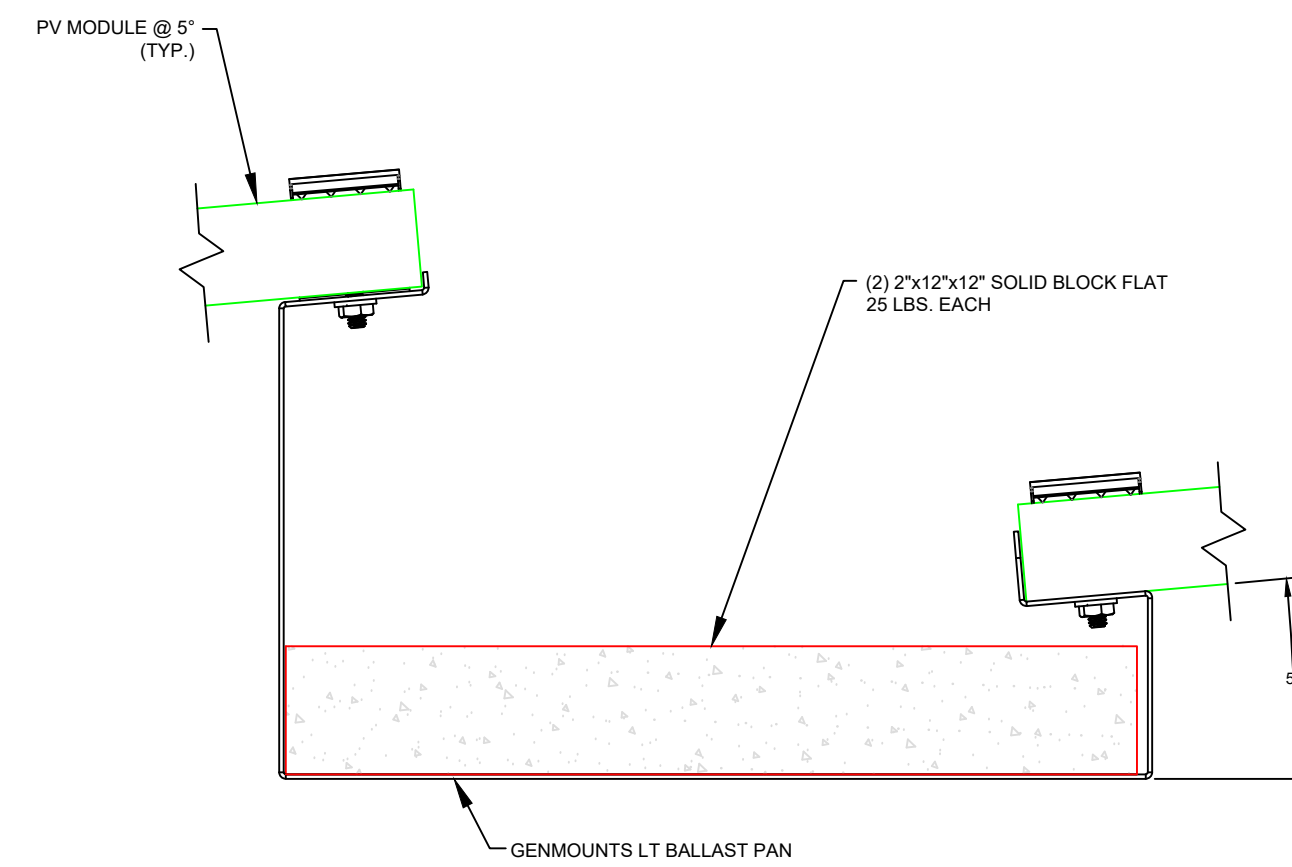
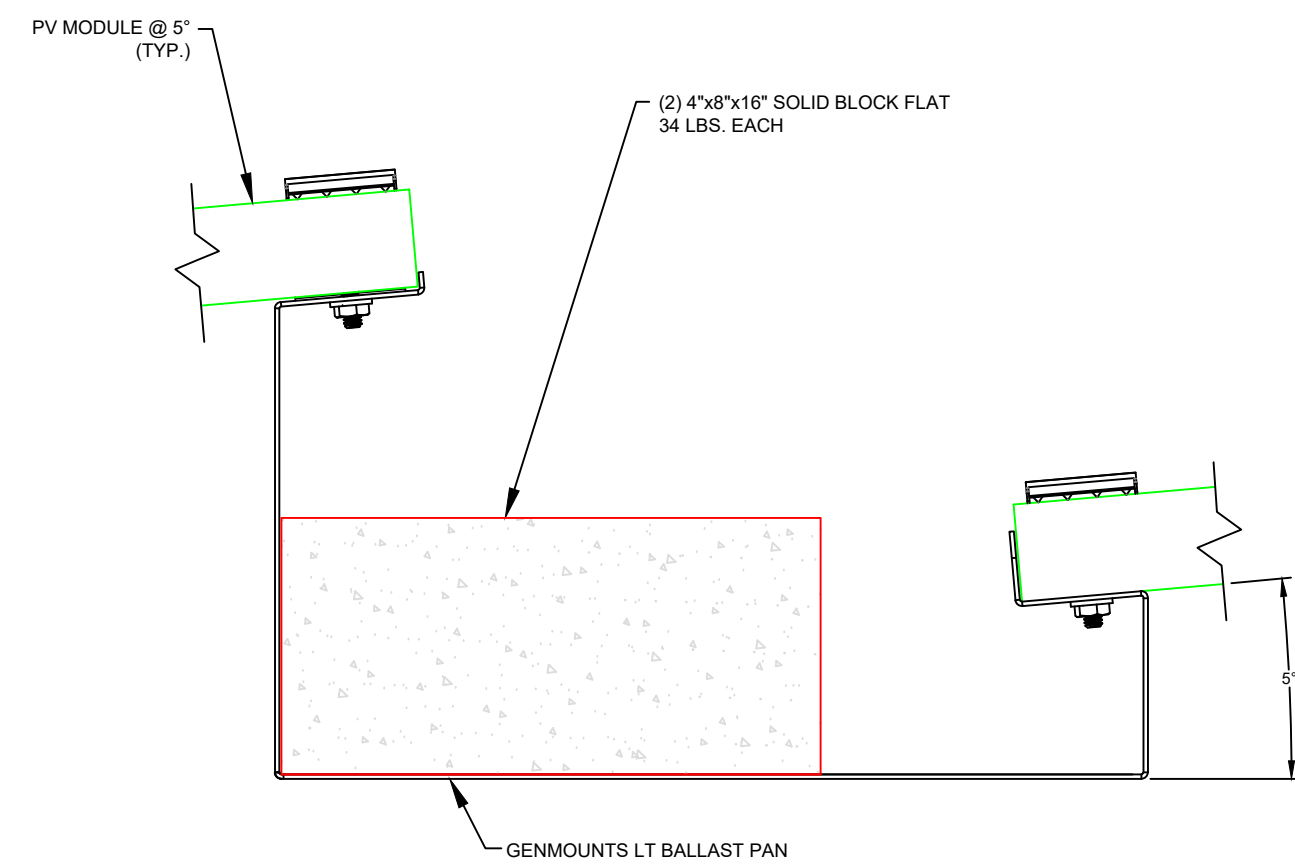
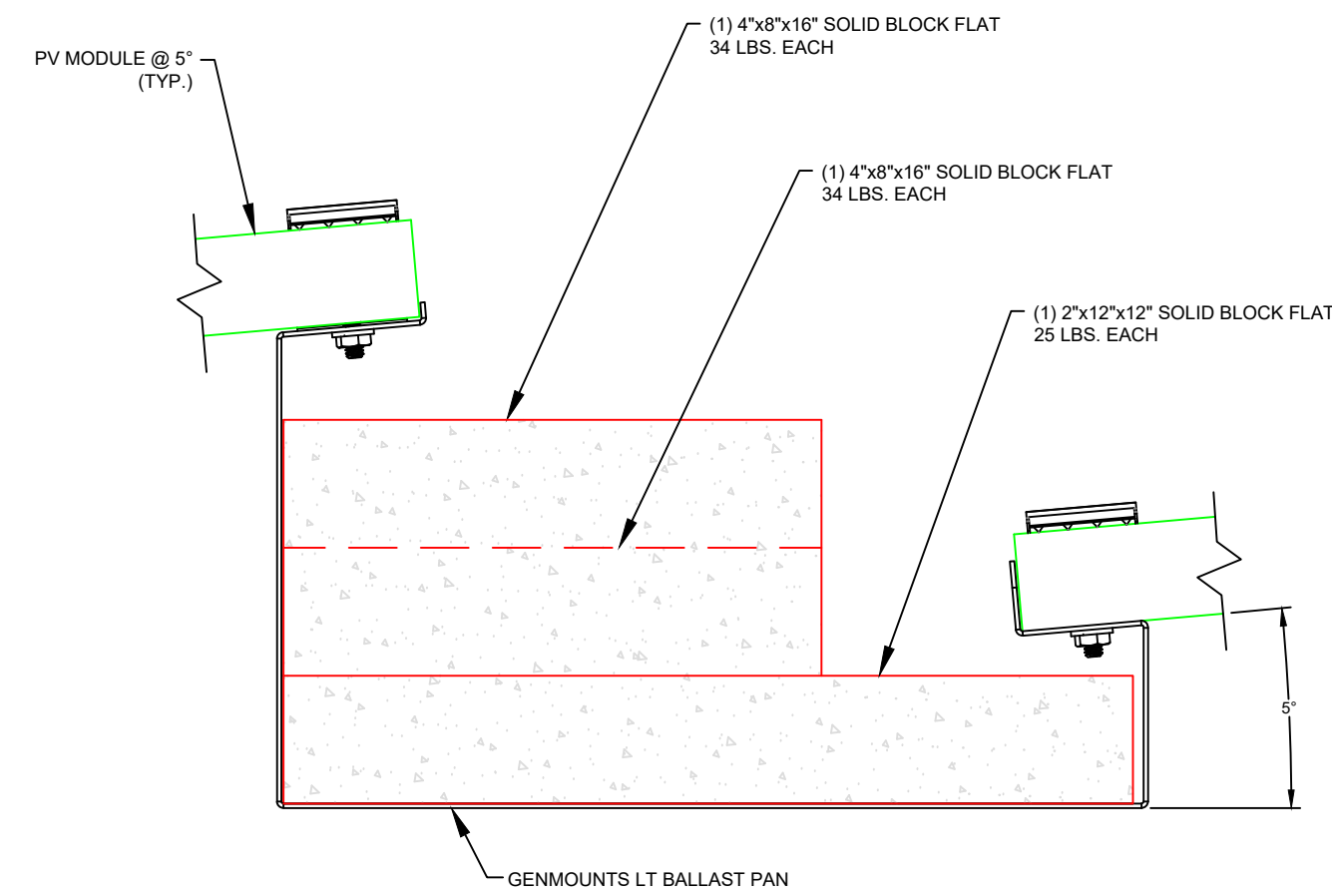
Sheet Title:

GENMOUNTS™ DETAIL SHEET

DS-1

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PRELIMINARY

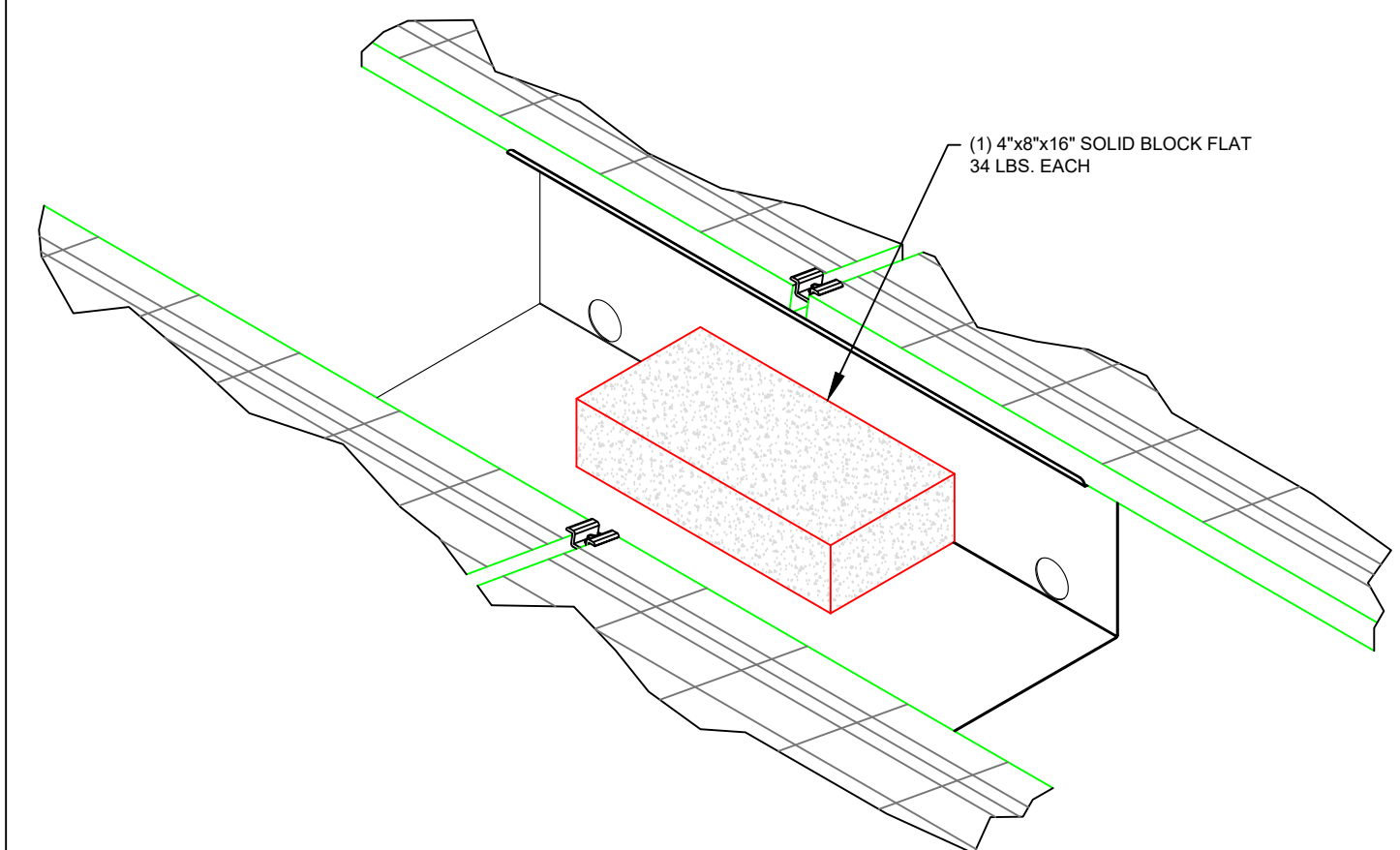
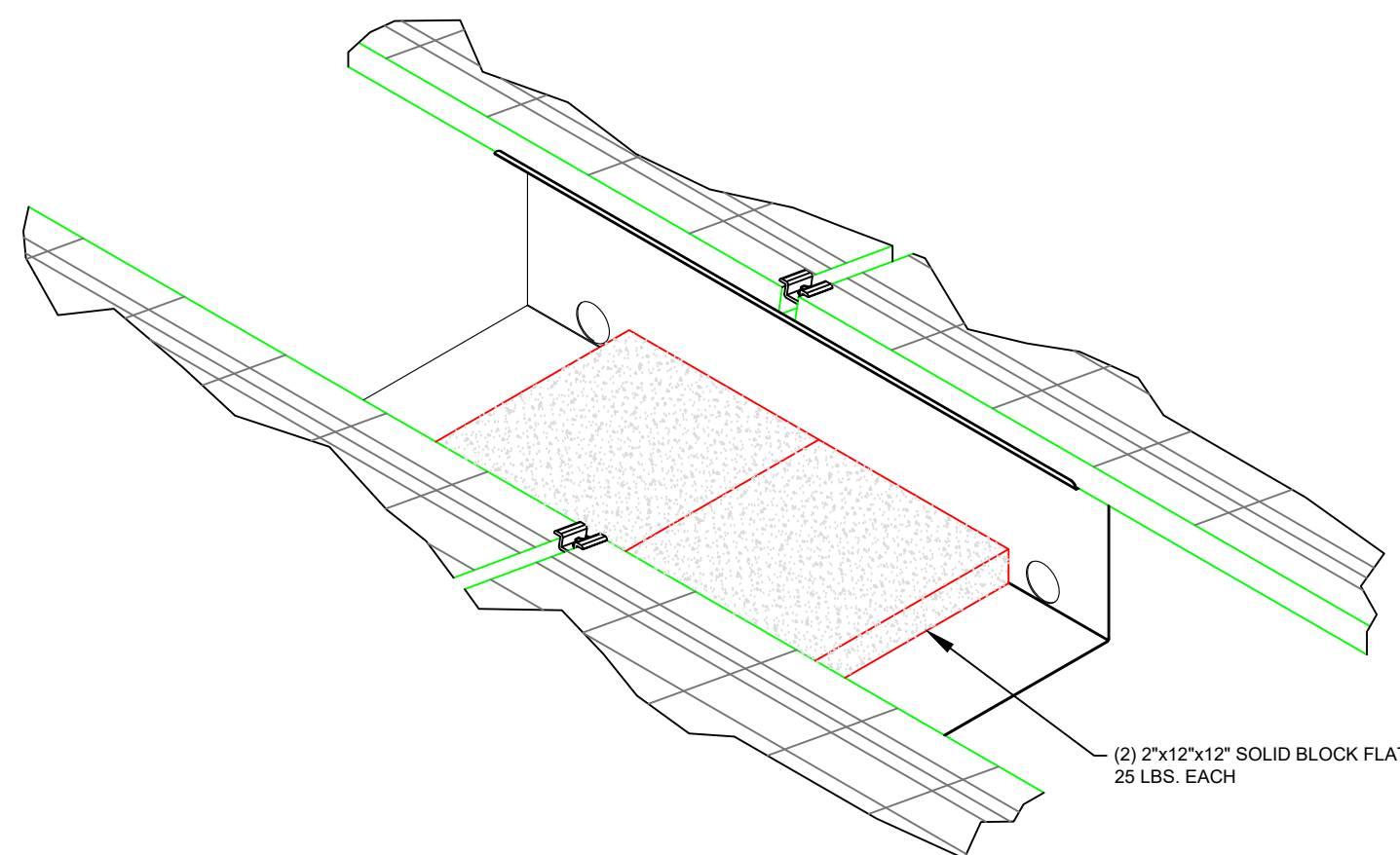
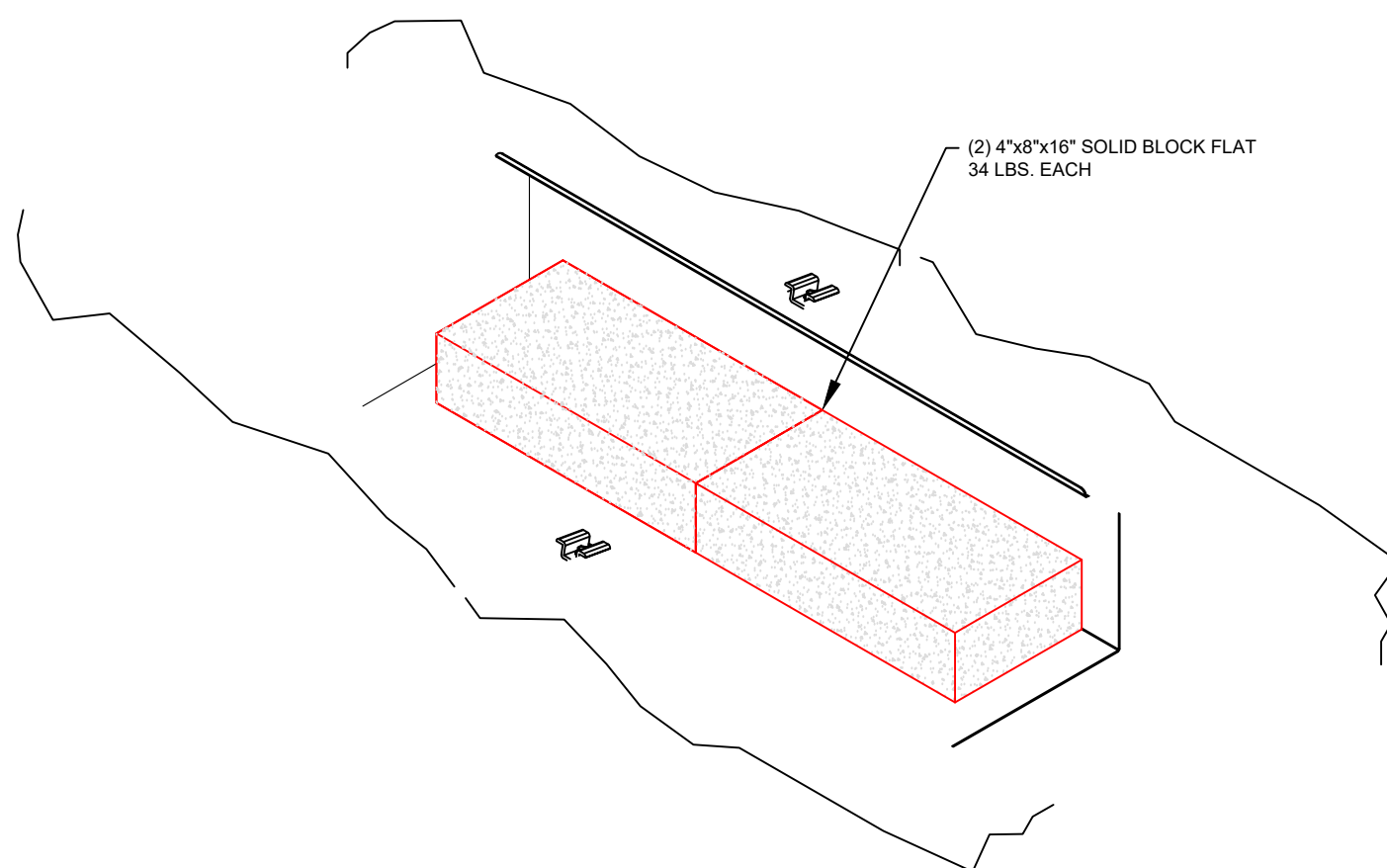
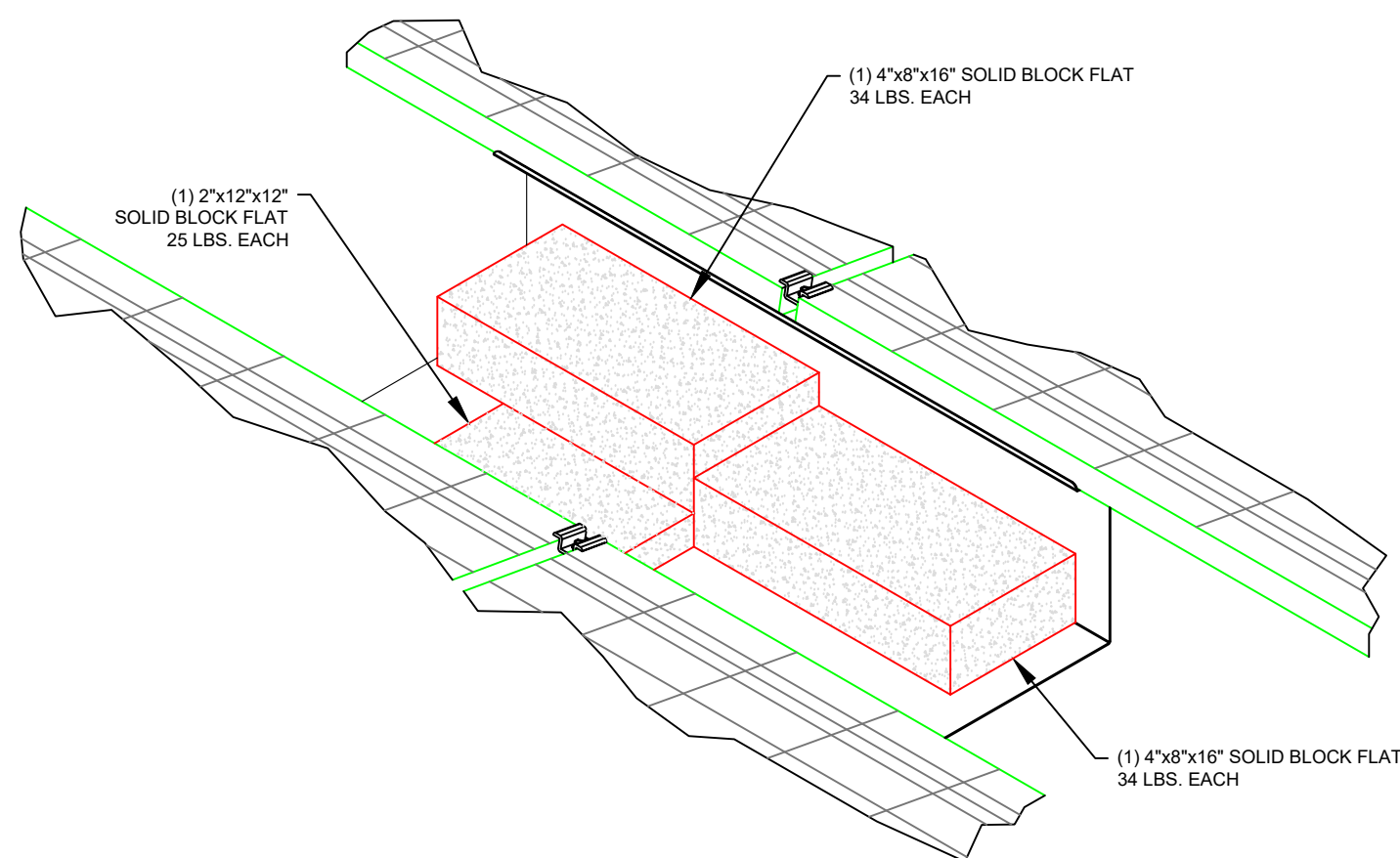


1 BALLAST ZONE 4 BLOCK STACKING DETAIL
NOT TO SCALE

2 BALLAST ZONE 3 BLOCK STACKING DETAIL

3 BALLAST ZONE 2 BLOCK STACKING DETAIL

4 BALLAST ZONE 1 BLOCK STACKING DETAIL
NOT TO SCALE



5 BALLAST ZONE 4 BLOCK STACKING DETAIL
NOT TO SCALE

6 BALLAST ZONE 3 BLOCK STACKING DETAIL
NOT TO SCALE

7 BALLAST ZONE 2 BLOCK STACKING DETAIL
NOT TO SCALE

8 BALLAST ZONE 1 BLOCK STACKING DETAIL
NOT TO SCALE


GENERAL NOTES:

1. MAXIMUM BLOCK COUNT SHALL BE (2) 4"x8"x16" 34 LB BLOCK & (1) 2"x12"x12" 25 LB BLOCK.
2. SOUTH PANS BALLAST BLOCK STACKING SHALL BE THE SAME AS FULL PANS.
3. BALLAST PAN LENGTHS MAY VARY DEPENDING BALLAST ZONE REQUIREMENTS.
4. BALLAST BLOCK MAY HANG OVER PAN CONTRACTOR TO ENSURE ROOF SLIP SHEET MATERIAL IS INSTALLED CORRECTLY.
5. BALLAST BLOCKS MAY BE GLUED TO GENMOUNTS PANS USING SIKABOND CONSTRUCTION ADHESIVE OR APPROVED EQUAL.

PRELIMINARY

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Sheet Title:

GENMOUNTS™ BLOCK STACKING

BS-1

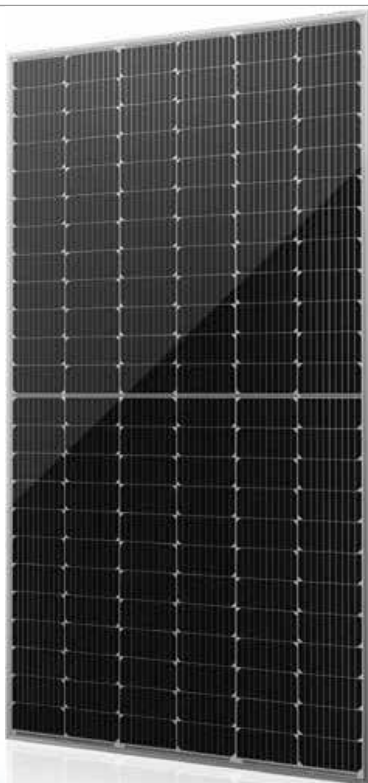
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HT72-166M

NEW

Big Size: Cell 166*83

435W / 440W 445W / 450W / 455W



- Module Efficiency: 20.9%
- No. of Cells: 144 (6 × 24)
- Weight: 23.5kg
- Dimensions: 2094mm×1038mm×35mm



Shanghai Aerospace Automobile
Electromechanical Co., Ltd.
website: www.htsolar.com.tr



Factory:
Turkey HT Solar Energy Joint Stock Company
Lianyungang ShenZhou New Energy Co., Ltd.



Half cut cell technology can reduce the internal power loss and improve component overall power. Excellent heat dissipation avoids hot spot production.



9BB The optimized number and width of main gate lines, Maximize the light receiving area of components and Reduce component power consumption

12Ys

**Products
Warranty**

25Ys

**Warranty on
power output**



Designed for high voltage systems of up to 1500 VDC, increasing the string length of solar systems and saving on BoS costs



All the modules are sorted and packaged by amperage, reducing mismatch losses and maximizing system output.

EL

**Microcrack resistant
Double glass structure
enhance reliability,
triple EL tested of high
quality control.**



**Entire module
certified to with
stand extreme wind
(2400 Pa) and snow
loads (5400 Pa)**

5W

**Positive tolerance
0/+5w guaranteed**

PID

PID Resistant

**Comprehensive and first-rate
certification system**

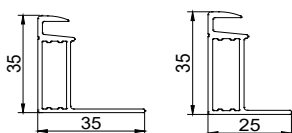
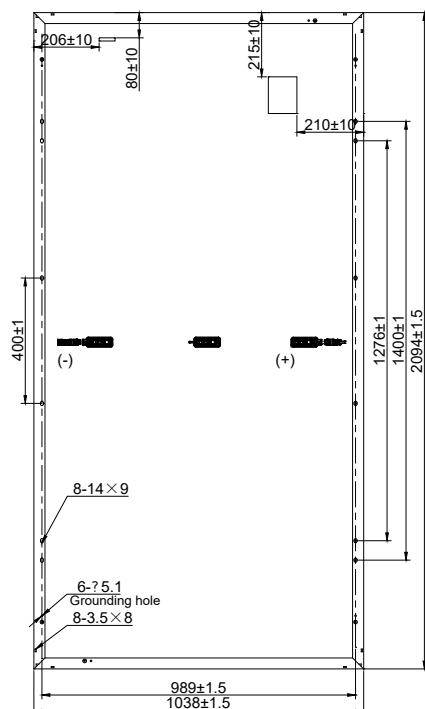
IEC61215: 2016, IEC61730: 2016 Latest Standard
and UL 61730 Latest Standard,
ISO9001, ISO14001 and OHSAS18001,
meeting the highest international standards
Strict quality control



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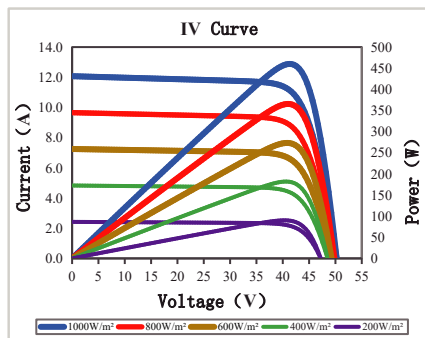


Engineering Drawing



I-V Curves

Current-Voltage & Power-Voltage Curve



Electrical Characteristics

Module	HT72-166M				
Maximum Power at STC(Pmax)	435W	440W	445W	450W	455W
Open-Circuit Voltage(Voc)	49.6V	49.8V	49.9V	50.0V	50.1V
Short-Circuit Current(Isc)	11.53A	11.60A	11.72A	11.83A	11.96A
Optimum Operating Voltage (Vmp)	40.7V	40.9V	41.0V	41.1V	41.2V
Optimum Operating Current(Imp)	10.70A	10.77A	10.86A	10.96A	11.06A
Module Efficiency	20.0%	20.2%	20.5%	20.7%	20.9%
Power Tolerance	0 ~ +5W				
Maximum System Voltage	1000V / 1500V DC(UL/IEC)				
Maximum Series Fuse Rating	20A				
Operating Temperature	-40 °C to +85 °C				

*STC: Irradiance 1000W/m², module temperature 25, AM=1.5
Optional black frame or white frame module according to customer requirements

NOCT

Module	HT72-166M				
Maximum Power	322W	326W	330W	333W	337W
Open Circuit Voltage (Voc)	46.9V	47.1V	47.2V	47.2V	47.3V
Short Circuit Current (Isc)	9.31A	9.37A	9.46A	9.55A	9.66A
Maximum Power Voltage (Vmp)	38.5V	38.6V	38.7V	38.8V	38.9V
Maximum Circuit Current (Imp)	8.36A	8.45A	8.53A	8.58A	8.66A
NOCT	45°C±2°C				

*NOCT: Irradiance 800W/m², ambient temperature 20 °C, wind speed 1 m/s

Mechanical Characteristics

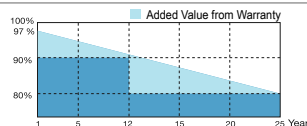
Solar Cells	Monocrystalline 166 × 83 mm
No. of Cells	144 (6 × 24)
Dimensions	2094mm×1038mm×35mm
Weight	23.5 kg
Front Glass	High transmission tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP68
Cable	4mm²(UL/IEC) Length: 1200mm
Connectors	MC4 / MC4 Compatible
Packaging Configuration	30pcs / box, 704pcs / 40'HQ Container

Temperature Characteristics

Temperature Coefficient of Pmax	γ (Pm)	-0.39%/°C
Temperature Coefficient of Voc	β (Voc)	-0.29%/°C
Temperature Coefficient of Isc	α (Isc)	0.049%/°C

Warranty

12-year product warranty
25-year warranty on power output
Specific information is referred to the product quality guarantee



Information Box

50/60kW, 1000Vdc String Inverters for North America

The 50 & 60kW (55 & 66kVA) medium power CPS three phase string inverters are designed for ground mount, large rooftop and carport applications. The units are high performance, advanced and reliable inverters designed specifically for the North American environment and grid. High efficiency at 98.8% peak and 98.5% CEC, wide operating voltages, broad temperature ranges and a NEMA Type 4X enclosure enable this inverter platform to operate at high performance across many applications. The CPS 50/60KTL products ship with either the Standard wire-box or the Rapid Shutdown wire-box, each fully integrated and separable with touch safe fusing, monitoring, and AC and DC disconnect switches. The integrated PLC transmitter in the Rapid Shutdown wire-box enables PVRSS certified module-level rapid shutdown when used with the Tigo TS4-F/TS4-A-F products, APS RSD-S-PLC-A products, and NEP PVG-4 products. The CPS Flex Gateway enables monitoring, controls and remote product upgrades.

Key Features

- NEC 2017 PVRSS Certified Rapid Shutdown
- 55 & 66kVA rating allows max rated Active Power @ $\pm 0.91PF$
- Selectable Max AC Apparent Power of 50/55kVA and 60/66kVA
- NEC 2014/17 compliant & UL listed Arc-Fault circuit protection
- 15-90° Mounting orientation for low profile roof installs
- Optional Flex Gateway enables remote FW upgrades
- Integrated AC & DC disconnect switches
- 3 MPPT's with 5 inputs each for maximum flexibility
- Copper and Aluminum compatible AC connections
- NEMA Type 4X outdoor rated, tough tested enclosure
- UL1741 SA Certified to CA Rule 21, including SA14 FW and SA15 VW
- Separable wire-box design for fast service
- Standard 10 year warranty with extensions to 20 years
- Generous 1.8 and 1.5 DC/AC Inverter Load Ratios



CPS SCA50KTL-DO/US-480
CPS SCA60KTL-DO/US-480



50/60KTL Standard Wire-box



50/60KTL Rapid Shutdown Wire-box

Model Name	CPS SCA50KTL-DO/US-480	CPS SCA60KTL-DO/US-480
DC Input		
Max. PV Power	90kW (33kW per MPPT)	
Max. DC Input Voltage	1000Vdc	
Operating DC Input Voltage Range	200-950Vdc	
Start-up DC Input Voltage / Power	330V / 80W	
Number of MPP Trackers	3	
MPPT Voltage Range @ PF>0.99	480-850Vdc	540-850Vdc
Max. PV Short-Circuit Current (Isc x 1.25)	204A (68A per MPPT)	
Number of DC Inputs	15 inputs, 5 per MPPT	
DC Disconnection Type	Load-rated DC switch	
DC Surge Protection	Type II MOV, 2800V _C , 20kA I _{TM} (8/20μS)	
AC Output		
Rated AC Output Power @ PF>0.99 to ±0.91 ¹	50kW	60kW
Max. AC Apparent Power (Selectable)	50/55kVA	60/66kVA
Rated Output Voltage	480Vac	
Output Voltage Range ²	422 - 528Vac	
Grid Connection Type	3Φ / PE / N (Neutral optional)	
Max. AC Output Current @480Vac	60.2/66.2A	72.2/79.4A
Rated Output Frequency	60Hz	
Output Frequency Range ²	57 - 63Hz	
Power Factor	>0.99 (±0.8 adjustable)	
Current THD @ Rated Load	<3%	
Max. Fault Current Contribution (1 Cycle RMS)	64.1A	
Max. OCPD Rating	110A	125A
AC Disconnection Type	Load-break rated AC switch	
AC Surge Protection	Type II MOV, 1240V _C , 15kA I _{TM} (8/20μS)	
System and Performance		
Topology	Transformerless	
Max. Efficiency	98.8%	
CEC Efficiency	98.5%	
Stand-by / Night Consumption	<1W	
Environment		
Enclosure Protection Degree	NEMA Type 4X	
Cooling Method	Variable speed cooling fans	
Operating Temperature Range ³	-22°F to +140°F / - 30°C to +60°C	
Non-Operating Temperature Range ⁴	No low temp minimum to +158°F / +70°C maximum	
Operating Humidity	0 to 100%	
Operating Altitude	13,123.4ft / 4000m (derating from 9842.5ft / 3000m)	
Audible Noise	<60dBA @ 1m and 25°C	
Display and Communication		
User Interface and Display	LCD+LED	
Inverter Monitoring	SunSpec, Modbus RS485	
Site Level Monitoring	CPS Flex Gateway (1 per 32 inverters)	
Modbus Data Mapping	CPS	
Remote Diagnostics / FW Upgrade Functions	Standard / (with Flex Gateway)	
Mechanical		
Dimensions (HxWxD)	39.4 x 23.6 x 10.24in. (1000 x 600 x 260mm)	
Weight	Inverter: 123.5lbs/56kg; Wire-box: 33lbs/15kg	
Mounting / Installation Angle ⁵	15 to 90 degrees from horizontal (vertical or angled)	
AC Termination	M8 Stud Type Terminal Block (Wire range: #6 - 3/0AWG CU/AL, Lugs not supplied)	
DC Termination ⁶	Screw Clamp, Neg. Busbar (RSD version ⁶) Wire range: #14 - #6AWG CU	
Fused String Inputs (5 per MPPT) ⁷	15A fuses provided (Fuse values up to 30A acceptable)	
Safety		
Certifications and Standards	UL1741SA-2016, UL1699B, CSA-C22.2 NO.107.1-01, IEEE1547a-2014; FCC PART15	
Selectable Grid Standard	IEEE 1547a-2014, CA Rule 21, ISO-NE	
Smart-Grid Features	Volt-RideThru, Freq-RideThru, Ramp-Rate, Specified-PF, Volt-VAR, Freq-Watt, Volt-Watt	
Warranty		
Standard	10 years	
Extended Terms	15 and 20 years	

1) Active Power Derating begins; at PF=±0.91 to ±0.8 when Max AC Apparent Power is set to 55 or 66kVA.

2) The "Output Voltage Range" and "Output Frequency Range" may differ according to the specific grid standard.

3) Active Power Derating begins; at 40°C when PF=±0.9 and MPPT ≥V_{min}, at 45°C when PF=1 and MPPT ≥V_{min}, and at 50°C when PF=1 and MPPT V ≥ 700Vdc.

4) See user manual for further requirements regarding non-operating conditions.

5) Shade Cover accessory required for installation angles of 75 degrees or less.

6) RSD wire-box only includes fuses/fuseholders on the positive polarity, compliant with NEC 2017, 690.9 (C).

7) Fuse values above 20A have additional spacing requirements or require the use of the Y-Comb Terminal Block. See user manual for details.

GENMOUNTS LT

BALLASTED SOLAR RACKING SYSTEMS

UL 487
CERTIFIED
SGS US - 710092



OUR FOCUS

Our objective is to provide customers with the highest quality solar mounting system at the lowest installed cost.

COMMITMENT

We are proud to provide products and services to the renewable industry, while restoring this nation's technology and manufacturing jobs.

RECOMMENDED APPLICATIONS

- Roof-top Installations
- Ground Installations
- Sealed Landfills
- Roofs with minimal load ratings
- Prevailing wage projects

PRODUCT FEATURES

- 100% universal mounting design; system can fit any commercial grade module without modification.
- Non-penetrating, flexible, ballasted PV mounting system.
- Designed to withstand wind loads up to 150 mph.
- Simplified assembly that consists of 2 main components and 2 fasteners.
- Top down compression clamps & serrated hardware provide integrated bonding. Arrays grounded at one point. (no clips or copper wire)
- Total array weight can be low as 3.0 lb./sf at the array.
- 2" conduit hole located on each side of pan.
- All parts can be re-used if the system is moved.

SYSTEM SPECIFICATIONS

- Pan Material: 0.063" thick Aluminum 5052-H32
- Pan Width: 30" minimum (5° PV tilt).
- Row Spacing: 8.2" (North-South)



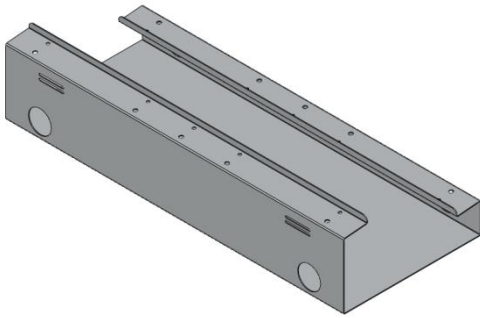
GENMOUNTS
SOLAR RACKING SYSTEMS



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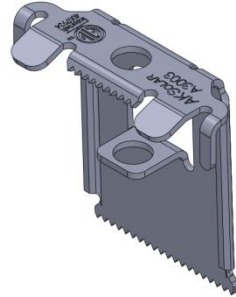
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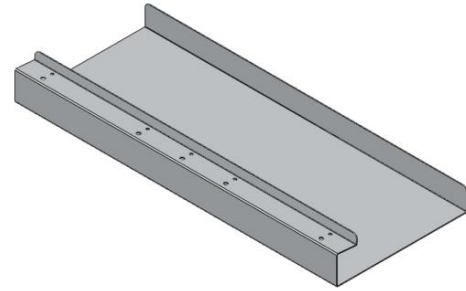
BALLAST PAN



BONDING MID-CLAMP



BONDING END-CLAMP



END PAN

Universal design consists of only 2 major components and top down compression bonding mid & end clamps.

