

RRS-SC-3

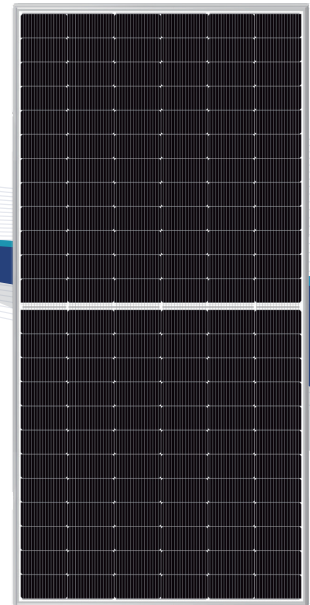


MADE IN THAILAND

HY-DH144N8

560-585W

144 Pieces | HALF-CELL | N-Type

22.6%
Max. EfficiencyN-Type
Bifacial & Dual Glass**High Conversion Efficiency**

Module efficiency up to 22.6% based on N-Type wafer and advanced N-Type cell technology

**Excellent Energy Yield**

More power output in field operation due to better thermal behaviors, weak-light performance and bifaciality

**Outstanding Anti-degradation**

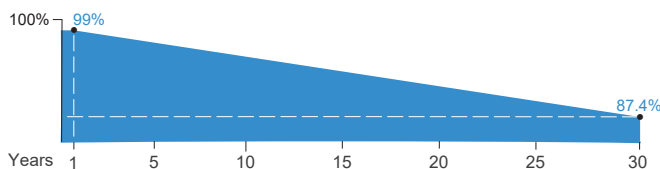
Unsusceptible to LID, LeTID and less annual degradation due to special characteristics of N-Type

**Quality Guarantee**

High module quality ensures long-term reliability



Munich RE

IEC61215 / IEC61730 / UL61730
IEC61701 / IEC62716 / IEC60068
ISO9001 / ISO14001 / ISO45001

Hyperion N-Type Dual Glass Product Performance Warranty

12 Years Product Warranty**30 Years Linear Power Warranty****1% First Year Degradation****0.4% Annual Power Degradation**

American Hyperion Solar LLC.

2880 Zanker Road, Suite 203, San Jose, CA 95134

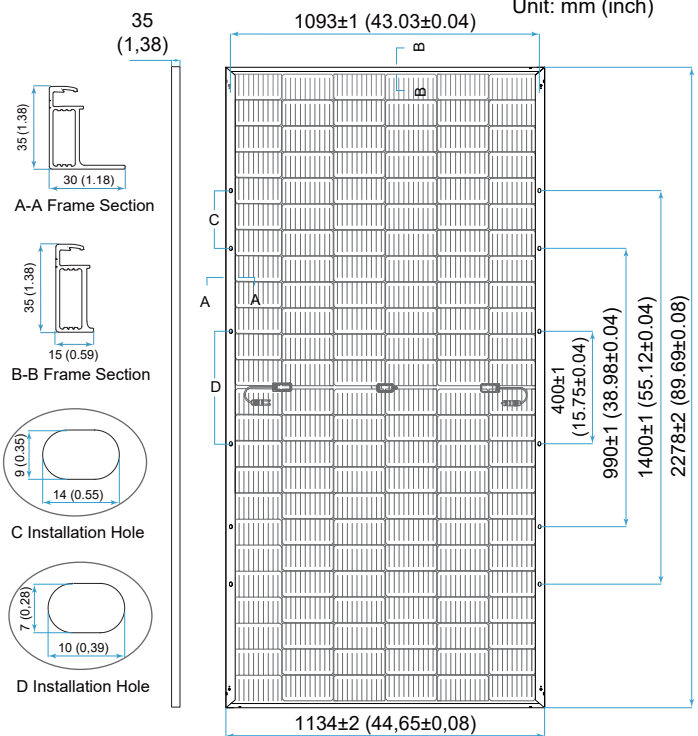
info@hyperion-usa.com
www.hyperion-solar.com

Mechanical Parameters

Solar Cell	Mono N-Type 182 mm
No. of Cells	144(6 × 24)
Dimensions	2278 × 1134 × 35mm(89.69 × 44.65 × 1.38in.)
Weight	32.7kg(72.09lbs)
Junction Box	IP68 rated (3 bypass diodes)
Output Cable	4mm ² (IEC), 12 AWG(UL) +400/-200mm (+15.75/-7.87in.) or customized
Connector	RY01 or similar
Front Cover	2.0mm (0.079in.)semi-tempered AR glass
Back Cover	2.0mm (0.079in.)semi-tempered glass
Container	31 pcs/Pallet, 558 pcs/40' HC

Operating Parameters

Max. System Voltage	DC 1500V (IEC/UL)
Operating Temperature	-40°C ~ +85°C(-40°F ~ +185°F)
Max. Fuse Rating	30A
Frontside Max. Loading	5400Pa(112lb/ft ²)
Backside Max. Loading	2400Pa(50lb/ft ²)
Bifaciality	80%±5%
Fire Resistance	IEC Class A, UL Type 29



Electrical Characteristics - STC

Irradiance 1000 W/m², ambient temperature 25 °C, AM1.5.

Maximum Power at STC (Pmax/W)	585	580	575	570	565	560
Power Tolerance (W)	0 ~ +5					
Optimum Operating Voltage (Vmp/V)	42.74	42.59	42.44	42.29	42.14	41.95
Optimum Operating Current (Imp/A)	13.69	13.62	13.55	13.48	13.41	13.35
Open Circuit Voltage (Voc/V)	51.67	51.47	51.27	51.07	50.87	50.67
Short Circuit Current (Isc/A)	14.43	14.37	14.31	14.25	14.19	14.13
Module Efficiency	22.6%	22.5%	22.3%	22.1%	21.9%	21.7%

Electrical Characteristics - NMOT

Irradiance 800 W/m², ambient temperature 20 °C, AM1.5, wind speed 1 m/s.

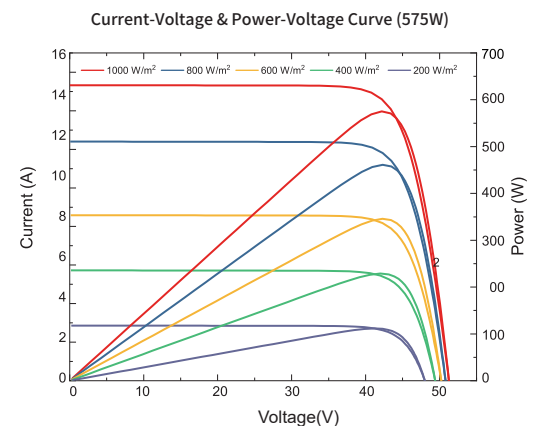
Maximum Power at NMOT (Pmax/W)	446.5	442.7	438.9	435.0	431.3	427.4
Optimum Operating Voltage (Vmp/V)	40.92	40.77	40.63	40.49	40.34	40.16
Optimum Operating Current (Imp/A)	10.91	10.86	10.80	10.75	10.69	10.64
Open Circuit Voltage (Voc/V)	49.47	49.27	49.08	48.89	48.70	48.51
Short Circuit Current (Isc/A)	11.61	11.56	11.51	11.46	11.41	11.37

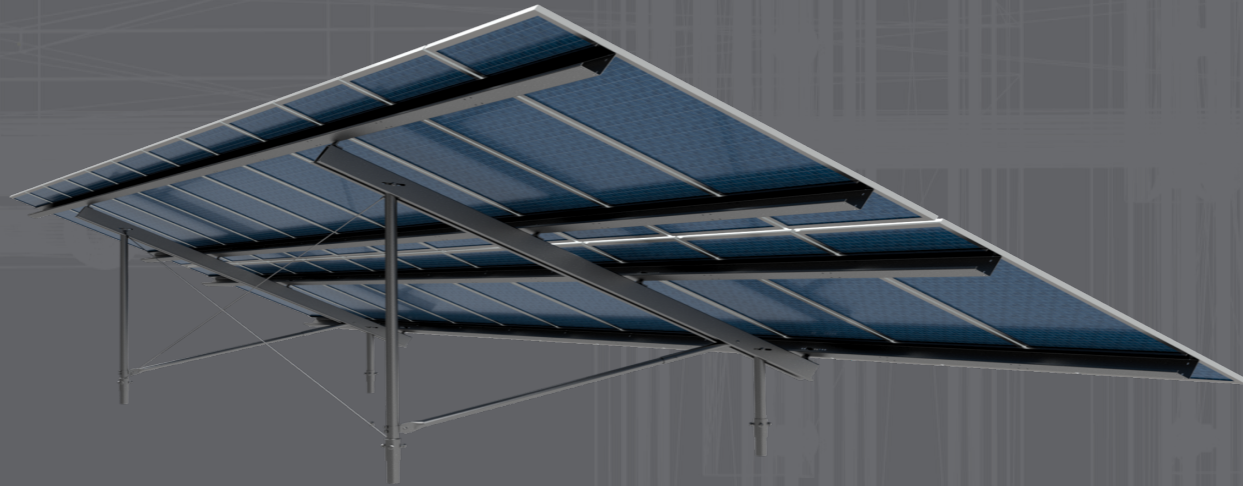
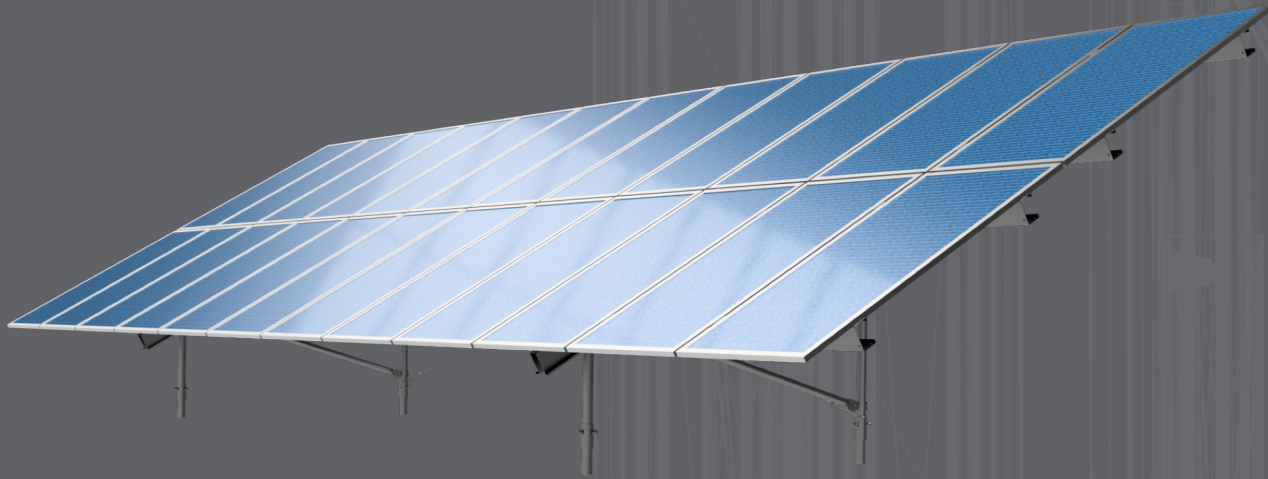
Rearside Power Gain (Reference to 585W Front)

Rearside Power Gain	5%	15%	25%
Maximum Power (Pmax/W)	614	673	731
Optimum Operating Voltage (Vmp/V)	42.74	42.84	42.84
Optimum Operating Current (Imp/A)	14.37	15.70	17.07
Open Circuit Voltage (Voc/V)	51.67	51.77	51.77
Short Circuit Current (Isc/A)	15.15	16.56	18.00
Module Efficiency	23.8%	26.1%	28.3%

Temperature Characteristics

Nominal Module Operating Temperature	42 ± 2 °C
Nominal Cell Operating Temperature	45 ± 2 °C
Temperature Coefficient of Pmax	-0.31%/°C
Temperature Coefficient of Voc	-0.26%/°C
Temperature Coefficient of Isc	0.05%/°C





GLIDE - TGP

Fixed-Tilt Ground Mount

OVERVIEW

GLIDE Portrait (TGP) is TerraSmart's next generation fixed-tilt ground mount racking solution. TGP is the culmination of ten years and over 3 gigawatts of installed-capacity experience in engineering, manufacturing and construction. As a result, GLIDE is currently the most economical racking system in TerraSmart's fixed-tilt ground mount racking portfolio. Leveraging the benefits of TerraSmart's widely deployed proprietary ground screw foundation, TGP is designed to work in any soil condition.

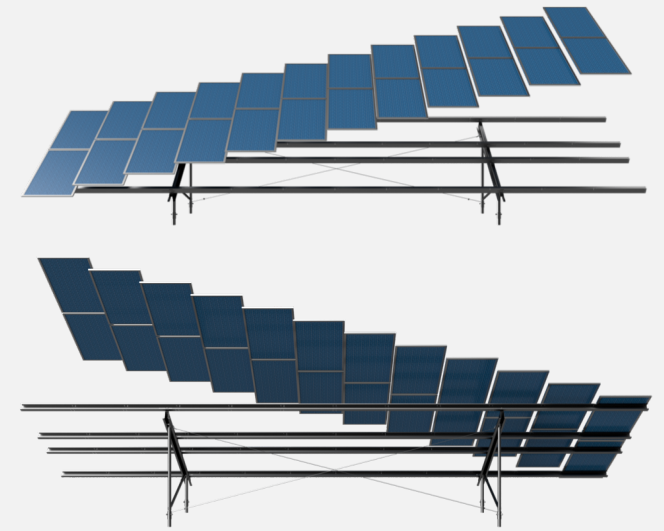
TerraSmart's state-of-the-art surveying, rock drilling and installation equipment removes project risks and provides post-installation documentation for increased project bankability. All of these benefits improve upon TerraSmart's industry-leading construction efficiency and raise the bar by offering customers increased install efficiency, reduced labor hours and tenders significant savings in material costs.



START SMART. BUILD SMART.

SPECS

Specifications Member Material	ASTM A1011 Cold Rolled Steel, Hot Dip Galvanized to ASTM A653 (G90 min) ASTM A 500 Hollow Structural Steel, Hot Dip Galvanized to ASTM A123 (3.0 mils min)
Hardware Material	316 Stainless Steel for Module Mounting Hardware Carbon Steel Alloy, Magni Coated to ASTM F2833 for all Structural Hardware
Foundation Options	Ground Screw Portrait
Module Orientation	Portrait
Module Mounting	Bottom Mount Integrated Electrical Bonding
Tilt Angle	5 to 40 degrees
Wire Management	Incorporated in Structure – NEC Compliant
Configuration	Portrait: Up to 2 high x up to 12 wide
Slopes	East or West facing, up to 30%, north or south facing, up to 36%
Load Capacities	Project Specific; Up to 170 MPH wind speed and 100 PSF Ground Snow Load
Certifications	UL 2703, Edition 1; CPP Wind Tunnel Tested
Warranty	20 - year limited warranty



FAST

- Exponentially Less Hardware
- Integrated Electrical Bonding
- Included Wire Management

COMPLIANT

- UL 2703, Edition 1 Listed
- NEC Compliant
- Wind Tunnel Tested

VERSATILE

- Numerous Configurations
- Adapts to Steep Slopes
- Accommodates Arduous Soils

LIGHT

- Lighter / Stiffer Components
- Less Freight Costs

Three-phase pad-mounted PEAK™ transformer



General

Eaton's Cooper Power™ series PEAK™ transformers represent the next generation of transformer design, and with three distinct product offerings there is a PEAK transformer to fit your needs. The first PEAK transformer option is a 75 °C average winding rise (AWR) design that offers users a potentially smaller and lighter footprint than today's 65 °C AWR transformers. This design is ideal for applications with cost, weight, or dimensional constraints. The second PEAK transformer option is a 65/75 °C AWR design that offers users sustained overload capacity while maintaining IEEE Std C57.91™-2011 standard per unit life requirements. This design offers customers flexibility in transformer sizing by offering the ability to accommodate future load growth without oversizing relative to current load, or the ability to meet periods of peak demand without oversizing based on continuous load. The third PEAK transformer option is a 55/75 °C AWR design that provides up to 22% additional loading capacity when compared to traditional mineral oil-filled transformers.

With all PEAK product offerings utilizing thermally upgraded kraft paper and Envirotemp™ FR3™ dielectric fluid, PEAK transformers offer customers a solution that is fully compatible with the new IEEE® standard for transformers using high-temperature insulation systems, IEEE Std C57.154™-2012 standard. In addition, all PEAK transformers provide the high fire point and environmental benefits of Envirotemp™ FR3™ fluid. PEAK transformers are available in various designs and configurations to match almost every application.



Powering Business Worldwide

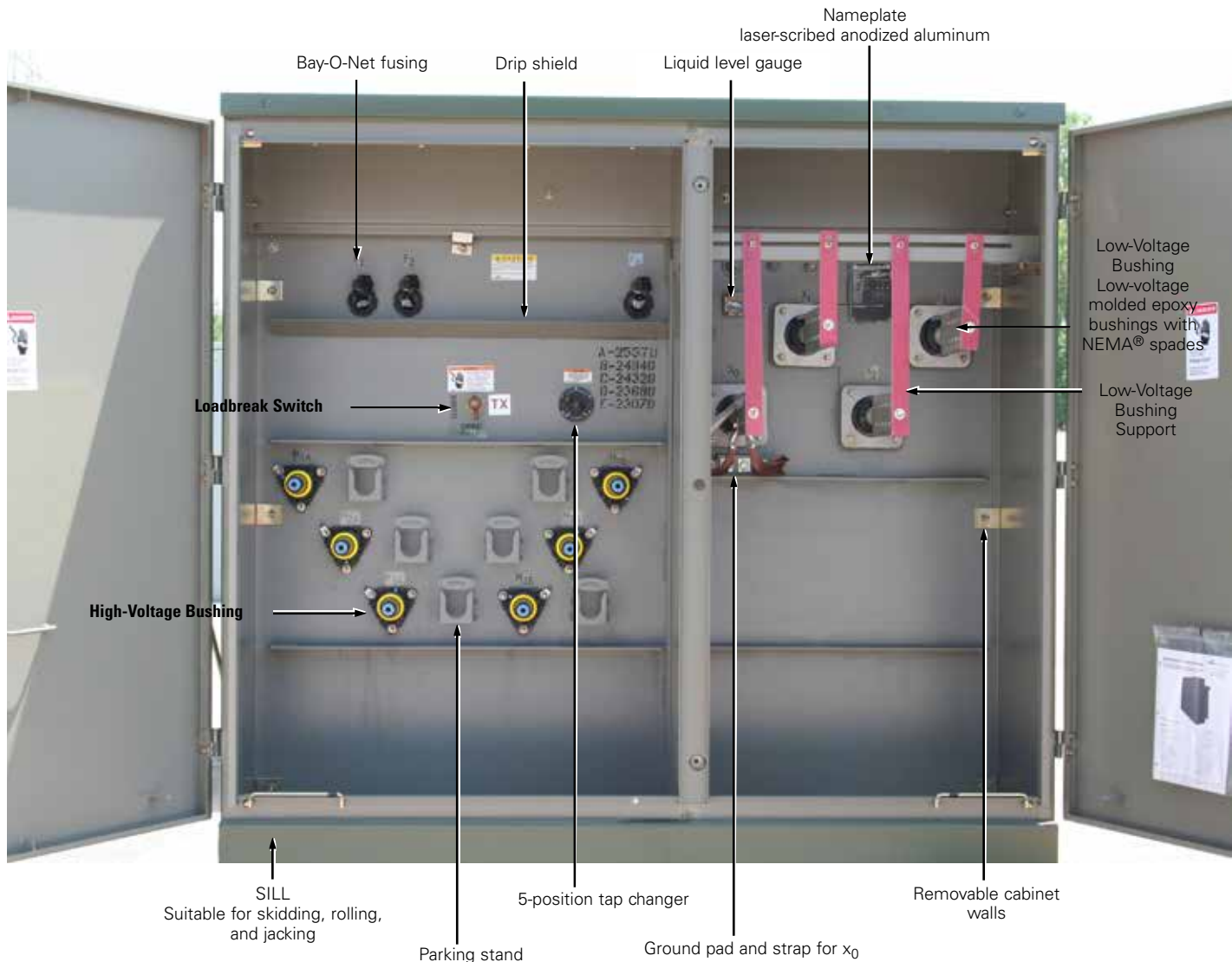


Figure 1. Three-phase pad-mounted PEAK transformer.

Table 1. Product scope

Type	Three-Phase, 50 or 60 Hz, 75 °C Rise and 65 °C/75 °C and 55/75 °C
Fluid Type	Only Envirotemp™ FR3™ fluid
Coil Configuration	2-winding or 4-winding or 3-winding (Low-High-Low), 3-winding (Low-Low-High)
Size	45 – 10,000 kVA
Primary Voltage	2,400 – 46,000 V
Secondary Voltage	208Y/120 V to 14,400 V
Specialty Designs	Inverter/Rectifier Bridge
	K-Factor (up to K-19)
	Solar/Wind Designs
	Differential Protection
	Seismic Applications (including OSHPD)
	Hardened Data Center
	UL® Listed & Label and Classified

Table 2. Three-Phase Ratings**Three-Phase 50 or 60 Hz**

kVA Available¹:
45, 75, 112.5, 150, 225, 300, 500, 750, 1000, 1500, 2000, 2500, 3000, 3750, 5000, 7500, 10000

¹Transformers are available in the standard ratings and configurations shown or can be customized to meet specific needs.

Table 3. Impedance Voltage

Rating (kVA)	Low-voltage rating		
	≤ 600 V	2400 Δ through 4800 Δ	6900 Δ through 13800GY/7970 or 13800 Δ
45-75	2.70-5.75	2.70-5.75	2.70-5.75
112.5-300	3.10-5.75	3.10-5.75	3.10-5.75
500	4.35-5.75	4.35-5.75	4.35-5.75
750-2500	5.75	5.75	5.75
3750	5.75	5.75	6.00
5000		6.00	6.50

Note: The standard tolerance is ± 7.5%

Table 4. Audible Sound Levels

Self-Cooled, Two Winding kVA Rating	NEMA® TR-1 Average
	Decibels (dB)
45-500	56
501-700	57
701-1000	58
1001-1500	60
1501-2000	61
2001-2500	62
2501-3000	63
3001-4000	64
4001-5000	65
5001-6000	66
6001-7500	67
7501-10000	68

Table 5. Insulation Test Levels

KV Class	Induced Test 180 or 400 Hz 7200 Cycle	kV BIL Distribution	Applied Test 60 Hz (kV)
1.2	Twice Rated Voltage	30	10
2.5		45	15
5		60	19
8.7		75	26
15		95	34
25		125	40
34.5		150	50

Table 6. Temperature Rise Ratings 0-3300 Feet (0-1000 meters)

	Unit Rating (Temperature Rise Winding)
	75, 65/75, 55/75 °C
Ambient Temperature Max.	40 °C
Ambient Temperature 24 Hour Average	30 °C
Temperature Rise Hotspot	90 °C

100/125kW, 1500Vdc String Inverters for North America



CPS SCH100/125KTL-DO/US-600

The 100 & 125kW high power CPS three phase string inverters are designed for ground mount applications. The units are high performance, advanced and reliable inverters designed specifically for the North American environment and grid. High efficiency at 99.1% 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 100/125kW products ship with the Standard or Centralized Wire-box, each fully integrated and separable with AC and DC disconnect switches. The Standard Wire-box includes touch safe fusing for up to 20 strings. The CPS FlexOM Gateway enables communication, controls and remote product upgrades.

Key Features

- NFPA 70, NEC 2014 and 2017 compliant
- Touch safe DC Fuse holders adds convenience and safety
- CPS FlexOM Gateway enables remote FW upgrades
- Integrated AC & DC disconnect switches
- 1 MPPT with 20 fused inputs for maximum flexibility
- Copper and Aluminum compatible AC connections
- NEMA Type 4X outdoor rated, tough tested enclosure
- Advanced Smart-Grid features (CA Rule 21 certified)
- kVA Headroom yields 100kW @ 0.9PF and 125kW @ 0.95PF
- Generous 1.87 and 1.5 DC/AC Inverter Load Ratios
- Separable wire-box design for fast service
- Standard 5 year warranty with extensions to 20 years



100/125KTL Standard Wire-box



100/125KTL Centralized Wire-box

Model Name	CPS SCH100KTL-DO/US-600		CPS SCH125KTL-DO/US-600
DC Input			
Max. PV Power	187.5kW		
Max. DC Input Voltage	1500V		
Operating DC Input Voltage Range	860-1450Vdc		
Start-up DC Input Voltage / Power	900V / 250W		
Number of MPP Trackers	1		
MPPT Voltage Range ¹	870-1300Vdc		
Max. PV Input Current (Isc x1.25)	275A		
Number of DC Inputs	20 PV source circuits, pos. & neg. fused (Standard Wire-box) 1 PV output circuit, 1-2 terminations per pole, non-fused (Centralized Wire-box)		
DC Disconnection Type	Load-rated DC switch		
DC Surge Protection	Type II MOV (with indicator/remote signaling), Up=2.5kV, In=20kA (8/20uS)		
AC Output			
Rated AC Output Power	100kW	125kW	
Max. AC Output Power ²	100kVA (111KVA @ PF>0.9)	125kVA (132KVA @ PF>0.95)	
Rated Output Voltage	600Vac		
Output Voltage Range ³	528-660Vac		
Grid Connection Type ⁴	3Φ / PE / N (Neutral optional)		
Max. AC Output Current @600Vac	96.2/106.8A	120.3/127.0A	
Rated Output Frequency	60Hz		
Output Frequency Range ³	57-63Hz		
Power Factor	>0.99 (±0.8 adjustable)	>0.99 (±0.8 adjustable)	
Current THD	<3%		
Max. Fault Current Contribution (1-cycle RMS)	41.47A		
Max. OCPD Rating	200A		
AC Disconnection Type	Load-rated AC switch		
AC Surge Protection	Type II MOV (with indicator/remote signaling), Up=2.5kV, In=20kA (8/20uS)		
System			
Topology	Transformerless		
Max. Efficiency	99.1%		
CEC Efficiency	98.5%		
Stand-by / Night Consumption	<4W		
Environment			
Enclosure Protection Degree	NEMA Type 4X		
Cooling Method	Variable speed cooling fans		
Operating Temperature Range	-22°F to +140°F / -30°C to +60°C (derating from +113°F / +45°C)		
Non-Operating Temperature Range ⁵	-40°F to +158°F / -40°C to +70°C maximum		
Operating Humidity	0-100%		
Operating Altitude	8202ft / 2500m (no derating)		
Audible Noise	<65dBA@1m and 25°C		
Display and Communication			
User Interface and Display	LED Indicators, WiFi + APP		
Inverter Monitoring	Modbus RS485		
Site Level Monitoring	CPS FlexOM Gateway (1 per 32 inverters)		
Modbus Data Mapping	SunSpec/CPS		
Remote Diagnostics / FW Upgrade Functions	Standard / (with FlexOM Gateway)		
Mechanical			
Dimensions (WxHxD)	45.28x24.25x9.84in (1150x616x250mm) with Standard Wire-box 39.37x24.25x9.84in (1000x616x250mm) with Centralized Wire-box		
Weight	Inverter: 121lbs / 55kg; Wire-box: 55lbs / 25kg (Standard Wire-box); 33lbs / 15kg (Centralized Wire-box)		
Mounting / Installation Angle	15 - 90 degrees from horizontal (vertical or angled)		
AC Termination	M10 Stud Type Terminal [3Φ] (Wire range: 1/0AWG - 500kcmil CU/AL, Lugs not supplied) Screw Clamp Terminal Block [N] (#12 - 1/0AWG CU/AL)		
DC Termination	Screw Clamp Fuse Holder (Wire range: #12 - #6AWG CU) - Standard Wire-box Busbar, M10 Bolts (Wire range: #1AWG - 500kcmil CU/AL [1 termination per pole], #1AWG - 300kcmil CU/AL [2 terminations per pole], Lugs not supplied) - Centralized Wire-box		
Fused String Inputs	20A fuses provided (Fuse values of 15A or 20A acceptable)		
Safety			
Safety and EMC Standard	UL1741-SA-2016, 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 ⁶	5 years		
Extended Terms	10, 15 and 20 years		

1) See user manual for further information regarding MPPT Voltage Range when operating at non-unity PF

2) "Max. AC Apparent Power" rating valid within MPPT voltage range and temperature range of -30°C to +40°C (-22°F to +104°F) for 100KW PF ≥0.9 and 125KW PF ≥0.95

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

4) Wye neutral-grounded, Delta may not be corner-grounded.

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

6) 5 year warranty effective for units purchased after October 1st, 2019.

A large-scale solar farm with rows of photovoltaic panels tilted towards the sun. In the foreground, a multi-strand security fence made of dark material is stretched across the frame. A single wooden post supports the fence. The background shows a clear blue sky with a few wispy clouds.

 **BEKAERT**

better together

Solar array security fence that's easy to install but hard to get through

Bekaert Solidlock® solar array fence:
maximum security at a lower total cost



Why choose Bekaert?

Expert advice and support

The Bekaert Fence Pros and our experienced dedicated staff are here to help you from the initial inquiry through your installation and beyond.

Your wire transformation and coating specialist

We can provide you the most efficient and cost-effective corrosion prevention methods. From commercial to our proprietary Bezinal®, we have a wide range of corrosion resistant coatings to suit your needs.

Partnering with Bekaert Fencing Solution

Combine Bekaert Fence products with Grippe to better streamline your installation process. Using Grippe products allows for fast and durable bracing, quick and secure splicing, and instant wire termination.

The best perimeter fence performance comes from Bekaert's high tensile fixed knot products.

The manufacturing process and design of our Solidlock® fixed knot products ensure decades-long function with lower initial costs and faster installation than basic chain link. Our products offer significant savings in time, labor and expense during the critical last segment of the solar farm development process.

Benefits: Build better fence with Bekaert

① Stronger wire with breaking load of up to 1,500 lbs

② Woven fixed knot provides higher integrity and stability in the case of a breach

③ Superior wire coatings extend longevity

Build high quality fencing across all landscapes and terrains

High tensile agricultural-style woven wire fence from Bekaert uses primarily driven posts versus the poured concrete posts required for chain link. This results in the overall project costing less and getting installed faster. With the ability to pull the fence down into dips and up over rises, high tensile conforms better to the landscape, improving performance and aesthetics.

Durable, low-maintenance designs mean long-lasting security and low environmental impacts

With Class 3 or our proprietary zinc-aluminum Bezinal® coating, Bekaert fixed knot woven wire products can withstand the environmental strains of weather and moisture, with a guarantee of 20 years or more on recommended fence designs. The wide range of designs also provides ingress and egress for small predatory animals, helping to maintain ecological balance on solar farm properties while providing perimeter exclusion to large animals and humans.

GRIPPLE PRODUCT/ TOOL RECOMMENDATIONS

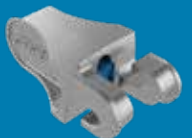
Gripple Joiners

Various sizes based on wire gauge



Gripple T-Clips:

For fast wire termination



Tools:

- Torq Tensioning Tool
- Contractor Tensioning Tool
- Knippex Wire Cutters

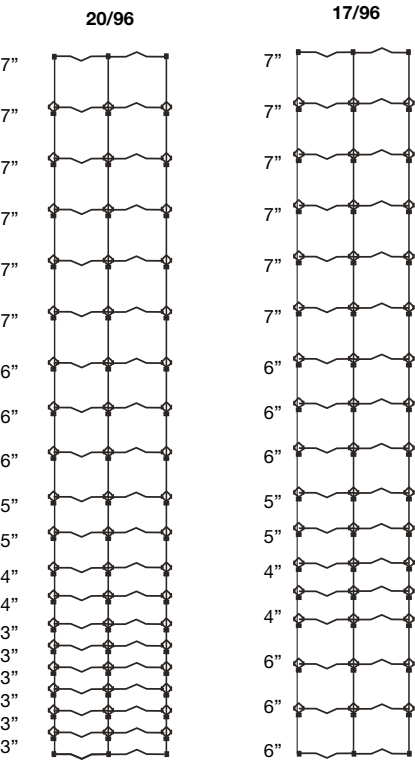


SOLAR FENCE SPECS TABLE

Solidlock® Pro - Professional Strength Fixed Knot with Pre-Installed Gripple Joiners

Part #	Fence Design	Height	Vertical Spacing	Roll Length	Wire Gauge	Roll Weight	Coating
118269	1775-6	75"	6"	330'	12.5 ga	327 lbs	Class 3
260370 (no Gripple Joiner)	1796-6	96"	6"	330'	12.5 ga	355 lbs	Class 3
118288	2096-6	96"	6"	330'	12.5 ga	396 lbs	Class 3
118376	2096-6	96"	6"	500'	12.5 ga	601 lbs	Class 3
646445	1584-6	84"	6"	330'	12.5 ga	311 lbs	Bezinal®
180546	2096-6	96"	6"	330'	12.5 ga	396 lbs	Bezinal®
216657	2096-6	96"	6"	500'	12.5 ga	601 lbs	Bezinal®
657647	1584-6	84"	6"	330'	12.5 ga	311 lbs	Bezinal® + Black
134721	1796-6	96"	6"	330'	12.5 ga	355 lbs	Bezinal® + Black
136261	2096-6	96"	6"	330'	12.5 ga	396 lbs	Bezinal® + Black

Solidlock® Pro Fixed Knot Solar - 12.5 gauge



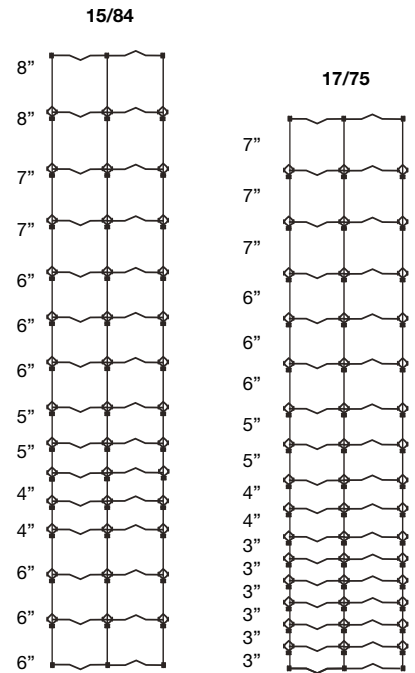
TOPPER WIRE RECOMMENDATIONS

Cattleman® Pro - Professional Strength Barbed Wire

Part #	Fence Design	Barb Spacing	Barb Type	Wire Diameter	Reel Length	Reel Weight	Coating
135137	2 point	5"	flat	14 ga	1320'	56 lbs	Class 3
134936	4 point	5"	flat	14 ga	1320'	65 lbs	Class 3
145733	2 point	5"	flat	14 ga	1320'	56 lbs	Bezinal®
145734	4 point	5"	flat	14 ga	1320'	65 lbs	Bezinal®

Gaucha® High Strength Barbed Wire

Part #	Fence Design	Barb Spacing	Barb Type	Wire Diameter	Reel Length	Reel Weight	Coating
118290	2 point	5"	flat	15.5 ga	1320'	40 lbs	Class 3
118293	4 point	5"	round	15.5 ga	1320'	41 lbs	Class 3
118352	4 point	3"	round	15.5 ga	1320'	48 lbs	Class 3
261131	4 point	5"	round	15.5 ga	1320'	41 lbs	Bezinal®





When we offer our clients a cost comparison on chain link versus high tensile woven wire from Bekaert, the savings in product cost and labor requirements make high tensile a clear choice. Add to that the ability to install high tensile quickly in a variety of soil and terrain conditions, and it can provide solar development companies a fast finish to their solar farm project. If our high tensile fence install can shave 4 or 5 days off the end of a development build and get the project online faster, that's very valuable.

Bob Almeida, partner-owner, homestead fence company

The right wire for your application

Bekaert fixed knot products are ideal for a variety of solar field specifications. The Bekaert Fence Pro's extensive product and installation knowledge will ensure you'll find the product best suited to your terrain, environmental and performance needs, and installation requirements.

Strength

Bekaert's Solidlock® Pro 12.5 gauge fixed knot perimeter fence products deter vandals with a breaking strength of up to 1,500 lbs.

Durability

The high-tensile woven construction of Bekaert's fence products protects the fence's integrity and keeps it standing, even if wires are cut.

Longevity

Protect the longevity of your perimeter fence by choosing a Class 3 galvanized coating with a 20 year guarantee. For additional protection and longevity, choose a product with our proprietary Bezinal® coating with a 30 year guarantee or Bezinal®+ Black with a 40 year guarantee.

Flexibility

The strength of Bekaert's high-tensile fence products makes it ideal for varied terrain and rural installations. It also allows for wider spaces between posts, reducing installation time and long-term maintenance costs.





Bekaert's high tensile woven wire products provide perimeter security to solar farms with faster installation times, lower total install cost and a stronger barrier compared to traditional chain link products. Bekaert's high tensile wire excludes people and large animals while allowing beneficial small animals through, helping control pests and decrease the fence's environmental impact.

More
information?

fencing.bekaert.com

Bekaert Corporation
1395 S. Marietta Pkwy
Building 500; Suite 100
Marietta, GA 30067

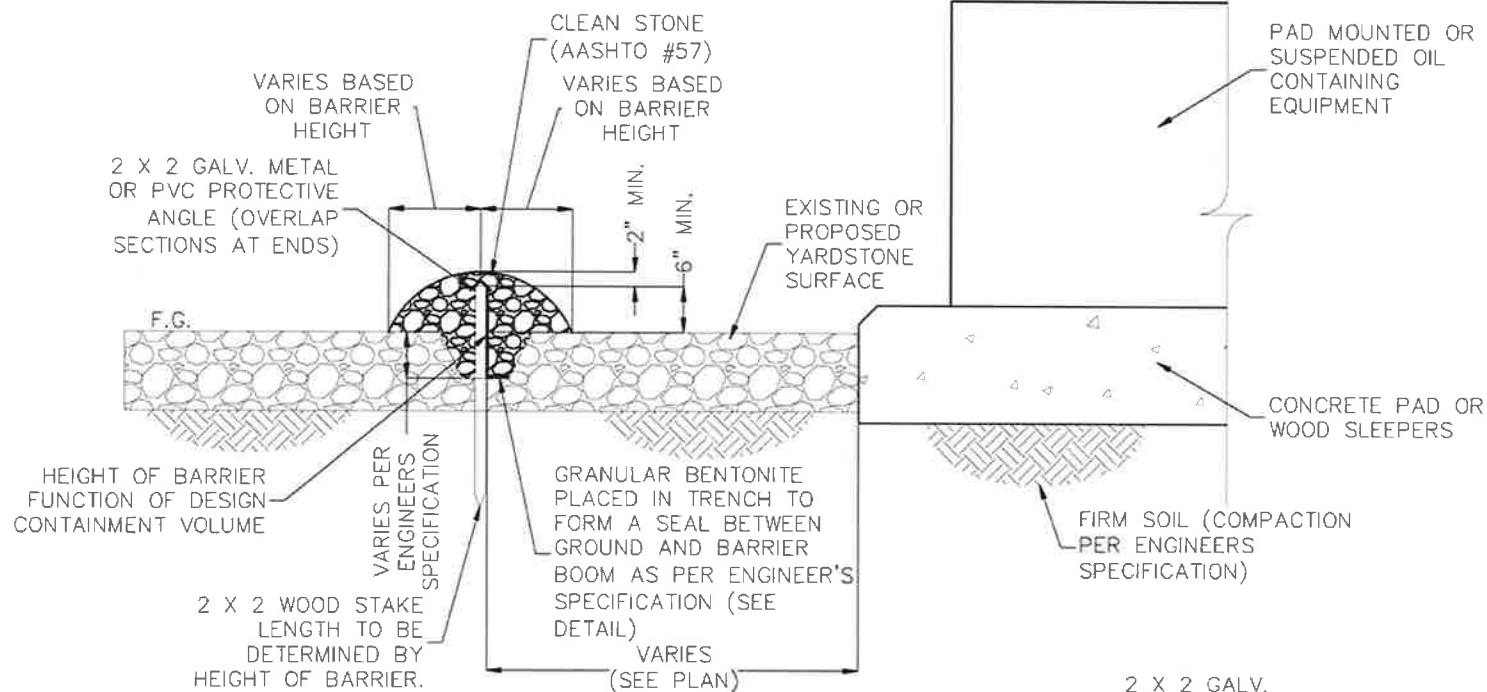
Bekaert Van Buren
1881 Bekaert Drive
Van Buren, AR 72956

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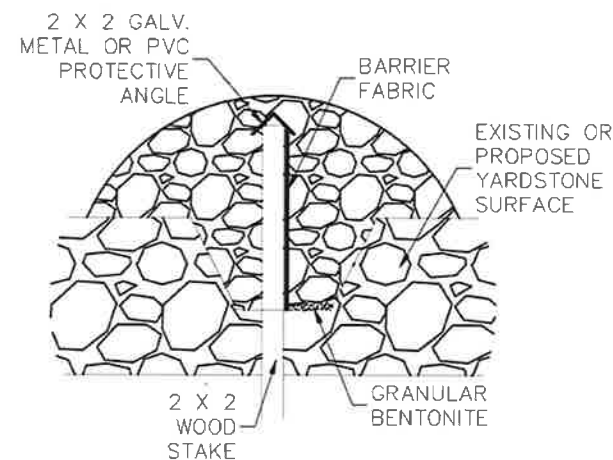
Responsible editor: NV Bekaert SA - 06 2020

TYPICAL SECONDARY CONTAINMENT GEOSYNTHETIC BARRIER DETAILS



NOTES:

1. INSTALL BARRIER IN TRENCH - DEPTH AND WIDTH AS PER ENGINEER'S SPECIFICATION.
2. SEE PLAN FOR LOCATION OF BARRIER IN RELATION TO OIL CONTAINING EQUIPMENT.
3. FOR CONTAINMENT LAYOUTS THAT DO NOT TOTALLY ENCLOSE THE OIL CONTAINING EQUIPMENT - EXTEND BOTH ENDS OF THE BARRIER AT LEAST 5' UPSLOPE AT A 45° ANGLE TO THE MAIN BARRIER ALIGNMENT OR AS SHOWN ON THE PLAN.
4. (OPTIONAL) LAY PROTECTIVE ANGLE ON WOOD STAKES BEFORE INSTALLING STONE ADJACENT TO AND COVERING BARRIER.
5. BARRIER TO BE INSTALLED WITH THE BLACK (AGENT X) SIDE FACING INSIDE. FLAP, IF USED, ALSO TO FACE INSIDE.
6. OVERLAP ENDS OF BARRIER PIECE A MINIMUM OF 2" AND STAPLE/SCREW TO WOOD STAKE.
7. DO NOT CUT OR TRIM BARRIER WITHOUT MANUFACTURE/REPRESENTATIVE APPROVAL.



BARRIER DETAIL

SCALE: N.T.S.

SECONDARY CONTAINMENT GEOSYNTHETIC BARRIER SECTION

SCALE: N.T.S.

DWG FILE:
DETAILS - PLAN
DATE:
MARCH 9, 2011
DRAWN BY:
M.T.H.
SCALE:
N.T.S.



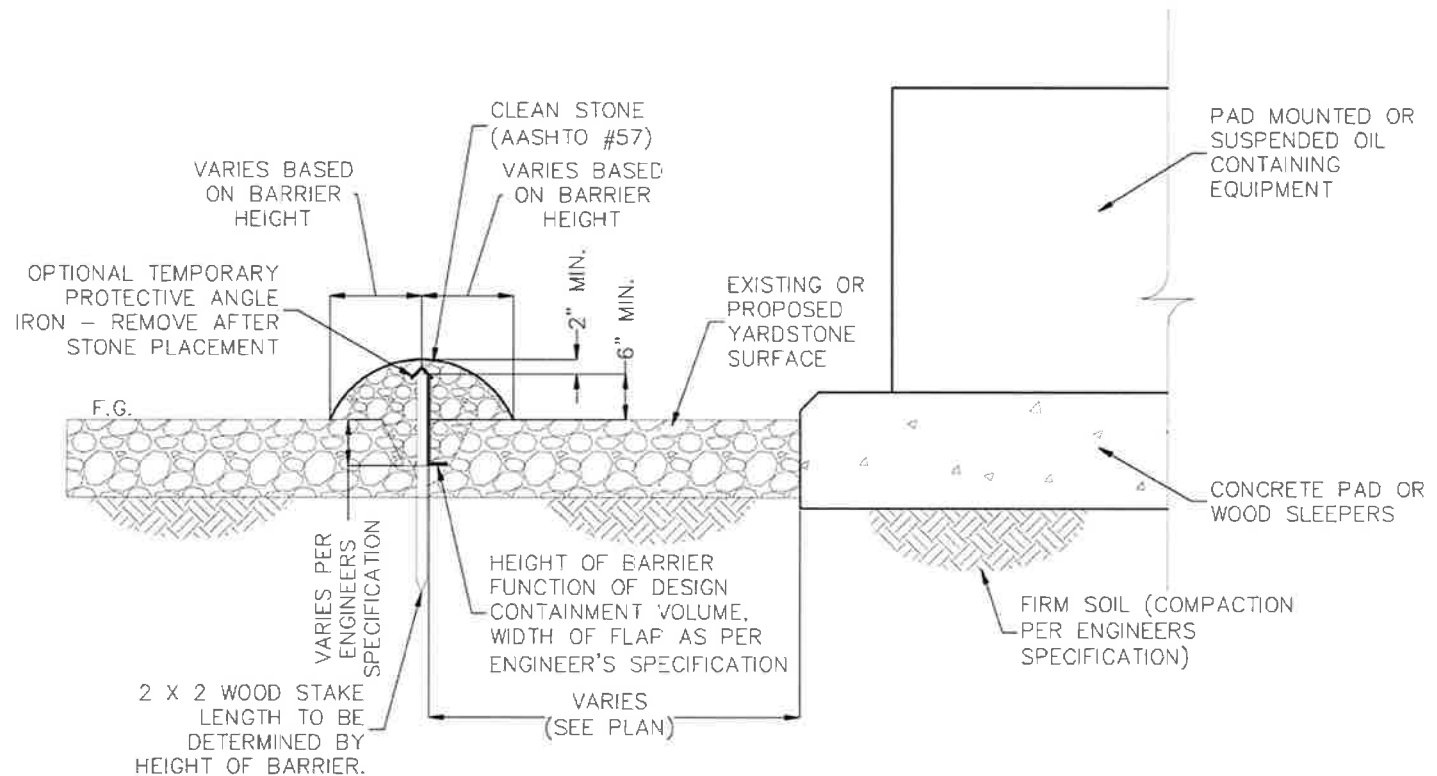
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TYPICAL SECONDARY CONTAINMENT GEOSYNTHETIC BARRIER DETAILS



NOTES:

1. INSTALL BARRIER IN TRENCH - DEPTH AND WIDTH AS PER ENGINEER'S SPECIFICATION.
2. SEE PLAN FOR LOCATION OF BARRIER IN RELATION TO OIL CONTAINING EQUIPMENT.
3. FOR CONTAINMENT LAYOUTS THAT DO NOT TOTALLY ENCLOSE THE OIL CONTAINING EQUIPMENT - EXTEND BOTH ENDS OF THE BARRIER AT LEAST 5' UPSLOPE AT A 45° ANGLE TO THE MAIN BARRIER ALIGNMENT OR AS SHOWN ON THE PLAN.
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6. OVERLAP ENDS OF BARRIER PIECE A MINIMUM OF 2" AND STAPLE/SCREW TO WOOD STAKE.
7. DO NOT CUT OR TRIM BARRIER WITHOUT MANUFACTURE/REPRESENTATIVE APPROVAL.

SECONDARY CONTAINMENT GEOSYNTHETIC BARRIER SECTION (with subsurface flow prevention flap)

SCALE: N.T.S.

DWG FILE: DETAILS - SECTION
DATE: MARCH 9, 2011
DRAWN BY: M.T.H.
SCALE: N.T.S.



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11760 Commonwealth Dr.
Louisville, KY 40299
866-242-4368
502-267-0101
F: 502-267-0181
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