

Model: UES-3

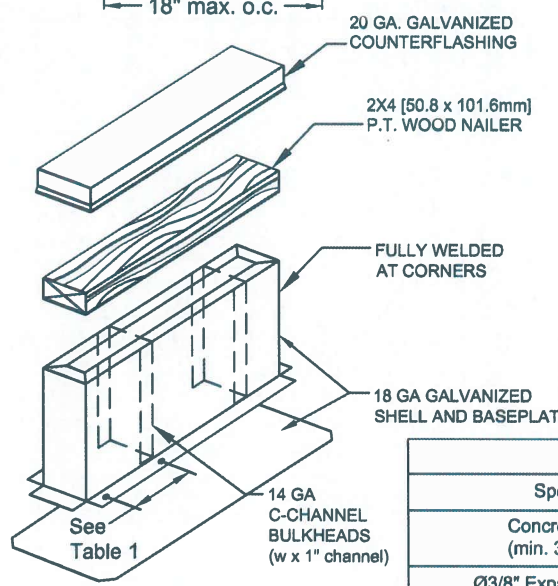
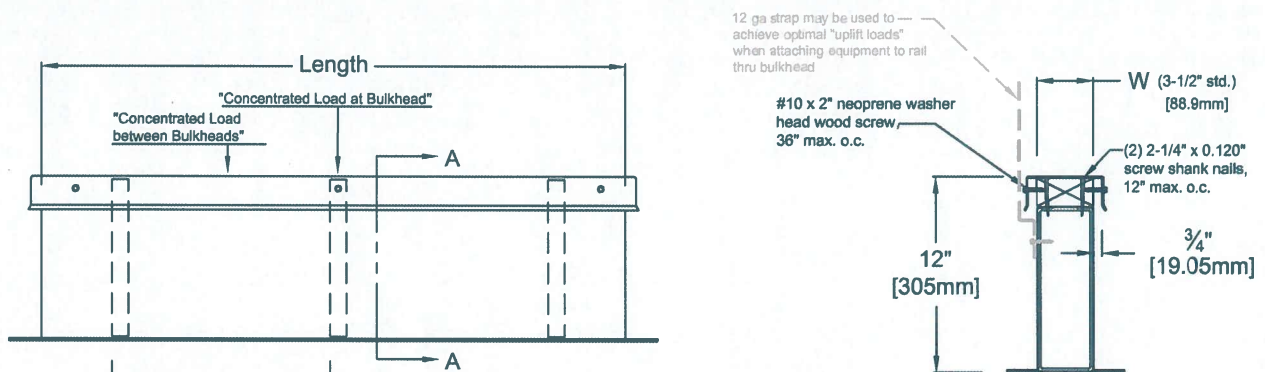
Equipment Support

Additional Options:

- 1.
- 2.
- 3.
- 4.

Standard Construction:

18 ga. Galvanized steel shell and baseplate; 12" [305mm] minimum height, 2 x 4 [51 x 102mm] pressure treated wood nailer (std.); C-channel bulkheads as required; Fully welded one piece construction, 20 ga galvanized counterflashing All welds prime painted after fabrication.



UES-1
SECTION "A-A"

TABLE 1, INSTALLATION SCHEDULE								
Specification according to substrate (curb flange attachment to substrate)								
Concreta/CMU (min. 3000 PSI)			Steel (14 ga min.) (Fy=36 ksi)			Wood (G=0.55 density)		
Ø3/8" Expansion Anchor			#14 Sheet Metal Screws			Ø1/4" Lag Screws		
Max. Spacing	Min. Embed.	Min. Edge Distance	Max. Spacing	Min. Embed.	Min. Edge Distance	Max. Spacing	Min. Embed.	Min. Edge Distance
8" o.c.	3-3/4"	4-1/4"	*8" o.c.	N/A	1"	6" o.c.	2-1/2"	2"

NOTE: Due to continuing research, United Energetech reserves the right to change specifications without notice.

Qty.	LENGTH	H	W	R	Roof Slope	Tag- Description

DRAWN BY: CLJ	DATE: 8-25-06	REV. NO. 6	REV. DATE: 8-8-17	APPROVED BY: CBY	DWG. NO.: M-5
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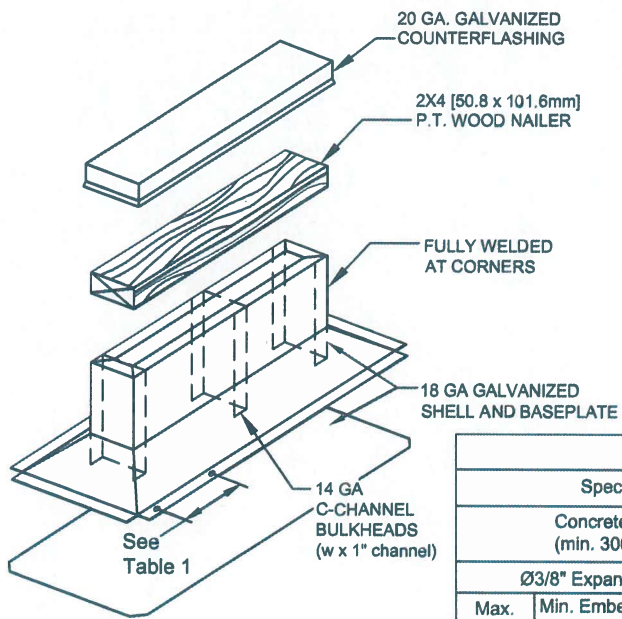
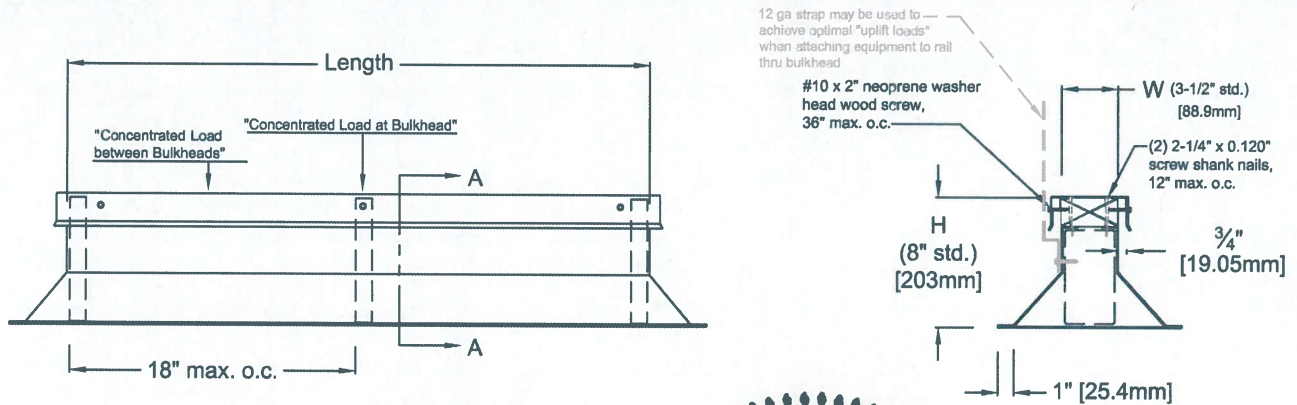
Model: UES-2
Equipment Support

Additional Options:

- 1.
- 2.
- 3.
- 4.

Standard Construction:

18 ga. Galvanized steel shell and baseplate; 8" [203mm] minimum height, 2 x 4 [51 x 102mm] pressure treated wood nailer (std.); C-channel bulkheads as required; Fully welded one piece construction, 20 ga galvanized counterflashing. All welds prime painted after fabrication.



UES-2
SECTION "A-A"

TABLE 1, INSTALLATION SCHEDULE

Specification according to substrate (curb flange attachment to substrate)

Concrete/CMU (min. 3000 PSI)		Steel (14 ga min.) (Fy=36 ksi)			Wood (G=0.55 density)			
Ø3/8" Expansion Anchor		#14 Sheet Metal Screws			Ø1/4" Lag Screws			
Max. Spacing	Min. Embed.	Min. Edge Distance	Max. Spacing	Min. Embed.	Min. Edge Distance	Max. Spacing	Min. Embed.	Min. Edge Distance
8" o.c.	3-3/4"	4-1/4"	8" o.c.	N/A	1"	8" o.c.	2-1/2"	2"

NOTE: Due to continuing research, United Energetech reserves the right to change specifications without notice.

Qty.	LENGTH	H	W	R	Roof Slope	Tag- Description

DRAWN BY: CLJ	DATE: 8-25-06	REV. NO. 6	REV. DATE: 8-3-17	APPROVED BY: CBY	DWG. NO.: M-6
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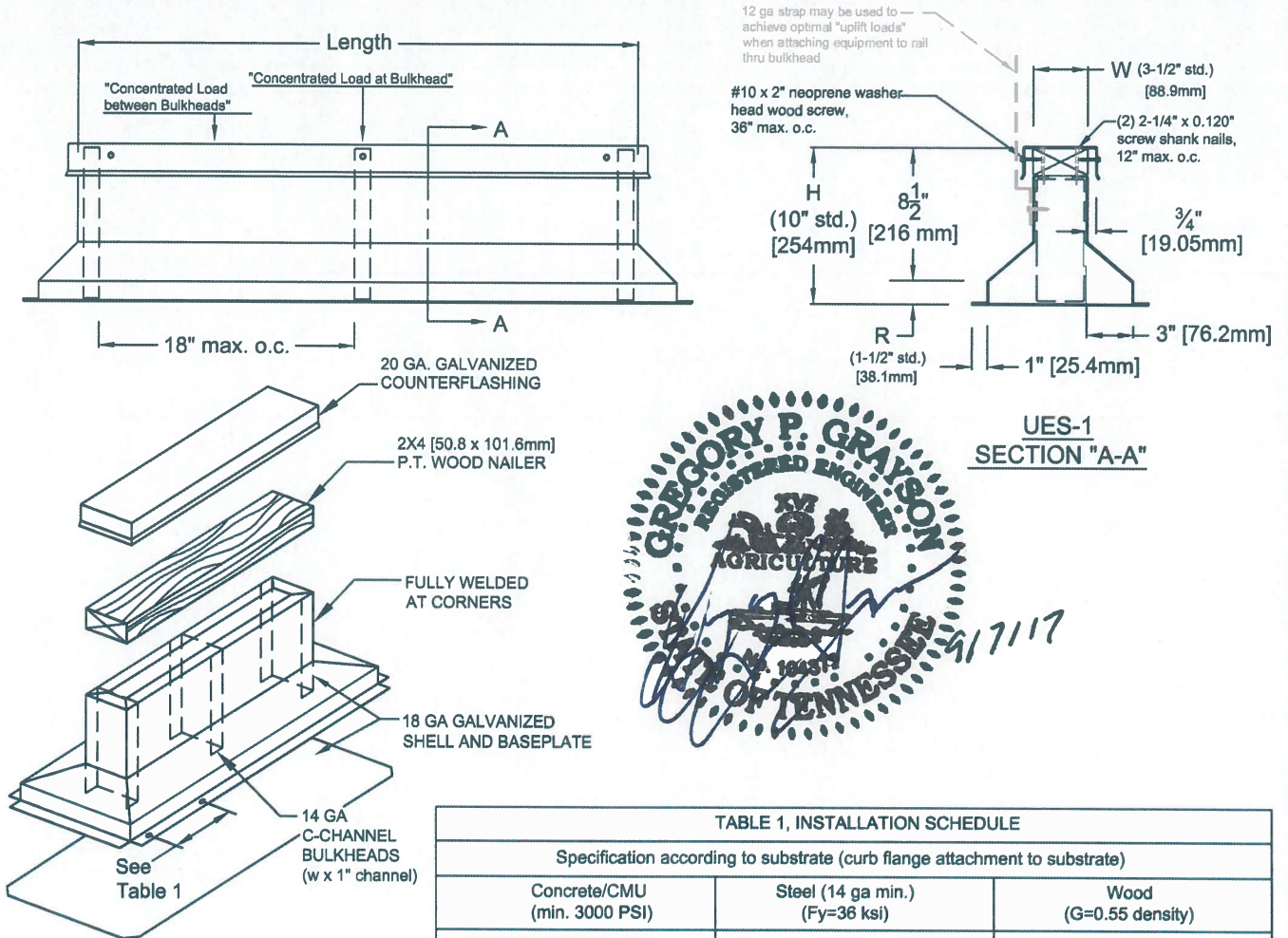
Model: UES-1
Equipment Support

Additional Options:

- 1.
- 2.
- 3.
- 4.

Standard Construction:

18 ga. Galvanized steel shell and baseplate; 10" [254mm] minimum height, 2 x 4 [51 x 102mm] pressure treated wood nailer (std.); raised cant; C-channel bulkheads as required; Fully welded one piece construction, 20 ga galvanized counterflashing. All welds prime painted after fabrication.



UES-1
SECTION "A-A"

TABLE 1, INSTALLATION SCHEDULE

Specification according to substrate (curb flange attachment to substrate)								
Concrete/CMU (min. 3000 PSI)			Steel (14 ga min.) (Fy=36 ksi)			Wood (G=0.55 density)		
Ø3/8" Expansion Anchor			#14 Sheet Metal Screws			Ø1/4" Lag Screws		
Max. Spacing	Min. Embed.	Min. Edge Distance	Max. Spacing	Min. Embed.	Min. Edge Distance	Max. Spacing	Min. Embed.	Min. Edge Distance
8" o.c.	3-3/4"	4-1/4"	*8" o.c.	N/A	1"	6" o.c.	2-1/2"	2"

NOTE: Due to continuing research, United Enertech reserves the right to change specifications without notice.

Qty.	LENGTH	H	W	R	Roof Slope	Tag- Description

DRAWN BY: CLJ	DATE: 8-9-06	REV. NO. 8	REV. DATE: 9-5-17	APPROVED BY: CBY	DWG. NO.: M-5
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LOAD BEARING DATA FOR UNITED ENERTECH EQUIPMENT SUPPORTS

Model	Height (in)	Gauge	Max. Allowable Concentrated Load at Bulkhead (lbs.)	Maximum Allowable Uniform Load (plf)	Max. Allowable Concentrated Load Between Bulkhead (lbs.)	Uplift using a 12 gauge Strap and (4) #12 TEK screws attached to Rail (lbs.)	Maximum Allowable Uniform Uplift Load (plf)
UES-1	10"	18	3017	2011	800	1000	667
UES-2	8"	18	3050	2033	800	1000	667
UES-3	12"	18	2975	1984	800	1000	667
UES-1	14"	18	2926	1951	800	1000	667
UES-2	12"	18	2975	1984	800	1000	667
UES-3	16"	18	2869	1913	800	1000	667
UES-1	10"	14	6310	4207	800	2000	1333
UES-2	8"	14	6400	4267	800	2000	1333
UES-3	12"	14	6197	4131	800	2000	1333
UES-1	14"	14	6063	4042	800	2000	1333
UES-2	12"	14	6197	4131	800	2000	1333
UES-3	16"	14	5909	3940	800	2000	1333

Concentrated load is based upon the load being applied directly above a bulkhead. Bulkheads are spaced on a maximum of 18" O.C.
 Cantilever Sections greater than 6" in length should be avoided. Any conditions not included in the chart above can be certified by United Eneritech upon request.
 Equipment attachment is accomplished by a 4" wide 12 gauge strap with a minimum of (4) #12 TEK screws fastened to the side of a bulkhead.
 All uplift loads assume the attachment method of the support is done per the chart (table 1) below.

TABLE 1, INSTALLATION SCHEDULE								
Specification according to substrate (curb flange attachment to substrate)								
Concrete/CMU (min. 3000 PSI)			Steel (14 ga min.) (Fy=36 ksi)			Wood (G=0.55 density)		
Ø3/8" Expansion Anchor			#14 Sheet Metal Screws			Ø1/4" Lag Screws		
Max. Spacing	Min. Embed.	Min. Edge Distance	Max. Spacing	Min. Embed.	Min. Edge Distance	Max. Spacing	Min. Embed.	Min. Edge Distance
8" o.c.	3-3/4"	4-1/4"	*8" o.c.	N/A	1"	6" o.c.	2-1/2"	2"

